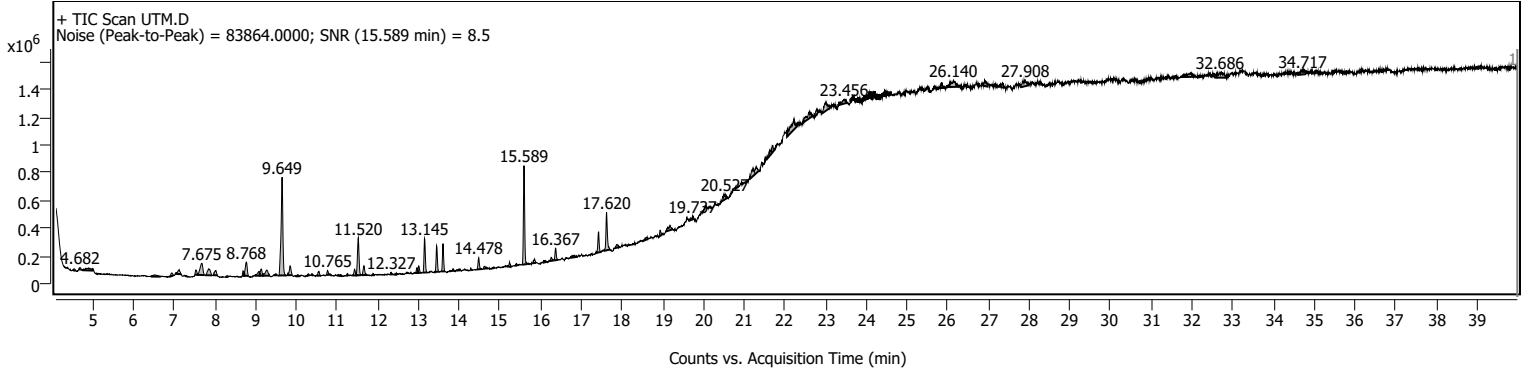


# Analysis Report

## Sample Information

<b>Name</b>	UTM	<b>Data File Path</b>	D:\MassHunter\GCMS\1\data\CRF 2023\External\JIT\Ashwani\22,11.23\UTM.D
<b>Sample ID</b>		<b>Acq. Time (Local)</b>	22-11-2023 13:56:01 (UTC+05:30)
<b>Instrument</b>	GCMS	<b>Method Path (Acq)</b>	D:\MassHunter\GCMS\1\methods\N_Ashwani_1JITExternal.M
<b>MS Type</b>	Q	<b>Version (Acq SW)</b>	MassHunter GC/MS Acquisition 10.1.49 02-Nov-2020 Copyright © 1989-2020 Agilent Technologies, Inc.
<b>Inj. Vol. (ul)</b>	1	<b>IRM Status</b>	
<b>Position</b>	6	<b>Method Path (DA)</b>	D:\MassHunter\GCMS\1\data\CRF 2023\External\JIT\Ashwani\22,11.23\UTM.D\Results\Qual\Version4\default.m
<b>Plate Pos.</b>		<b>Target Source Path</b>	
<b>Operator</b>		<b>Result Summary</b>	

## Sample Chromatograms



Chromatogram Peaks

Textbox50

Peak	Start	RT	End	Height	Area	Area %	Area Sum %	SNR
1	4.511	4.534	4.574	12322	31389	1.45	0.20	0.1
2	4.649	4.682	4.711	14368	33331	1.53	0.21	0.2
3	4.752	4.894	5.021	16894	166150	7.65	1.05	0.2
4	6.428	6.519	6.662	12524	93214	4.29	0.59	0.1
5	6.885	6.943	6.977	20714	67008	3.08	0.42	0.2
6	7.019	7.120	7.165	30748	126989	5.85	0.80	0.4
7	7.503	7.532	7.578	35131	91648	4.22	0.58	0.4
8	7.578	7.675	7.737	84443	412276	18.98	2.60	1.0
9	7.769	7.847	7.922	46630	234121	10.78	1.48	0.6
10	7.949	8.013	8.059	34187	122721	5.65	0.77	0.4
11	8.253	8.299	8.333	7218	20673	0.95	0.13	0.1
12	8.666	8.688	8.716	35431	71344	3.28	0.45	0.4
13	8.716	8.768	8.822	99237	335014	15.42	2.12	1.2
14	8.968	9.083	9.100	30006	113020	5.20	0.71	0.4
15	9.100	9.134	9.174	48888	141757	6.53	0.90	0.6
16	9.174	9.271	9.346	40892	211624	9.74	1.34	0.5
17	9.438	9.489	9.534	10291	27182	1.25	0.17	0.1
18	9.569	9.649	9.740	710460	2172155	100.00	13.72	8.5
19	9.765	9.844	9.897	64711	204393	9.41	1.29	0.8
20	9.987	10.038	10.090	11851	37899	1.74	0.24	0.1
21	10.256	10.290	10.324	13418	28389	1.31	0.18	0.2
22	10.359	10.382	10.410	10832	21284	0.98	0.13	0.1
23	10.490	10.553	10.587	30567	84076	3.87	0.53	0.4
24	10.735	10.765	10.838	31011	71494	3.29	0.45	0.4
25	10.994	11.040	11.131	7867	38180	1.76	0.24	0.1
26	11.223	11.251	11.274	13974	18238	0.84	0.12	0.2
27	11.376	11.429	11.469	44705	109447	5.04	0.69	0.5
28	11.469	11.520	11.581	270977	725221	33.39	4.58	3.2
29	11.596	11.658	11.709	66546	177560	8.17	1.12	0.8
30	11.858	11.881	11.926	12965	26714	1.23	0.17	0.2
31	12.299	12.327	12.373	14417	29668	1.37	0.19	0.2
32	12.436	12.453	12.470	13225	16206	0.75	0.10	0.2
33	12.918	12.962	12.979	37864	78539	3.62	0.50	0.5
34	12.979	13.002	13.048	49874	114322	5.26	0.72	0.6
35	13.108	13.145	13.214	247137	539724	24.85	3.41	2.9
36	13.410	13.443	13.500	187868	395146	18.19	2.50	2.2
37	13.558	13.597	13.645	199226	397315	18.29	2.51	2.4
38	13.820	13.843	13.882	12202	22641	1.04	0.14	0.1
39	13.941	13.998	14.032	10597	30383	1.40	0.19	0.1
40	14.268	14.284	14.295	14057	12317	0.57	0.08	0.2
41	14.434	14.478	14.528	83716	184827	8.51	1.17	1.0
42	14.587	14.610	14.704	17070	50867	2.34	0.32	0.2
43	14.828	14.850	14.872	8907	12660	0.58	0.08	0.1
44	15.194	15.234	15.274	33942	68070	3.13	0.43	0.4
45	15.371	15.405	15.428	15014	26600	1.22	0.17	0.2
46	15.543	15.589	15.681	714770	1533073	70.58	9.68	8.5
47	15.795	15.852	15.886	28126	74954	3.45	0.47	0.3
48	16.058	16.121	16.138	11768	43563	2.01	0.28	0.1
49	16.213	16.258	16.317	24566	67606	3.11	0.43	0.3
50	16.331	16.367	16.424	86356	189523	8.73	1.20	1.0

# Analysis Report

Chromatogram Peaks

Textbox50

Peak	Start	RT	End	Height	Area	Area %	Area Sum %	SNR
51	16.733	16.802	16.907	14359	75929	3.50	0.48	0.2
52	17.362	17.425	17.465	147574	323246	14.88	2.04	1.8
53	17.568	17.620	17.703	273778	668047	30.76	4.22	3.3
54	17.843	17.877	17.912	22630	63153	2.91	0.40	0.3
55	18.524	18.616	18.627	17012	66252	3.05	0.42	0.2
56	18.907	18.942	18.970	38618	82435	3.80	0.52	0.5
57	19.079	19.176	19.228	35370	166000	7.64	1.05	0.4
58	19.657	19.737	19.764	22312	77019	3.55	0.49	0.3
59	20.443	20.527	20.579	37465	181918	8.37	1.15	0.4
60	21.133	21.293	21.359	49215	425569	19.59	2.69	0.6
61	21.585	21.688	21.751	50894	267523	12.32	1.69	0.6
62	22.054	22.232	22.289	66792	575452	26.49	3.63	0.8
63	22.466	22.598	22.678	44951	333112	15.34	2.10	0.5
64	22.724	22.787	22.804	33935	113808	5.24	0.72	0.4
65	22.907	22.993	23.096	62769	375316	17.28	2.37	0.7
66	23.317	23.456	23.524	31543	220423	10.15	1.39	0.4
67	25.820	25.854	25.894	42706	83344	3.84	0.53	0.5
68	26.000	26.140	26.272	47427	389157	17.92	2.46	0.6
69	26.872	26.912	26.975	38422	164730	7.58	1.04	0.5
70	27.313	27.347	27.376	34361	82244	3.79	0.52	0.4
71	27.782	27.908	28.000	40539	304306	14.01	1.92	0.5
72	31.776	31.971	32.034	30732	252507	11.62	1.59	0.4
73	32.549	32.686	32.841	37490	399718	18.40	2.52	0.4
74	34.609	34.717	34.803	34598	243246	11.20	1.54	0.4

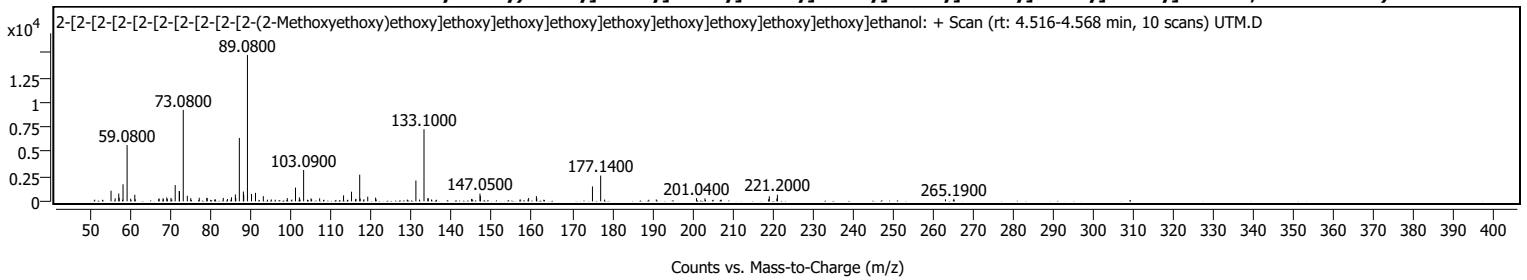
Signal-to-Noise Details

Noise Type	Signal Type	Noise Multiplier	Noise	Start	End
PeakToPeak	Height	1.0	83864	23.598	24.598

Sample Spectra

+ Scan (rt: 4.516-4.568 min)

Peak 1 from + TIC Scan (2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)

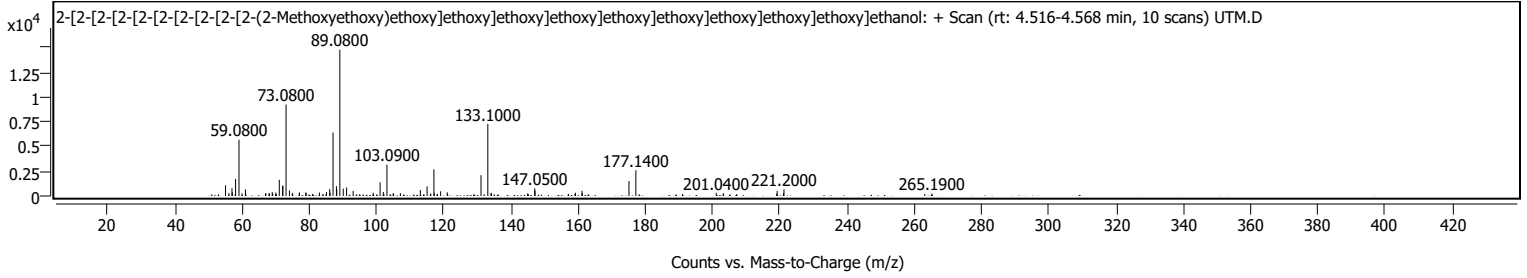


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	57.41	57.41	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	56.62	56.62	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	55.89	55.89	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	55.85	55.85	NIST20.L
LibSearch	18-Crown-6, [2-(diethylboryl)phenyl]-	C22H37BO6	1010161-99-8	54.74	54.74	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	54.74	54.74	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C20H42O11	5579-66-8	54.69	54.69	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C22H46O12	6809-70-7	54.37	54.37	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocycloecosane	C14H28O8	77887-94-6	54.30	54.30	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C24H50O13	1000352-12-7	53.96	53.96	NIST20.L

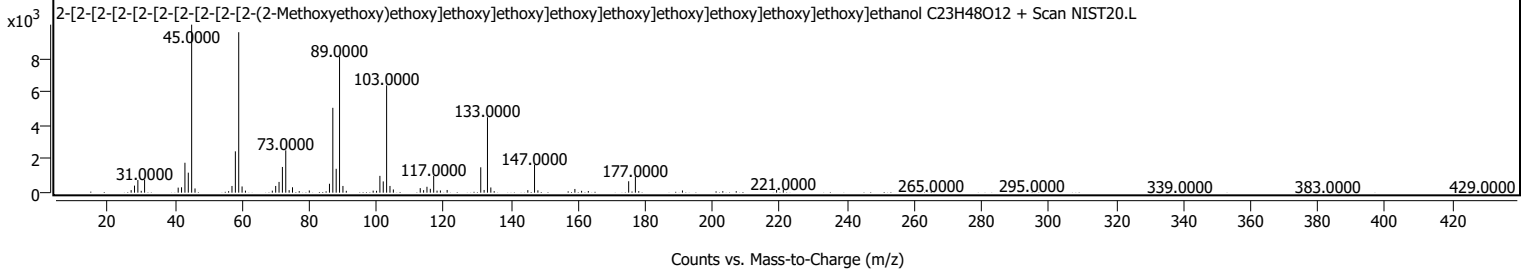
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	57.41	57.41	NIST20.L

# Analysis Report

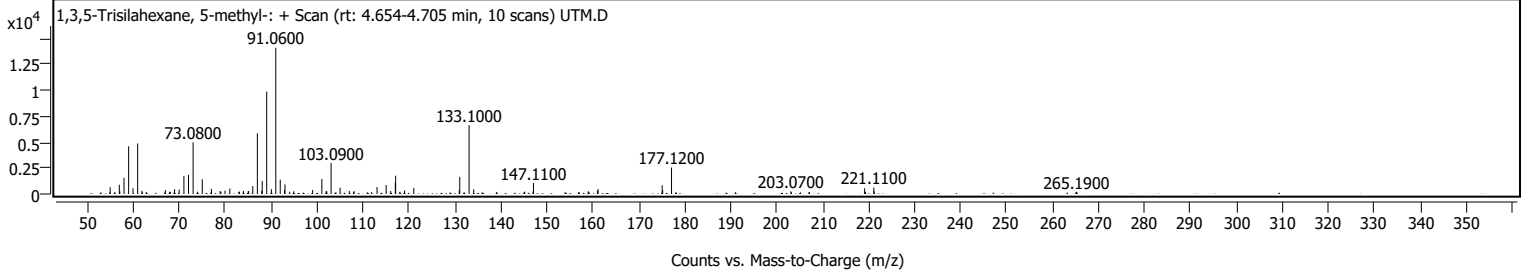
## Observed Spectrum



## Library Spectrum



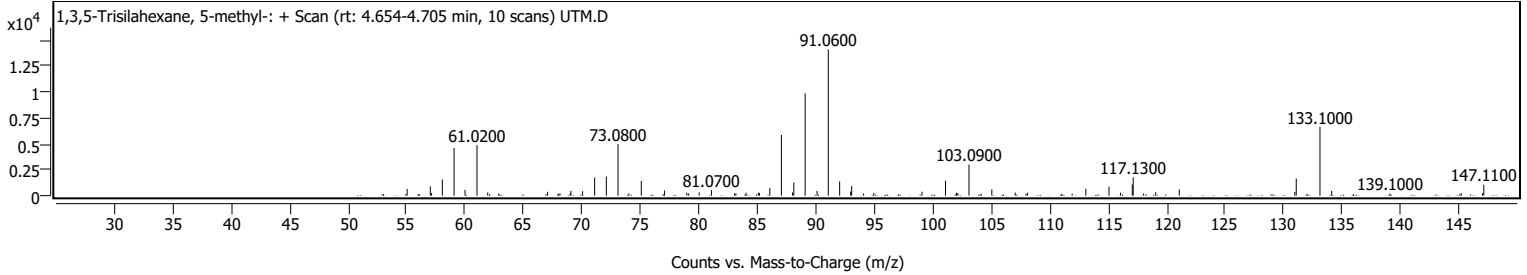
## + Scan (rt: 4.654-4.705 min) Peak 2 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	51.88	51.88	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	50.41	50.41	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	49.04	49.04	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	48.91	48.91	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	48.64	48.64	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	47.06	47.06	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C20H42O11	5579-66-8	46.78	46.78	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	46.61	46.61	NIST20.L
LibSearch	Borane, chlorodipropyl-	C6H14BCl	22086-53-9	46.30	46.30	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C22H46O12	6809-70-7	46.12	46.12	NIST20.L

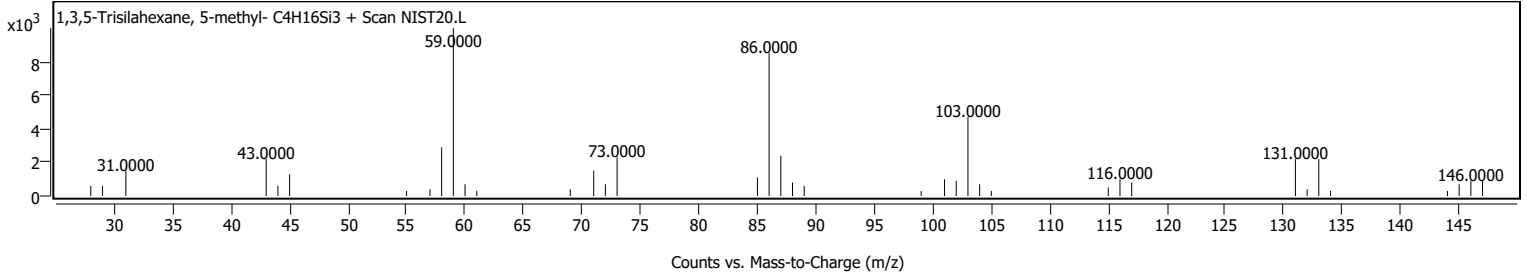
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	51.88	51.88	NIST20.L

## Observed Spectrum

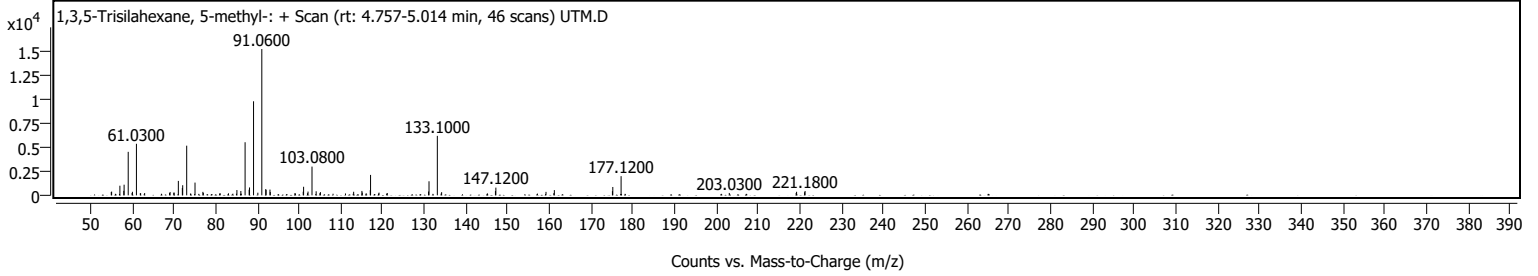


# Analysis Report

## Library Spectrum



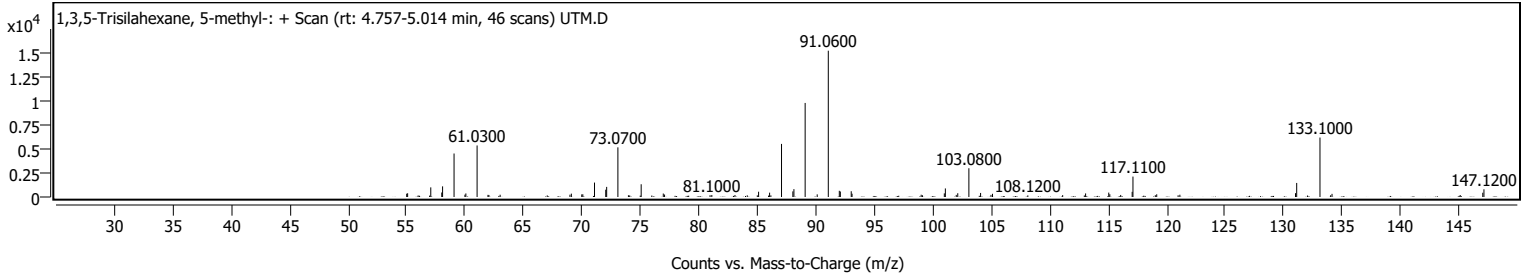
## + Scan (rt: 4.757-5.014 min) Peak 3 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



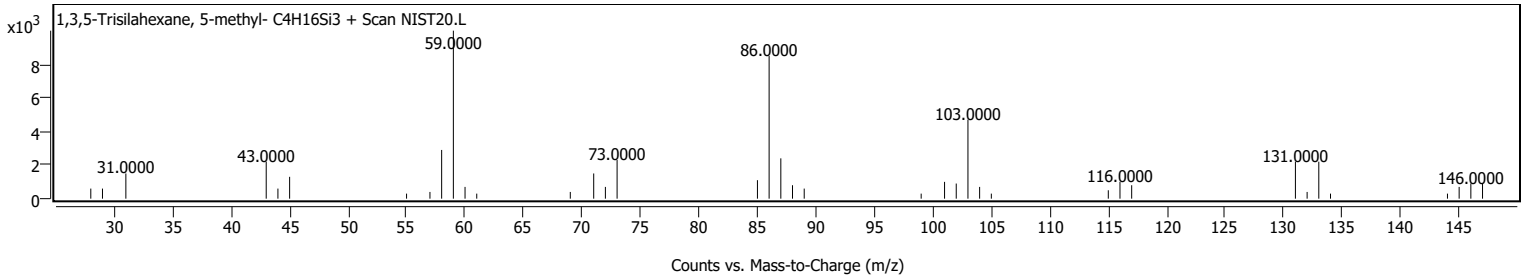
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	52.45	52.45	NIST20.L
LibSearch	Silane, methylenebis(methyl-	C3H12Si2	5654-05-7	50.83	50.83	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	49.70	49.70	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	49.38	49.38	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	48.13	48.13	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	47.97	47.97	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	46.70	46.70	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C20H42O11	5579-66-8	46.18	46.18	NIST20.L
LibSearch	Borane, chlorodipropyl-	C6H14BCl	22086-53-9	46.11	46.11	NIST20.L
LibSearch	2-(2-Methoxyethoxy)ethanol, TBDMS derivative	C11H26O3Si	1000352-11-7	45.30	45.30	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	52.45	52.45	NIST20.L

## Observed Spectrum



## Library Spectrum



## + Scan (rt: 6.433-6.656 min) Peak 4 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)

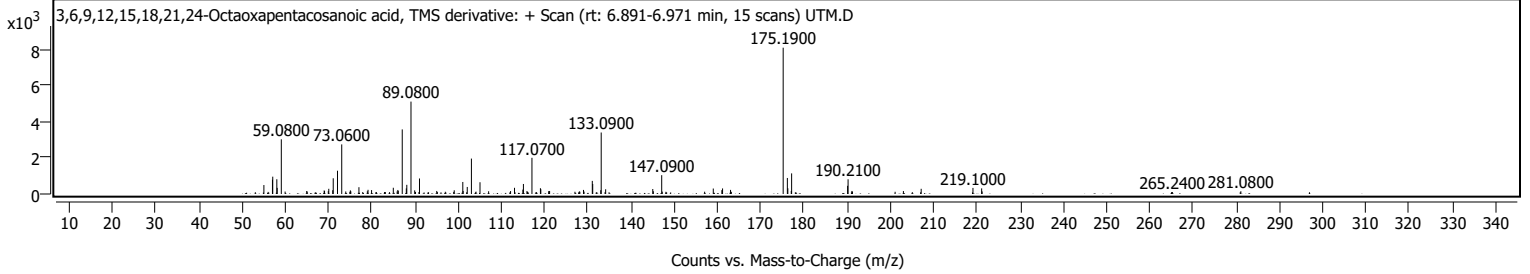


# Analysis Report

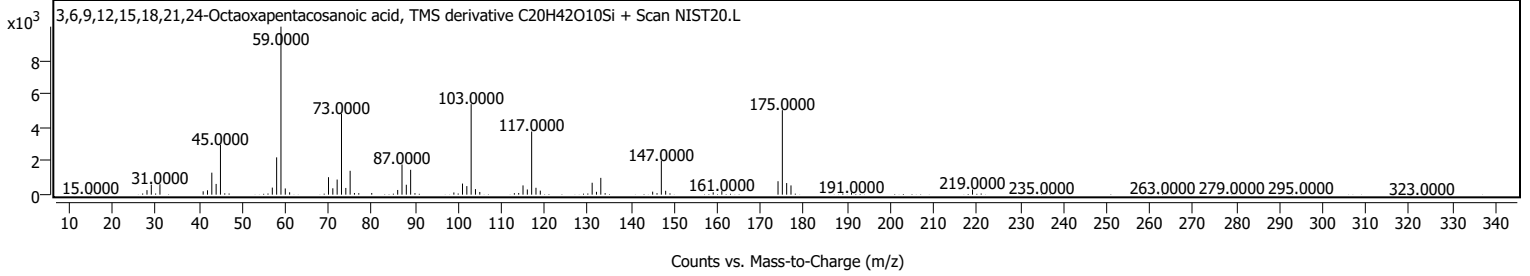
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	3,6,9,12,15,18,21,24-Octaoxapentacosanoic acid, TMS derivative	C20H42O10Si	1000366-79-1	54.87	54.87	NIST20.L
LibSearch	3,6,9,12,15,18,21,24,27-Nonaoxaoctacosanoic acid, TMS derivative	C22H46O11Si	1000366-79-8	54.72	54.72	NIST20.L
LibSearch	3,6,9,12,15,18,21-Heptaoadocosanoic acid, TMS derivative	C18H38O9Si	1000366-79-2	54.20	54.20	NIST20.L
LibSearch	Methyl N,N-dipropylphosphoramidocyanidate	C8H17N2O2P	1000298-42-0	53.02	53.02	NIST20.L
LibSearch	Aluminum, bis[diethyl(methoxy)]bis-	C10H26Al2O2	102773-95-5	52.86	52.86	NIST20.L
LibSearch	(2S,13S)-12,13-Dihydroxy-1,4,7,10-tetraoxacyclotetradecane	C10H20O6	117666-56-5	52.84	52.84	NIST20.L
LibSearch	3,6,9,12,15,18-Hexaoxonadecanoic acid, TMS derivative	C16H34O8Si	1000366-79-3	52.68	52.68	NIST20.L
LibSearch	3,6,9,12,15-Pentaoxahexadecanoic acid, TMS derivative	C14H30O7Si	1000366-79-4	51.20	51.20	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	49.95	49.95	NIST20.L
LibSearch	Methyl 3-hydroxybutyrate, TMS derivative	C8H18O3Si	55590-74-4	49.40	49.40	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
3,6,9,12,15,18,21,24-Octaoxapentacosanoic acid, TMS derivative	C20H42O10Si	1000366-79-1	54.87	54.87	NIST20.L

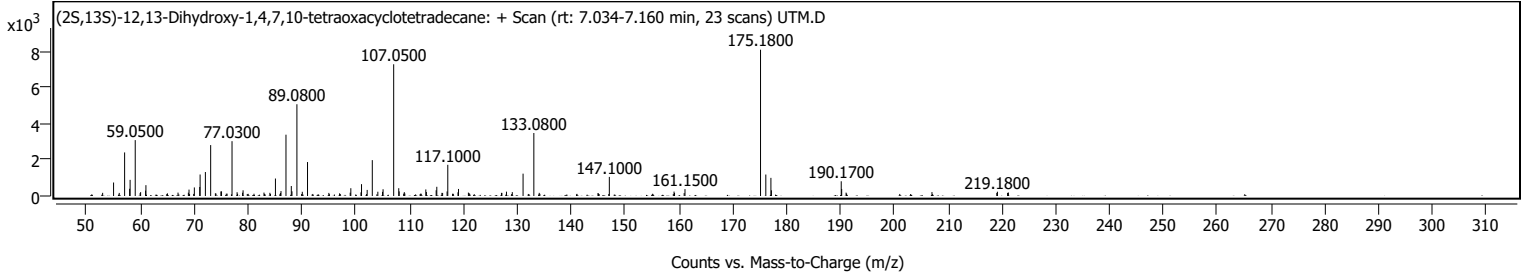
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 7.034-7.160 min) Peak 6 from + TIC Scan ((2S,13S)-12,13-Dihydroxy-1,4,7,10-tetraoxacyclotetradecane; C10H20O6)

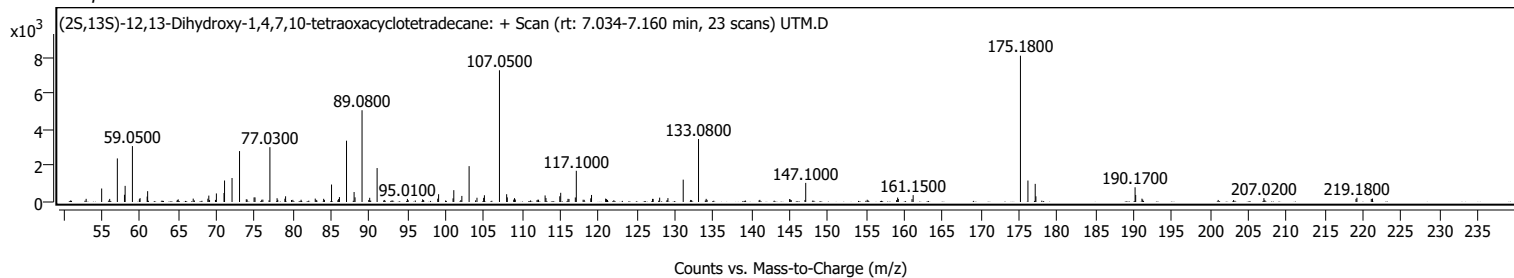


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	(2S,13S)-12,13-Dihydroxy-1,4,7,10-tetraoxacyclotetradecane	C10H20O6	117666-56-5	54.44	54.44	NIST20.L
LibSearch	Methyl 3-hydroxybutyrate, TMS derivative	C8H18O3Si	55590-74-4	46.11	46.11	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	45.96	45.96	NIST20.L
LibSearch	4-[1,23]Thiadiazole-benzamidoxime, o-(ehtenylcarbonyl)-	C12H10N4O2S	1000300-64-9	44.71	44.71	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocycloeoicosane	C14H28O8	77887-94-6	44.48	44.48	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	43.68	43.68	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	42.52	42.52	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	42.16	42.16	NIST20.L
LibSearch	2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	41.21	41.21	NIST20.L
LibSearch	Methyl 2-((tert-butyl)dimethylsilyloxy)butanoate	C11H24O3Si	1000481-12-1	40.70	40.70	NIST20.L

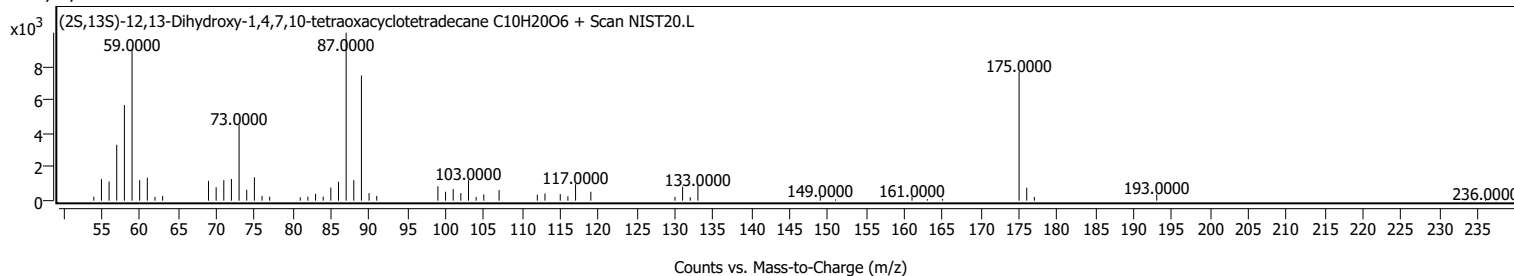
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
(2S,13S)-12,13-Dihydroxy-1,4,7,10-tetraoxacyclotetradecane	C10H20O6	117666-56-5	54.44	54.44	NIST20.L

# Analysis Report

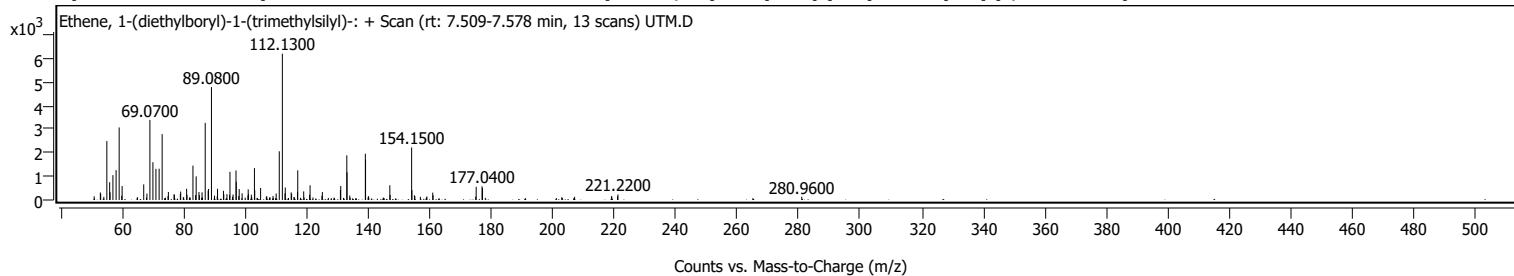
## Observed Spectrum



## Library Spectrum



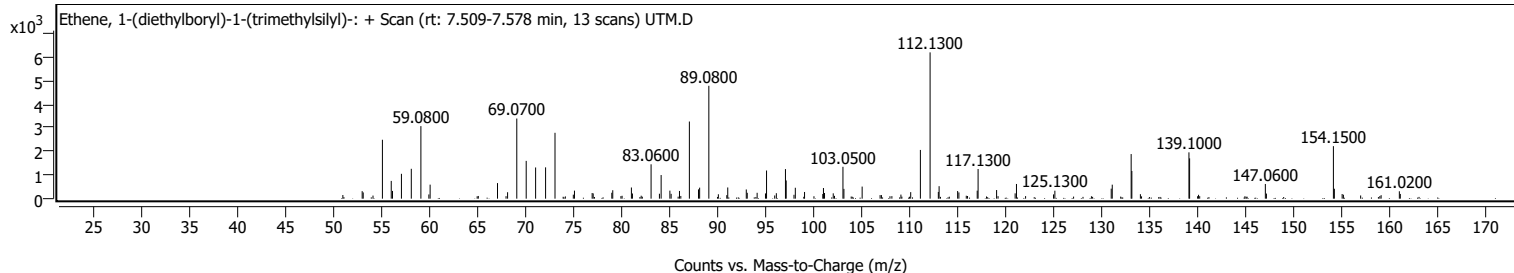
## + Scan (rt: 7.509-7.578 min) Peak 7 from + TIC Scan (Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-; C9H21BSi)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-	C9H21BSi	157489-80-0	49.47	49.47	NIST20.L
LibSearch	Silane, f(methylsilyl)methyl(silylmethyl)-	C3H14Si3	5695-49-8	47.95	47.95	NIST20.L
LibSearch	4-n-Pentylthiane, S,S-dioxide	C10H20O2S	65865-33-0	46.43	46.43	NIST20.L
LibSearch	Silane, methylenebis(methyl)-	C3H12Si2	5654-05-7	45.26	45.26	NIST20.L
LibSearch	L-Menthone	C10H18O	14073-97-3	44.67	44.67	NIST20.L
LibSearch	4-n-Hexylthiane, S,S-dioxide	C11H22O2S	70928-52-8	43.99	43.99	NIST20.L
LibSearch	2,2-Dimethylhexyl methylphosphonofluoridate	C9H20FO2P	19447-69-9	43.73	43.73	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	C10H18O	491-07-6	43.62	43.62	NIST20.L
LibSearch	3-Hexene, 3-diethylboryl-4-trimethylsilyl-	C13H29BSi	59766-51-7	43.24	43.24	NIST20.L
LibSearch	Borane, diethyl[1-(trimethylsilyl)methylene]propyl]-, (Z)-	C11H25BSi	125236-50-2	42.90	42.90	NIST20.L

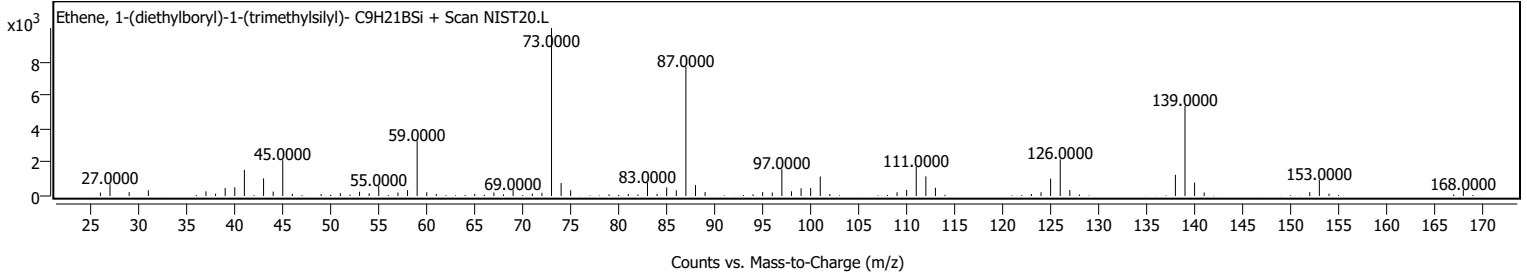
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-	C9H21BSi	157489-80-0	49.47	49.47	NIST20.L

## Observed Spectrum

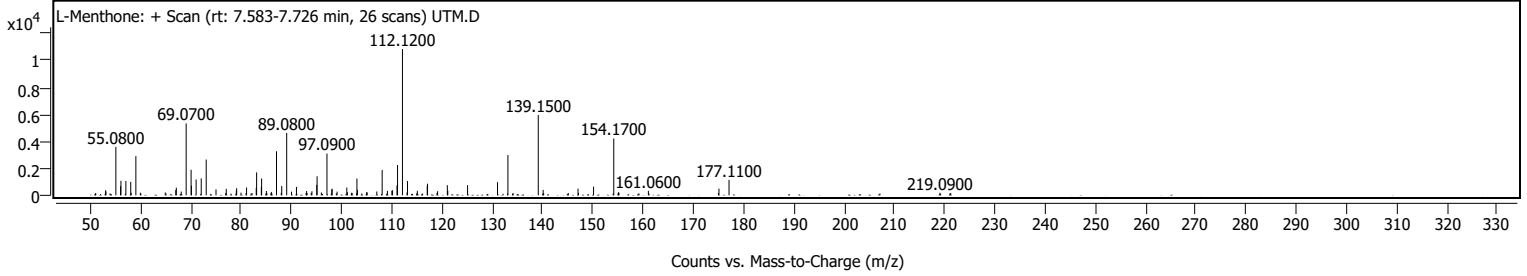


# Analysis Report

## Library Spectrum



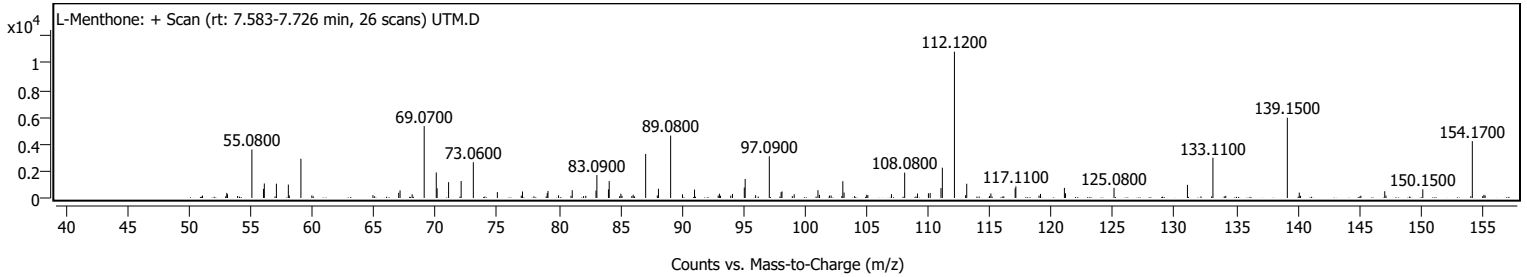
## + Scan (rt: 7.583-7.726 min) Peak 8 from + TIC Scan (L-Menthone; C10H18O)



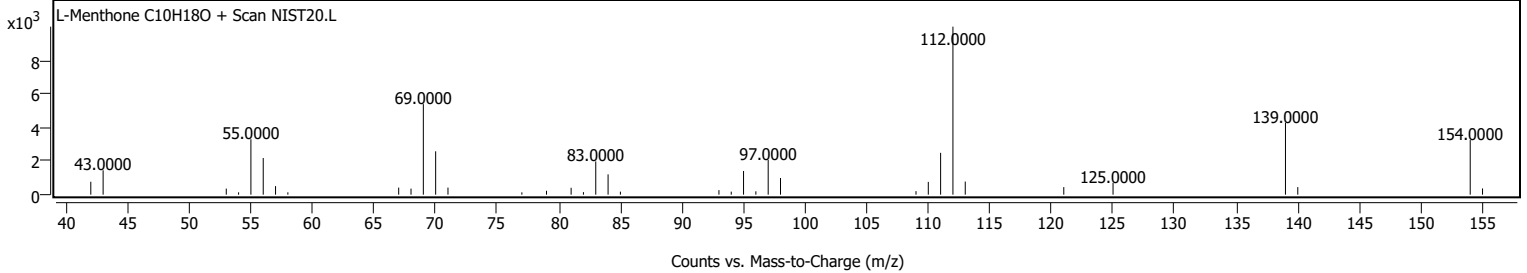
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	L-Menthone	C10H18O	14073-97-3	50.42	50.42	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	C10H18O	491-07-6	48.94	48.94	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R-trans)-	C10H18O	3391-87-5	47.39	47.39	NIST20.L
LibSearch	L-Menthone	C10H18O	14073-97-3	47.32	47.32	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans-	C10H18O	89-80-5	46.75	46.75	NIST20.L
LibSearch	L-Menthone	C10H18O	14073-97-3	46.70	46.70	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R-cis)-	C10H18O	1196-31-2	46.56	46.56	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	C10H18O	491-07-6	46.34	46.34	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-	C10H18O	10458-14-7	46.20	46.20	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R-cis)-	C10H18O	1196-31-2	46.10	46.10	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
L-Menthone	C10H18O	14073-97-3	50.42	50.42	NIST20.L

## Observed Spectrum

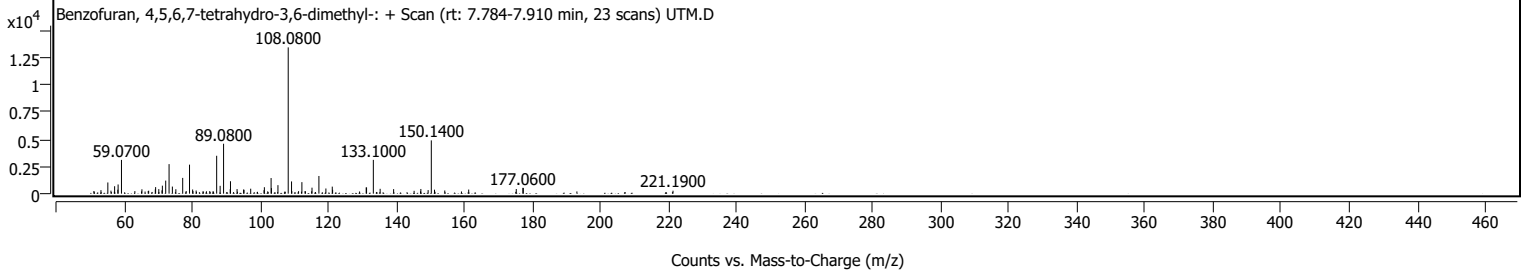


## Library Spectrum



## + Scan (rt: 7.784-7.910 min) Peak 9 from + TIC Scan (Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-; C10H14O)

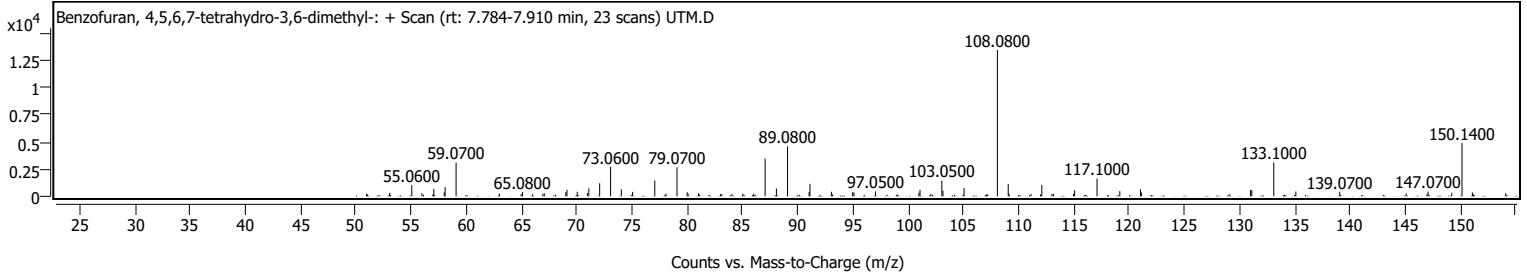
# Analysis Report



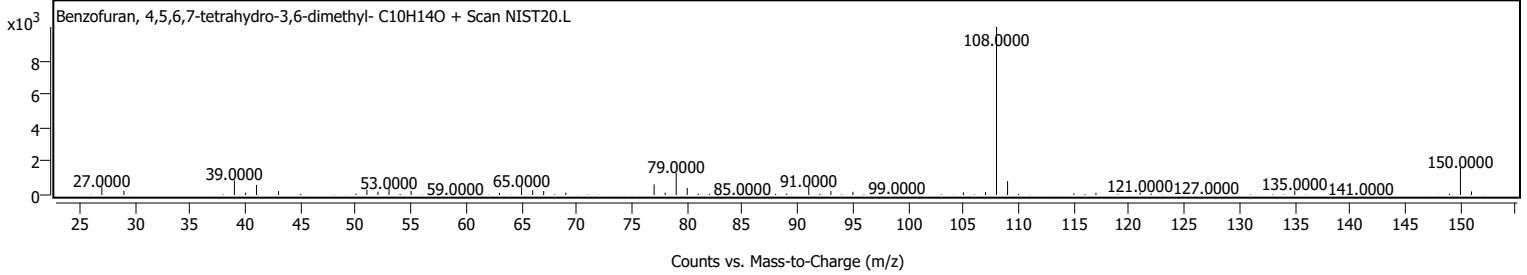
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-	C10H14O	494-90-6	47.50	47.50	NIST20.L
LibSearch	Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-	C10H14O	494-90-6	44.94	44.94	NIST20.L
LibSearch	Trimethylamine (N-B) bis(trifluoromethyl)ethylborane trimethylamine	C7H14BF6N	1000163-00-5	44.60	44.60	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	44.44	44.44	NIST20.L
LibSearch	Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-	C10H14O	494-90-6	43.47	43.47	NIST20.L
LibSearch	Semicarbazide, 4,4',4''-phosphinylidynetris(1-phenyl-	C21H24N9O4P	16221-22-0	42.74	42.74	NIST20.L
LibSearch	3-Hexene, 3-diethylboryl-4-trimethylsilyl-	C13H29BSi	59766-51-7	42.70	42.70	NIST20.L
LibSearch	(7S)-(-)-10,10-di-Me-5-thia-4-azatricyclo[5.2.1.0-3,7]dec-3-ene-5,5-dioxide	C10H15NO2S	60886-80-8	41.73	41.73	NIST20.L
LibSearch	Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-	C10H14O	494-90-6	41.40	41.40	NIST20.L
LibSearch	(3Ar)-(+)-8,8-dimethyl-4,5,6,7-tetrahydro-3H-3a,6-methano-2,1-benzisothiazole 2,2-dioxide	C10H15NO2S	107869-45-4	40.83	40.83	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Benzofuran, 4,5,6,7-tetrahydro-3,6-dimethyl-	C10H14O	494-90-6	47.50	47.50	NIST20.L

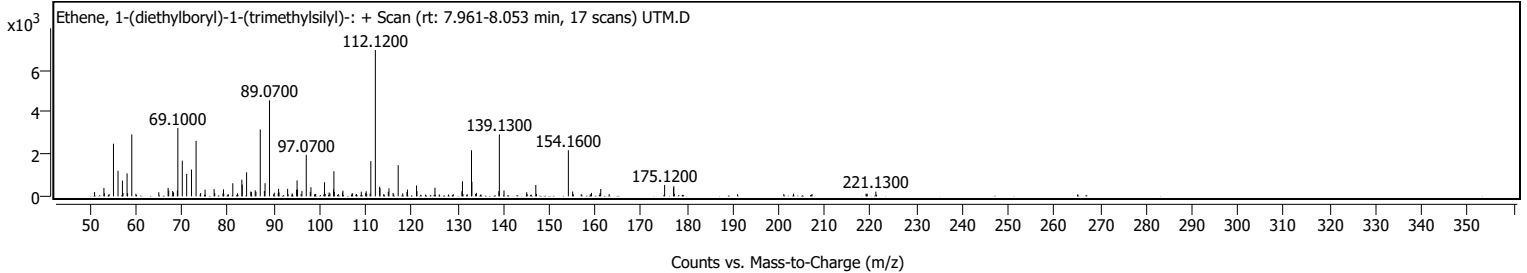
### Observed Spectrum



### Library Spectrum



### + Scan (rt: 7.961-8.053 min) Peak 10 from + TIC Scan (Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-; C9H21BSi)

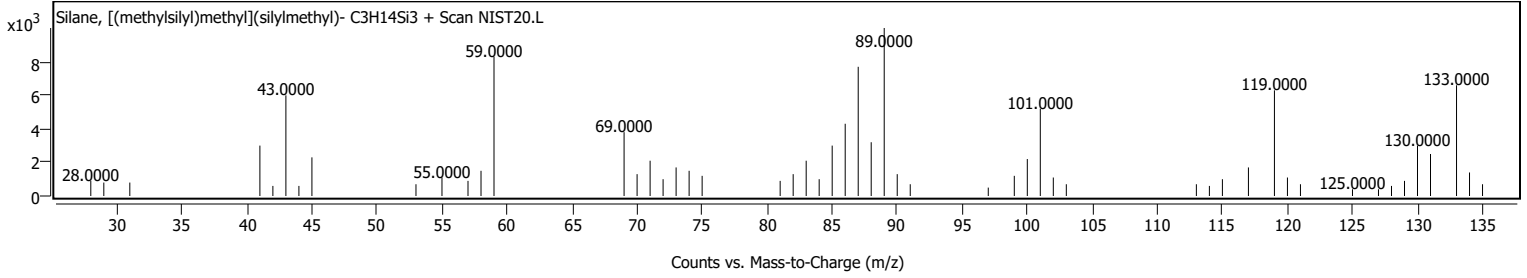


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-	C9H21BSi	157489-80-0	50.28	50.28	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	47.78	47.78	NIST20.L
LibSearch	5-Cyclopropyl-2H-tetraazole, TMS derivative	C7H14N4Si	1000478-75-5	47.29	47.29	NIST20.L
LibSearch	5-Ethyl-5-methoxymethyl-2-methyl-1,3,2-dioxaphosphinane-2-oxide (isomer 1)	C8H17O4P	1010510-38-2	46.20	46.20	NIST20.L
LibSearch	L-Menthone	C10H18O	14073-97-3	46.15	46.15	NIST20.L
LibSearch	4-n-Pentylthiane, S,S-dioxide	C10H20O2S	65865-33-0	46.05	46.05	NIST20.L
LibSearch	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	C10H18O	491-07-6	44.93	44.93	NIST20.L
LibSearch	1-Propanimine, N-(2-ethylcyclohexyl)-, N-oxide	C11H21NO	1000187-25-8	43.92	43.92	NIST20.L
LibSearch	3-Hexene, 3-diethylboryl-4-trimethylsilyl-	C13H29BSi	59766-51-7	43.49	43.49	NIST20.L
LibSearch	4-n-Hexylthiane, S,S-dioxide	C11H22O2S	70928-52-8	43.42	43.42	NIST20.L

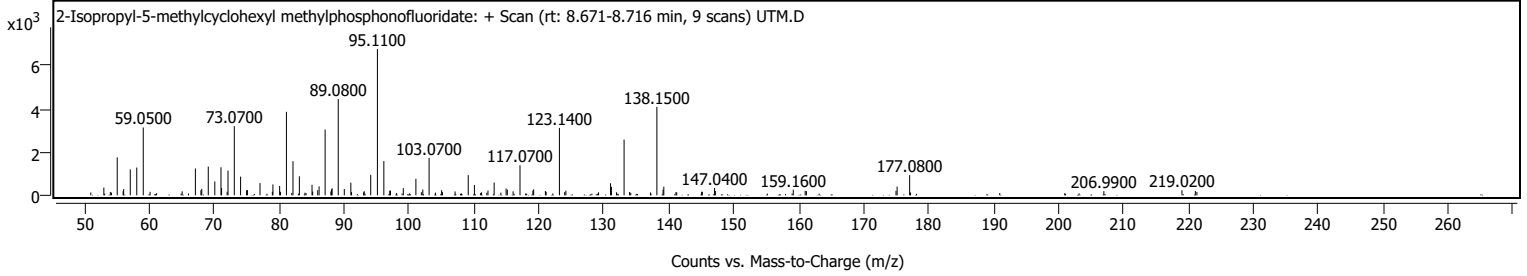


# Analysis Report

## Library Spectrum



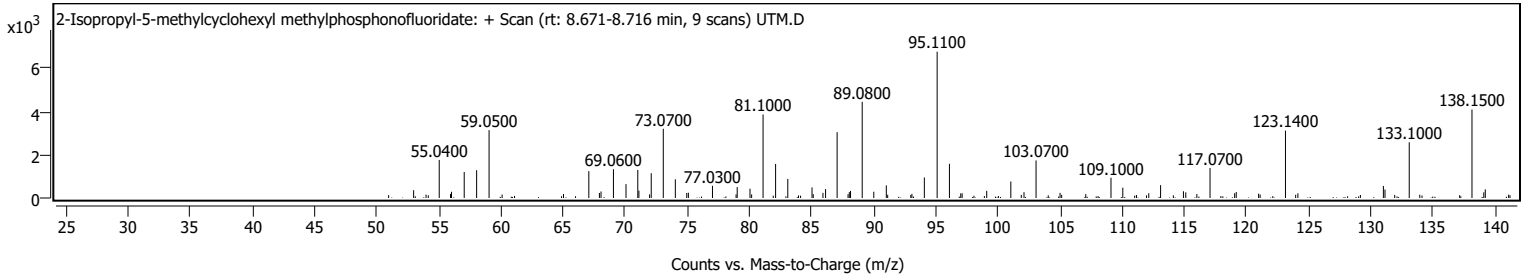
## + Scan (rt: 8.671-8.716 min) Peak 12 from + TIC Scan (2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate; C11H22FO2P)



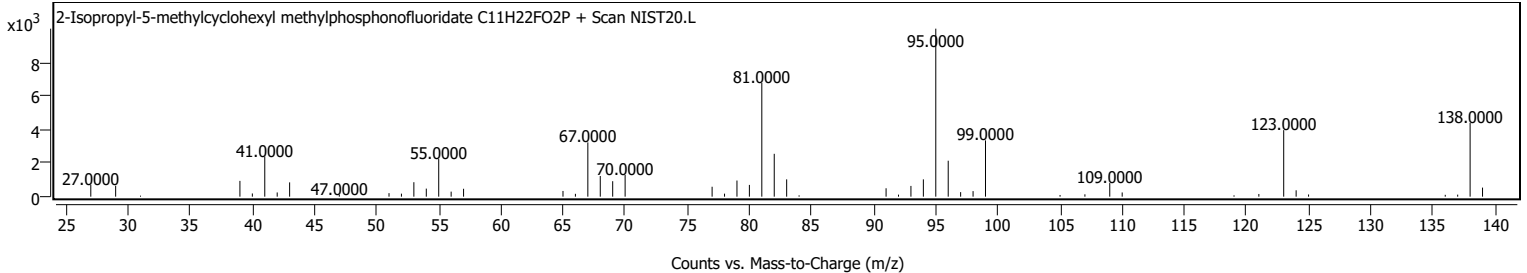
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	58.77	58.77	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate	C12H24FO2P	1000298-34-0	57.77	57.77	NIST20.L
LibSearch	Diazoacetic acid, 2-isopropyl-5-methylcyclohexyl ester	C12H20N2O2	1000188-20-3	57.44	57.44	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	57.14	57.14	NIST20.L
LibSearch	Phosphine sulfide, dichloromethyl-	C10H19Cl2PS	103953-58-8	56.29	56.29	NIST20.L
LibSearch	5-(2-Oxo-[1,2]oxathiolan-3-yl)pentanoic acid, methyl ester	C9H16O4S	1000186-41-5	51.52	51.52	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	51.36	51.36	NIST20.L
LibSearch	Phosphine sulfide, chloro(D-menthyl)phenyl-	C16H24ClPS	1010159-02-3	51.29	51.29	NIST20.L
LibSearch	2H-1,2-Oxaborin, 3,6-dihydro-2,3,3-tripropyl-	C13H25BO	32765-45-0	48.85	48.85	NIST20.L
LibSearch	2,2-Dimethylocta-3,4-dienal	C10H16O	590-71-6	48.57	48.57	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	58.77	58.77	NIST20.L

## Observed Spectrum

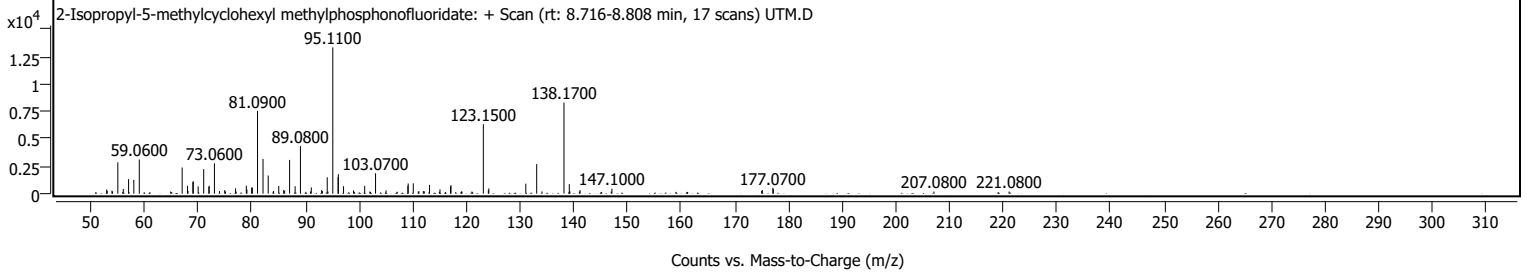


## Library Spectrum



## + Scan (rt: 8.716-8.808 min) Peak 13 from + TIC Scan (2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate; C11H22FO2P)

# Analysis Report

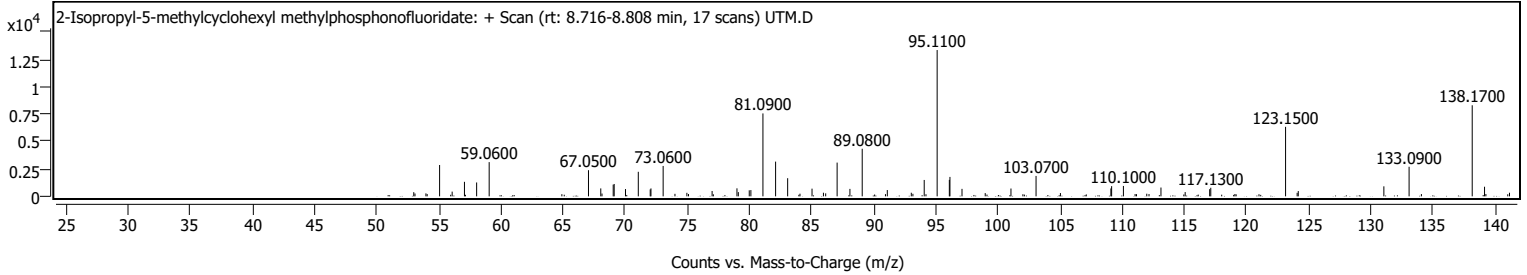


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	66.23	66.23	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate	C12H24FO2P	1000298-34-0	65.79	65.79	NIST20.L
LibSearch	Diazoacetic acid, 2-isopropyl-5-methylcyclohexyl ester	C12H20N2O2	1000188-20-3	64.85	64.85	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	63.49	63.49	NIST20.L
LibSearch	Phosphine sulfide, dichloromethyl-	C10H19Cl2PS	103953-58-8	62.61	62.61	NIST20.L
LibSearch	3,3,5,5-Tetramethylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1000298-38-5	57.24	57.24	NIST20.L
LibSearch	3,3,5,5-Tetramethylcyclohexyl ethylphosphonofluoridate	C12H24FO2P	1010298-33-8	56.47	56.47	NIST20.L
LibSearch	Phosphine sulfide, chloro(D-menthyl)phenyl-	C16H24ClPS	1010159-02-3	56.13	56.13	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexanyl propylphosphonofluoridate	C13H26FO2P	1000298-30-9	55.52	55.52	NIST20.L
LibSearch	2-isopropyl-5-methylcyclohexanyl isopropylphosphonofluoridate	C13H26FO2P	1000298-28-3	54.93	54.93	NIST20.L

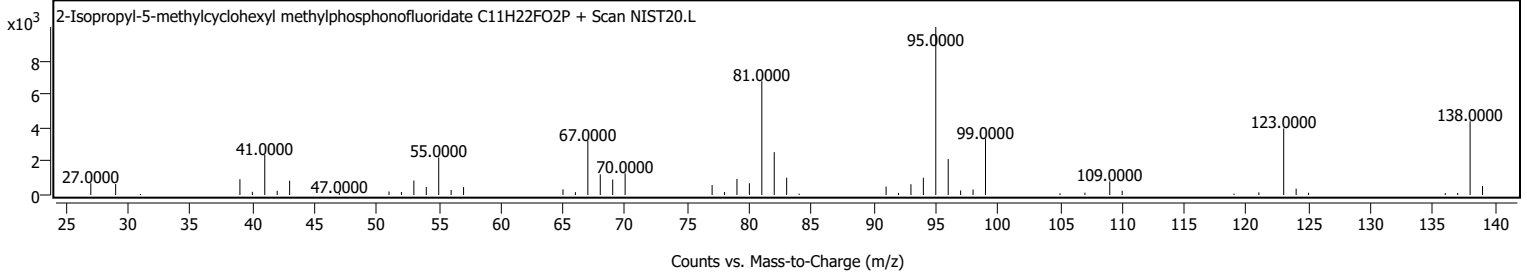
  

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	66.23	66.23	NIST20.L

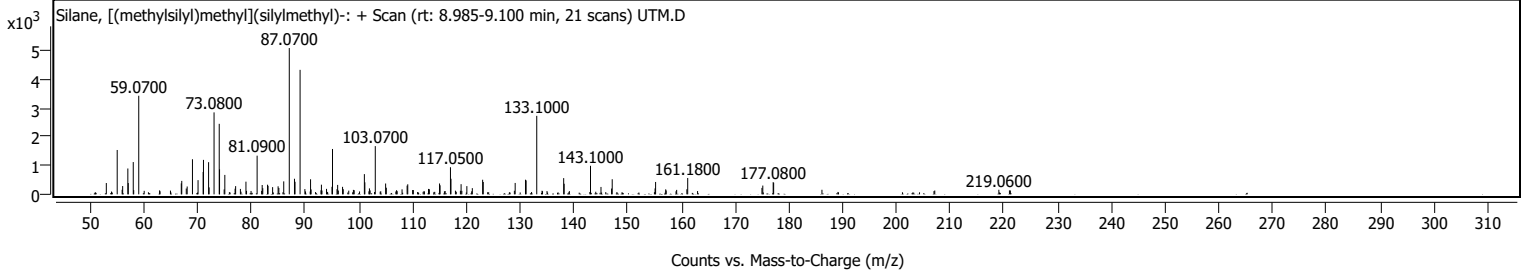
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 8.985-9.100 min) Peak 14 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



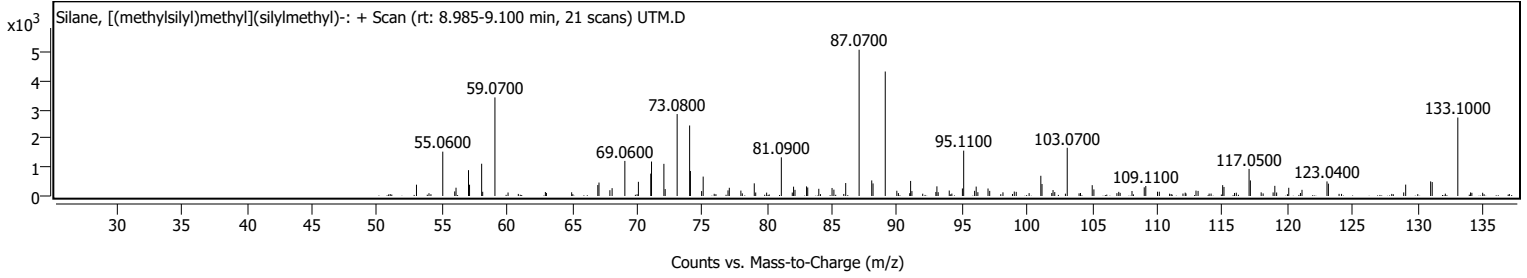
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.00	58.00	NIST20.L
LibSearch	Silane, methylenebis(methyl-	C3H12Si2	5654-05-7	51.42	51.42	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	49.85	49.85	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	49.50	49.50	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	44.54	44.54	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	44.44	44.44	NIST20.L
LibSearch	15,15'-Bi-1,4,7,10,13-pentaoxacyclohexadecane	C22H42O10	109773-67-3	44.38	44.38	NIST20.L
LibSearch	(2S,2'S)-2,2'-Bis[1,4,7,10,13-pentaoxacyclopentadecane]	C20H38O10	95721-96-3	44.24	44.24	NIST20.L
LibSearch	Diazomethane, bis-(trimethylsilyl)-	C7H18N2Si2	30006-66-7	43.77	43.77	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	43.39	43.39	NIST20.L

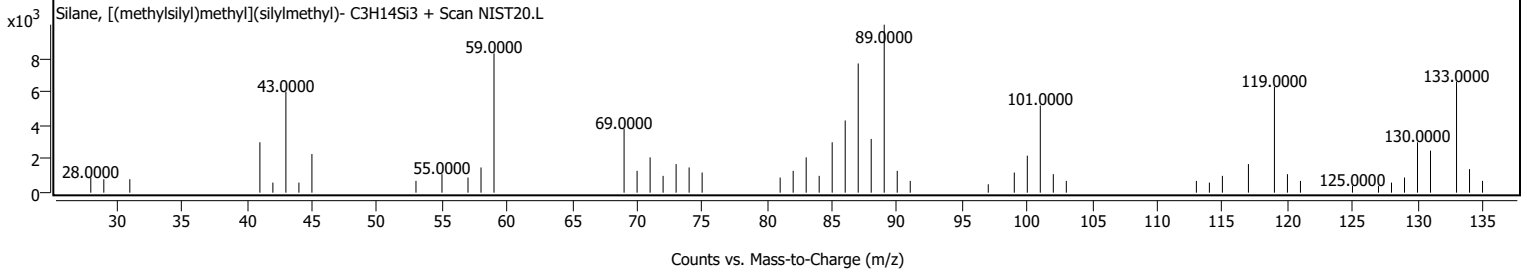
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.00	58.00	NIST20.L

# Analysis Report

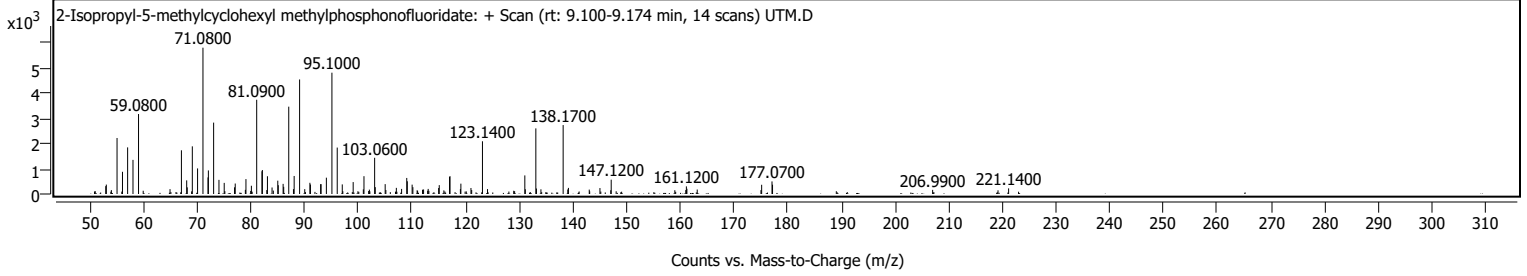
## Observed Spectrum



## Library Spectrum



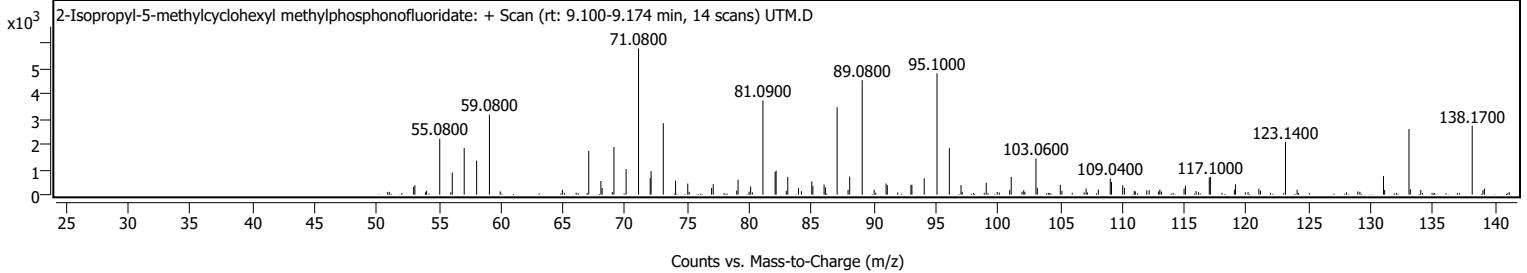
## + Scan (rt: 9.100-9.174 min) Peak 15 from + TIC Scan (2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate; C11H22FO2P)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	56.48	56.48	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	55.30	55.30	NIST20.L
LibSearch	Phosphine sulfide, dichloromethyl-	C10H19Cl2PS	103953-58-8	54.41	54.41	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	51.05	51.05	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	49.97	49.97	NIST20.L
LibSearch	Phosphine sulfide, chloro(D-menthyl)phenyl-	C16H24ClPS	1010159-02-3	48.91	48.91	NIST20.L
LibSearch	9-Borabicyclo[3.3.1]nonane, 9-(2-methylbutoxy)-	C13H25BO	94537-53-8	46.80	46.80	NIST20.L
LibSearch	2,4-Heptadiene, 5-diethylboryl-2-methyl-4-trimethylsilyl-	C15H31BSi	1000156-31-4	46.38	46.38	NIST20.L
LibSearch	Silane, methylenebis[methyl-]	C3H12Si2	5654-05-7	46.07	46.07	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	46.06	46.06	NIST20.L

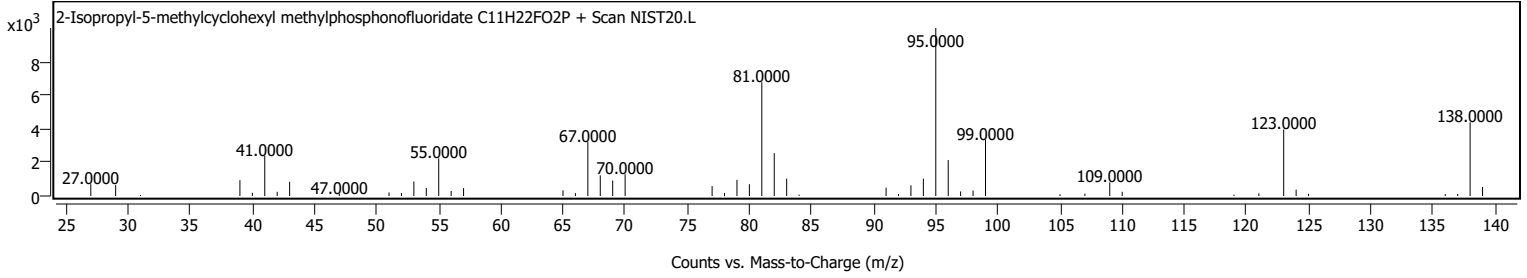
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	56.48	56.48	NIST20.L

## Observed Spectrum



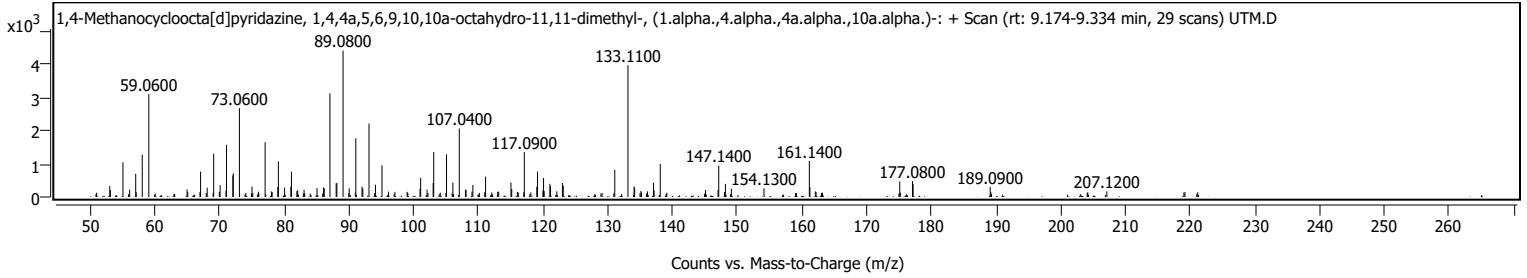
# Analysis Report

## Library Spectrum



## + Scan (rt: 9.174-9.334 min)

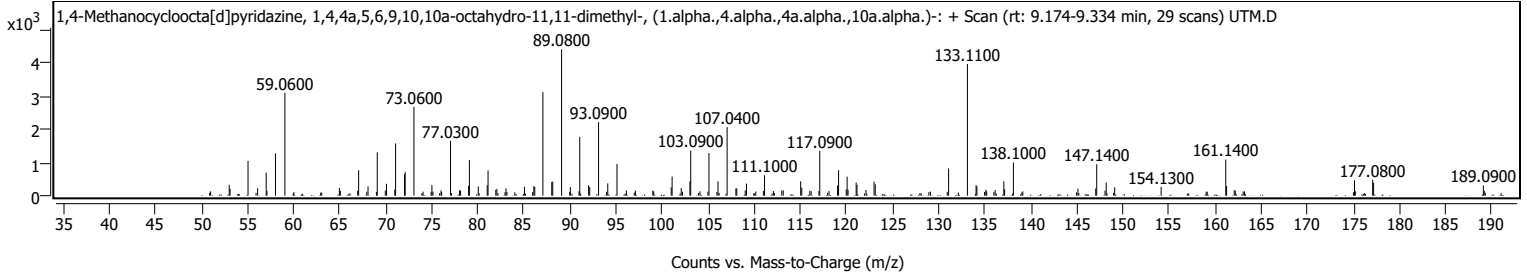
### Peak 16 from + TIC Scan (1,4-Methanocycloocta[d]pyridazine, 1,4,4a,5,6,9,10,10a-octahydro-11,11-dimethyl-, (1.alpha.,4.alpha.,4a.alpha.,10a.alpha.)-; C13H20N2)



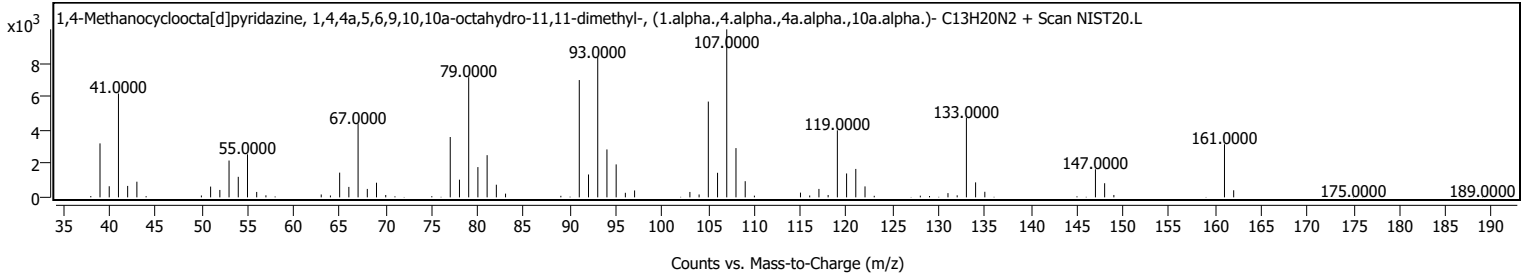
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,4-Methanocycloocta[d]pyridazine, 1,4,4a,5,6,9,10,10a-octahydro-11,11-dimethyl-, (1.alpha.,4.alpha.,4a.alpha.,10a.alpha.)-	C13H20N2	1000221-85-9	63.22	63.22	NIST20.L
LibSearch	Cyclooctene, 1-(9-borabicyclo[3.3.1]nonan-9-yl-2-iodo-, (Z)-	C16H26BI	1000155-59-4	52.38	52.38	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	51.80	51.80	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	51.29	51.29	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	47.67	47.67	NIST20.L
LibSearch	Bicyclo[5.2.0]nonane, 2-methylene-4,8,8-trimethyl-4-vinyl-	C15H24	242794-76-9	47.49	47.49	NIST20.L
LibSearch	Caryophyllene	C15H24	87-44-5	47.05	47.05	NIST20.L
LibSearch	15,15'-Bi-1,4,7,10,13-pentaoxacyclohexadecane	C22H42O10	109773-67-3	45.50	45.50	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclonadecane	C26H50O12	109773-68-4	44.99	44.99	NIST20.L
LibSearch	3-Hexene, 3-diethylboryl-4-trimethylsilyl-	C13H29BSi	59766-51-7	44.61	44.61	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,4-Methanocycloocta[d]pyridazine, 1,4,4a,5,6,9,10,10a-octahydro-11,11-dimethyl-, (1.alpha.,4.alpha.,4a.alpha.,10a.alpha.)-	C13H20N2	1000221-85-9	63.22	63.22	NIST20.L

## Observed Spectrum



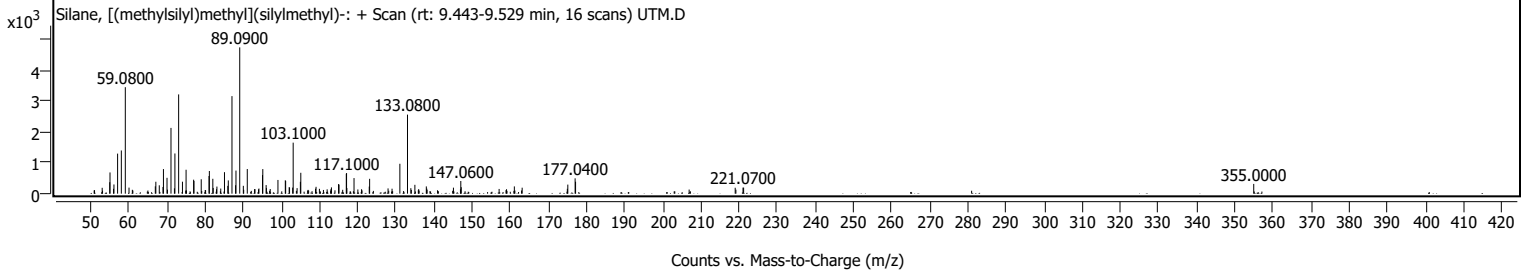
## Library Spectrum



## + Scan (rt: 9.443-9.529 min)

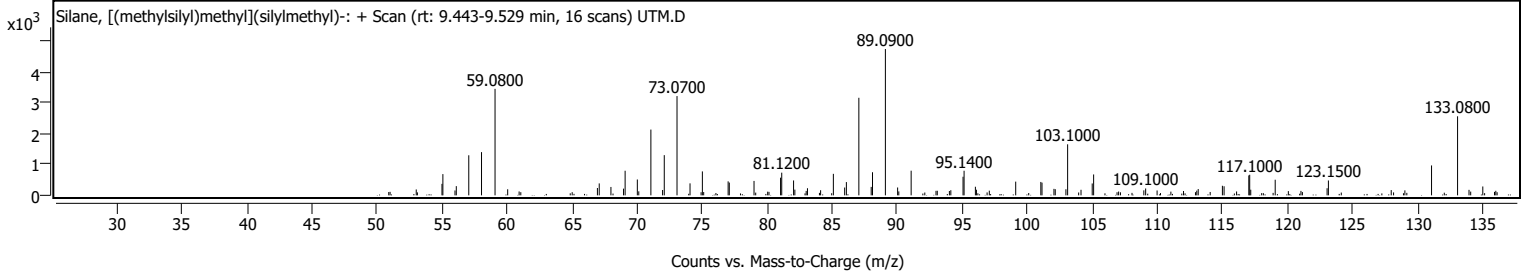
### Peak 17 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

# Analysis Report

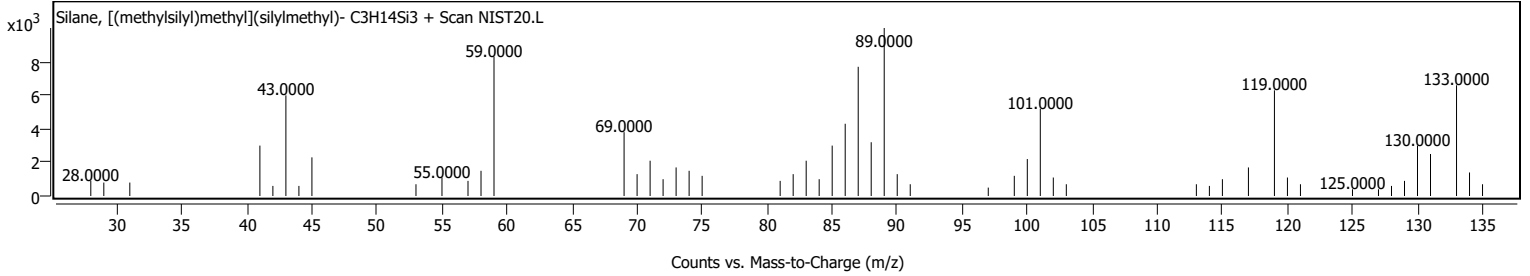


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.90	62.90	NIST20.L
LibSearch	Silane, methylenebis(methyl)-	C3H12Si2	5654-05-7	55.94	55.94	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	55.37	55.37	NIST20.L
LibSearch	1,1,1-Trimethylsilane	C3H12Si2	1000433-69-9	53.45	53.45	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocloencosane	C14H28O8	77887-94-6	49.64	49.64	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	48.10	48.10	NIST20.L
LibSearch	CH3SiH2SiH(CH3)2	C3H12Si2	814-74-4	47.96	47.96	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	47.95	47.95	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	47.72	47.72	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	47.67	47.67	NIST20.L
<b>Name</b>	<b>Formula</b>	<b>CAS</b>	<b>Score</b>	<b>Score (Lib)</b>	<b>Lib/DB</b>	
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.90	62.90	NIST20.L	

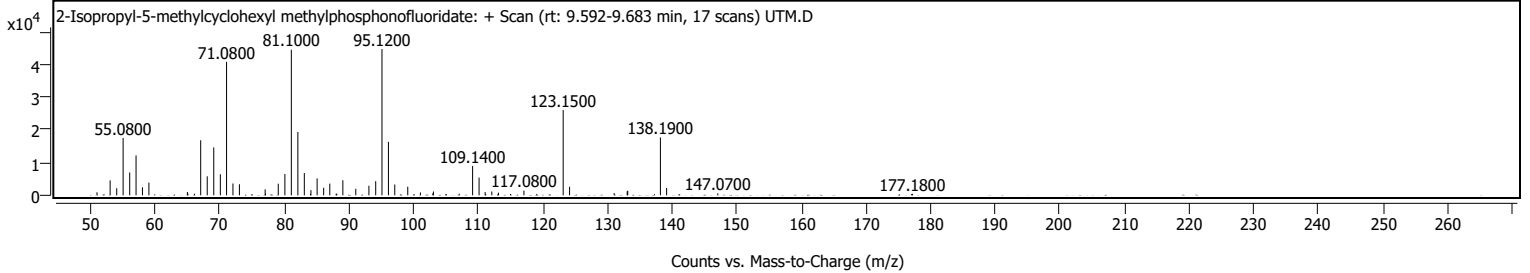
### Observed Spectrum



### Library Spectrum



### + Scan (rt: 9.592-9.683 min) Peak 18 from + TIC Scan (2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate; C11H22FO2P)

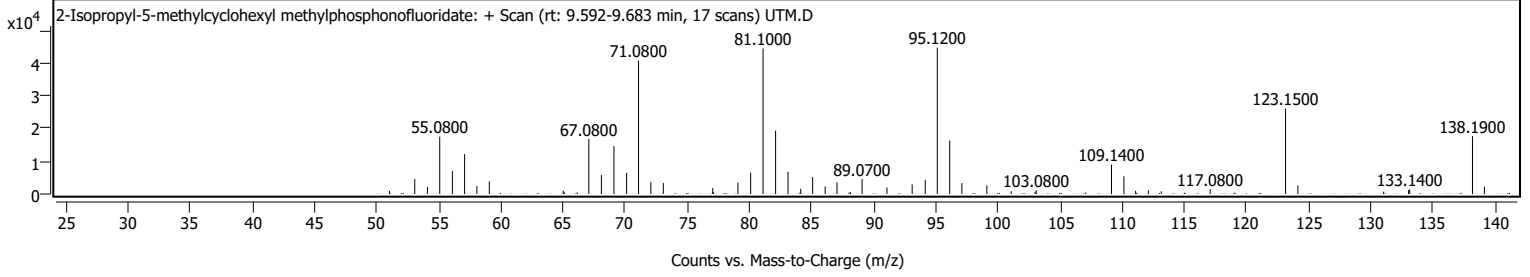


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	76.52	76.52	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	74.99	74.99	NIST20.L
LibSearch	Diazoacetic acid, 2-isopropyl-5-methylcyclohexyl ester	C12H20N2O2	1000188-20-3	73.47	73.47	NIST20.L
LibSearch	2-Isopropyl-5-methylcyclohexyl ethylphosphonofluoridate	C12H24FO2P	1000298-34-0	71.21	71.21	NIST20.L
LibSearch	Cyclohexanol, 5-methyl-2-(1-methylethyl)-	C10H20O	1490-04-6	69.10	69.10	NIST20.L
LibSearch	dl-Menthol	C10H20O	89-78-1	68.94	68.94	NIST20.L
LibSearch	dl-Menthol	C10H20O	89-78-1	68.56	68.56	NIST20.L
LibSearch	Phosphine sulfide, dichloromethyl-	C10H19Cl2PS	103953-58-8	68.13	68.13	NIST20.L
LibSearch	Levomenthol	C10H20O	2216-51-5	67.82	67.82	NIST20.L
LibSearch	dl-Menthol	C10H20O	89-78-1	67.50	67.50	NIST20.L

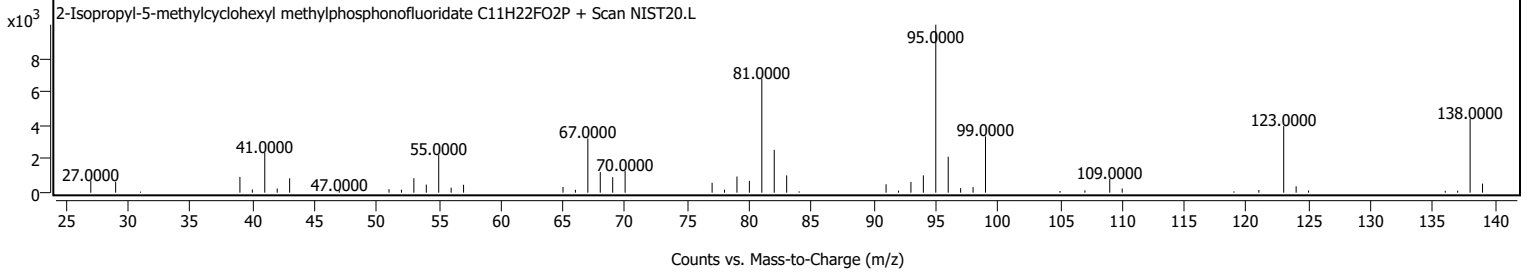
# Analysis Report

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate	C11H22FO2P	1010383-44-7	76.52	76.52	NIST20.L

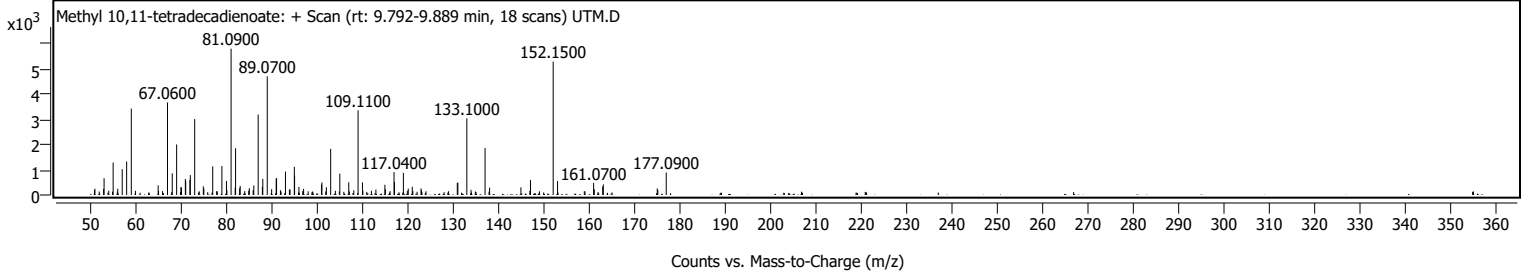
## Observed Spectrum



## Library Spectrum



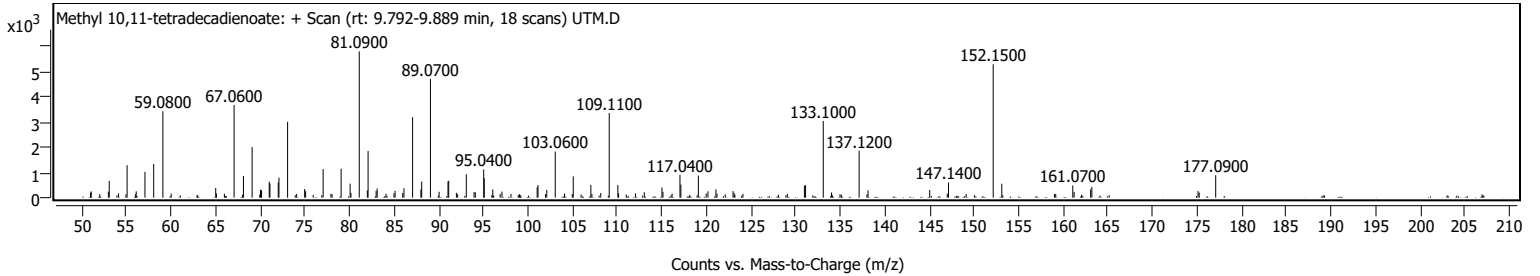
## + Scan (rt: 9.792-9.889 min) Peak 19 from + TIC Scan (Methyl 10,11-tetradecadienoate; C15H26O2)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Methyl 10,11-tetradecadienoate	C15H26O2	1000336-31-8	53.29	53.29	NIST20.L
LibSearch	Diethyl (difluoromethane)phosphonate	C5H11F2O3P	1478-53-1	50.91	50.91	NIST20.L
LibSearch	Methyl 12,13-octadecadienoate	C19H34O2	1000336-45-5	50.63	50.63	NIST20.L
LibSearch	Methyl 11,12-tetradecadienoate	C15H26O2	1000336-32-5	50.27	50.27	NIST20.L
LibSearch	dimethyl-methylthio-arsine	C3H9AsS	1000371-49-1	48.35	48.35	NIST20.L
LibSearch	Pulegone	C10H16O	89-82-7	48.12	48.12	NIST20.L
LibSearch	4,5-Heptadien-2-one, 3,3,6-trimethyl-	C10H16O	81250-41-1	47.34	47.34	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	46.89	46.89	NIST20.L
LibSearch	9-Borabicyclo[3.3.1]nonane, 9-(2-iodo-1-hexenyl)-, (Z)-	C14H24BI	85970-87-2	46.77	46.77	NIST20.L
LibSearch	4-Fluorophenyl isocyanate	C7H4FNO	1195-45-5	45.81	45.81	NIST20.L

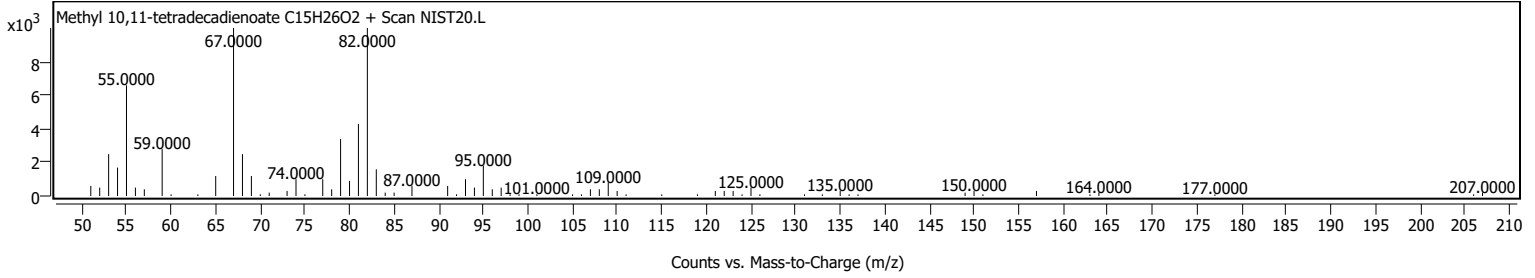
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Methyl 10,11-tetradecadienoate	C15H26O2	1000336-31-8	53.29	53.29	NIST20.L

## Observed Spectrum

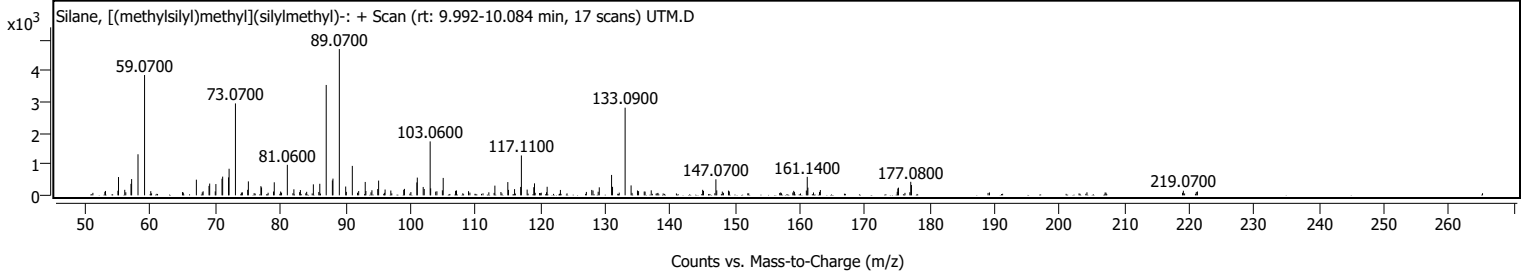


# Analysis Report

## Library Spectrum



## + Scan (rt: 9.992-10.084 min) Peak 20 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

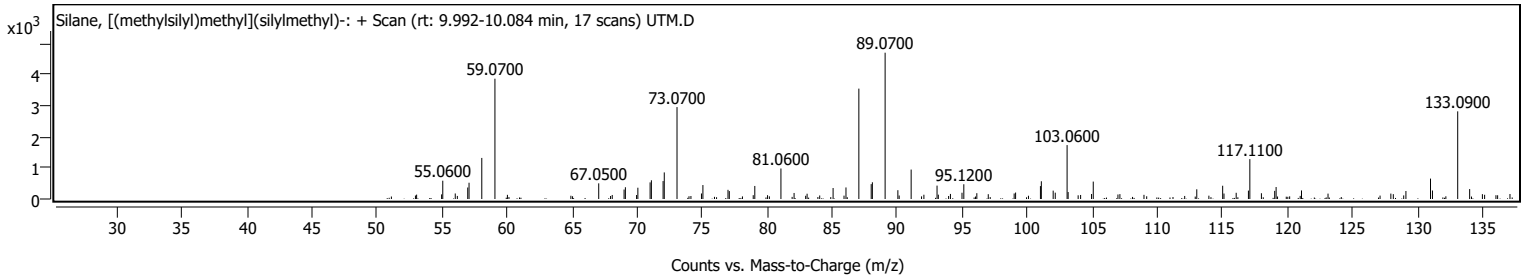


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	60.42	60.42	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	58.20	58.20	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	54.94	54.94	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	51.94	51.94	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	51.72	51.72	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	51.11	51.11	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	50.79	50.79	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	50.65	50.65	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocycloencosane	C14H28O8	77887-94-6	49.98	49.98	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	49.73	49.73	NIST20.L

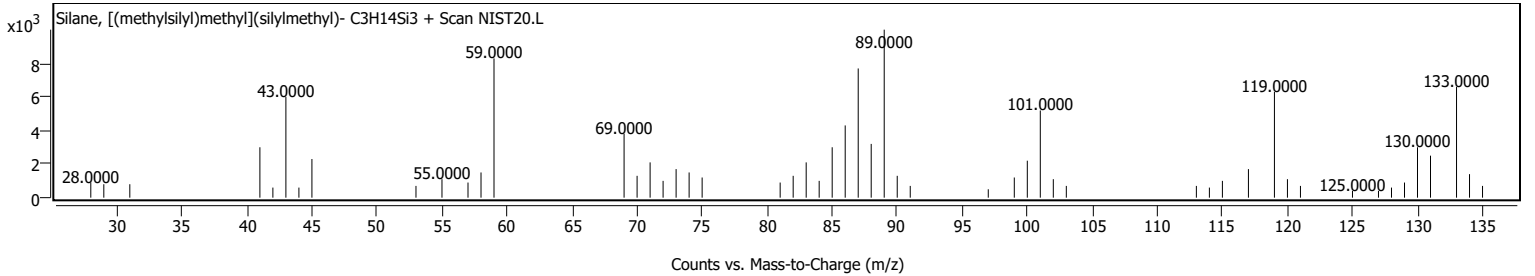
  

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	60.42	60.42	NIST20.L

## Observed Spectrum



## Library Spectrum



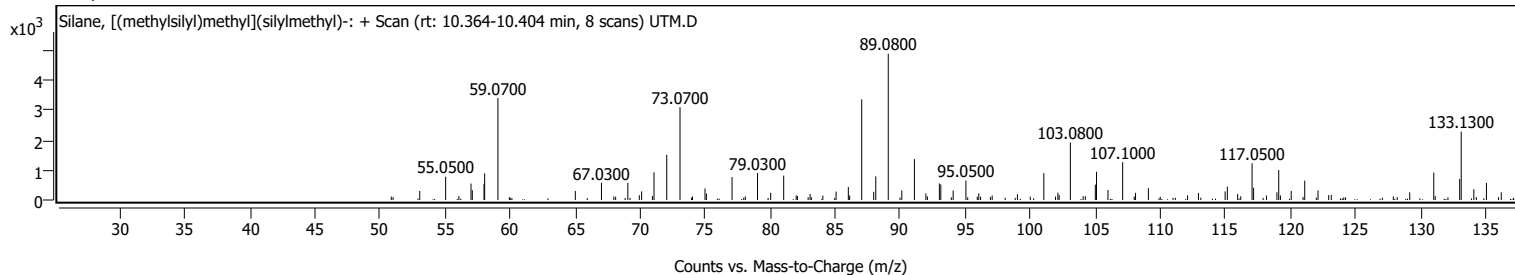
## + Scan (rt: 10.261-10.319 min) Peak 21 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



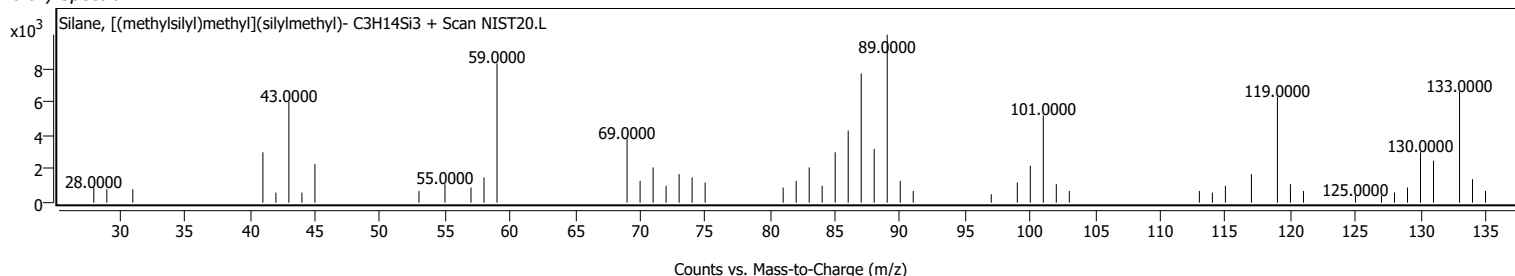
# Analysis Report

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	56.87	56.87	NIST20.L

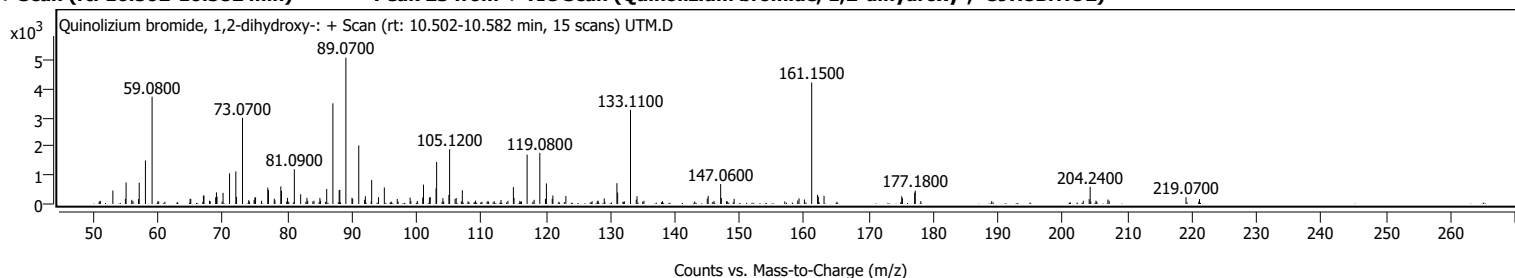
## Observed Spectrum



## Library Spectrum



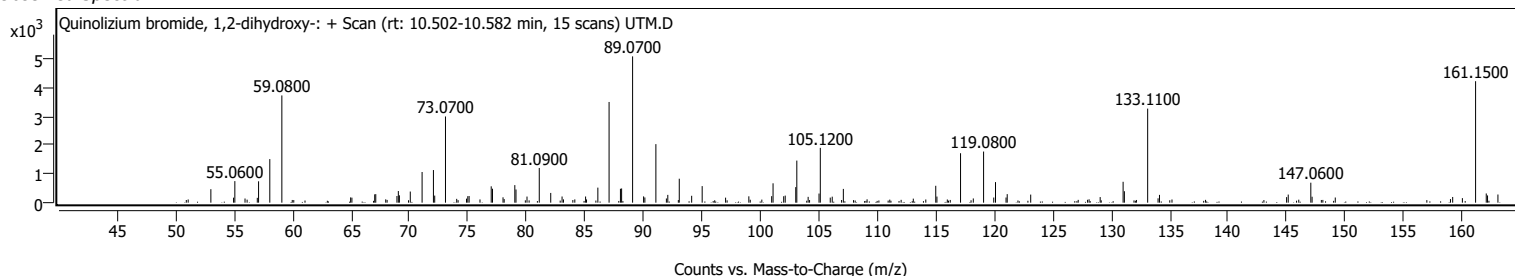
## + Scan (rt: 10.502-10.582 min) Peak 23 from + TIC Scan (Quinolizium bromide, 1,2-dihydroxy-; C9H8BrNO2)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Quinolizium bromide, 1,2-dihydroxy-	C9H8BrNO2	93507-62-1	56.61	56.61	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	55.44	55.44	NIST20.L
LibSearch	Disiloxane, 1,3-diethyl-1,1,3,3,-tetramethyl-	C8H22OSi2	2295-17-2	51.40	51.40	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	49.23	49.23	NIST20.L
LibSearch	3-Ethoxypropanol, TBDMS derivative	C11H26O2Si	1000378-32-5	48.73	48.73	NIST20.L
LibSearch	Silane, (silylmethyl)[(trimethylsilyl)methyl]-	C5H18Si3	55836-80-1	48.42	48.42	NIST20.L
LibSearch	Tris(2-methoxyethyl)borate	C9H21BO6	14983-42-7	48.04	48.04	NIST20.L
LibSearch	2-Ethoxyethanol, diisopropylsilyl ether	C10H24O2Si	1000331-52-3	48.03	48.03	NIST20.L
LibSearch	Methyl lactate, TBDMS derivative	C10H22O3Si	119404-55-6	47.92	47.92	NIST20.L
LibSearch	Silane, methylenebis(methyl)-	C3H12Si2	5654-05-7	47.42	47.42	NIST20.L

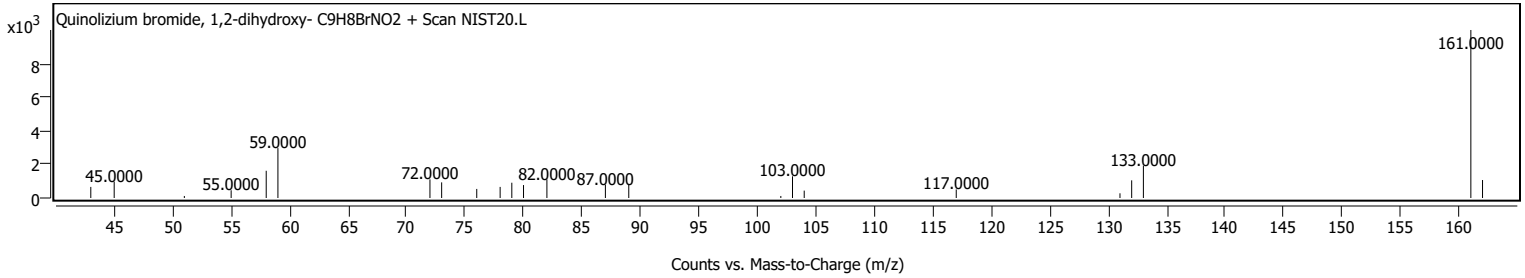
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Quinolizium bromide, 1,2-dihydroxy-	C9H8BrNO2	93507-62-1	56.61	56.61	NIST20.L

## Observed Spectrum

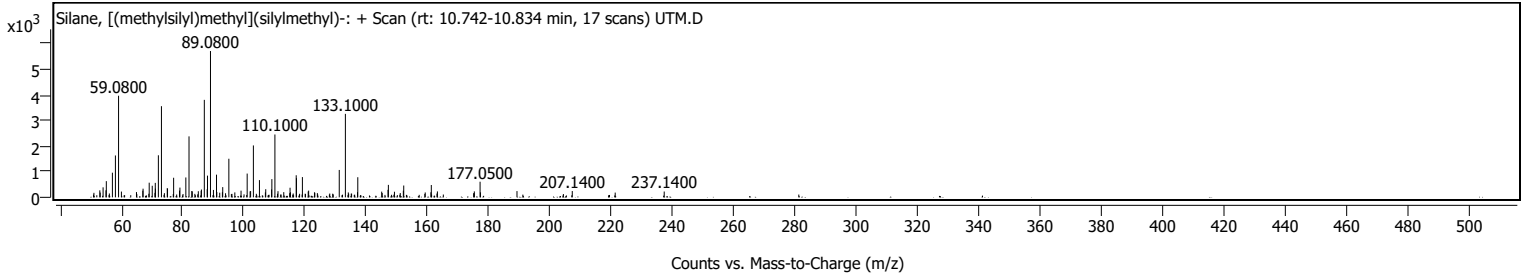


# Analysis Report

## Library Spectrum



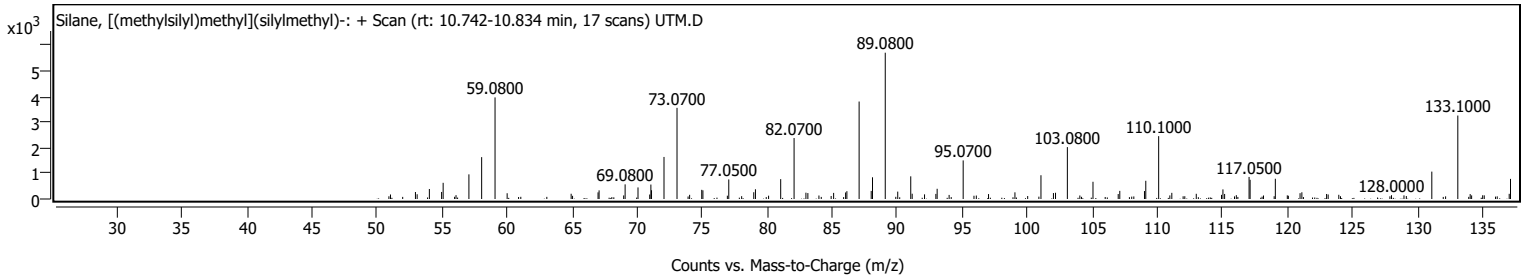
## + Scan (rt: 10.742-10.834 min) Peak 24 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



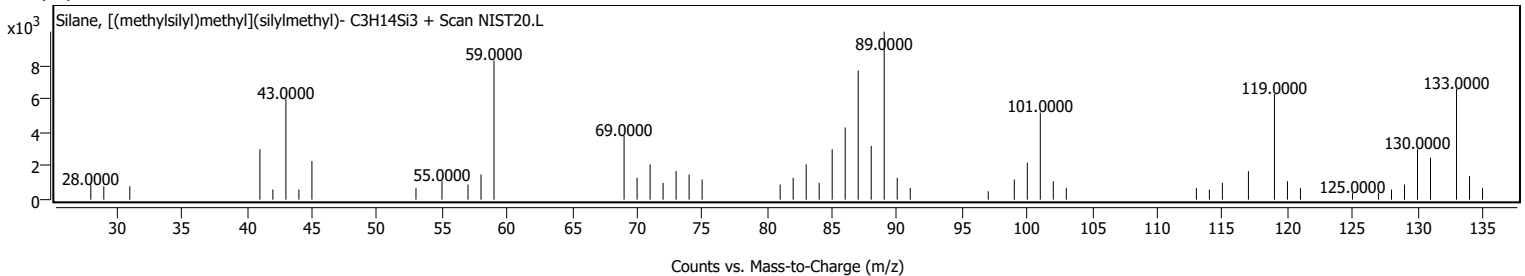
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	55.08	55.08	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	50.97	50.97	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	49.11	49.11	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	49.07	49.07	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	46.66	46.66	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	45.89	45.89	NIST20.L
LibSearch	15,15'-Bi-1,4,7,10,13-pentaoxacyclohexadecane	C22H42O10	109773-67-3	44.03	44.03	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	43.57	43.57	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	43.53	43.53	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	43.37	43.37	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	55.08	55.08	NIST20.L

## Observed Spectrum

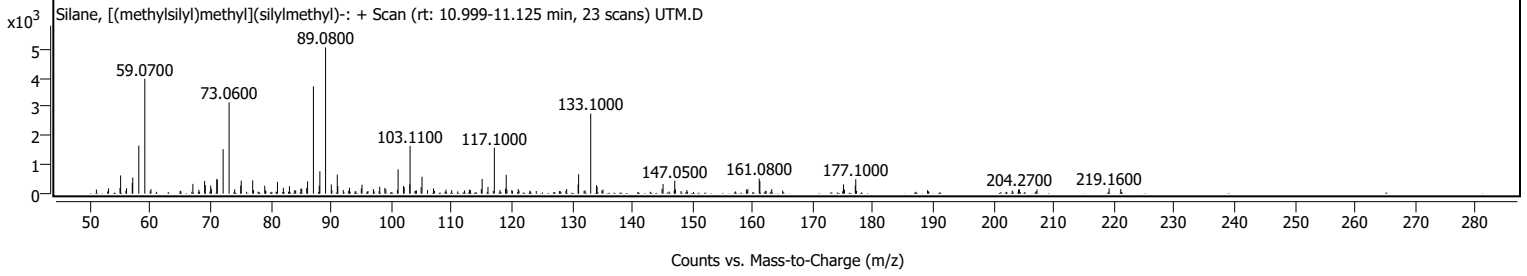


## Library Spectrum



## + Scan (rt: 10.999-11.125 min) Peak 25 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

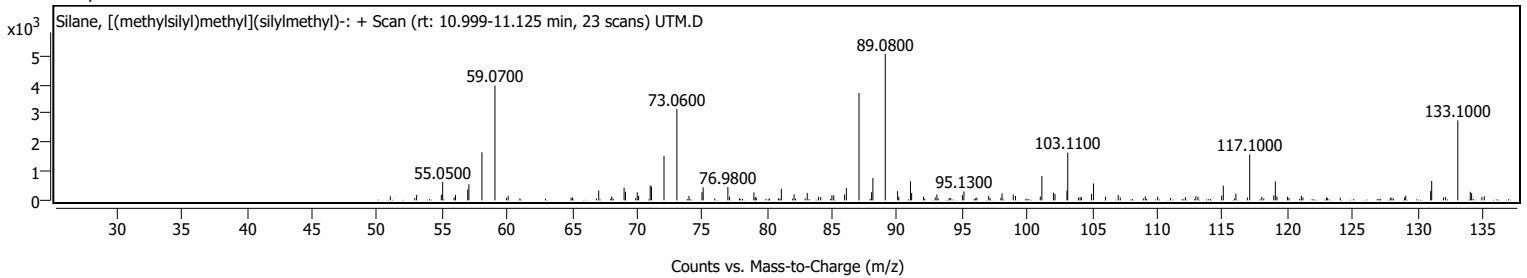
# Analysis Report



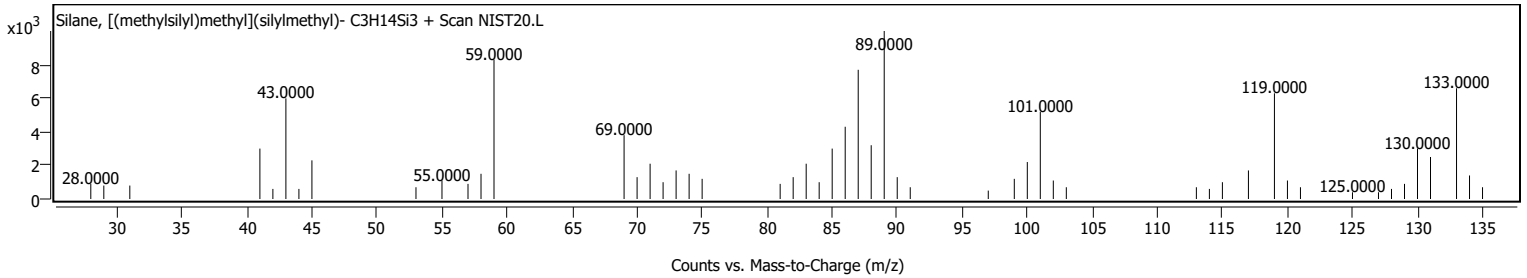
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.12	63.12	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	58.26	58.26	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	54.16	54.16	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	53.23	53.23	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	53.08	53.08	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	52.44	52.44	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	52.44	52.44	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	51.90	51.90	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocyclooctacosane	C14H28O8	77887-94-6	51.85	51.85	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	51.83	51.83	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.12	63.12	NIST20.L

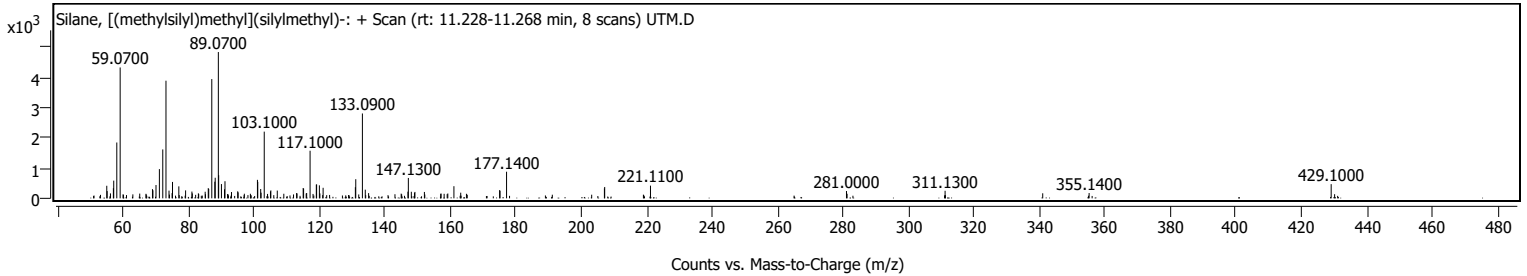
### Observed Spectrum



### Library Spectrum



### + Scan (rt: 11.228-11.268 min) Peak 26 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

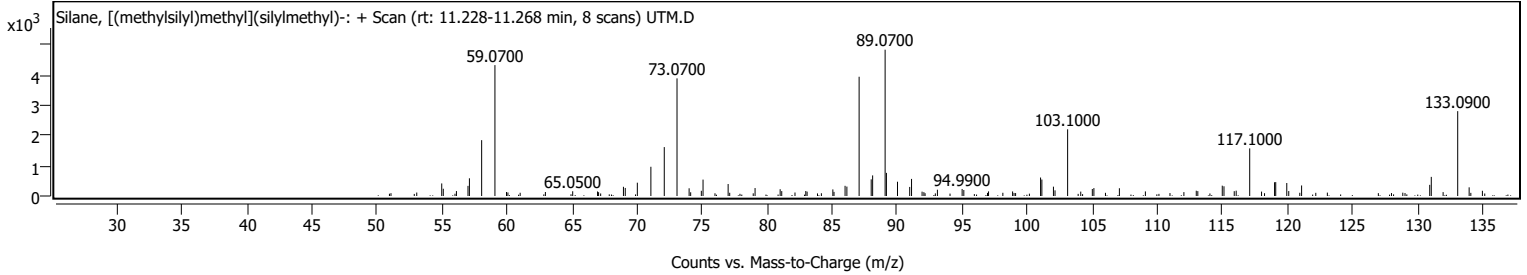


# Analysis Report

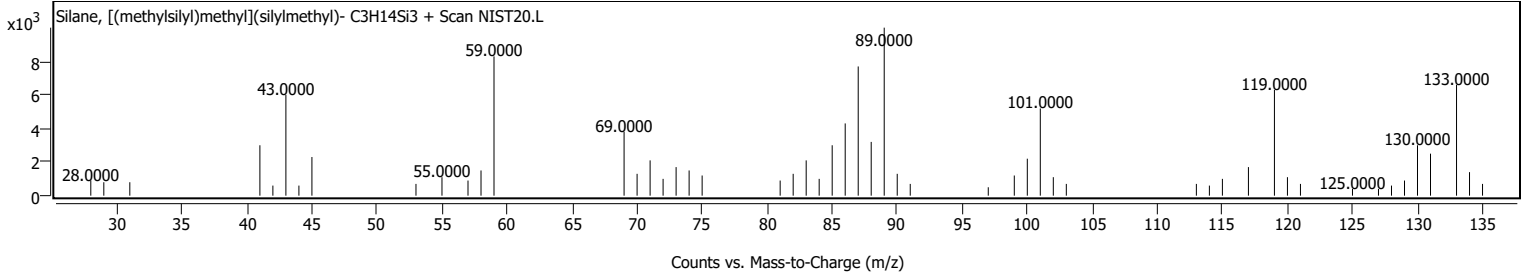
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	53.96	53.96	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	53.63	53.63	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	51.38	51.38	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	50.49	50.49	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	50.31	50.31	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	49.79	49.79	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	49.15	49.15	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	48.97	48.97	NIST20.L
LibSearch	18-Crown-6, [2-(diethylboryl)phenyl]-	C22H37BO6	1010161-99-8	47.53	47.53	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	47.51	47.51	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	53.96	53.96	NIST20.L

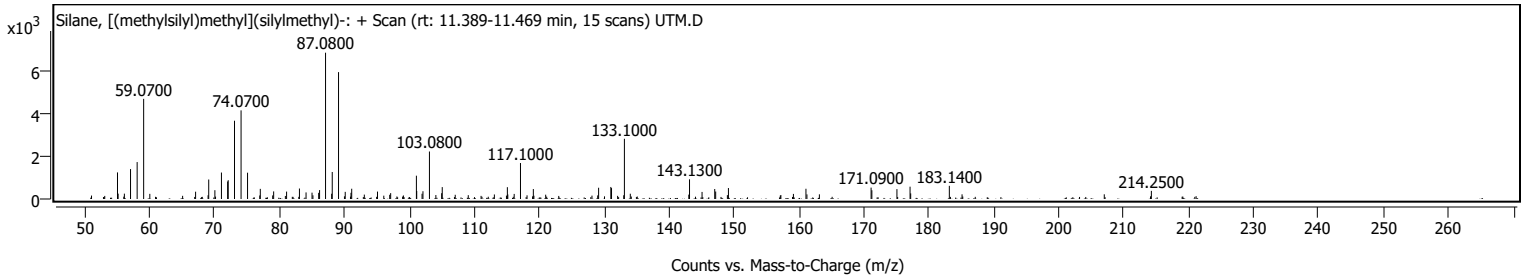
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 11.389-11.469 min) Peak 27 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

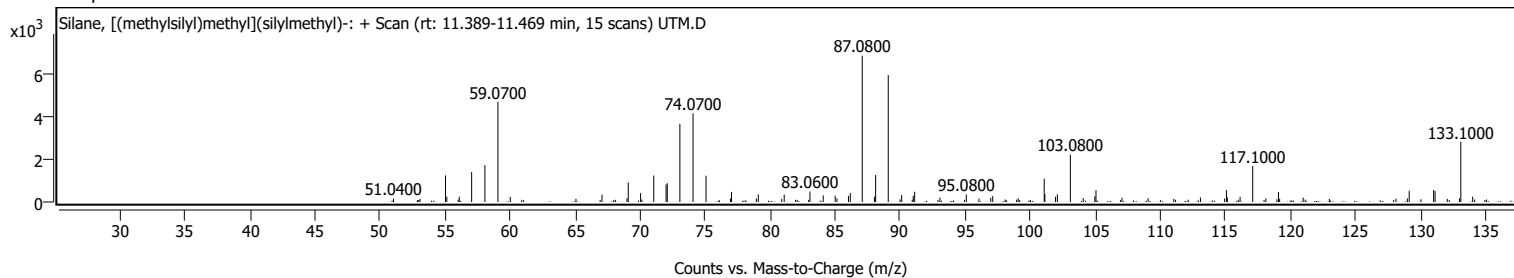


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.25	58.25	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	55.01	55.01	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	54.92	54.92	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	54.58	54.58	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	51.52	51.52	NIST20.L
LibSearch	Germacyclobutane, 1,1-dimethyl-	C5H12Ge	21961-74-0	48.63	48.63	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	48.00	48.00	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	47.99	47.99	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	47.93	47.93	NIST20.L
LibSearch	Germacyclopentane, 1-propyl-	C7H16Ge	4554-78-3	47.62	47.62	NIST20.L

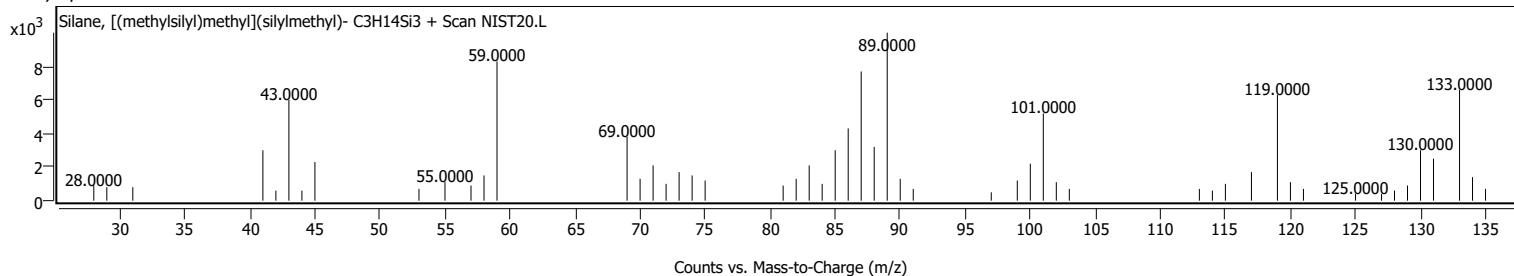
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.25	58.25	NIST20.L

# Analysis Report

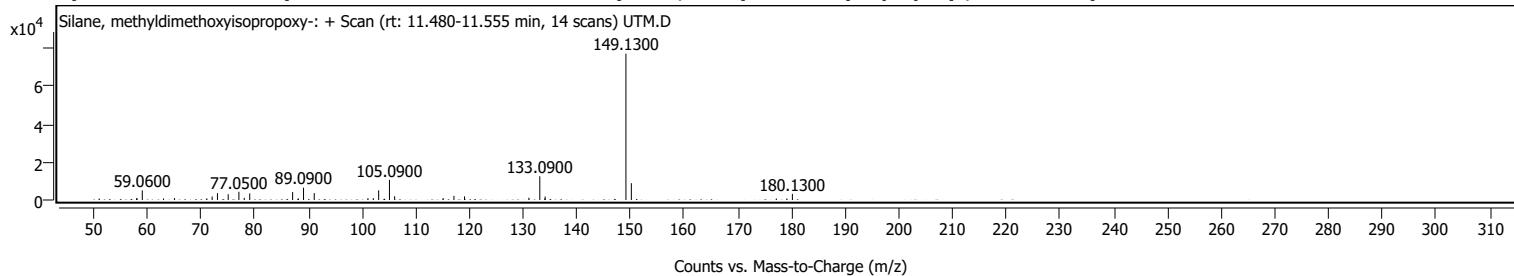
## Observed Spectrum



## Library Spectrum



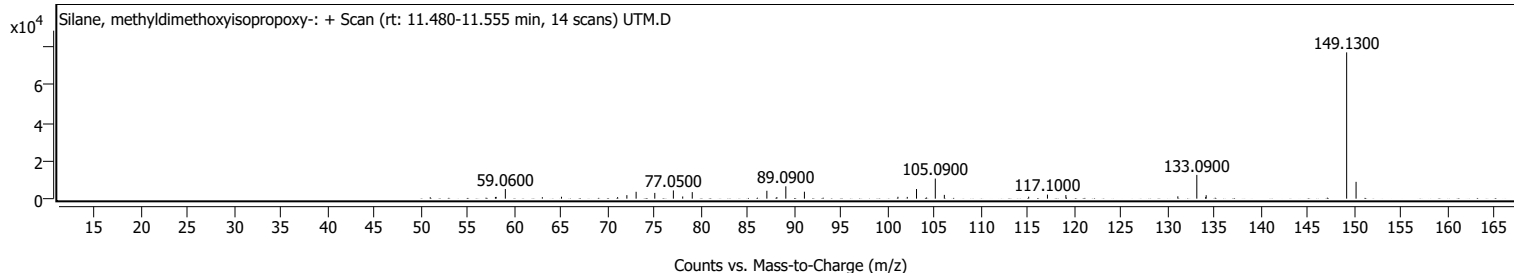
## + Scan (rt: 11.480-11.555 min) Peak 28 from + TIC Scan (Silane, methyl dimethoxyisopropoxy-; C6H16O3Si)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, methyl dimethoxyisopropoxy-	C6H16O3Si	1000416-18-2	62.98	62.98	NIST20.L
LibSearch	Benzene, 1-isocyanato-3-methoxy-	C8H7NO2	18908-07-1	53.32	53.32	NIST20.L
LibSearch	Benzene, 1-isocyanato-3-methoxy-	C8H7NO2	18908-07-1	52.57	52.57	NIST20.L
LibSearch	1,3-Dioxolane, 2-methyl-2-phenyl-	C10H12O2	3674-77-9	52.38	52.38	NIST20.L
LibSearch	2,5,8,11-Tetraoxatridecan-13-yl benzoate	C16H24O6	1000366-96-7	50.01	50.01	NIST20.L
LibSearch	1,3-Dioxolane, 2-tert-butyl-2-phenyl-	C13H18O2	6135-60-0	49.93	49.93	NIST20.L
LibSearch	m-Tolyl isothiocyanate	C8H7NS	621-30-7	49.47	49.47	NIST20.L
LibSearch	1,3-Dioxolane, 2-phenyl-2-(phenylmethyl)-	C16H16O2	4362-19-0	49.42	49.42	NIST20.L
LibSearch	Benzene, 1-isothiocyanato-4-methyl-	C8H7NS	622-59-3	49.03	49.03	NIST20.L
LibSearch	Benzoic acid, 2-(3-nitrophenyl)ethyl ester	C15H13NO4	1000368-22-4	48.87	48.87	NIST20.L

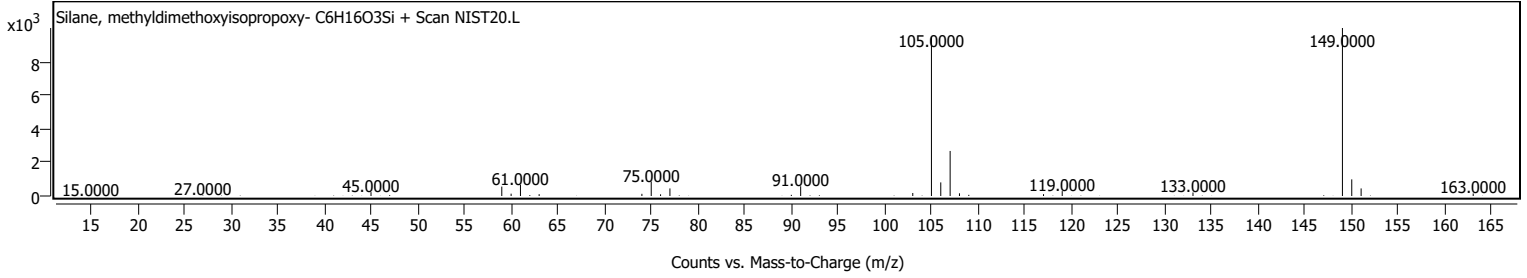
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, methyl dimethoxyisopropoxy-	C6H16O3Si	1000416-18-2	62.98	62.98	NIST20.L

## Observed Spectrum

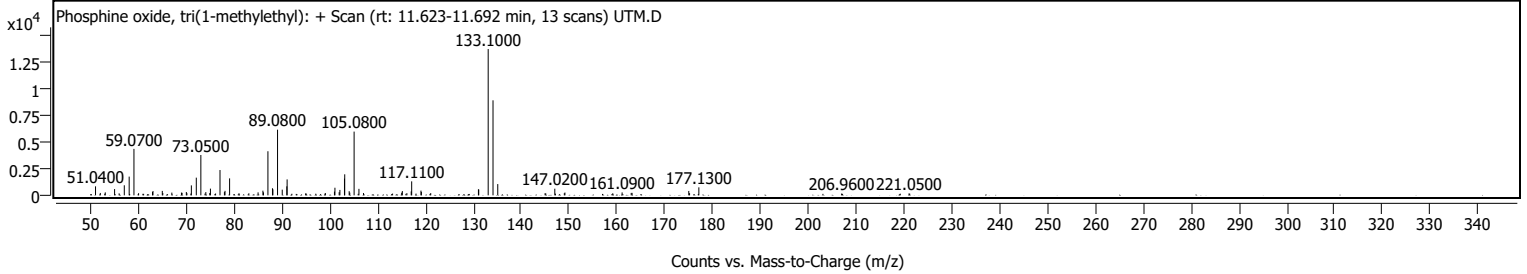


# Analysis Report

## Library Spectrum



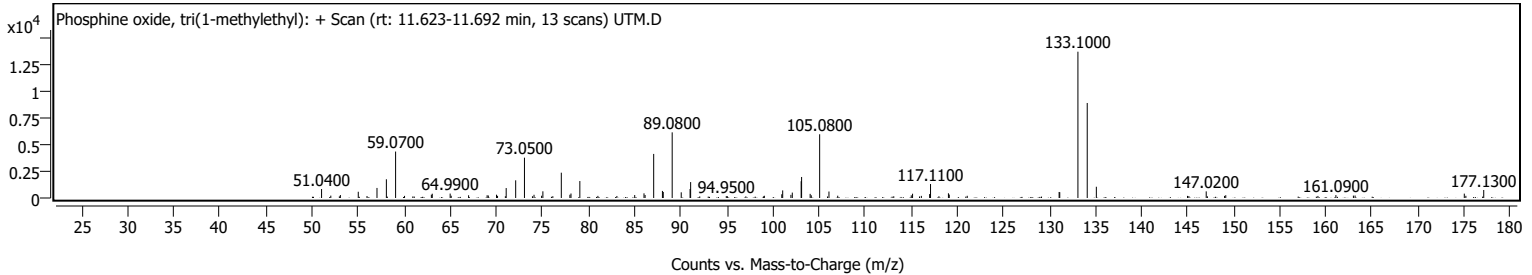
## + Scan (rt: 11.623-11.692 min) Peak 29 from + TIC Scan (Phosphine oxide, tri(1-methylethyl); C9H21OP)



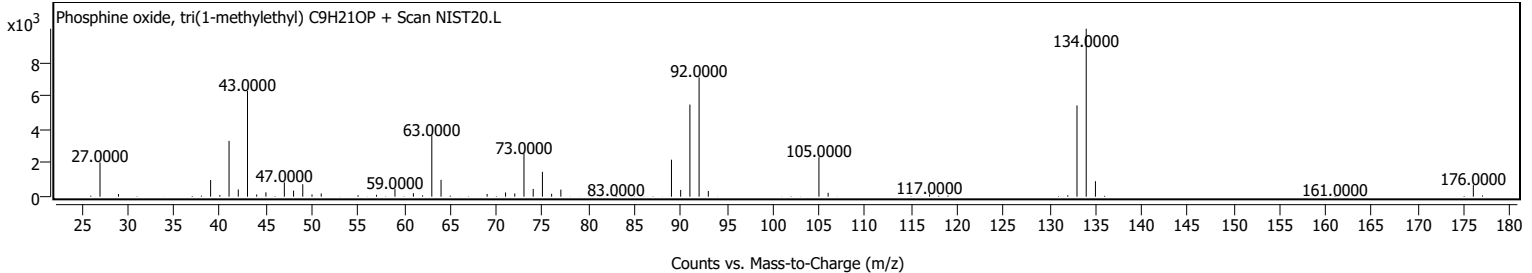
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Phosphine oxide, tri(1-methylethyl)	C9H21OP	17513-58-5	56.81	56.81	NIST20.L
LibSearch	6,6-Dimethyl-2-vinylidenebicyclo[3.1.1]heptane	C11H16	39021-75-5	55.80	55.80	NIST20.L
LibSearch	Silane, diethoxydimethyl-	C6H16O2Si	78-62-6	55.21	55.21	NIST20.L
LibSearch	Benzaldehyde, 3,4-dimethyl-	C9H10O	5973-71-7	54.84	54.84	NIST20.L
LibSearch	Benzaldehyde, 4-ethyl-	C9H10O	4748-78-1	54.70	54.70	NIST20.L
LibSearch	2-Ethyl-N-(4-isopropylbenzyl)-2H-tetrazol-5-amine	C13H19N5	1000482-38-2	53.90	53.90	NIST20.L
LibSearch	2-Pyridinamine, N-(diethylboryl)-	C9H15BN2	66871-24-7	53.81	53.81	NIST20.L
LibSearch	Phenol, 4-(2-propenyl)-	C9H10O	501-92-8	53.61	53.61	NIST20.L
LibSearch	1H-Inden-5-ol, 2,3-dihydro-	C9H10O	1470-94-6	53.36	53.36	NIST20.L
LibSearch	1H-Inden-5-ol, 2,3-dihydro-	C9H10O	1470-94-6	53.30	53.30	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Phosphine oxide, tri(1-methylethyl)	C9H21OP	17513-58-5	56.81	56.81	NIST20.L

## Observed Spectrum



## Library Spectrum



## + Scan (rt: 11.864-11.921 min) Peak 30 from + TIC Scan (1,3,5-Trisilahehexane, 5-methyl-; C4H16Si3)

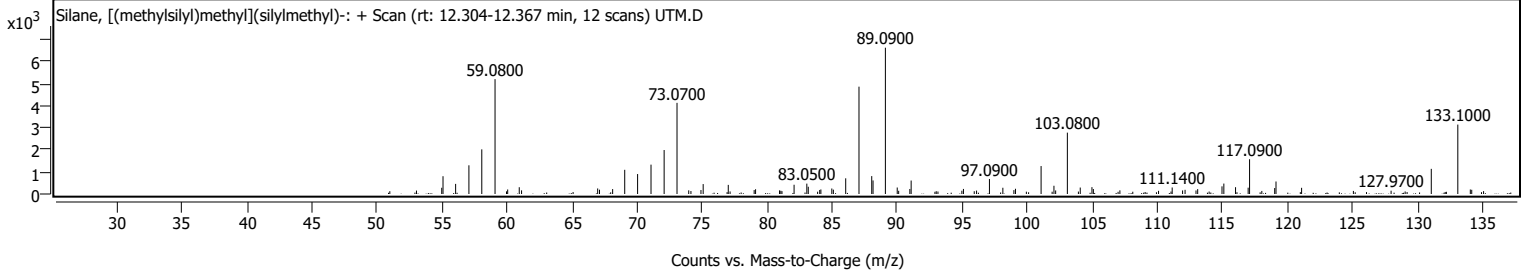


# Analysis Report

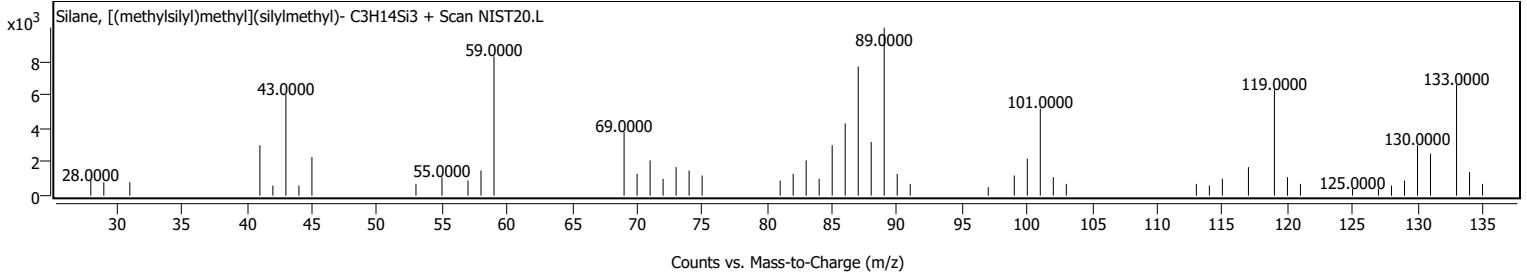
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.10	63.10	NIST20.L
LibSearch	1,3,5-Trisilaheptane, 5-methyl-	C4H16Si3	18827-17-3	62.21	62.21	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	58.68	58.68	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	54.80	54.80	NIST20.L
LibSearch	1,1,1-Trimethylidisilane	C3H12Si2	1000433-69-9	54.74	54.74	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	54.67	54.67	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	54.58	54.58	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	53.92	53.92	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxacycloheptacosane	C14H28O8	77887-94-6	52.80	52.80	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	51.96	51.96	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.10	63.10	NIST20.L

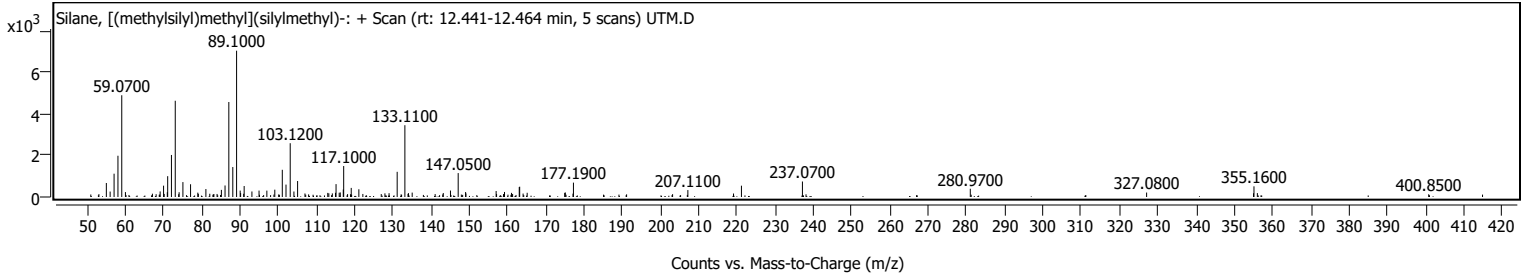
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 12.441-12.464 min) Peak 32 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

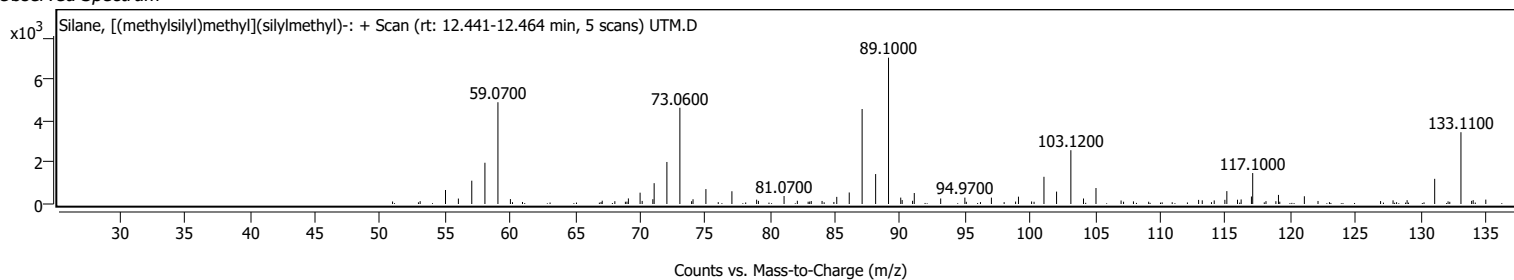


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	56.95	56.95	NIST20.L
LibSearch	1,3,5-Trisilaheptane, 5-methyl-	C4H16Si3	18827-17-3	56.06	56.06	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	53.40	53.40	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	51.65	51.65	NIST20.L
LibSearch	1,1,1-Trimethylidisilane	C3H12Si2	1000433-69-9	51.62	51.62	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	51.03	51.03	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	50.33	50.33	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	49.75	49.75	NIST20.L
LibSearch	18-Crown-6, [2-(diethylboryl)phenyl]-	C22H37B06	1010161-99-8	49.73	49.73	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33B05	1000162-41-9	48.42	48.42	NIST20.L

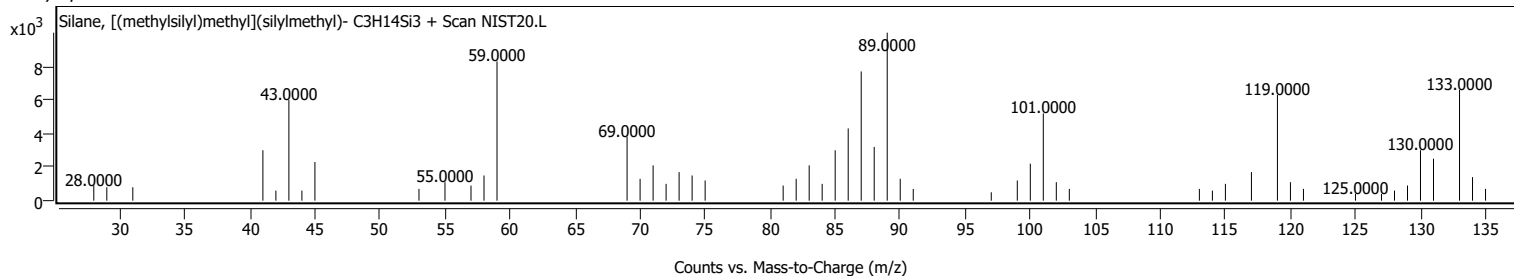
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	56.95	56.95	NIST20.L

# Analysis Report

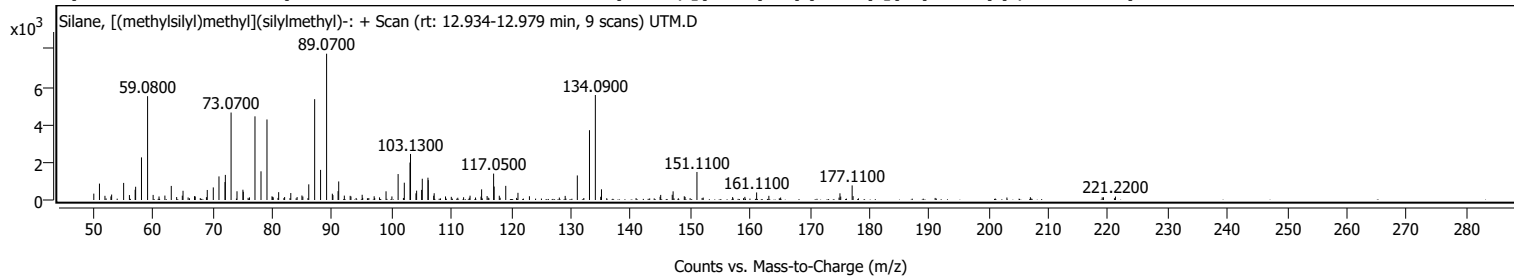
## Observed Spectrum



## Library Spectrum



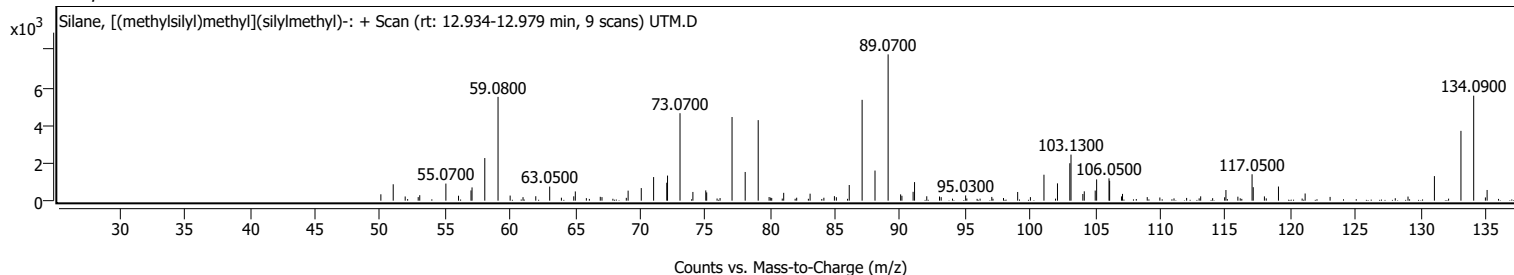
## + Scan (rt: 12.934-12.979 min) Peak 33 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.43	58.43	NIST20.L
LibSearch	1,3,5-Trisilaheptane, 5-methyl-	C4H16Si3	18827-17-3	54.87	54.87	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	52.45	52.45	NIST20.L
LibSearch	Cyclohexane, 1,3-butadienyldiene-	C10H14	53864-08-7	52.30	52.30	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	51.38	51.38	NIST20.L
LibSearch	2,6,2',6'-Tetramethylazobenzene	C16H18N2O2	101225-69-8	51.08	51.08	NIST20.L
LibSearch	Methanamine, N-(phenylmethylene)-, N-oxide	C8H9NO	3376-23-6	48.56	48.56	NIST20.L
LibSearch	CH3SiH2SiH(CH3)2	C3H12Si2	814-74-4	47.02	47.02	NIST20.L
LibSearch	Acetic acid, (dimethylsulfuranylidene)-, methyl ester	C5H10O2S	1000164-32-4	46.98	46.98	NIST20.L
LibSearch	Germacyclobutane, 1,1-dimethyl-	C5H12Ge	21961-74-0	46.47	46.47	NIST20.L

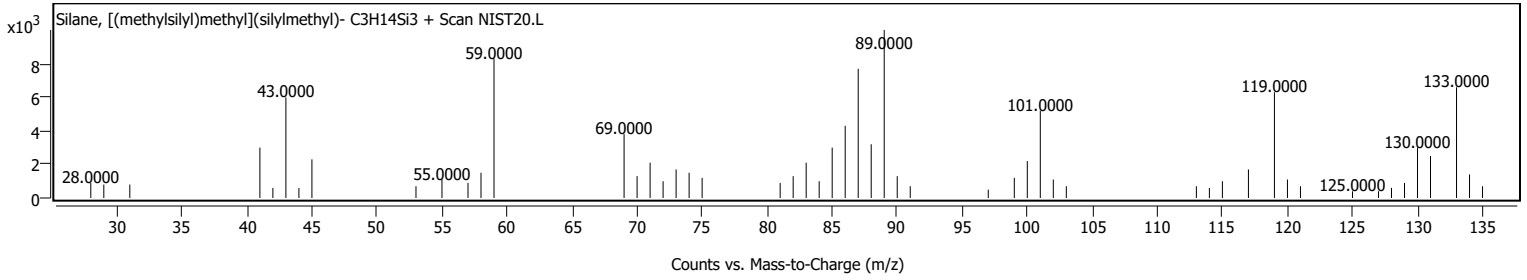
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.43	58.43	NIST20.L

## Observed Spectrum

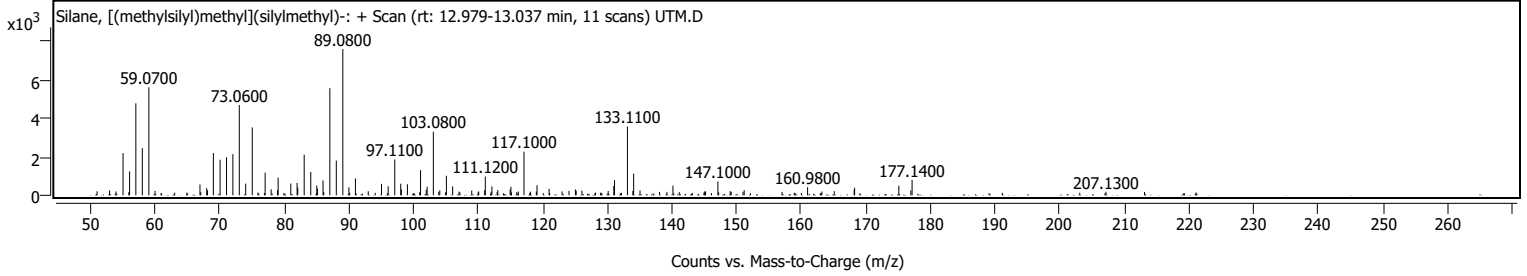


# Analysis Report

## Library Spectrum



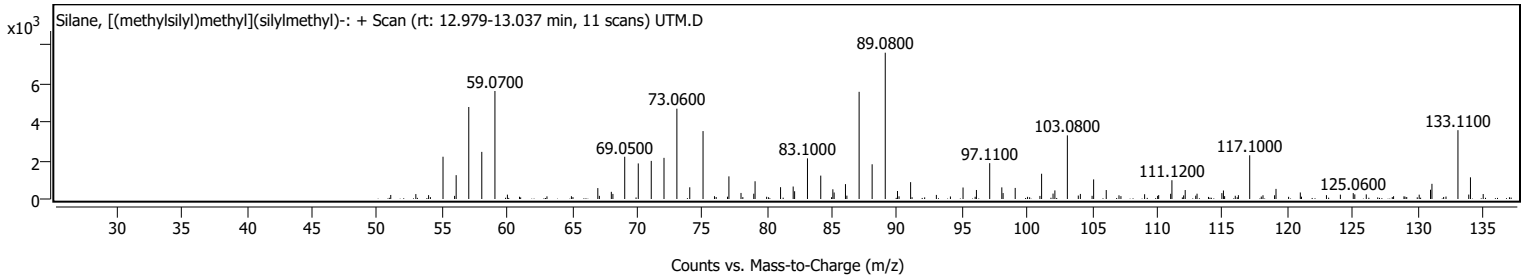
## + Scan (rt: 12.979-13.037 min) Peak 34 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



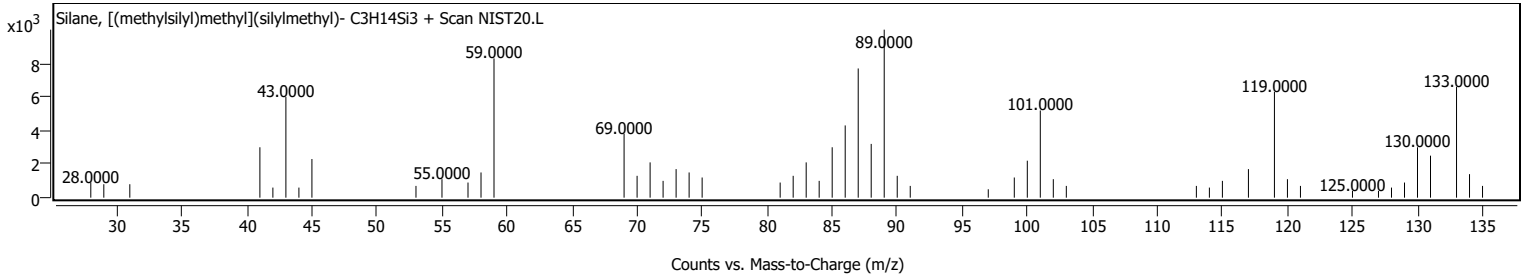
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.09	62.09	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	56.08	56.08	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	53.84	53.84	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	52.67	52.67	NIST20.L
LibSearch	18,18'-Bi-1,4,7,10,13,16-hexaoxacyclononadecane	C26H50O12	109773-68-4	52.33	52.33	NIST20.L
LibSearch	3-(1,3-Dihydroxyisopropyl)-1,5,8,11,14,17-hexaoxacyclononadecane	C16H32O8	109773-65-1	51.59	51.59	NIST20.L
LibSearch	15,15'-Bi-1,4,7,10,13-pentaoxacyclohexadecane	C22H42O10	109773-67-3	50.94	50.94	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	50.73	50.73	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocycloencosane	C14H28O8	77887-94-6	49.70	49.70	NIST20.L
LibSearch	n-Octylpentaoxyethylene	C18H38O6	19327-40-3	49.68	49.68	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.09	62.09	NIST20.L

## Observed Spectrum

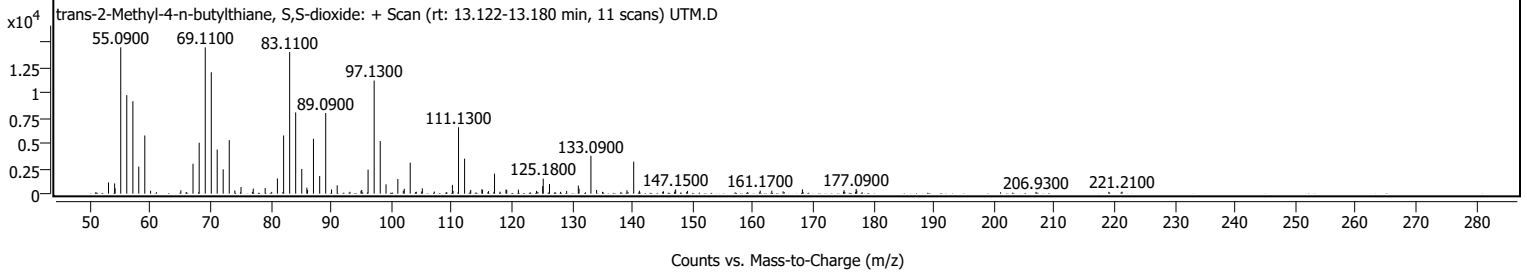


## Library Spectrum



## + Scan (rt: 13.122-13.180 min) Peak 35 from + TIC Scan (trans-2-Methyl-4-n-butylthiane, S,S-dioxide; C10H20O2S)

# Analysis Report

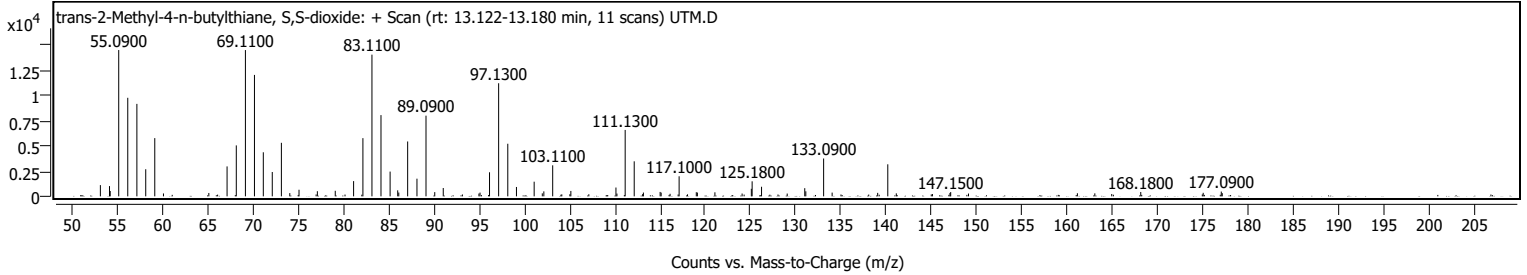


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	trans-2-Methyl-4-n-butylthiane, S,S-dioxide	C10H20O2S	1000215-67-8	65.43	65.43	NIST20.L
LibSearch	cis-2-Methyl-4-n-butylthiane, S,S-dioxide	C10H20O2S	1010215-67-7	64.50	64.50	NIST20.L
LibSearch	2-Azido-2,4,4,6,6-pentamethylheptane	C12H25N3	1000293-29-0	63.19	63.19	NIST20.L
LibSearch	trans-2,4-Dimethylthiane, S,S-dioxide	C7H14O2S	1000215-67-6	63.05	63.05	NIST20.L
LibSearch	trans-2-methyl-4-n-pentylthiane, S,S-dioxide	C11H22O2S	1000215-75-3	62.31	62.31	NIST20.L
LibSearch	2-Azido-2,4,4,6,6,8,8-heptamethylnonane	C16H33N3	1000293-29-1	60.53	60.53	NIST20.L
LibSearch	cis-2-Methyl-4-n-pentylthiane, S,S-dioxide	C11H22O2S	1000215-67-9	59.86	59.86	NIST20.L
LibSearch	3-n-Hexylthiolane, S,S-dioxide	C10H20O2S	71053-07-1	59.75	59.75	NIST20.L
LibSearch	2-n-Hexylthiolane, S,S-dioxide	C10H20O2S	71053-04-8	59.34	59.34	NIST20.L
LibSearch	4-n-Hexylthiane, S,S-dioxide	C11H22O2S	70928-52-8	58.96	58.96	NIST20.L

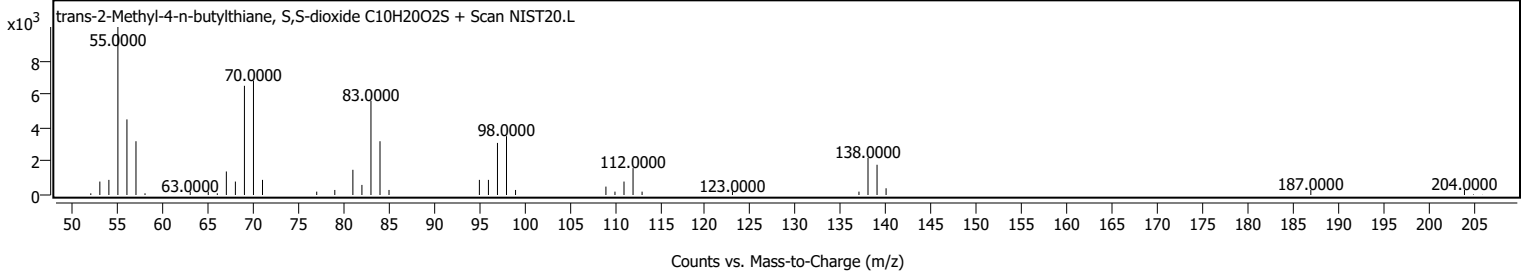
  

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
trans-2-Methyl-4-n-butylthiane, S,S-dioxide	C10H20O2S	1000215-67-8	65.43	65.43	NIST20.L

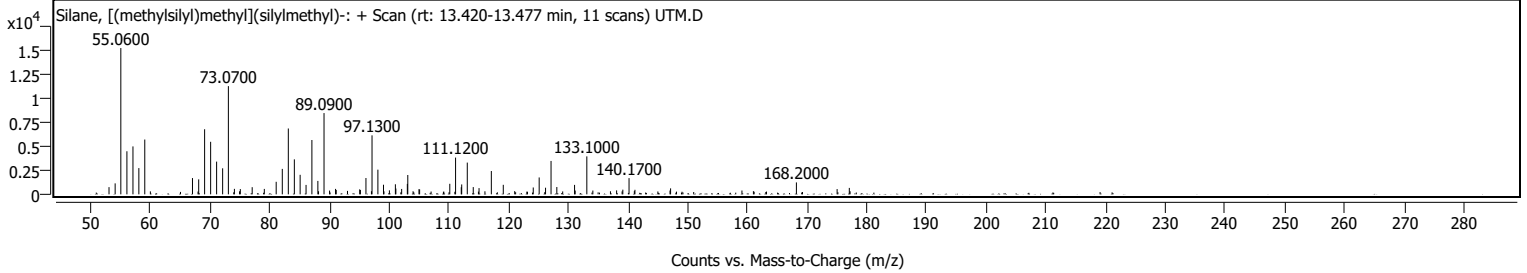
### Observed Spectrum



### Library Spectrum



### + Scan (rt: 13.420-13.477 min) Peak 36 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

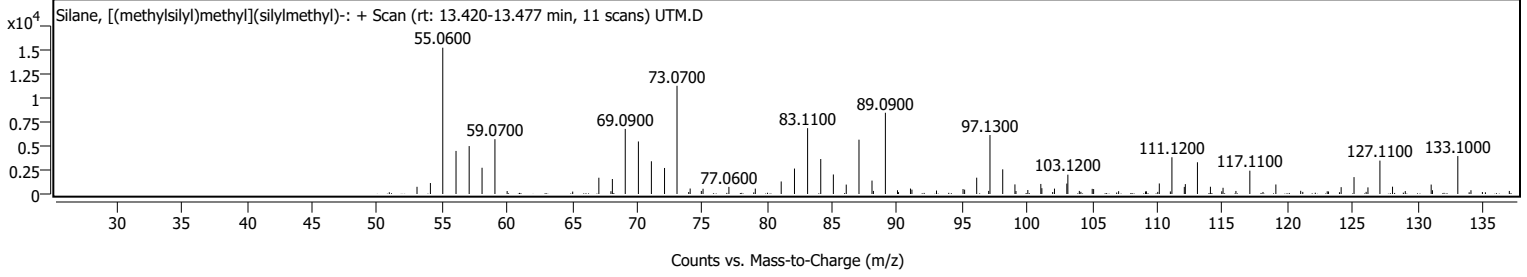


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	57.55	57.55	NIST20.L
LibSearch	trans-2-Methyl-4-n-butylthiane, S,S-dioxide	C10H20O2S	1000215-67-8	57.09	57.09	NIST20.L
LibSearch	cis-2-Methyl-4-n-butylthiane, S,S-dioxide	C10H20O2S	1010215-67-7	56.47	56.47	NIST20.L
LibSearch	Ethene, 1-(diethylboryl)-1-(trimethylsilyl)-	C9H21BSi	157489-80-0	56.19	56.19	NIST20.L
LibSearch	3-(1,3-Dihydroxyisopropyl)-1,5,8,11,14,17-hexaoxacyclonadecane	C16H32O8	109773-65-1	54.67	54.67	NIST20.L
LibSearch	trans-2-methyl-4-n-pentylthiane, S,S-dioxide	C11H22O2S	1000215-75-3	54.09	54.09	NIST20.L
LibSearch	trans-2,4-Dimethylthiane, S,S-dioxide	C7H14O2S	1000215-67-6	53.86	53.86	NIST20.L
LibSearch	Borane, diethyl[1-[(trimethylsilyl)methylene]propyl]-, (Z)-	C11H25BSi	125236-50-2	53.84	53.84	NIST20.L
LibSearch	Bacteriochlorophyll-c-stearyl	C52H72MgN4O4	1010164-49-7	53.16	53.16	NIST20.L
LibSearch	4-n-Hexylthiane, S,S-dioxide	C11H22O2S	70928-52-8	52.90	52.90	NIST20.L

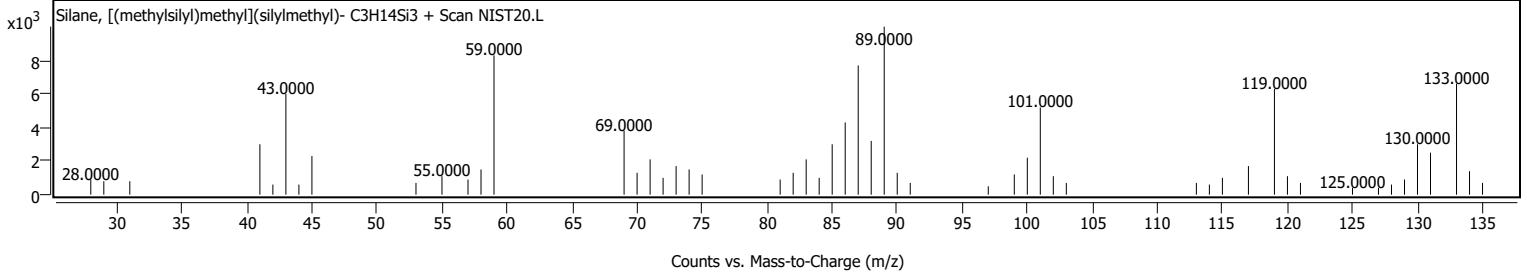
# Analysis Report

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	57.55	57.55	NIST20.L

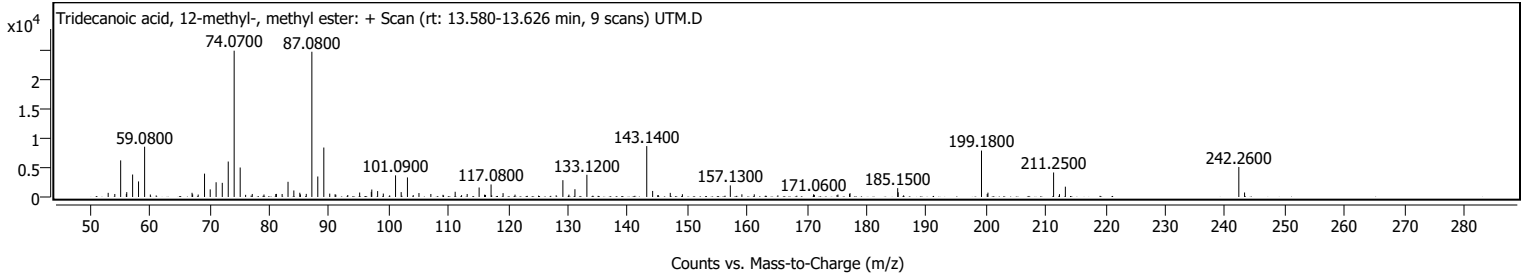
## Observed Spectrum



## Library Spectrum



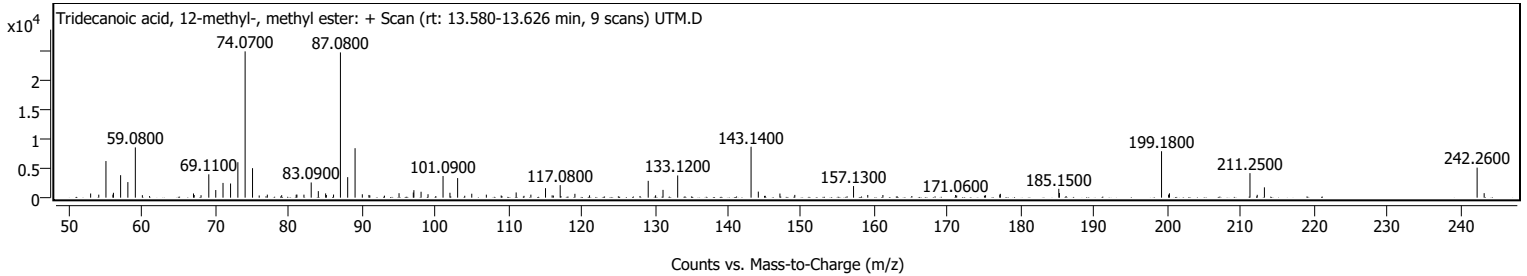
## + Scan (rt: 13.580-13.626 min) Peak 37 from + TIC Scan (Tridecanoic acid, 12-methyl-, methyl ester; C15H30O2)



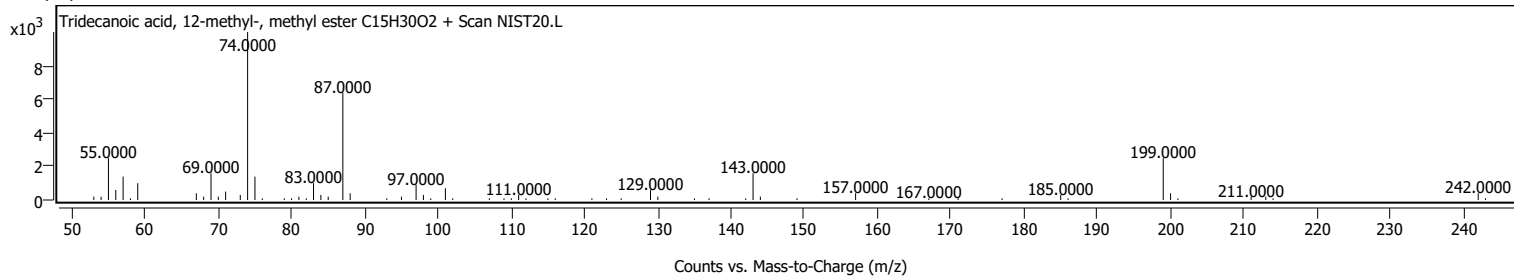
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Tridecanoic acid, 12-methyl-, methyl ester	C15H30O2	5129-58-8	60.02	60.02	NIST20.L
LibSearch	Methyl tetradecanoate	C15H30O2	124-10-7	58.44	58.44	NIST20.L
LibSearch	Methyl tetradecanoate	C15H30O2	124-10-7	57.92	57.92	NIST20.L
LibSearch	Tridecanoic acid, 12-methyl-, methyl ester	C15H30O2	5129-58-8	57.88	57.88	NIST20.L
LibSearch	Methyl tetradecanoate	C15H30O2	124-10-7	55.01	55.01	NIST20.L
LibSearch	Tridecanoic acid, 12-methyl-, methyl ester	C15H30O2	5129-58-8	54.34	54.34	NIST20.L
LibSearch	Methyl tetradecanoate	C15H30O2	124-10-7	52.67	52.67	NIST20.L
LibSearch	Methyl tetradecanoate	C15H30O2	124-10-7	49.60	49.60	NIST20.L
LibSearch	1-Hexadecanaminium, N,N,N-trimethyl-, octadecanoate	C37H77NO2	124-23-2	48.79	48.79	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	48.60	48.60	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Tridecanoic acid, 12-methyl-, methyl ester	C15H30O2	5129-58-8	60.02	60.02	NIST20.L

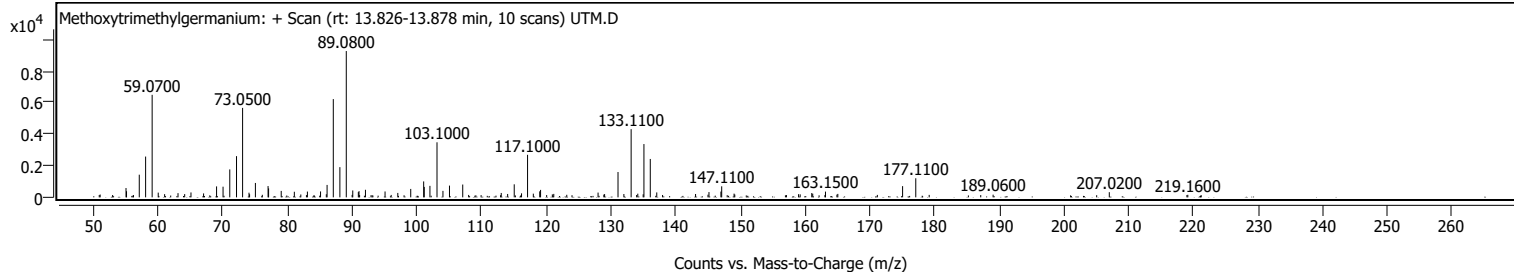
## Observed Spectrum



**Library Spectrum**



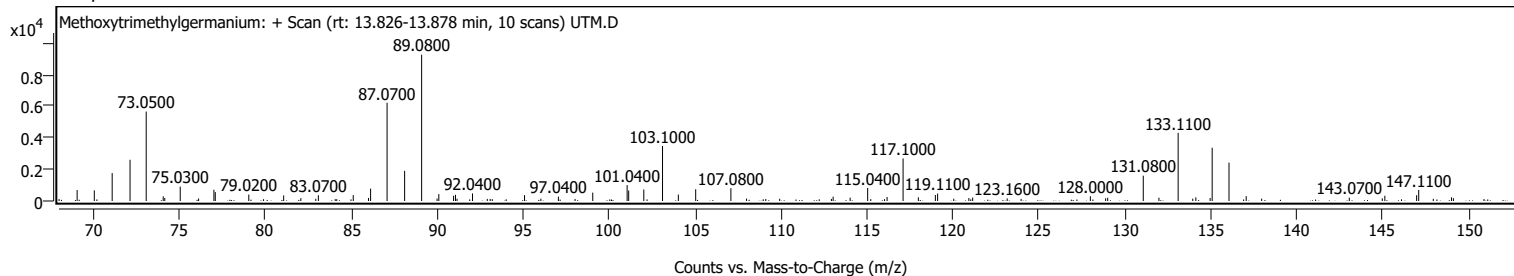
**+ Scan (rt: 13.826-13.878 min) Peak 38 from + TIC Scan (Methoxytrimethylgermanium; C4H12GeO)**



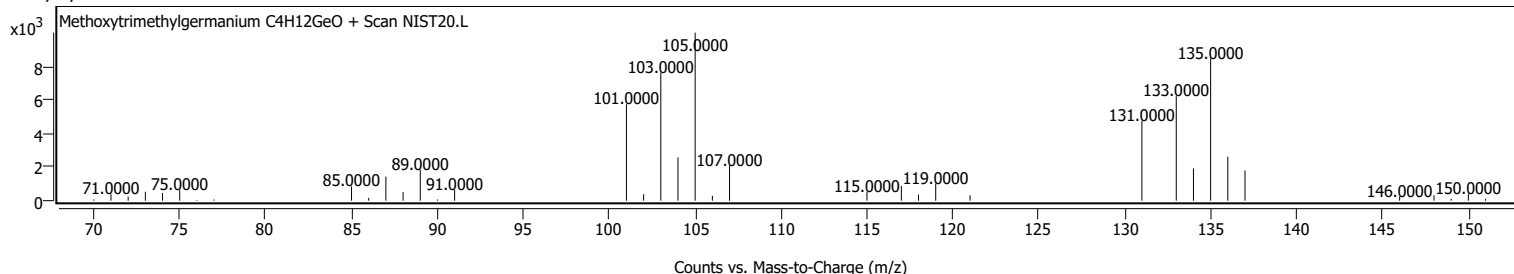
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Methoxytrimethylgermanium	C4H12GeO	6163-67-3	59.86	59.86	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.50	58.50	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	58.26	58.26	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	53.89	53.89	NIST20.L
LibSearch	1,1,1-Trimethylidisilane	C3H12Si2	1000433-69-9	52.09	52.09	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	52.08	52.08	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	51.92	51.92	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	51.00	51.00	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	50.97	50.97	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	49.10	49.10	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Methoxytrimethylgermanium	C4H12GeO	6163-67-3	59.86	59.86	NIST20.L

**Observed Spectrum**

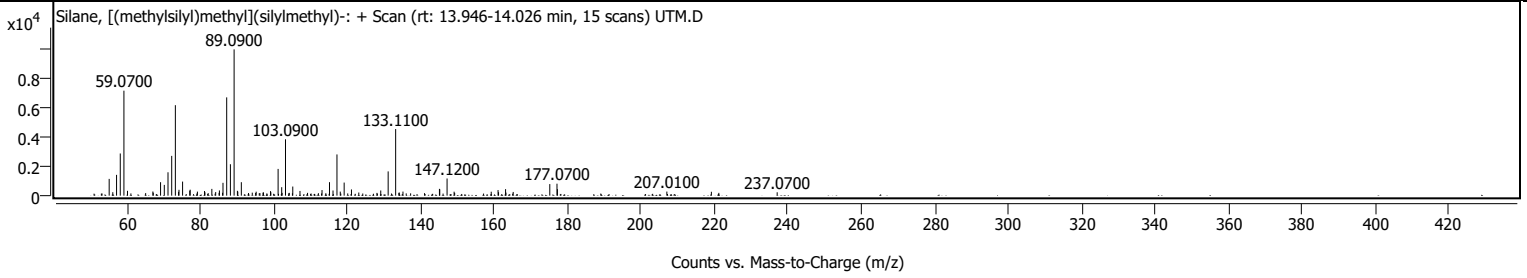


**Library Spectrum**



**+ Scan (rt: 13.946-14.026 min) Peak 39 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)**

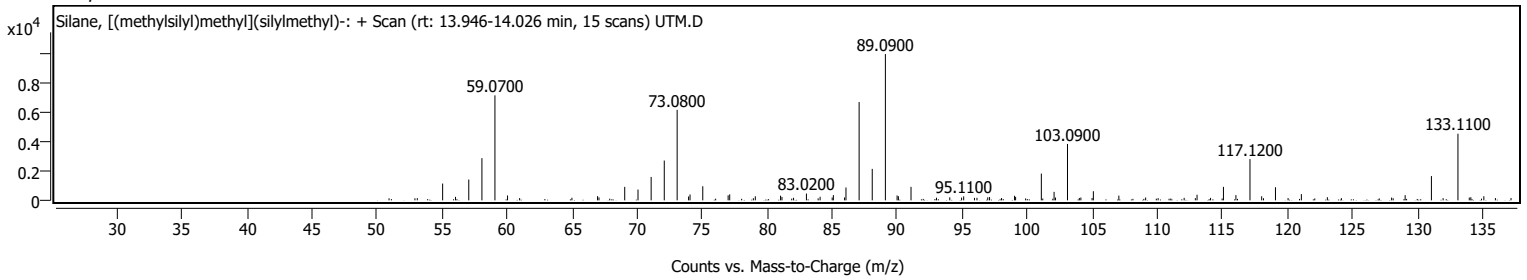
# Analysis Report



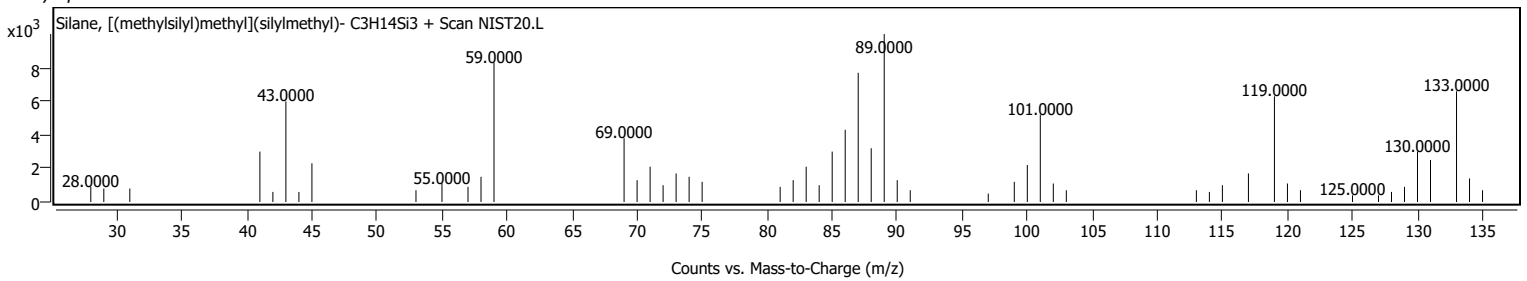
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	64.15	64.15	NIST20.L
LibSearch	1,3,5-Trisilahehexane, 5-methyl-	C4H16Si3	18827-17-3	62.07	62.07	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	56.89	56.89	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	56.66	56.66	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	56.51	56.51	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	55.82	55.82	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocycloencosane	C14H28O8	77887-94-6	54.48	54.48	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	54.10	54.10	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	53.81	53.81	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C17H36O9	25990-96-9	53.78	53.78	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	64.15	64.15	NIST20.L

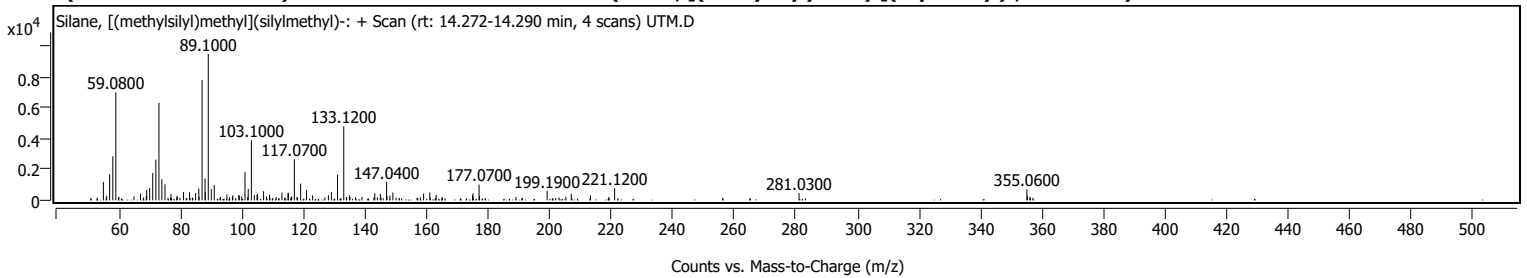
### Observed Spectrum



### Library Spectrum



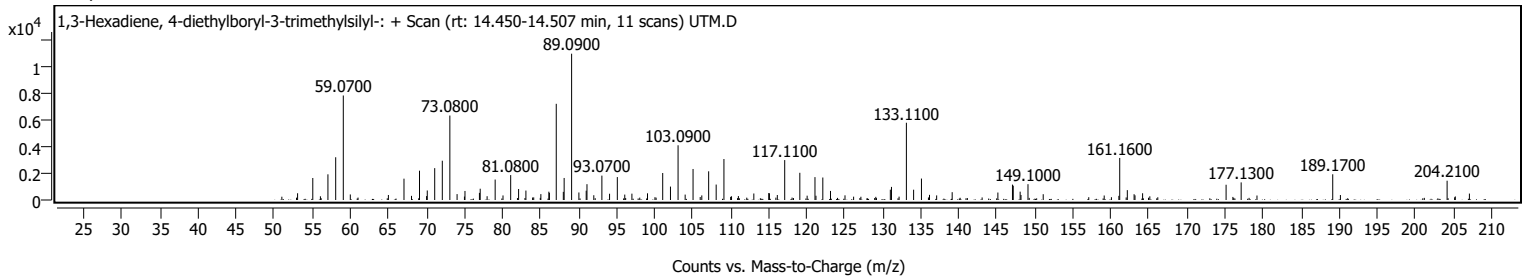
### + Scan (rt: 14.272-14.290 min) Peak 40 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



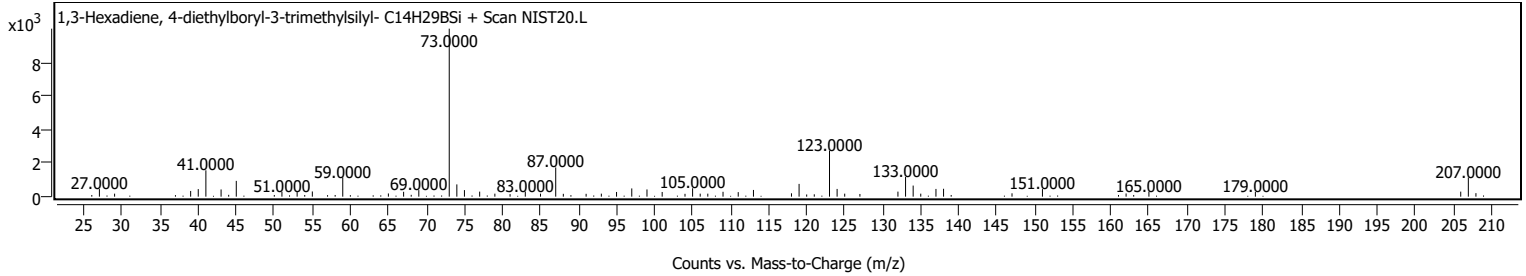


# Analysis Report

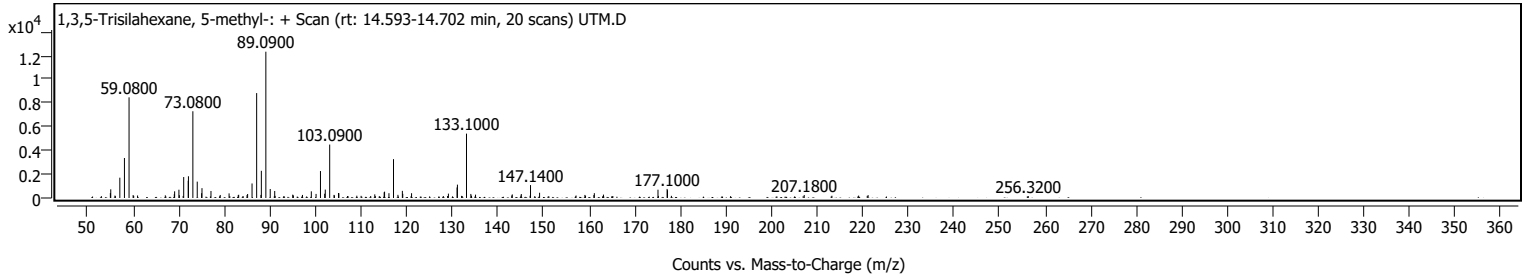
## Observed Spectrum



## Library Spectrum



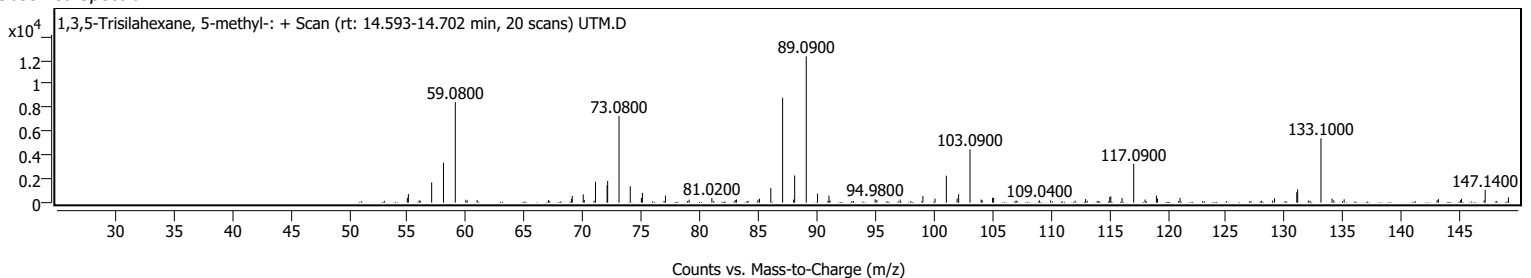
## + Scan (rt: 14.593-14.702 min) Peak 42 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	63.11	63.11	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.00	63.00	NIST20.L
LibSearch	Silane, methylenebis[methyl-]	C3H12Si2	5654-05-7	59.77	59.77	NIST20.L
LibSearch	3-Ethoxypropanol, TMS derivative	C8H20O2Si	1000378-32-3	58.59	58.59	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	58.05	58.05	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	58.04	58.04	NIST20.L
LibSearch	4-Methoxy-1-butanol, TMS derivative	C8H20O2Si	16654-44-7	57.90	57.90	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	57.35	57.35	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	57.31	57.31	NIST20.L
LibSearch	Methyl 2-hydroxy-2-methoxyacetate, TMS	C7H16O4Si	1010509-93-2	56.10	56.10	NIST20.L

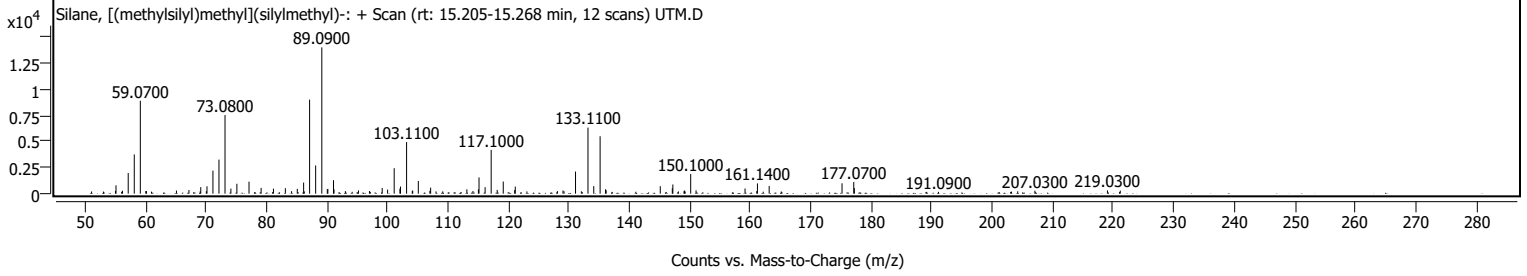
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	63.11	63.11	NIST20.L

## Observed Spectrum





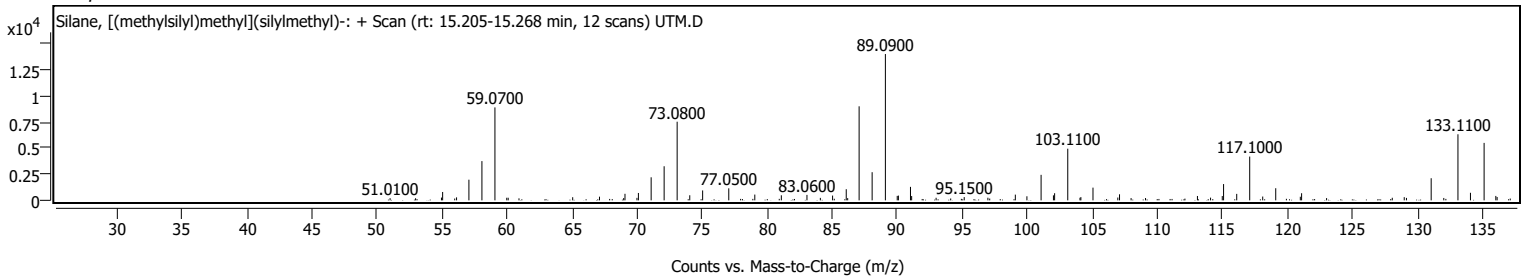
# Analysis Report



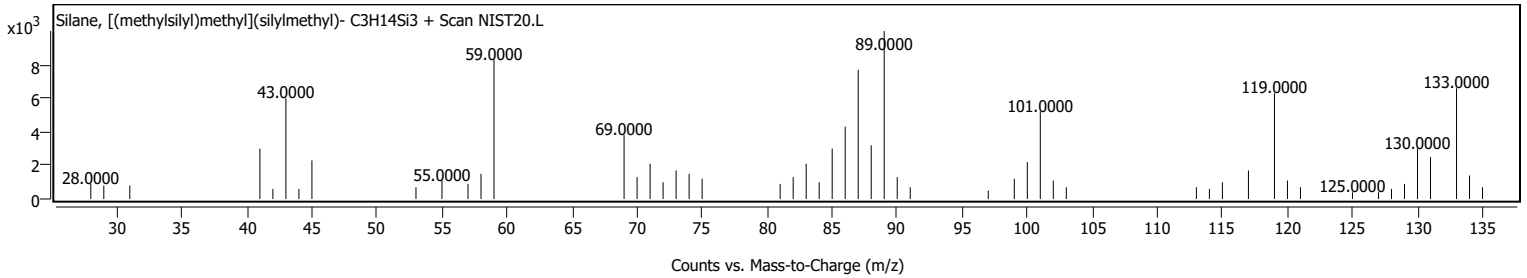
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.31	61.31	NIST20.L
LibSearch	Methoxytrimethylgermanium	C4H12GeO	6163-67-3	59.07	59.07	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	57.83	57.83	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	54.00	54.00	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	53.74	53.74	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	53.35	53.35	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	52.78	52.78	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	52.52	52.52	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	51.71	51.71	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	51.69	51.69	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.31	61.31	NIST20.L

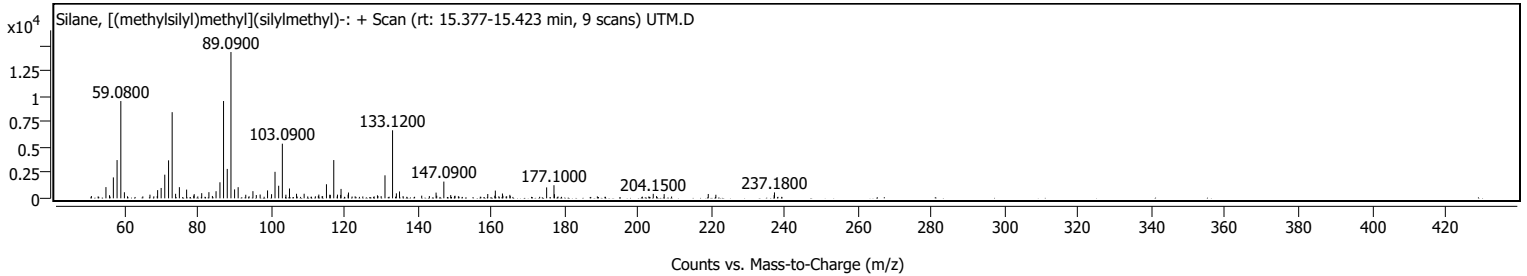
### Observed Spectrum



### Library Spectrum



### + Scan (rt: 15.377-15.423 min) Peak 45 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

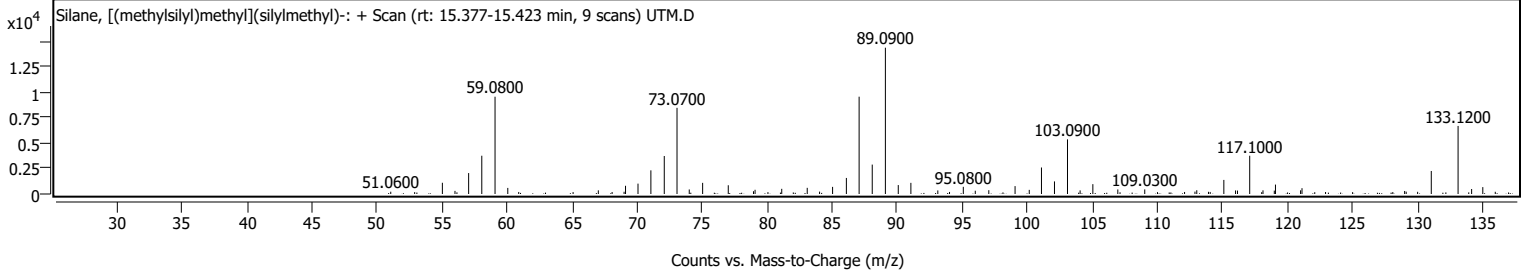


# Analysis Report

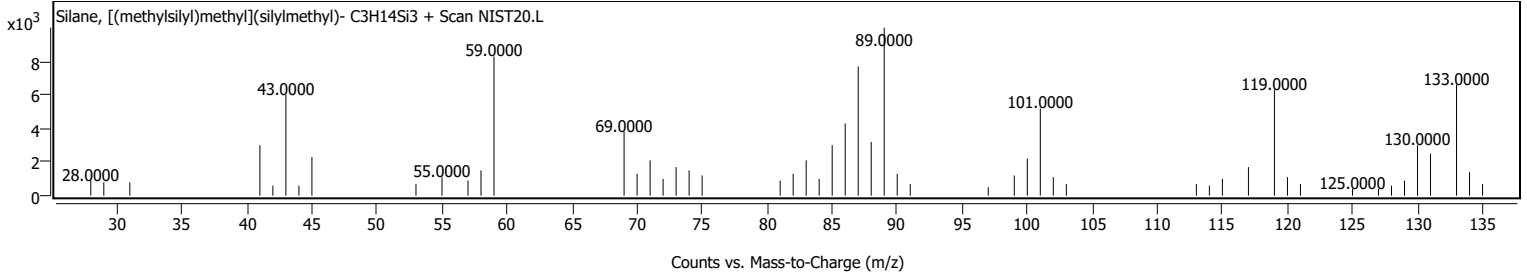
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.55	63.55	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	60.56	60.56	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	57.68	57.68	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	56.74	56.74	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	56.52	56.52	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	55.60	55.60	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	54.65	54.65	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	53.88	53.88	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	53.86	53.86	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocyclococtacosane	C14H28O8	77887-94-6	53.71	53.71	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.55	63.55	NIST20.L

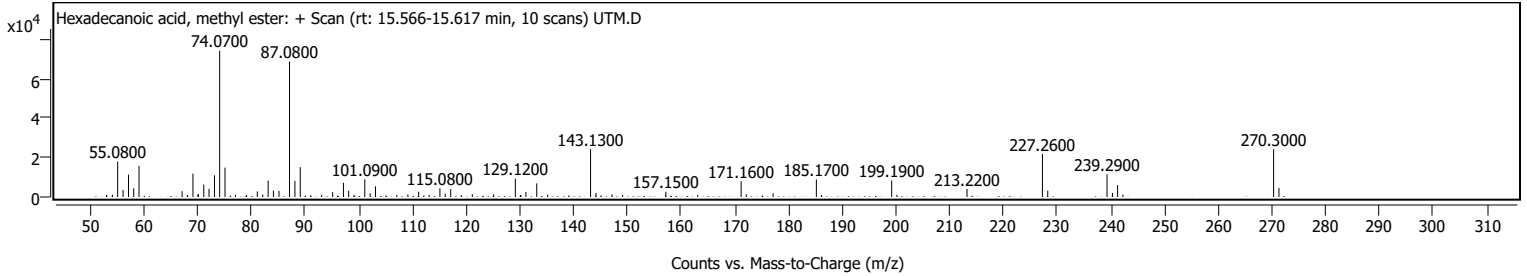
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 15.566-15.617 min) Peak 46 from + TIC Scan (Hexadecanoic acid, methyl ester; C17H34O2)



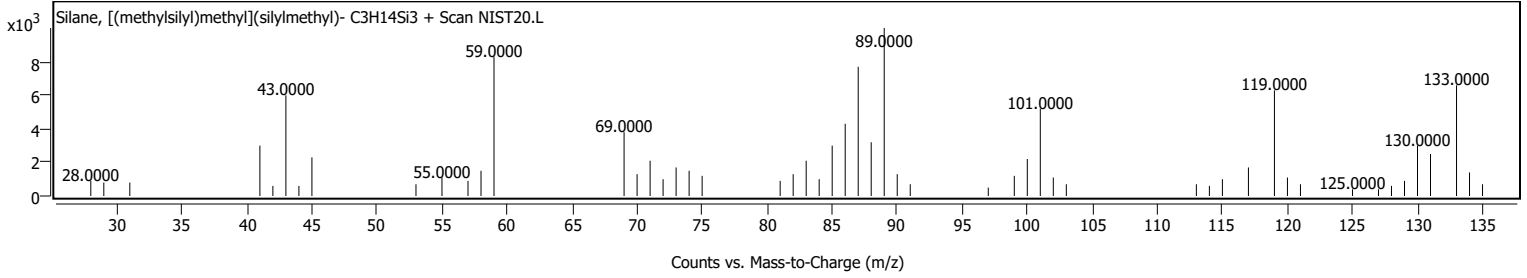
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	64.17	64.17	NIST20.L
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	63.12	63.12	NIST20.L
LibSearch	Pentadecanoic acid, 14-methyl-, methyl ester	C17H34O2	5129-60-2	62.47	62.47	NIST20.L
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	59.69	59.69	NIST20.L
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	58.44	58.44	NIST20.L
LibSearch	Hexadecanoic acid, 2-methyl-	C17H34O2	27147-71-3	56.44	56.44	NIST20.L
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	55.48	55.48	NIST20.L
LibSearch	Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	53.55	53.55	NIST20.L
LibSearch	Pentadecanoic acid, 13-methyl-, methyl ester	C17H34O2	5487-50-3	53.52	53.52	NIST20.L
LibSearch	Pentadecanoic acid, 14-methyl-, methyl ester	C17H34O2	5129-60-2	52.46	52.46	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Hexadecanoic acid, methyl ester	C17H34O2	112-39-0	64.17	64.17	NIST20.L

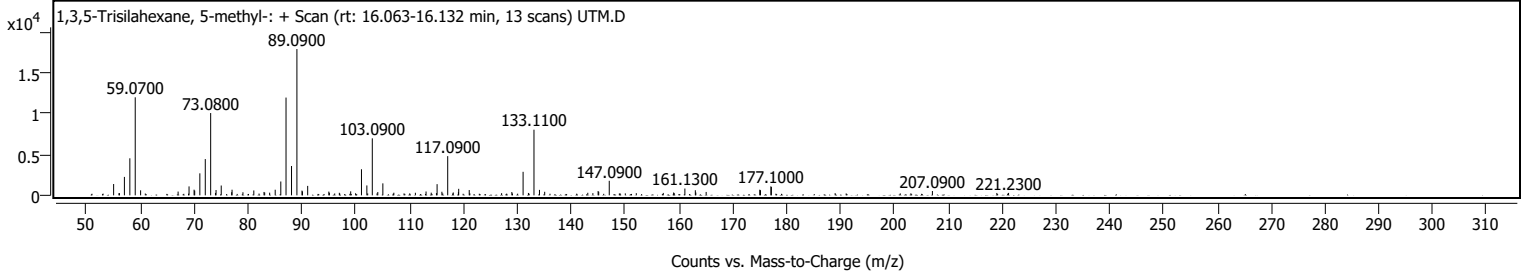


# Analysis Report

## Library Spectrum



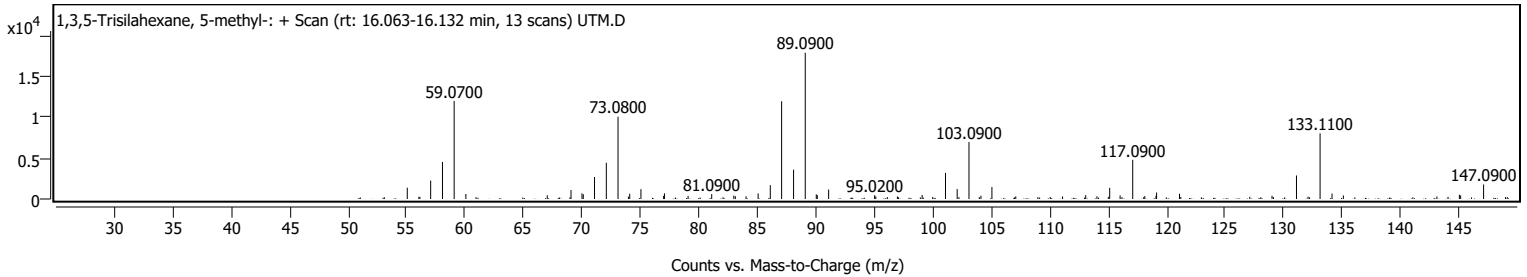
## + Scan (rt: 16.063-16.132 min) Peak 48 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



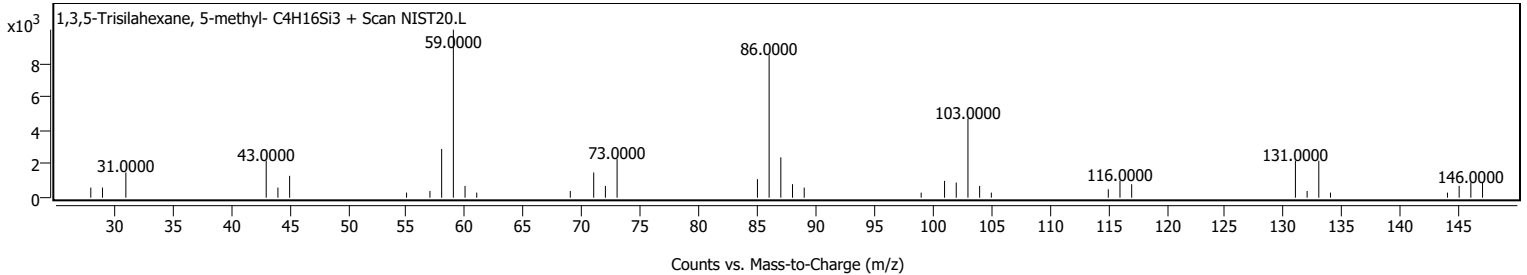
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	64.79	64.79	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	63.98	63.98	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	59.45	59.45	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	59.26	59.26	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	59.01	59.01	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	58.24	58.24	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	56.08	56.08	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C17H36O9	25990-96-9	55.75	55.75	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	55.46	55.46	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl acetate	C25H50O13	1000351-91-9	55.37	55.37	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	64.79	64.79	NIST20.L

## Observed Spectrum



## Library Spectrum



## + Scan (rt: 16.218-16.310 min) Peak 49 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)

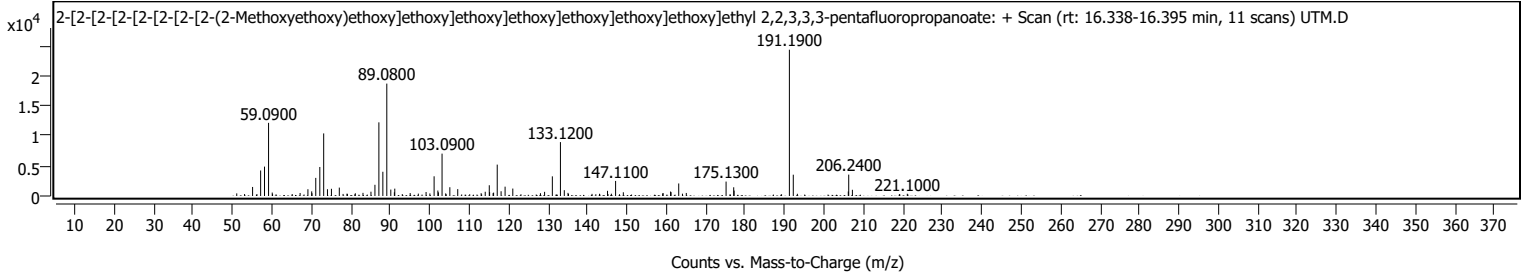


# Analysis Report

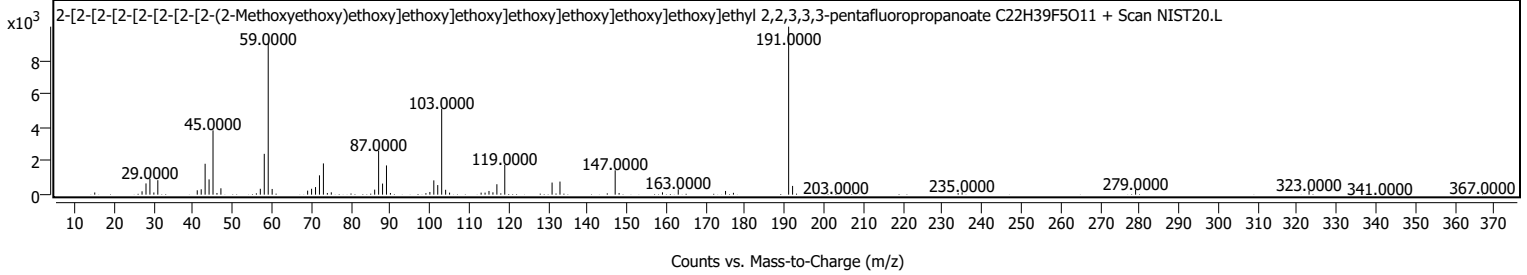
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C22H39F5O11	1000351-97-5	55.38	55.38	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C24H43F5O12	1000351-97-6	55.25	55.25	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C26H47F5O13	1000351-97-7	55.23	55.23	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C28H51F5O14	1000351-97-8	55.06	55.06	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C20H35F5O10	1000351-97-4	54.04	54.04	NIST20.L
LibSearch	Cyclooctyl N,N-diisopropylphosphoramidocyanidate	C15H29N2O2P	1000298-43-3	53.49	53.49	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C18H31F5O9	1000351-97-3	53.06	53.06	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C30H55F5O15	1000351-97-9	53.04	53.04	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	51.24	51.24	NIST20.L
LibSearch	2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C16H27F5O8	1010351-97-2	51.09	51.09	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethyl 2,2,3,3,3-pentafluoropropanoate	C22H39F5O11	1000351-97-5	55.38	55.38	NIST20.L

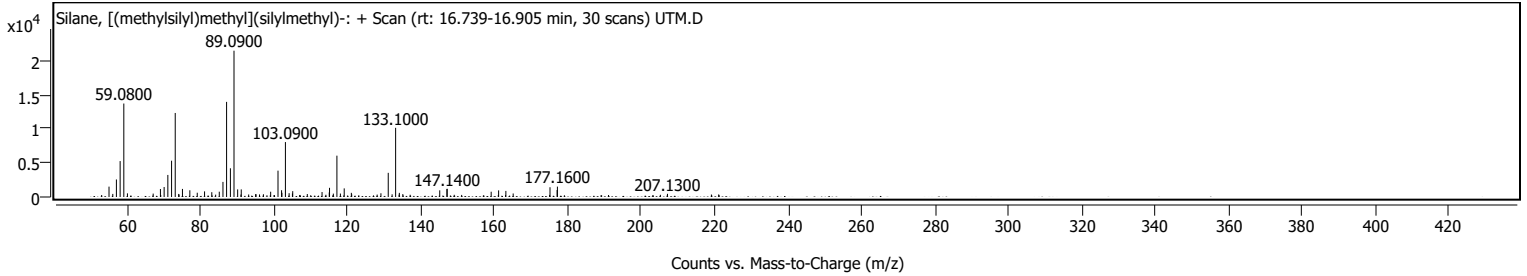
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 16.739-16.905 min) Peak 51 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

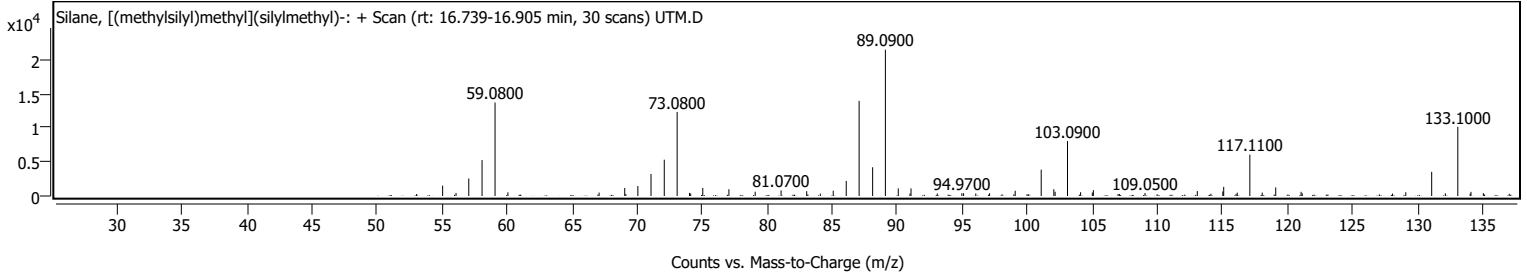


# Analysis Report

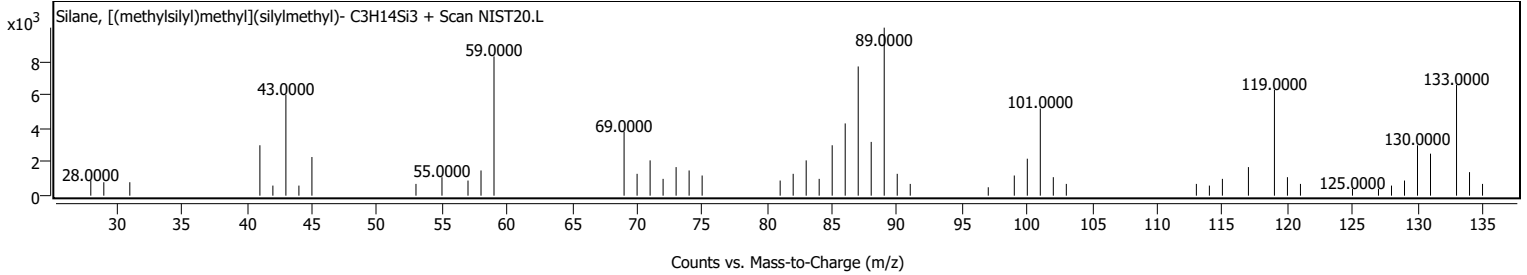
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	64.15	64.15	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	62.77	62.77	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	59.04	59.04	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	58.77	58.77	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	58.00	58.00	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	57.90	57.90	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	55.53	55.53	NIST20.L
LibSearch	2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C17H36O9	25990-96-9	55.41	55.41	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	55.16	55.16	NIST20.L
LibSearch	(18S,19S)-18,19-Dihydroxy-1,4,7,10,13,16-hexaoxocyclocoenosane	C14H28O8	77887-94-6	55.10	55.10	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	64.15	64.15	NIST20.L

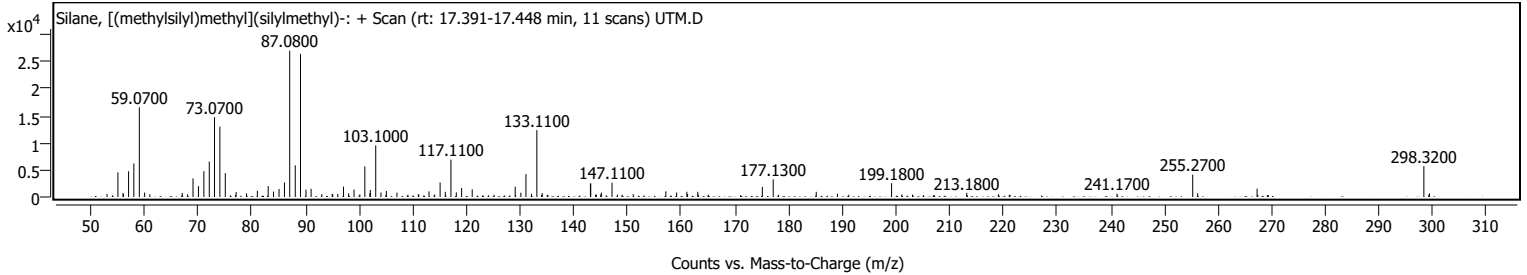
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 17.391-17.448 min) Peak 52 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)

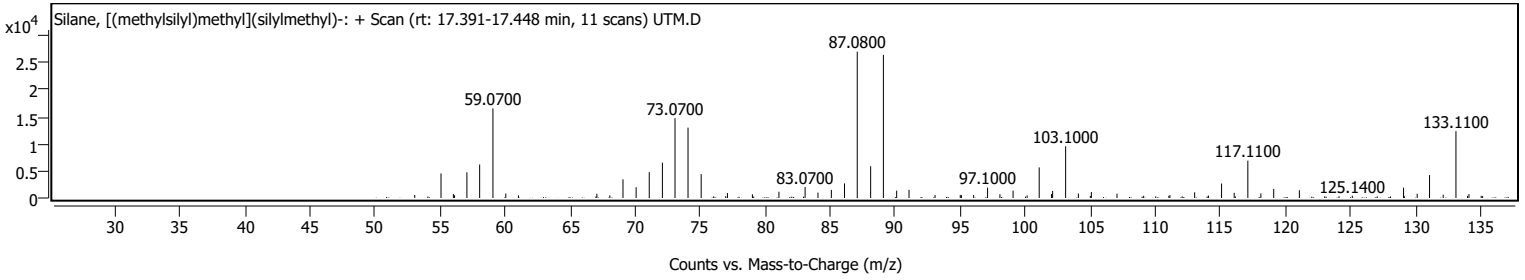


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	59.11	59.11	NIST20.L
LibSearch	Methyl 2-(2-(trimethylsilyloxy)ethoxy)acetate	C8H18O4Si	1000366-82-8	56.14	56.14	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	54.15	54.15	NIST20.L
LibSearch	2-(2-Methoxyethoxy)acetic acid, TMS derivative	C8H18O4Si	1000366-86-5	53.36	53.36	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	51.67	51.67	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	51.33	51.33	NIST20.L
LibSearch	Silane, dimethyl[(methylsilyl)methyl]-	C4H14Si2	18148-13-5	49.15	49.15	NIST20.L
LibSearch	Germacyclobutane, 1,1-dimethyl-	C5H12Ge	21961-74-0	48.46	48.46	NIST20.L
LibSearch	15-Crown-5, [2-(diethylboryl)phenyl]-	C20H33BO5	1000162-41-9	48.16	48.16	NIST20.L
LibSearch	Germacyclopentane, 1-propyl-	C7H16Ge	4554-78-3	48.02	48.02	NIST20.L

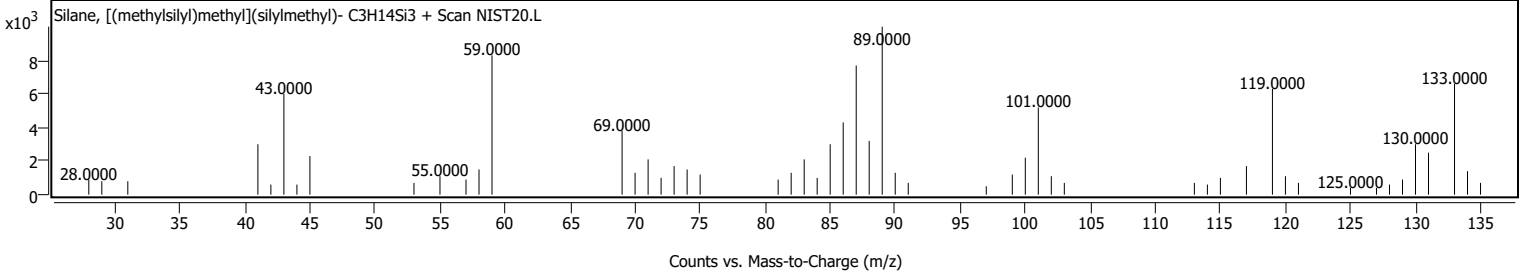
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	59.11	59.11	NIST20.L

# Analysis Report

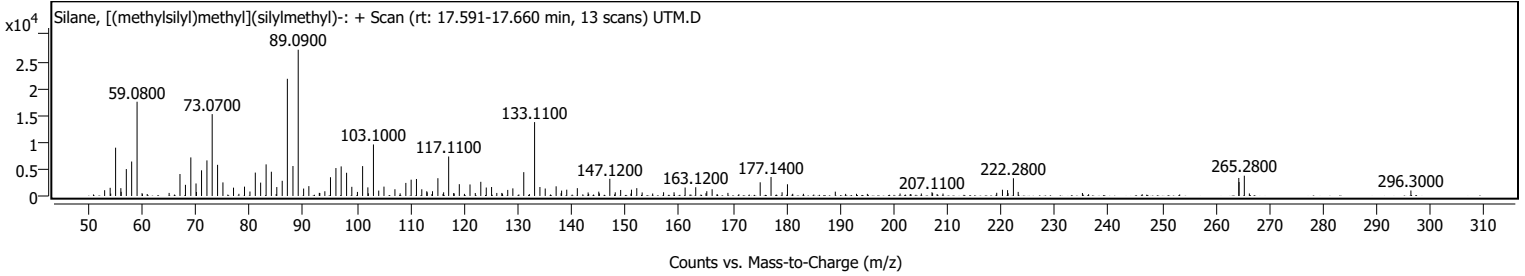
## Observed Spectrum



## Library Spectrum



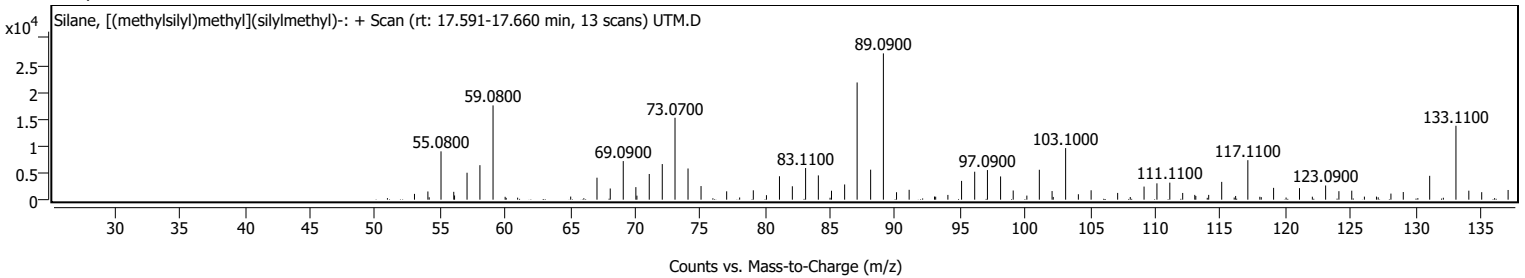
## + Scan (rt: 17.591-17.660 min) Peak 53 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	57.05	57.05	NIST20.L
LibSearch	1,3-Hexadiene, 4-diethylboryl-3-trimethylsilyl-	C14H29BSi	1000155-03-7	52.87	52.87	NIST20.L
LibSearch	.beta.-D-Mannofuranoside, 3,6,9-trioxadecyl-2,3:5,6-di-O-ethylboranediyl-	C17H32B2O9	1000155-77-2	49.72	49.72	NIST20.L
LibSearch	3-(1,3-Dihydroxyisopropyl)-1,5,8,11,14,17-hexaoxacyclononadecane	C16H32O8	109773-65-1	49.36	49.36	NIST20.L
LibSearch	15,15'-Bi-1,4,7,10,13-pentaoxacyclohexadecane	C22H42O10	109773-67-3	48.77	48.77	NIST20.L
LibSearch	(2S,2'S)-2,2'-Bis[1,4,7,10,13-pentaoxacyclopentadecane]	C20H38O10	95721-96-3	48.56	48.56	NIST20.L
LibSearch	Silane, methylenebis[methyl-	C3H12Si2	5654-05-7	48.30	48.30	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	47.79	47.79	NIST20.L
LibSearch	1,1,1-Trimethyldisilane	C3H12Si2	1000433-69-9	47.71	47.71	NIST20.L
LibSearch	3-Hexene, 3-diethylboryl-4-trimethylsilyl-	C13H29BSi	59766-51-7	46.18	46.18	NIST20.L

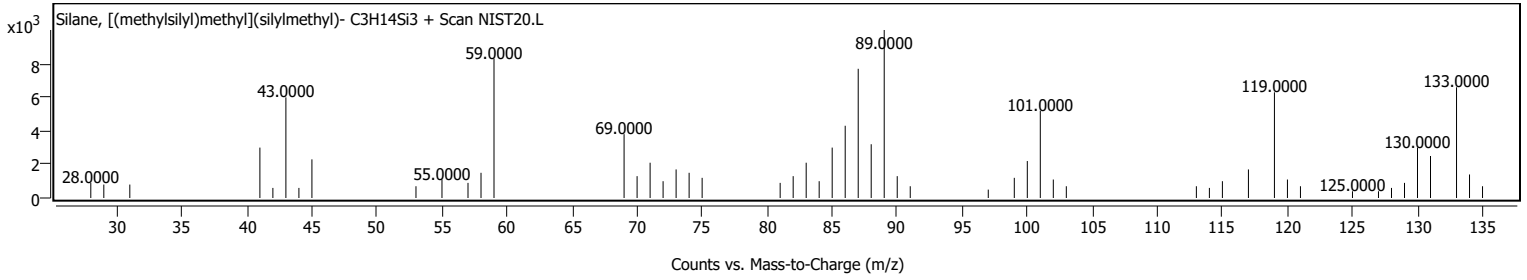
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	57.05	57.05	NIST20.L

## Observed Spectrum

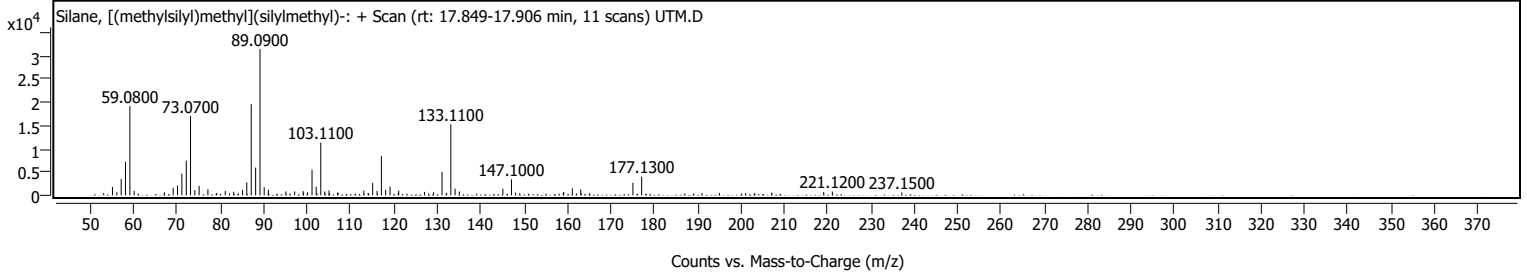


# Analysis Report

## Library Spectrum



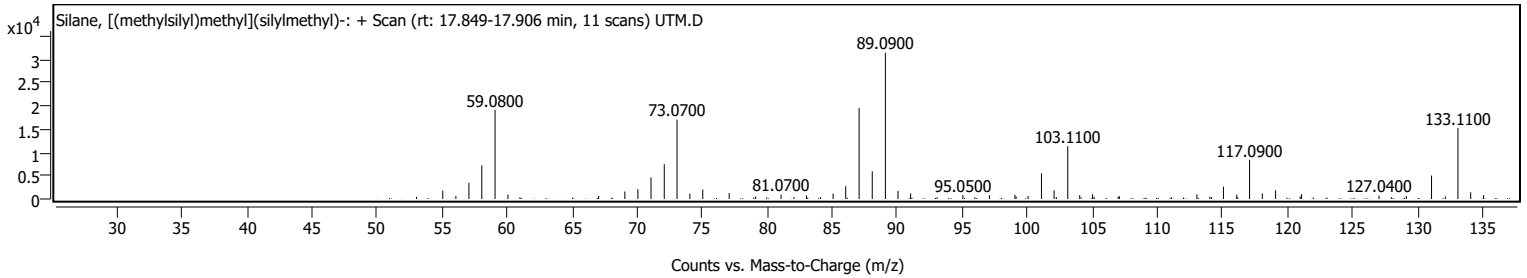
## + Scan (rt: 17.849-17.906 min) Peak 54 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



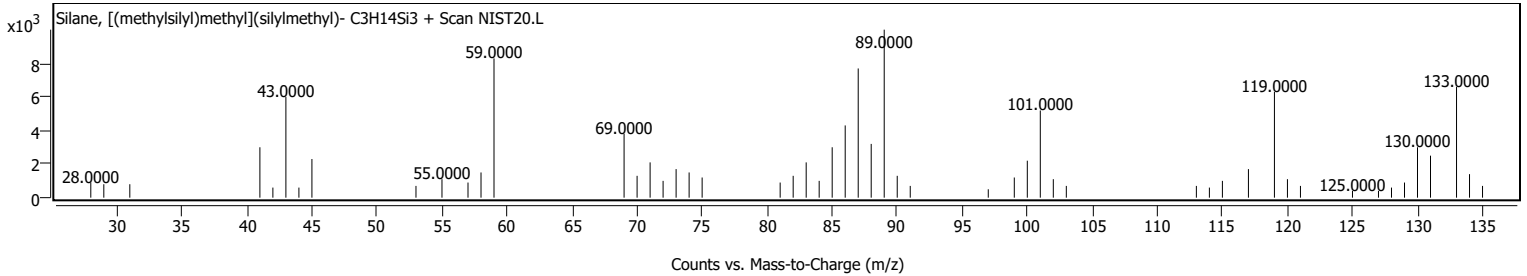
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.90	62.90	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.27	61.27	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	60.31	60.31	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	59.93	59.93	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	58.36	58.36	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	56.63	56.63	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	56.32	56.32	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	56.18	56.18	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	56.15	56.15	NIST20.L
LibSearch	Decaethylene glycol monomethyl ether, TMS derivative	C24H52O11Si	1000352-08-0	56.08	56.08	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	62.90	62.90	NIST20.L

## Observed Spectrum

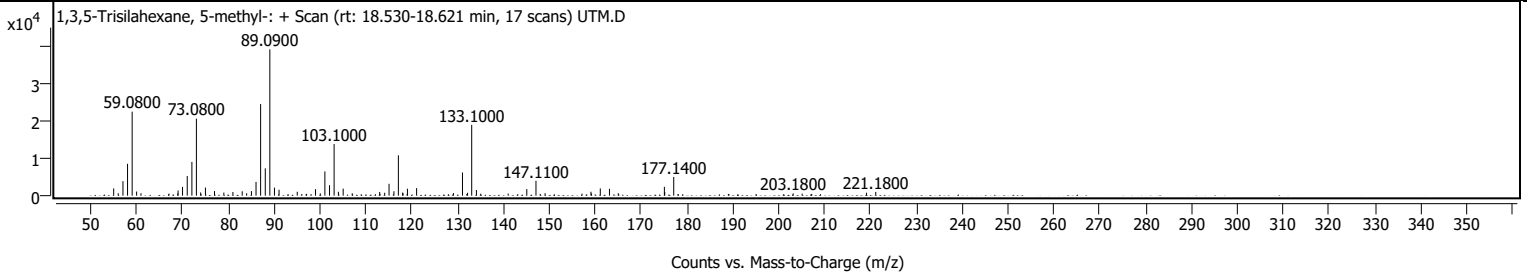


## Library Spectrum



## + Scan (rt: 18.530-18.621 min) Peak 55 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)

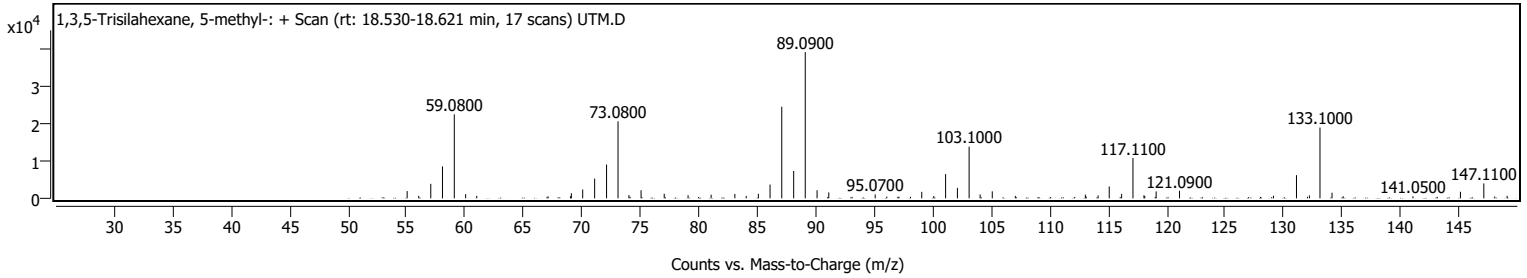
# Analysis Report



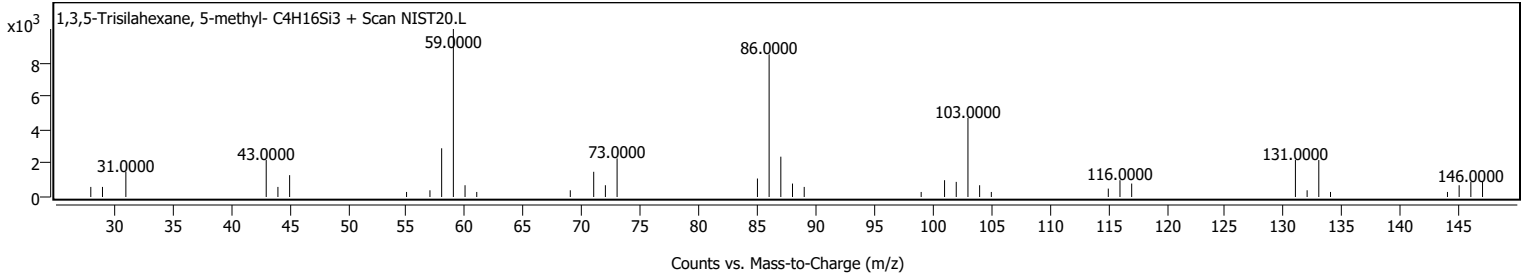
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	63.18	63.18	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.40	61.40	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.26	61.26	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	60.89	60.89	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.73	59.73	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	57.57	57.57	NIST20.L
LibSearch	Silane, methylenebis(methyl)-	C3H12Si2	5654-05-7	57.31	57.31	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	57.21	57.21	NIST20.L
LibSearch	Nonaeethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	56.82	56.82	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C17H36O9	25990-96-9	56.81	56.81	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	63.18	63.18	NIST20.L

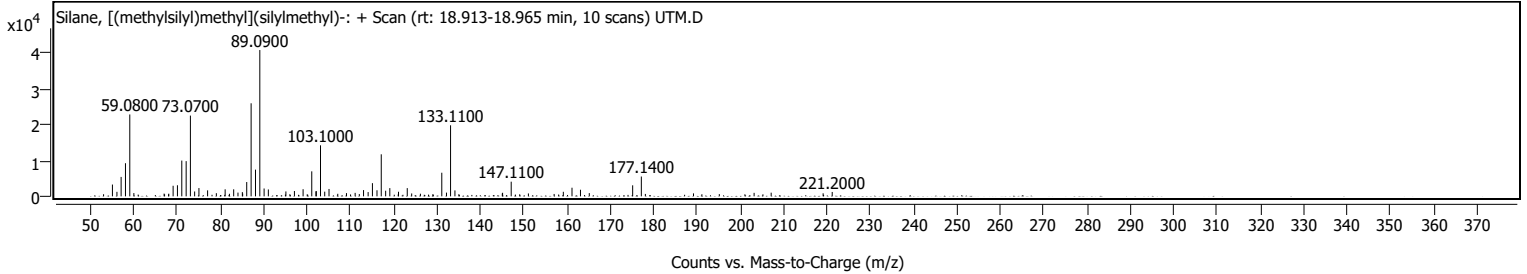
### Observed Spectrum



### Library Spectrum



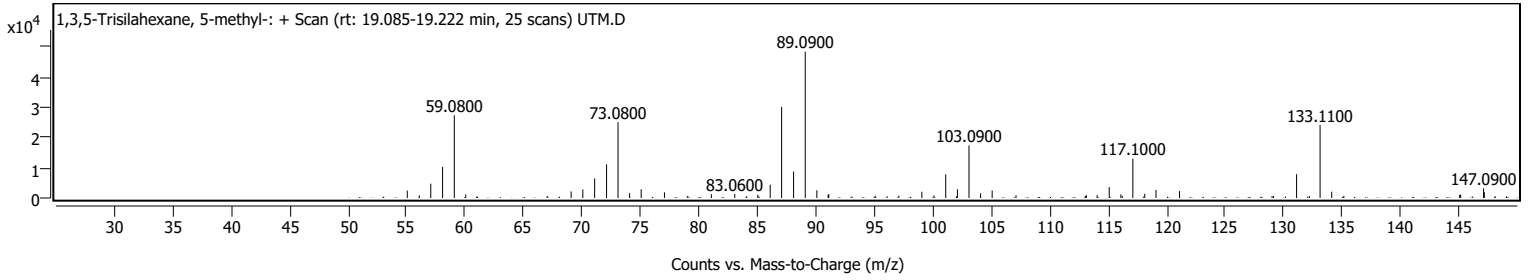
### + Scan (rt: 18.913-18.965 min) Peak 56 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



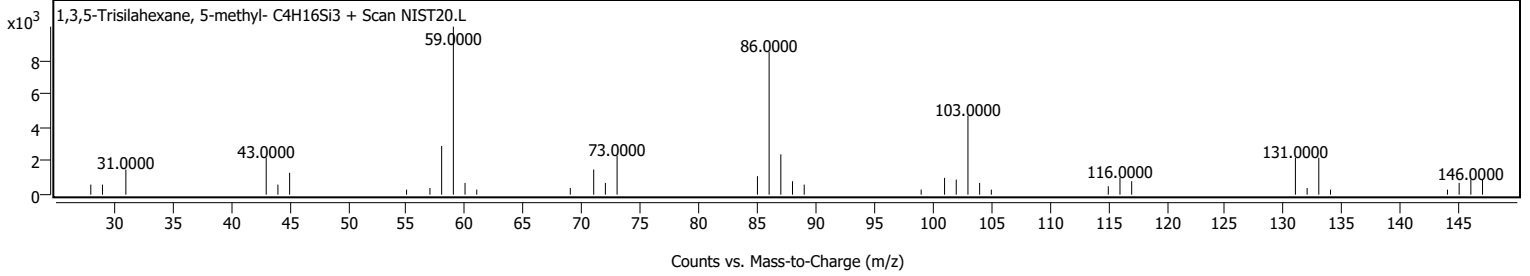


# Analysis Report

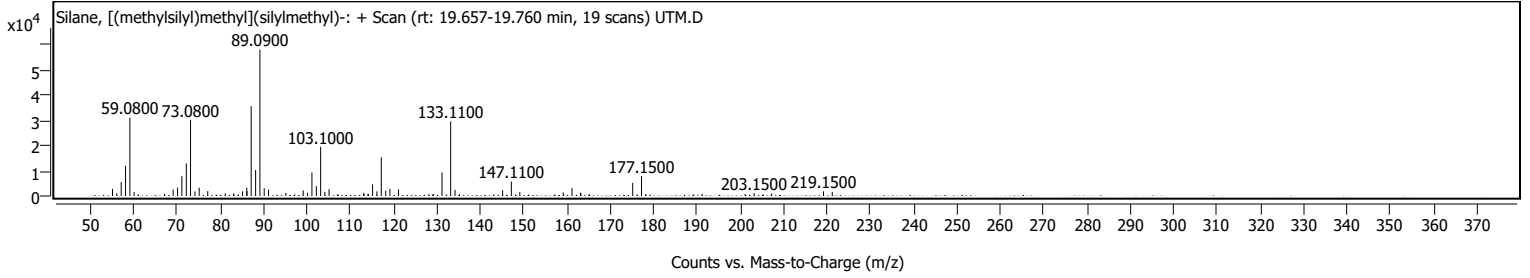
## Observed Spectrum



## Library Spectrum



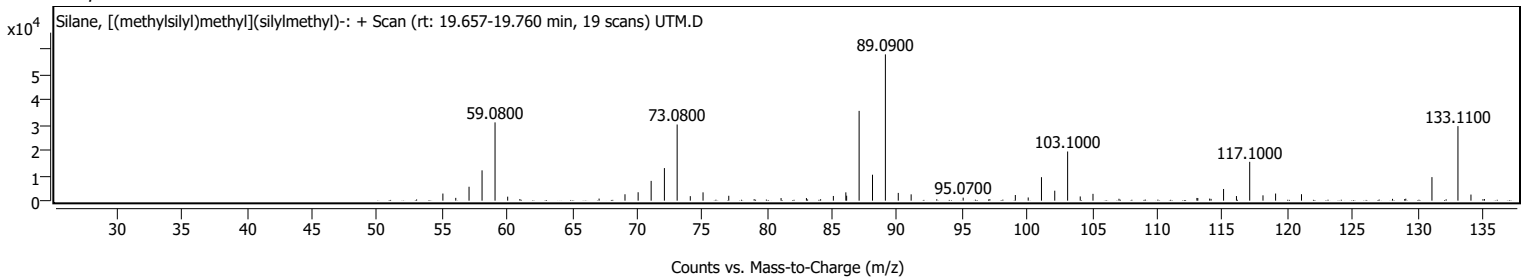
## + Scan (rt: 19.657-19.760 min) Peak 58 from + TIC Scan (Silane, [(methylsilyl)methyl](silylmethyl)-; C3H14Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.37	61.37	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	60.97	60.97	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	60.87	60.87	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	60.51	60.51	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.22	59.22	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	57.80	57.80	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	57.42	57.42	NIST20.L
LibSearch	Silane, methylenebis(methyl-	C3H12Si2	5654-05-7	56.99	56.99	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	56.95	56.95	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	56.53	56.53	NIST20.L

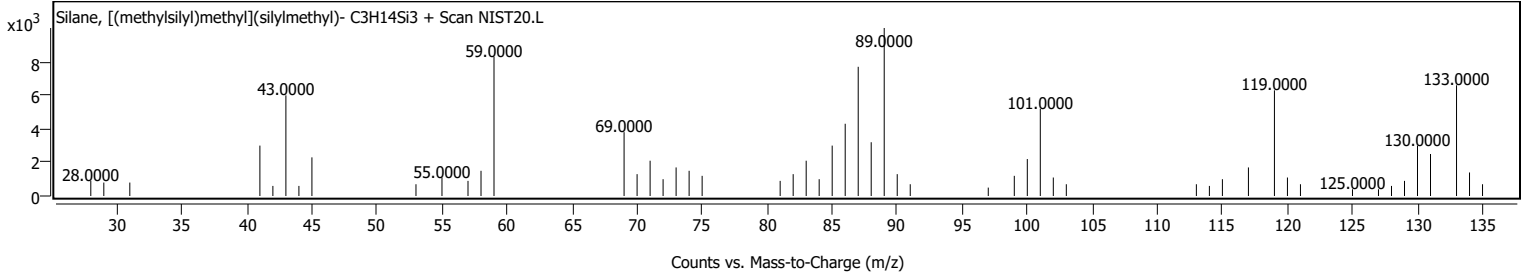
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.37	61.37	NIST20.L

## Observed Spectrum

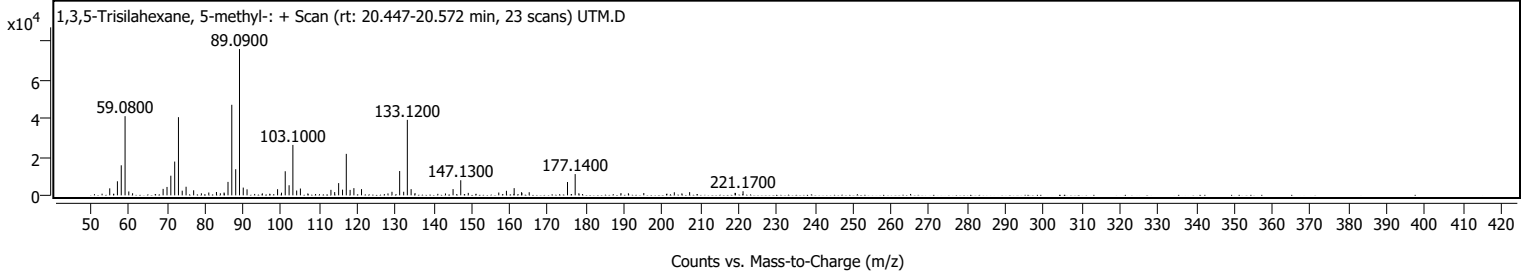


# Analysis Report

## Library Spectrum



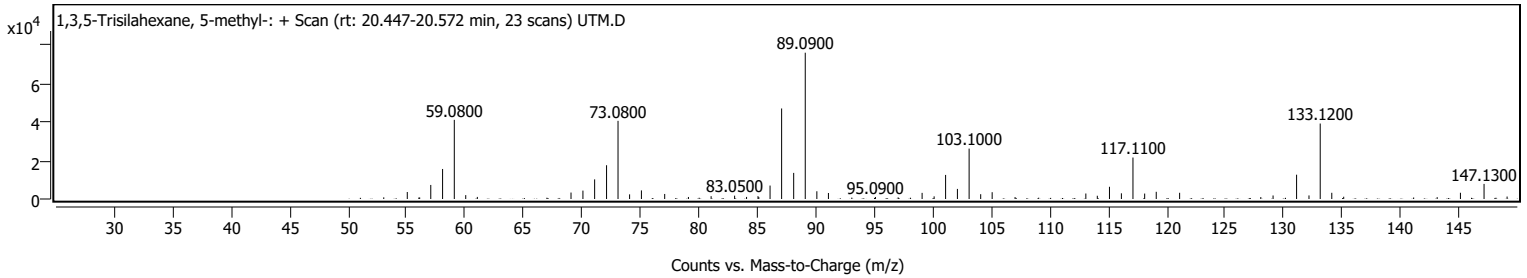
## + Scan (rt: 20.447-20.572 min) Peak 59 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



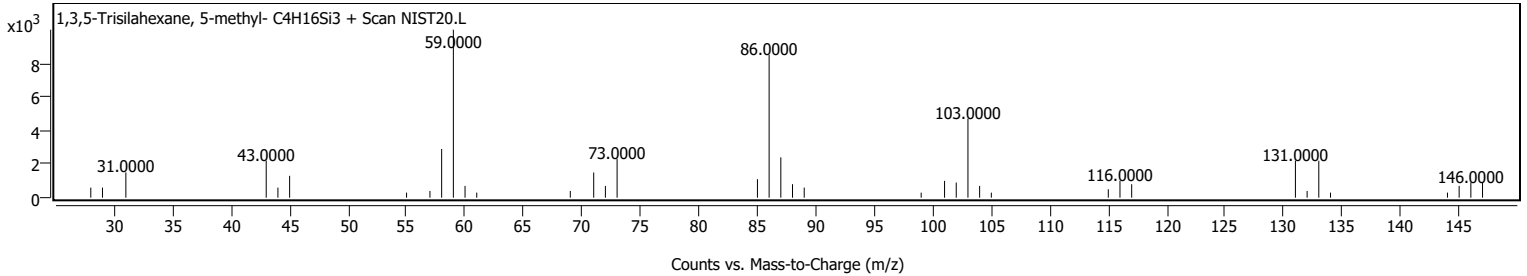
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	62.29	62.29	NIST20.L
LibSearch	Methyltriisitol, TMS derivative	C10H24O4Si	1000352-07-3	61.71	61.71	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.53	61.53	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.33	61.33	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	60.79	60.79	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.51	59.51	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	58.23	58.23	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	57.89	57.89	NIST20.L
LibSearch	Nonaeethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	57.42	57.42	NIST20.L
LibSearch	Decaethylene glycol monomethyl ether, TMS derivative	C24H52O11Si	1000352-08-0	57.03	57.03	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	62.29	62.29	NIST20.L

## Observed Spectrum



## Library Spectrum



## + Scan (rt: 21.139-21.351 min) Peak 60 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)

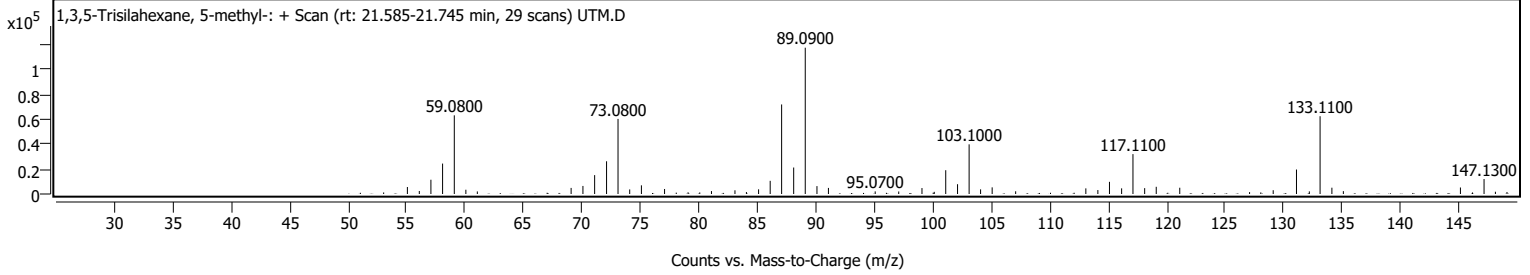


# Analysis Report

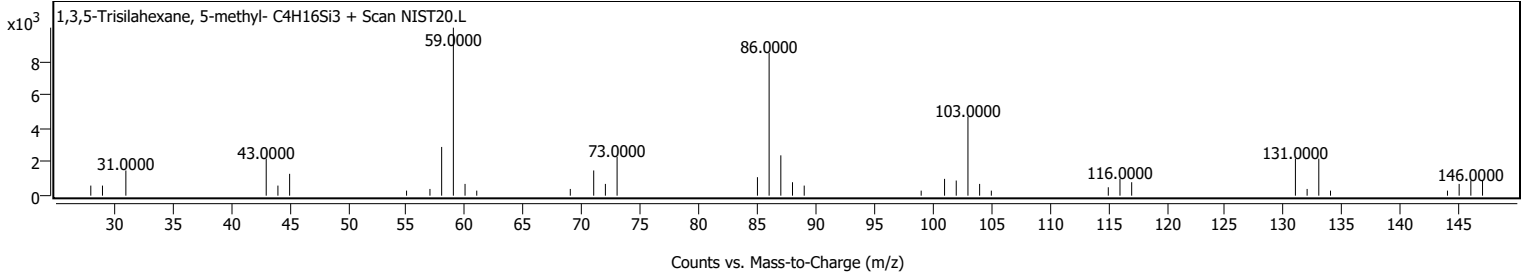
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	62.75	62.75	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.89	61.89	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.44	61.44	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.26	61.26	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.81	59.81	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	58.78	58.78	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	58.55	58.55	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	57.82	57.82	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	57.68	57.68	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	57.67	57.67	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	62.75	62.75	NIST20.L

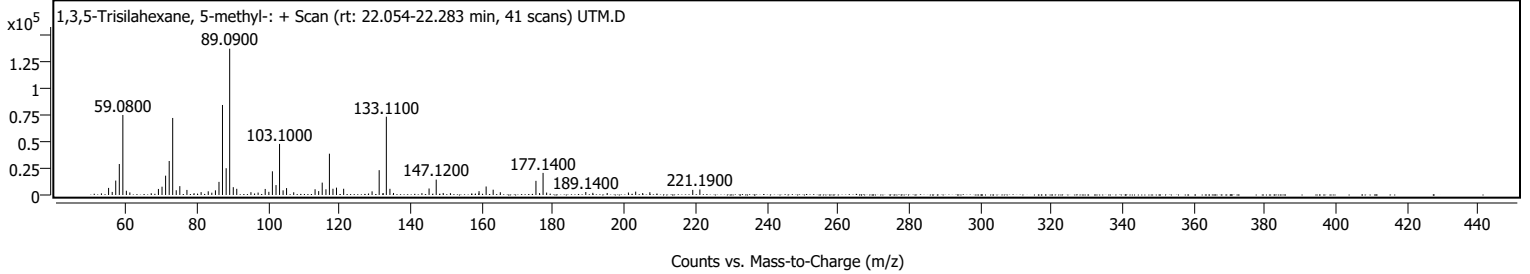
## Observed Spectrum



## Library Spectrum



## + Scan (rt: 22.054-22.283 min) Peak 62 from + TIC Scan (1,3,5-Trisilahexane, 5-methyl-; C4H16Si3)



ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.55	61.55	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	61.18	61.18	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.15	61.15	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	60.60	60.60	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.27	59.27	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	58.39	58.39	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	58.06	58.06	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	57.45	57.45	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	57.02	57.02	NIST20.L
LibSearch	Decaethylene glycol monomethyl ether, TMS derivative	C24H52O11Si	1000352-08-0	57.01	57.01	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.55	61.55	NIST20.L





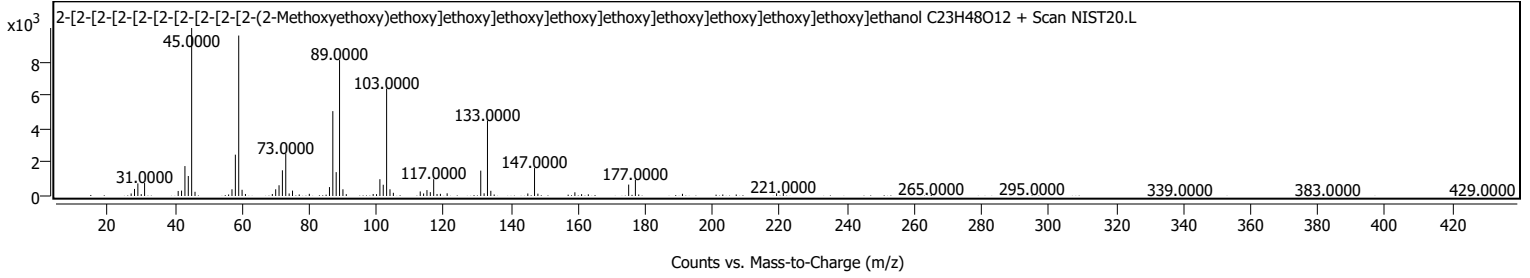






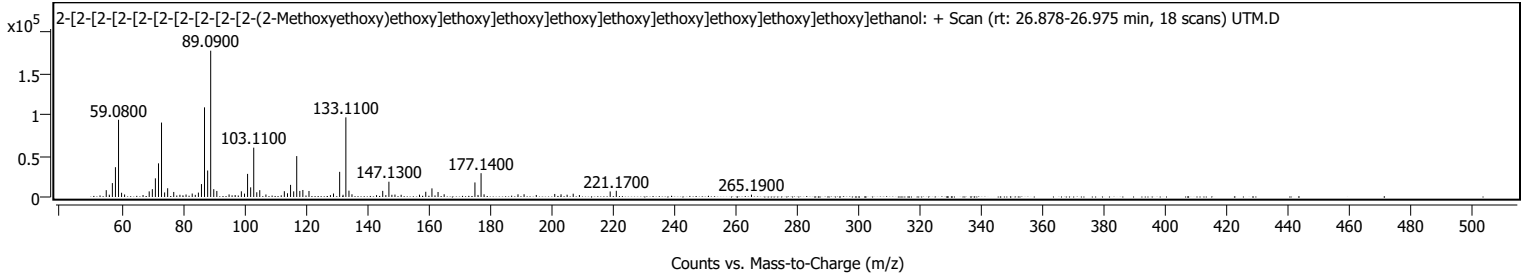
# Analysis Report

## Library Spectrum



## + Scan (rt: 26.878-26.975 min)

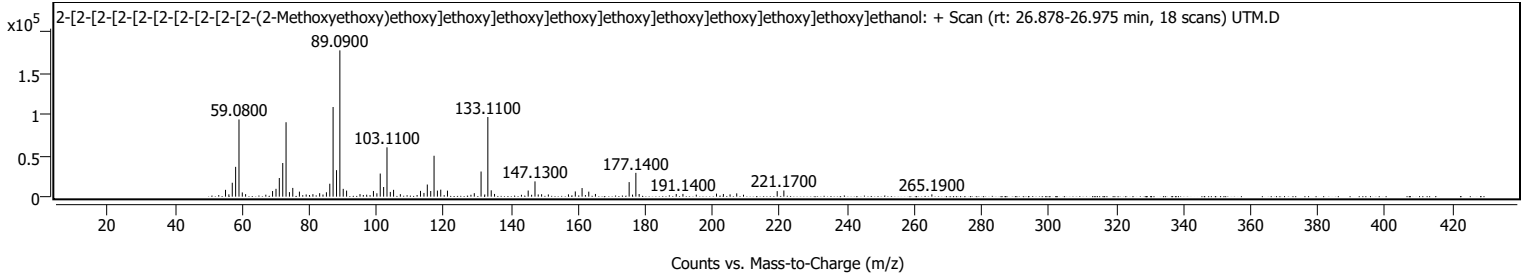
### Peak 69 from + TIC Scan (2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)



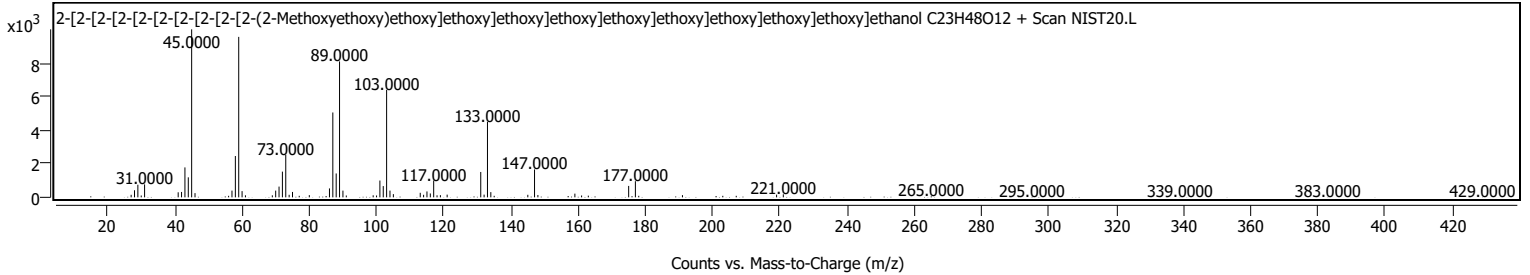
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.19	62.19	NIST20.L
LibSearch	1,4-Dioxane-2,5-diol, 2TBDMS derivative	C16H36O4Si2	1000364-77-2	61.95	61.95	NIST20.L
LibSearch	1,4-Dioxane-2,3-diol, 2TBDMS derivative	C16H36O4Si2	1000364-45-6	61.66	61.66	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.40	61.40	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	61.38	61.38	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	60.27	60.27	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.81	59.81	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	59.64	59.64	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	59.56	59.56	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	58.49	58.49	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.19	62.19	NIST20.L

## Observed Spectrum



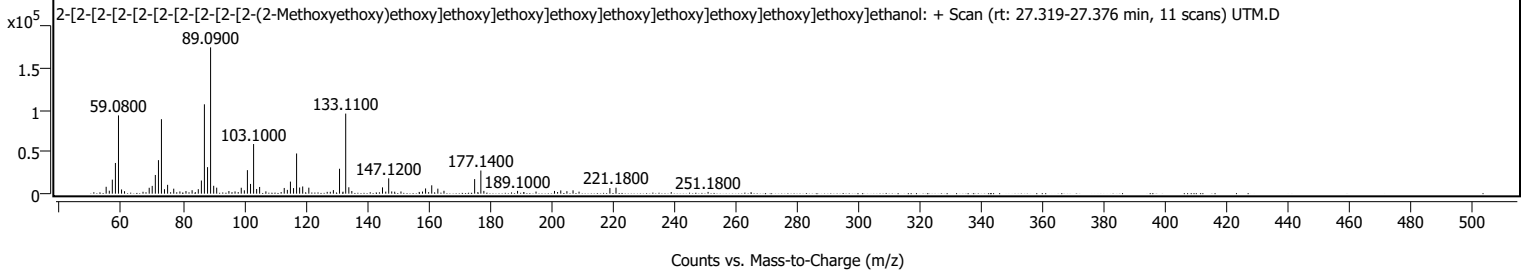
## Library Spectrum



## + Scan (rt: 27.319-27.376 min)

### Peak 70 from + TIC Scan (2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)

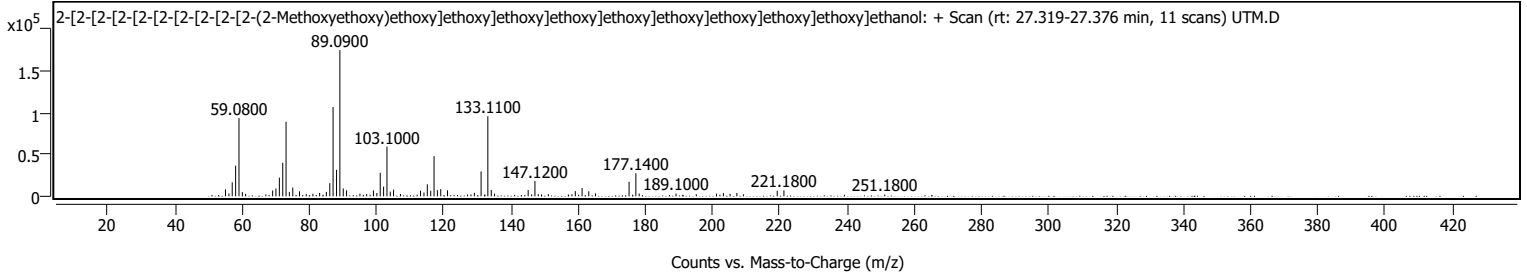
# Analysis Report



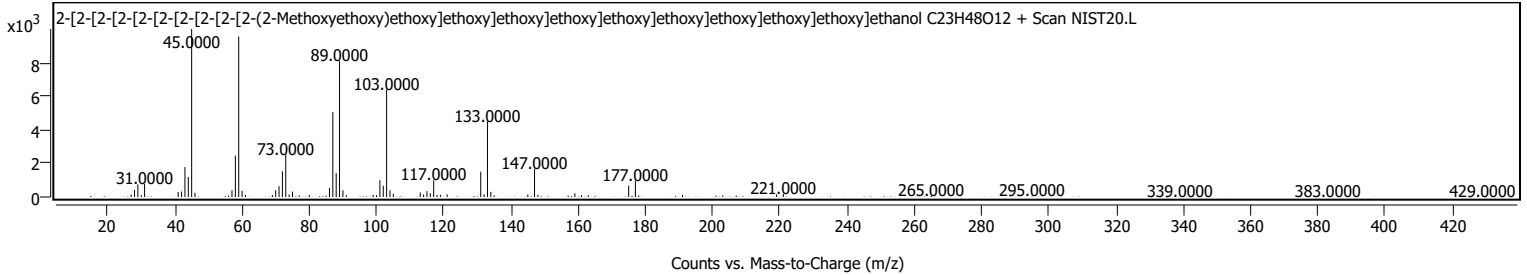
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.13	62.13	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.56	61.56	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.45	61.45	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.97	59.97	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	59.89	59.89	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	59.18	59.18	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	59.00	59.00	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	58.02	58.02	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	57.66	57.66	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C20H42O11	5579-66-8	57.65	57.65	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.13	62.13	NIST20.L

### Observed Spectrum

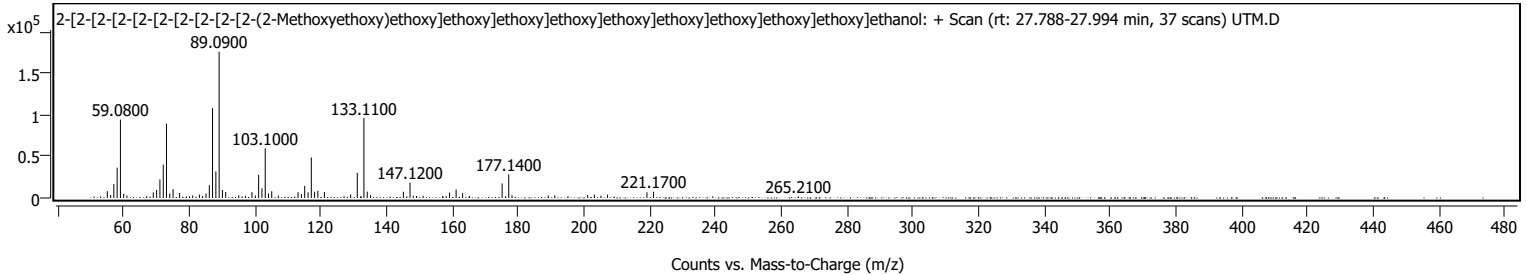


### Library Spectrum



### + Scan (rt: 27.788-27.994 min)

Peak 71 from + TIC Scan (2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)

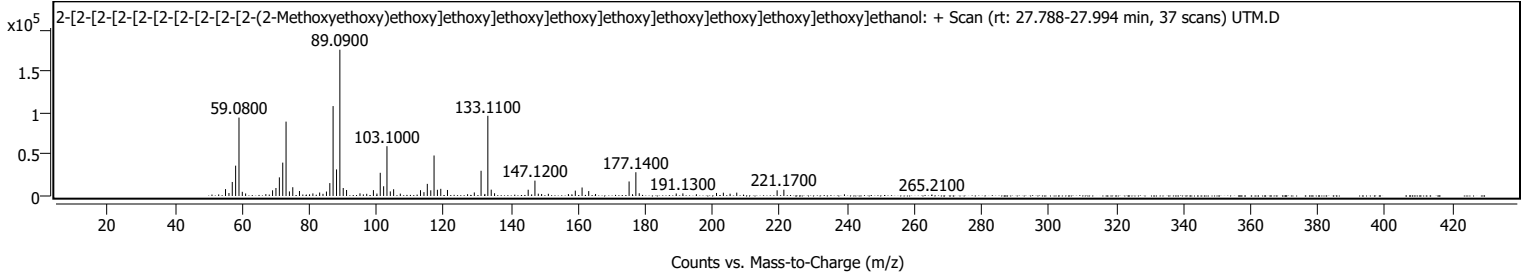


# Analysis Report

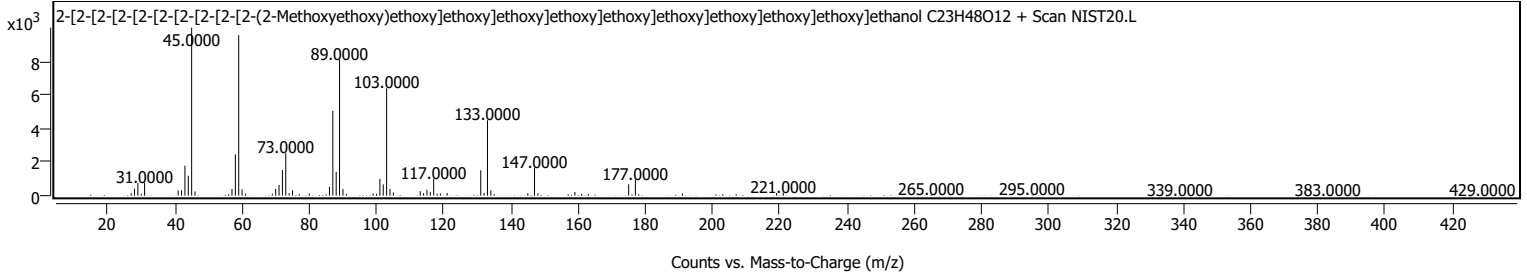
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.24	62.24	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.81	61.81	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.53	61.53	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	59.83	59.83	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.80	59.80	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	59.00	59.00	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	58.90	58.90	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	57.90	57.90	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	57.74	57.74	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	57.71	57.71	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.24	62.24	NIST20.L

## Observed Spectrum

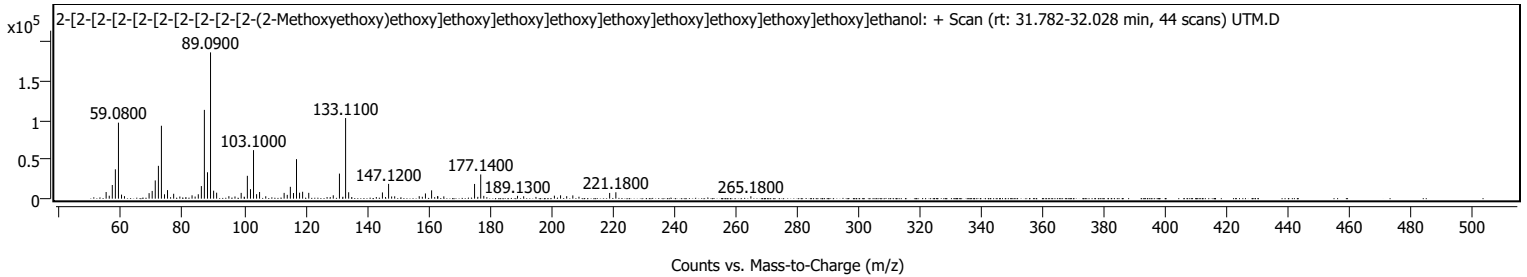


## Library Spectrum



## + Scan (rt: 31.782-32.028 min)

### Peak 72 from + TIC Scan (2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)

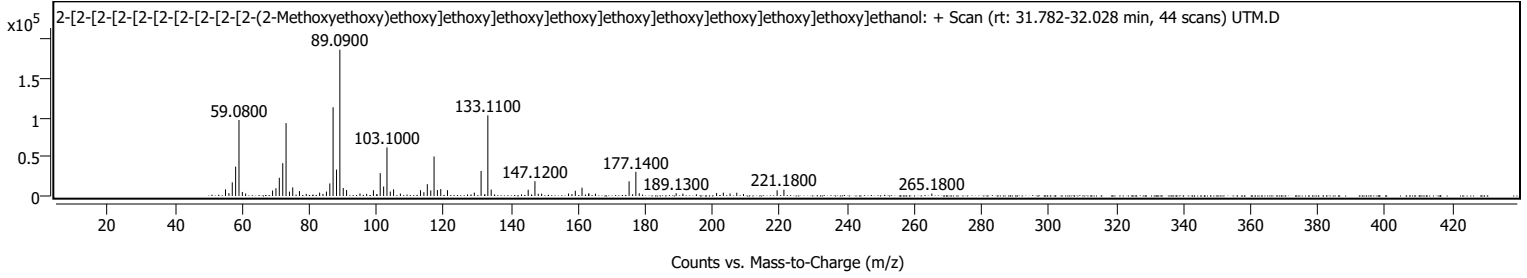


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.97	61.97	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	61.78	61.78	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.21	61.21	NIST20.L
LibSearch	2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.55	59.55	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	59.26	59.26	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	59.20	59.20	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	58.65	58.65	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	58.28	58.28	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	58.26	58.26	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	58.21	58.21	NIST20.L

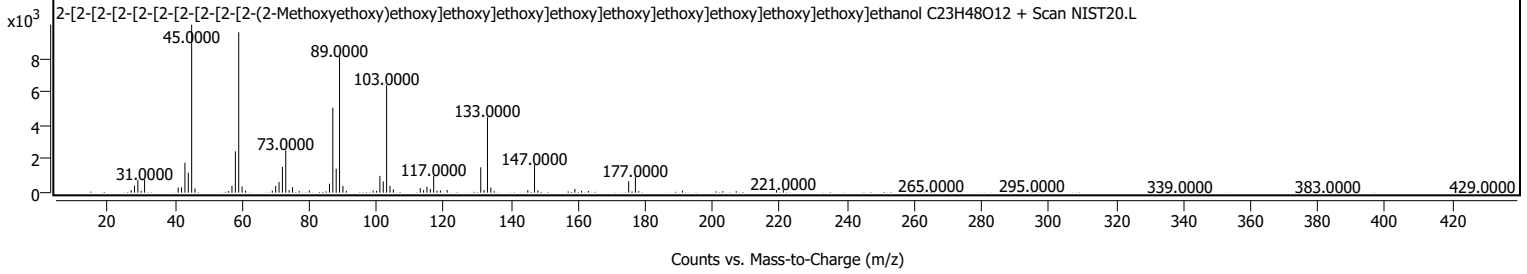
Name	Formula	CAS	Score	Score (Lib)	Lib/DB
2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.97	61.97	NIST20.L

# Analysis Report

## Observed Spectrum

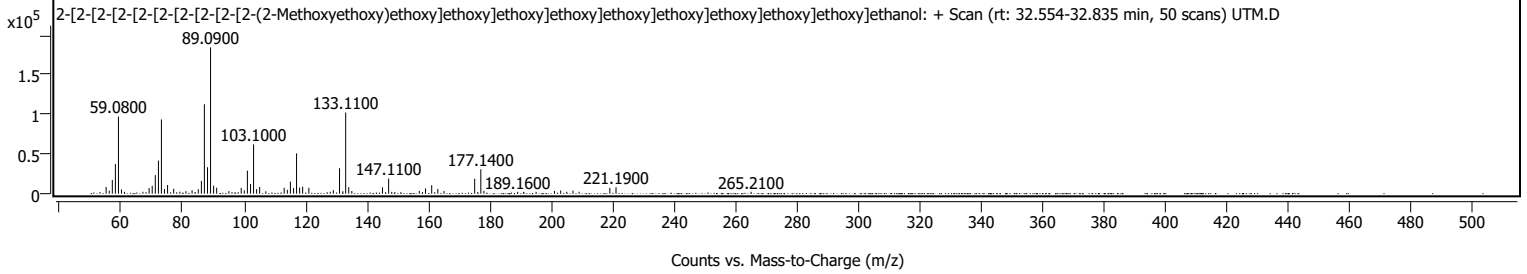


## Library Spectrum



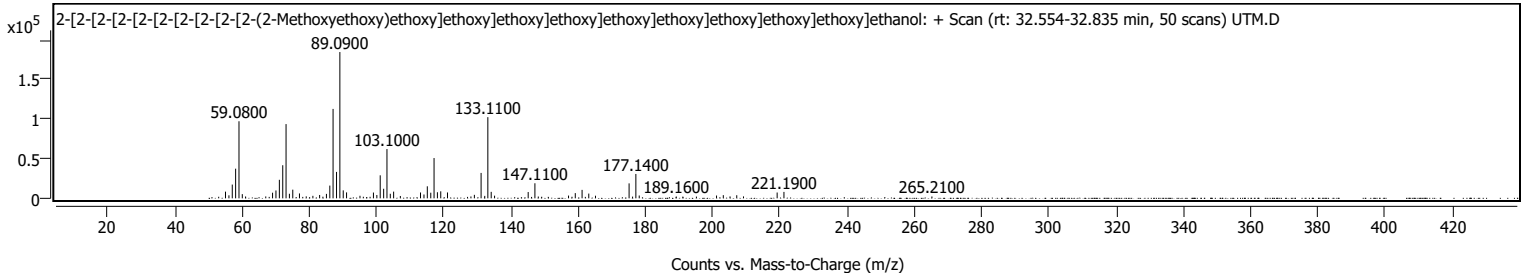
## + Scan (rt: 32.554-32.835 min)

### Peak 73 from + TIC Scan (2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol; C23H48O12)

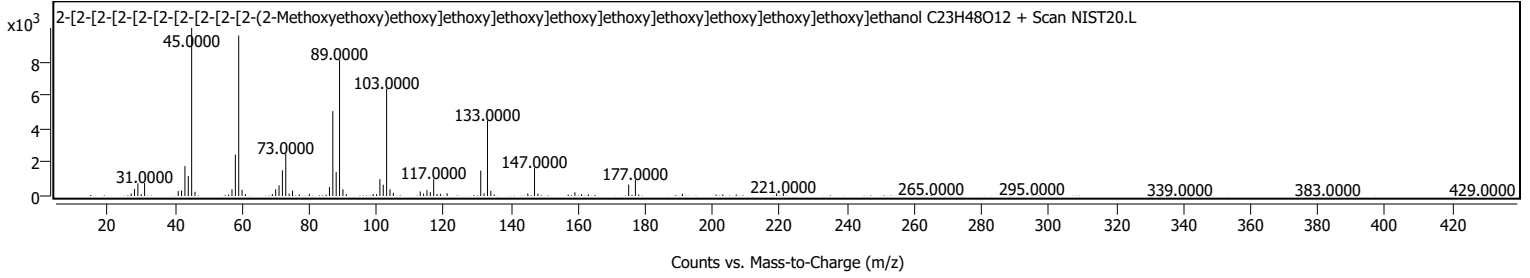


ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.18	62.18	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	61.43	61.43	NIST20.L
LibSearch	1,3,5-Trisilahexane, 5-methyl-	C4H16Si3	18827-17-3	60.58	60.58	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.81	59.81	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl]-(silylmethyl)-	C3H14Si3	5695-49-8	59.75	59.75	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	58.76	58.76	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	58.67	58.67	NIST20.L
LibSearch	Nonaethylene glycol, TMS derivative	C21H46O10Si	1000352-06-5	57.62	57.62	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C20H42O11	5579-66-8	57.58	57.58	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	57.47	57.47	NIST20.L
<b>Name</b>	<b>Formula</b>	<b>CAS</b>	<b>Score</b>	<b>Score (Lib)</b>	<b>Lib/DB</b>	
2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	62.18	62.18	NIST20.L	

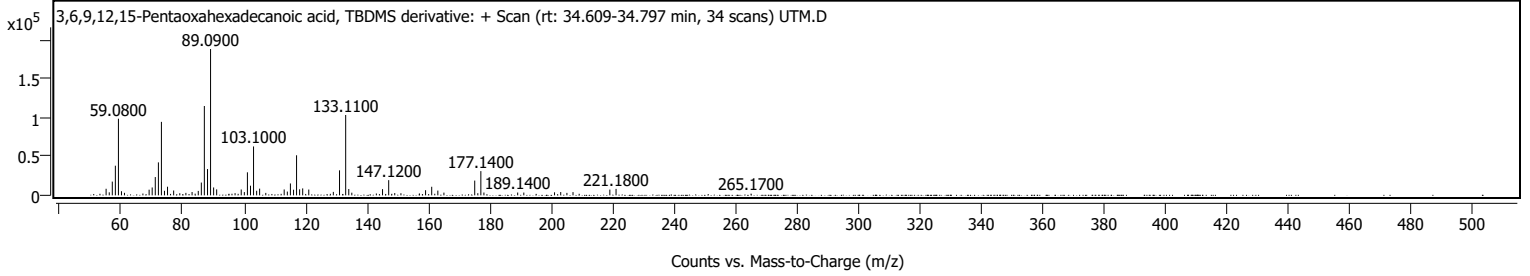
## Observed Spectrum



**Library Spectrum**



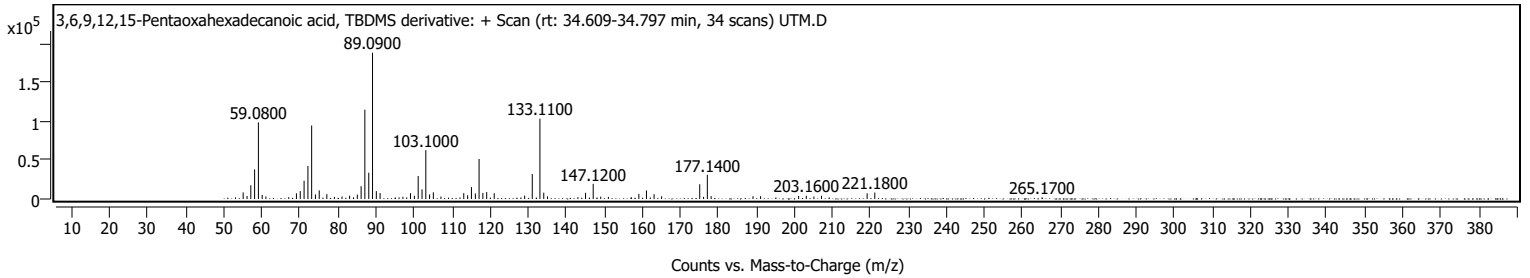
**+ Scan (rt: 34.609-34.797 min) Peak 74 from + TIC Scan (3,6,9,12,15-Pentaoxahexadecanoic acid, TBDMS derivative; C17H36O7Si)**



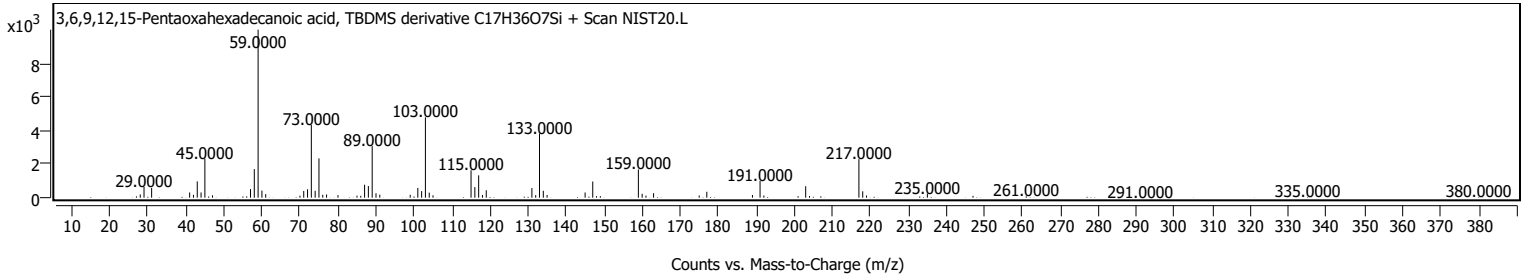
ID Source	Name	Formula	CAS	Score	Score (Lib)	Lib/DB
LibSearch	3,6,9,12,15-Pentaoxahexadecanoic acid, TBDMS derivative	C17H36O7Si	1000366-91-8	65.97	65.97	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C23H48O12	1010352-04-4	61.69	61.69	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C21H44O11	27425-92-9	60.93	60.93	NIST20.L
LibSearch	Silane, [(methylsilyl)methyl](silylmethyl)-	C3H14Si3	5695-49-8	59.95	59.95	NIST20.L
LibSearch	1,3,5-Trisilohexane, 5-methyl-	C4H16Si3	18827-17-3	59.50	59.50	NIST20.L
LibSearch	2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	C19H40O10	6048-68-6	59.27	59.27	NIST20.L
LibSearch	Decaethylene glycol, TMS derivative	C23H50O11Si	1010352-06-6	59.02	59.02	NIST20.L
LibSearch	Undecaethylene glycol, TMS derivative	C25H54O12Si	1000352-06-7	58.93	58.93	NIST20.L
LibSearch	Dodecaethylene glycol monomethyl ether, TMS derivative	C28H60O13Si	1000352-12-3	57.97	57.97	NIST20.L
LibSearch	Undecaethylene glycol monomethyl ether, TMS derivative	C26H56O12Si	1000352-12-2	57.87	57.87	NIST20.L

Name	Formula	CAS	Score	Score (Lib)	Lib/DB
3,6,9,12,15-Pentaoxahexadecanoic acid, TBDMS derivative	C17H36O7Si	1000366-91-8	65.97	65.97	NIST20.L

**Observed Spectrum**



**Library Spectrum**



**MassHunter Qual 10.0**  
(End of Report)