LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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\SOM-EPA-BM102417.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	4.322	206	210	216	rVB	5726149	9391031	3.47%	0.195%
2	4.416	221	226	235	rVB2	4724743	9468842	3.50%	0.197%
3	4.569	247	252	260	rVB	10313244	18120108	6.70%	0.377%
4	4.652	260	266	271	rBV2	7300353	14776330	5.47%	0.307%
5	4.704	271	275	279	rVV	5888782	10354692	3.83%	0.215%
6	4.746	279	282	290	rVB	6806860	11778705	4.36%	0.245%
7	4.852	290	300	306	rBV	26510476	48711401	18.02%	1.013%
8	4.952	311	317	322	rVV	22457495	42492634	15.72%	0.883%
9	5.010	322	327	331	rVV2	12709102	24595356	9.10%	0.511%
10	5.057	331	335	340	rVV	29106456	47812837	17.69%	0.994%
11	5.110	340	344	350	rVV2	32232645	58660603	21.70%	1.220%
12	5.169	350	354	359	rVV	9579069	18078252	6.69%	0.376%
13	5.228	359	364	367	rVV	5178231	10585012	3.92%	0.220%
14	5.263	367	370	373	rVV	5457579	9545120	3.53%	0.198%
15	5.310	373	378	380	rVV	12623651	21765338	8.05%	0.453%
16	5.346	380	384	393	rVB	23717627	42919880	15.88%	0.892%
17	5.604	420	428	437	rVB3	8966879	22841582	8.45%	0.475%
18	5.710	437	446	452	rBV2	11735305	26024659	9.63%	0.541%
19	5.781	452	458	466	rBV4	14801320	36376287	13.46%	0.756%
20	5.863	466	472	477	rVV	24670710	42900774	15.87%	0.892%
21	5.928	478	483	490	rVB	20090243	38585415	14.28%	0.802%
22	6.004	490	496	504	rBV	12321083	22105417	8.18%	0.460%
23	6.087	504	510	518	rVB2	5315895	11128331	4.12%	0.231%
24	6.181	518	526	534	rBV5	35691841	101747850	37.64%	2.115%
25	6.287	539	544	553	rVB4	10655491	30424953	11.26%	0.633%
26	6.404	556	564	571	rBV5	39655628	106829260	39.52%	2.221%
27	6.551	578	589	602	rBV5	54427925	176970393	65.48%	3.679%
28	6.663	603	608	614	rVB2	14094492	26166473	9.68%	0.544%
29	6.728	614	619	625	rVB4	19454185	35610158	13.18%	0.740%
30	6.804	625	632	638	rVB3	15782511	37388770	13.83%	0.777%
31	6.910	638	650	661	rVB3	35123460	98180613	36.32%	2.041%
32	7.010	661	667	668	rBV2	9872816	14914653	5.52%	0.310%
33	7.057	668	675	685	rVB5	47182891	116275476	43.02%	2.418%
34	7.140	685	689	694	rBV2	6901857	12827271	4.75%	0.267%

LSC Area Percent Report

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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

35	7.245	700	707	712	rBV5	20958325	53314717	19.73%	1.108%
36	7.293	712	715	719	rVV2	19379432	33745781	12.49%	0.702%
37	7.340	719	723	728	rVV2	35500665	65130870	24.10%	1.354%
38	7.410	728	735	739	rVV3	53366608	120225333	44.48%	2.500%
39	7.475	743	746	757	rVB4	49349386	114552859	42.38%	2.382%
40	7.569	757	762	769	rBV3	36497638	88401866	32.71%	1.838%
41	7.634	769	773	778	rVB2	23425267	38673316	14.31%	0.804%
42	7.681	778	781	784	rVB	8681405	9804081	3.63%	0.204%
43	7.728	784	789	799	rBV7	18717671	60514107	22.39%	1.258%
44	7.810	799	803	806	rBV2	19041012	34313275	12.70%	0.713%
45	7.910	814	820	826	rVB3	47758689	116408726	43.07%	2.420%
46	7.987	828	833	839	rVV5	16171617	39702766	14.69%	0.825%
47	8.057	839	845	850	rVV3	23822728	69718607	25.79%	1.450%
48	8.128	851	857	859	rVV4	31778989	78349517	28.99%	1.629%
49	8.175	859	865	869	rVV4	75185756	197100184	72.92%	4.098%
50	8.216	869	872	878	rVV4	59048142	120039244	44.41%	2.496%
51	8.275	878	882	889	rVV3	28792203	61187043	22.64%	1.272%
52	8.363	889	897	900	rVV7	15159313	35577958	13.16%	0.740%
53	8.410	900	905	909	rVV3	28861020	60950230	22.55%	1.267%
54	8.475	910	916	926	rVB3	75007655	199291261	73.73%	4.144%
55	8.604	932	938	945	rBV3	59077215	104591860	38.70%	2.175%
56	8.757	959	964	968	rBV2	36984502	65404451	24.20%	1.360%
57	8.804	968	972	976	rVV	23339584	37372438	13.83%	0.777%
58	8.904	985	989	995	rBV6	6818211	16884641	6.25%	0.351%
59	9.034	995	1011	1017	rVB8	97771503	270284112	100.00%	5.620%
60	9.116	1018	1025	1030	rBV4	51285911	108977012	40.32%	2.266%
61	9.251	1040	1048	1050	rBV5	32473334	85676105	31.70%	1.781%
62	9.381	1062	1070	1077	rVB5	16836766	53425485	19.77%	1.111%
63	9.492	1084	1089	1093	rBV2	19194376	33032385	12.22%	0.687%
64	9.551	1093	1099	1103	rVV2	47737194	83824672	31.01%	1.743%
65	9.639	1110	1114	1118	rVB2	22055900	32239045	11.93%	0.670%
66	9.792	1134	1140	1144	rBV	26196087	46162478	17.08%	0.960%
67	9.834	1144	1147	1151	rVB	21706932	30298148	11.21%	0.630%
68	9.898	1151	1158	1164	rBV5	43418098	88703788	32.82%	1.844%
69	9.957	1164	1168	1171	rBV2	8805313	11997662	4.44%	0.249%
70	10.045	1177	1183	1187	rBV5	4427372	10455714	3.87%	0.217%
71	10.116	1187	1195	1200	rVV3	72275898	152799979	56.53%	3.177%

LSC Area Percent Report

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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

72	10.181	1200	1206	1217	rVB3	16126521	40195844	14.87%	0.836%
73	10.286	1218	1224	1238	rVB7	16991345	36551920	13.52%	0.760%
74	10.404	1238	1244	1253	rVB	22605881	41673842	15.42%	0.866%
75	10.681	1283	1291	1296	rBV3	17167731	39781096	14.72%	0.827%
76	10.739	1296	1301	1309	rVV4	19292014	38763173	14.34%	0.806%
77	10.816	1309	1314	1318	rVV2	11557217	20482499	7.58%	0.426%
78	10.863	1318	1322	1326	rVV	24774037	35146966	13.00%	0.731%
79	10.916	1326	1331	1339	rVB2	13087555	23197867	8.58%	0.482%
80	10.992	1339	1344	1349	rVB3	6716367	12699185	4.70%	0.264%
81	11.598	1442	1447	1456	rVB5	6602192	16266252	6.02%	0.338%
82	11.722	1463	1468	1472	rBV	25437208	39642896	14.67%	0.824%
83	11.798	1477	1481	1486	rVB4	6269067	11671006	4.32%	0.243%
84	11.880	1491	1495	1503	rVB4	5557399	11805401	4.37%	0.245%
85	12.810	1649	1653	1659	rVB4	5043994	8861676	3.28%	0.184%
86	13.069	1686	1697	1702	rBV	24063949	38595938	14.28%	0.802%
87	13.445	1758	1761	1770	rVV7	3718191	9393201	3.48%	0.195%
88	13.580	1777	1784	1791	rVB6	3334505	8945349	3.31%	0.186%
89	13.845	1824	1829	1834	rVV	15168701	26188906	9.69%	0.545%
90	13.951	1844	1847	1853	rVV3	5283127	9649267	3.57%	0.201%
91	14.010	1853	1857	1862	rVB3	26589055	36934753	13.67%	0.768%
92	14.357	1912	1916	1922	rVB2	5265638	9219723	3.41%	0.192%
93	14.521	1941	1944	1950	rVB2	6458061	9350502	3.46%	0.194%
94	14.733	1977	1980	1989	rVB3	4116167	10329128	3.82%	0.215%
95	14.921	2007	2012	2017	rVB2	6808373	10599022	3.92%	0.220%
96	15.774	2153	2157	2163	rVB	7204954	10618976	3.93%	0.221%
97	16.257	2231	2239	2244	rBV	9557669	15023206	5.56%	0.312%
98	19.368	2762	2768	2773	rVB	24790862	30042959	11.12%	0.625%
99	22.097	3227	3232	3240	rVB2	6363084	10621138	3.93%	0.221%
100	22.450	3289	3292	3305	rVB3	5573049	11968546	4.43%	0.249%

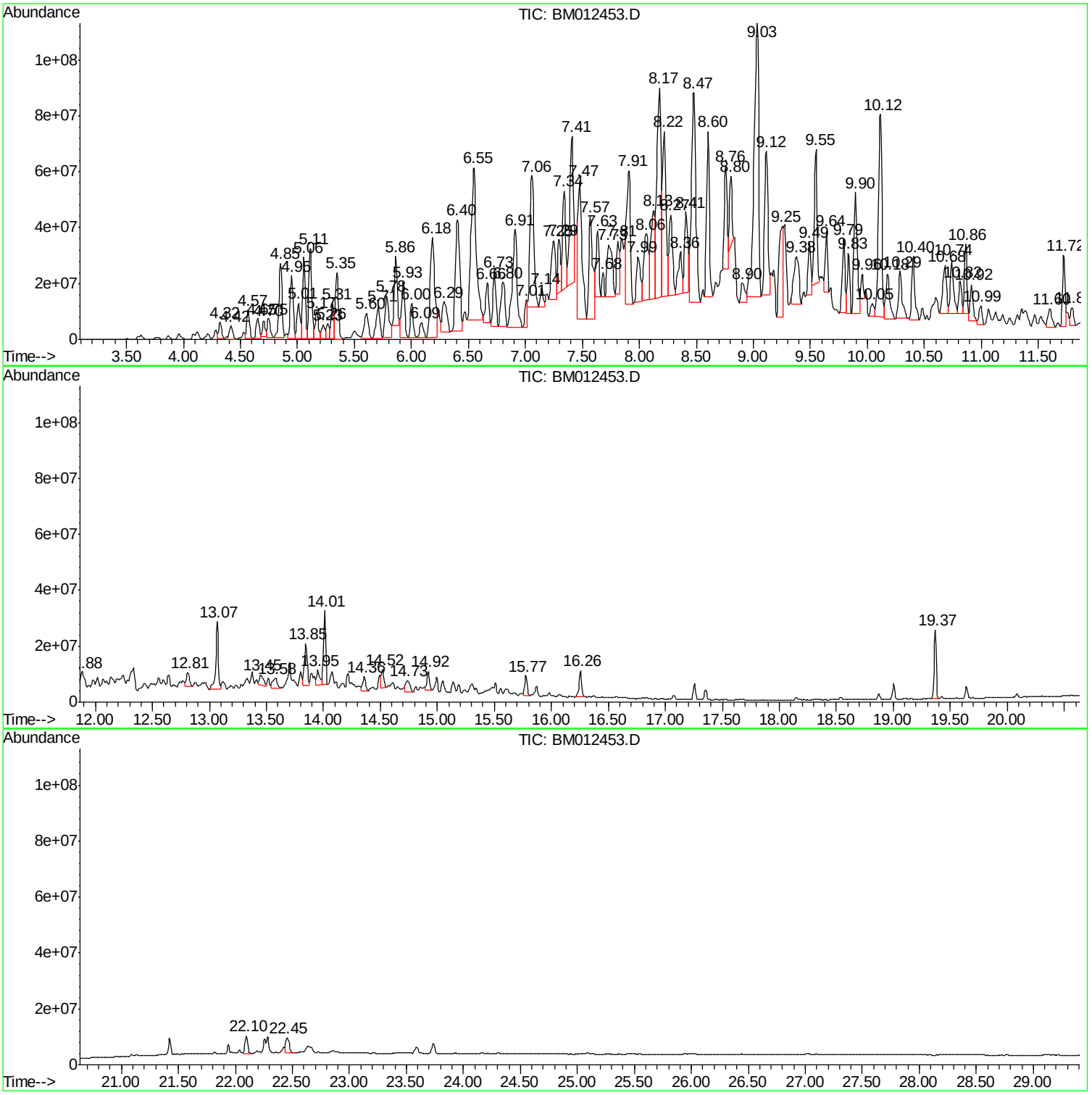
Sum of corrected areas: 4809706429

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

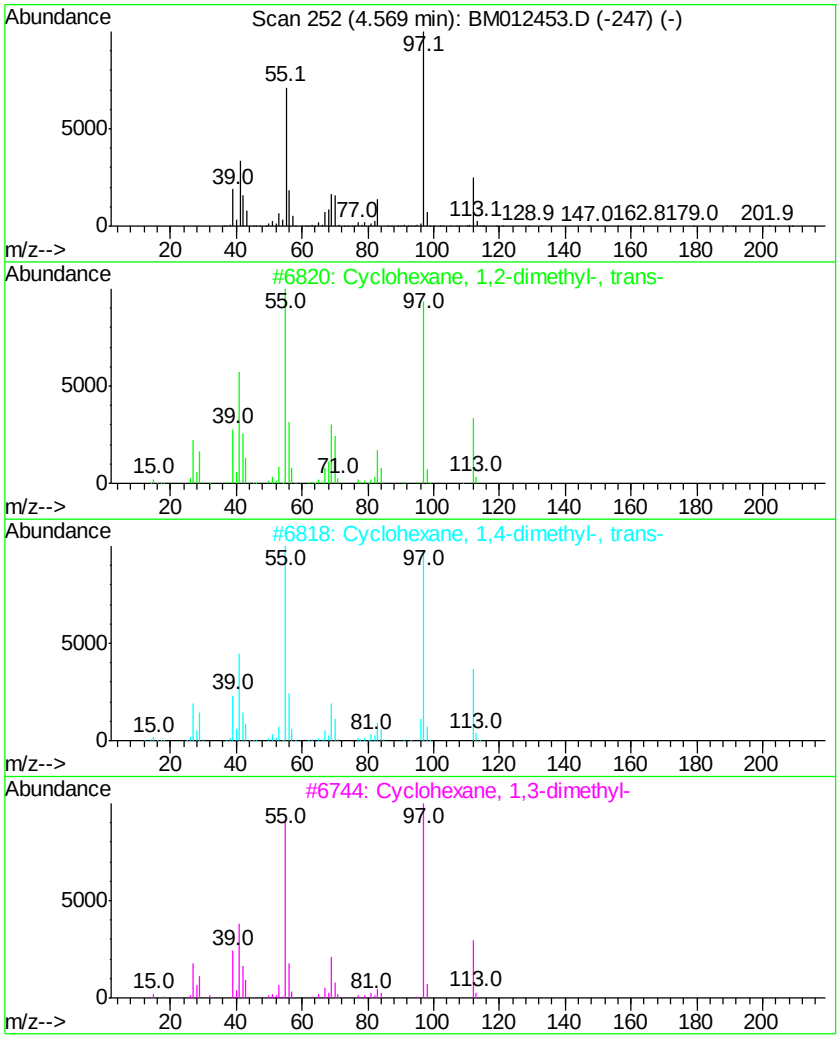
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

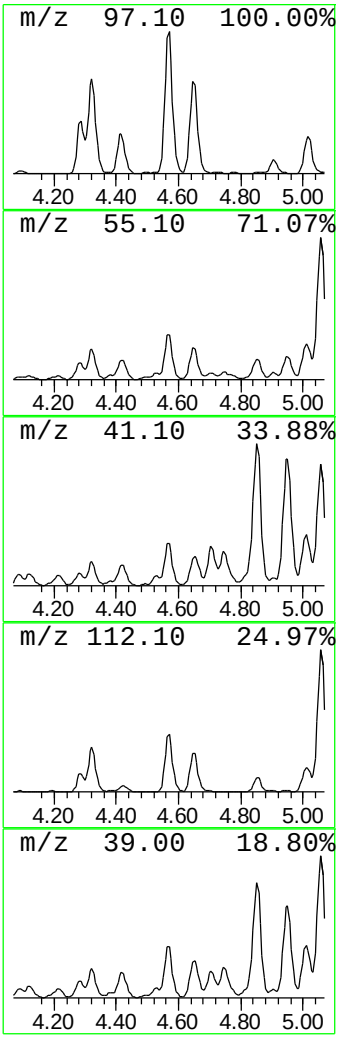
****

Peak Number 1 (DEL) Alkane: Cyclic4.57 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	3.11 ng/ul	18120100	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

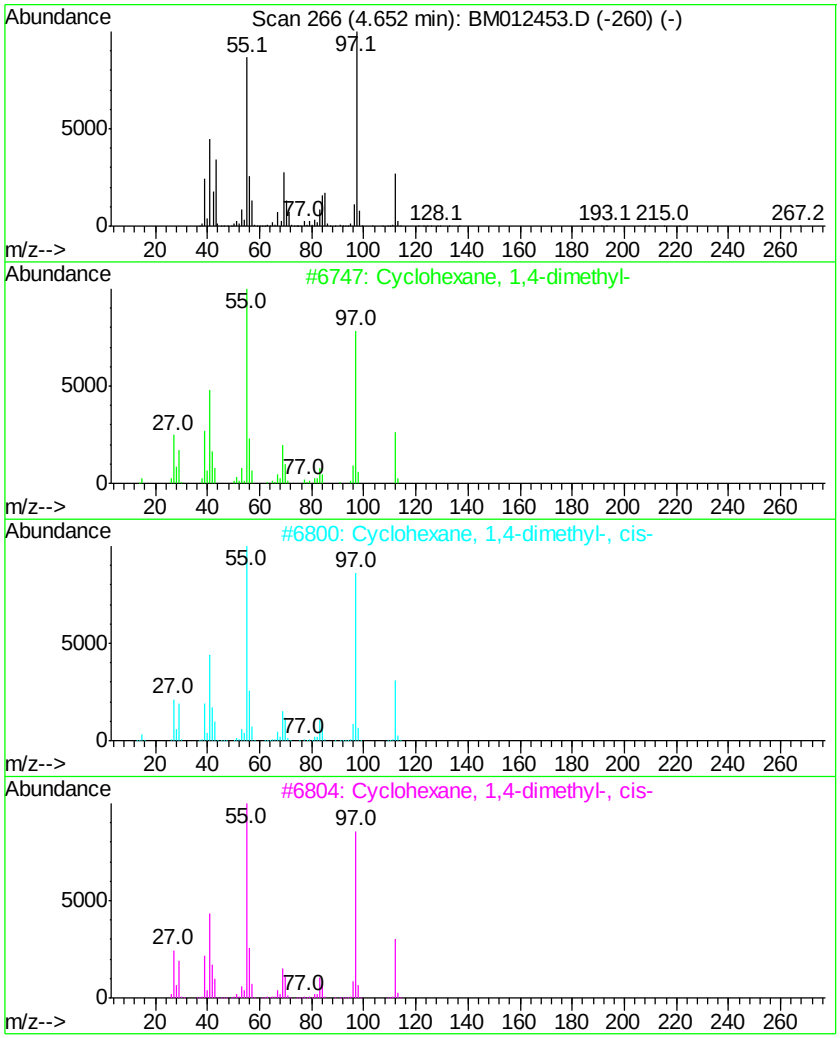
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

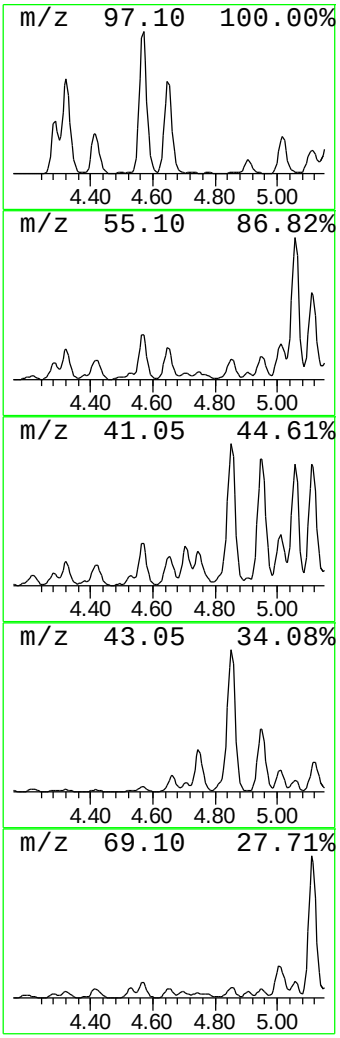
****

Peak Number 2 (DEL) Alkane: Cyclic4.65 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	2.54 ng/ul	14776300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

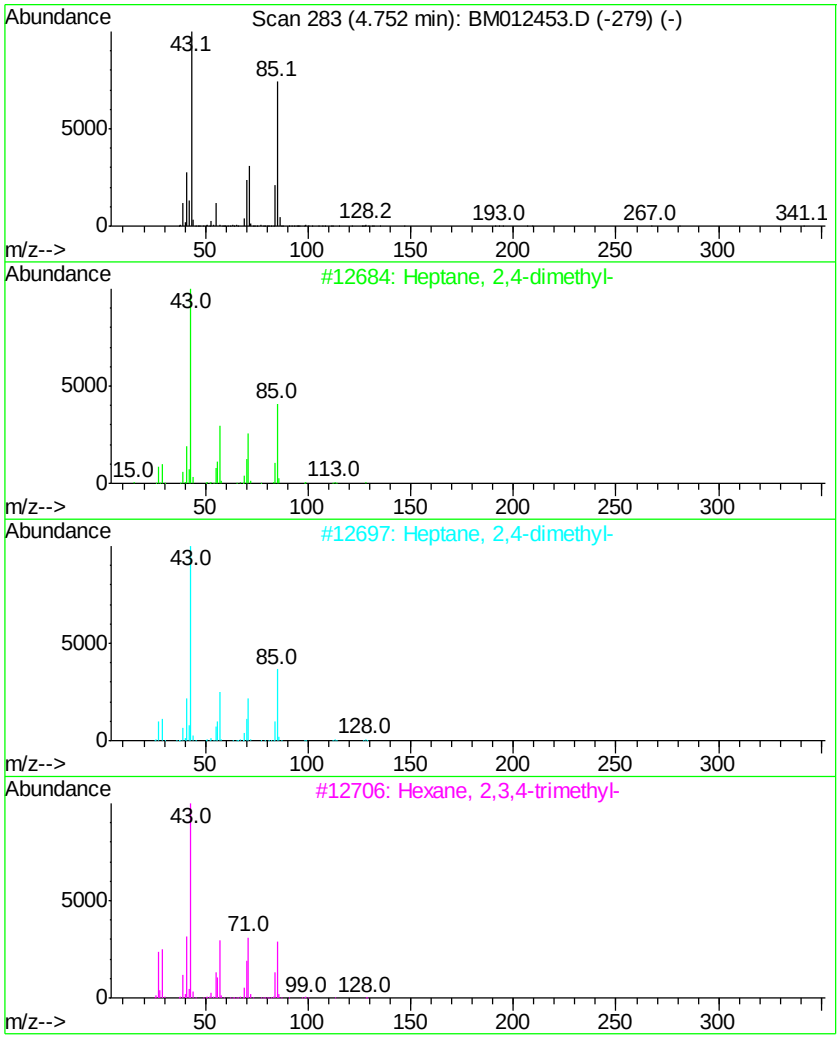
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

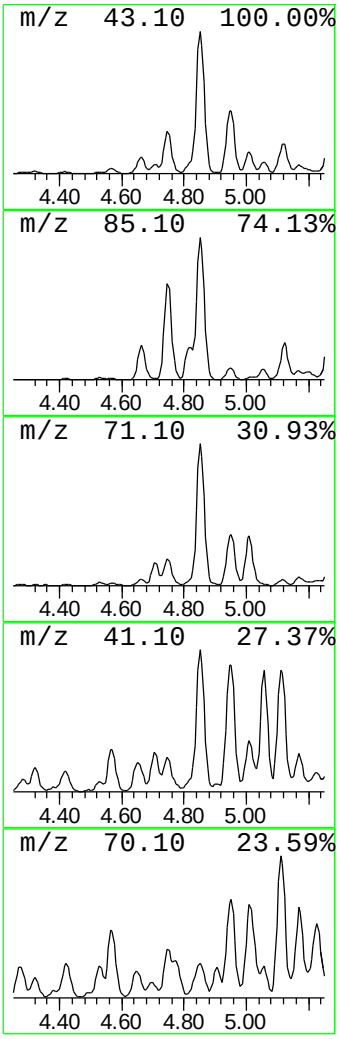
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.02 ng/ul	11778700	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53
5	Octane, 4-methyl-	128	C9H20	002216-34-4	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

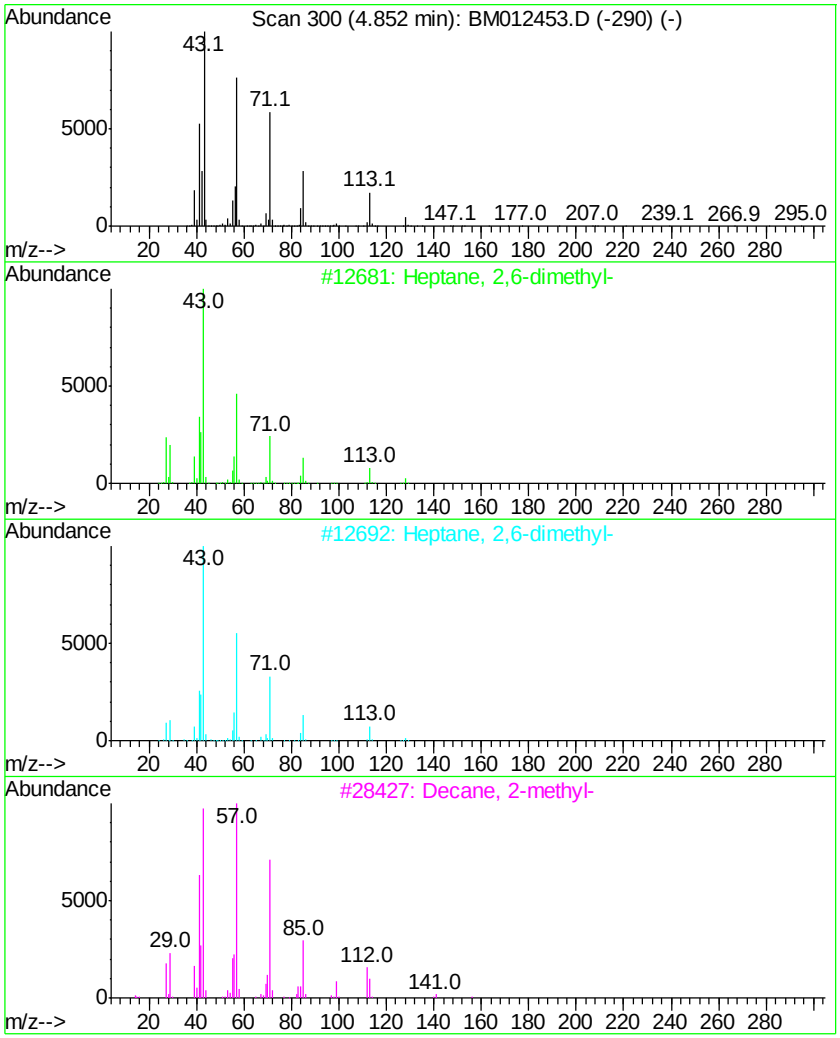
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

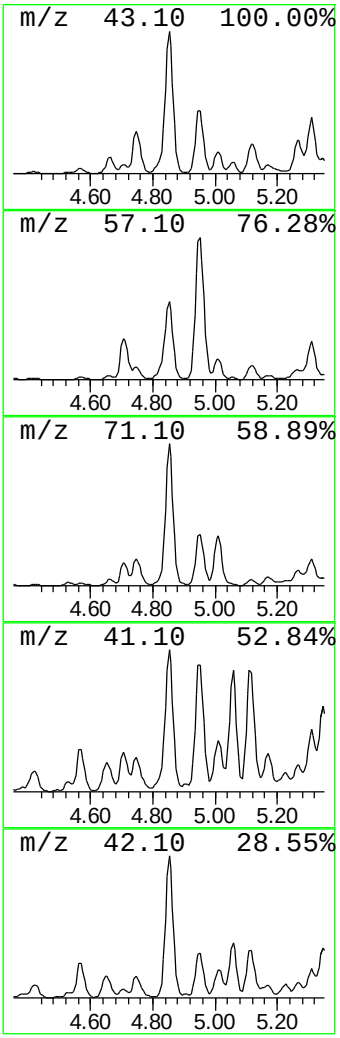
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	8.37 ng/ul	48711400	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3	Decane, 2-methyl-	156	C11H24	006975-98-0	78
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

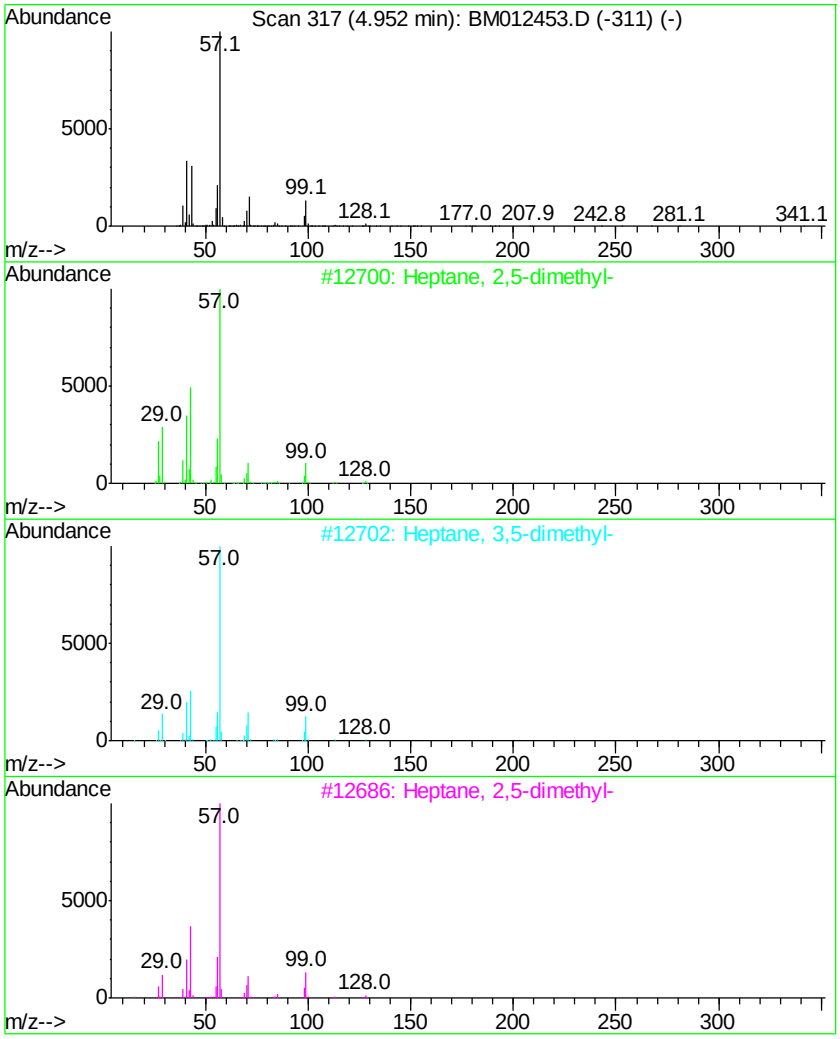
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

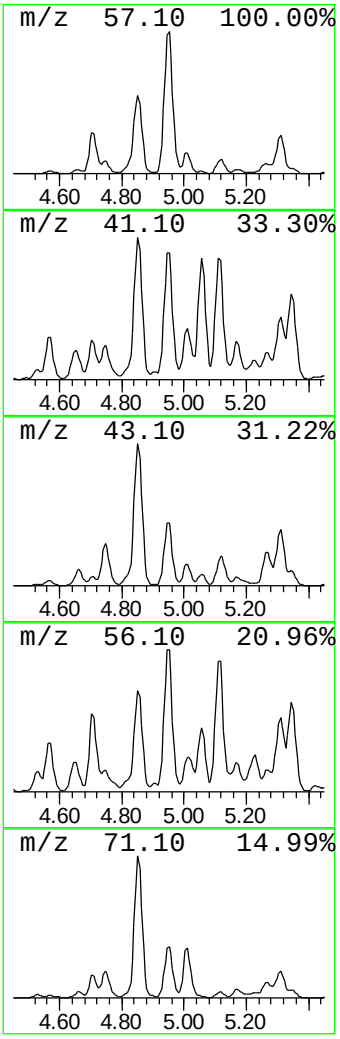
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	7.30 ng/ul	42492600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83





Library Search Compound Report

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Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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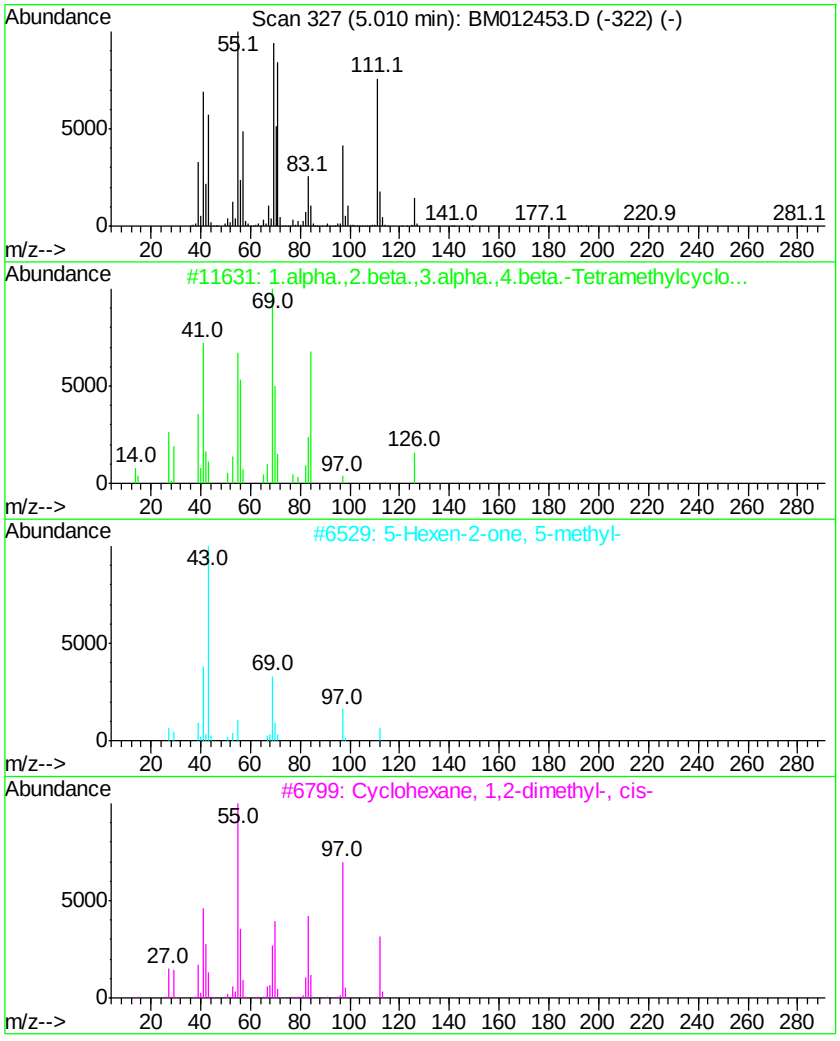
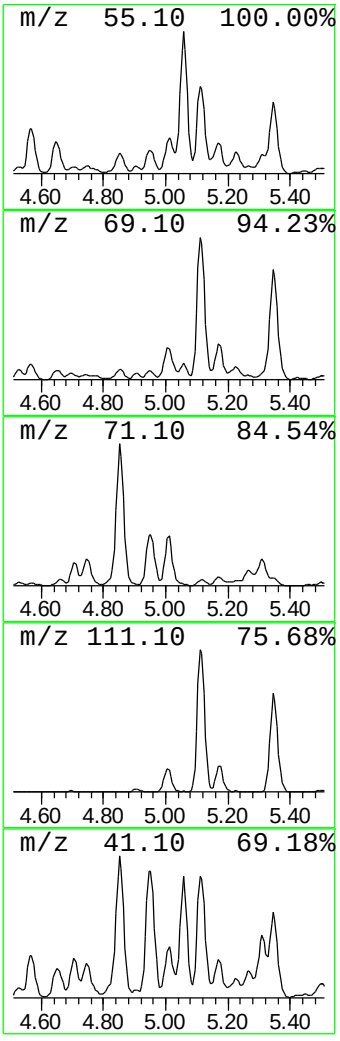
Peak Number 6 (DEL) Alkane: Cyclic5.01 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	4.23 ng/ul	24595400	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	30
2	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	27
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	25
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	25
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	25





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ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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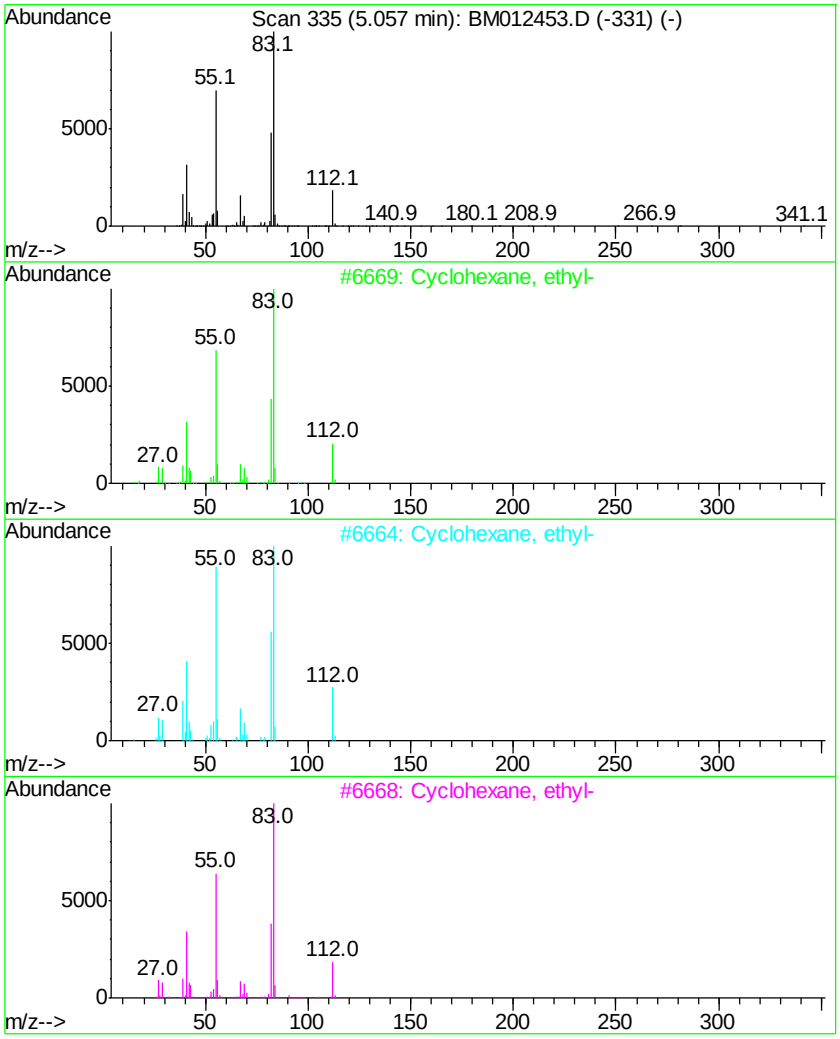
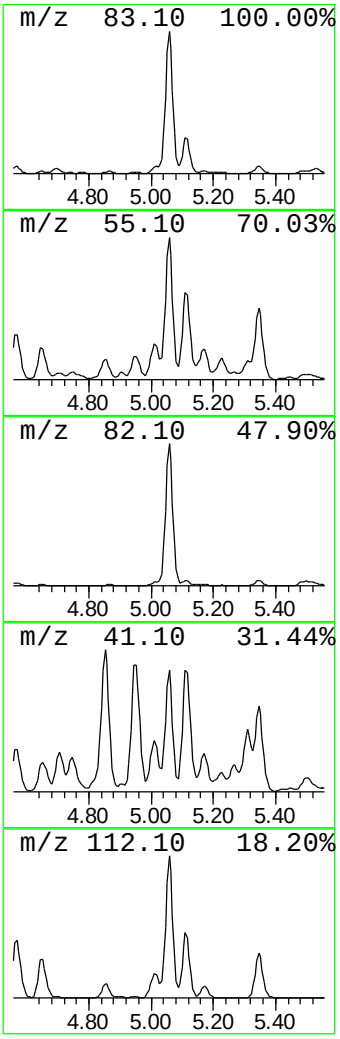
Peak Number 7 (DEL) Alkane: Cyclic5.06 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	8.21 ng/ul	47812800	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	74
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58
5	Oxalic acid, cyclohexyl isobutyl...	228	C12H20O4	1000309-30-4	53





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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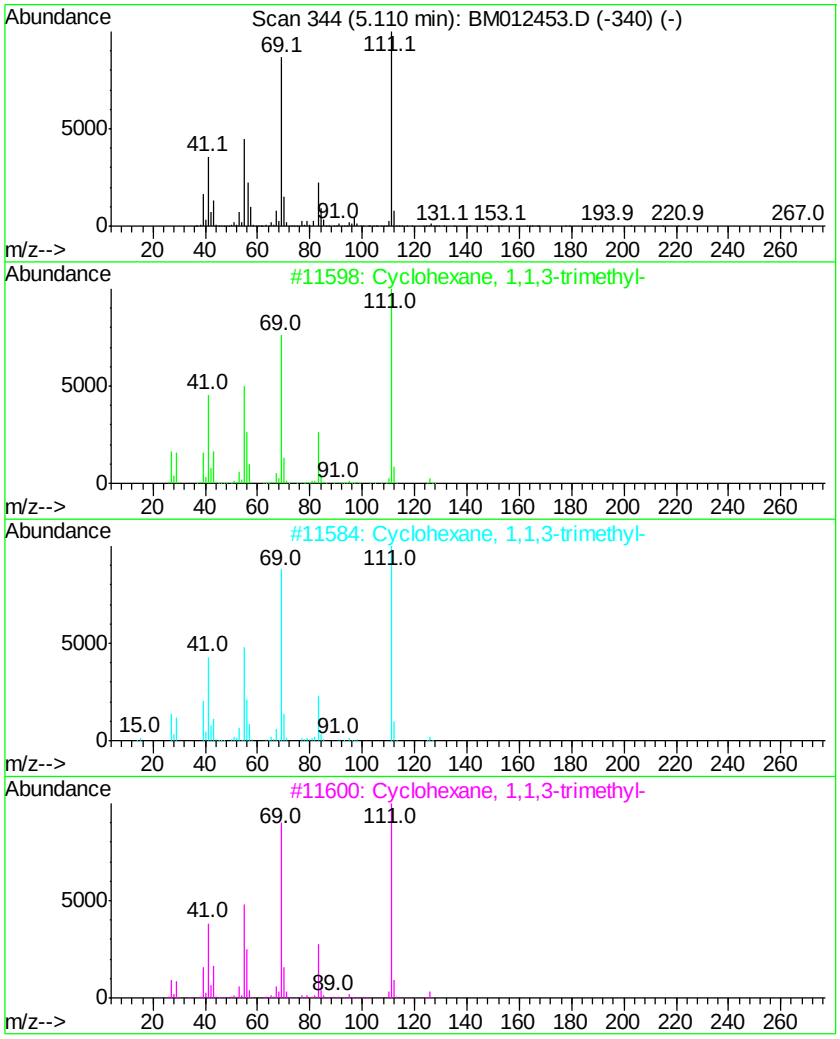
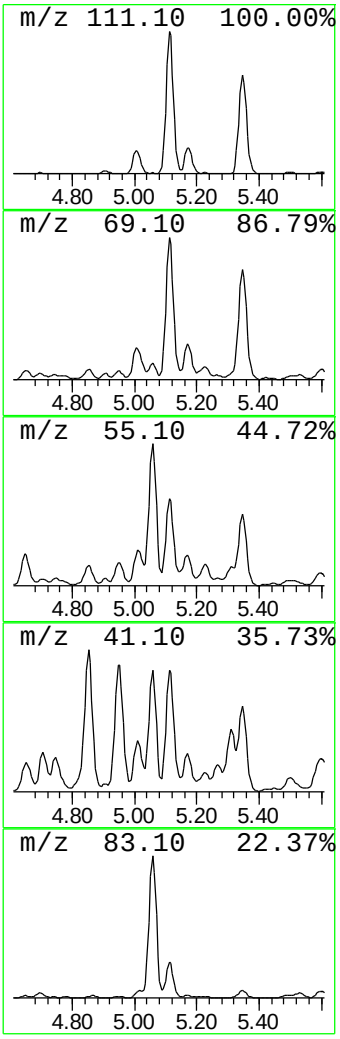
Peak Number 8 (DEL) Alkane: Cyclic5.11 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	10.08 ng/ul	58660600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	49





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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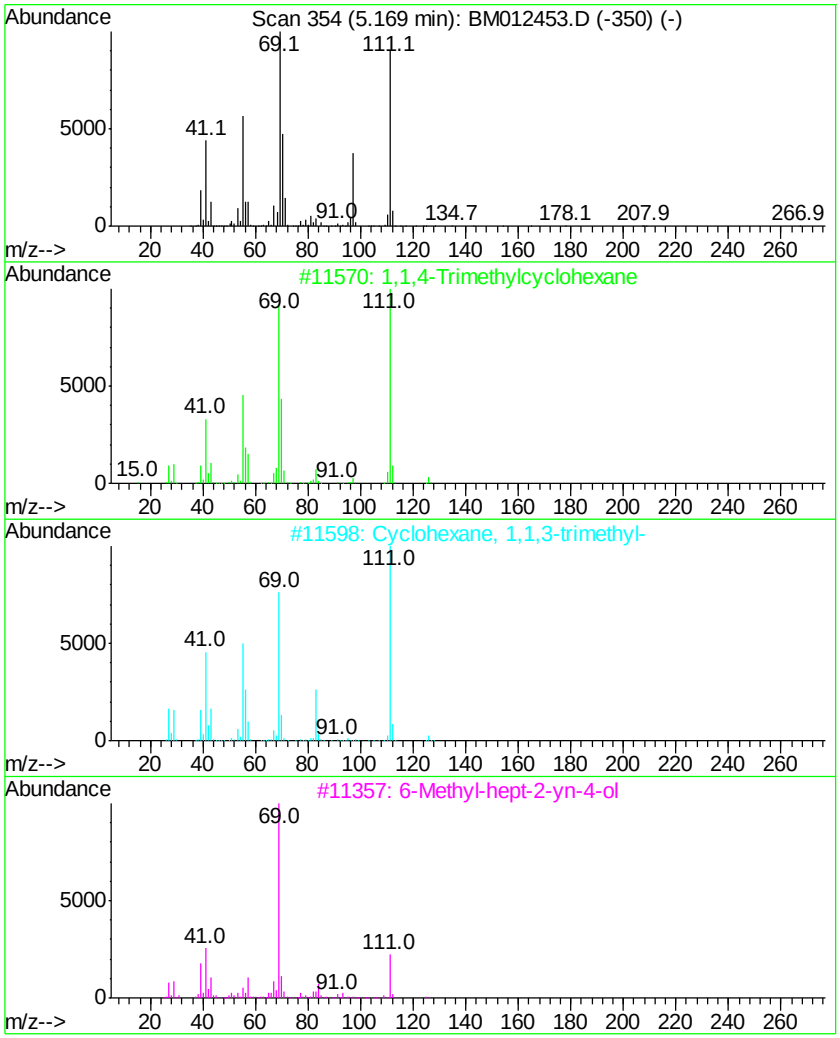
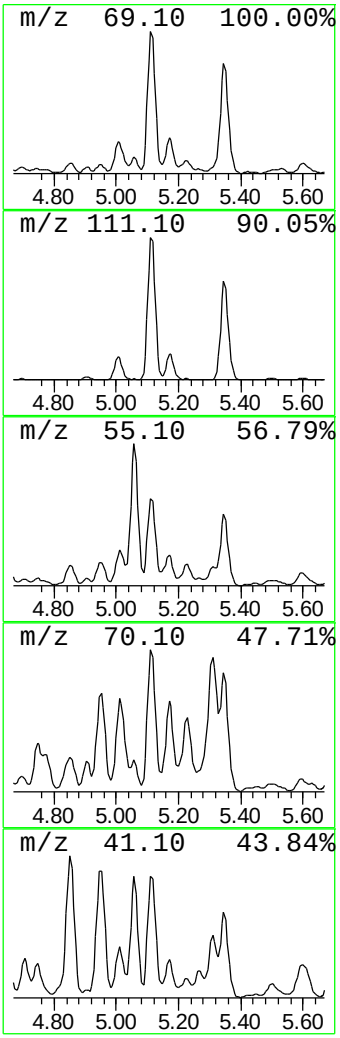
Peak Number 9 (DEL) Alkane: Cyclic5.17 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.11 ng/ul	18078300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	53
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53
5	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	50





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ALS Vial : 16 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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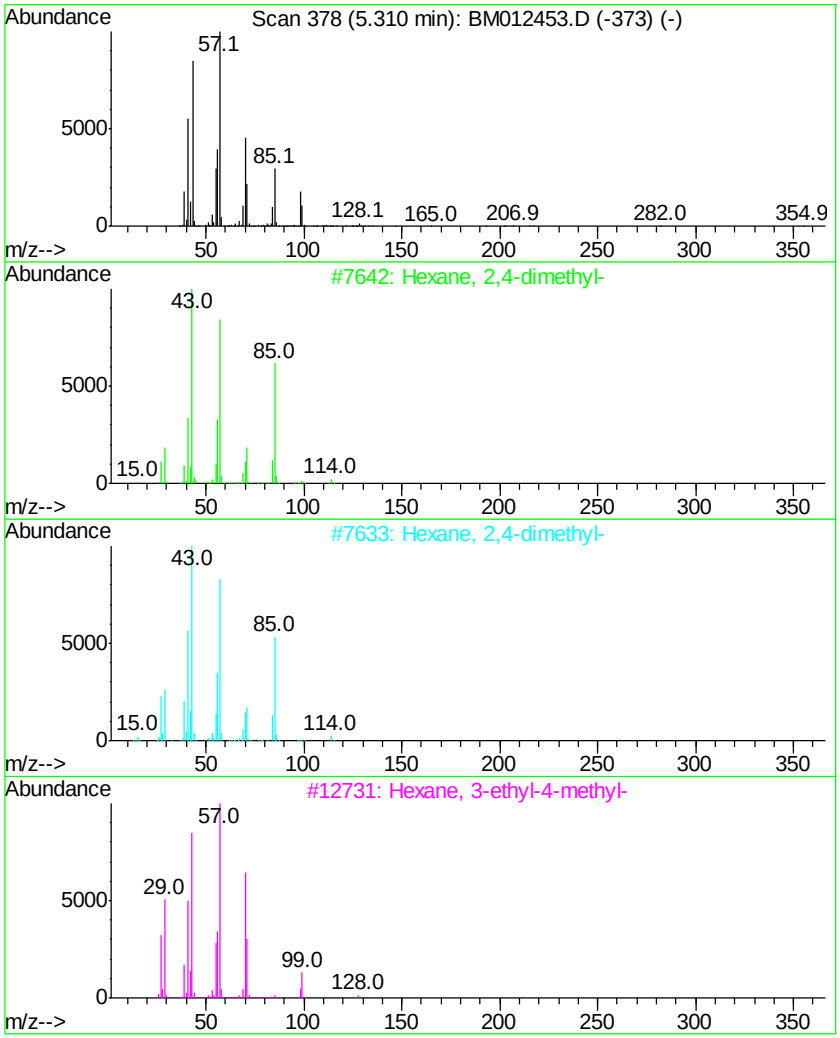
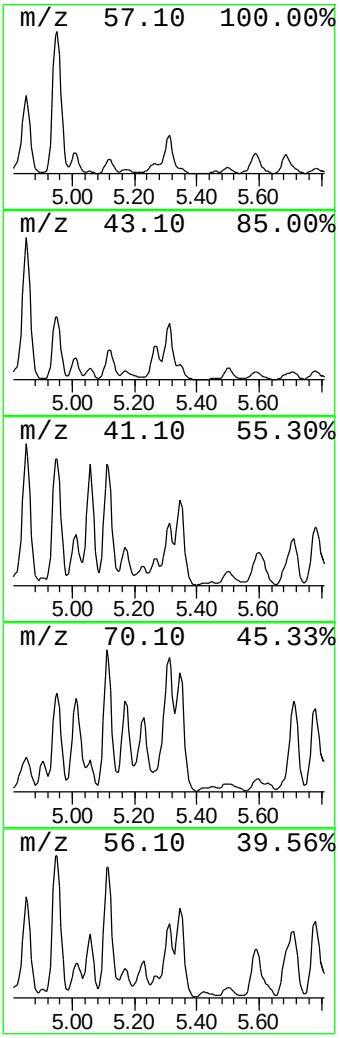
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	3.74 ng/ul	21765300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	76
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	76
3	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	64
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	58
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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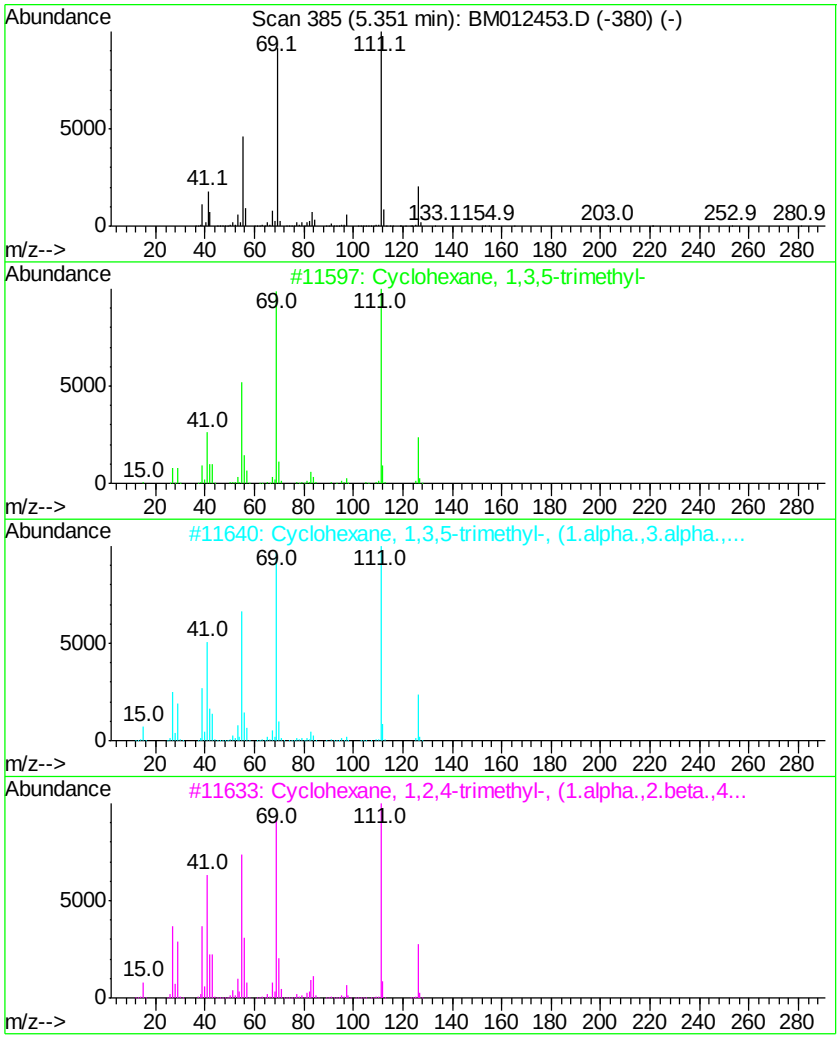
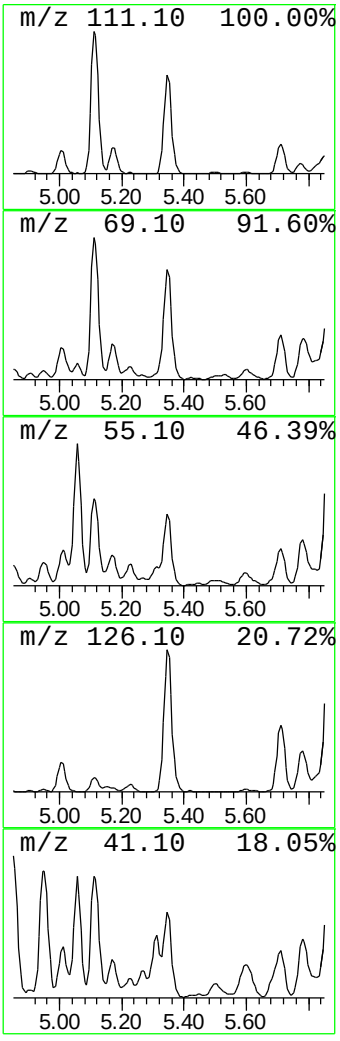
Peak Number 11 (DEL) Alkane: Cyclic5.35 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	7.37 ng/ul	42919900	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	86
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

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

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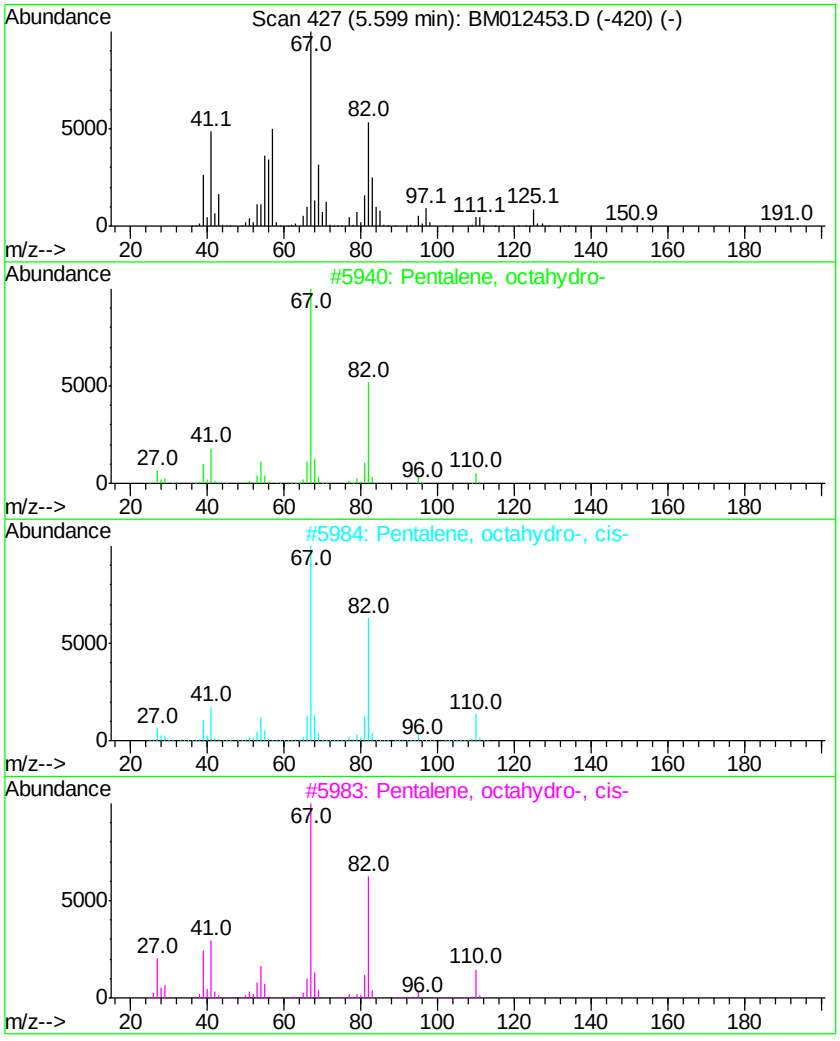
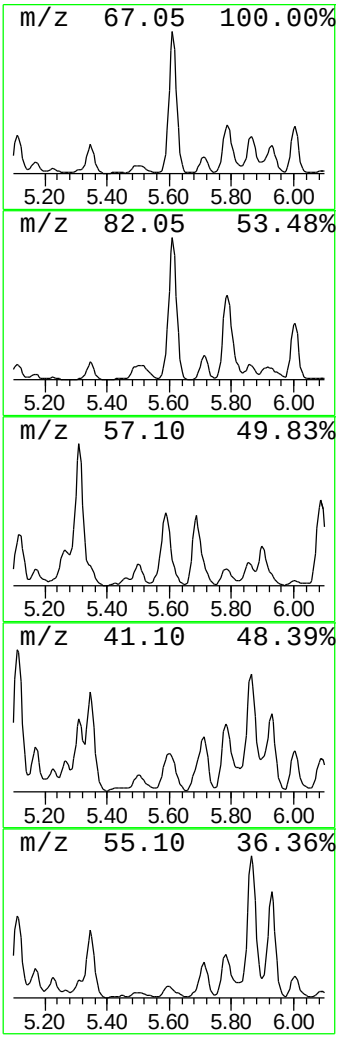
Peak Number 12 Pentalene, octahydro- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	3.92 ng/ul	22841600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	80
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
4	4-Hexen-1-ol, pentafluoropropionate	246	C9H11F5O2	1000352-72-4	59
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	53





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Quant Title : SVOA CALIBRATION

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

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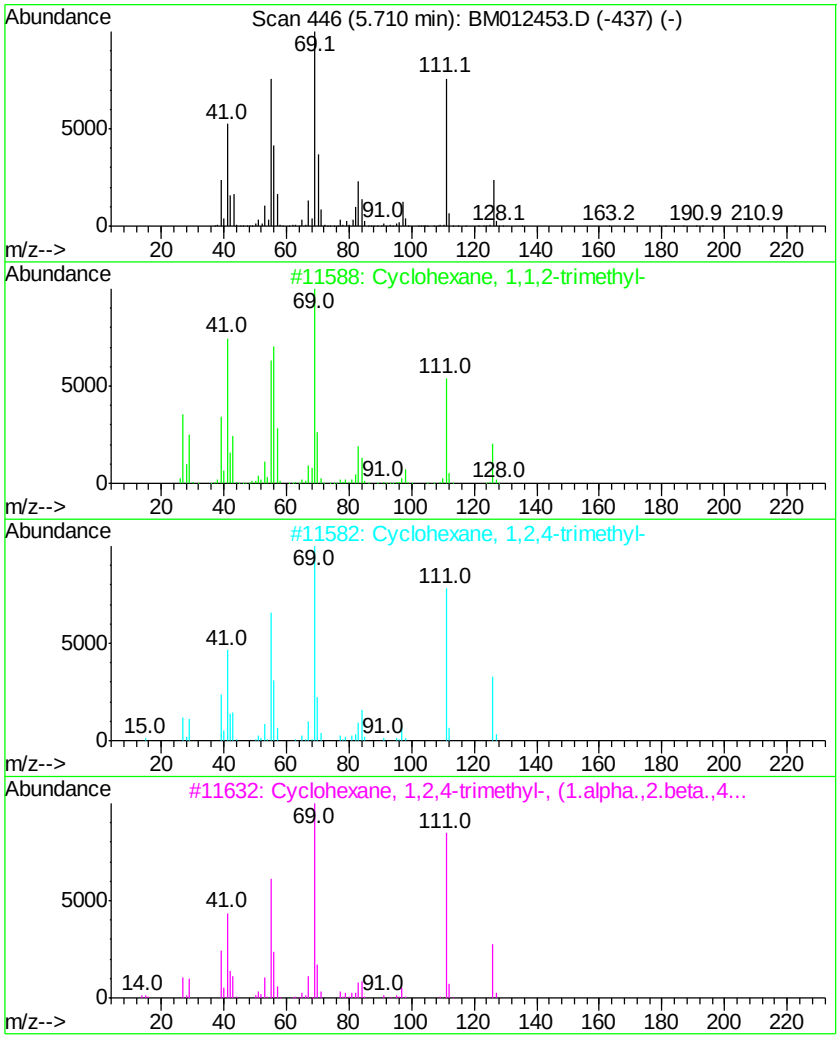
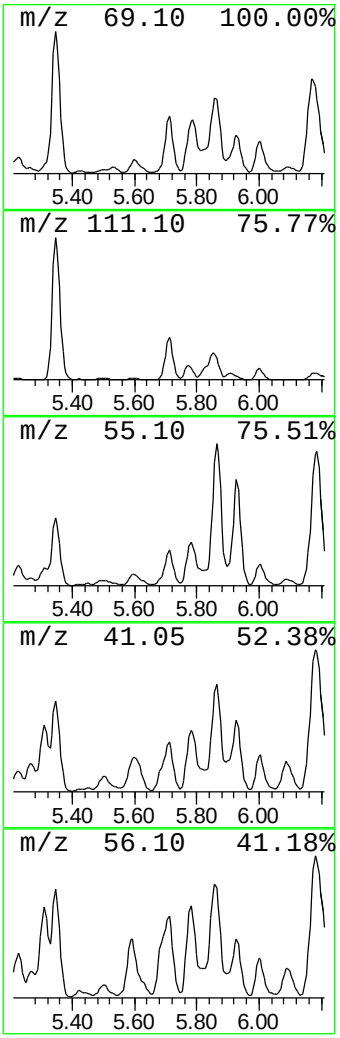
Peak Number 13 (DEL) Alkane: Cyclic5.71 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	4.47 ng/ul	26024700	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	90
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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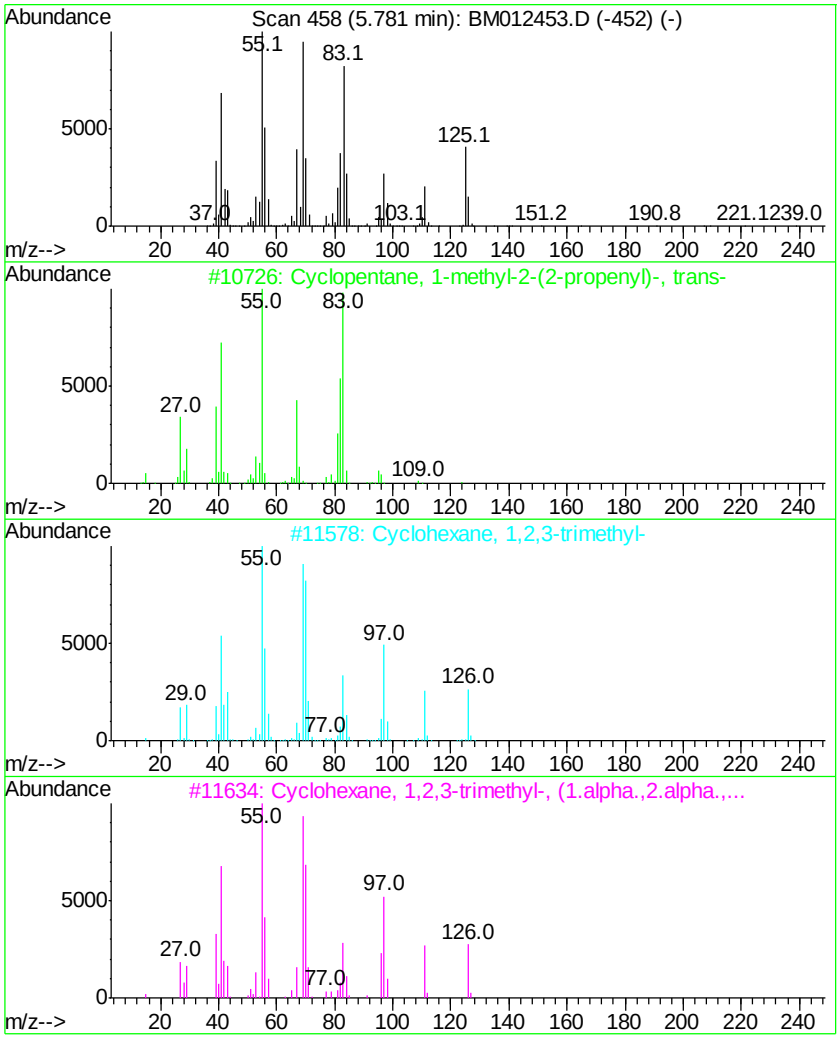
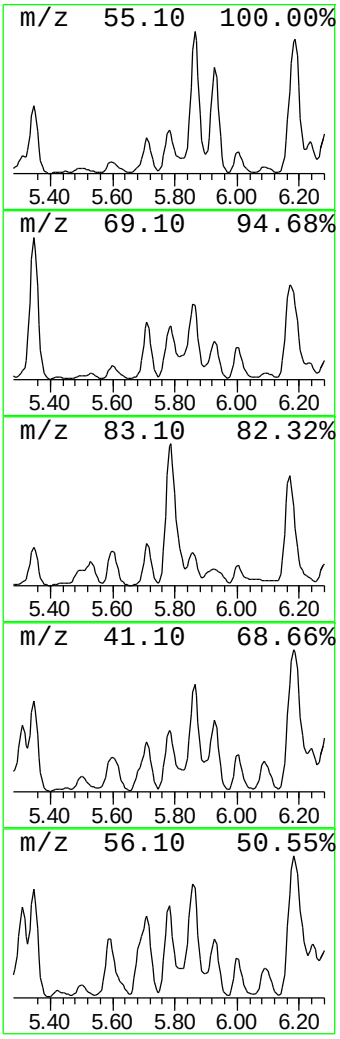
Peak Number 14 Cyclopentane, 1-methyl-2-(2... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	6.25 ng/ul	36376300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	70
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	46
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	43
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	42





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ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

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

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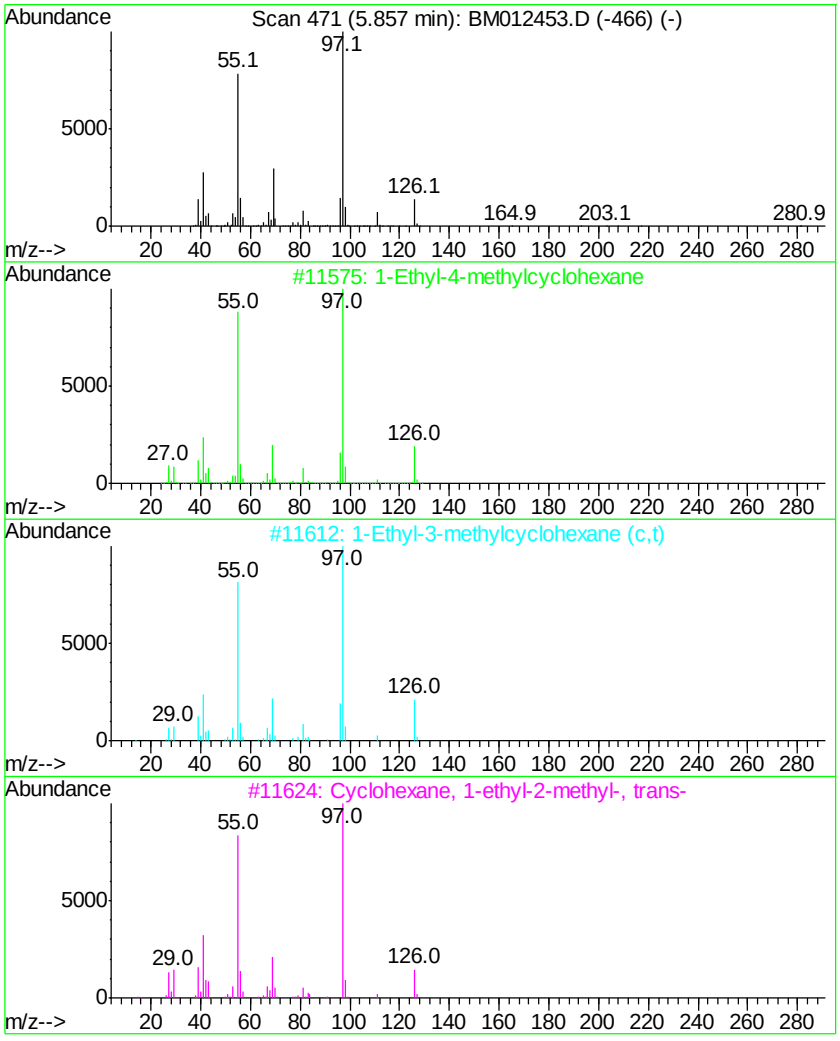
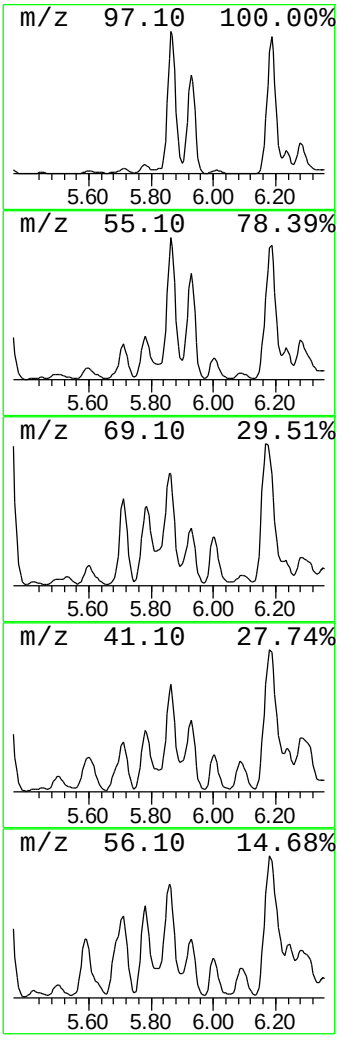
Peak Number 15 (DEL) Alkane: Cyclic5.86 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	7.37 ng/ul	42900800	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	83





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

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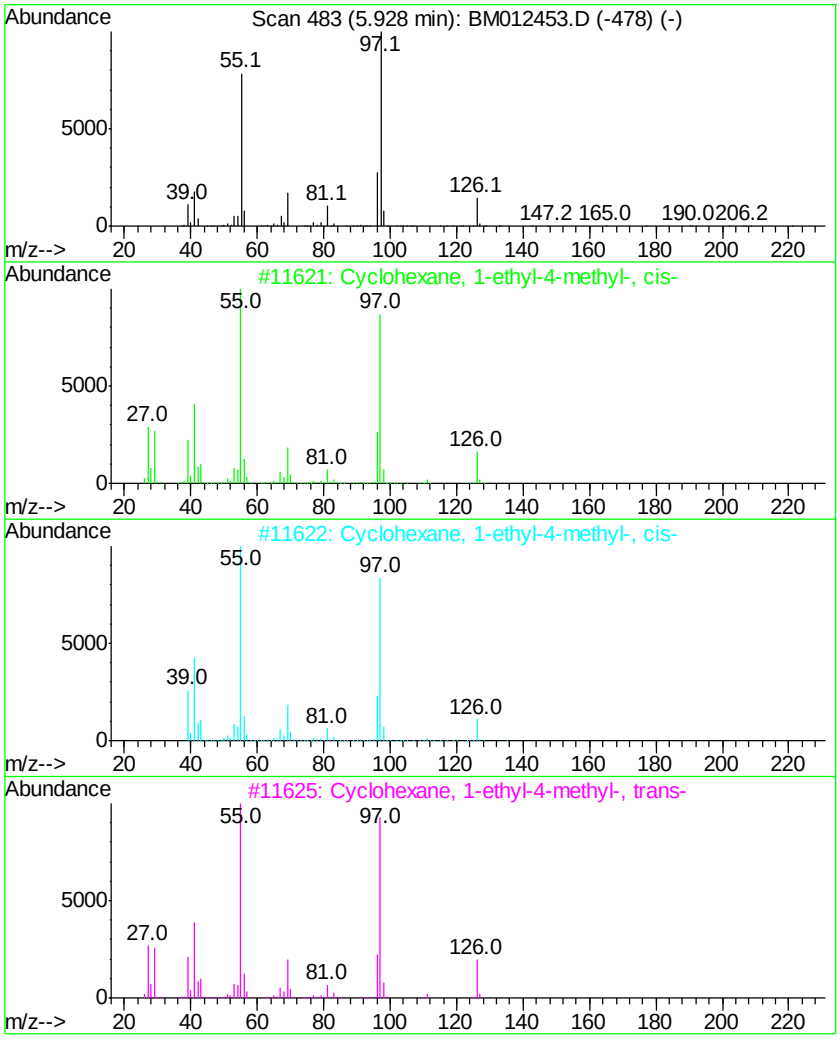
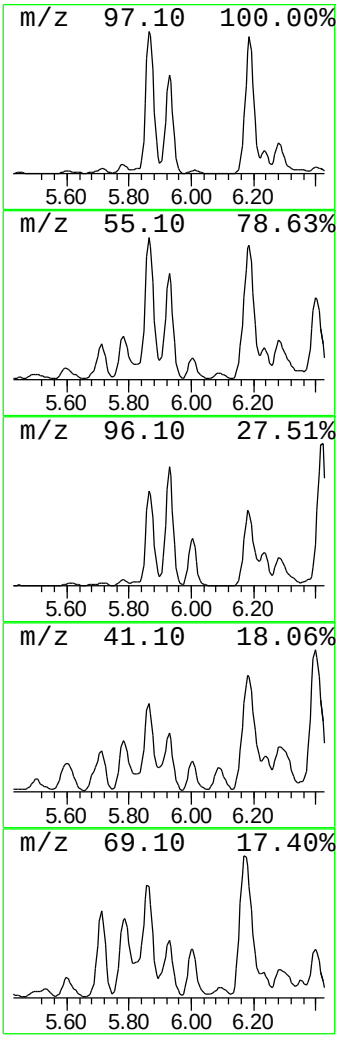
Peak Number 16 (DEL) Alkane: Cyclic5.93 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	6.63 ng/ul	38585400	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90





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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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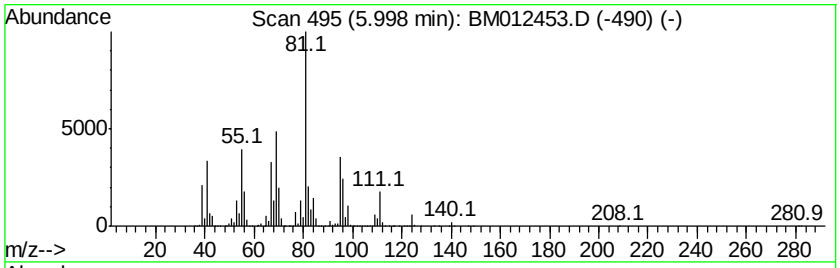
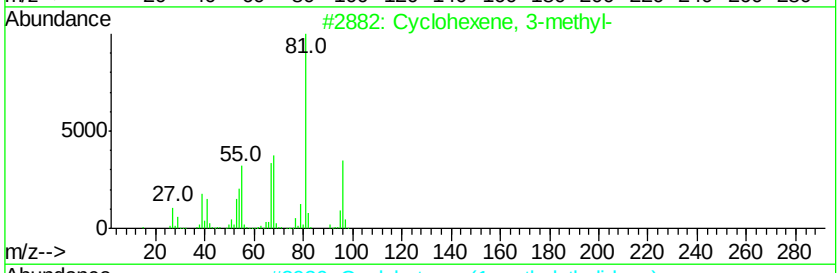
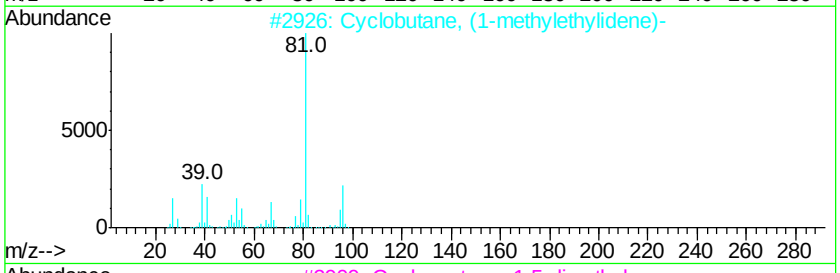
Peak Number 17 Cyclohexene, 3-methyl- Concentration Rank 68

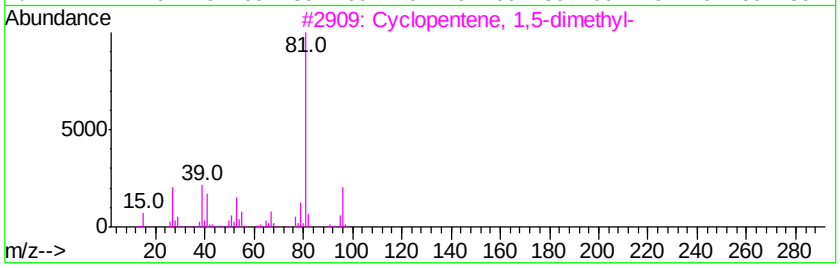
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	3.80 ng/ul	22105400	1,4-Dichlorobenzene-d4	7.90

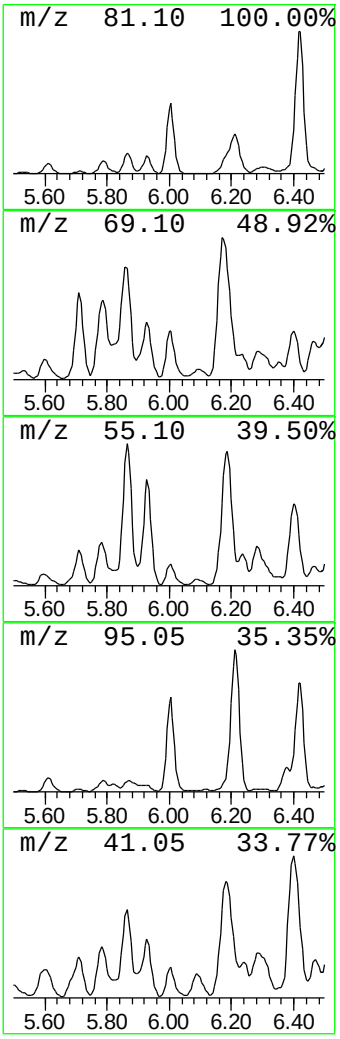
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	58
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	49
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	46
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	46
5	2-n-Butyl furan	124	C8H12O	004466-24-4	43











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Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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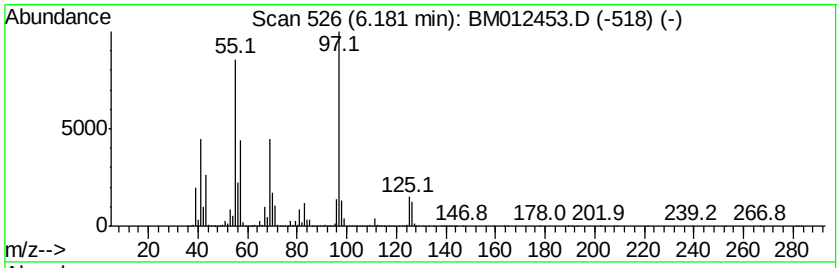
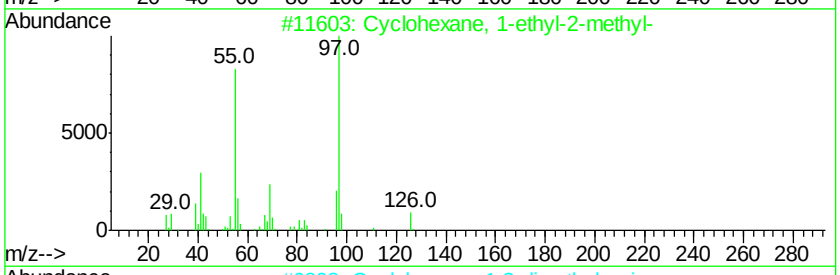
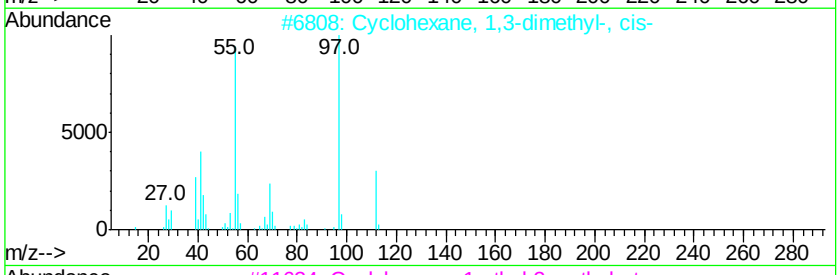
Peak Number 18 (DEL) Alkane: Cyclic6.18 Concentration Rank 27

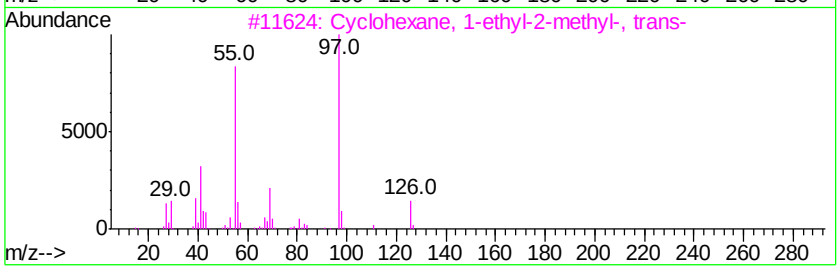
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	17.48 ng/ul	101748000	1,4-Dichlorobenzene-d4	7.90

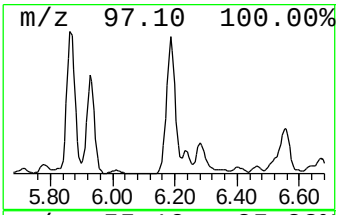
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	59

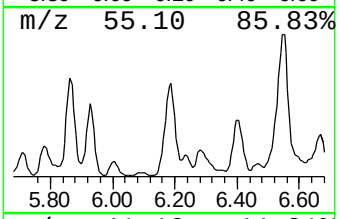


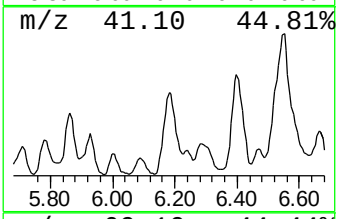


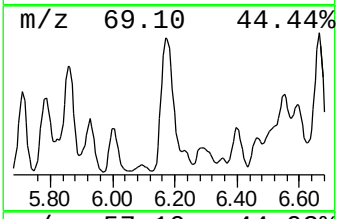


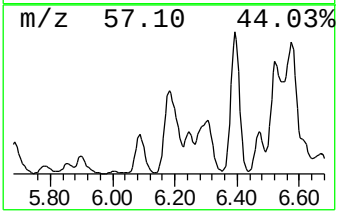












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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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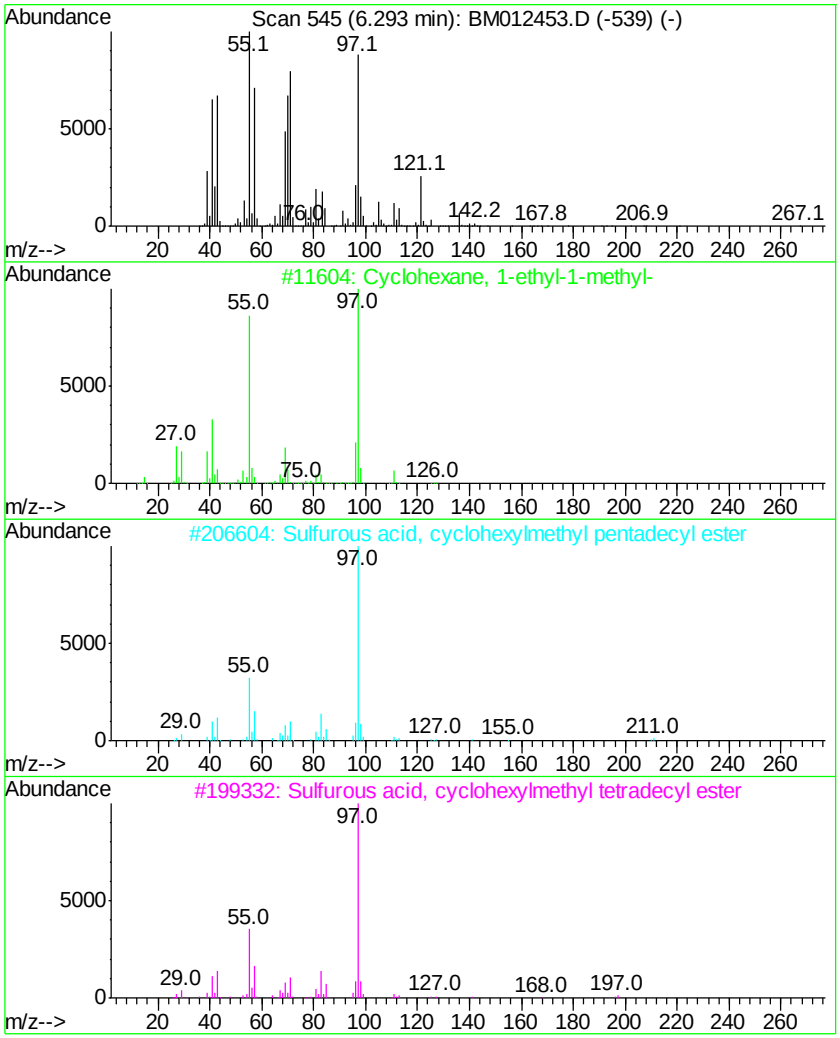
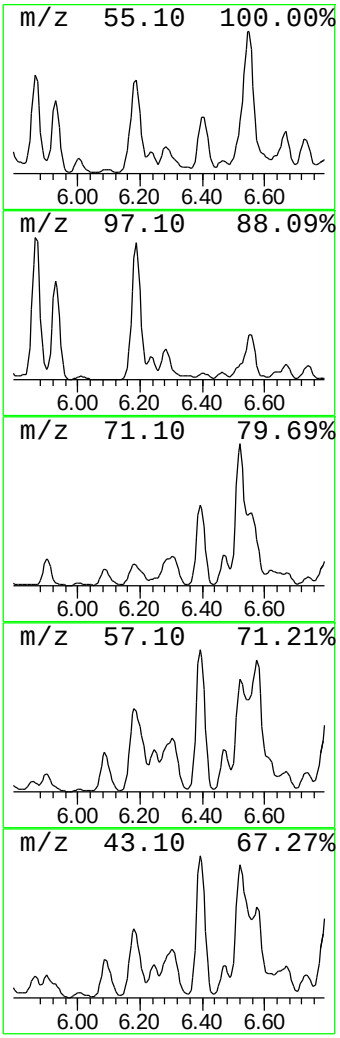
Peak Number 19 (DEL) Alkane: Cyclic6.29 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	5.23 ng/ul	30425000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	47
3	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	43
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	43
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	38





Library Search Compound Report

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Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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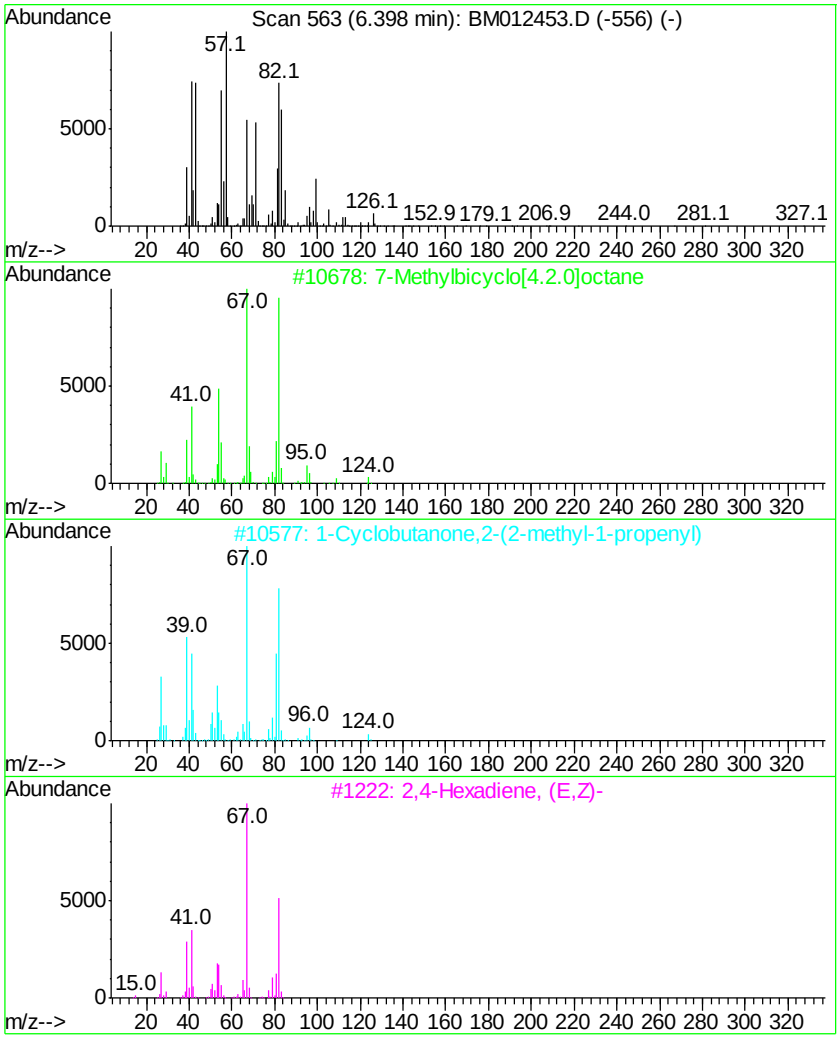
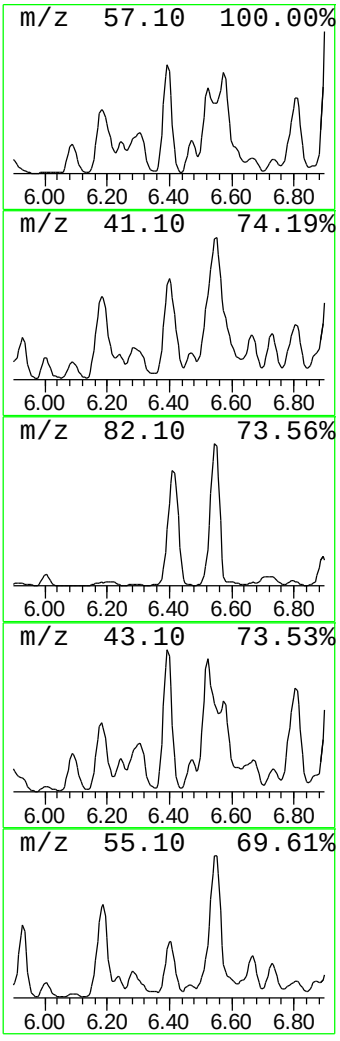
Peak Number 20 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	18.35 ng/ul	106829000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	45
2	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	43
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	38
4	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	35
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	25





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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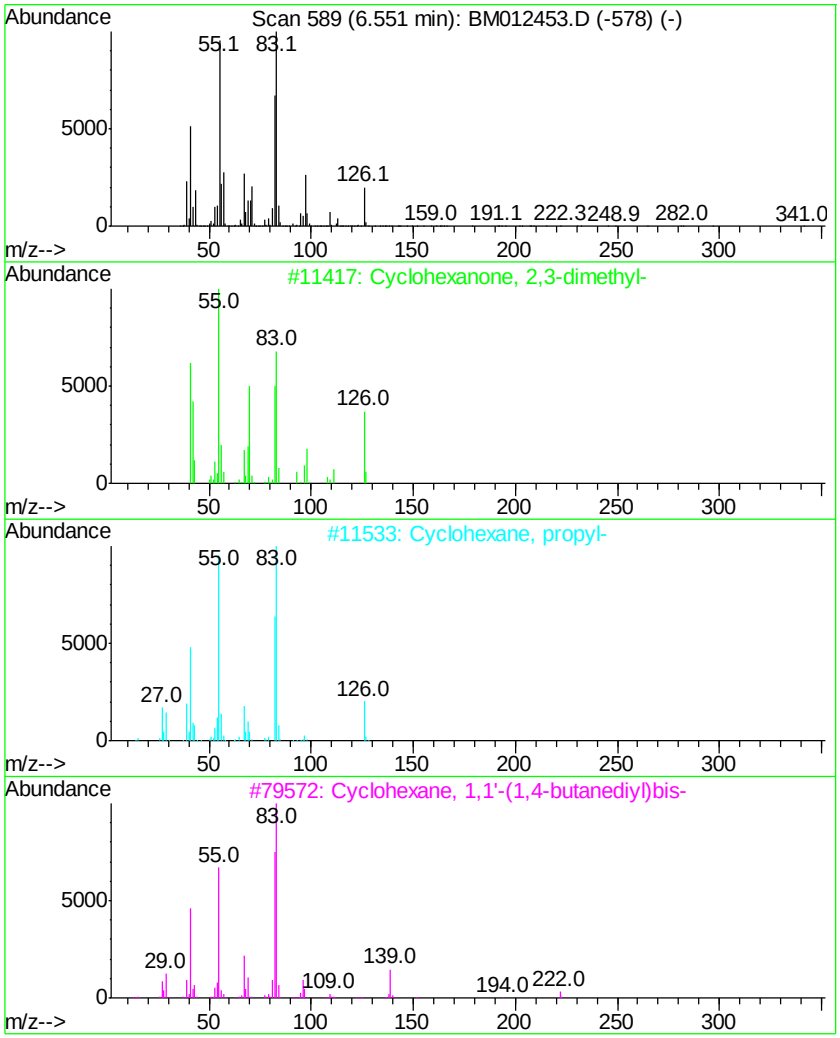
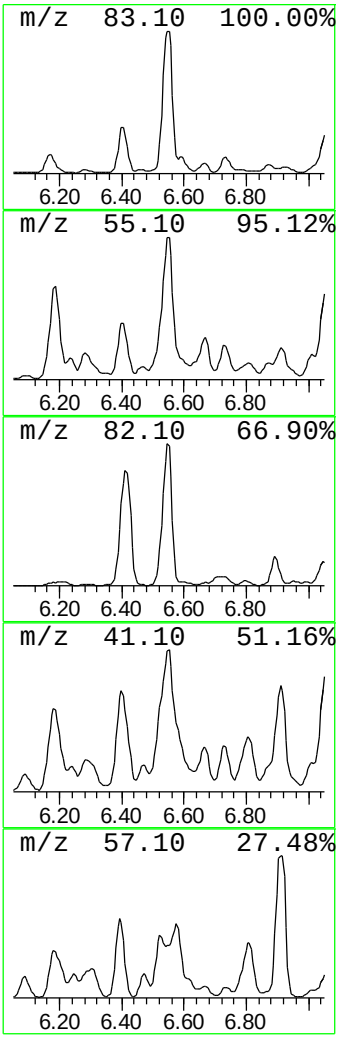
Peak Number 21 Cyclohexanone, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	30.41 ng/ul	176970000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	70
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	68





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Sample : I5719-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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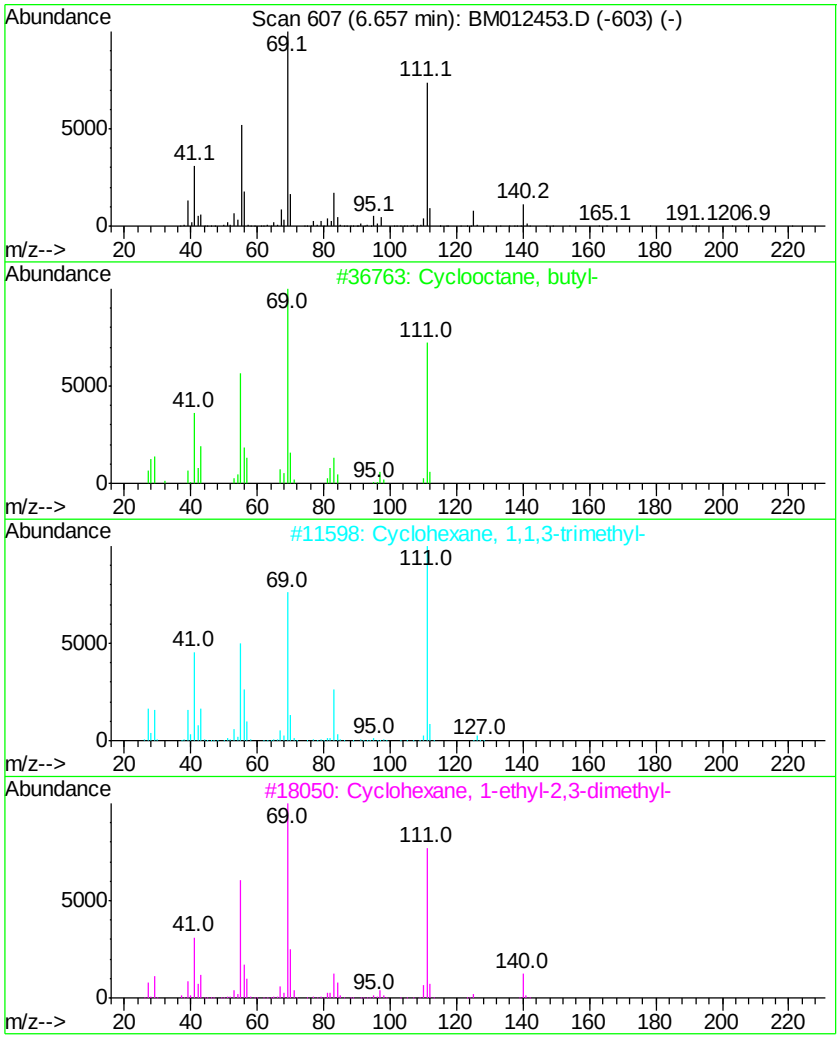
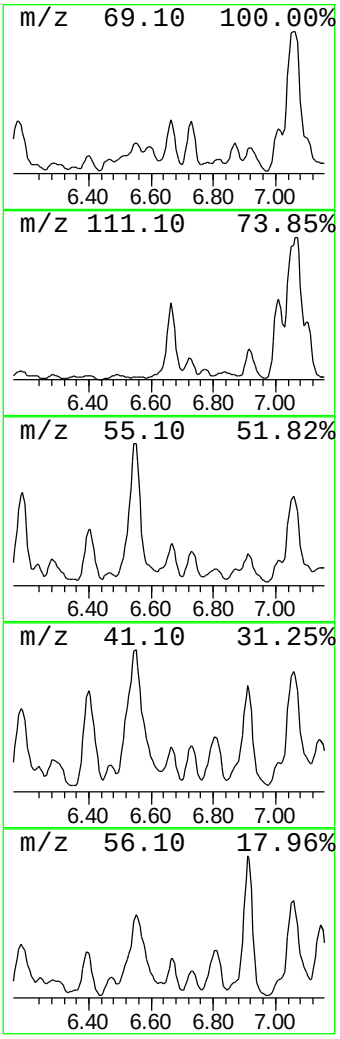
Peak Number 22 (DEL) Alkane: Cyclic6.66 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	4.50 ng/ul	26166500	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	86
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	80
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64
5	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59





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Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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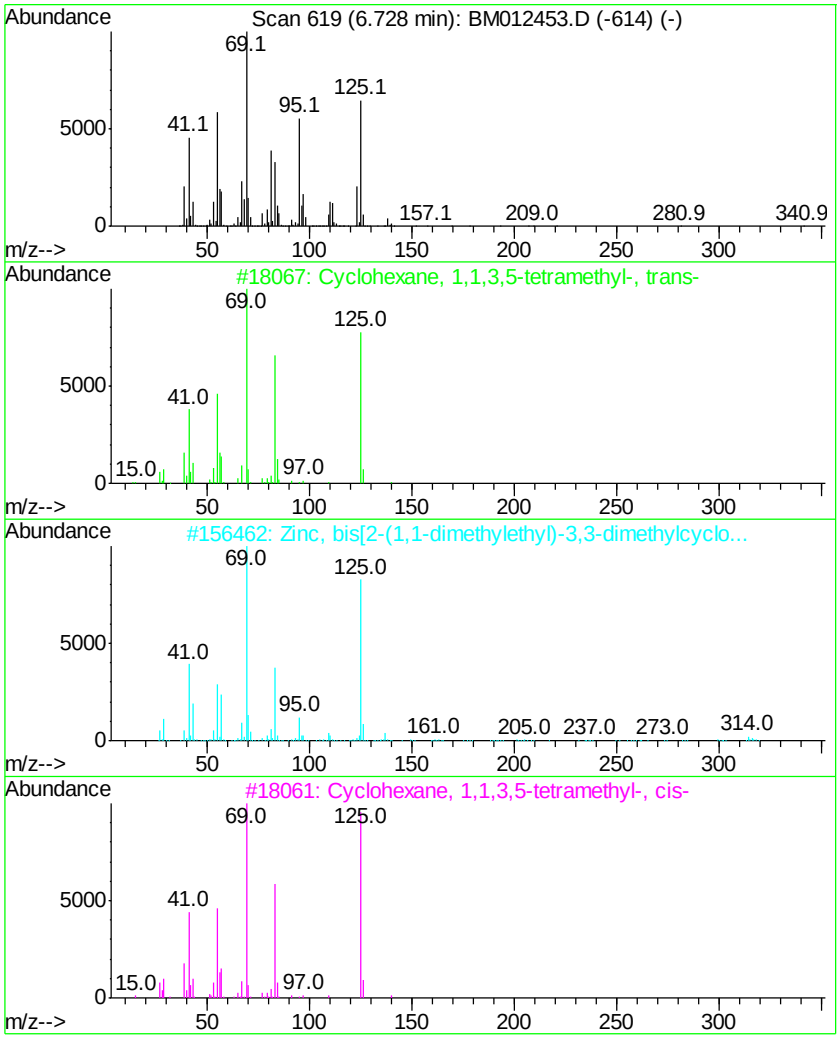
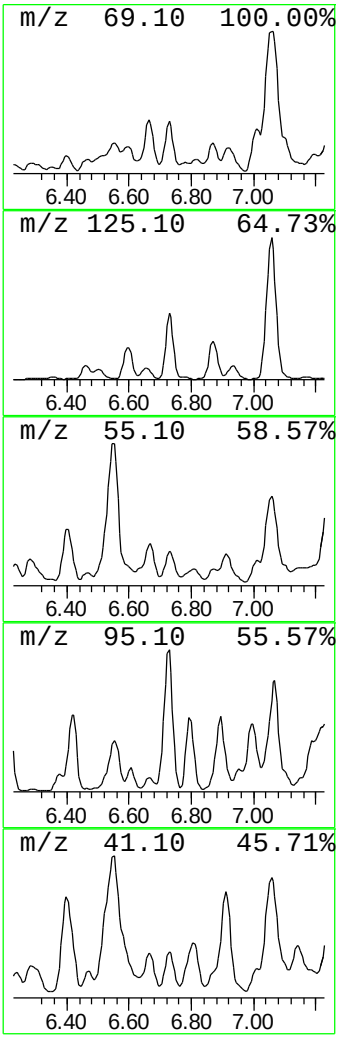
Peak Number 23 (DEL) Alkane: Cyclic6.73 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	6.12 ng/ul	35610200	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	47
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
4	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35





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ClientSampleId :
B-36(3-3.7)-100417

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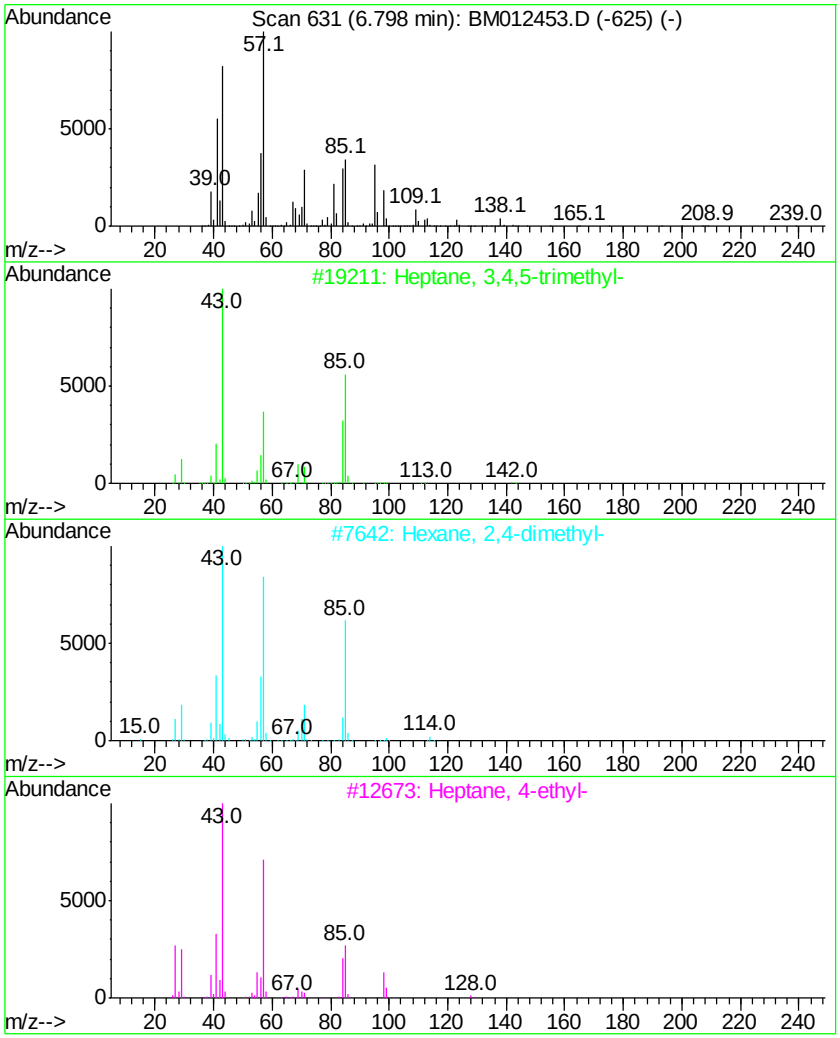
Quant Title : SVOA CALIBRATION

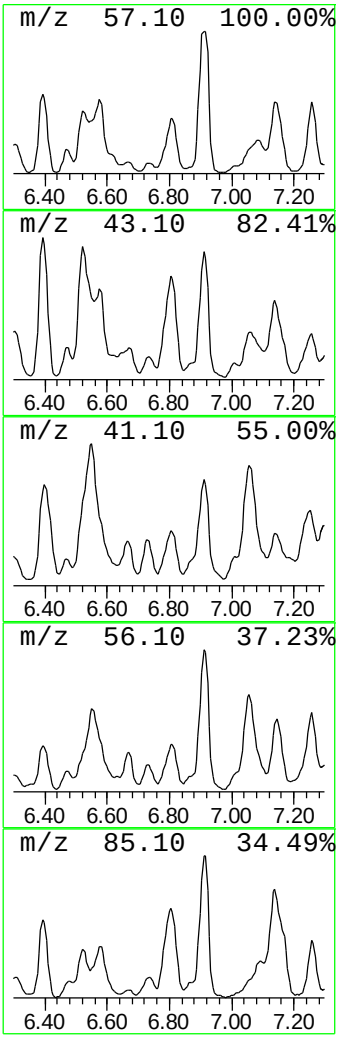
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	6.42 ng/ul	37388800	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	52
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	46
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Nonane	128	C9H20	000111-84-2	35





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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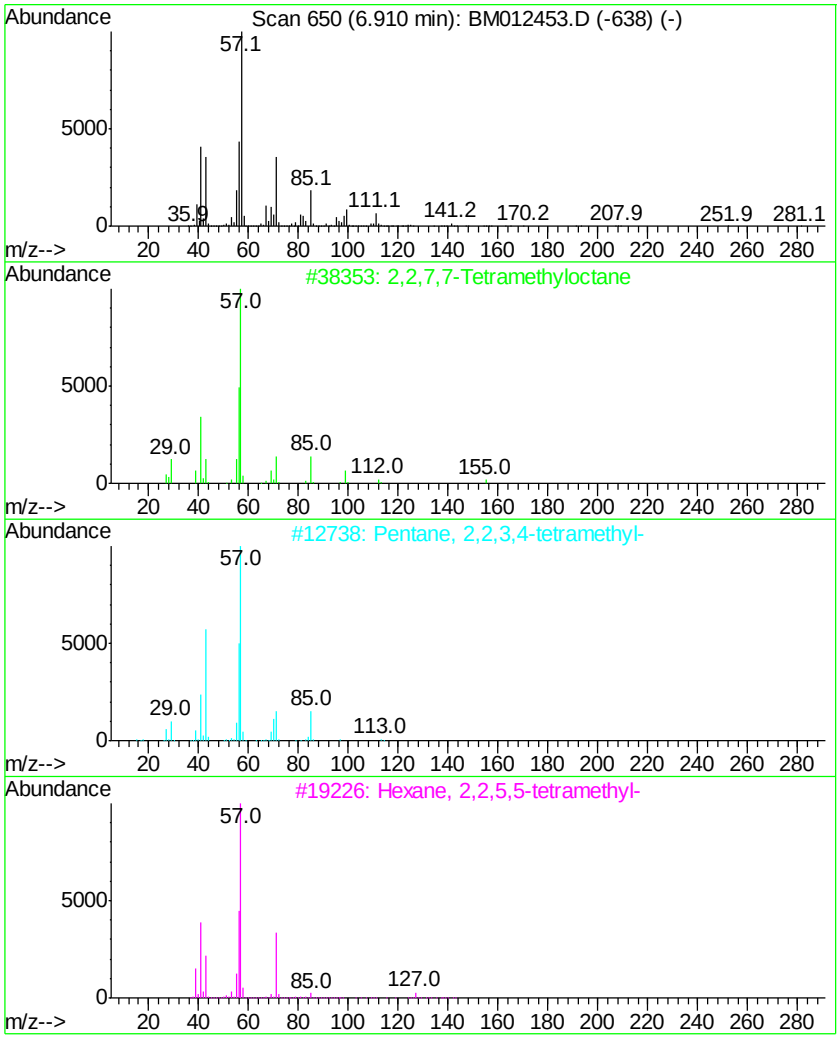
Quant Title : SVOA CALIBRATION

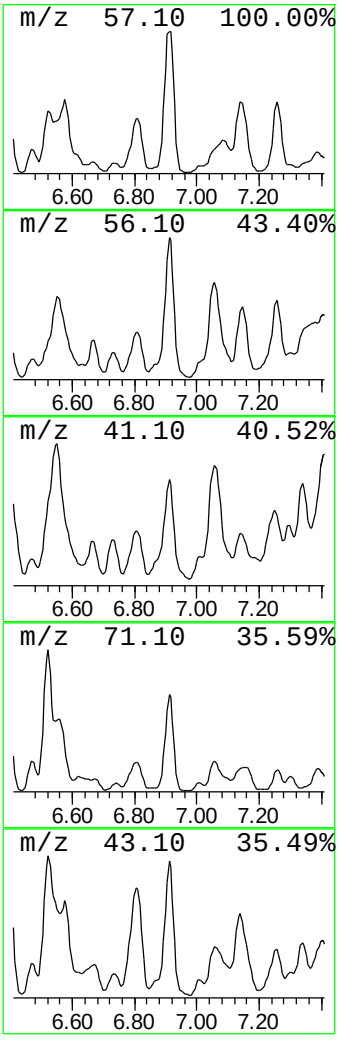
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	16.87 ng/ul	98180600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47





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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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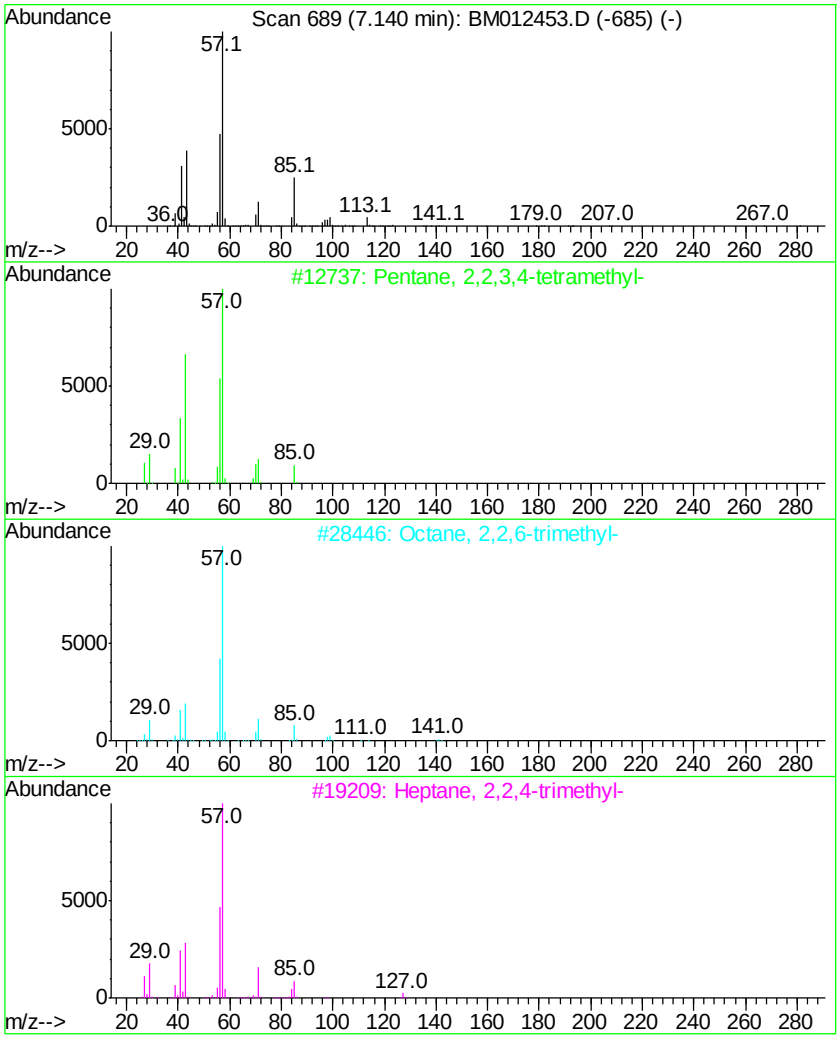
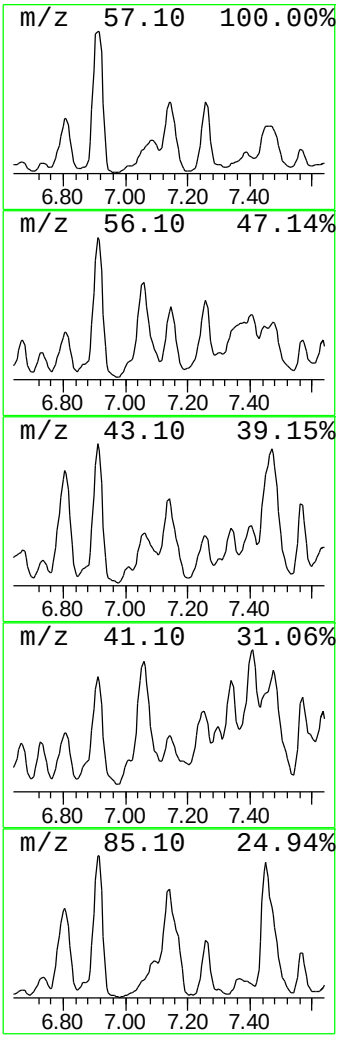
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	2.20 ng/ul	12827300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





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Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

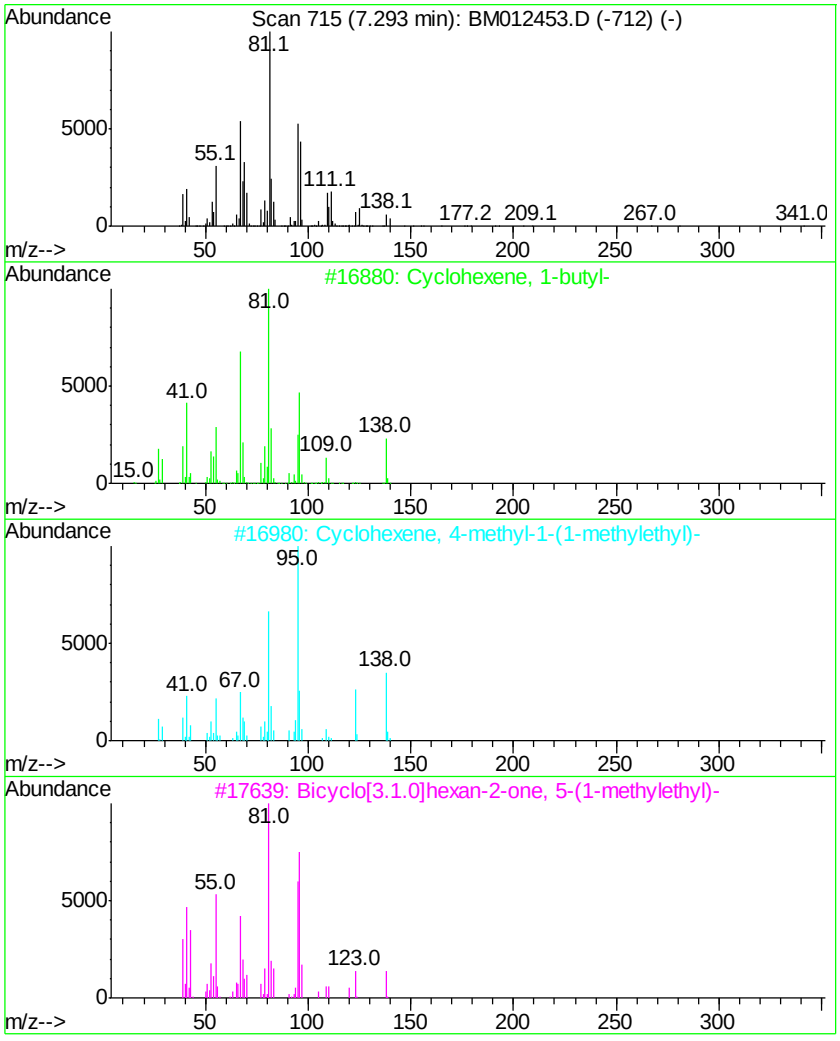
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

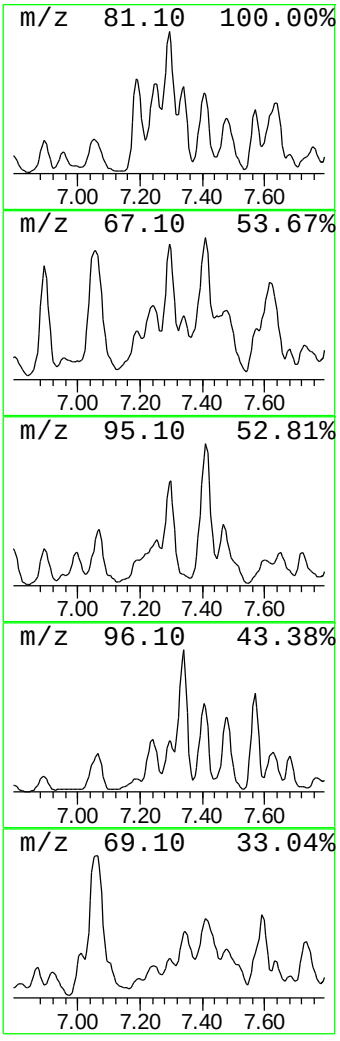
****

Peak Number 27 Cyclohexene, 1-butyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.80 ng/ul	33745800	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	94
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	68
3	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	55
5	4,5-Nonadiene	124	C9H16	000821-74-9	53





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Sample : I5719-02
Misc :
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ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

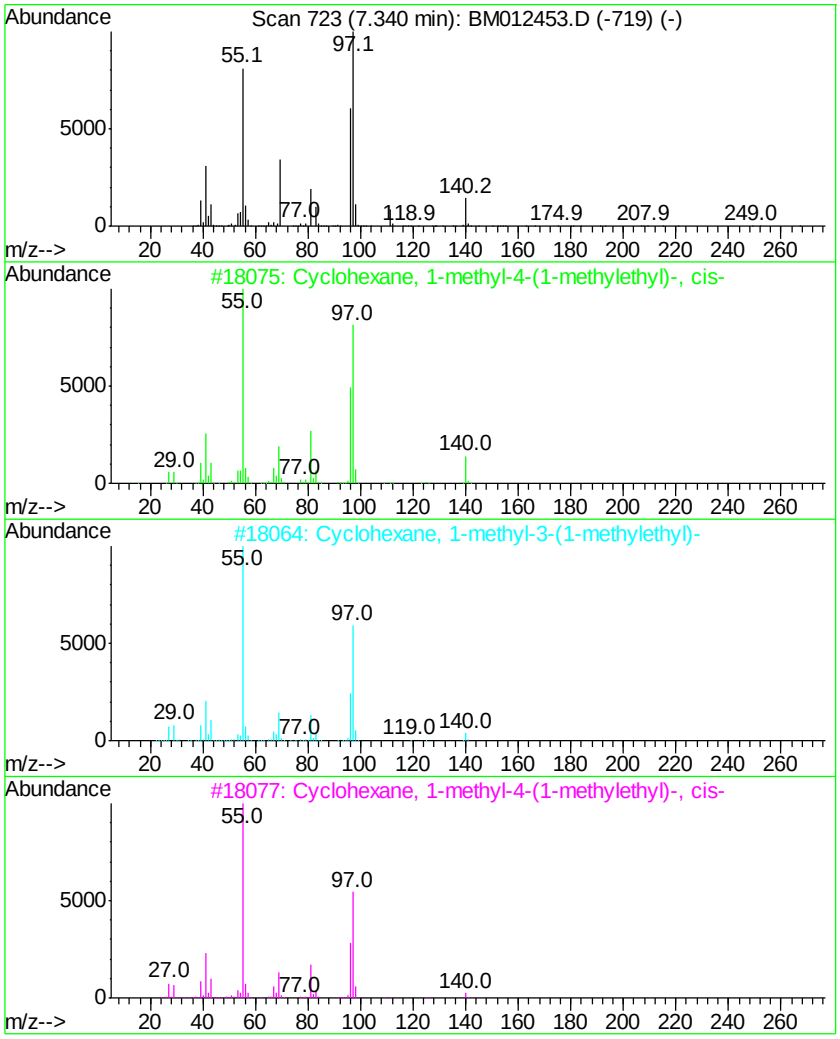
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

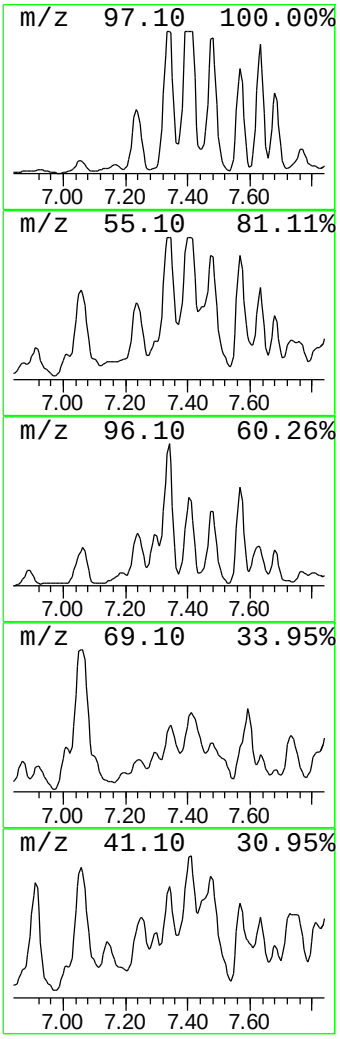
****

Peak Number 28 (DEL) Alkane: Cyclic7.34 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	11.19 ng/ul	65130900	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	90
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	83
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	83
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	83
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83





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ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

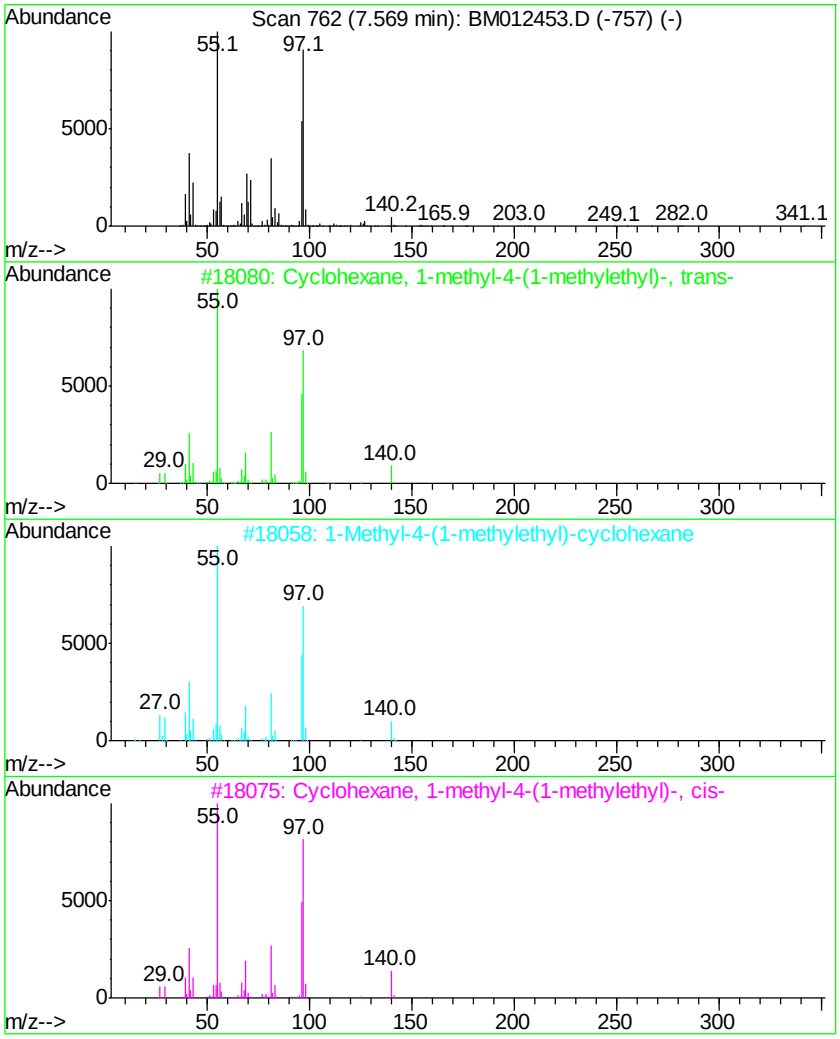
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

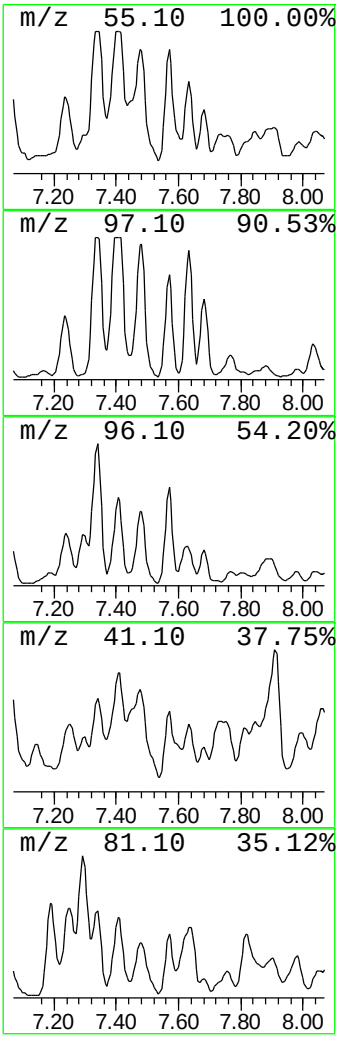
****

Peak Number 29 (DEL) Alkane: Cyclic7.57 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	15.19 ng/ul	88401900	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	93
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	81
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	81
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	70
5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	68





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ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

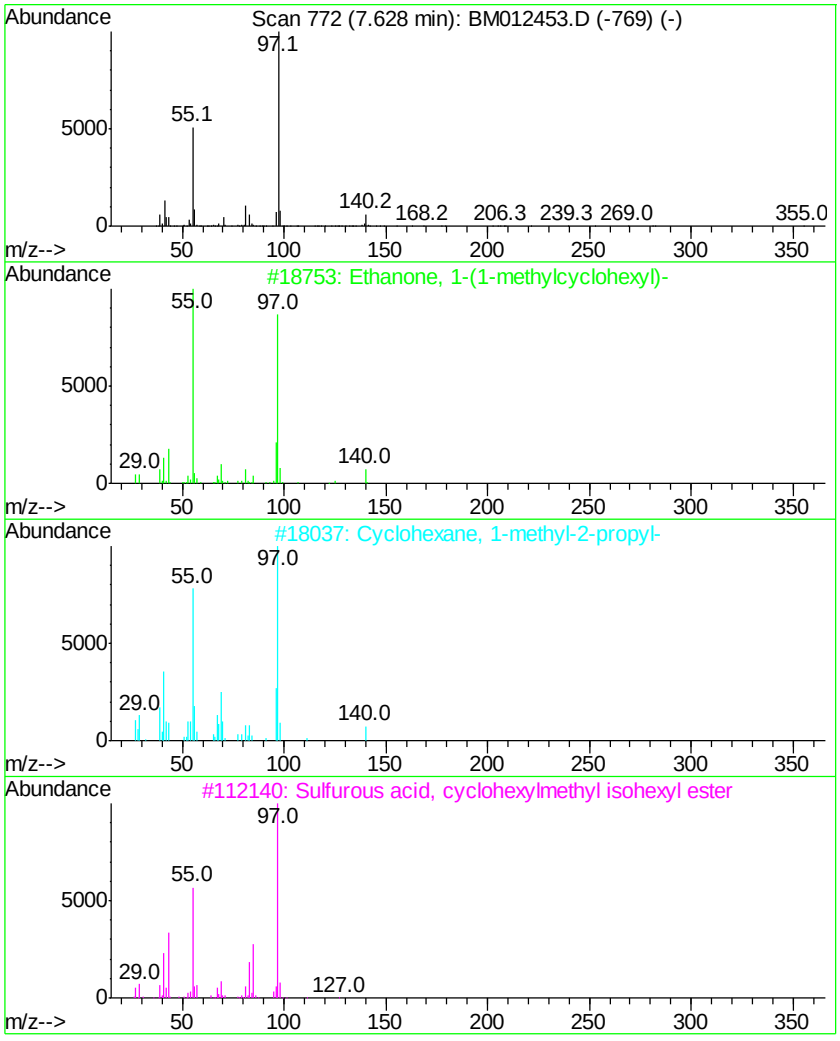
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

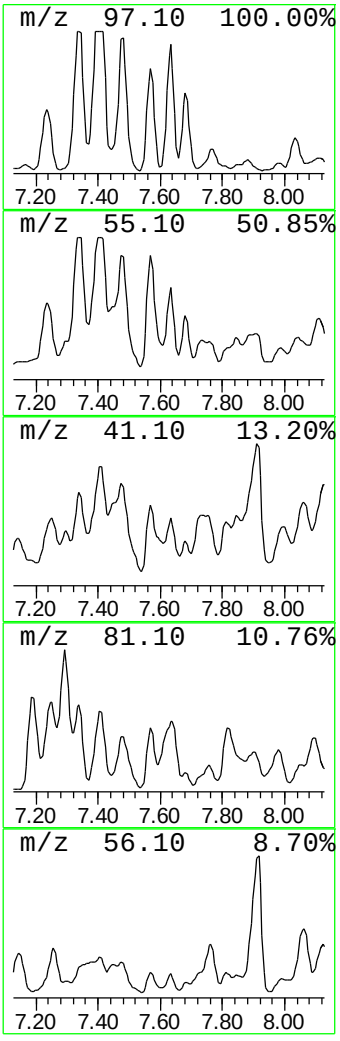
****

Peak Number 30 Ethanone, 1-(1-methylcycloh... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	6.64 ng/ul	38673300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	56
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	56
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	50
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50





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ALS Vial : 16 Sample Multiplier: 1

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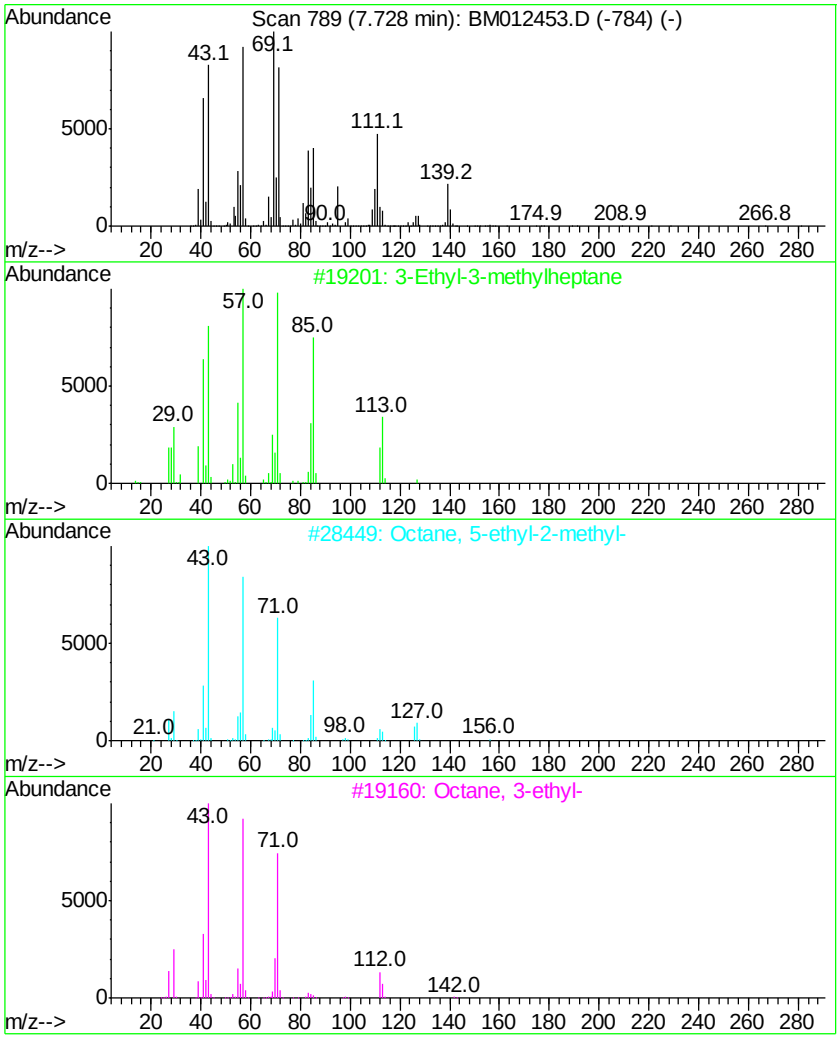
Quant Title : SVOA CALIBRATION

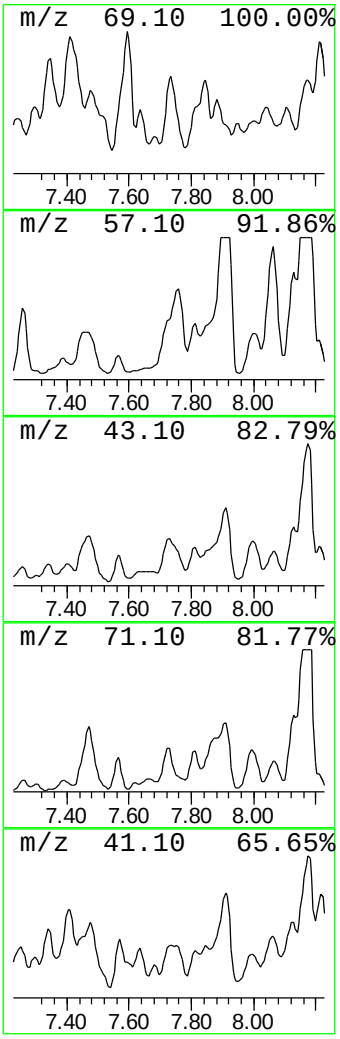
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.40 ng/ul	60514100	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	30
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	27
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	25
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	22
5	Decane, 4-methyl-	156	C11H24	002847-72-5	18





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

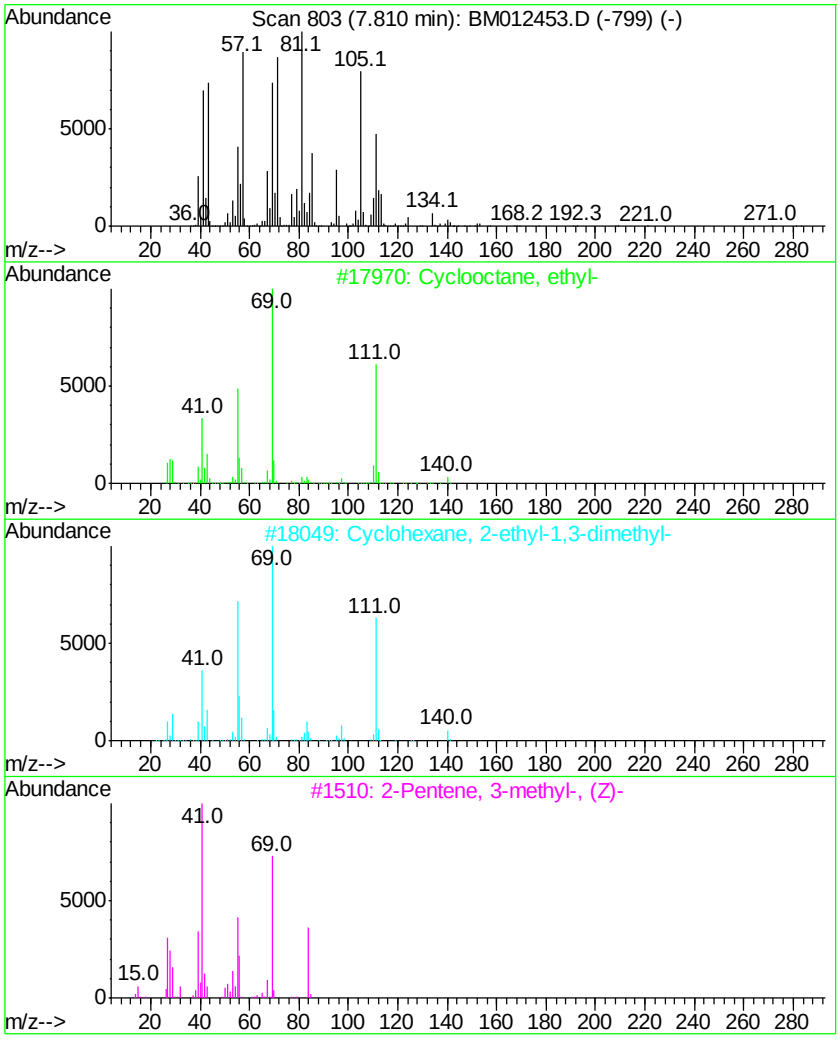
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

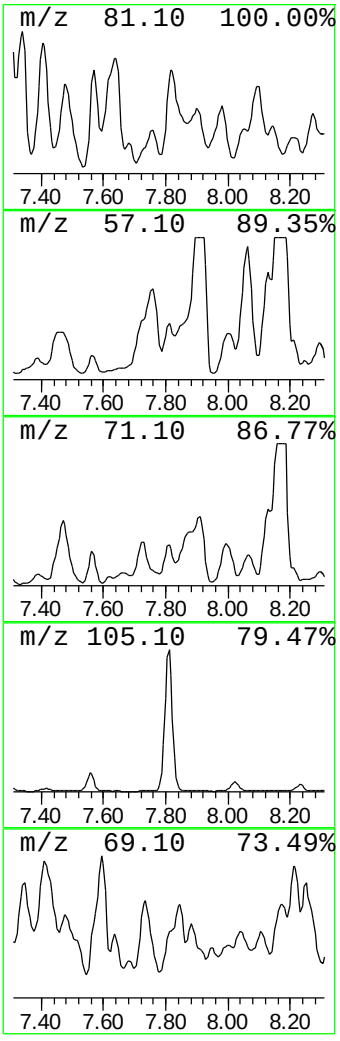
****

Peak Number 32 (DEL) Alkane: Cyclic7.81 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	5.90 ng/ul	34313300	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, ethyl-	140	C10H20	013152-02-8	25
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	25
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	25
5	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	25





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

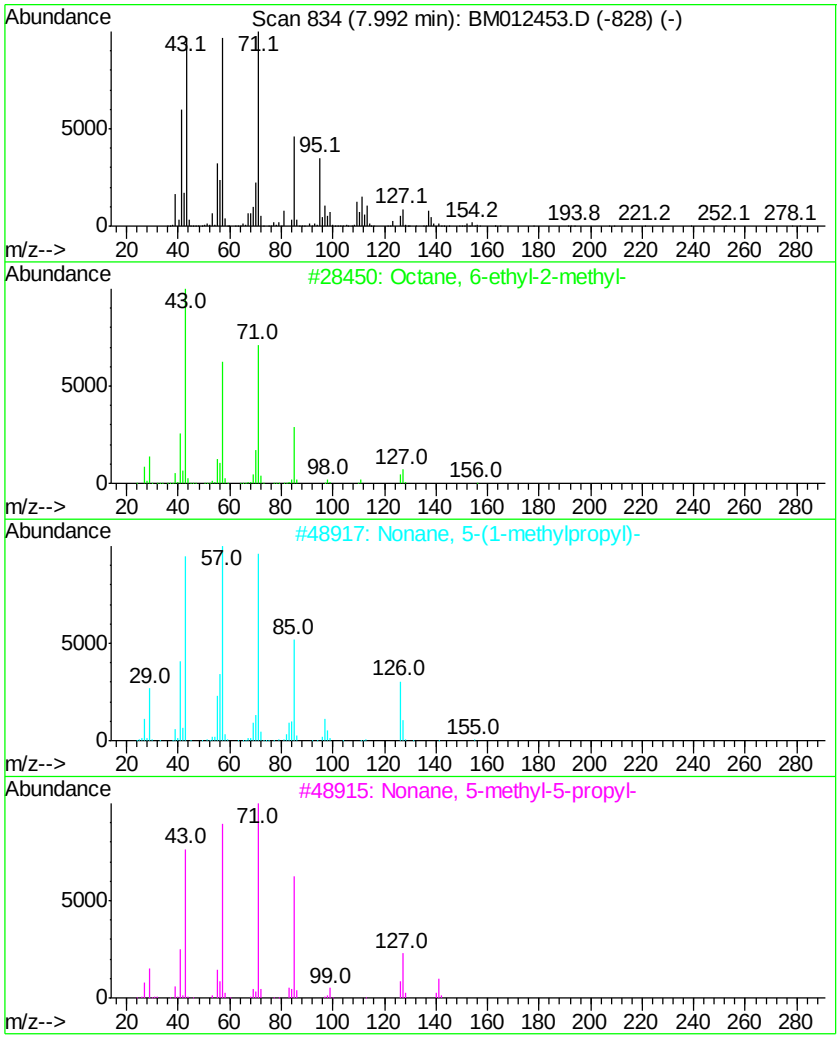
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

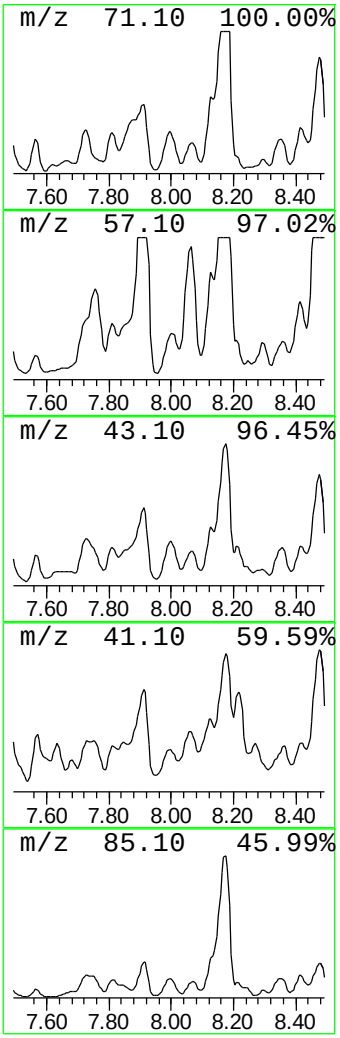
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	6.82 ng/ul	39702800	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	47
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
5	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	41





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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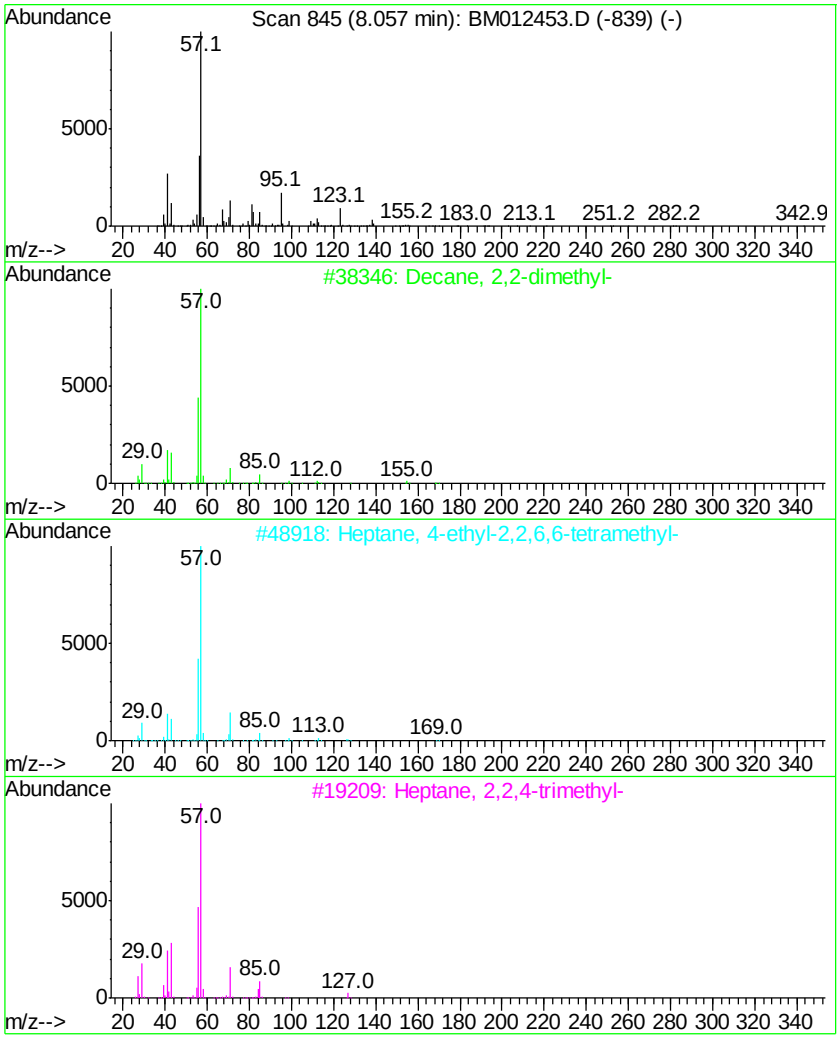
Quant Title : SVOA CALIBRATION

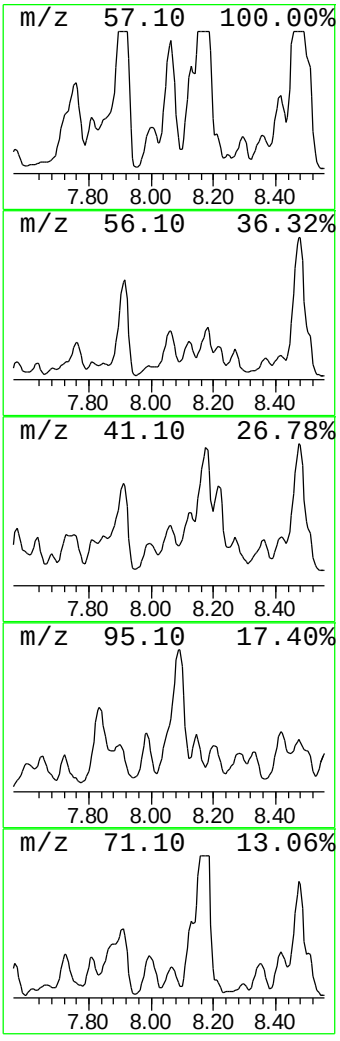
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	11.98 ng/ul	69718600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	47
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	43
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	43
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	43
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	43





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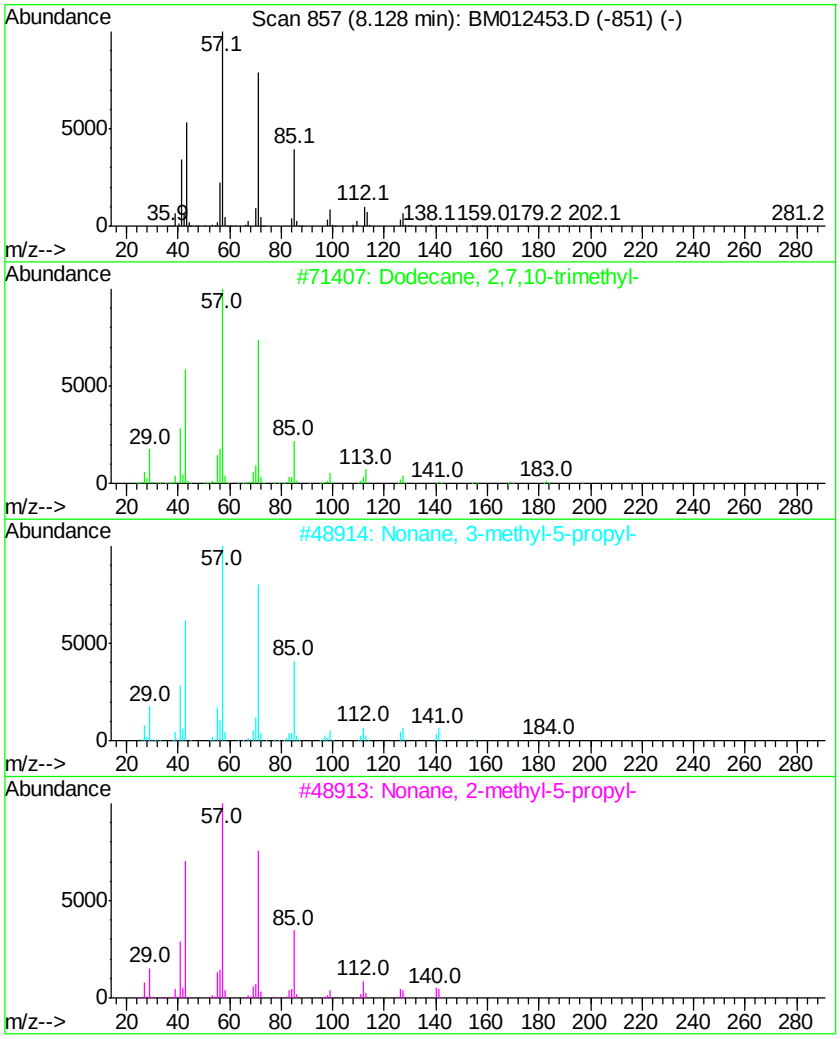
Quant Title : SVOA CALIBRATION

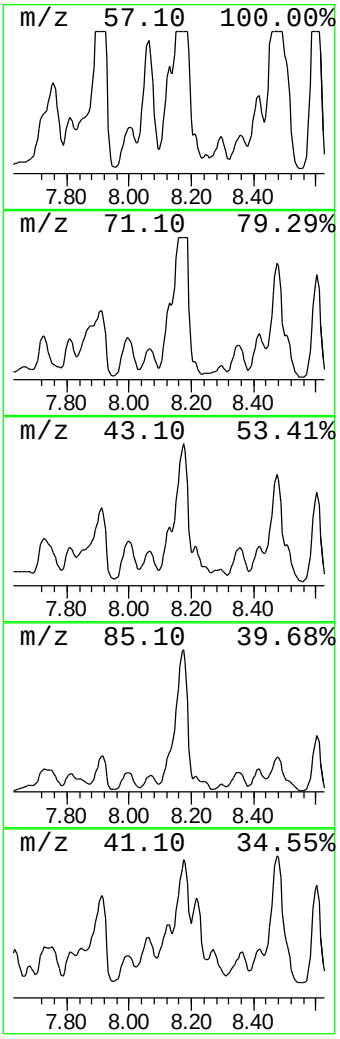
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	13.46 ng/ul	78349500	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Heptacosane	380	C27H56	000593-49-7	72





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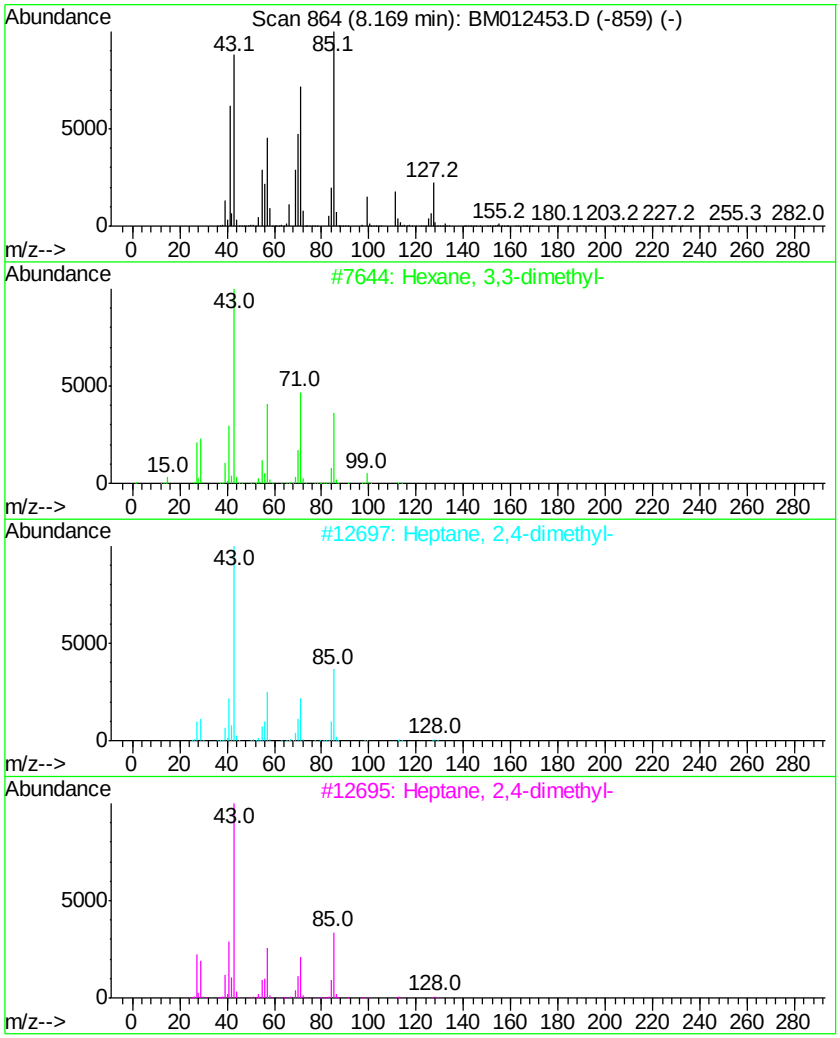
Quant Title : SVOA CALIBRATION

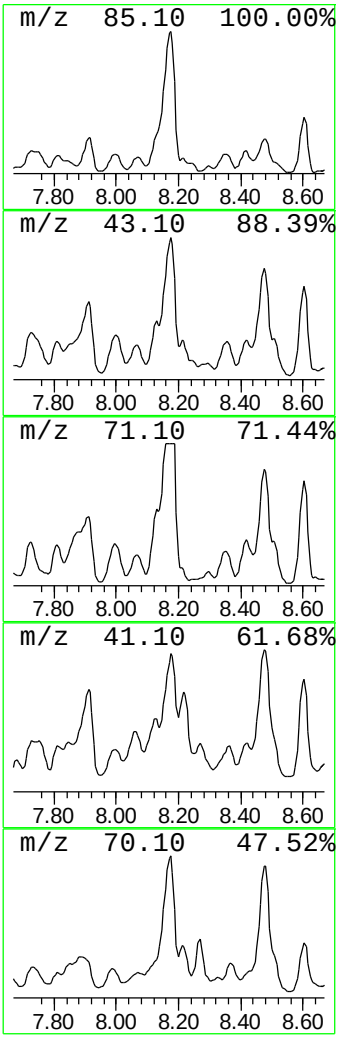
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	33.86 ng/ul	197100000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	43





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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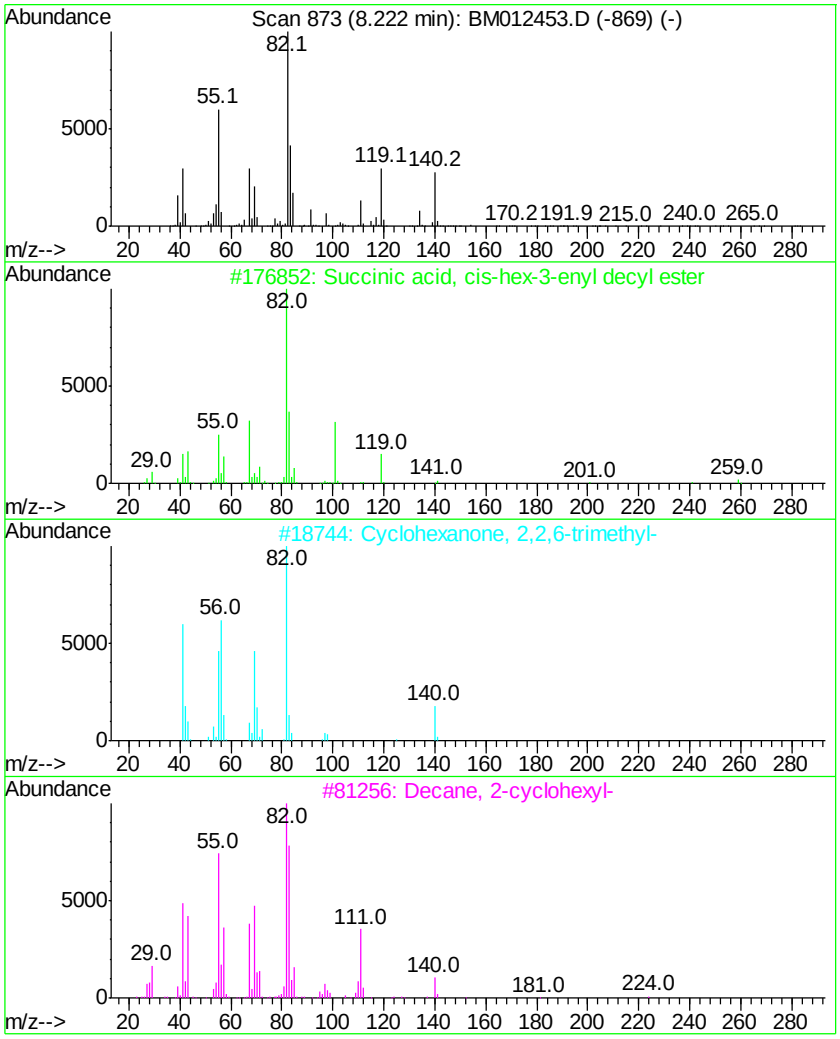
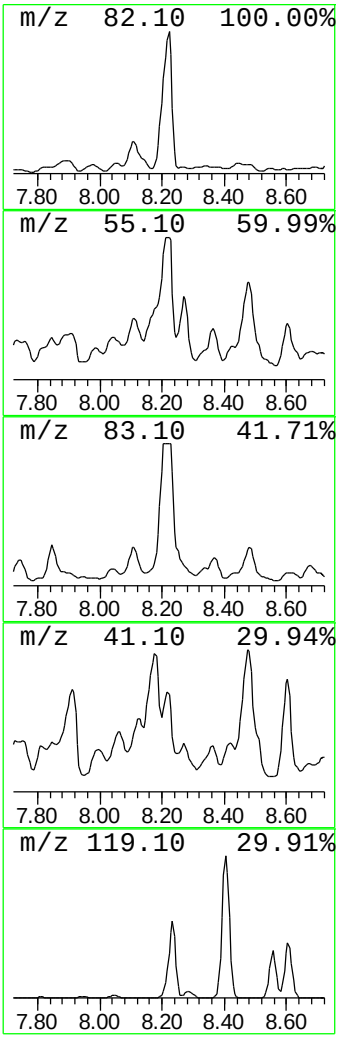
Peak Number 37 Succinic acid, cis-hex-3-en... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	20.62 ng/ul	120039000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, cis-hex-3-enyl de...	340	C20H36O4	1000353-41-2	53
2	Cyclohexanone, 2,2,6-trimethyl-	140	C9H16O	002408-37-9	38
3	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	38
4	Cyclohexanone, 2,2,6-trimethyl-	140	C9H16O	002408-37-9	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35





Library Search Compound Report

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Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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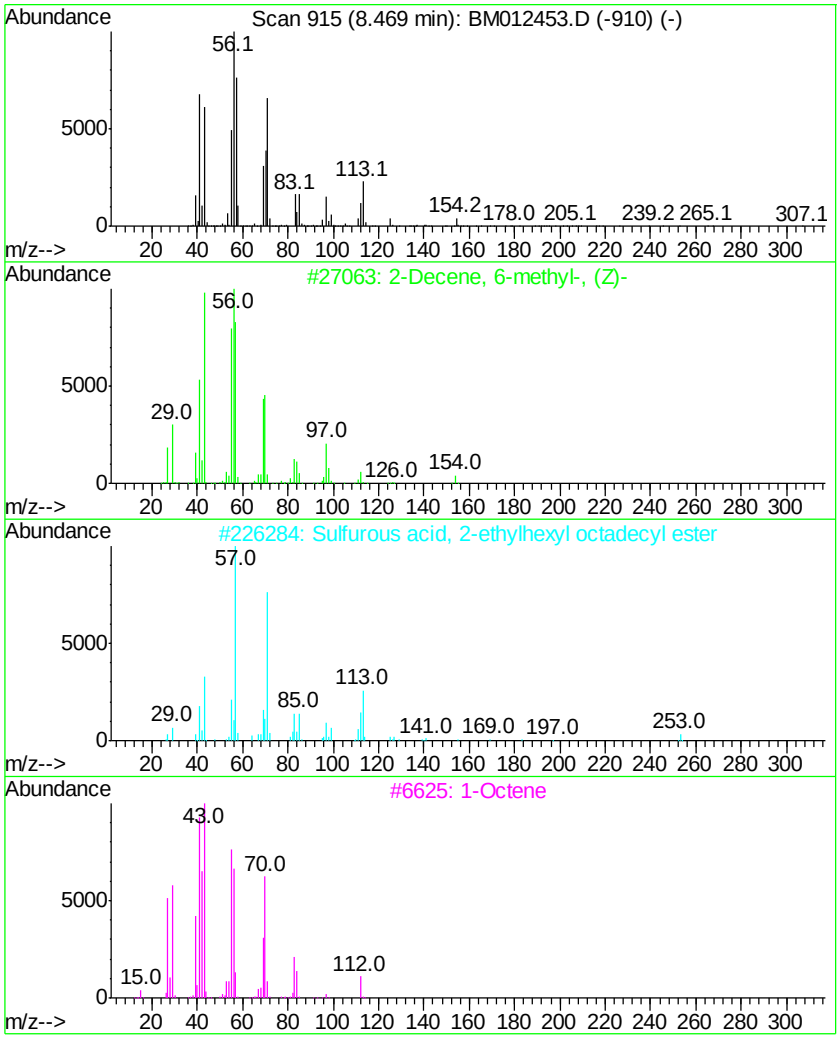
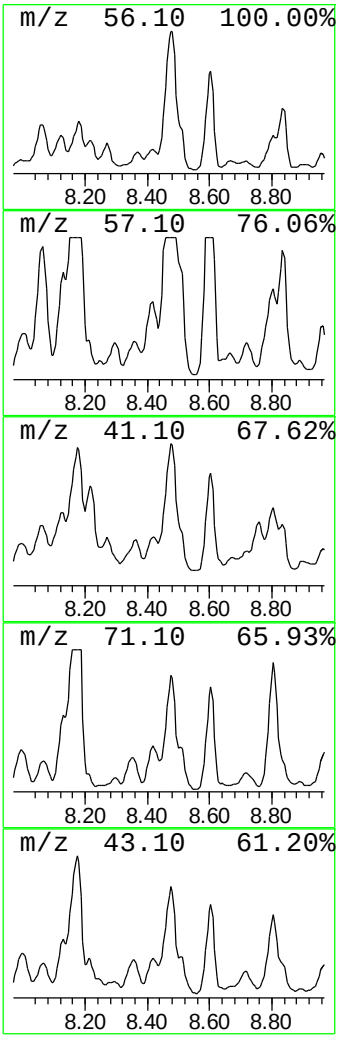
Peak Number 41 (DEL) Alkane: Cyclic8.47 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	34.24 ng/ul	199291000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 6-methyl-, (Z)-	154	C11H22	074630-31-2	64
2	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	46
3	1-Octene	112	C8H16	000111-66-0	43
4	1-Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	43
5	1-Octene	112	C8H16	000111-66-0	43





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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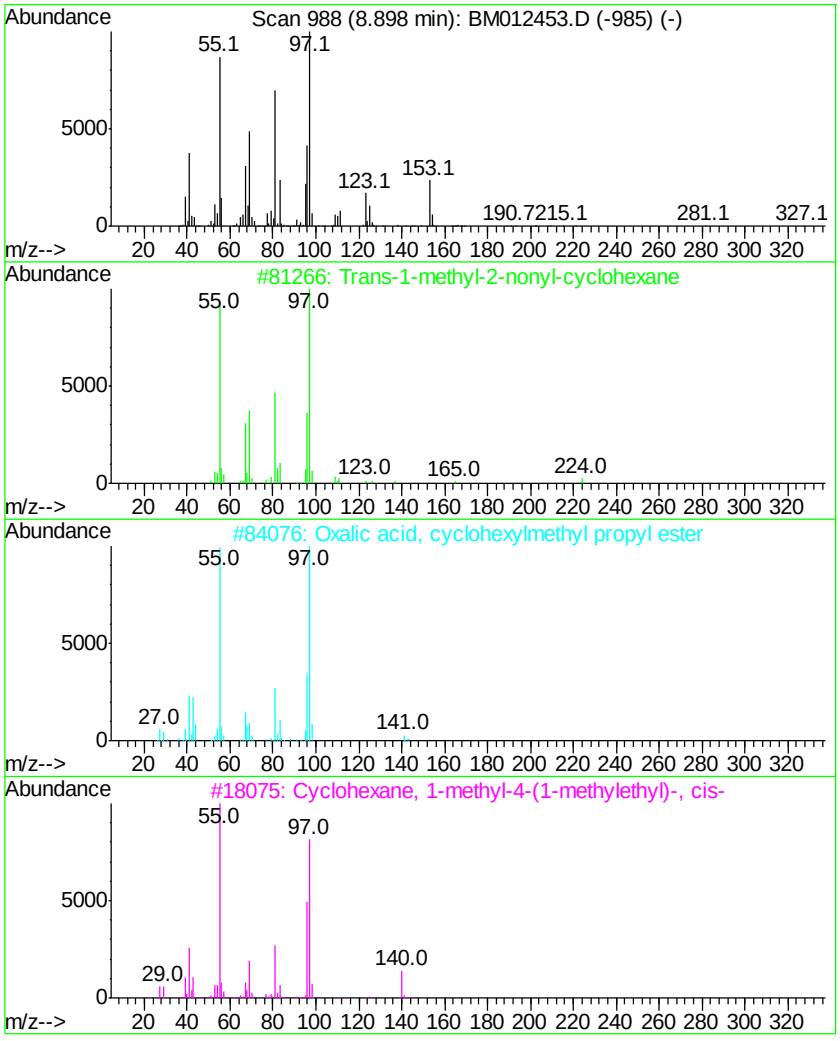
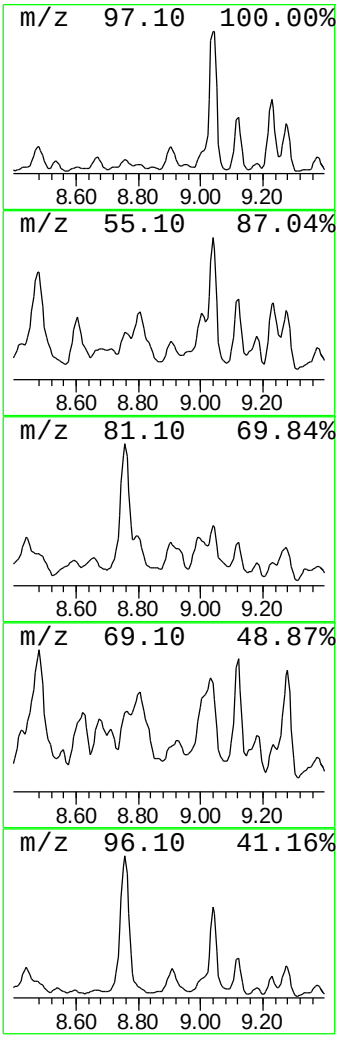
Peak Number 44 (DEL) Alkane: Cyclic8.90 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.90 ng/ul	16884600	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	59
2	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	53
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	50





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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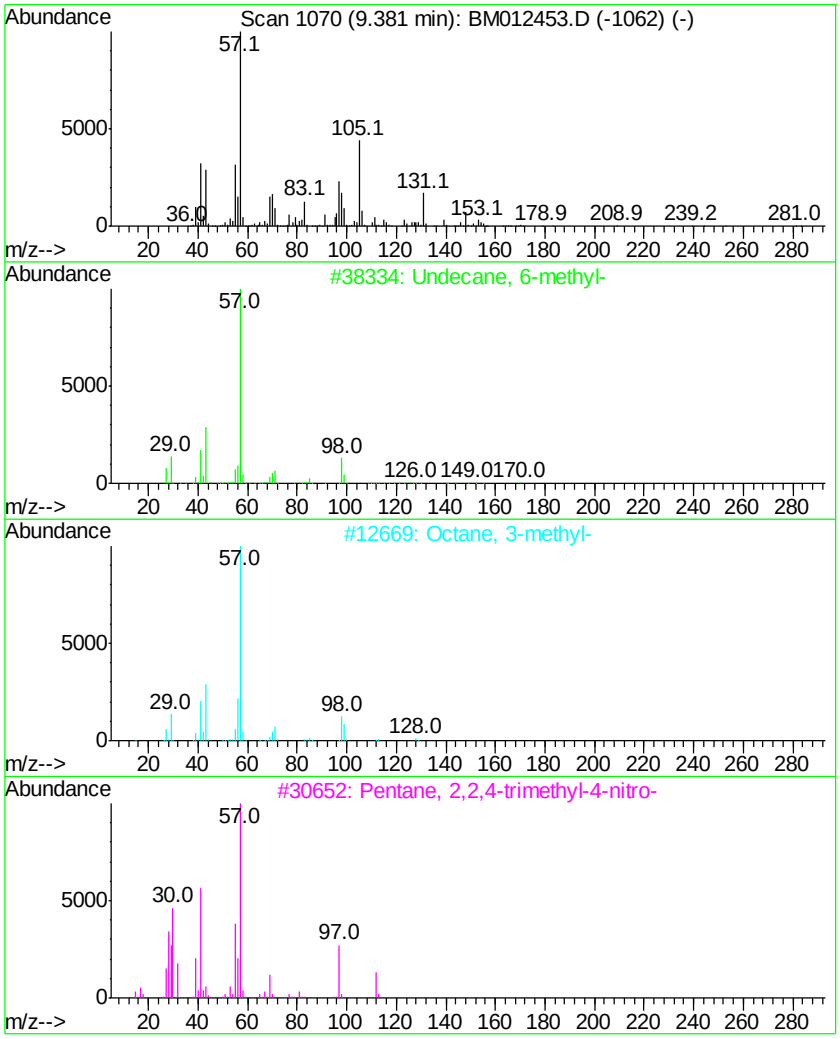
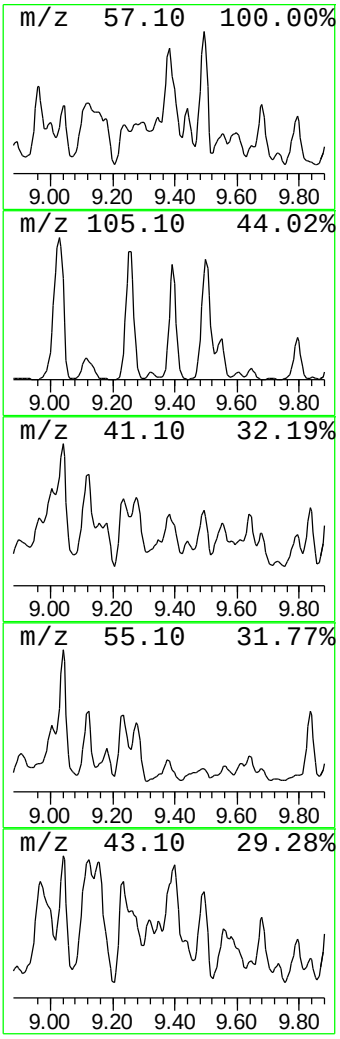
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	26.86 ng/ul	53425500	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	30
2	Octane, 3-methyl-	128	C9H20	002216-33-3	30
3	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	27
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	27
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	27





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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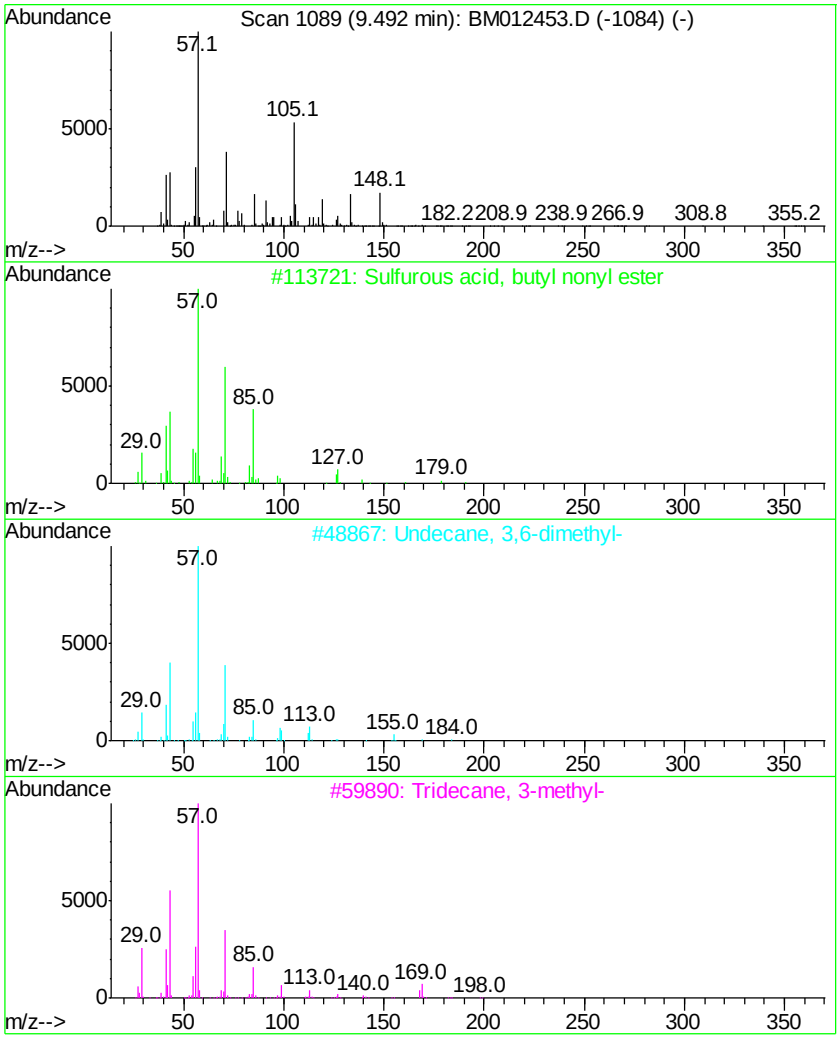
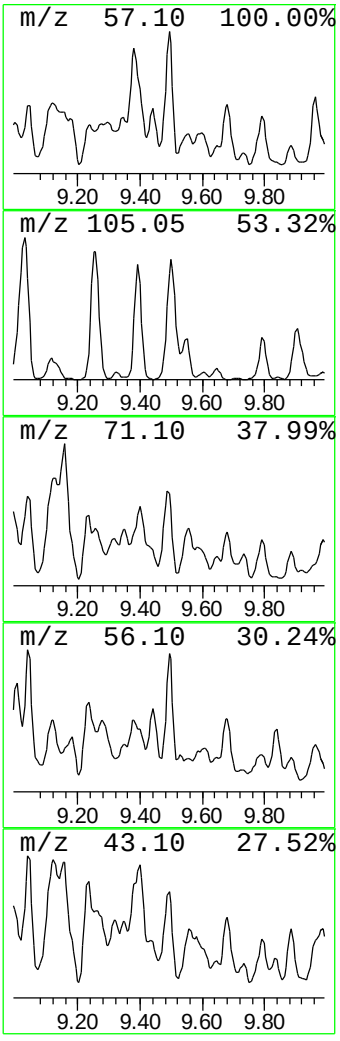
Peak Number 48 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	16.61 ng/ul	33032400	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	37
5	Hexadecane	226	C16H34	000544-76-3	35





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

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Quant Title : SVOA CALIBRATION

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

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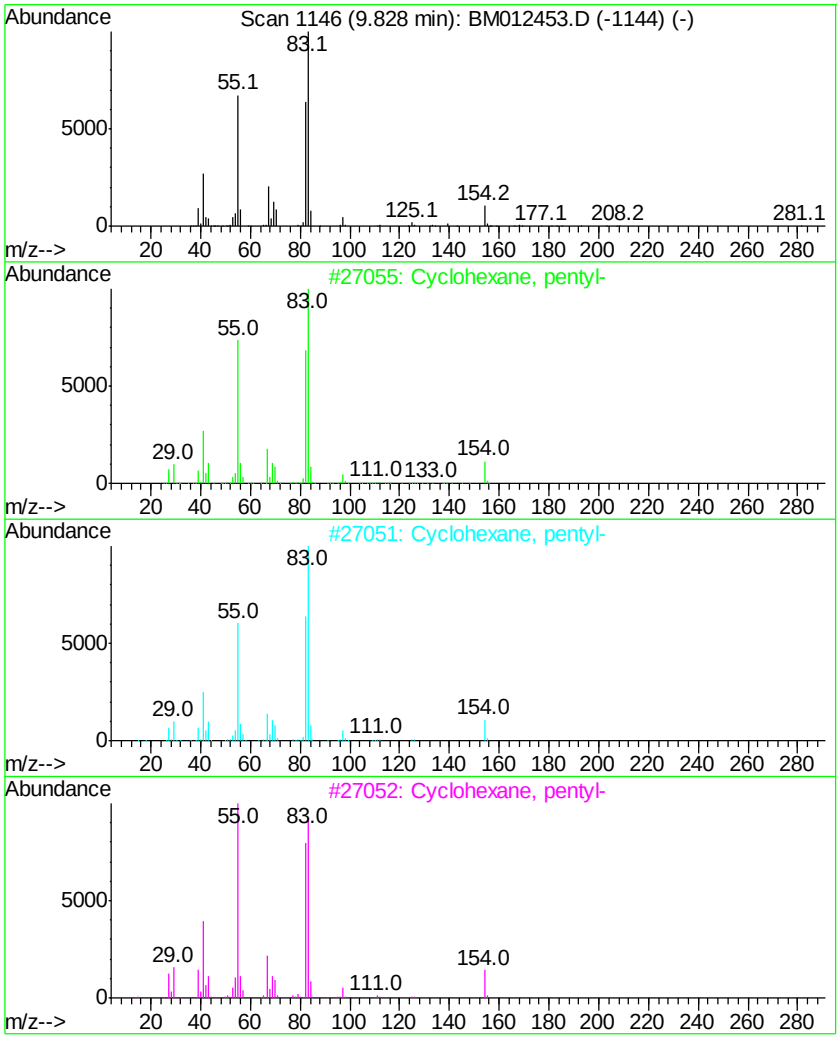
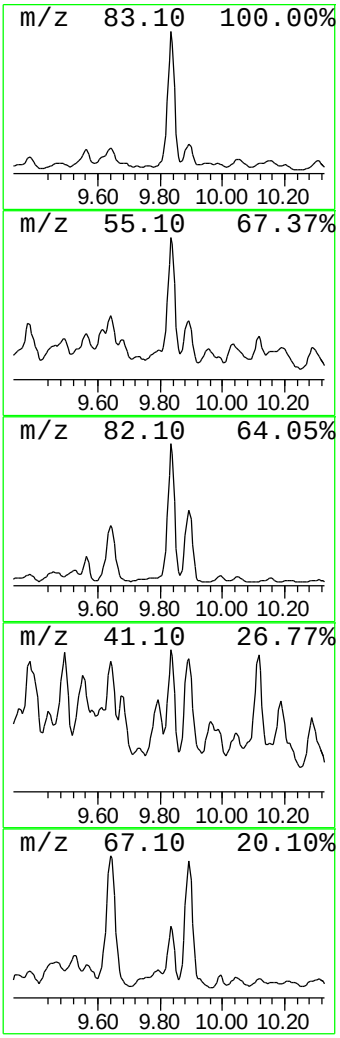
Peak Number 51 (DEL) Alkane: Cyclic9.83 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	15.23 ng/ul	30298100	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	97
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	90
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80





Library Search Compound Report

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Acq On : 25 Oct 2017 20:35
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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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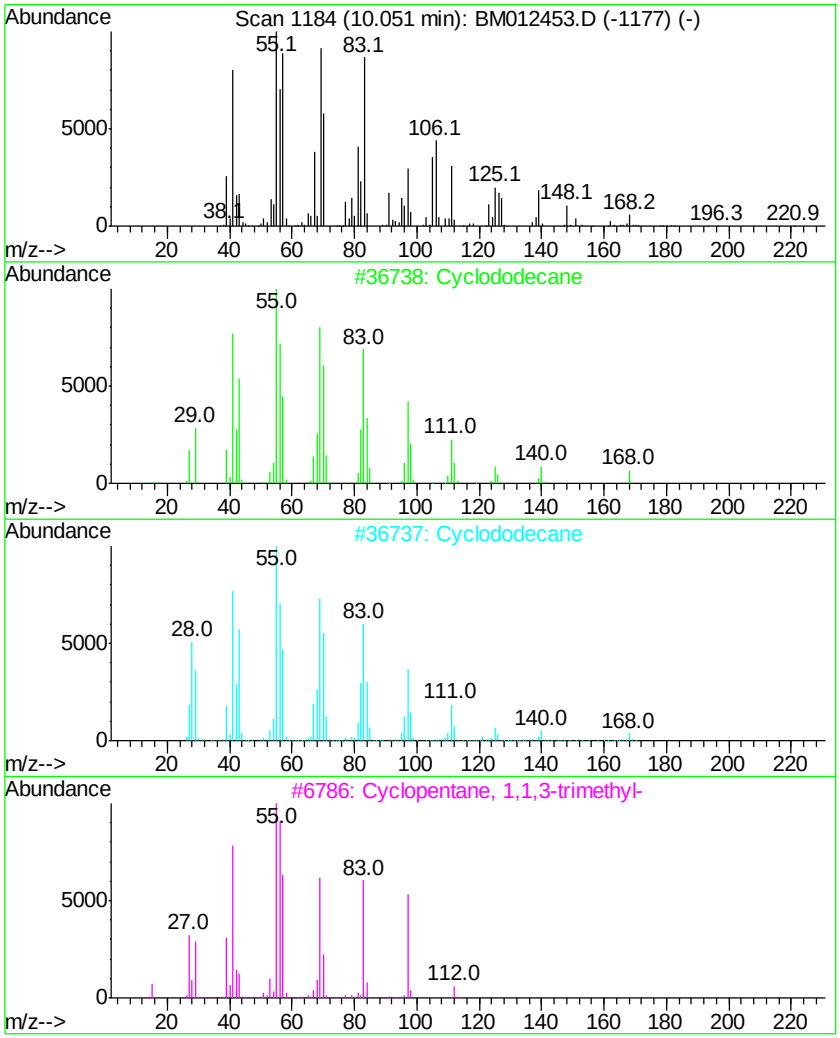
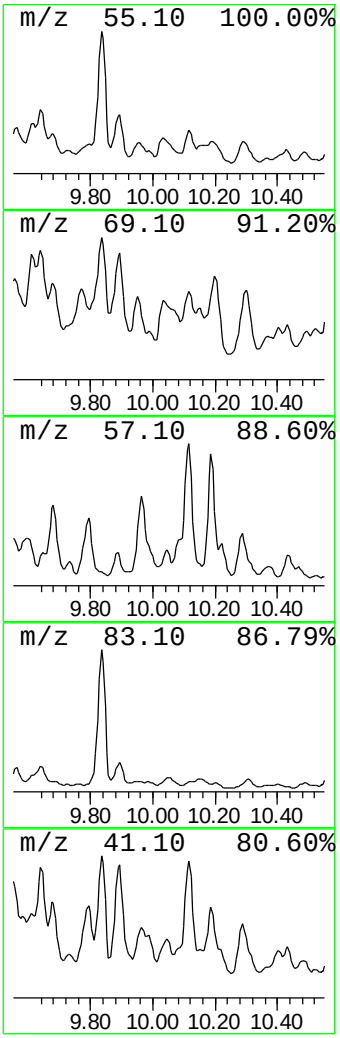
Peak Number 52 (DEL) Alkane: Cyclic10.05 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	5.26 ng/ul	10455700	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	68
2	Cyclododecane	168	C12H24	000294-62-2	68
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	53
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
5	5-Dodecene, (Z)-	168	C12H24	007206-28-2	49





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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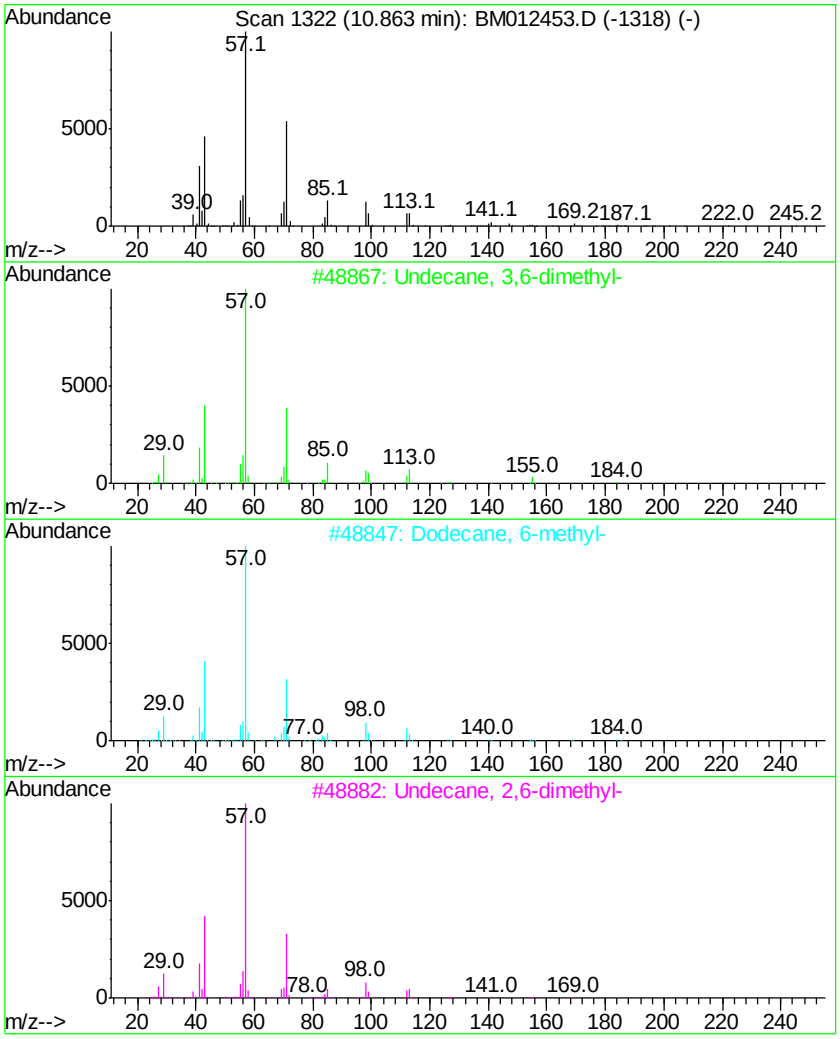
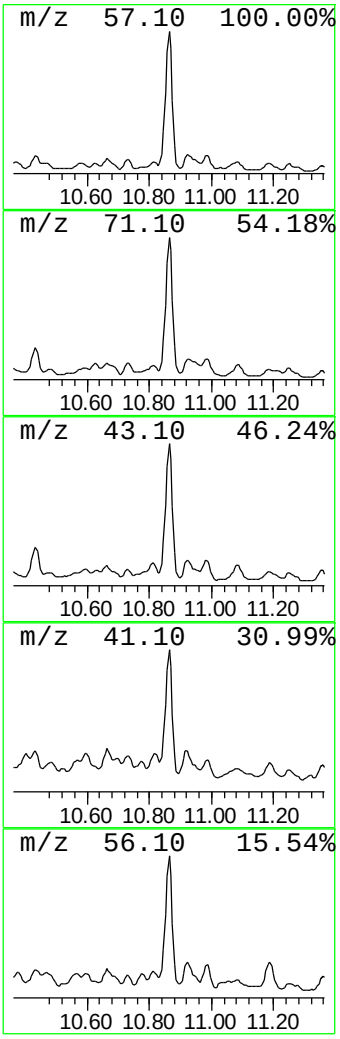
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	17.67 ng/ul	35147000	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





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Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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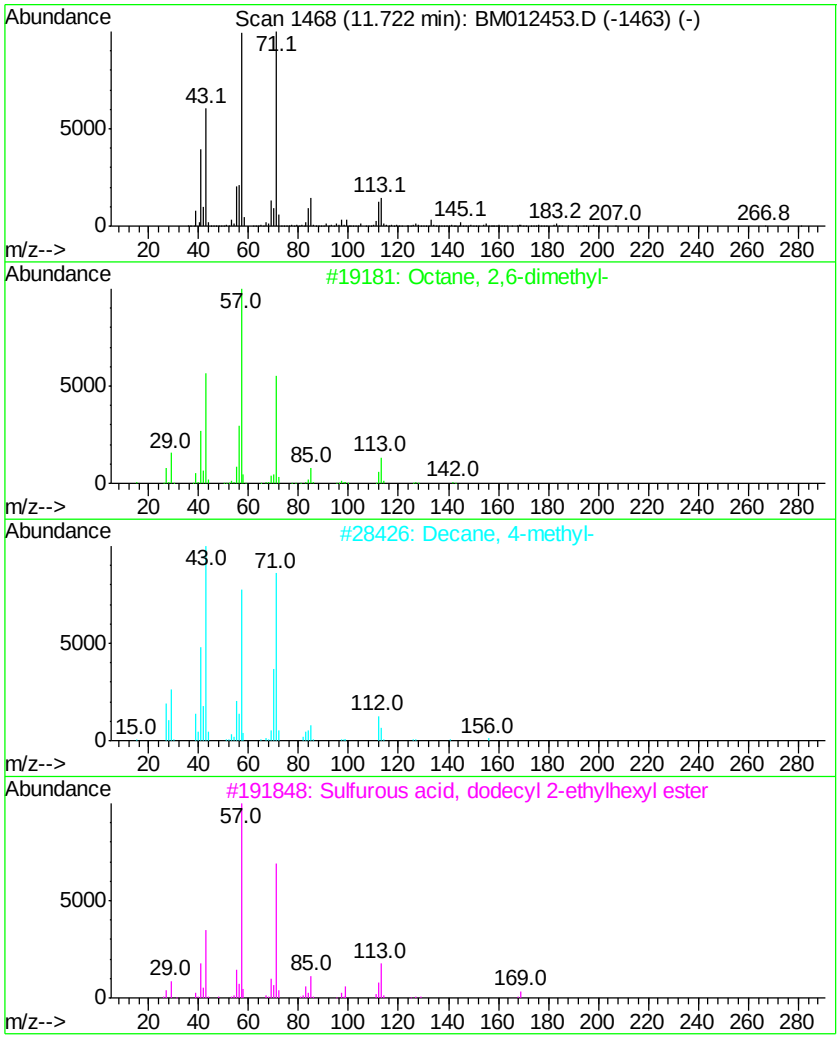
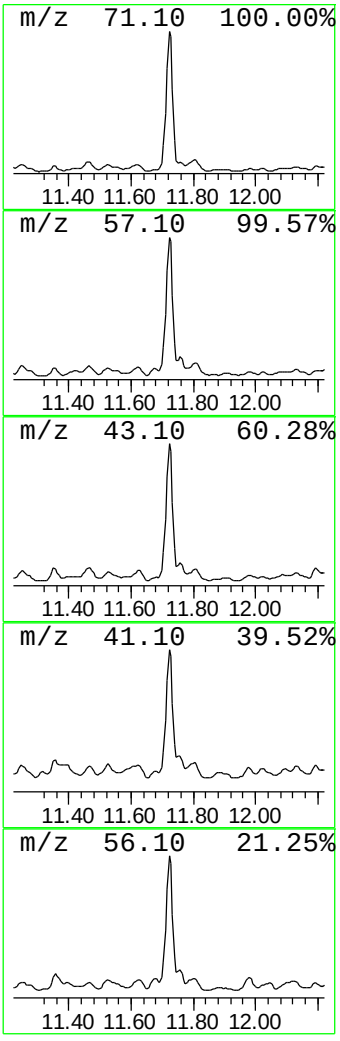
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	19.93 ng/ul	39642900	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Decane, 4-methyl-	156	C11H24	002847-72-5	64
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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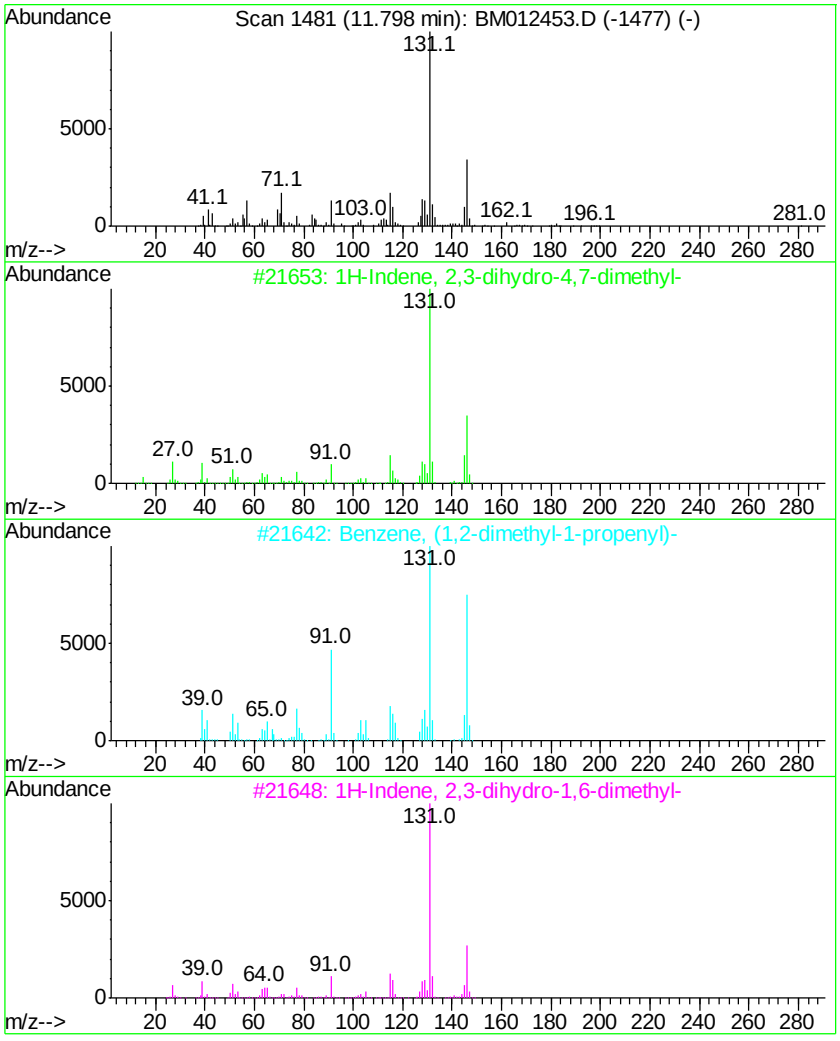
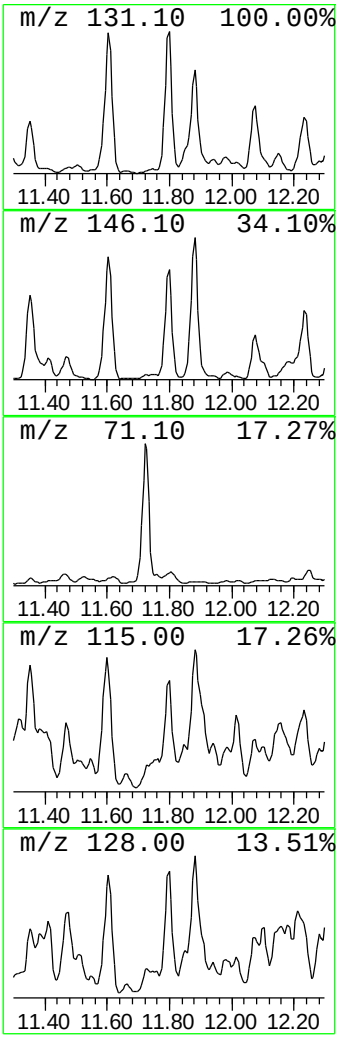
Peak Number 61 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.87 ng/ul	11671000	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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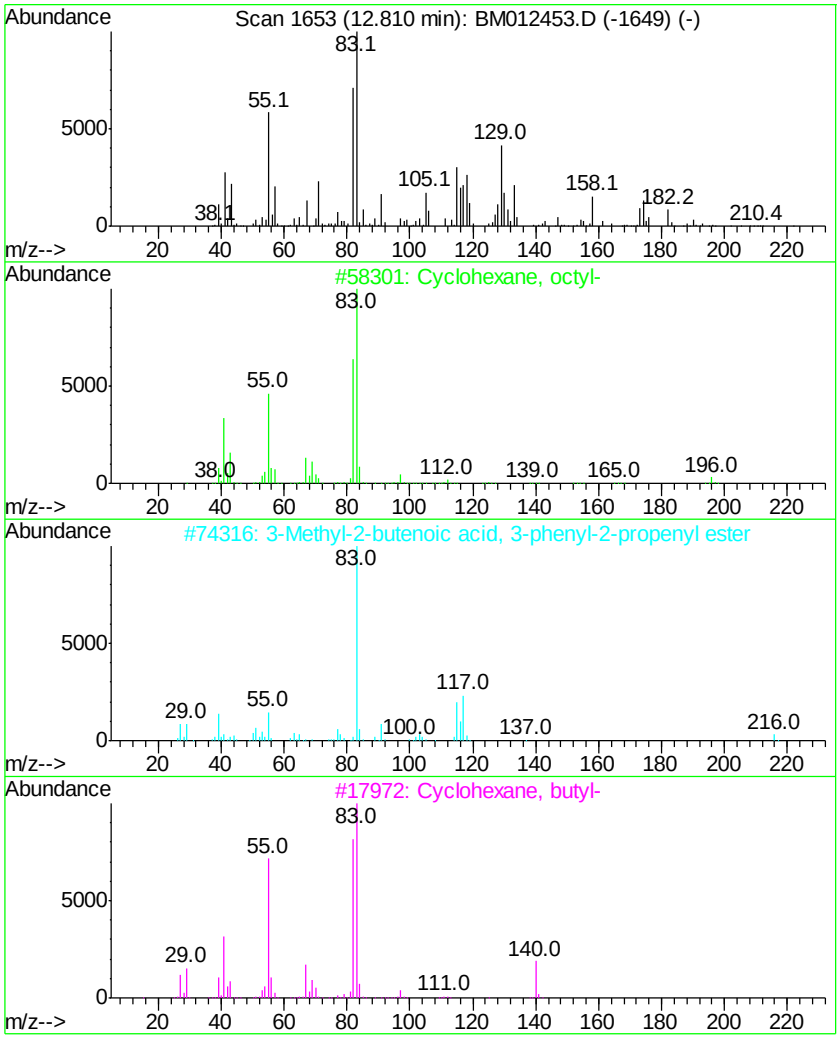
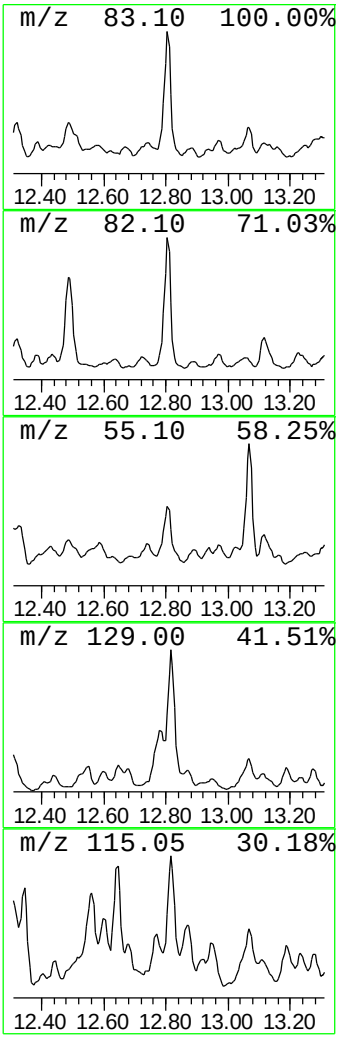
Peak Number 63 (DEL) Alkane: Cyclic12.81 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	18.95 ng/ul	8861680	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	35
2	3-Methyl-2-butenoic acid, 3-phen...	216	C14H16O2	056500-41-5	27
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	25
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	25
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	25





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Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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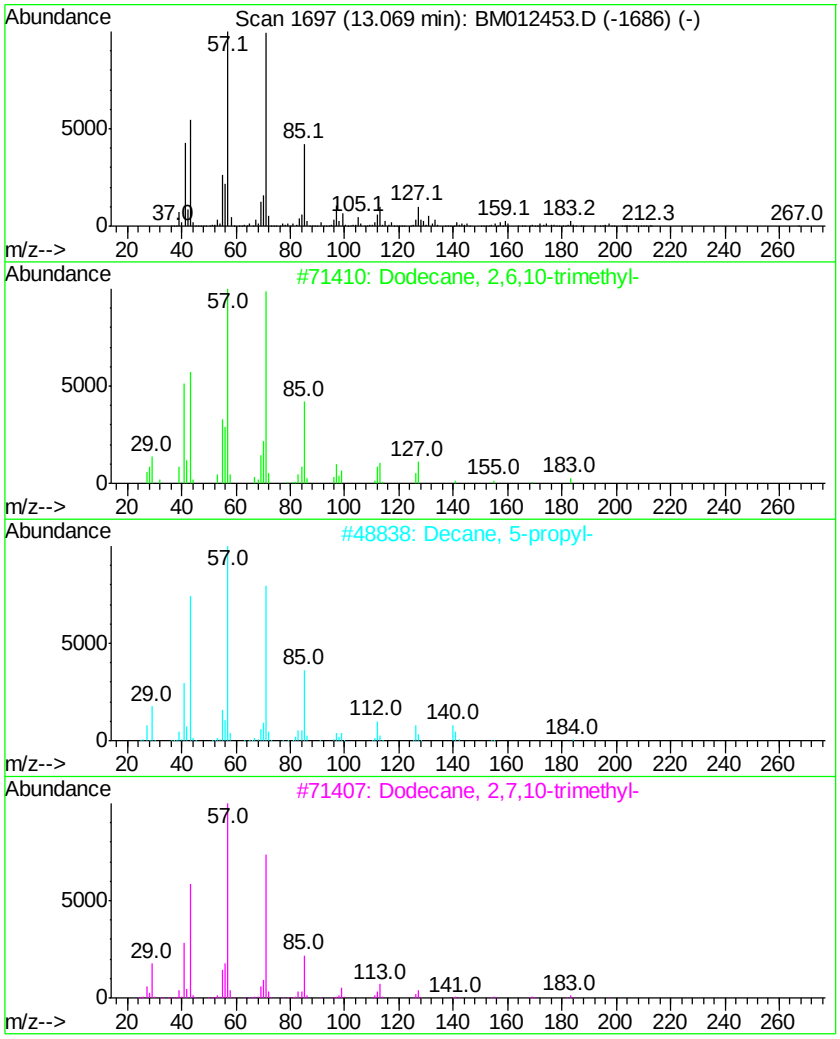
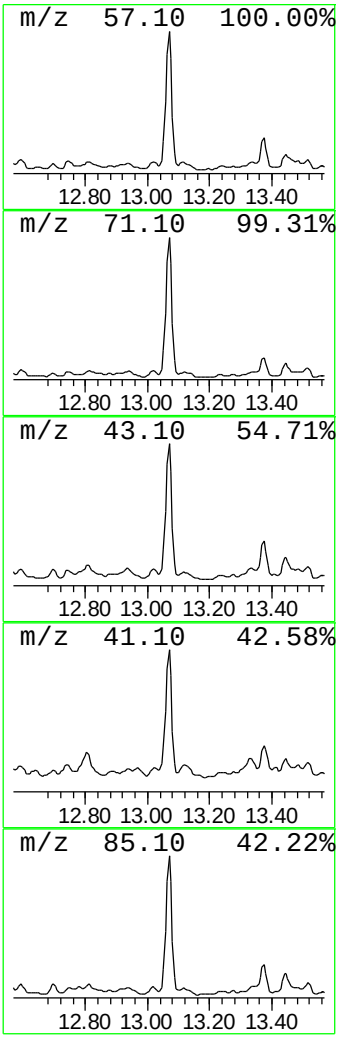
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	82.55 ng/ul	38595900	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	76
2	Decane, 5-propyl-	184	C13H28	017312-62-8	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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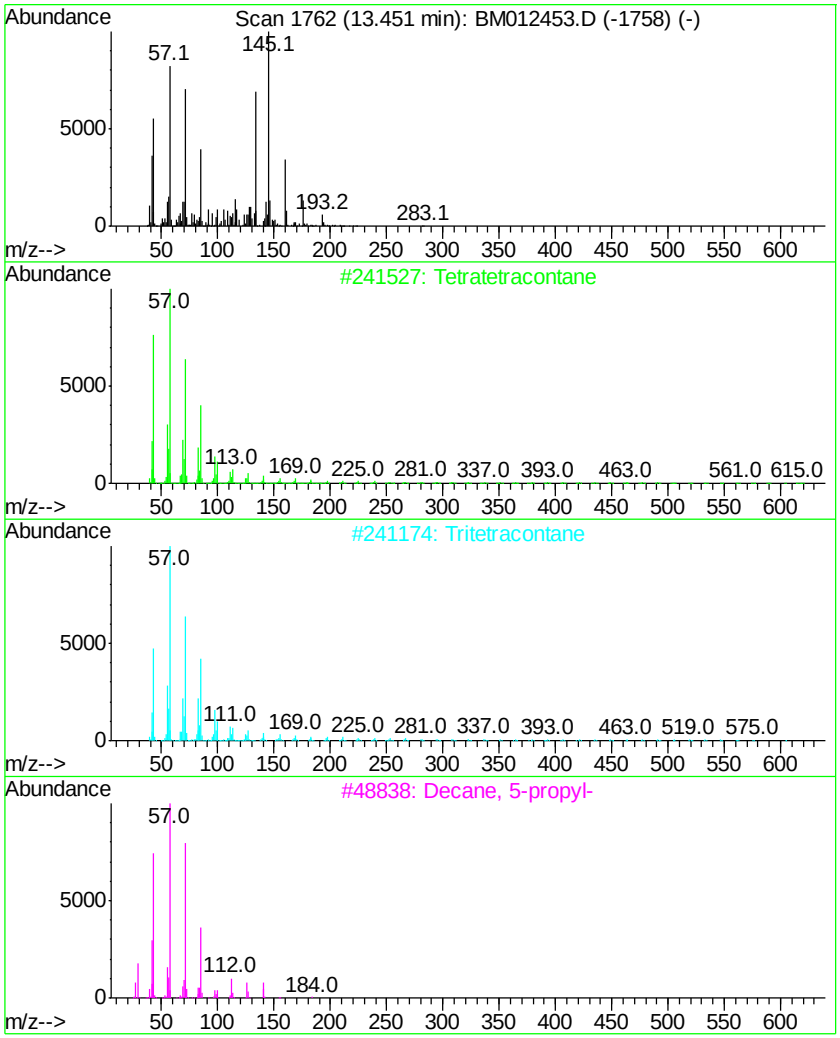
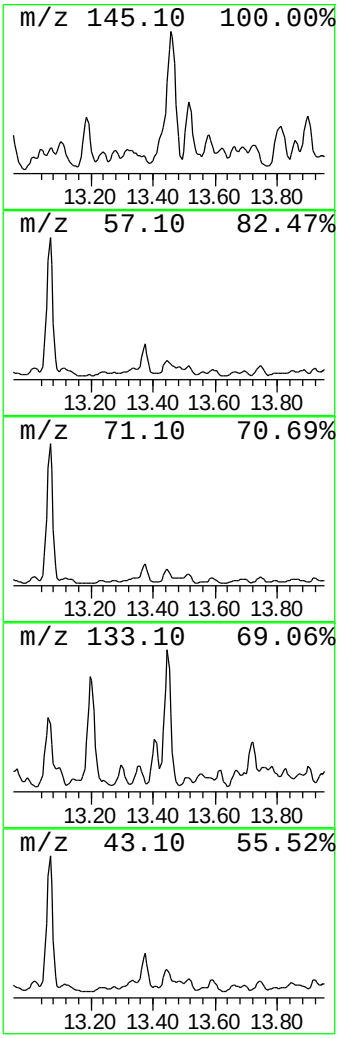
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	20.09 ng/ul	9393200	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	43
2	Tritetracontane	605	C43H88	007098-21-7	43
3	Decane, 5-propyl-	184	C13H28	017312-62-8	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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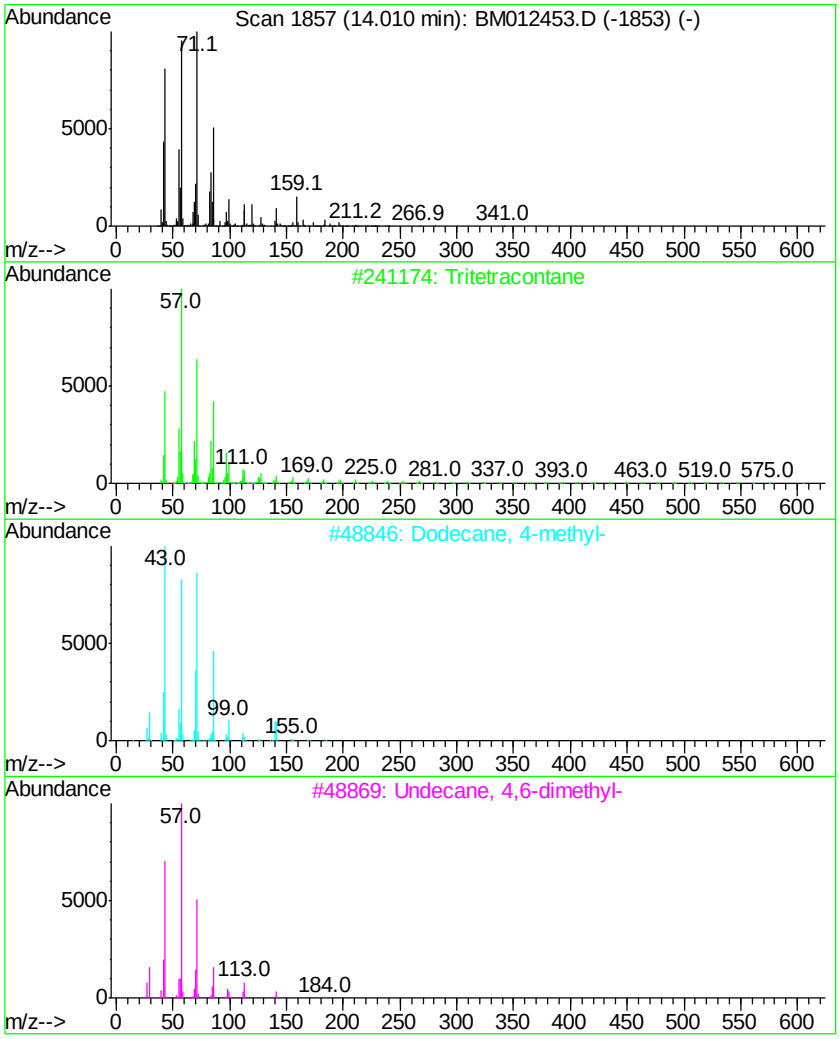
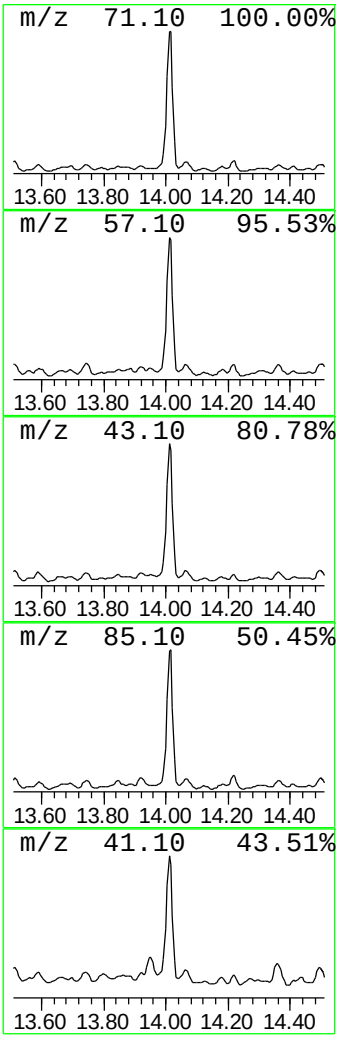
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	79.00 ng/ul	36934800	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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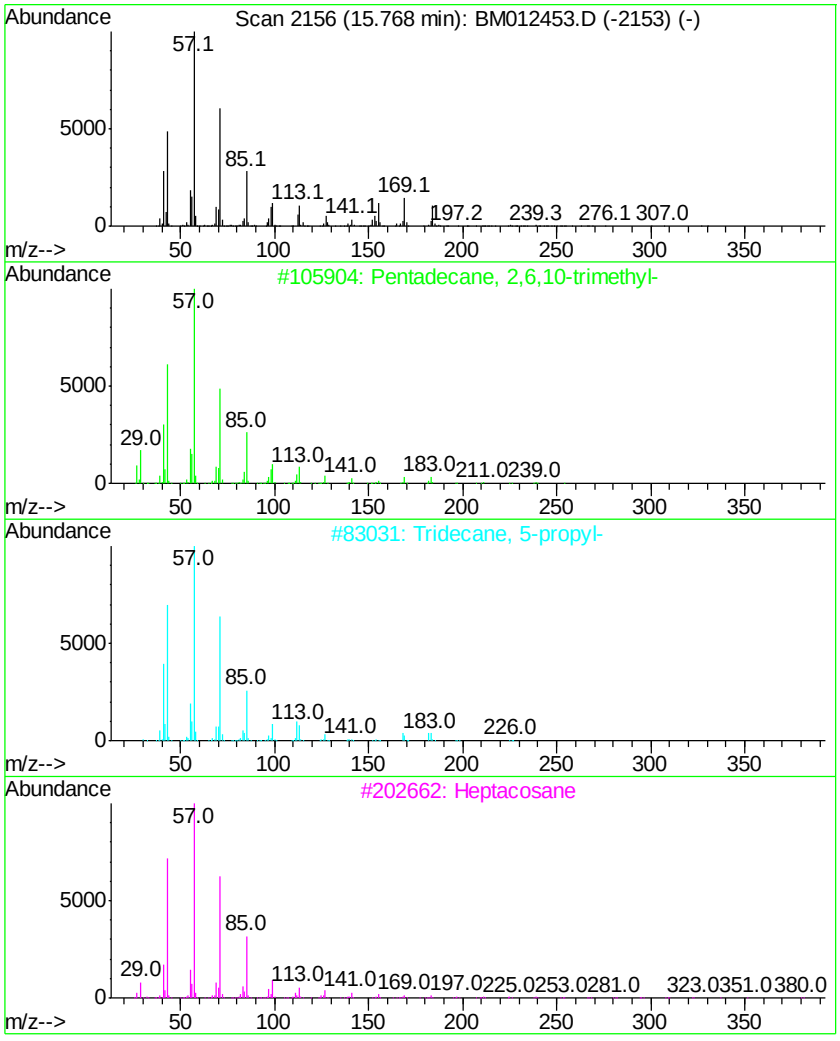
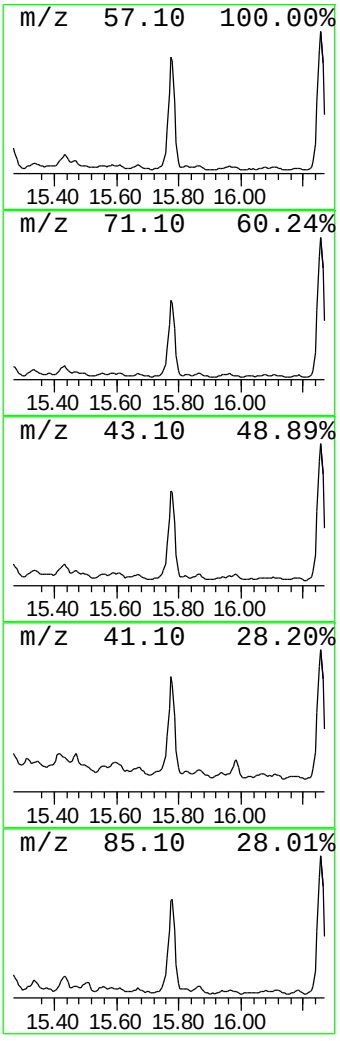
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	22.71 ng/ul	10619000	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
3	Heptacosane	380	C27H56	000593-49-7	58
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
5	Hexadecane	226	C16H34	000544-76-3	52





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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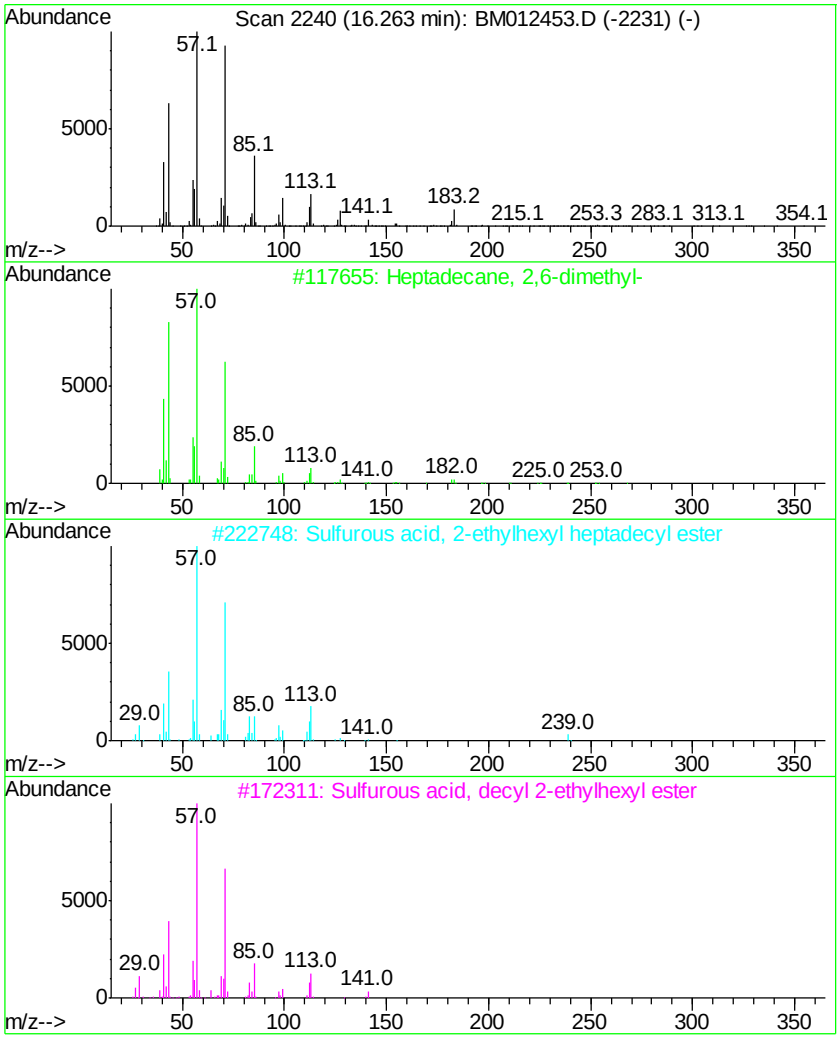
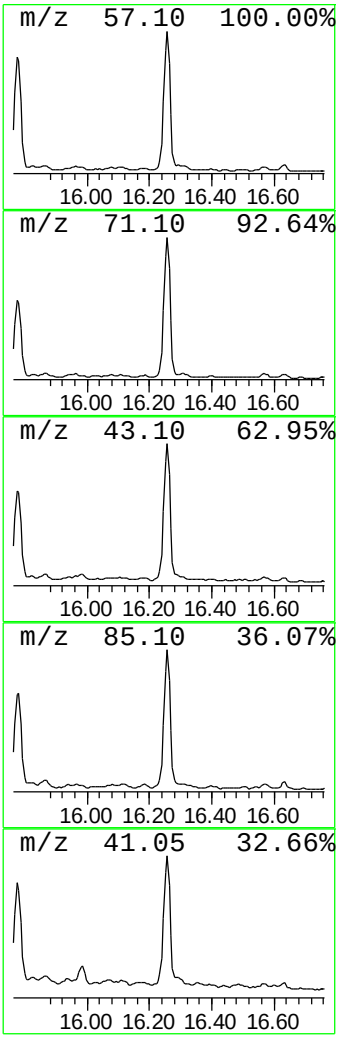
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	20.00 ng/ul	15023200	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-36(3-3.7)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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...	4.57	3.1	ng/ul	18120100	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	4.65	2.5	ng/ul	14776300	1	7.90	116409000	20.0
(DEL) Alkane: Str...	4.75	2.0	ng/ul	11778700	1	7.90	116409000	20.0
(DEL) Alkane: Str...	4.85	8.4	ng/ul	48711400	1	7.90	116409000	20.0
(DEL) Alkane: Str...	4.95	7.3	ng/ul	42492600	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.01	4.2	ng/ul	24595400	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.06	8.2	ng/ul	47812800	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.11	10.1	ng/ul	58660600	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.17	3.1	ng/ul	18078300	1	7.90	116409000	20.0
(DEL) Alkane: Str...	5.31	3.7	ng/ul	21765300	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.35	7.4	ng/ul	42919900	1	7.90	116409000	20.0
Pentalene, octahy...	5.60	3.9	ng/ul	22841600	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.71	4.5	ng/ul	26024700	1	7.90	116409000	20.0
Cyclopentane, 1-m...	5.78	6.3	ng/ul	36376300	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.86	7.4	ng/ul	42900800	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	5.93	6.6	ng/ul	38585400	1	7.90	116409000	20.0
Cyclohexene, 3-me...	6.00	3.8	ng/ul	22105400	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	6.18	17.5	ng/ul	101748000	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	6.29	5.2	ng/ul	30425000	1	7.90	116409000	20.0
unknown-01	6.40	18.4	ng/ul	106829000	1	7.90	116409000	20.0
Cyclohexanone, 2,...	6.55	30.4	ng/ul	176970000	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	6.66	4.5	ng/ul	26166500	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	6.73	6.1	ng/ul	35610200	1	7.90	116409000	20.0
(DEL) Alkane: Str...	6.80	6.4	ng/ul	37388800	1	7.90	116409000	20.0
(DEL) Alkane: Str...	6.91	16.9	ng/ul	98180600	1	7.90	116409000	20.0
(DEL) Alkane: Str...	7.14	2.2	ng/ul	12827300	1	7.90	116409000	20.0
Cyclohexene, 1-bu...	7.29	5.8	ng/ul	33745800	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	7.34	11.2	ng/ul	65130900	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	7.57	15.2	ng/ul	88401900	1	7.90	116409000	20.0
Ethanone, 1-(1-me...	7.63	6.6	ng/ul	38673300	1	7.90	116409000	20.0
(DEL) Alkane: Str...	7.73	10.4	ng/ul	60514100	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	7.81	5.9	ng/ul	34313300	1	7.90	116409000	20.0
(DEL) Alkane: Str...	7.99	6.8	ng/ul	39702800	1	7.90	116409000	20.0
(DEL) Alkane: Str...	8.06	12.0	ng/ul	69718600	1	7.90	116409000	20.0
(DEL) Alkane: Str...	8.13	13.5	ng/ul	78349500	1	7.90	116409000	20.0
(DEL) Alkane: Str...	8.17	33.9	ng/ul	197100000	1	7.90	116409000	20.0
Succinic acid, ci...	8.22	20.6	ng/ul	120039000	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	8.47	34.2	ng/ul	199291000	1	7.90	116409000	20.0
(DEL) Alkane: Cyc...	8.90	2.9	ng/ul	16884600	1	7.90	116409000	20.0
(DEL) Alkane: Str...	9.38	26.9	ng/ul	53425500	2	10.69	39781100	20.0
unknown-04	9.49	16.6	ng/ul	33032400	2	10.69	39781100	20.0
(DEL) Alkane: Cyc...	9.83	15.2	ng/ul	30298100	2	10.69	39781100	20.0
(DEL) Alkane: Cyc...	10.05	5.3	ng/ul	10455700	2	10.69	39781100	20.0
(DEL) Alkane: Str...	10.86	17.7	ng/ul	35147000	2	10.69	39781100	20.0
(DEL) Alkane: Str...	11.72	19.9	ng/ul	39642900	2	10.69	39781100	20.0
1H-Indene, 2,3-di...	11.80	5.9	ng/ul	11671000	2	10.69	39781100	20.0
(DEL) Alkane: Cyc...	12.81	18.9	ng/ul	8861680	3	14.52	9350500	20.0
(DEL) Alkane: Str...	13.07	82.5	ng/ul	38595900	3	14.52	9350500	20.0
(DEL) Alkane: Str...	13.45	20.1	ng/ul	9393200	3	14.52	9350500	20.0

(DEL) Alkane: Str...	14.01	79.0	ng/ul	36934800	3	14.52	9350500	20.0	
(DEL) Alkane: Str...	15.77	22.7	ng/ul	10619000	3	14.52	9350500	20.0	
(DEL) Alkane: Str...	16.26	20.0	ng/ul	15023200	4	17.26	15023200	20.0	

Instrument :
BNA_M
ClientSampleId :
B-36(3-3.7)-100417