LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.804	370	377	387	rBV	55628	101970	2.10%	0.123%
2	5.122	428	431	438	rVB2	31940	50656	1.04%	0.061%
3	5.557	499	505	514	rBV2	61586	130821	2.69%	0.158%
4	5.640	514	519	523	rBV	125133	187258	3.85%	0.225%
5	5.698	526	529	536	rVB	66121	107649	2.21%	0.130%
6	5.775	536	542	551	rBV4	43059	80504	1.66%	0.097%
7	5.857	551	556	564	rBV2	62331	113840	2.34%	0.137%
8	5.951	564	572	579	rBV4	212002	592648	12.18%	0.714%
9	6.010	579	582	586	rVB2	74239	89781	1.85%	0.108%
10	6.051	586	589	590	rBV	50728	52449	1.08%	0.063%
11	6.075	590	593	599	rVB2	94564	146280	3.01%	0.176%
12	6.163	601	608	615	rBV5	349067	638735	13.13%	0.769%
13	6.234	615	620	624	rBV	372013	565074	11.62%	0.680%
14	6.281	624	628	630	rBV	222815	340595	7.00%	0.410%
15	6.310	630	633	637	rVB2	206087	257658	5.30%	0.310%
16	6.422	648	652	658	rVB3	156211	286883	5.90%	0.345%
17	6.487	658	663	669	rVB3	198791	337919	6.95%	0.407%
18	6.569	669	677	683	rBV3	204563	484895	9.97%	0.584%
19	6.628	683	687	691	rBV2	80169	122676	2.52%	0.148%
20	6.675	691	695	698	rBV3	37304	55219	1.14%	0.066%
21	6.763	705	710	713	rBV3	193657	306091	6.29%	0.369%
22	6.828	713	721	734	rVB2	1037035	2365055	48.62%	2.847%
23	6.951	738	742	743	rBV2	90024	113515	2.33%	0.137%
24	6.998	743	750	755	rBV3	826803	1399023	28.76%	1.684%
25	7.045	755	758	763	rVB2	281183	414197	8.52%	0.499%
26	7.098	763	767	768	rBV3	88874	123902	2.55%	0.149%
27	7.151	771	776	779	rBV	488536	793606	16.32%	0.955%
28	7.192	779	783	787	rBV	655612	909289	18.69%	1.095%
29	7.316	800	804	806	rBV2	145320	221017	4.54%	0.266%
30	7.345	806	809	812	rVV	204337	334109	6.87%	0.402%
31	7.381	812	815	820	rVV2	294198	532756	10.95%	0.641%
32	7.434	820	824	827	rVV	207263	338896	6.97%	0.408%
33	7.475	827	831	841	rVV6	393770	1041007	21.40%	1.253%
34	7.563	841	846	848	rVV3	317204	558690	11.49%	0.673%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Title : SVOA CALIBRATION

35	7.592	848	851	854	rVV3	383638	660503	13.58%	0.795%
36	7.657	858	862	870	rVV	874825	1720368	35.37%	2.071%
37	7.734	870	875	880	rVV2	394008	793677	16.32%	0.956%
38	7.781	880	883	886	rVV4	192915	348447	7.16%	0.420%
39	7.851	890	895	899	rVV2	676859	1224448	25.17%	1.474%
40	7.892	899	902	903	rVV2	222853	288075	5.92%	0.347%
41	7.945	904	911	918	rVV3	729463	1875242	38.55%	2.258%
42	8.010	918	922	929	rVV4	272529	615124	12.65%	0.741%
43	8.098	933	937	943	rVV3	242630	461536	9.49%	0.556%
44	8.169	945	949	953	rVV4	177732	399086	8.21%	0.480%
45	8.210	953	956	963	rVB	265376	419644	8.63%	0.505%
46	8.363	973	982	993	rBV2	1085792	2155397	44.31%	2.595%
47	8.451	994	997	998	rBV3	55917	61370	1.26%	0.074%
48	8.486	998	1003	1006	rBV2	330333	482284	9.92%	0.581%
49	8.645	1025	1030	1037	rVB4	93027	206033	4.24%	0.248%
50	8.763	1039	1050	1054	rVV4	402052	1128629	23.20%	1.359%
51	8.810	1054	1058	1063	rVV	778900	1374238	28.25%	1.655%
52	8.851	1063	1065	1070	rVV4	262442	409108	8.41%	0.493%
53	8.922	1074	1077	1081	rVB3	169132	233610	4.80%	0.281%
54	8.975	1081	1086	1089	rBV2	282341	540412	11.11%	0.651%
55	9.010	1089	1092	1098	rVB4	297996	545929	11.22%	0.657%
56	9.092	1101	1106	1107	rBV4	58525	83266	1.71%	0.100%
57	9.122	1108	1111	1115	rVB3	82576	125282	2.58%	0.151%
58	9.322	1141	1145	1148	rVV	93797	152777	3.14%	0.184%
59	9.363	1148	1152	1158	rVV4	225237	413982	8.51%	0.498%
60	9.422	1159	1162	1167	rVB2	55666	83808	1.72%	0.101%
61	9.528	1174	1180	1185	rBV2	725330	1276647	26.25%	1.537%
62	9.575	1185	1188	1192	rVV	171720	239875	4.93%	0.289%
63	9.628	1192	1197	1211	rVB5	286528	630132	12.96%	0.759%
64	9.863	1231	1237	1240	rBV7	26089	59289	1.22%	0.071%
65	9.898	1240	1243	1248	rVB6	39073	69092	1.42%	0.083%
66	10.063	1262	1271	1280	rBV	986086	1786711	36.73%	2.151%
67	10.316	1309	1314	1318	rBV4	43334	94841	1.95%	0.114%
68	10.439	1326	1335	1345	rVB	1156198	2093525	43.04%	2.521%
69	10.580	1352	1359	1370	rVB	937629	1716948	35.30%	2.067%
70	11.475	1506	1511	1516	rBV2	45772	76471	1.57%	0.092%
71	13.721	1886	1893	1897	rBV	1699074	2476799	50.92%	2.982%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Title : SVOA CALIBRATION

72	13.768	1897	1901	1912	rVB	478626	759124	15.61%	0.914%
73	13.998	1931	1940	1952	rBV	1984732	3007717	61.84%	3.621%
74	14.310	1985	1993	2002	rVB2	1617528	2620782	53.88%	3.155%
75	14.504	2018	2026	2043	rBV	879393	1364508	28.05%	1.643%
76	15.304	2155	2162	2173	rBV	2562146	3916044	80.51%	4.715%
77	15.421	2176	2182	2190	rBV	715309	1032611	21.23%	1.243%
78	15.539	2196	2202	2208	rBV	508670	761488	15.66%	0.917%
79	15.898	2255	2263	2274	rBV	612833	936271	19.25%	1.127%
80	16.039	2281	2287	2288	rBV	58936	71379	1.47%	0.086%
81	16.062	2289	2291	2301	rVB2	61997	87884	1.81%	0.106%
82	16.833	2417	2422	2426	rBV2	43026	67801	1.39%	0.082%
83	16.880	2426	2430	2438	rVB2	38870	70661	1.45%	0.085%
84	17.056	2453	2460	2469	rBV	2153332	3231696	66.44%	3.891%
85	17.151	2470	2476	2487	rVB2	2775312	4095640	84.21%	4.931%
86	17.851	2585	2595	2600	rBV	74966	145451	2.99%	0.175%
87	17.956	2609	2613	2621	rBV	95725	136938	2.82%	0.165%
88	18.615	2721	2725	2731	rBV	157899	230814	4.75%	0.278%
89	19.086	2802	2805	2809	rVB	42017	51404	1.06%	0.062%
90	19.245	2828	2832	2834	rBV3	43604	54842	1.13%	0.066%
91	19.450	2861	2867	2875	rBV2	3459413	4863880	100.00%	5.856%
92	20.968	3122	3125	3131	rVB	153703	199173	4.09%	0.240%
93	21.174	3157	3160	3166	rVB	185707	208859	4.29%	0.251%
94	21.244	3167	3172	3183	rVV	3110682	3963790	81.49%	4.772%
95	22.427	3369	3373	3379	rVB	282631	378684	7.79%	0.456%
96	22.803	3434	3437	3441	rVB	124539	152273	3.13%	0.183%
97	23.321	3518	3525	3541	rBV2	2394278	4829215	99.29%	5.814%
98	23.462	3542	3549	3559	rVB2	2005547	3802556	78.18%	4.578%
99	24.003	3636	3641	3646	rVB	152475	272885	5.61%	0.329%
100	24.732	3761	3765	3771	rBV3	127125	227052	4.67%	0.273%

Sum of corrected areas: 83058690

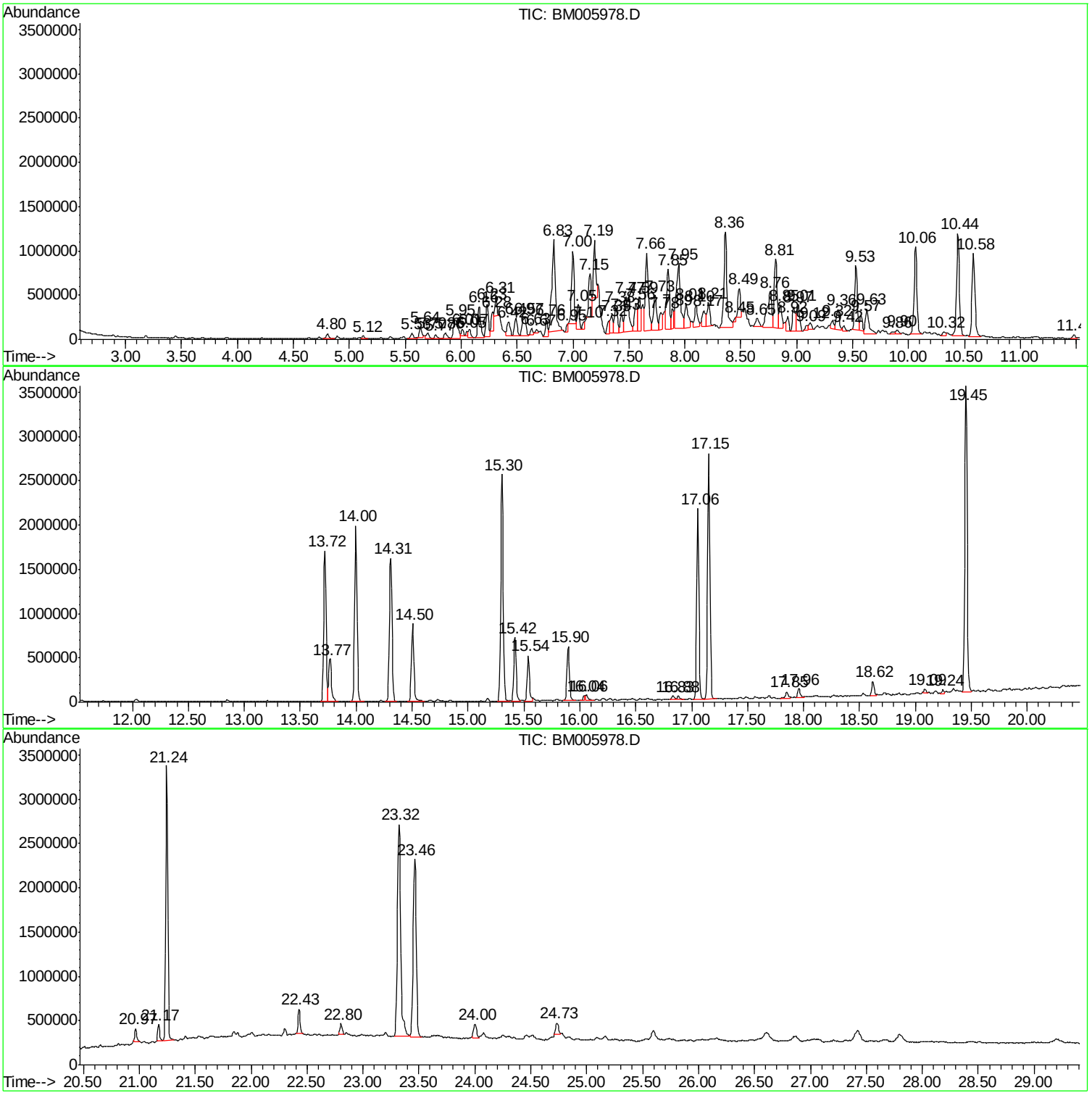
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

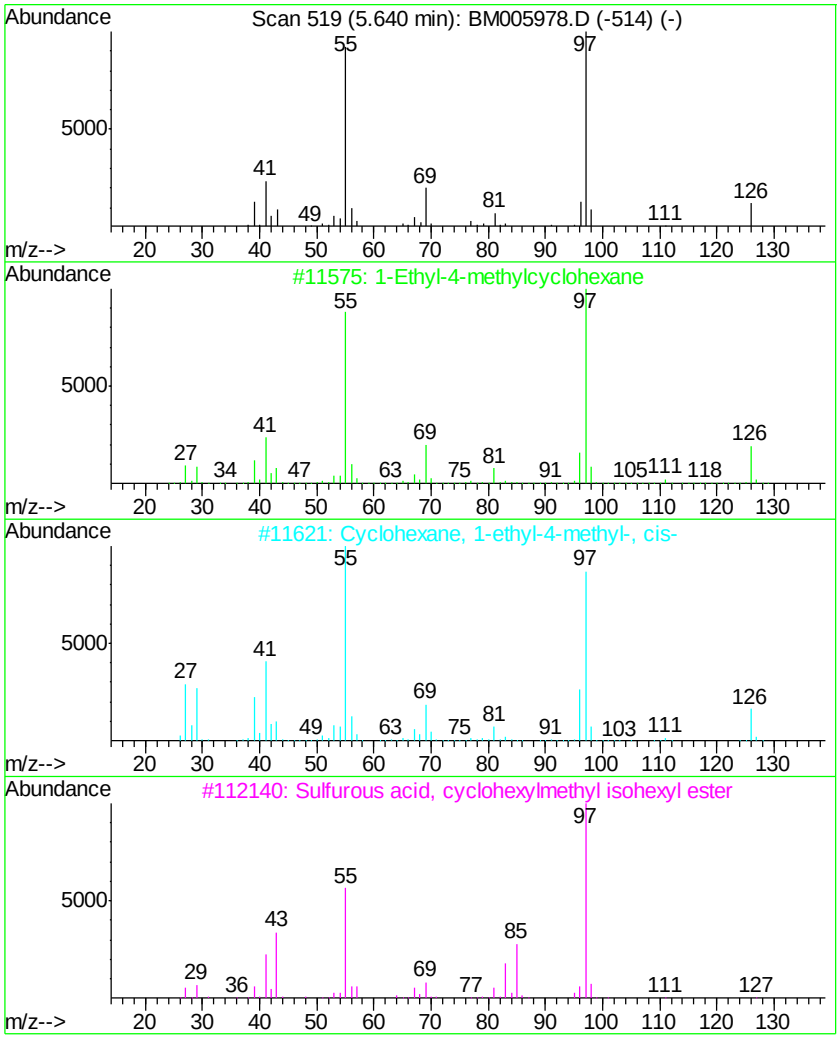
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

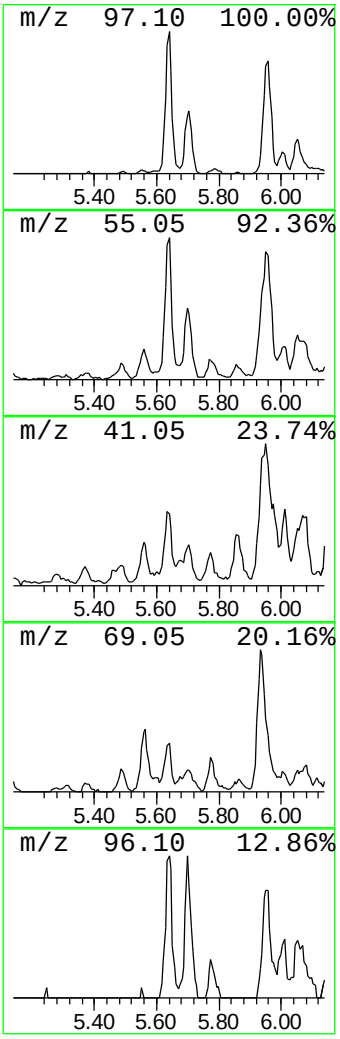
****

Peak Number 1 (DEL) Alkane: Cyclic5.64 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	2.18 ng/ul	187258	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	72
4	4-Octen-3-one	126	C8H14O	014129-48-7	72
5	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

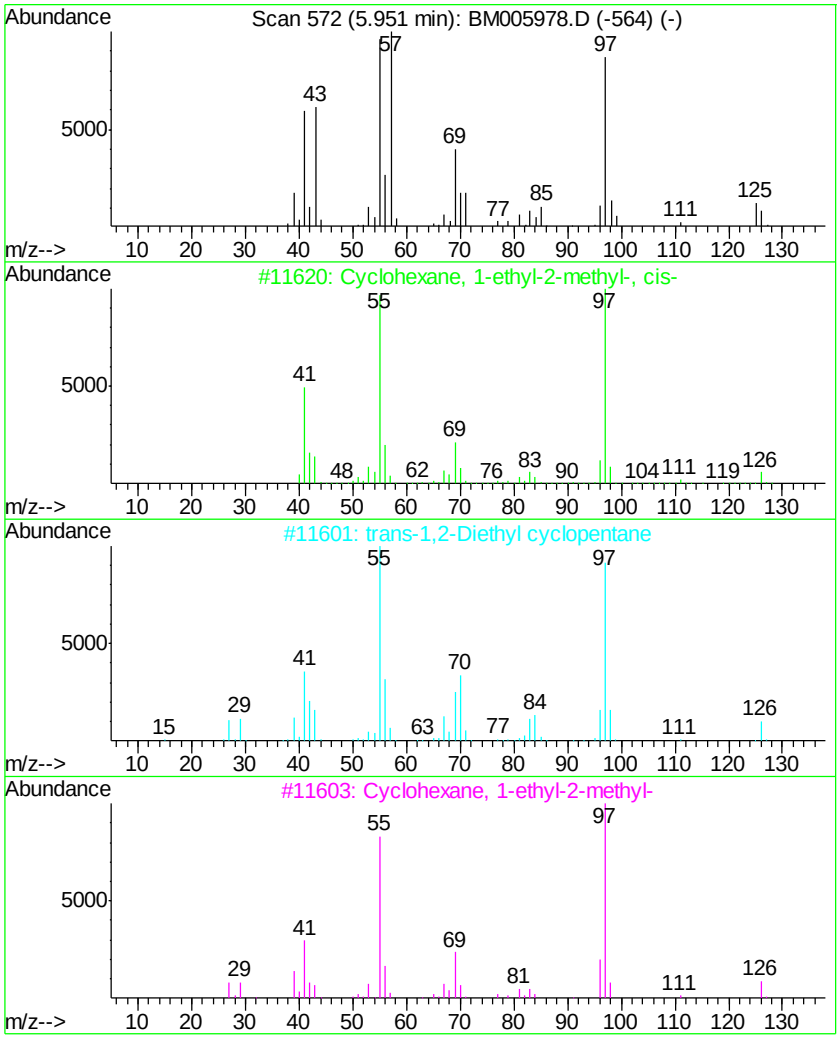
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

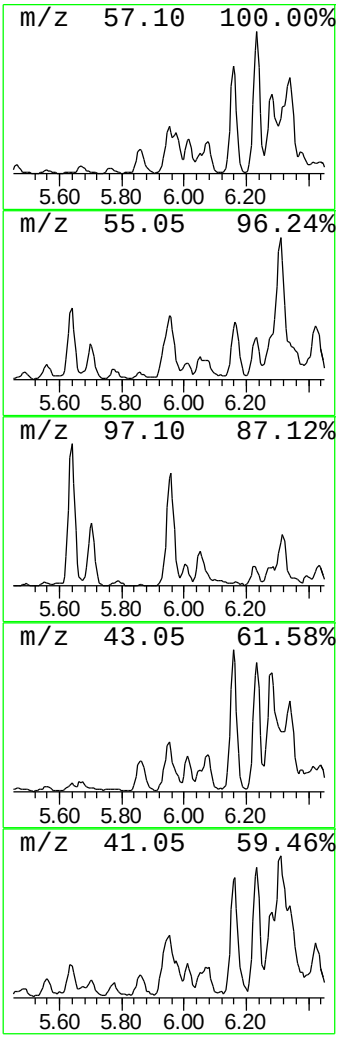
****

Peak Number 2 (DEL) Alkane: Cyclic5.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.89 ng/ul	592648	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	62
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	59
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	52
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

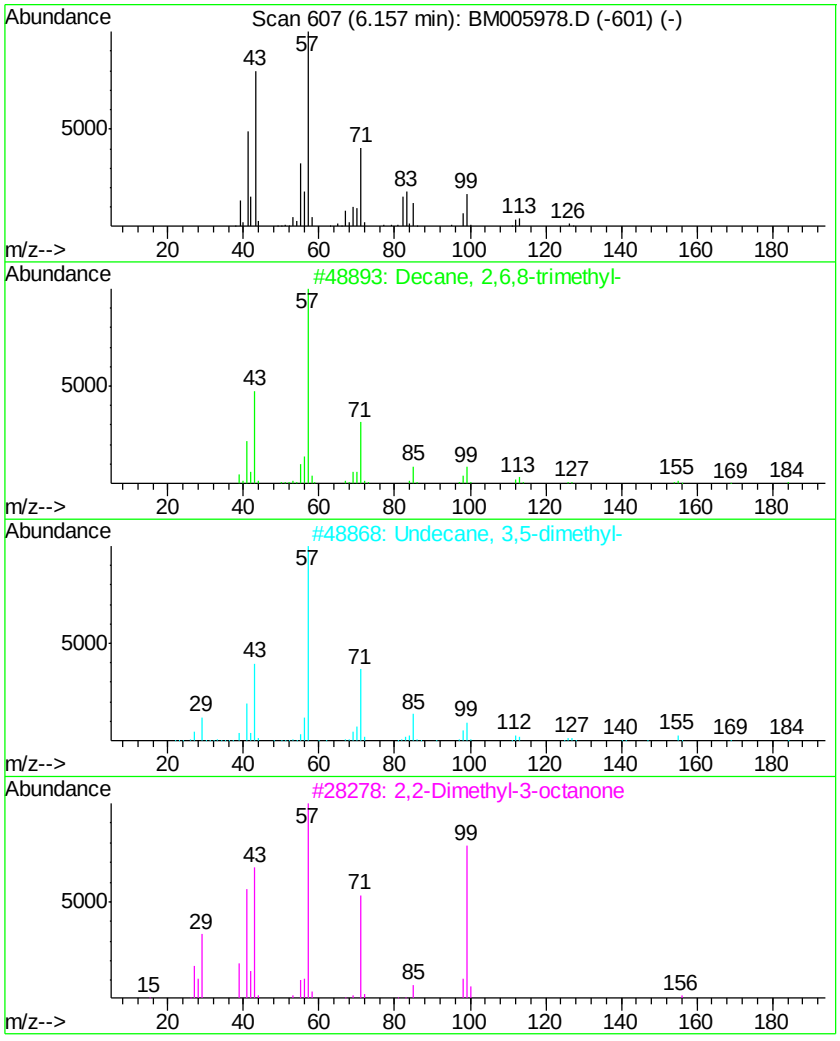
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

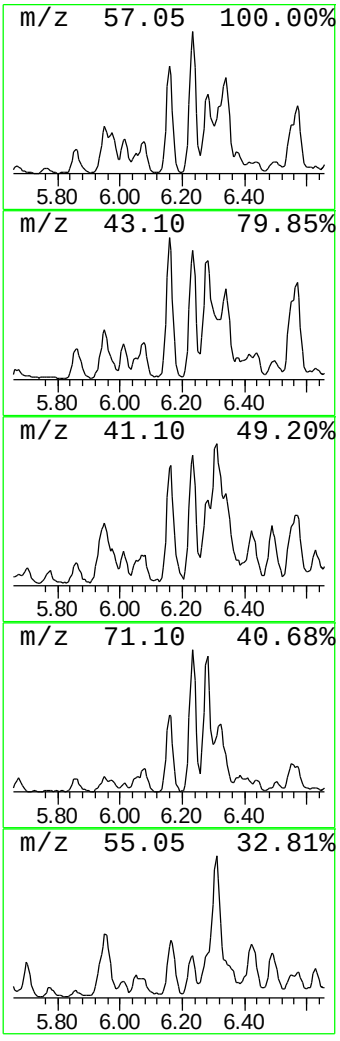
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	7.43 ng/ul	638735	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

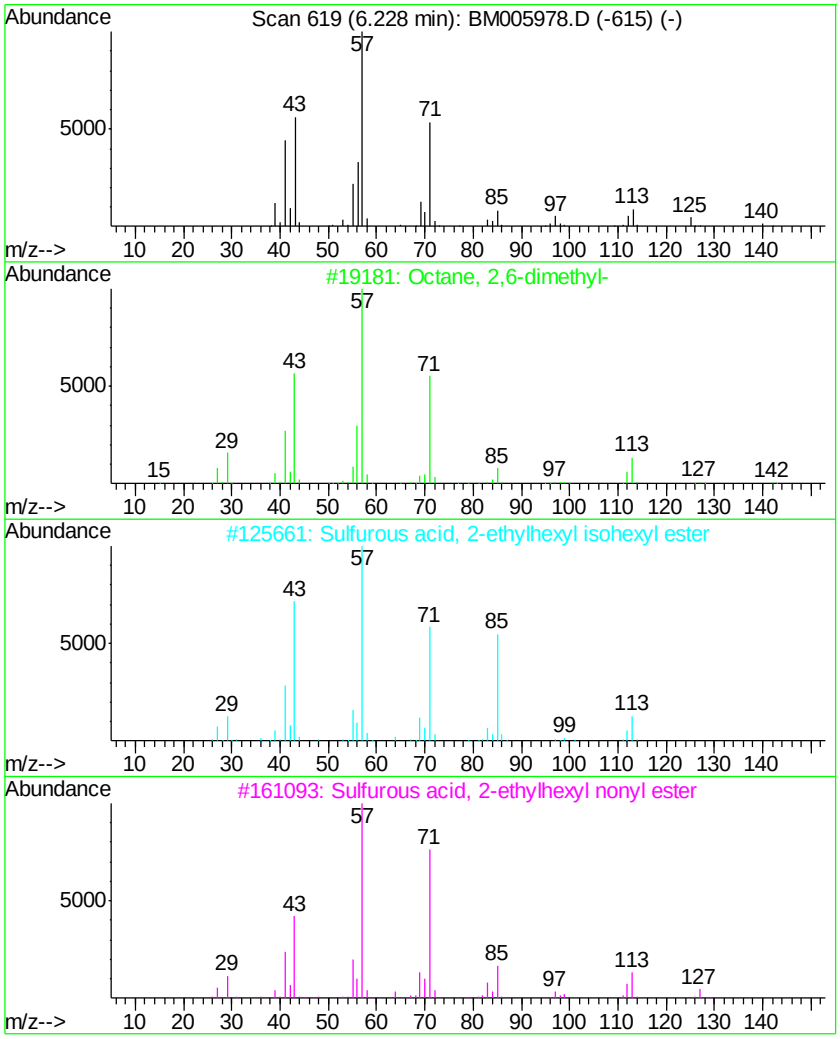
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

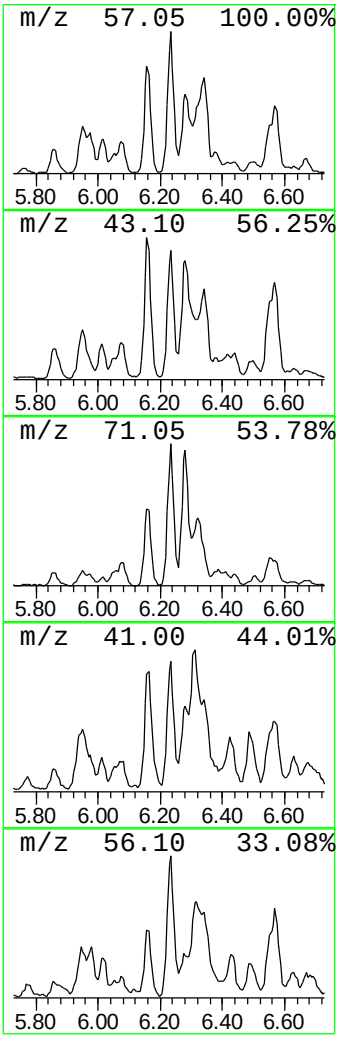
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	6.57 ng/ul	565074	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

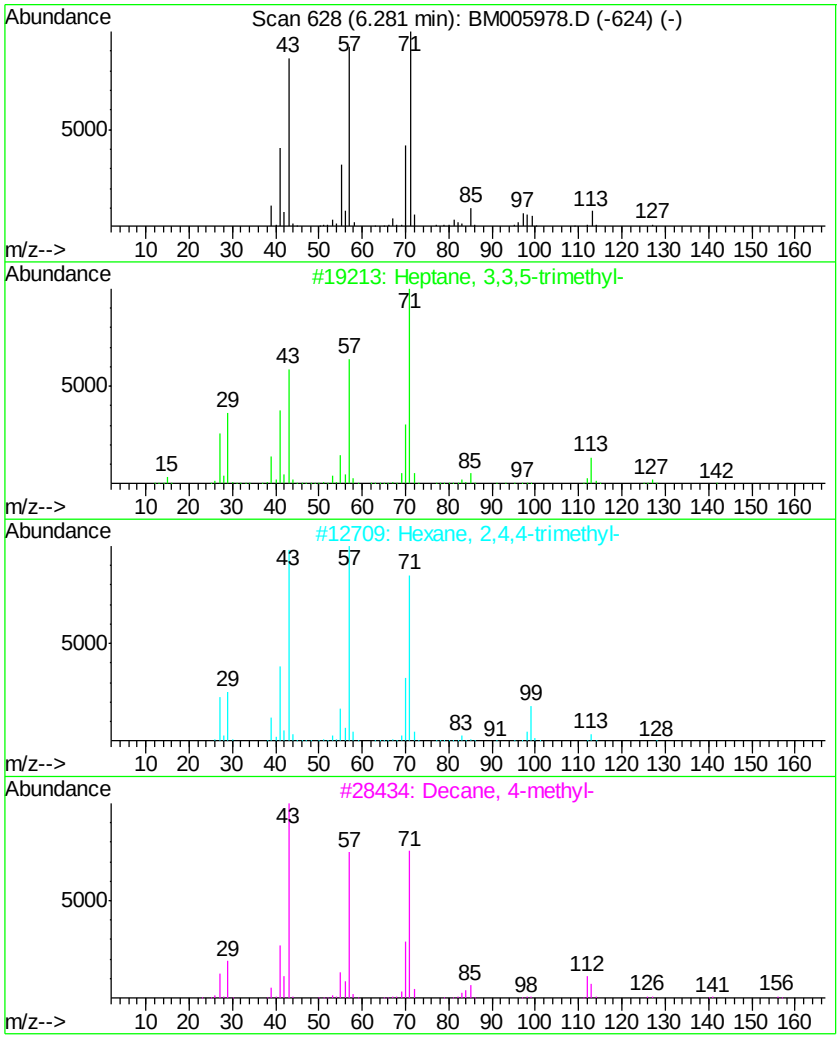
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

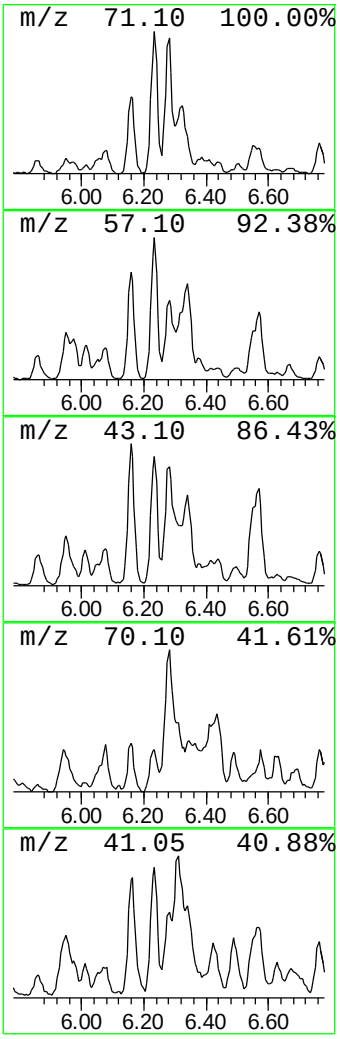
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	3.96 ng/ul	340595	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64





Library Search Compound Report

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Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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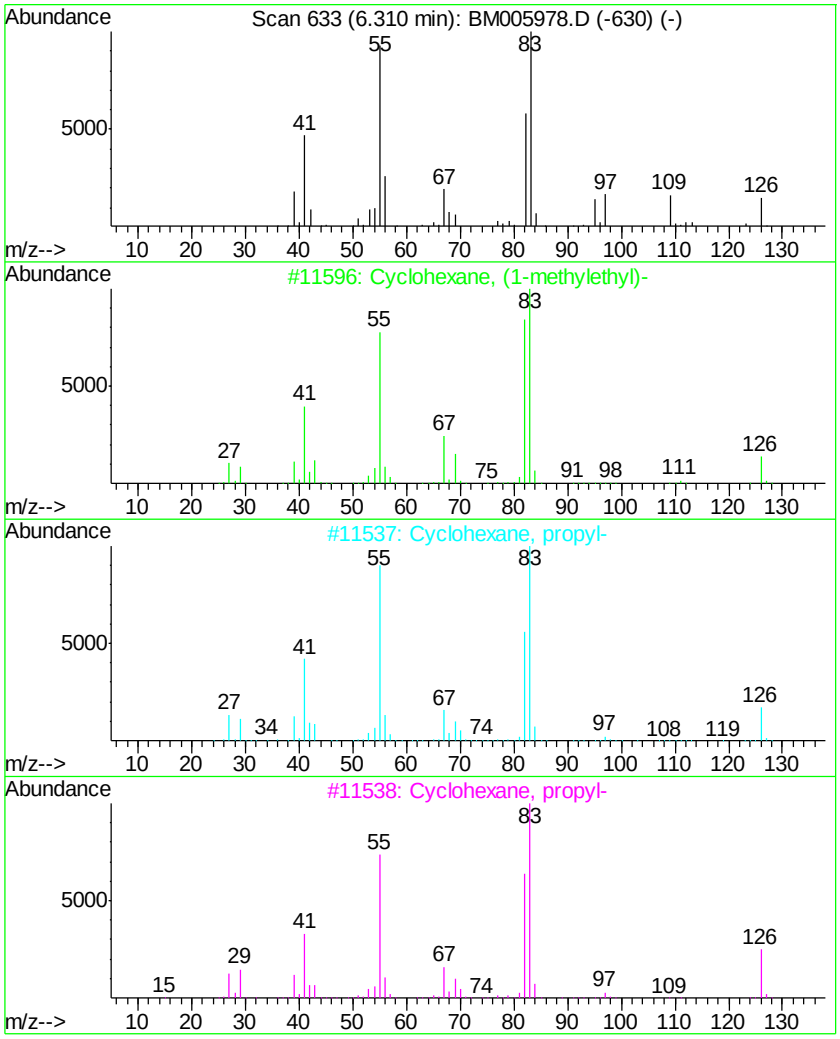
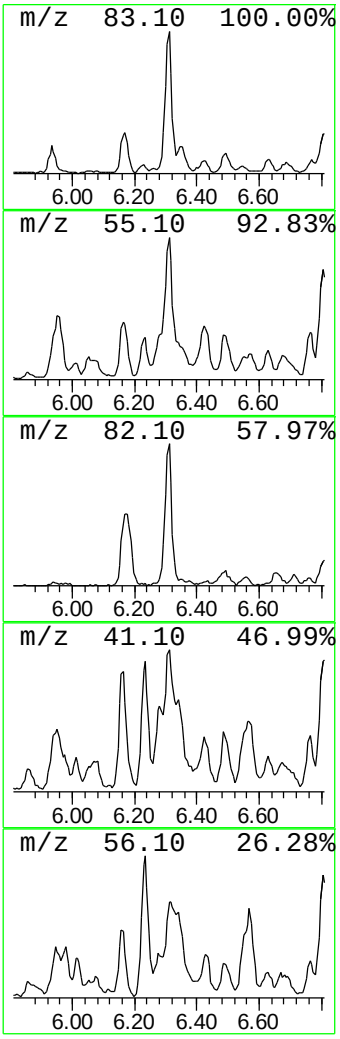
Peak Number 6 (DEL) Alkane: Cyclic6.31 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	3.00 ng/ul	257658	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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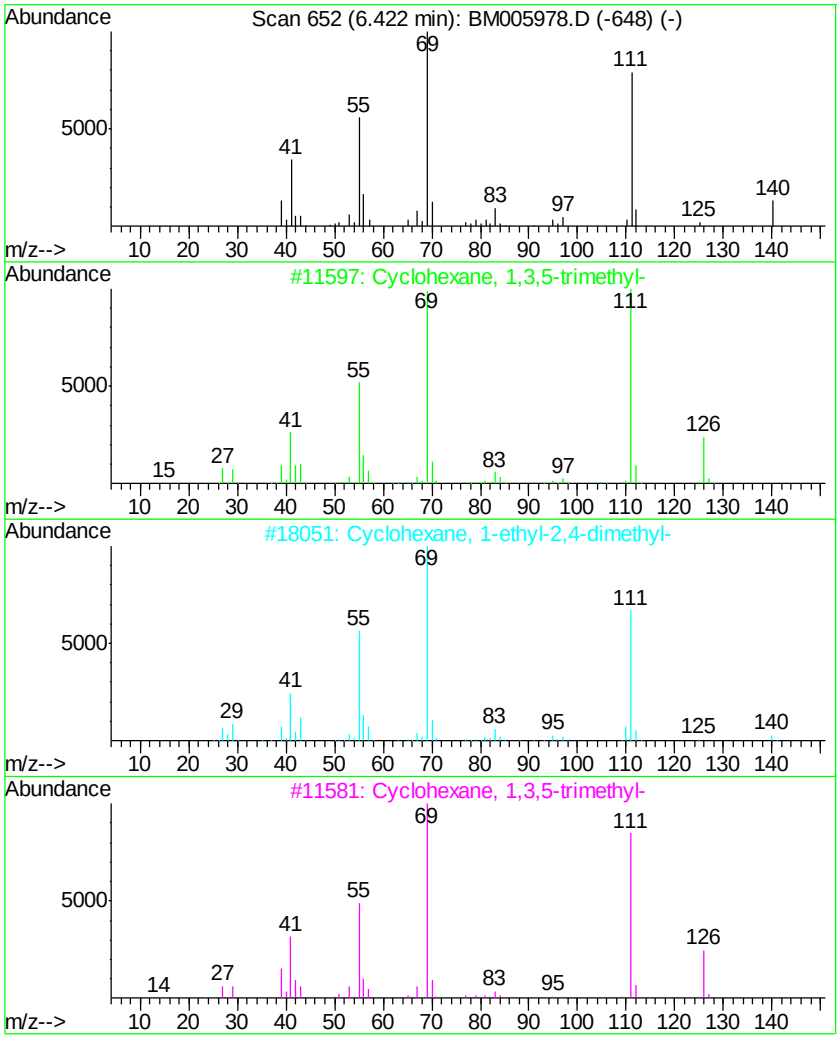
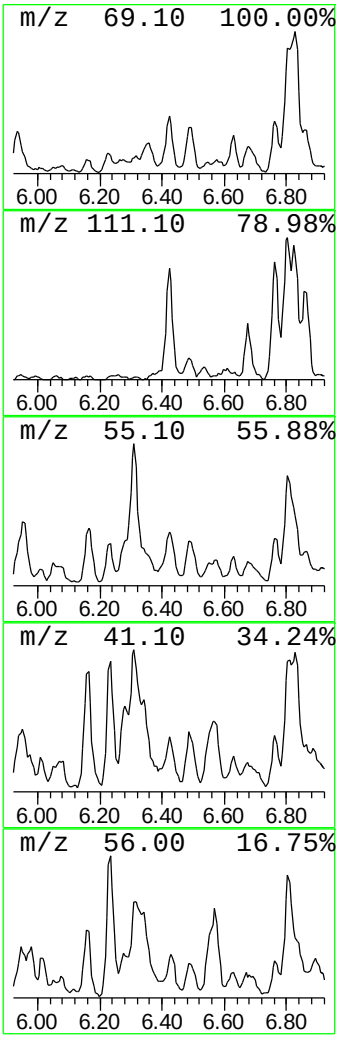
Peak Number 7 (DEL) Alkane: Cyclic6.42 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	3.34 ng/ul	286883	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	78





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ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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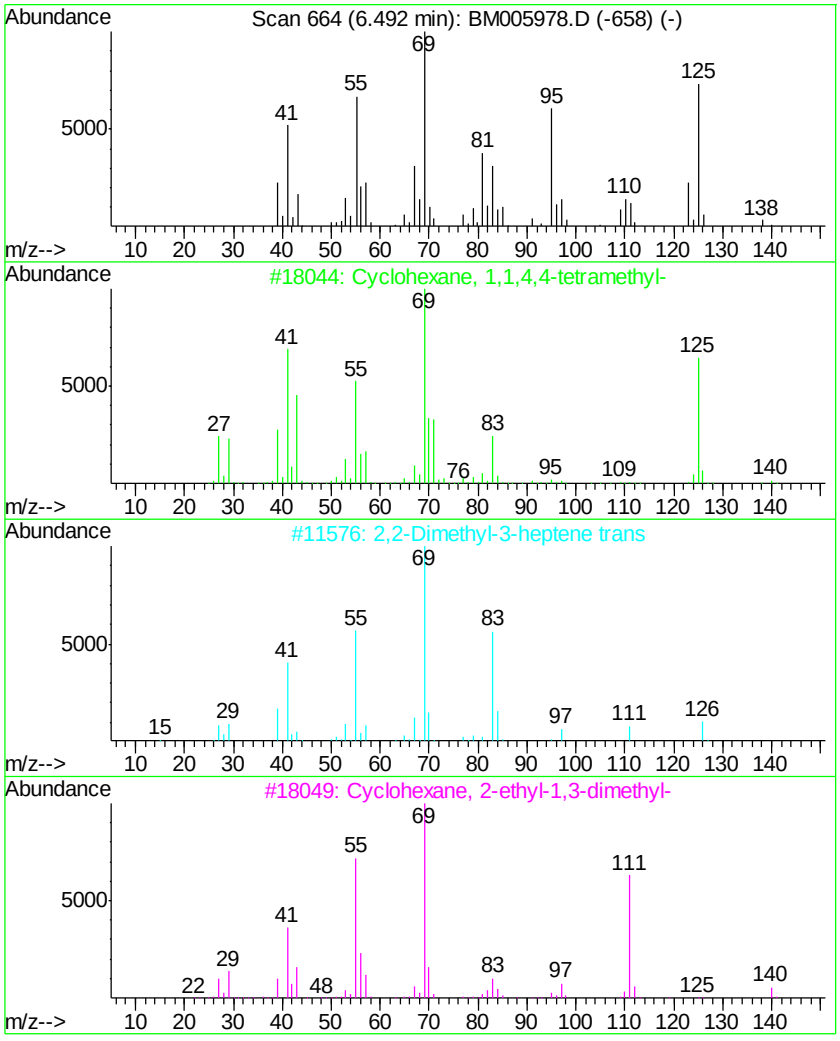
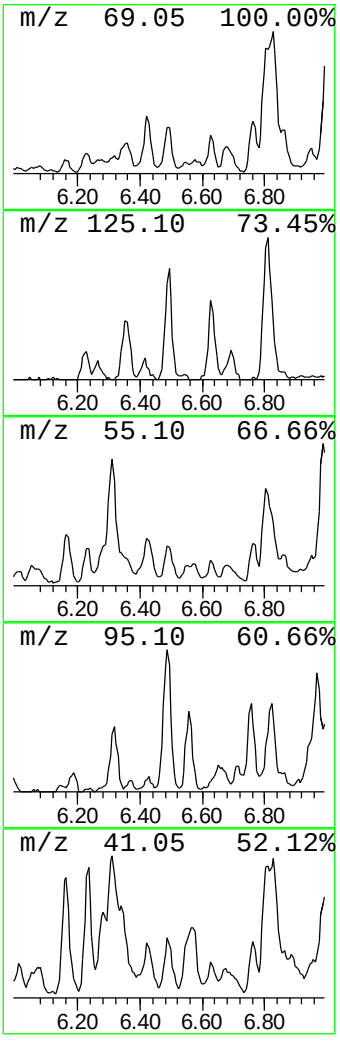
Peak Number 8 (DEL) Alkane: Cyclic6.49 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	3.93 ng/ul	337919	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	55
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	22
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	22
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	22





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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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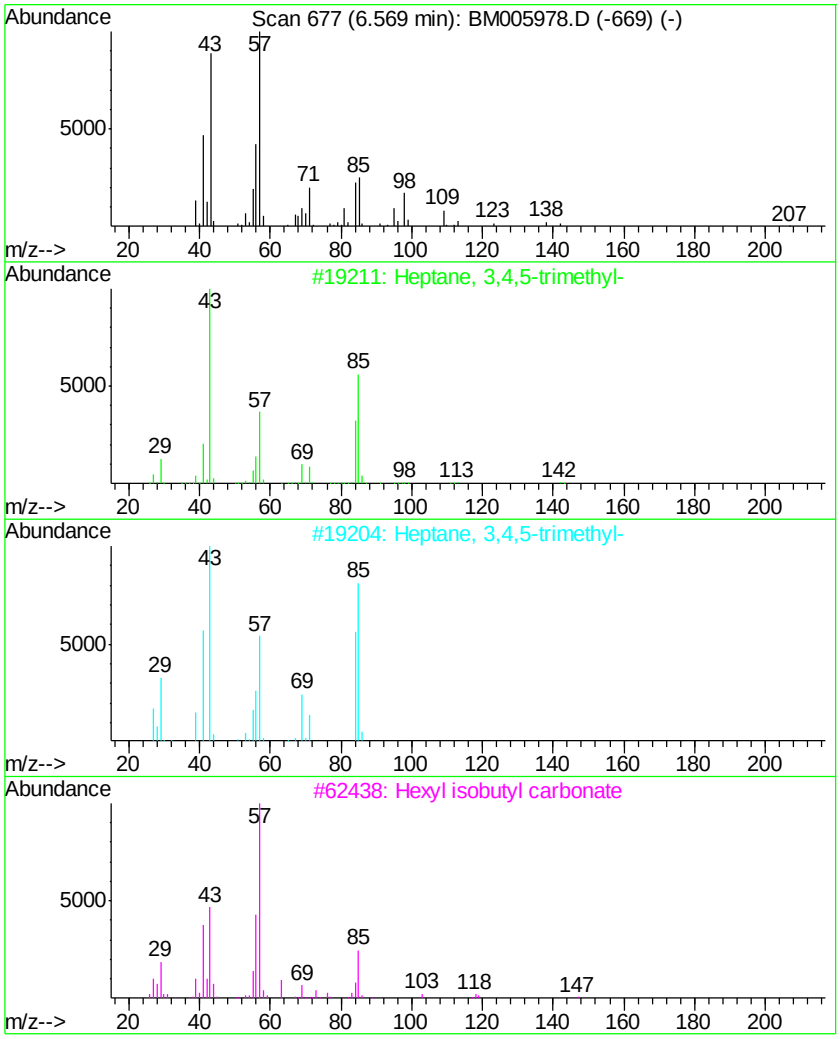
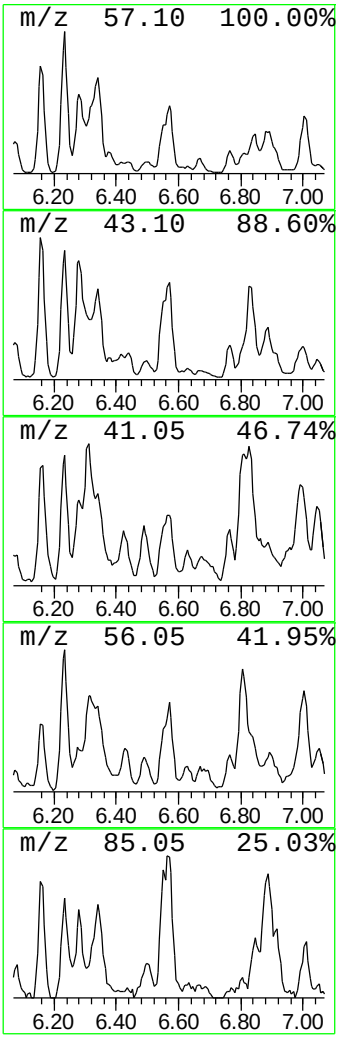
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	5.64 ng/ul	484895	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
3	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	38
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38
5	Decane, 5-methyl-	156	C11H24	013151-35-4	38





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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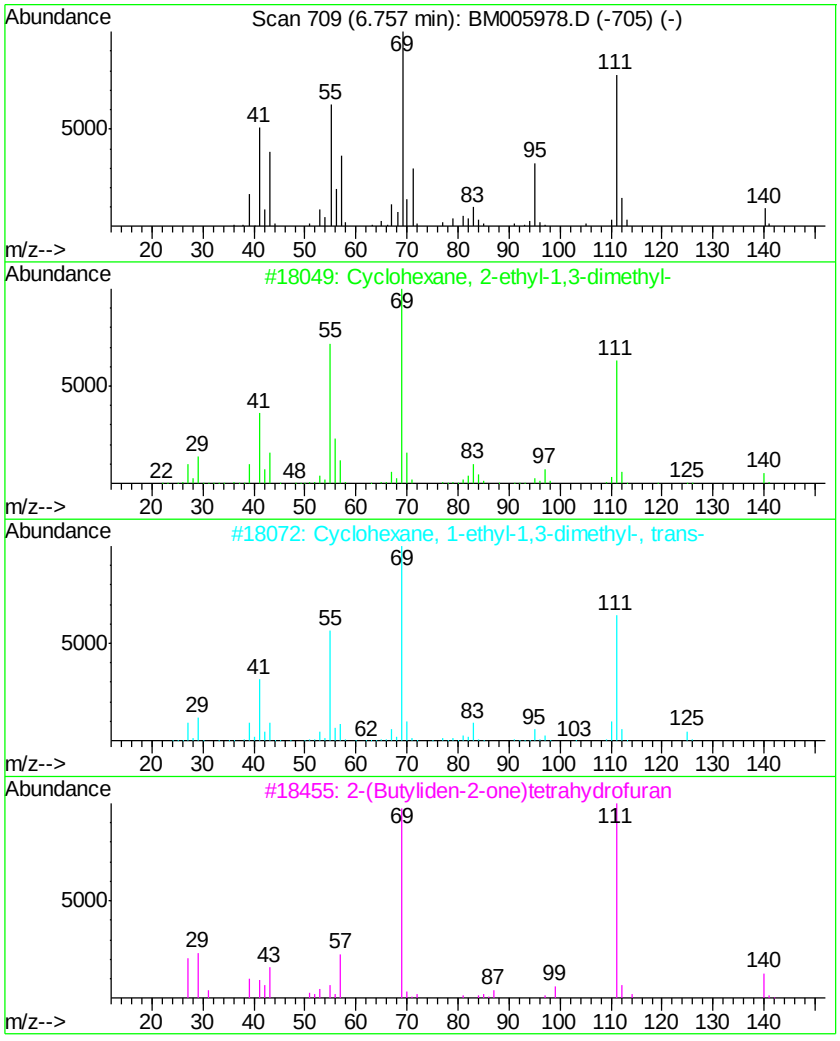
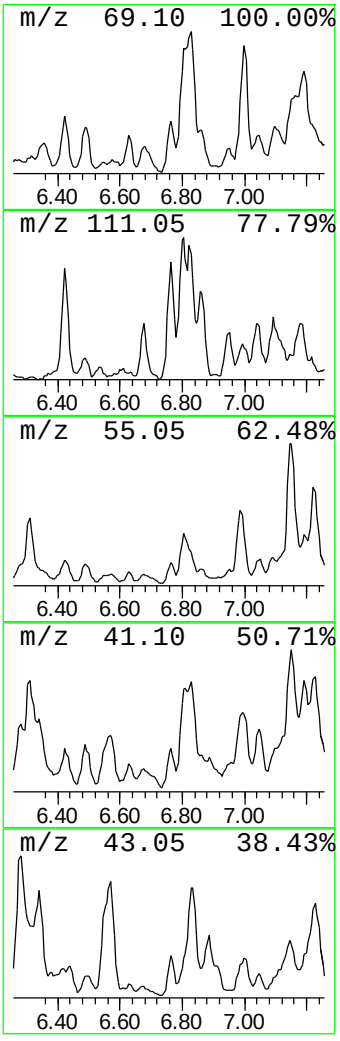
Peak Number 10 (DEL) Alkane: Cyclic6.76 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	3.56 ng/ul	306091	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	81
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	53
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	52
4	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	41
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	35





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Sample : H3639-04
Misc :
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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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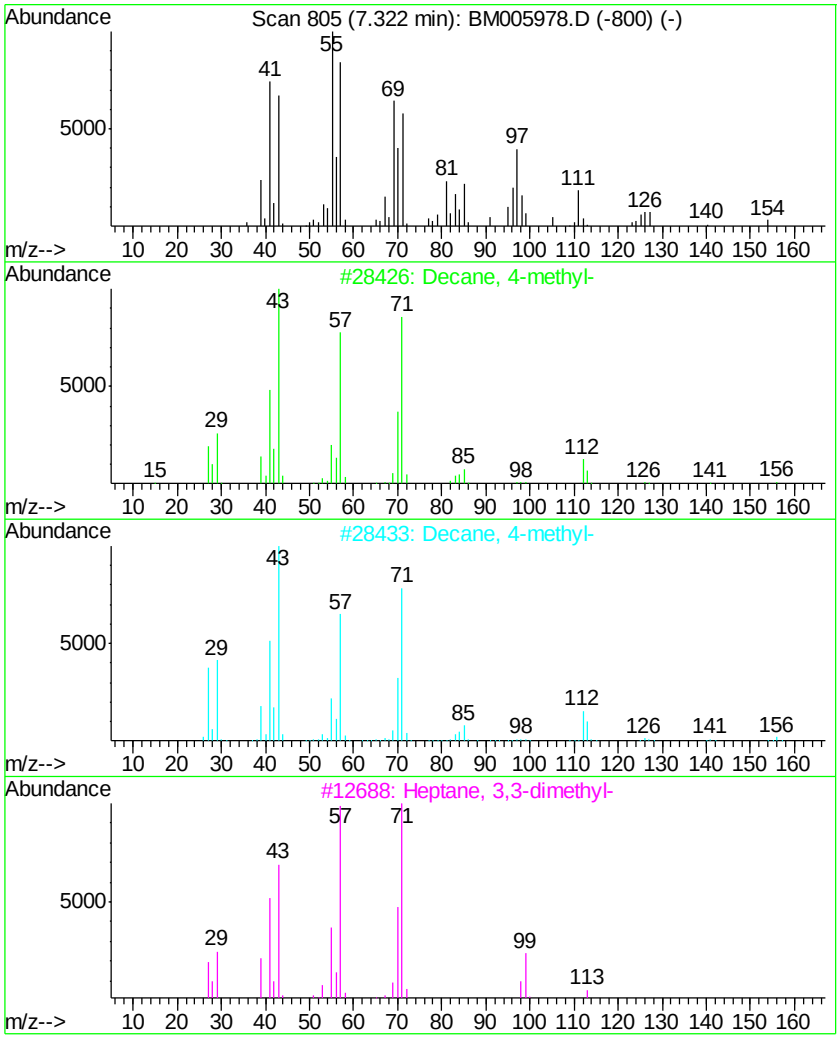
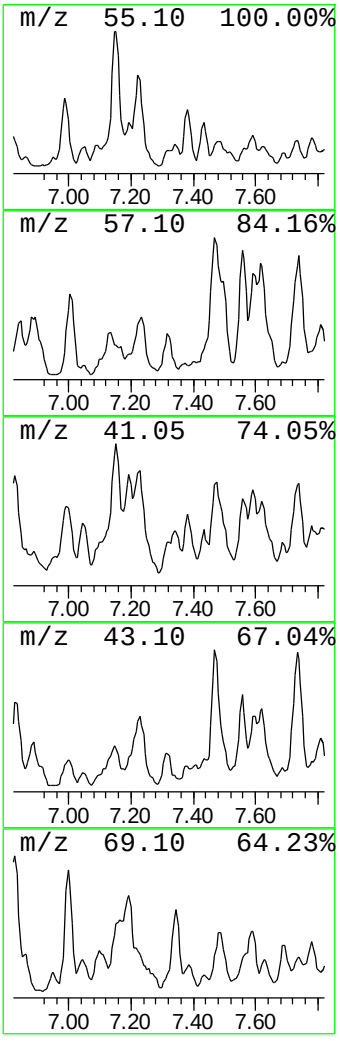
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.57 ng/ul	221017	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	43
2	Decane, 4-methyl-	156	C11H24	002847-72-5	43
3	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38





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Sample : H3639-04
Misc :
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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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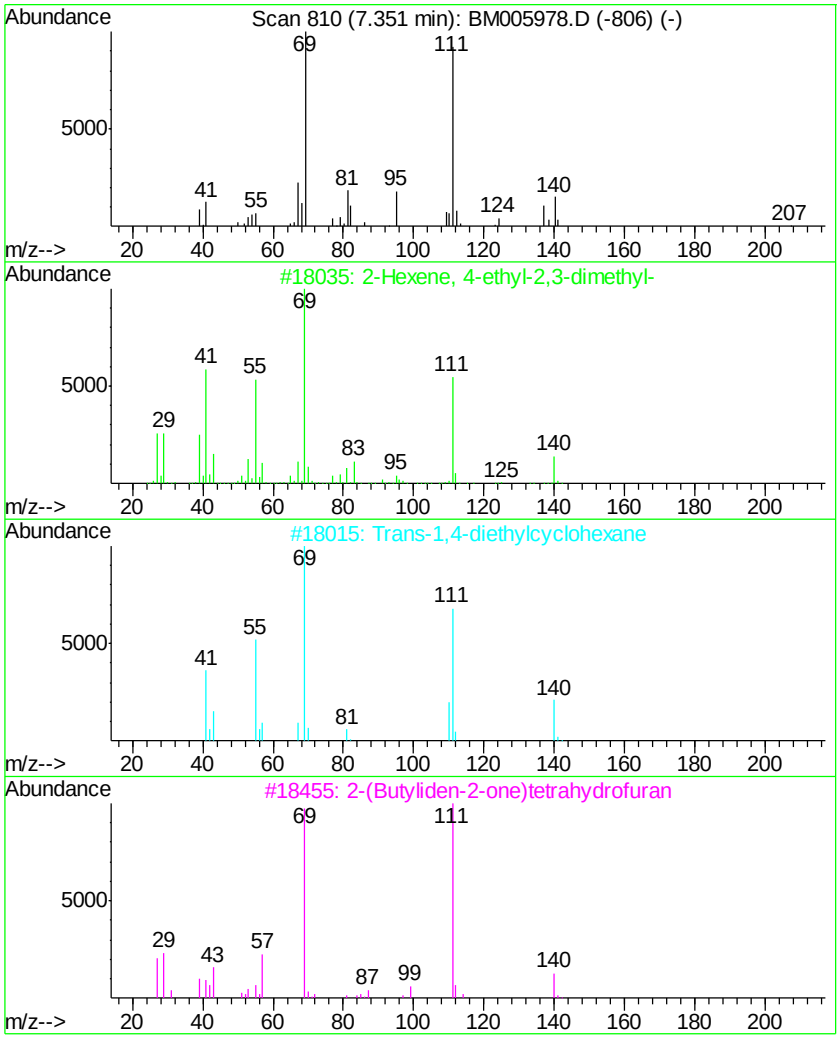
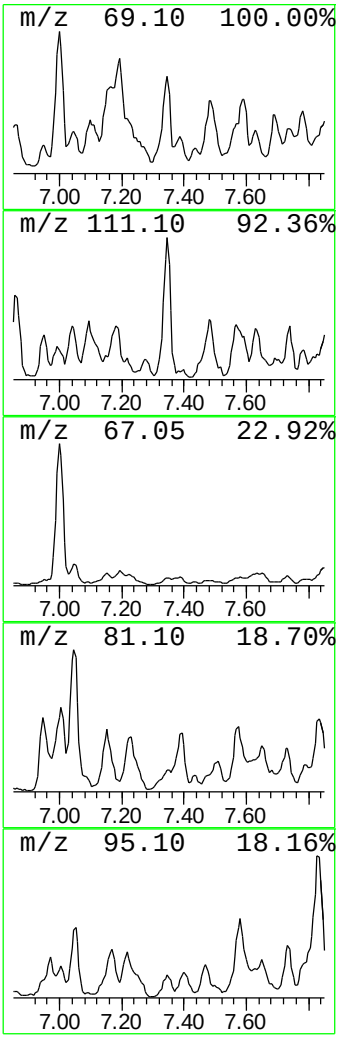
Peak Number 12 (DEL) Alkane: Cyclic7.35 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	3.88 ng/ul	334109	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
2	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	72
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	64
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	64
5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	56





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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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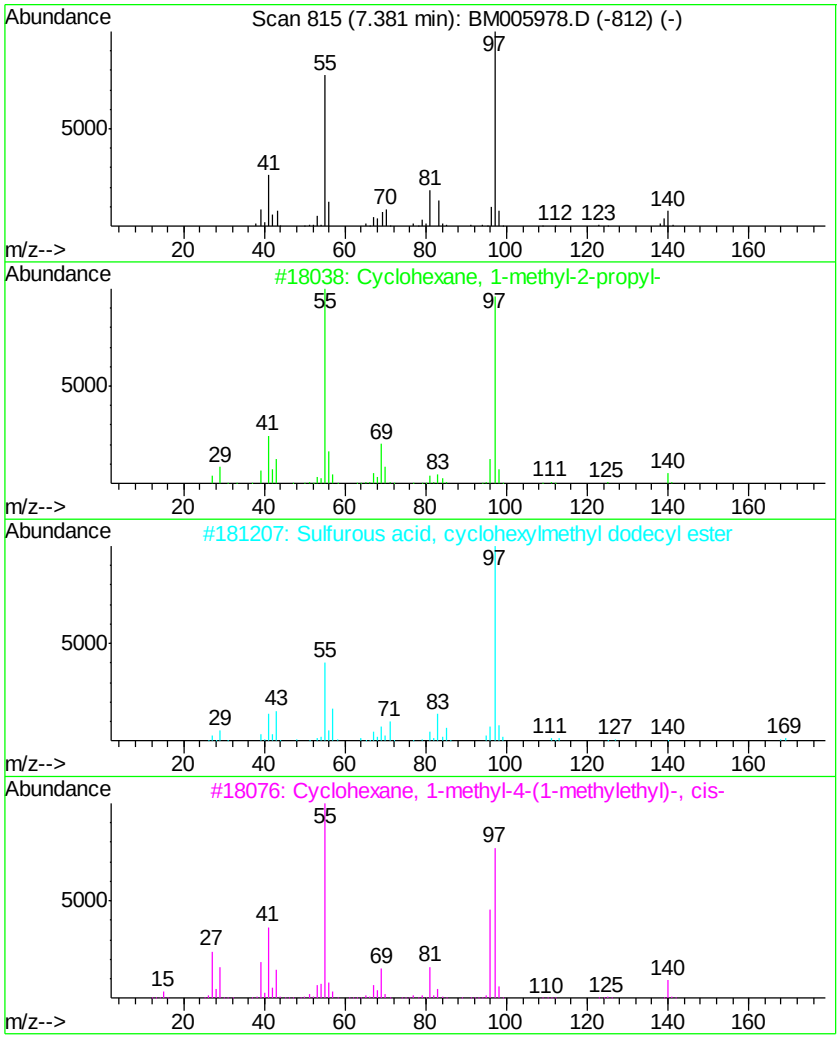
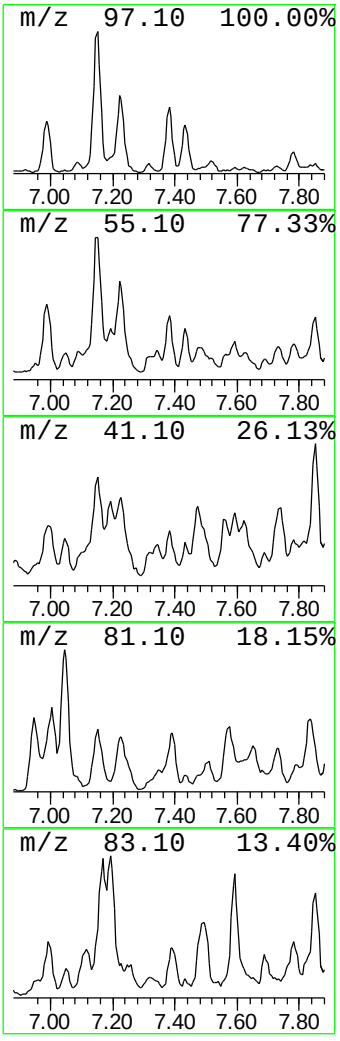
Peak Number 13 (DEL) Alkane: Cyclic7.38 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	6.19 ng/ul	532756	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
4	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	72
5	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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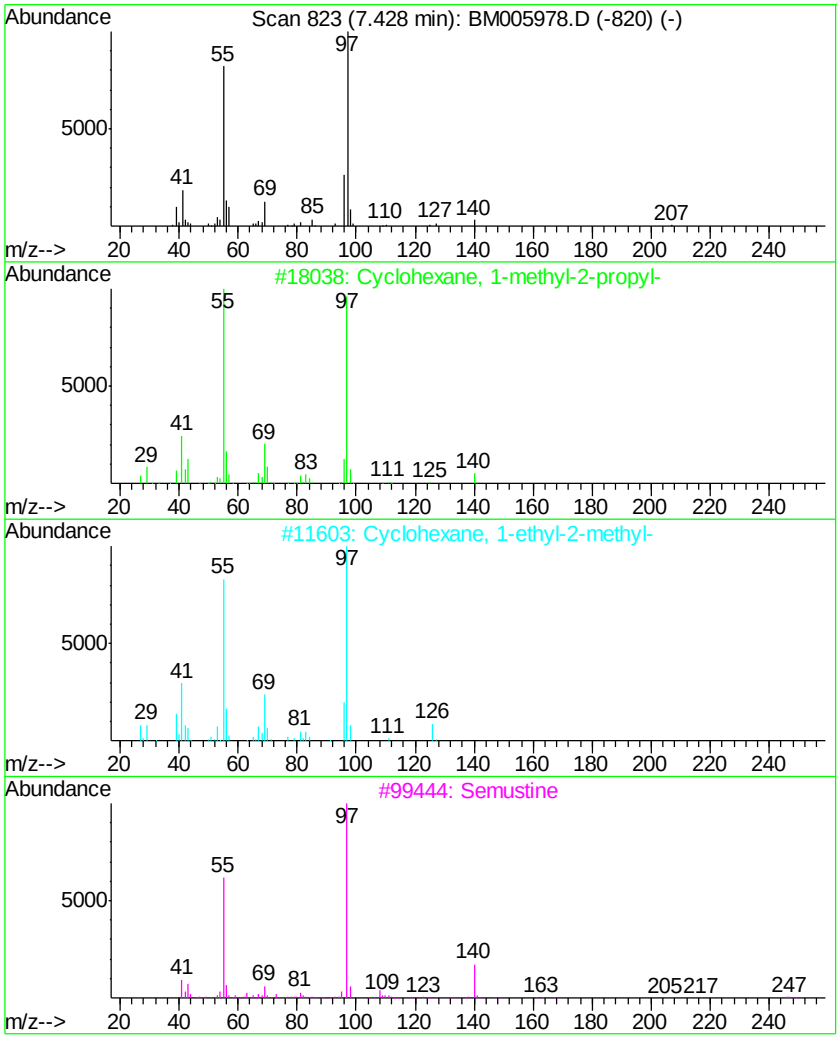
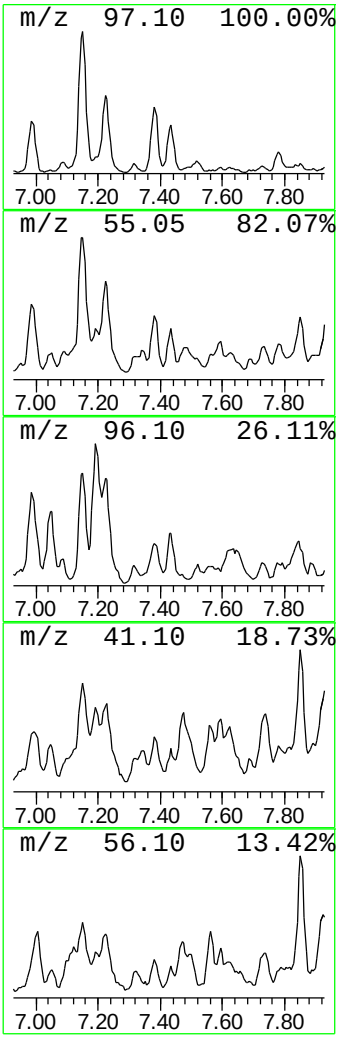
Peak Number 14 (DEL) Alkane: Cyclic7.43 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.94 ng/ul	338896	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
3	Semustine	247	C10H18ClN3O2	013909-09-6	59
4	1,2-Octanediol	146	C8H18O2	001117-86-8	59
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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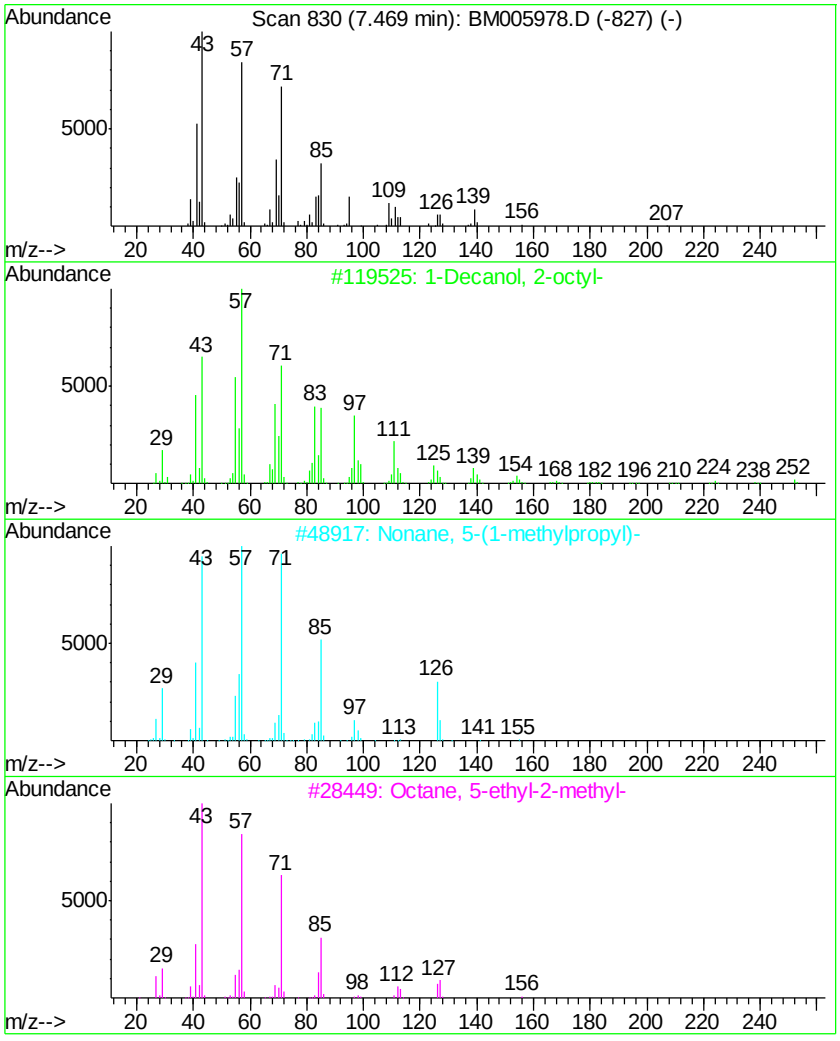
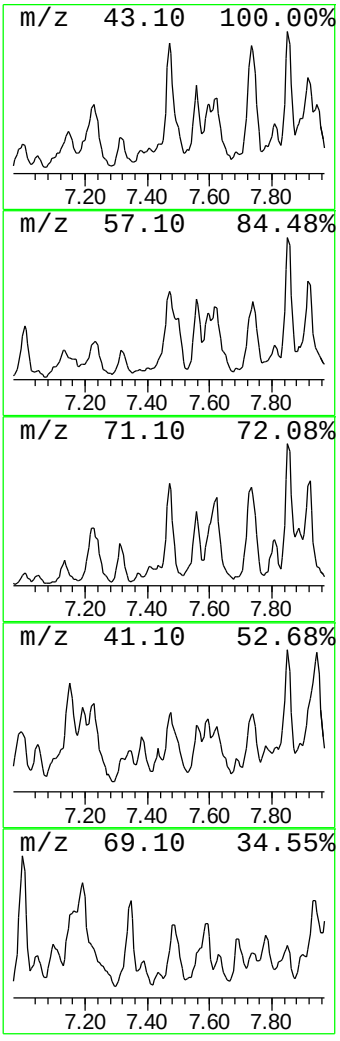
Peak Number 15 1-Decanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	12.10 ng/ul	1041010	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	53
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	52
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	52
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50





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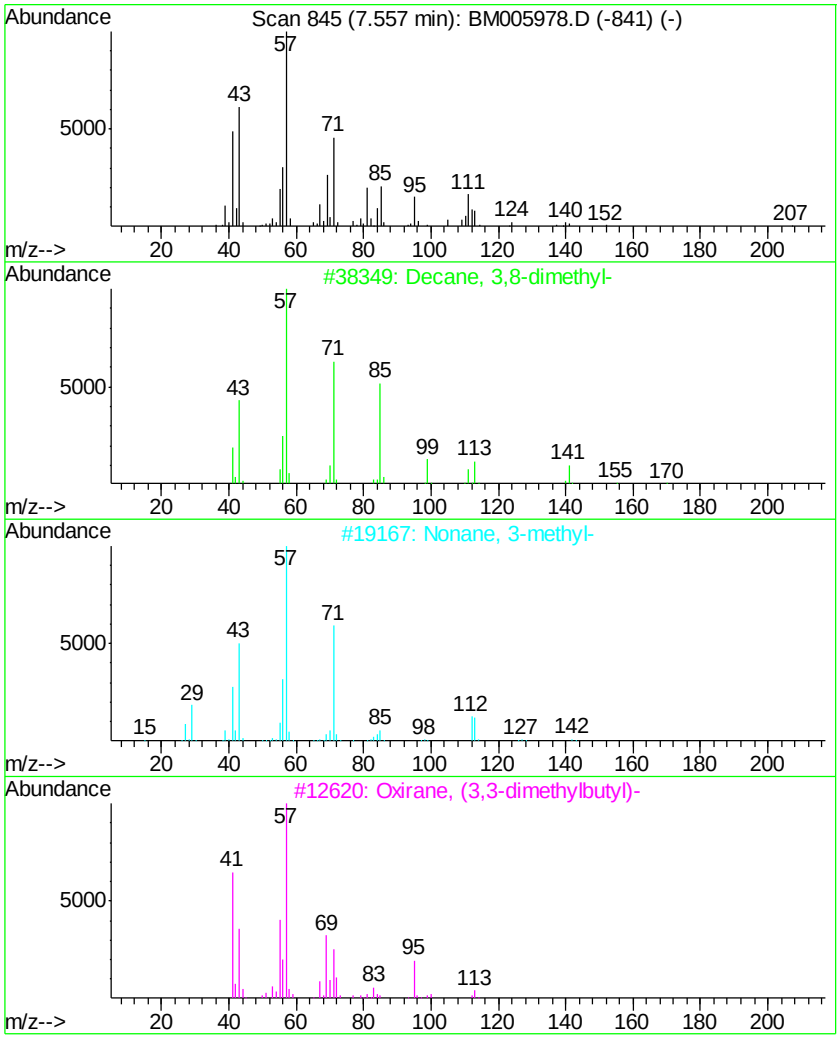
Quant Title : SVOA CALIBRATION

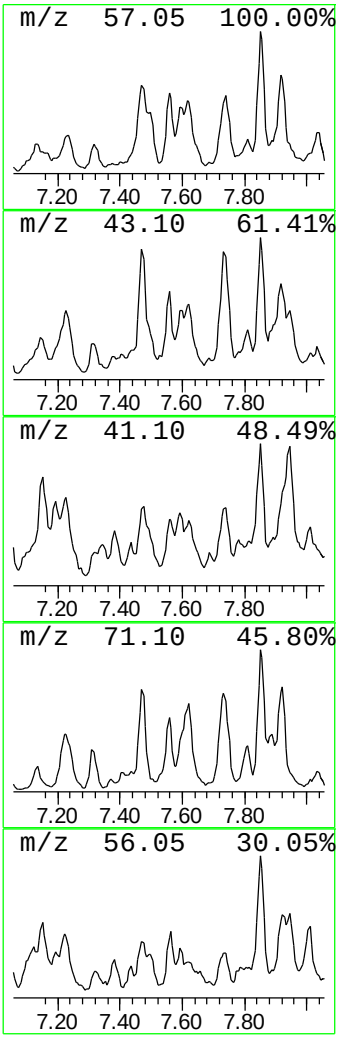
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	6.50 ng/ul	558690	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
3	Oxirane, (3,3-dimethylbutyl)-	128	C8H16O	053907-77-0	47
4	Tridecane	184	C13H28	000629-50-5	38
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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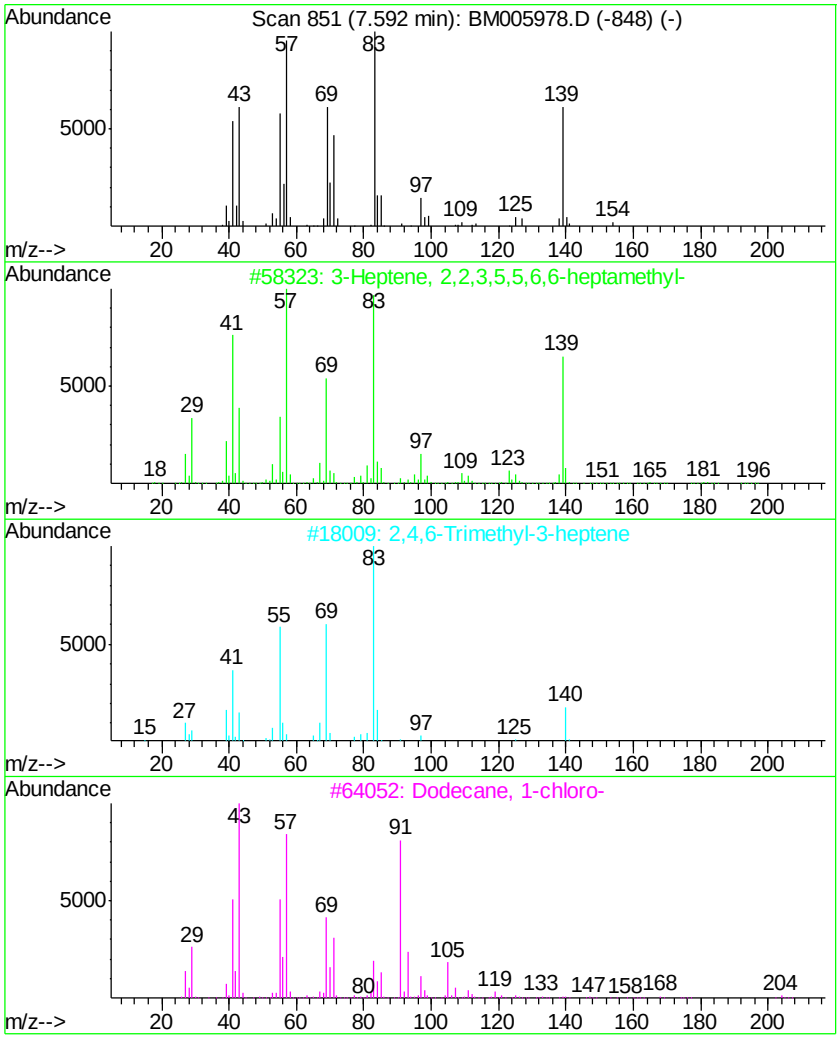
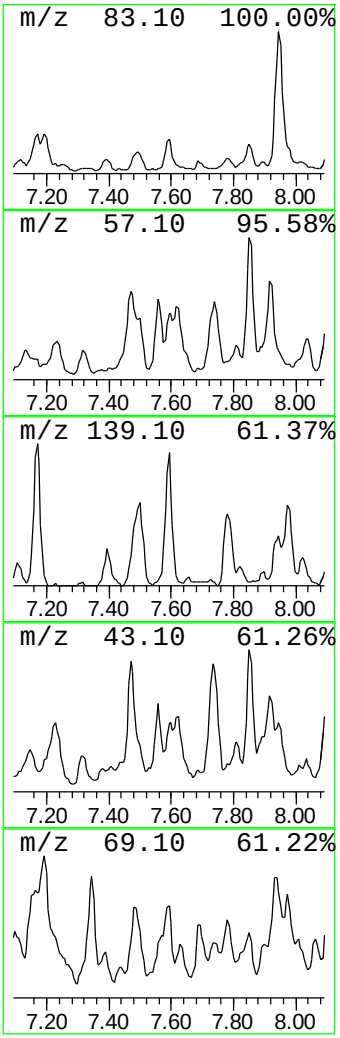
Peak Number 17 (DEL) Alkane: Cyclic7.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	7.68 ng/ul	660503	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	50
2	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	38
3	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	38
4	Trichloroacetic acid, 2-ethylhex...	274	C10H17Cl3O2	016397-79-8	38
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	35





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Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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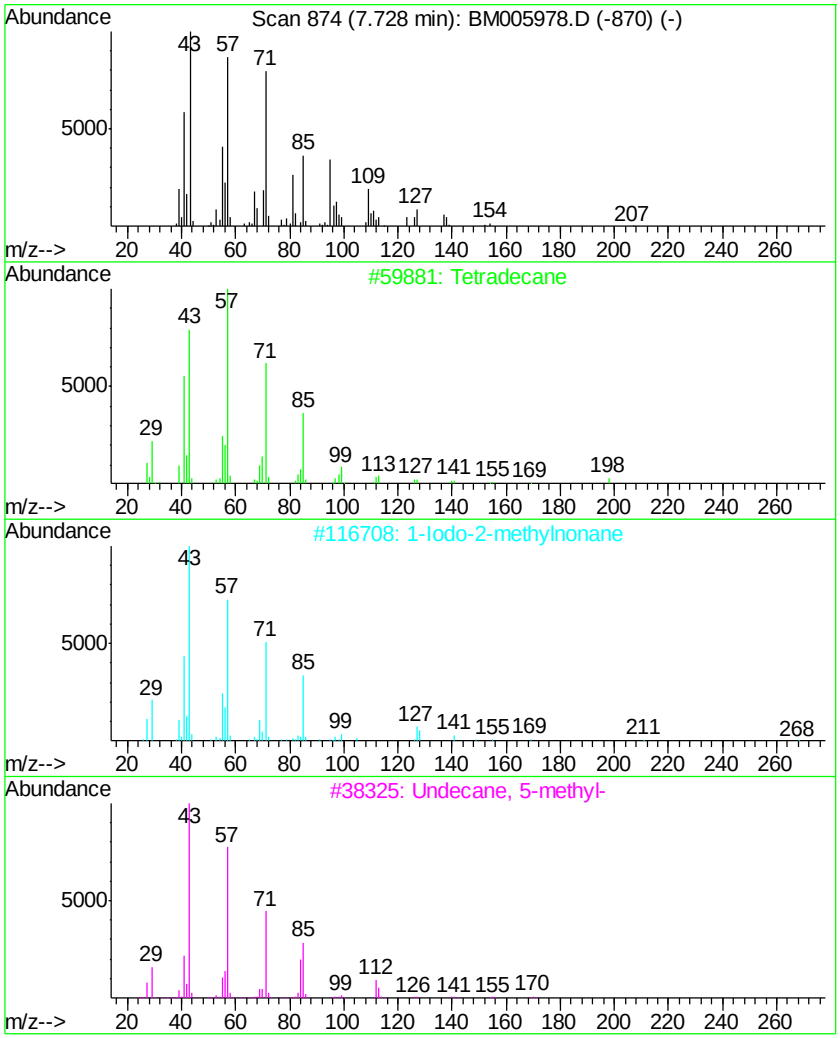
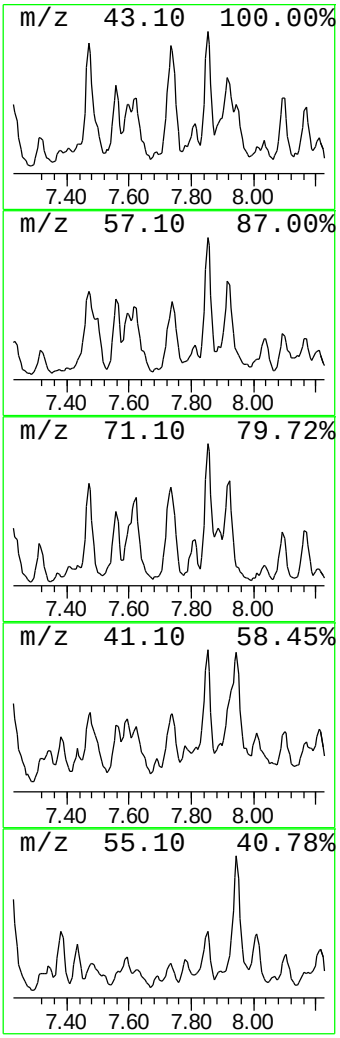
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	9.23 ng/ul	793677	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	47





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Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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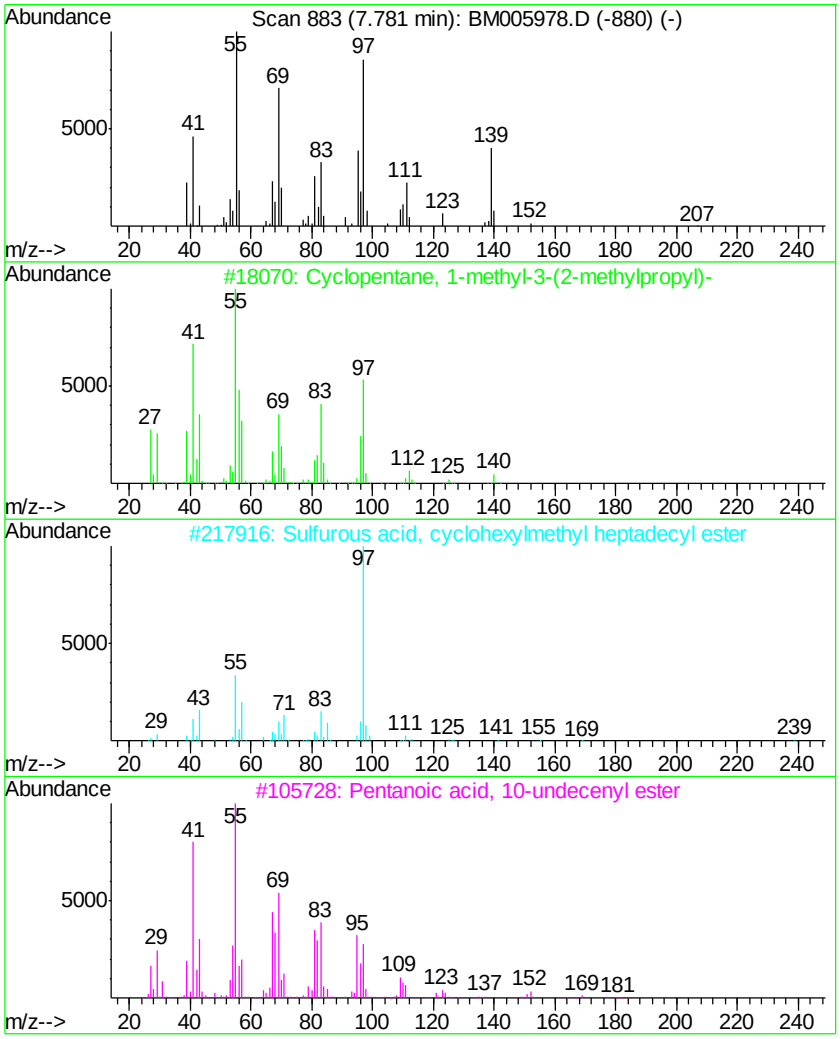
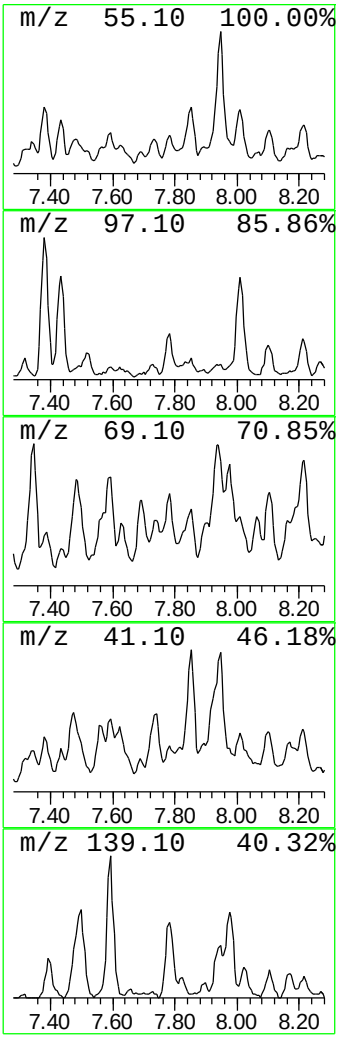
Peak Number 19 (DEL) Alkane: Cyclic7.78 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	4.05 ng/ul	348447	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	38
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	35
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35





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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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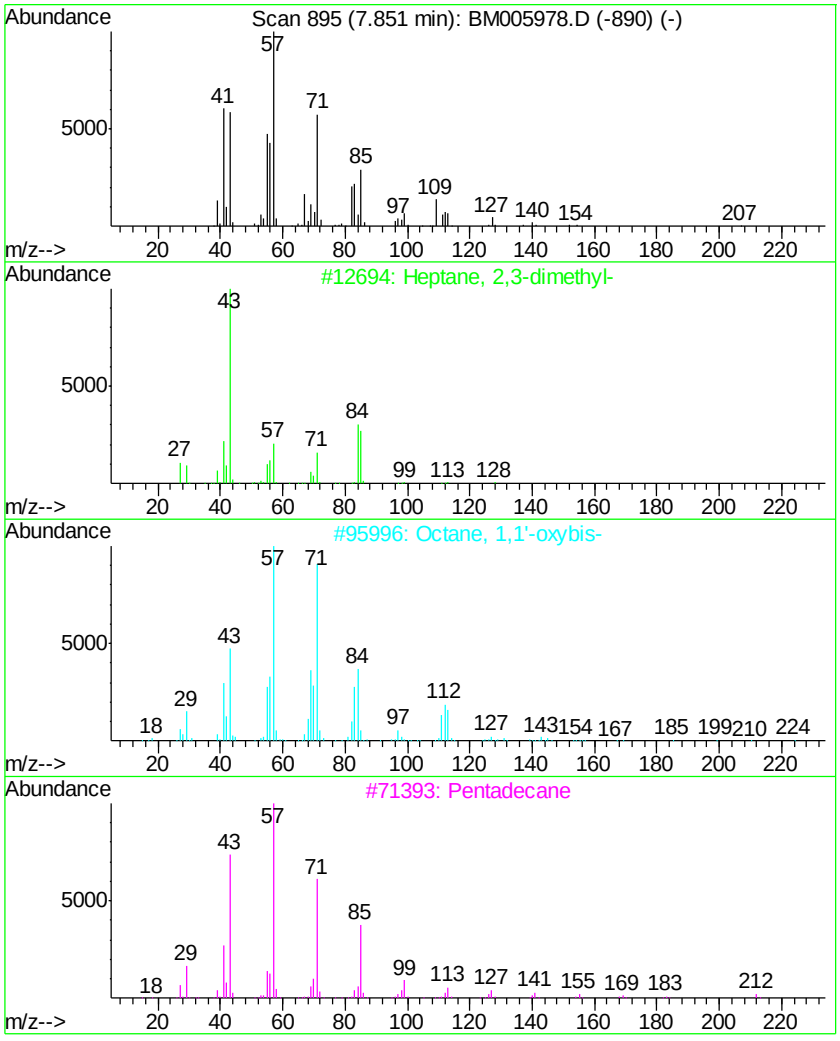
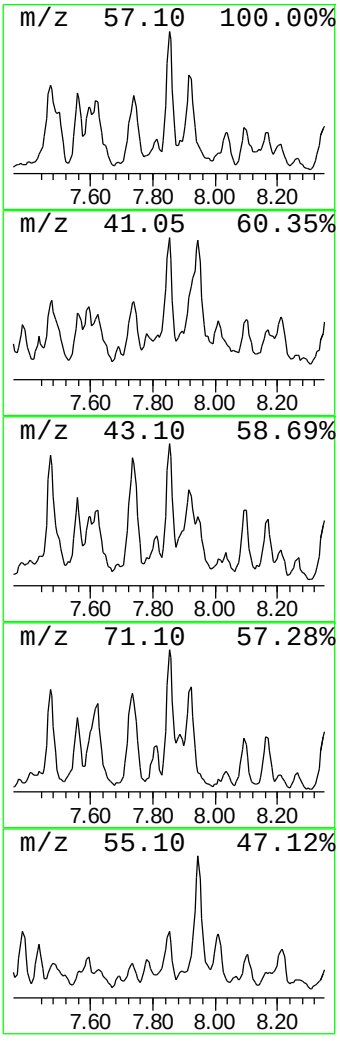
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	14.23 ng/ul	1224450	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
3	Pentadecane	212	C15H32	000629-62-9	43
4	Heptacosane	380	C27H56	000593-49-7	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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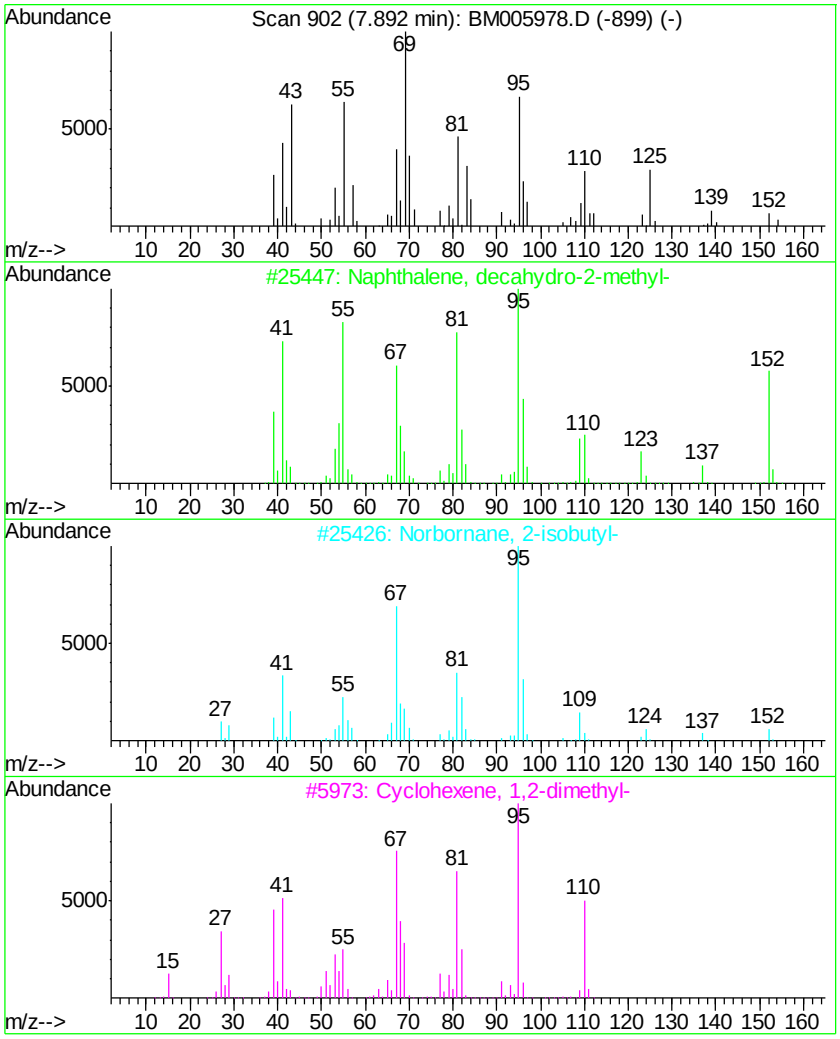
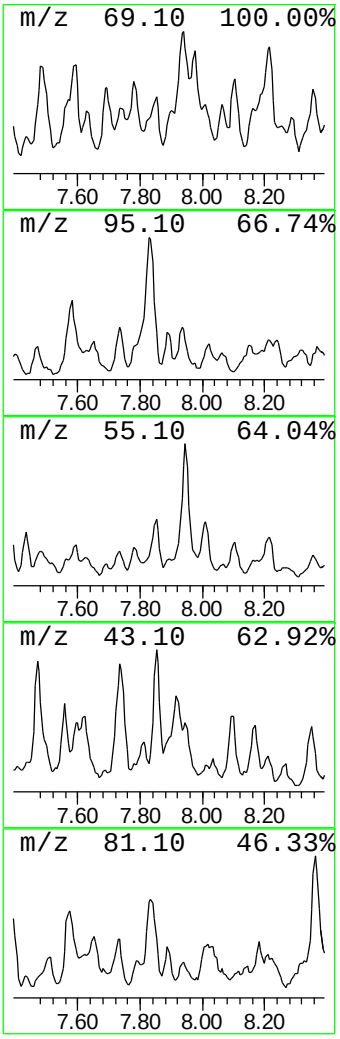
Peak Number 21 (DEL) Alkane: Branched7.89 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.35 ng/ul	288075	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41
2	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	38
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38
5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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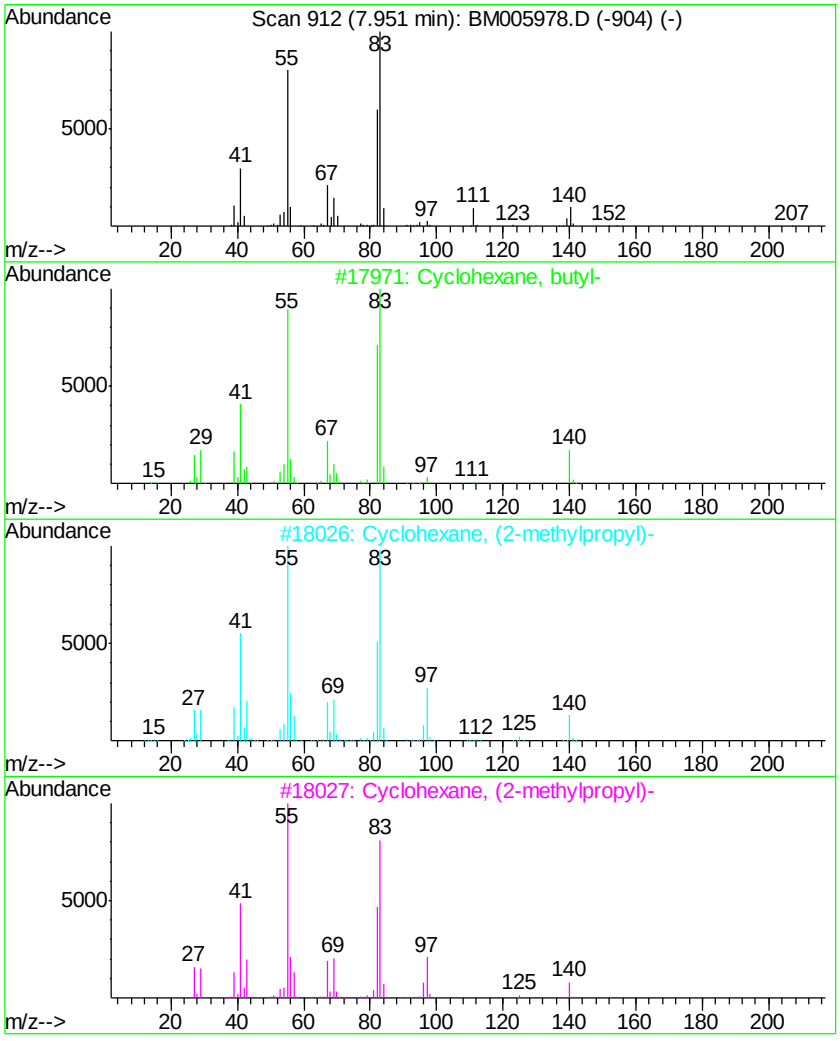
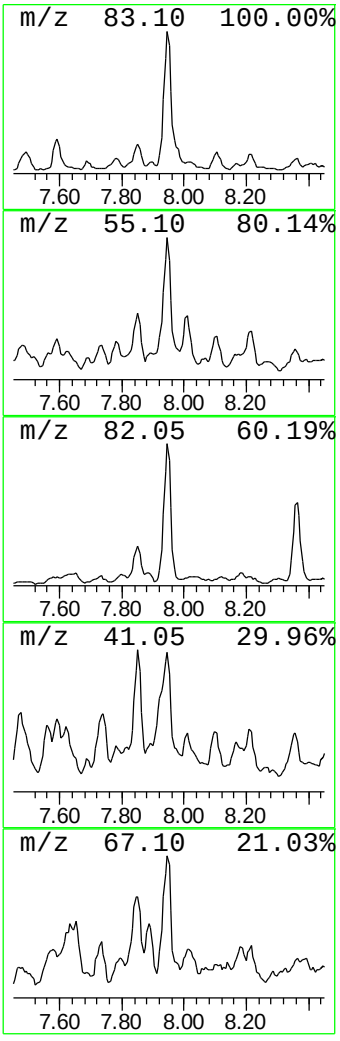
Peak Number 22 (DEL) Alkane: Cyclic7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	21.80 ng/ul	1875240	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Library Search Compound Report

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Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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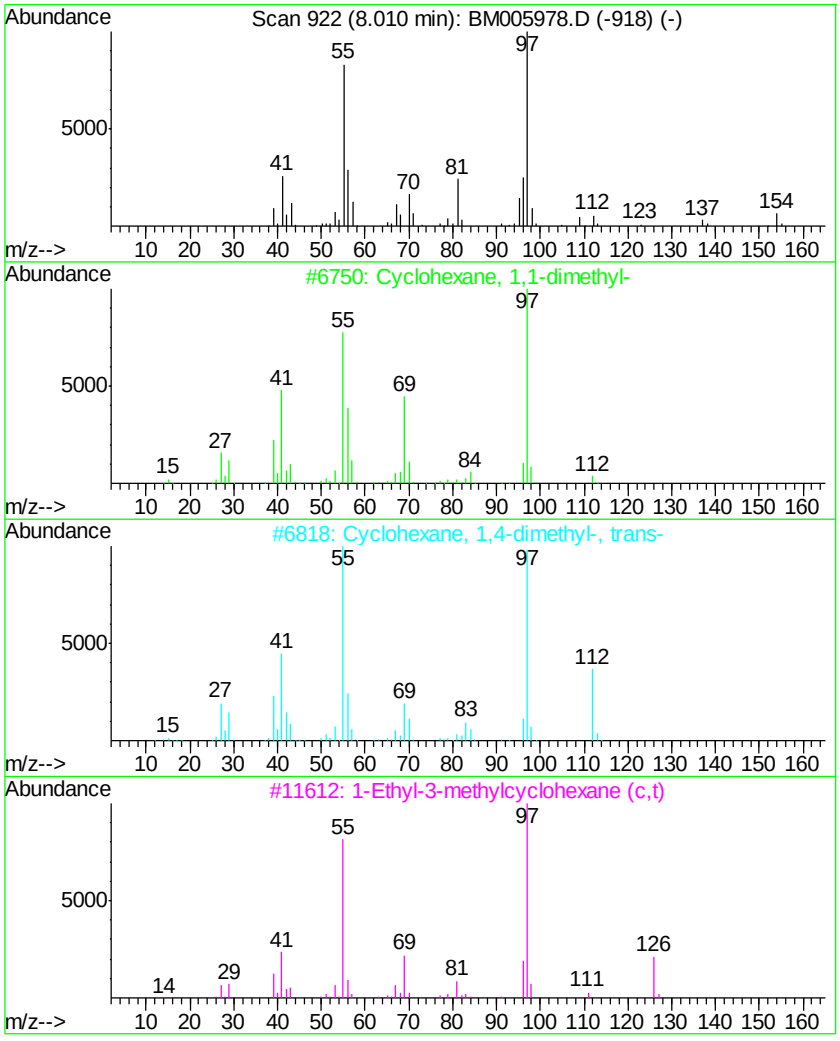
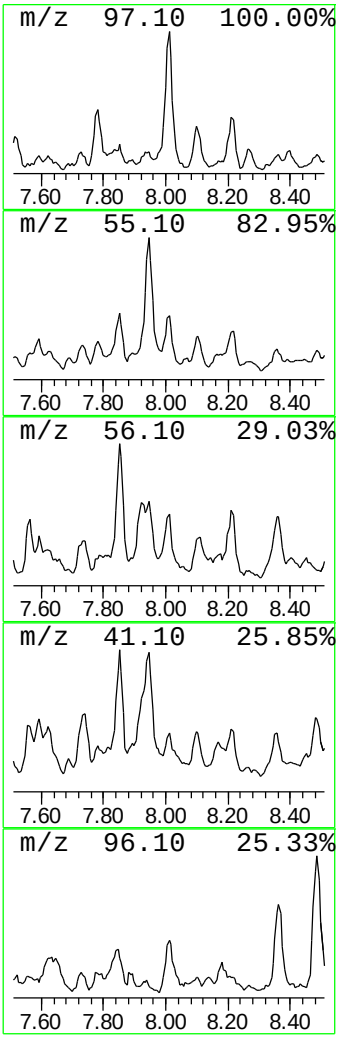
Peak Number 23 (DEL) Alkane: Cyclic8.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	7.15 ng/ul	615124	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
5	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59





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Sample : H3639-04
Misc :
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Instrument : BNA_M
ClientSampleId : D9Z44

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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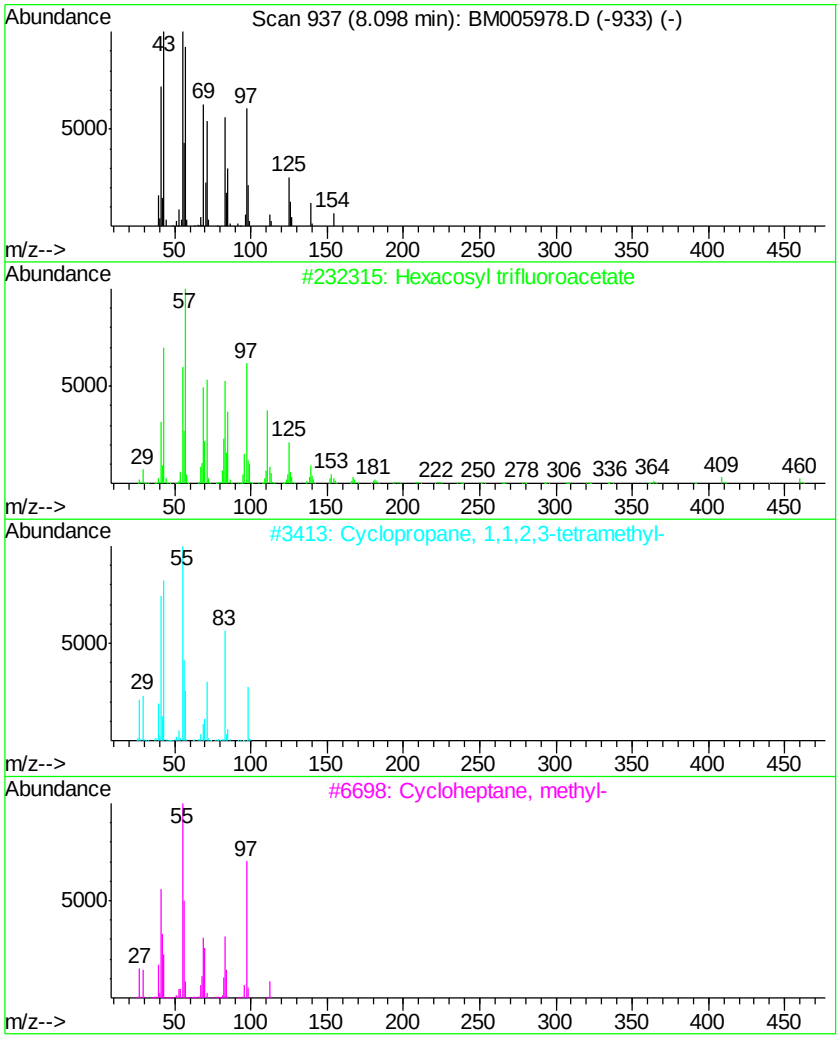
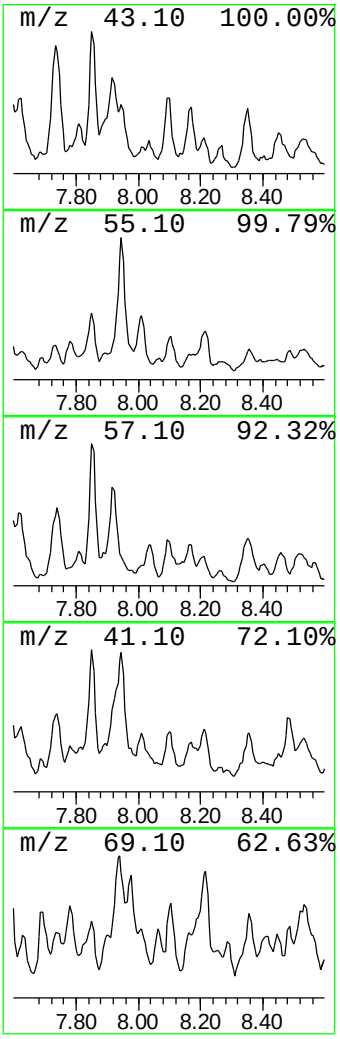
Peak Number 24 Hexacosyl trifluoroacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	5.37 ng/ul	461536	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	80
2	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	38
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	38
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	38
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

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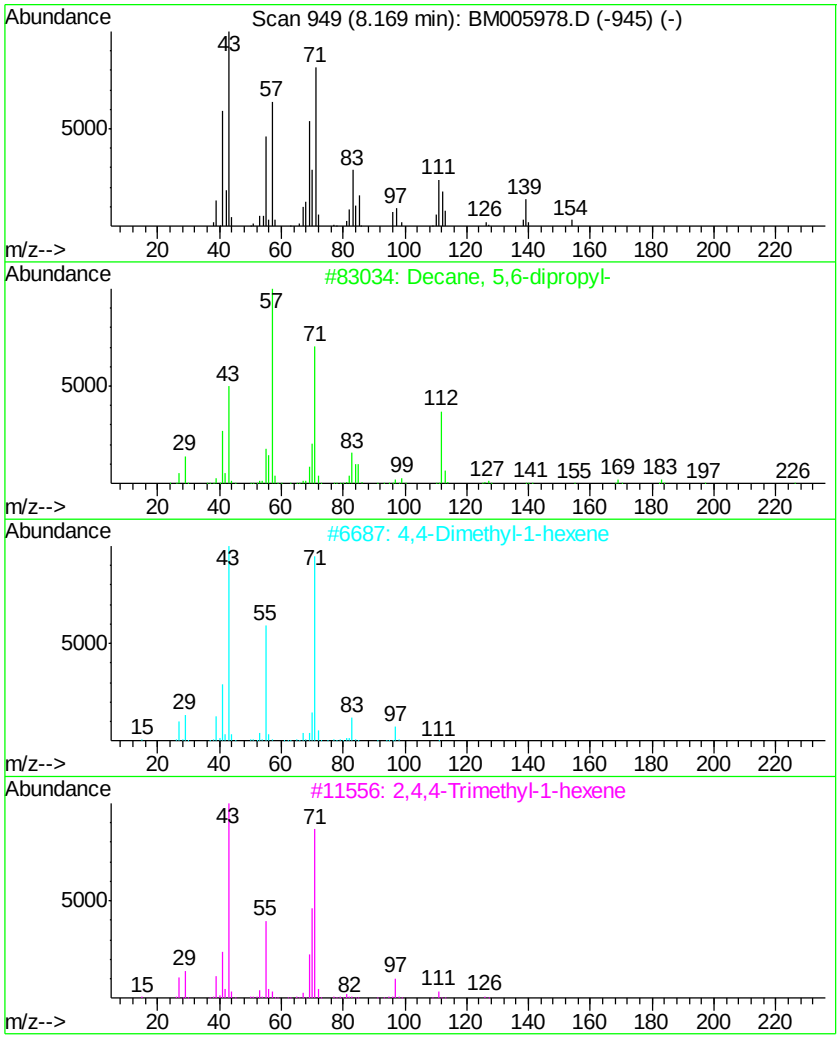
Quant Title : SVOA CALIBRATION

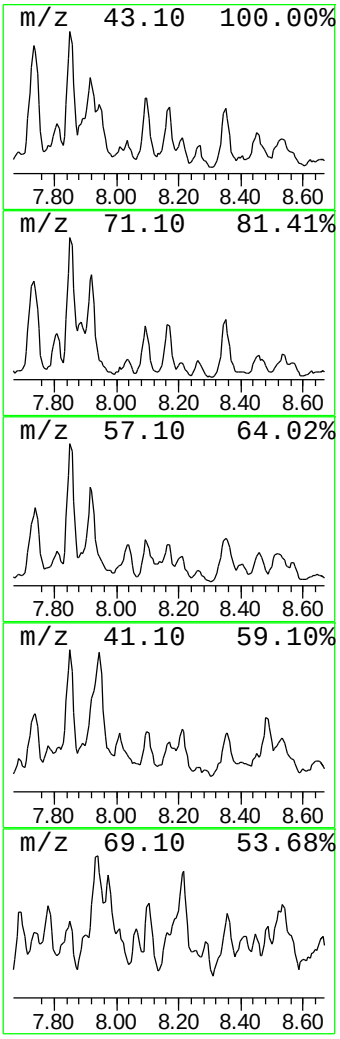
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.64 ng/ul	399086	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
2	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	43
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	38





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Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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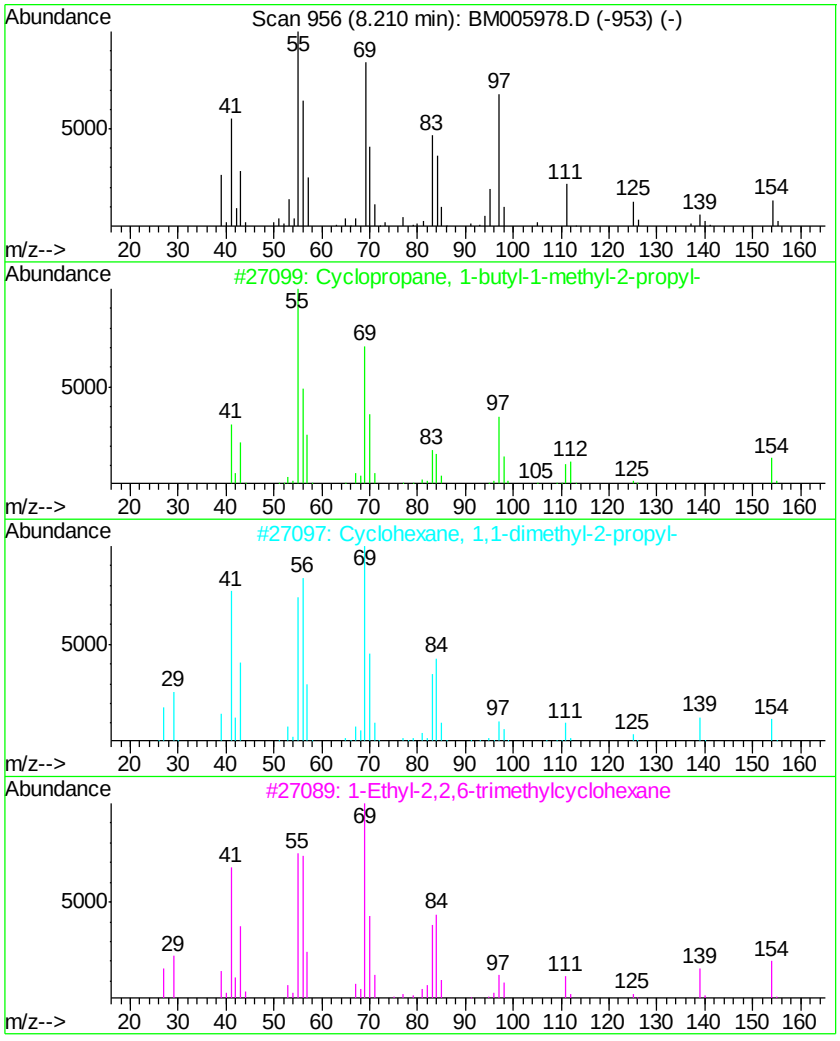
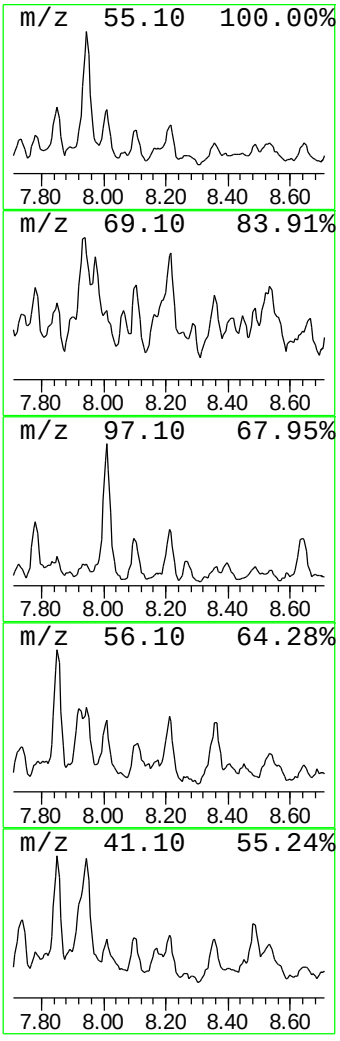
Peak Number 26 (DEL) Alkane: Cyclic8.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	4.88 ng/ul	419644	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	83
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	70
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	70
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	58
5	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	50





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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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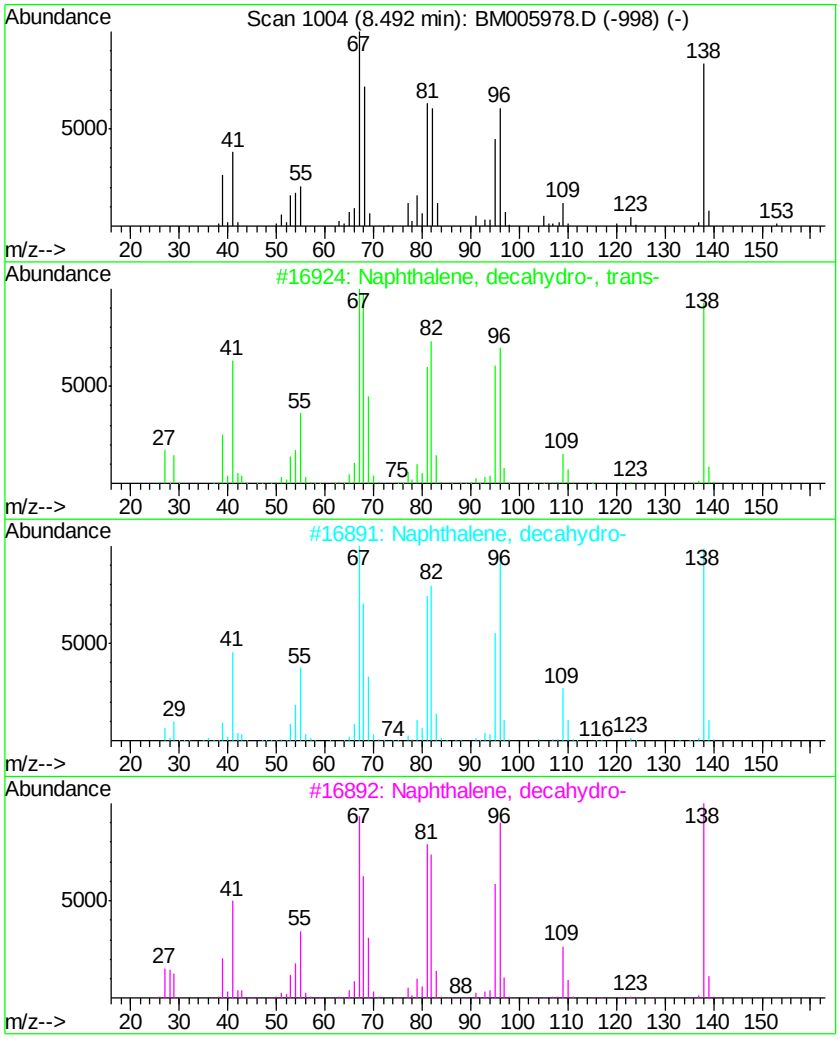
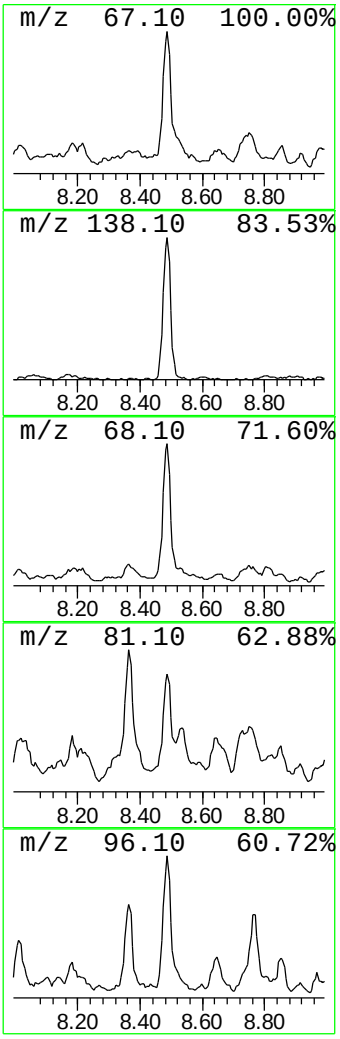
Peak Number 27 (DEL) Alkane: Branched8.49 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.61 ng/ul	482284	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81





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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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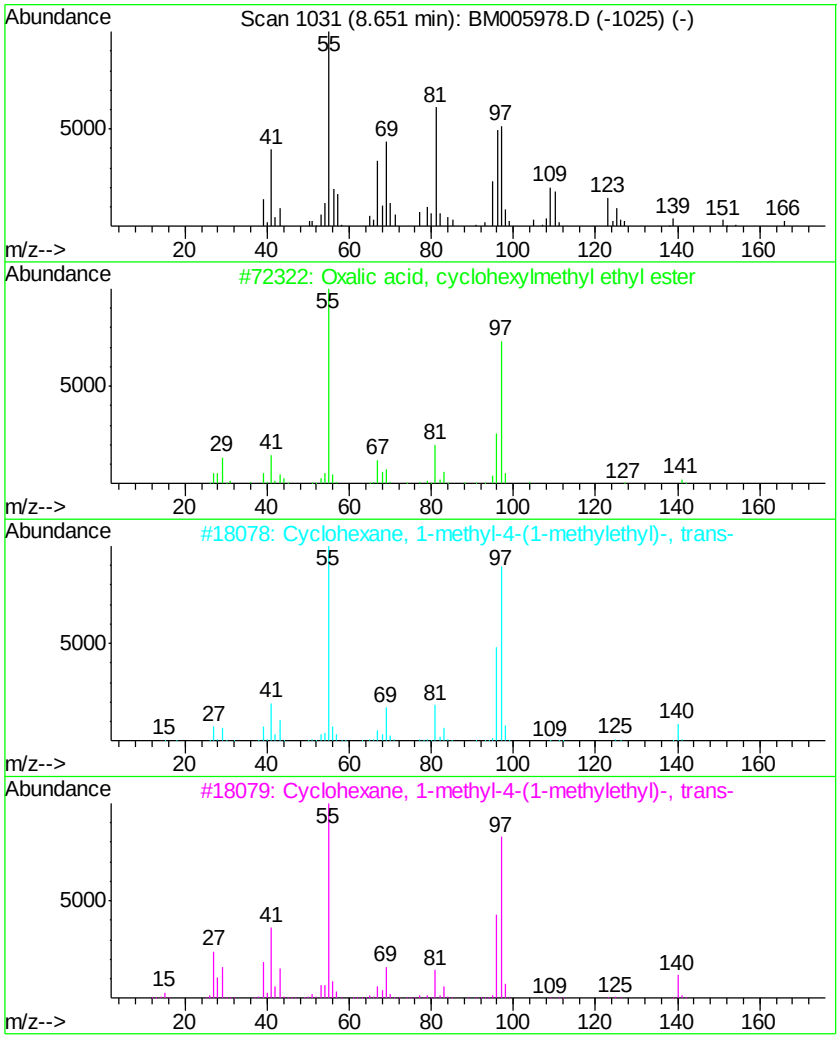
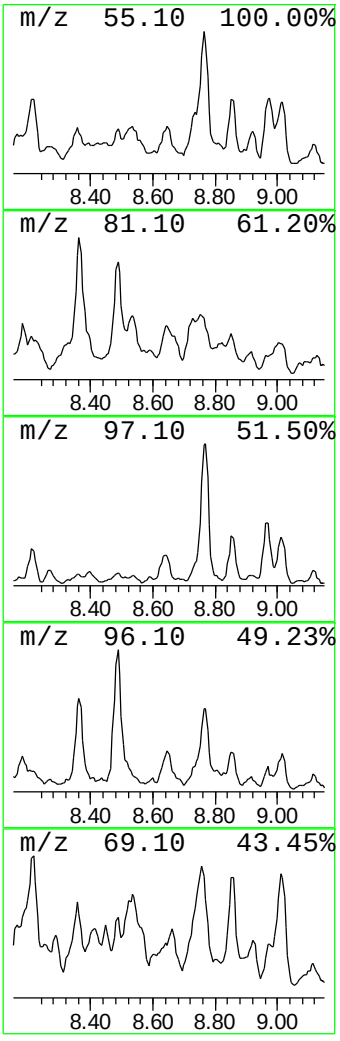
Peak Number 28 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	2.40 ng/ul	206033	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	47
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

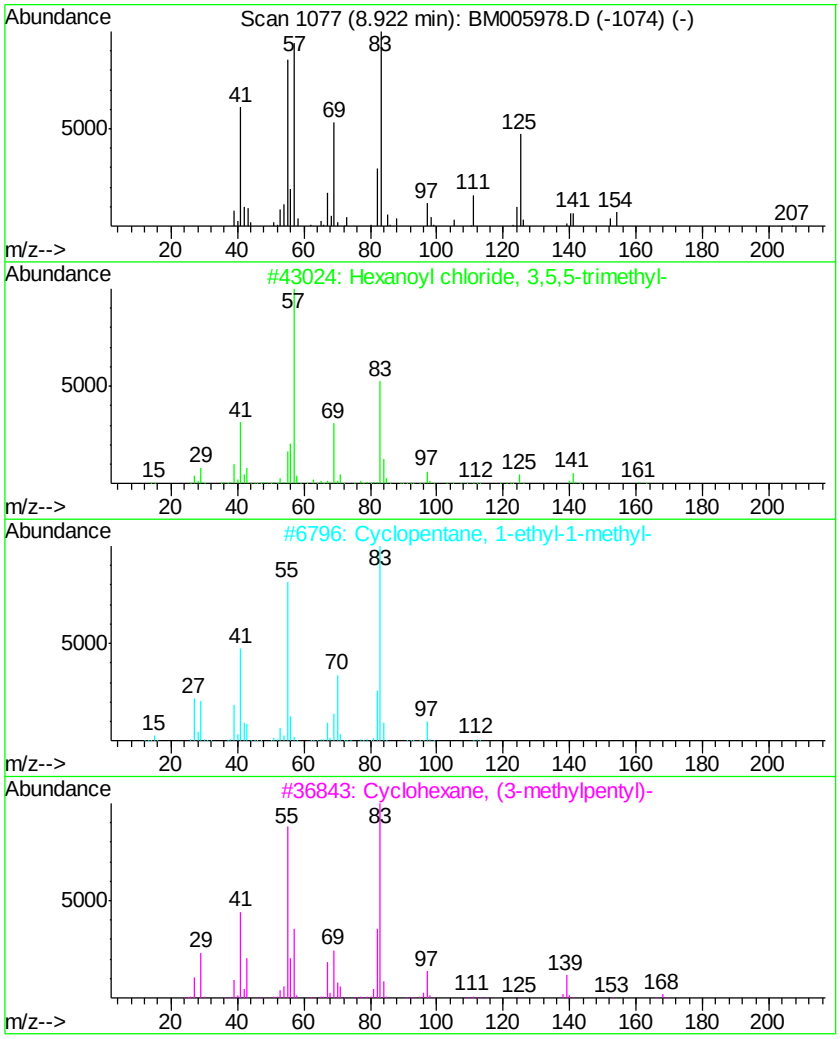
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

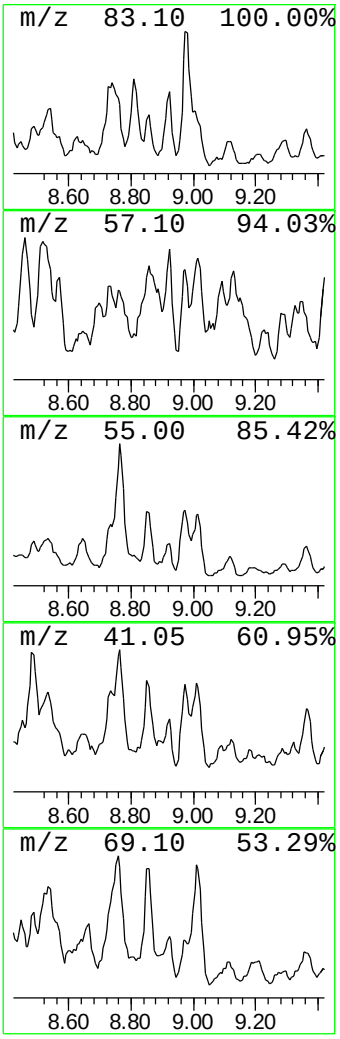
****

Peak Number 29 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	2.72 ng/ul	233610	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	47
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47
3	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	47
4	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	46
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43





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Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

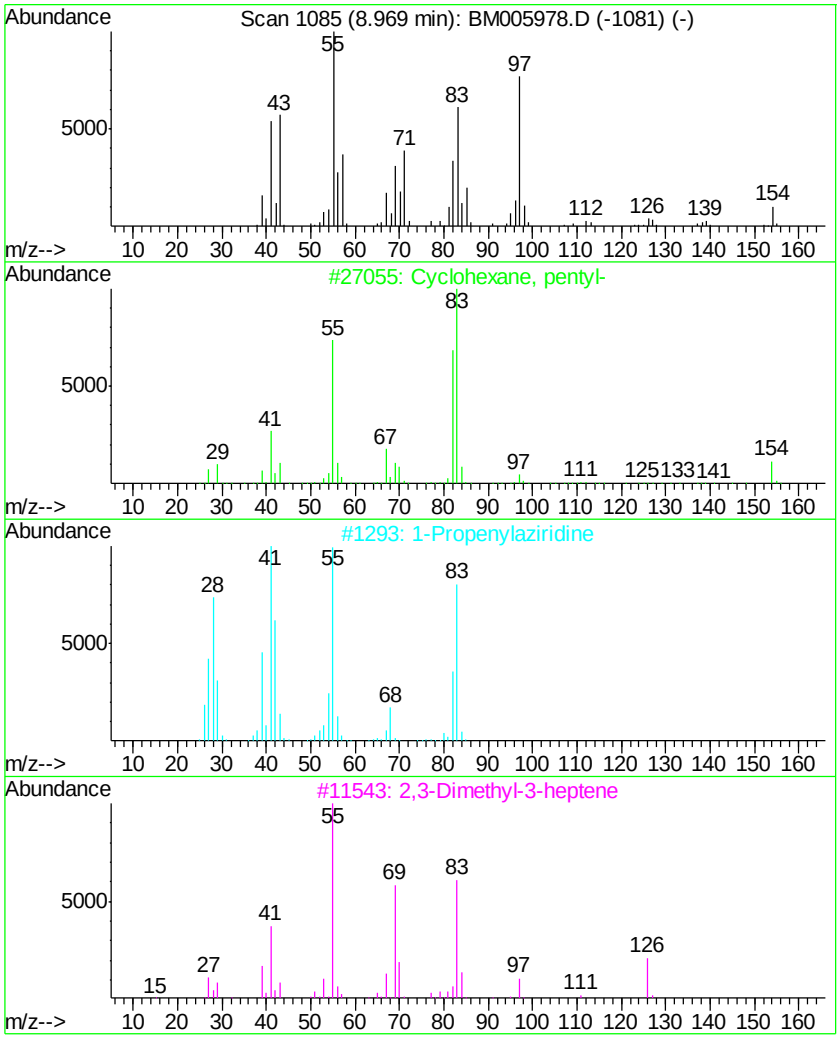
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

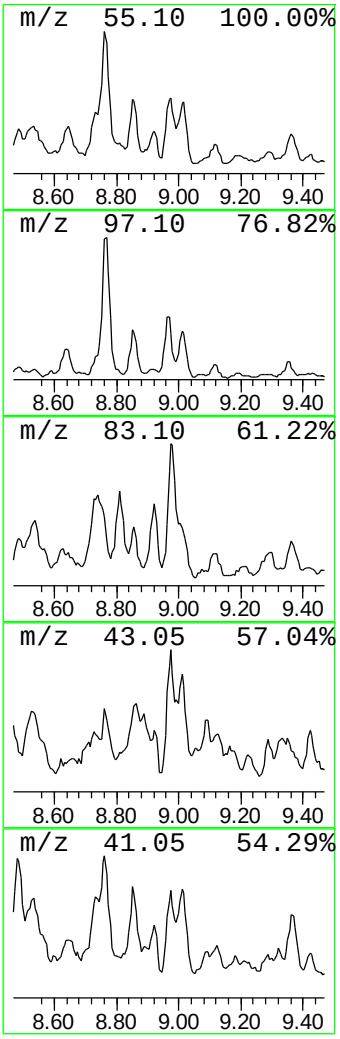
****

Peak Number 30 (DEL) Alkane: Cyclic8.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	6.28 ng/ul	540412	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
2	1-Propenylaziridine	83	C5H9N	1000192-51-0	43
3	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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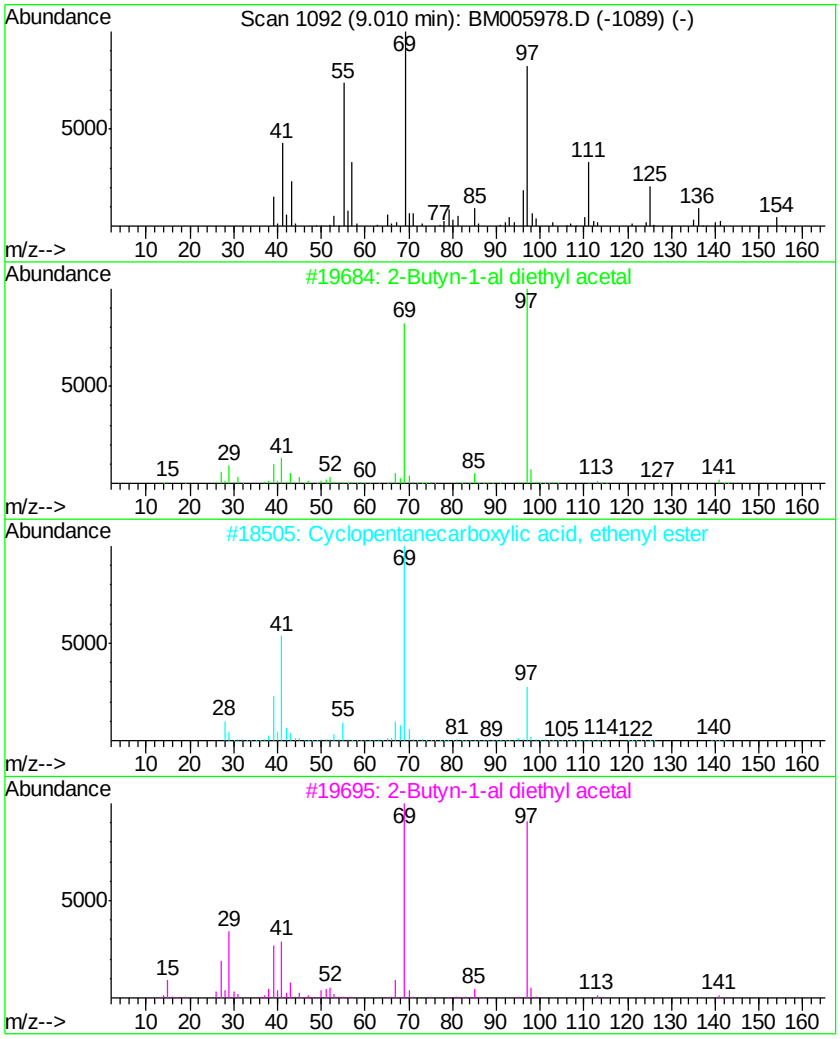
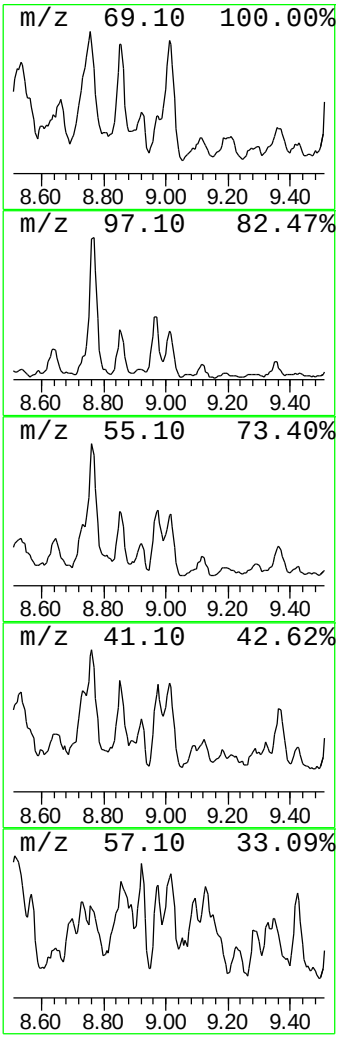
Peak Number 31 2-Butyn-1-al diethyl acetal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	6.35 ng/ul	545929	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	50
2	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	47
3	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	40
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38
5	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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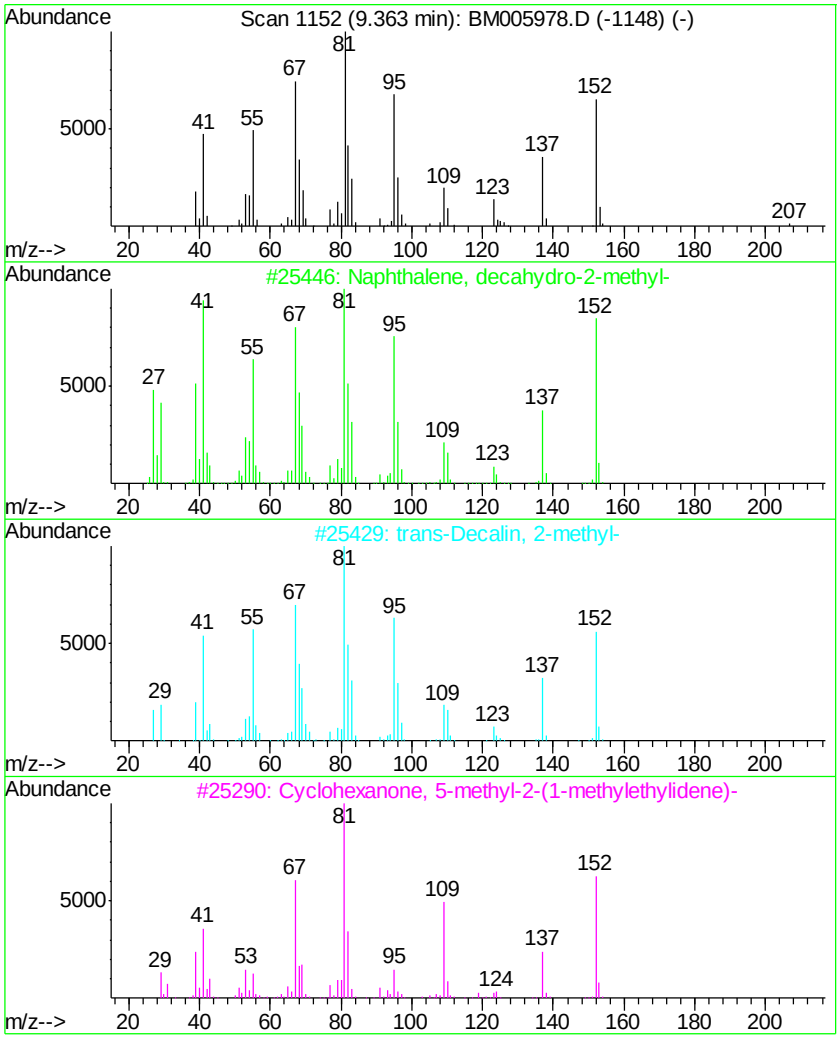
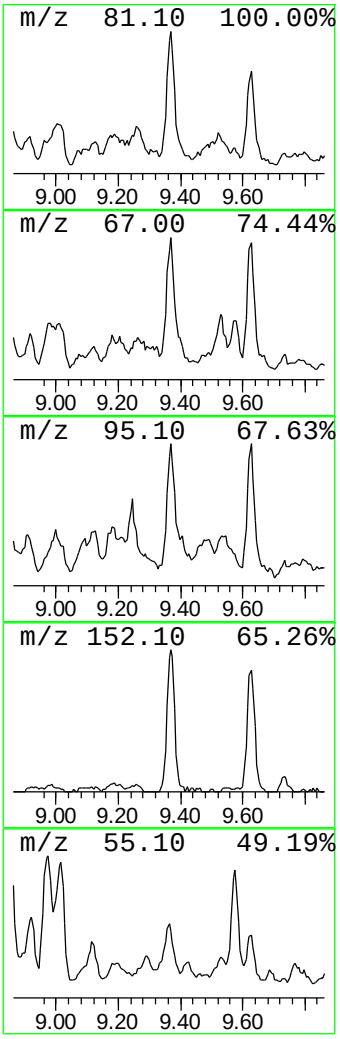
Peak Number 32 (DEL) Alkane: Branched9.36 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.95 ng/ul	413982	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81
4	Pulegone	152	C10H16O	000089-82-7	81
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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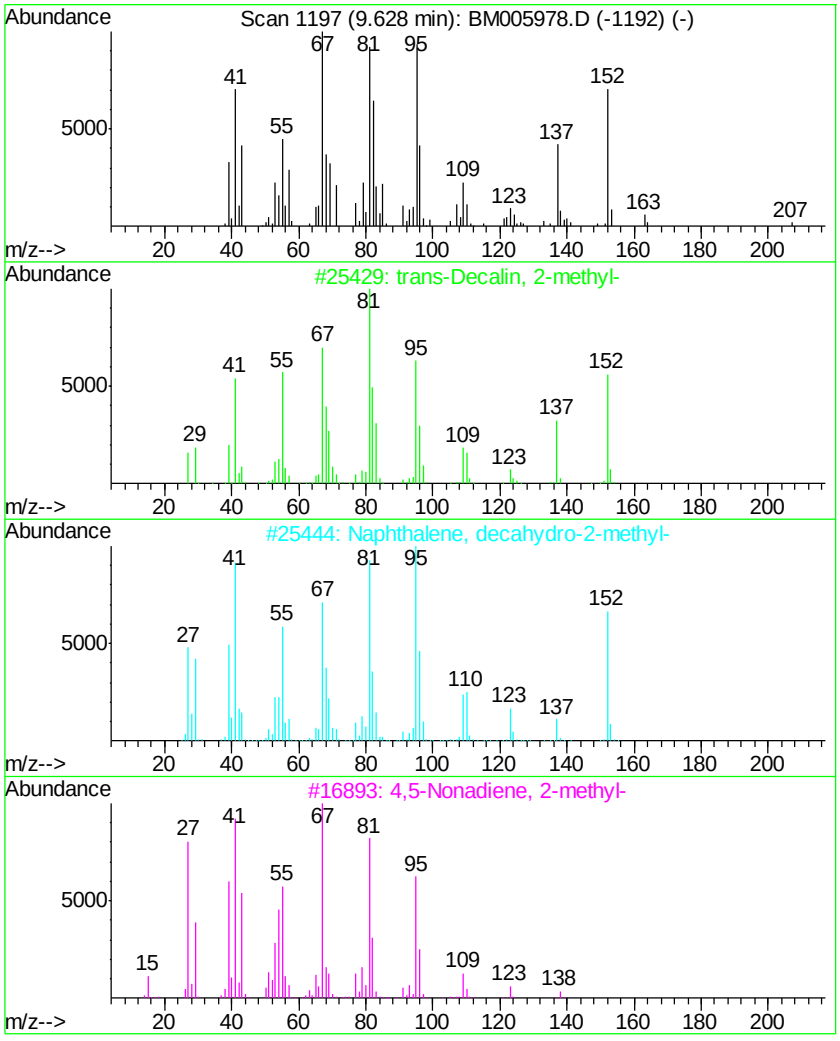
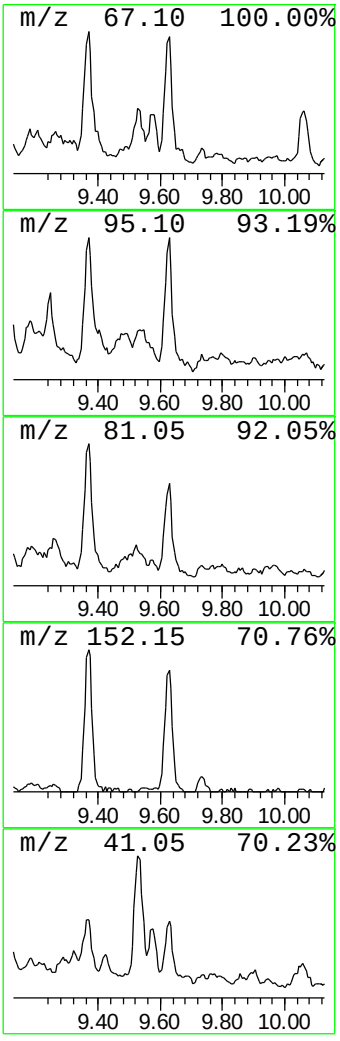
Peak Number 33 (DEL) Alkane: Branched9.63 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	6.02 ng/ul	630132	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	70
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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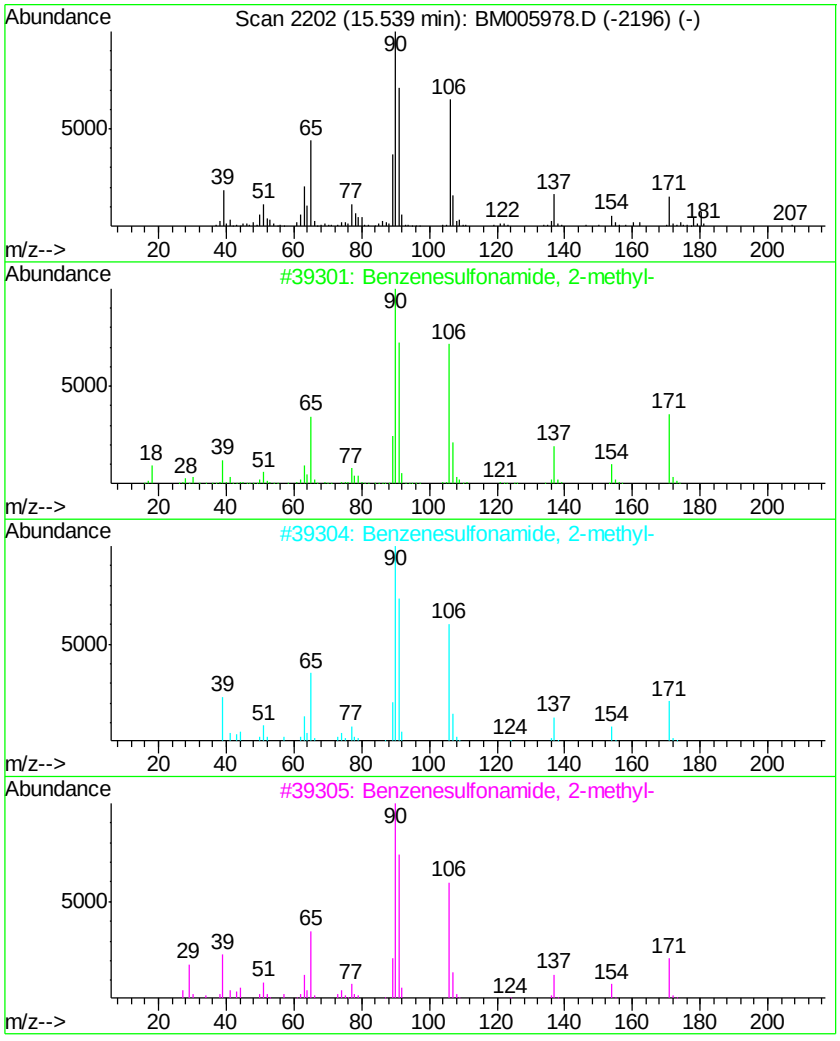
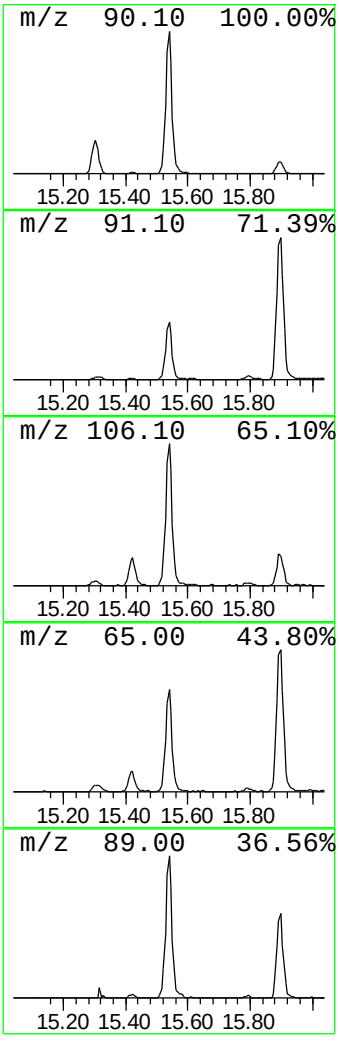
Peak Number 34 Benzenesulfonamide, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	5.81 ng/ul	761488	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	97
2	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	95
3	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	94
4	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	91
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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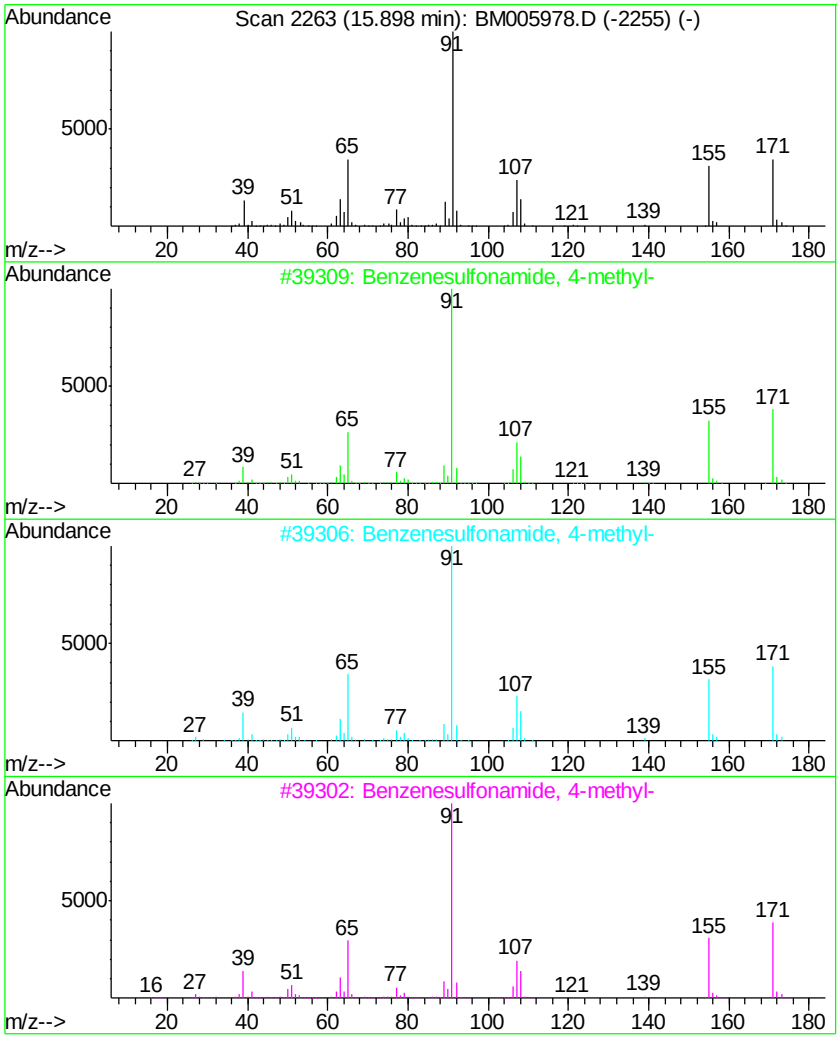
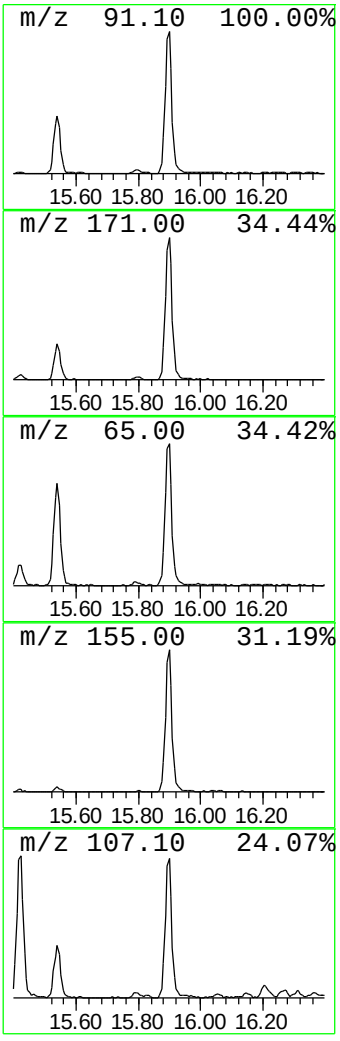
Peak Number 35 Benzenesulfonamide, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.79 ng/ul	936271	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
3	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
4	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
5	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005978.D
Acq On : 24 Jun 2016 22:38
Operator : UM/SJ
Sample : H3639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z44

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	5.64	2.2	ng/ul	187258	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	5.95	6.9	ng/ul	592648	1	7.66	1720370	20.0
(DEL) Alkane: Str...	6.16	7.4	ng/ul	638735	1	7.66	1720370	20.0
(DEL) Alkane: Str...	6.23	6.6	ng/ul	565074	1	7.66	1720370	20.0
(DEL) Alkane: Str...	6.28	4.0	ng/ul	340595	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	6.31	3.0	ng/ul	257658	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	6.42	3.3	ng/ul	286883	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	6.49	3.9	ng/ul	337919	1	7.66	1720370	20.0
(DEL) Alkane: Str...	6.57	5.6	ng/ul	484895	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	6.76	3.6	ng/ul	306091	1	7.66	1720370	20.0
(DEL) Alkane: Str...	7.32	2.6	ng/ul	221017	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.35	3.9	ng/ul	334109	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.38	6.2	ng/ul	532756	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.43	3.9	ng/ul	338896	1	7.66	1720370	20.0
1-Decanol, 2-octyl-	7.47	12.1	ng/ul	1041010	1	7.66	1720370	20.0
(DEL) Alkane: Str...	7.56	6.5	ng/ul	558690	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.59	7.7	ng/ul	660503	1	7.66	1720370	20.0
(DEL) Alkane: Str...	7.73	9.2	ng/ul	793677	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.78	4.0	ng/ul	348447	1	7.66	1720370	20.0
(DEL) Alkane: Str...	7.85	14.2	ng/ul	1224450	1	7.66	1720370	20.0
(DEL) Alkane: Bra...	7.89	3.4	ng/ul	288075	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	7.95	21.8	ng/ul	1875240	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	8.01	7.2	ng/ul	615124	1	7.66	1720370	20.0
Hexacosyl trifluo...	8.10	5.4	ng/ul	461536	1	7.66	1720370	20.0
(DEL) Alkane: Str...	8.17	4.6	ng/ul	399086	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	8.21	4.9	ng/ul	419644	1	7.66	1720370	20.0
(DEL) Alkane: Bra...	8.49	5.6	ng/ul	482284	1	7.66	1720370	20.0
unknown-01	8.65	2.4	ng/ul	206033	1	7.66	1720370	20.0
unknown-02	8.92	2.7	ng/ul	233610	1	7.66	1720370	20.0
(DEL) Alkane: Cyc...	8.97	6.3	ng/ul	540412	1	7.66	1720370	20.0
2-Butyn-1-al diet...	9.01	6.3	ng/ul	545929	1	7.66	1720370	20.0
(DEL) Alkane: Bra...	9.36	4.0	ng/ul	413982	2	10.44	2093530	20.0
(DEL) Alkane: Bra...	9.63	6.0	ng/ul	630132	2	10.44	2093530	20.0
Benzenesulfonamid...	15.54	5.8	ng/ul	761488	3	14.31	2620780	20.0
Benzenesulfonamid...	15.90	5.8	ng/ul	936271	4	17.06	3231700	20.0