LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

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-BM101217.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	4.781	283	288	294	rVB	521826	796515	6.37%	0.394%
2	4.951	312	317	322	rBV2	764282	1185409	9.48%	0.586%
3	5.187	354	357	366	rVB	601309	971728	7.77%	0.481%
4	5.634	426	433	437	rBV4	333962	679907	5.44%	0.336%
5	5.704	441	445	450	rVV3	364996	683423	5.47%	0.338%
6	5.775	453	457	464	rVB	414347	689969	5.52%	0.341%
7	6.034	492	501	513	rBV5	741786	2520097	20.16%	1.247%
8	6.240	530	536	544	rBV7	552135	1757197	14.06%	0.869%
9	6.393	558	562	577	rVV4	1032502	2889971	23.12%	1.430%
10	6.575	587	593	598	rBV4	468076	815388	6.52%	0.403%
11	6.651	598	606	612	rVB3	341209	861927	6.89%	0.426%
12	6.898	643	648	655	rVV3	1466910	3016221	24.13%	1.492%
13	6.963	655	659	668	rVV4	414002	1018343	8.15%	0.504%
14	7.081	675	679	684	rVV4	568004	1320724	10.56%	0.653%
15	7.140	685	689	693	rVV3	725496	1392333	11.14%	0.689%
16	7.181	693	696	699	rVV2	732731	1141834	9.13%	0.565%
17	7.245	703	707	715	rVV3	1219008	2974833	23.80%	1.472%
18	7.316	715	719	731	rVB4	1127604	2485662	19.88%	1.230%
19	7.475	742	746	752	rVV3	602306	1070598	8.56%	0.530%
20	7.581	757	764	770	rVV5	421529	1080363	8.64%	0.534%
21	7.681	770	781	785	rVV6	664378	2055562	16.44%	1.017%
22	7.734	787	790	794	rVV	657357	1086510	8.69%	0.538%
23	7.781	794	798	802	rVV	975326	1589178	12.71%	0.786%
24	7.828	802	806	811	rVB3	492940	932200	7.46%	0.461%
25	7.881	811	815	820	rBV4	360865	864140	6.91%	0.428%
26	7.945	821	826	830	rVV3	1014200	1808257	14.46%	0.895%
27	7.987	830	833	839	rVV4	559493	1246774	9.97%	0.617%
28	8.045	839	843	850	rVV2	1299591	2325782	18.60%	1.151%
29	8.104	850	853	860	rVB3	330185	688927	5.51%	0.341%
30	8.292	882	885	887	rVV2	475088	722230	5.78%	0.357%
31	8.316	887	889	899	rVB	825400	1314897	10.52%	0.651%
32	8.422	899	907	911	rBV8	501300	1070753	8.56%	0.530%
33	8.504	917	921	932	rVB8	338501	968964	7.75%	0.479%
34	8.598	932	937	942	rBV2	1310645	2467319	19.74%	1.221%

LSC Area Percent Report

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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

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-BM101217.M
Title : SVOA CALIBRATION

35	8.869	971	983	991	rBV4	1688873	4271232	34.16%	2.113%
36	8.957	992	998	1006	rVV4	1091510	2376268	19.01%	1.176%
37	9.075	1013	1018	1020	rBV3	609545	956115	7.65%	0.473%
38	9.116	1021	1025	1033	rVB4	738350	1628425	13.03%	0.806%
39	9.222	1039	1043	1050	rVB4	464481	942393	7.54%	0.466%
40	9.398	1068	1073	1077	rBV	806329	1246238	9.97%	0.617%
41	9.486	1084	1088	1099	rVB3	827579	1732294	13.86%	0.857%
42	9.645	1109	1115	1118	rBV3	333351	719226	5.75%	0.356%
43	9.681	1118	1121	1126	rVB2	608904	936236	7.49%	0.463%
44	9.745	1126	1132	1146	rBV6	956903	2253493	18.03%	1.115%
45	9.975	1164	1171	1177	rBV5	494023	1257030	10.05%	0.622%
46	10.151	1193	1201	1207	rBV7	248490	744263	5.95%	0.368%
47	10.275	1218	1222	1228	rVV2	398857	795529	6.36%	0.394%
48	10.581	1269	1274	1287	rVB2	1362932	3042099	24.33%	1.505%
49	10.716	1287	1297	1301	rBV3	498446	1215897	9.73%	0.602%
50	11.386	1399	1411	1419	rBV6	277984	1057577	8.46%	0.523%
51	11.580	1440	1444	1448	rVB	519955	681946	5.45%	0.337%
52	12.469	1591	1595	1603	rVB2	363609	633572	5.07%	0.313%
53	12.945	1671	1676	1681	rBV	502517	709000	5.67%	0.351%
54	13.480	1761	1767	1776	rVB	967626	1673146	13.38%	0.828%
55	13.616	1782	1790	1796	rBV	467487	1147316	9.18%	0.568%
56	13.757	1808	1814	1819	rVV	748504	1384721	11.08%	0.685%
57	13.810	1819	1823	1825	rVV	601190	847223	6.78%	0.419%
58	13.845	1825	1829	1833	rVV	885317	1307574	10.46%	0.647%
59	13.892	1833	1837	1844	rVB2	1012524	1408583	11.27%	0.697%
60	14.133	1872	1878	1881	rBV	852980	1460219	11.68%	0.722%
61	14.439	1924	1930	1935	rVV2	1692373	2776571	22.21%	1.374%
62	14.504	1936	1941	1948	rVB3	373491	767197	6.14%	0.380%
63	14.833	1991	1997	2005	rVB3	412517	798306	6.39%	0.395%
64	15.433	2094	2099	2103	rVV	1039136	1499209	11.99%	0.742%
65	15.486	2103	2108	2119	rVB2	631040	1232735	9.86%	0.610%
66	15.668	2133	2139	2149	rVB4	328038	724435	5.79%	0.358%
67	16.151	2214	2221	2233	rVB2	654289	1236959	9.89%	0.612%
68	17.186	2392	2397	2400	rBV2	1968350	2791511	22.33%	1.381%
69	17.233	2400	2405	2410	rVV	6512550	9070008	72.55%	4.487%
70	17.286	2410	2414	2417	rVV2	1071744	1515033	12.12%	0.750%
71	17.321	2417	2420	2425	rVB	1236435	1656541	13.25%	0.820%

LSC Area Percent Report

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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

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-BM101217.M
Title : SVOA CALIBRATION

72	18.062	2541	2546	2550	rBV	1359481	1930886	15.44%	0.955%
73	18.109	2550	2554	2561	rVB	1436008	2076897	16.61%	1.027%
74	18.192	2564	2568	2573	rVV	604562	887454	7.10%	0.439%
75	18.262	2573	2580	2583	rVV2	1546604	2947981	23.58%	1.458%
76	18.292	2583	2585	2591	rVB	812222	1139692	9.12%	0.564%
77	18.456	2609	2613	2619	rBV2	562599	854441	6.83%	0.423%
78	18.562	2627	2631	2635	rBV	869788	1142602	9.14%	0.565%
79	18.621	2637	2641	2648	rVB3	459670	881954	7.05%	0.436%
80	18.792	2665	2670	2677	rBV2	1919121	2956891	23.65%	1.463%
81	18.927	2686	2693	2697	rVB2	540149	1039002	8.31%	0.514%
82	18.980	2698	2702	2707	rBV	841697	1301833	10.41%	0.644%
83	19.139	2723	2729	2738	rBV5	446134	1004298	8.03%	0.497%
84	19.251	2743	2748	2752	rVV	9396248	12501782	100.00%	6.185%
85	19.292	2752	2755	2761	rVV2	1455835	1976295	15.81%	0.978%
86	19.586	2800	2805	2806	rBV2	2398376	3230206	25.84%	1.598%
87	19.615	2806	2810	2817	rVV	9248226	12374158	98.98%	6.122%
88	19.686	2819	2822	2827	rVB	545122	754267	6.03%	0.373%
89	20.021	2875	2879	2883	rVB	813856	1018859	8.15%	0.504%
90	20.209	2908	2911	2914	rBV	635695	693643	5.55%	0.343%
91	20.409	2942	2945	2948	rBV	648262	731553	5.85%	0.362%
92	20.862	3019	3022	3026	rVB	909834	1084892	8.68%	0.537%
93	21.021	3046	3049	3052	rBV2	920865	1194828	9.56%	0.591%
94	21.056	3052	3055	3059	rVB	1147636	1404279	11.23%	0.695%
95	21.362	3103	3107	3112	rBV2	6186220	11568357	92.53%	5.723%
96	21.409	3112	3115	3125	rVB	5356562	7267288	58.13%	3.595%
97	22.986	3378	3383	3388	rBV	3635871	7792799	62.33%	3.855%
98	23.480	3463	3467	3472	rBV	1838106	2809222	22.47%	1.390%
99	23.580	3480	3484	3492	rVB	3184393	5771482	46.17%	2.855%
100	23.680	3497	3501	3505	rVB	1754649	2807643	22.46%	1.389%

Sum of corrected areas: 202135539

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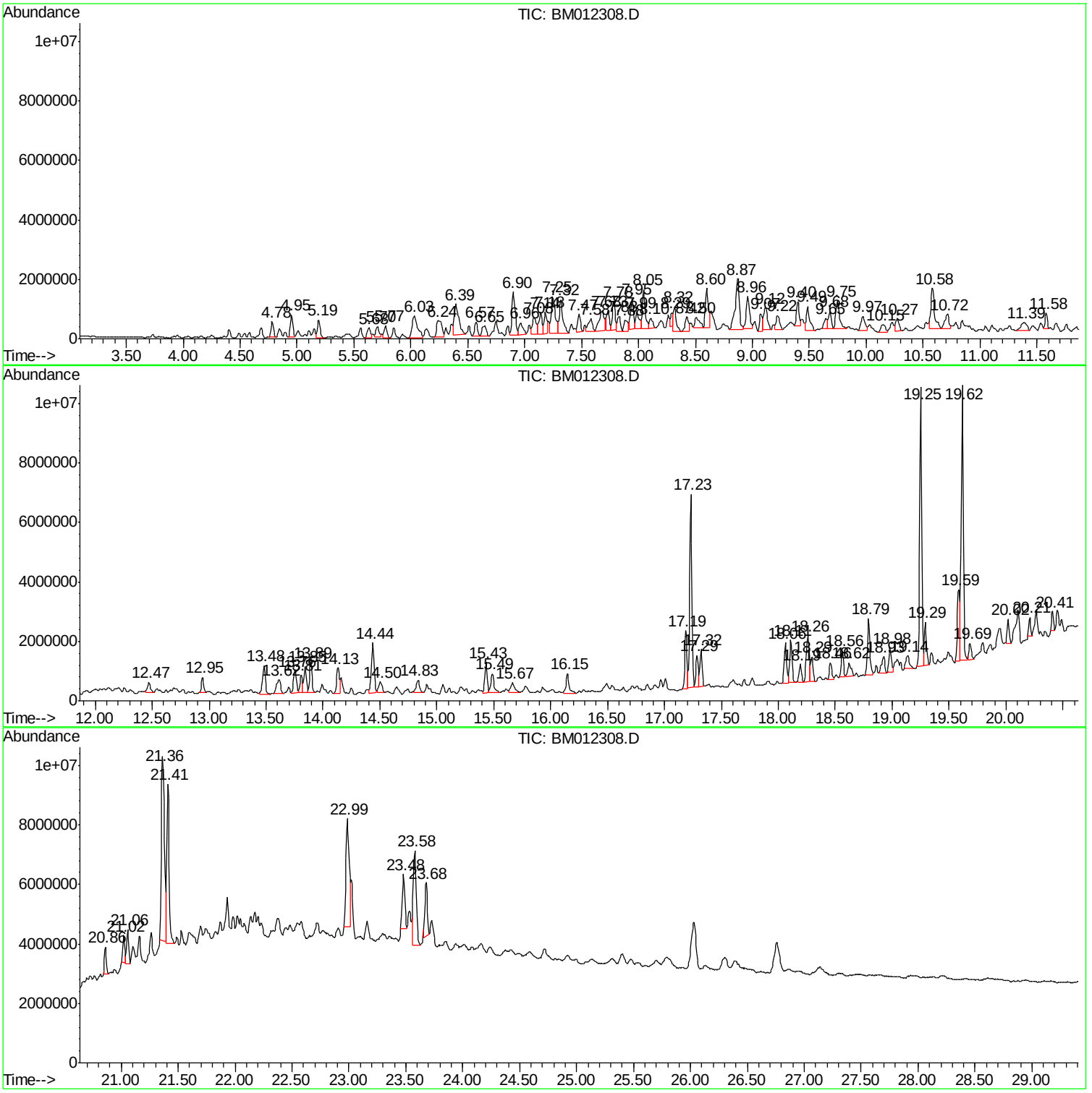
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

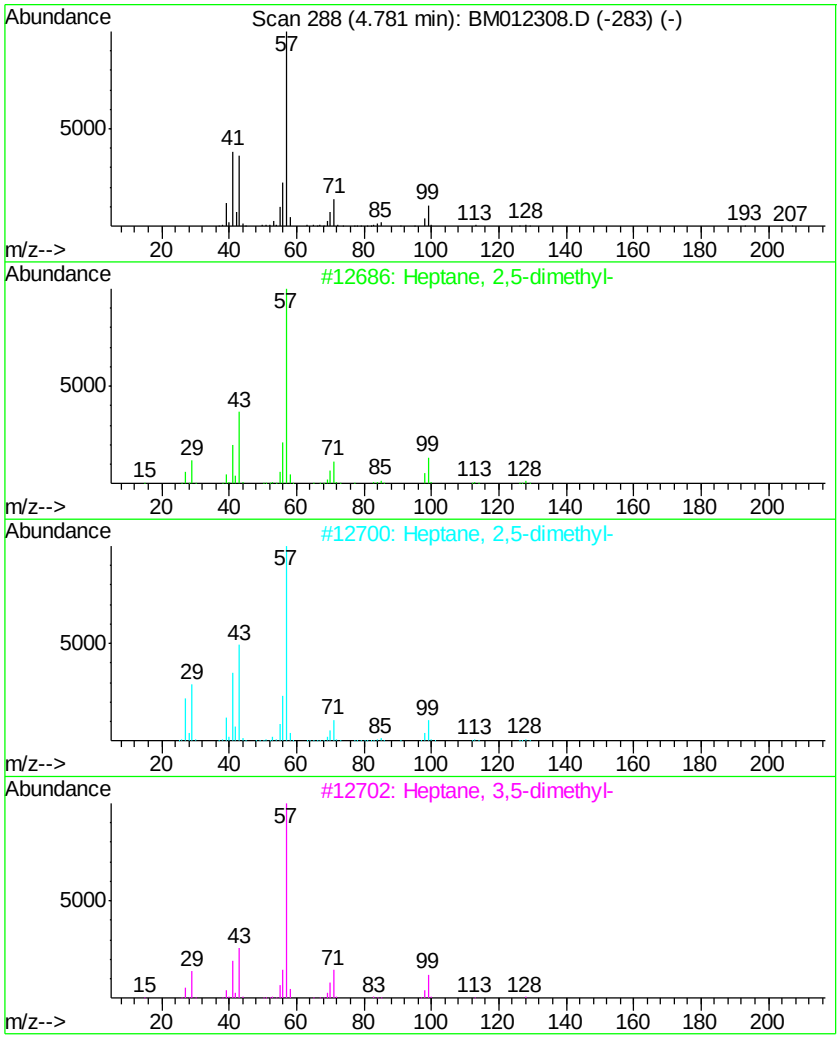
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

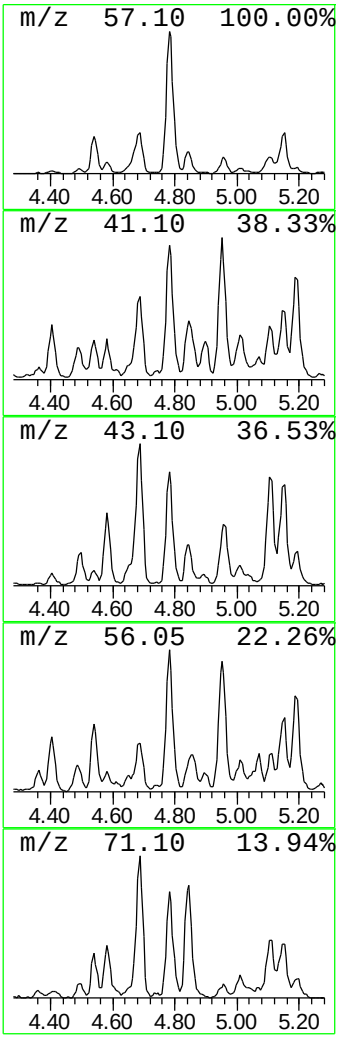
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	10.02 ng/ul	796515	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Octane, 3-methyl-	128	C9H20	002216-33-3	83





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Sample : I5783-01 2X
Misc :
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Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

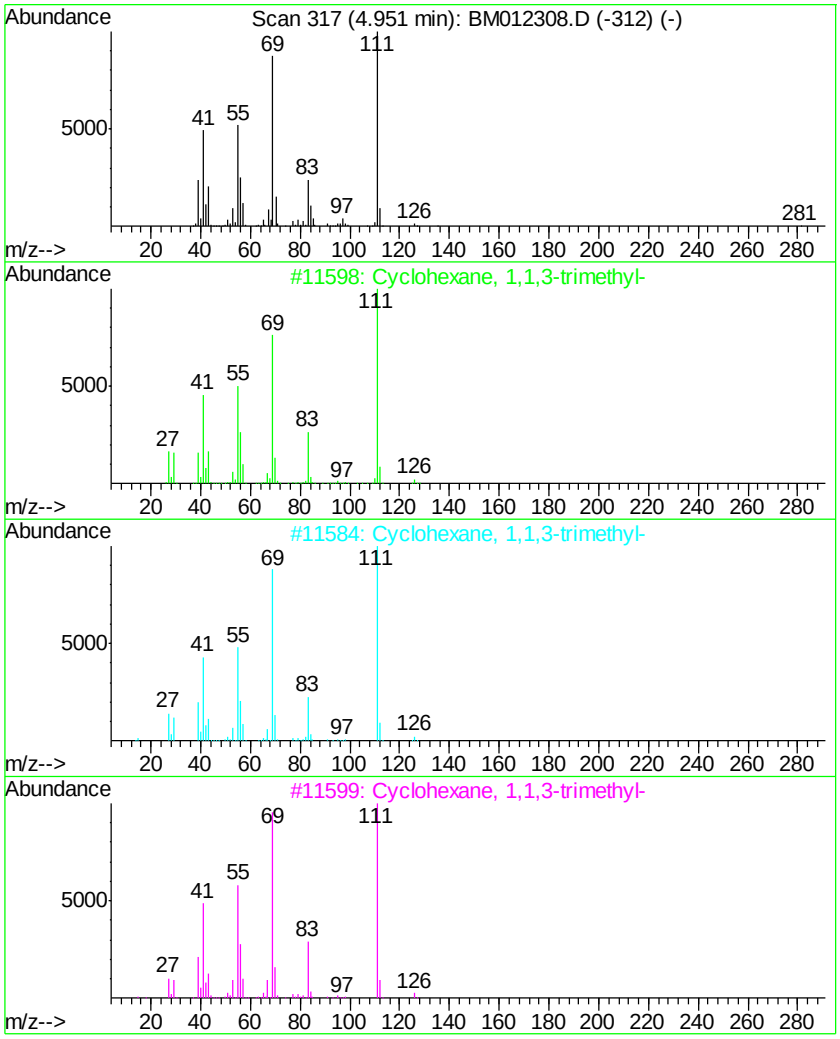
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

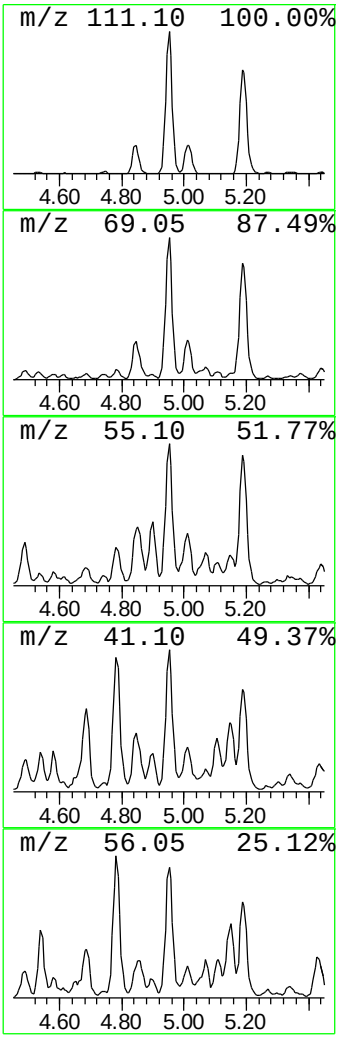
****

Peak Number 2 (DEL) Alkane: Cyclic4.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	14.92 ng/ul	1185410	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





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ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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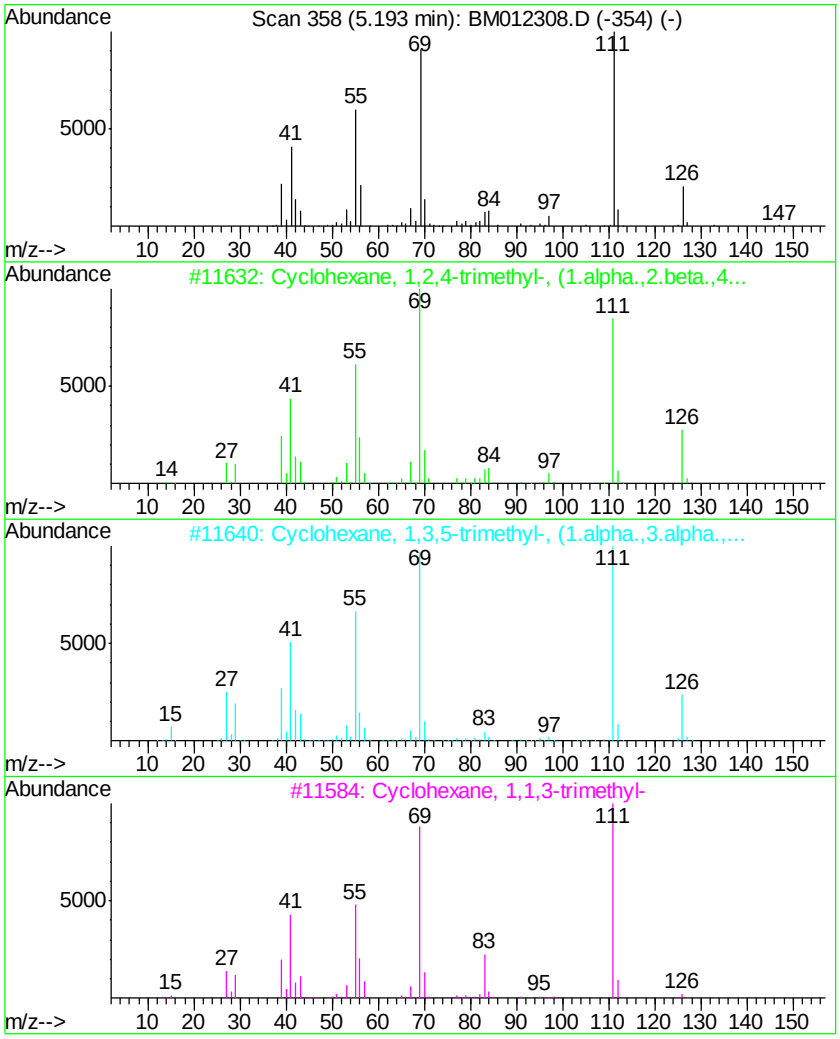
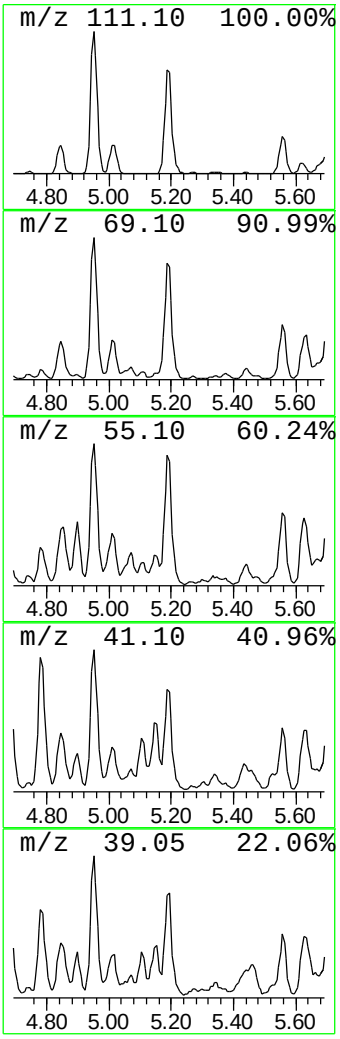
Peak Number 3 (DEL) Alkane: Cyclic5.19 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.23 ng/ul	971728	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80





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Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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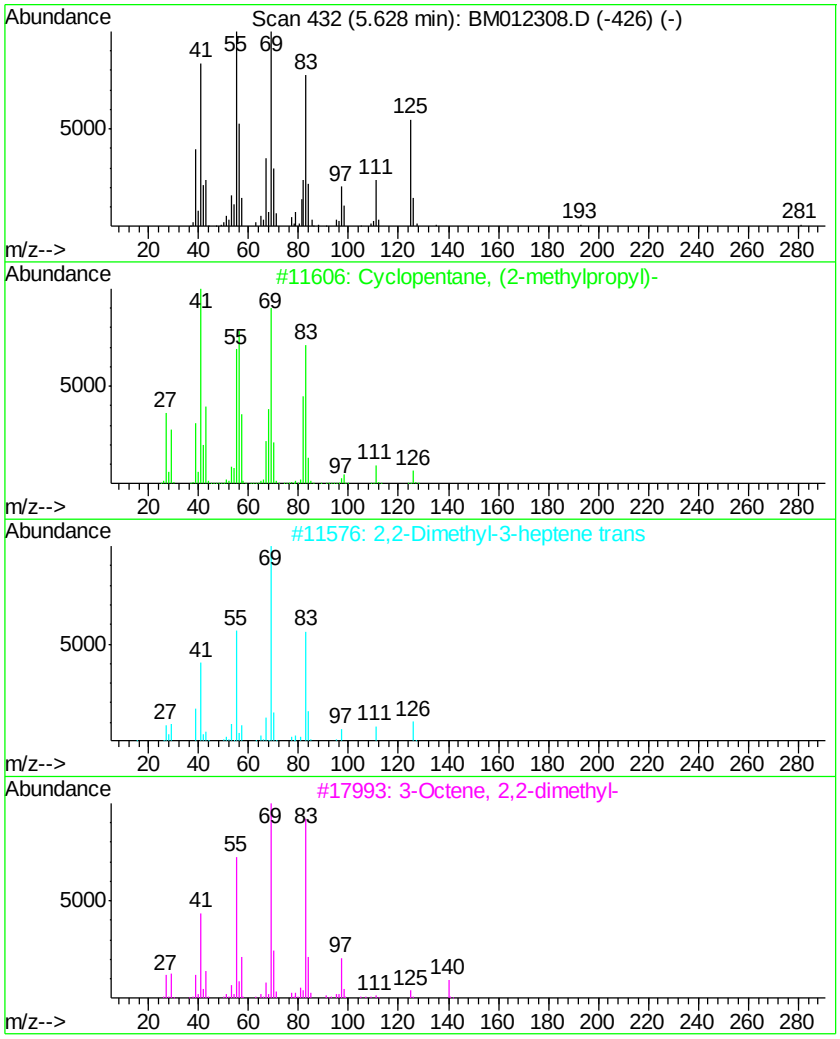
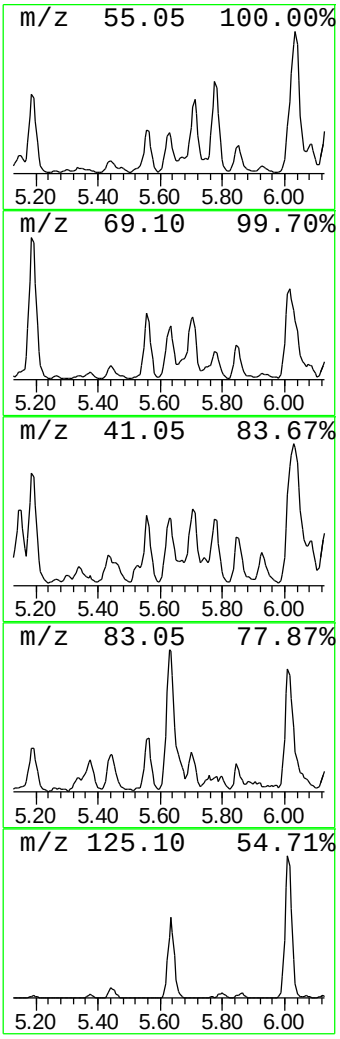
Peak Number 4 (DEL) Alkane: Cyclic5.63 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	8.56 ng/ul	679907	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	53
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49
3	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	38
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	35





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Data File : BM012308.D
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

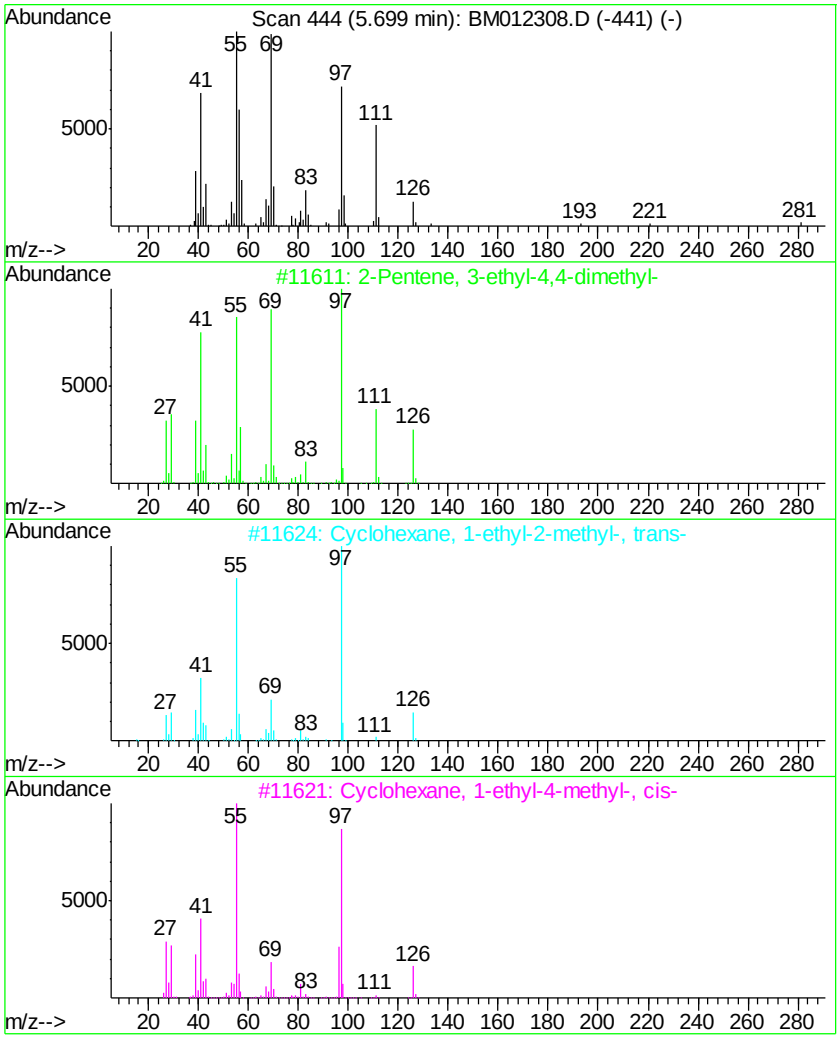
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

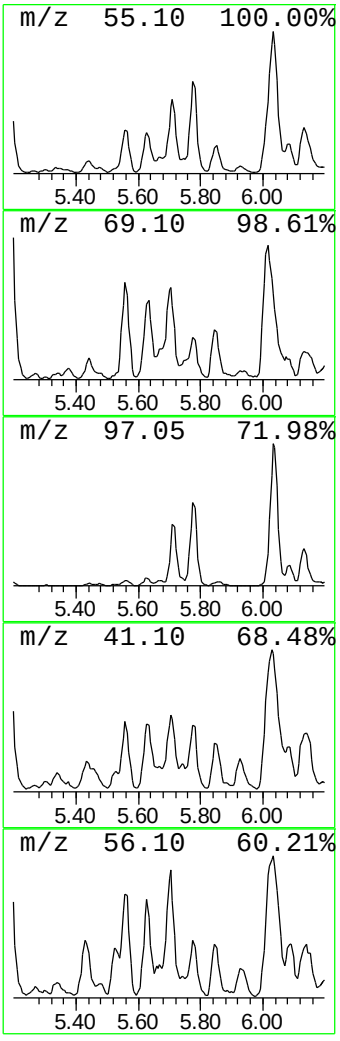
****

Peak Number 5 (DEL) Alkane: Cyclic5.70 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.60 ng/ul	683423	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	70
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	50
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	49





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-28(1.5-2.75)-100917

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Quant Title : SVOA CALIBRATION

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

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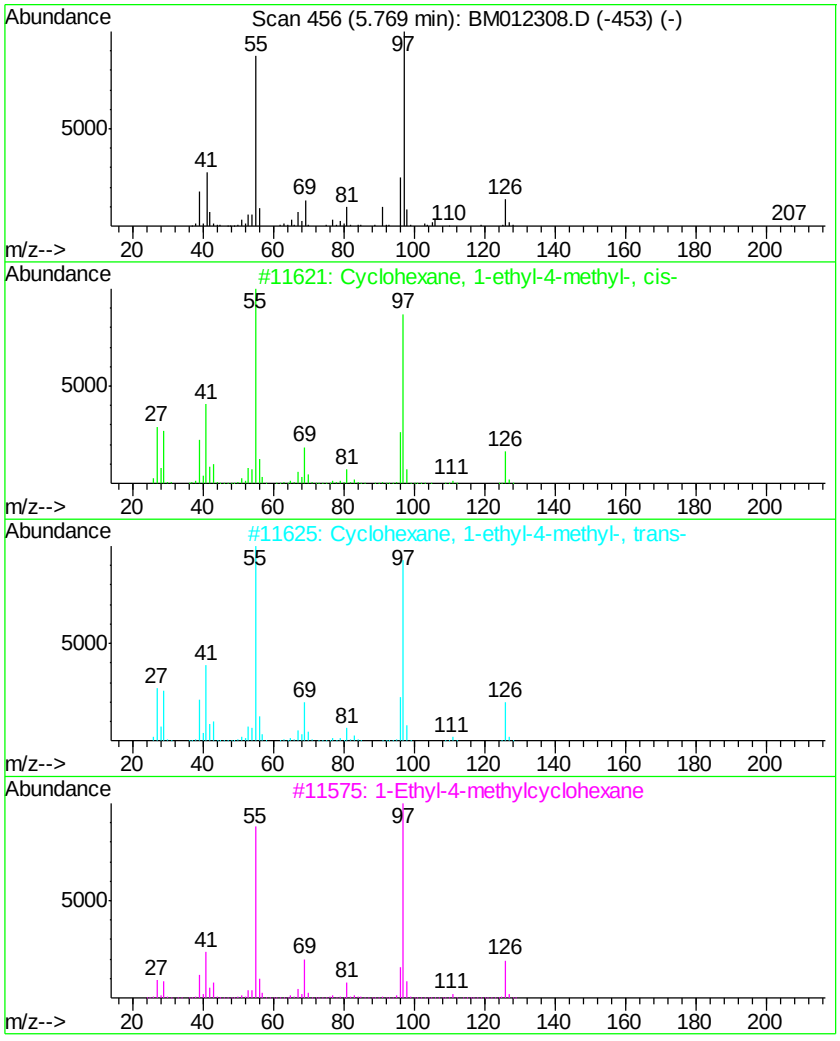
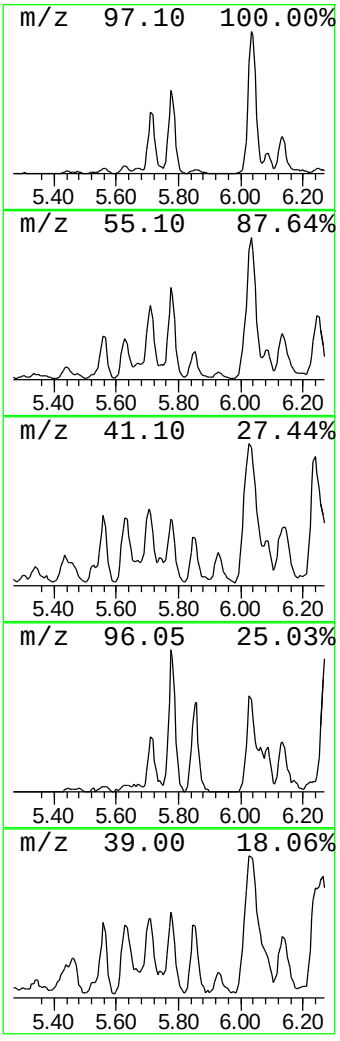
Peak Number 6 (DEL) Alkane: Cyclic5.77 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	8.68 ng/ul	689969	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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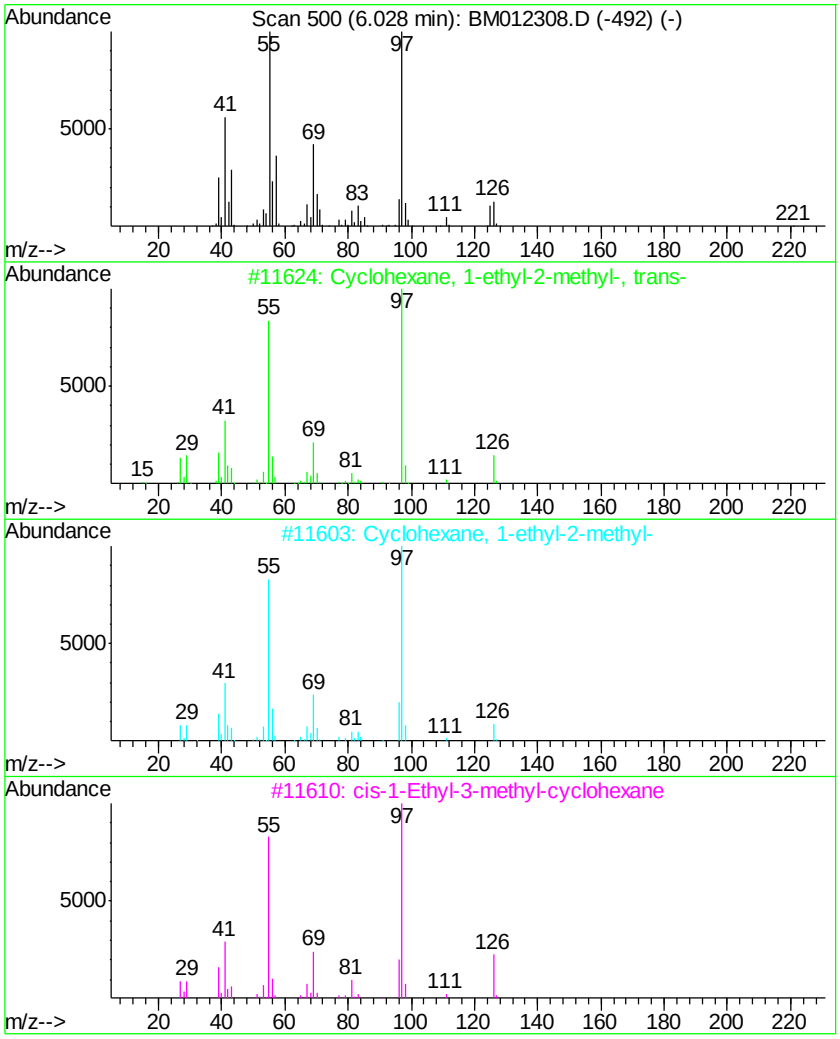
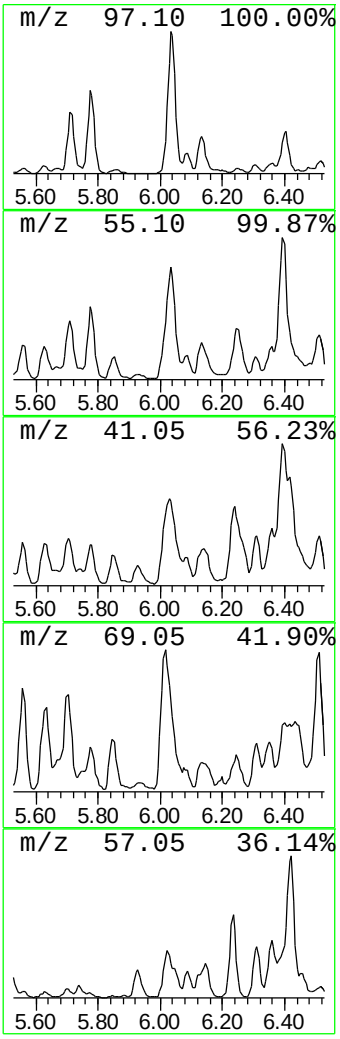
Peak Number 7 (DEL) Alkane: Cyclic6.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	31.72 ng/ul	2520100	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68





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Instrument :
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ClientSampleId :
B-28(1.5-2.75)-100917

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Quant Title : SVOA CALIBRATION

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

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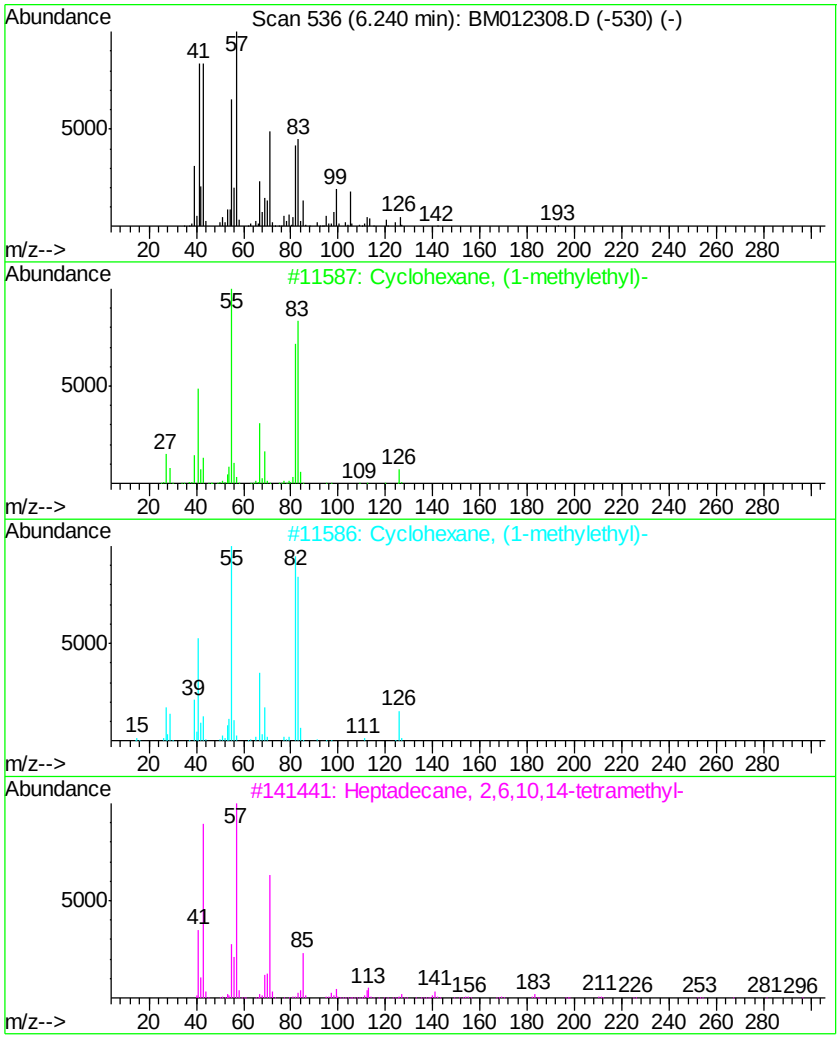
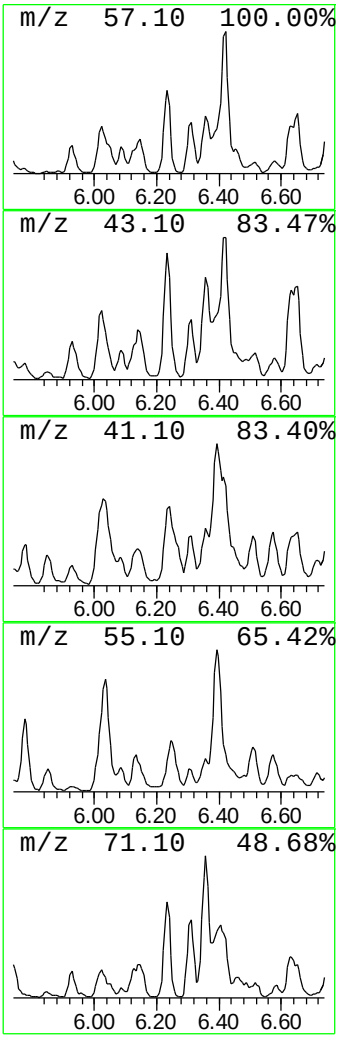
Peak Number 8 (DEL) Alkane: Cyclic6.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	22.11 ng/ul	1757200	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	27
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	22
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	22





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Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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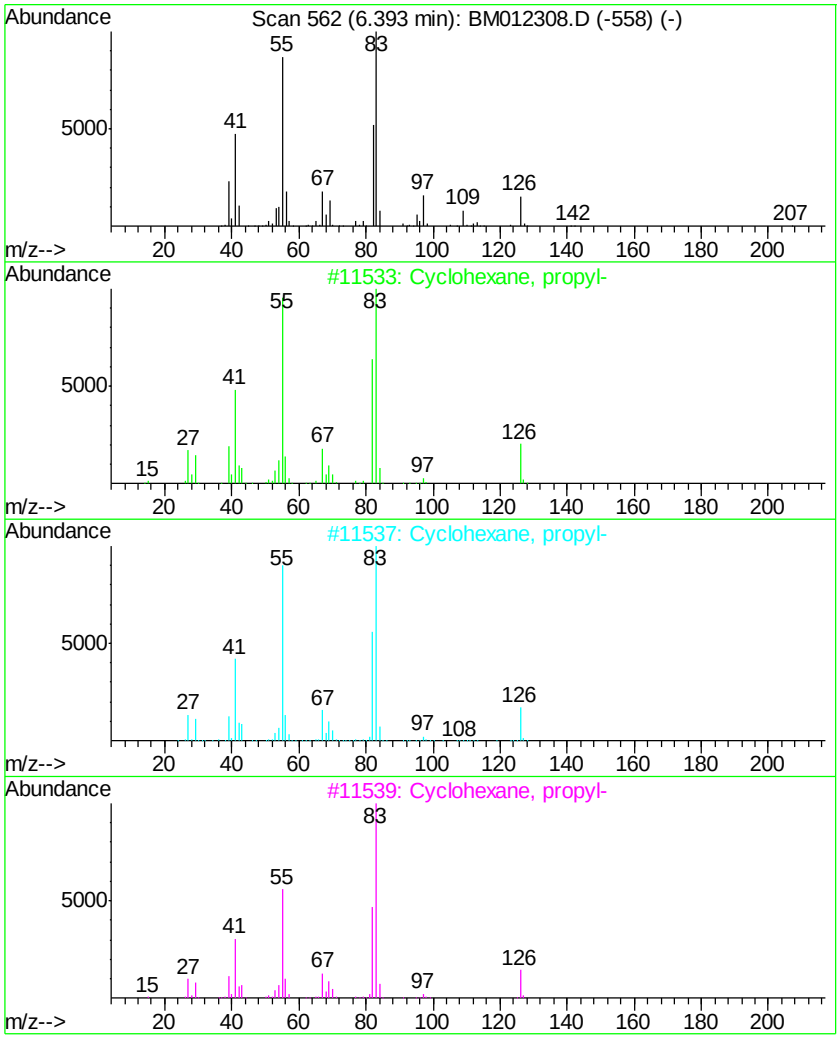
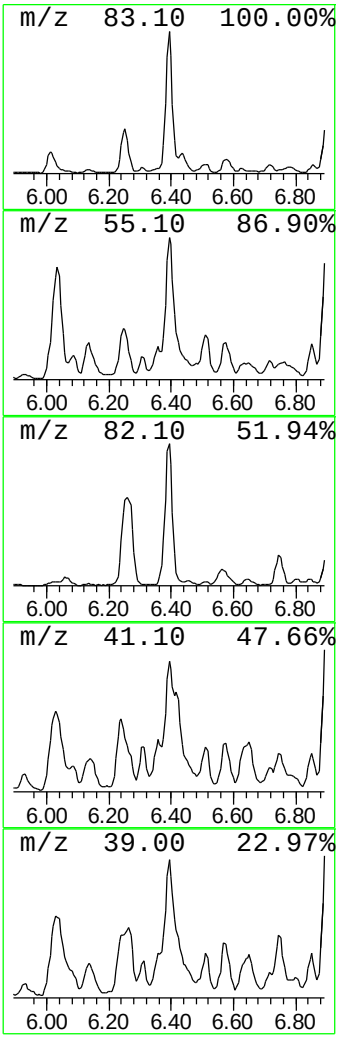
Peak Number 9 (DEL) Alkane: Cyclic6.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	36.37 ng/ul	2889970	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80





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ALS Vial : 27 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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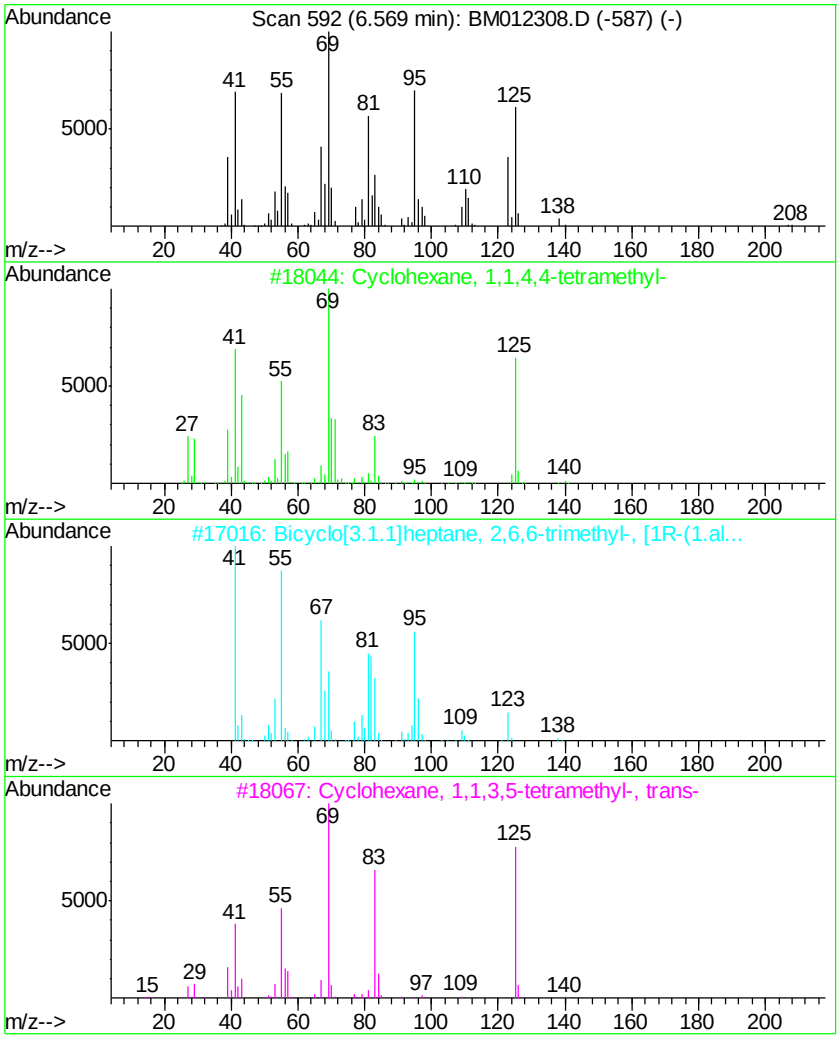
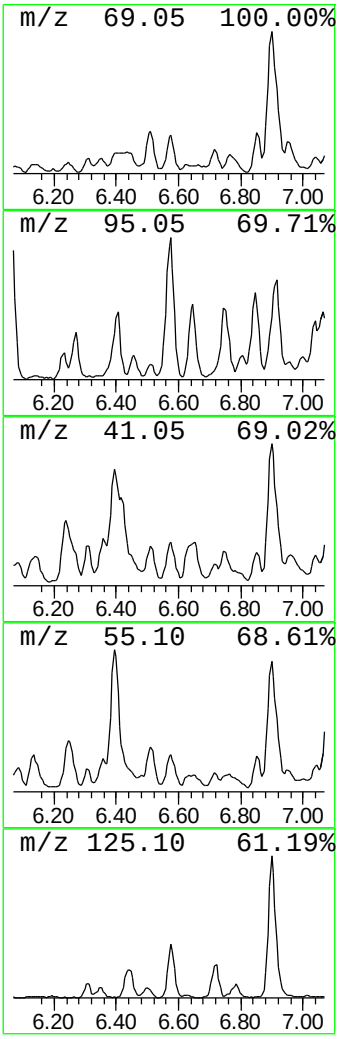
Peak Number 10 (DEL) Alkane: Cyclic6.57 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	10.26 ng/ul	815388	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	46
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	42
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	25
5	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	25





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Instrument :
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ClientSampleId :
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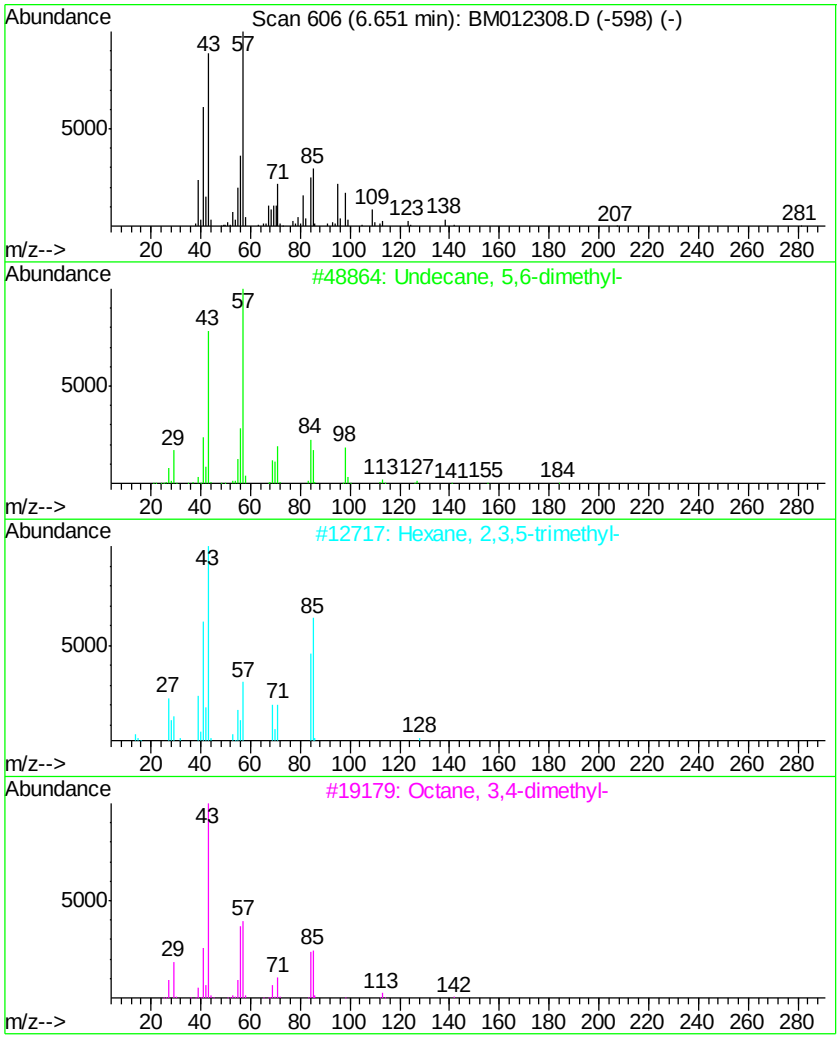
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

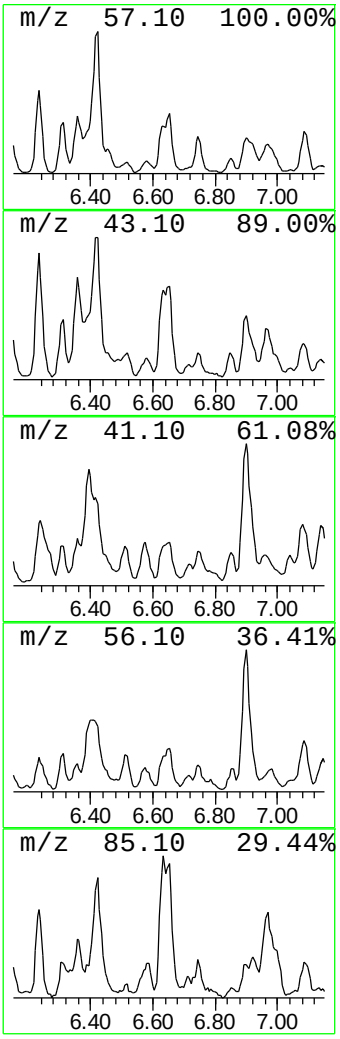
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	10.85 ng/ul	861927	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	52
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	35





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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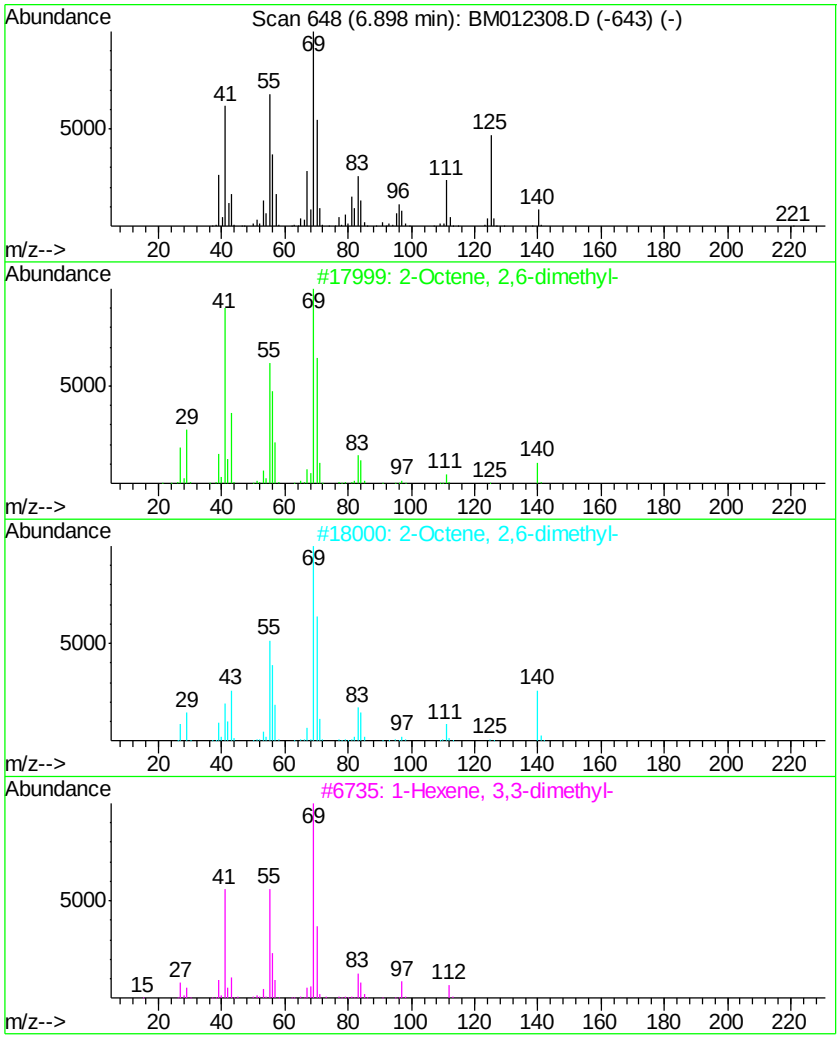
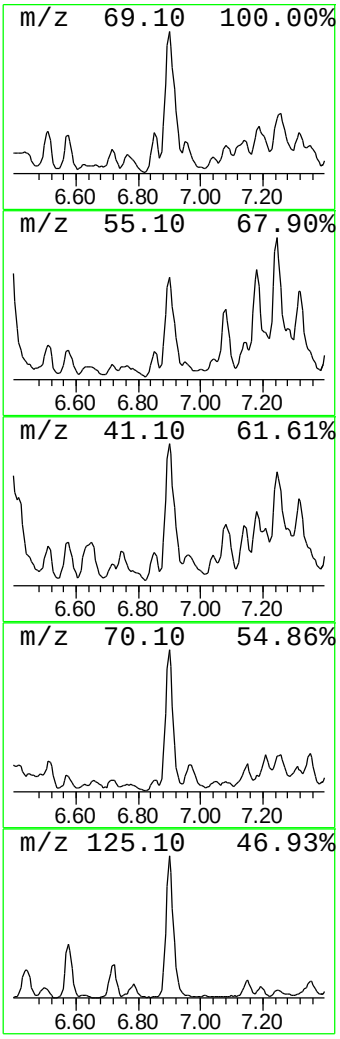
Peak Number 12 (DEL) Alkane: Cyclic6.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	37.96 ng/ul	3016220	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	43
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	43





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Misc :
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Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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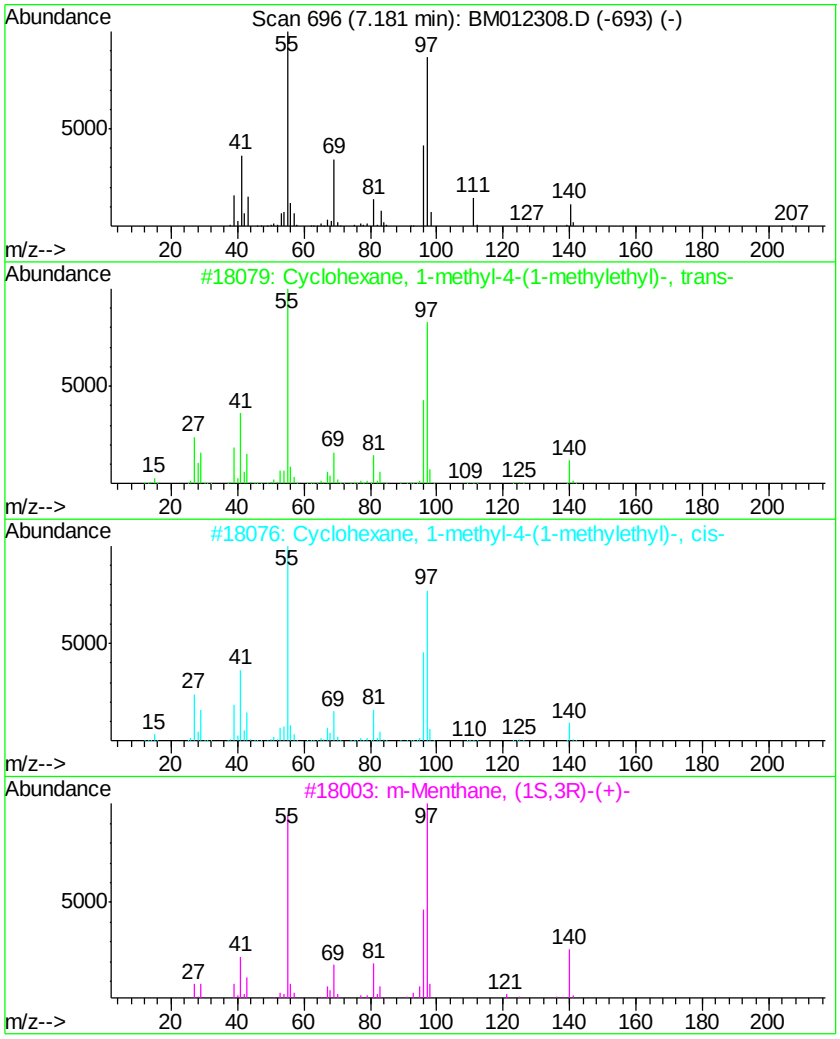
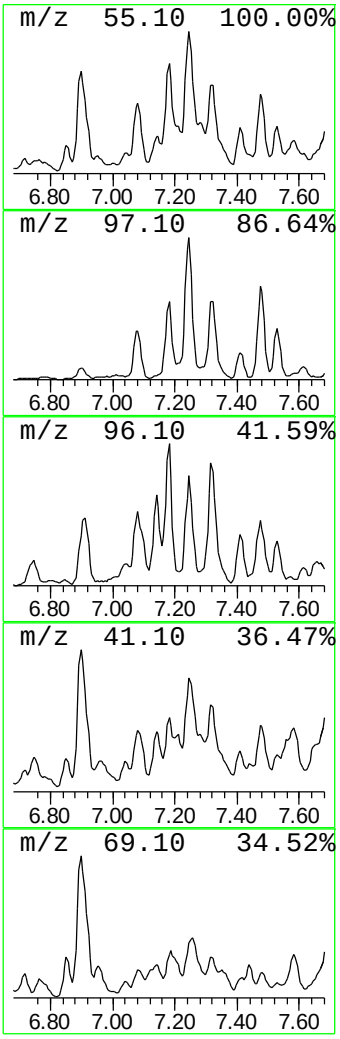
Peak Number 13 (DEL) Alkane: Cyclic7.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	14.37 ng/ul	1141830	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	90
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	83
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83





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Quant Title : SVOA CALIBRATION

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

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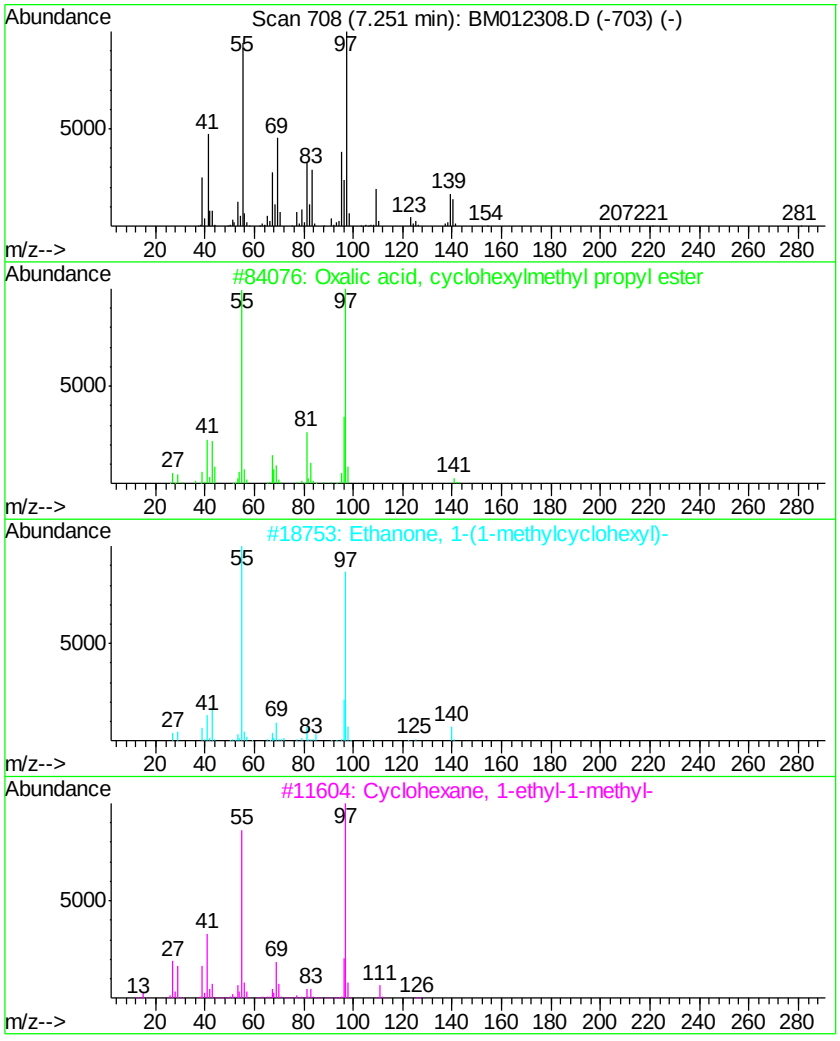
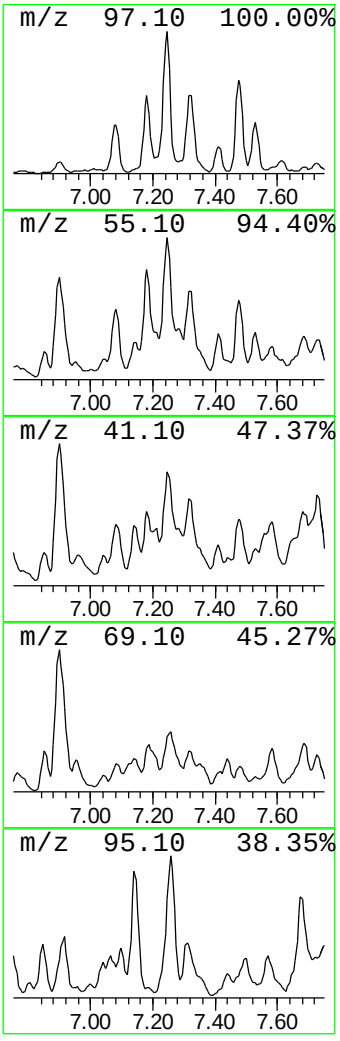
Peak Number 14 Oxalic acid, cyclohexylmeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	37.44 ng/ul	2974830	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	64
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53





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Quant Title : SVOA CALIBRATION

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

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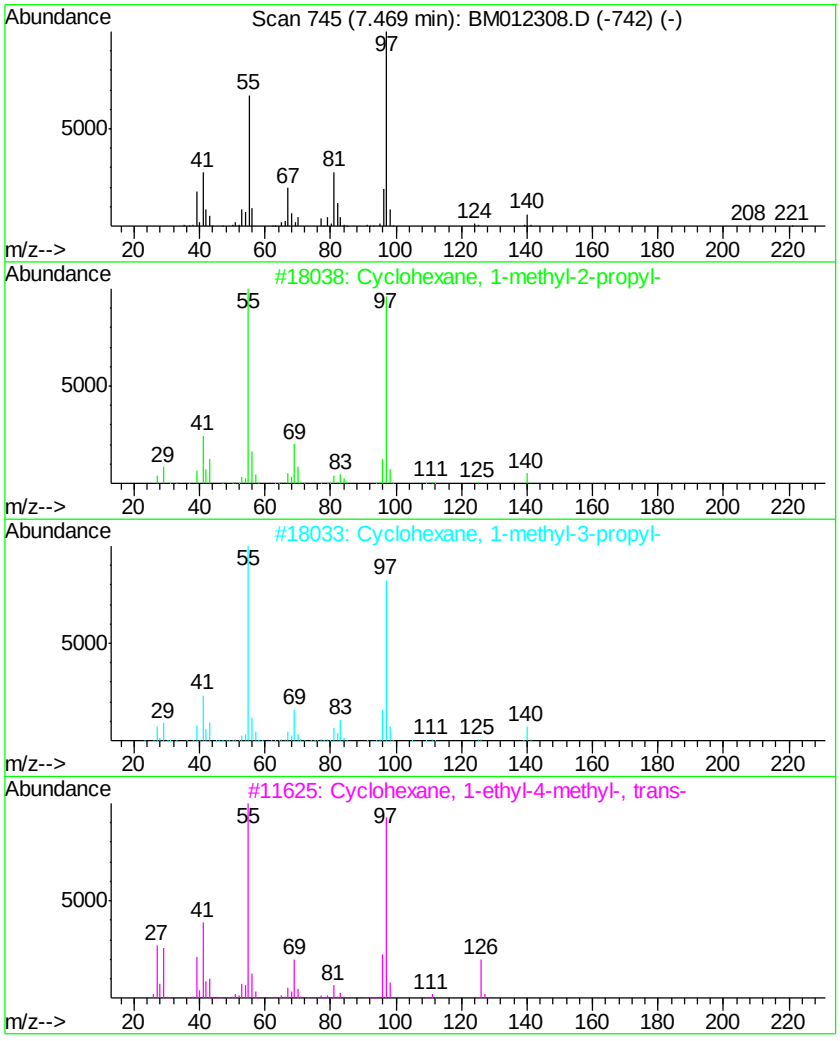
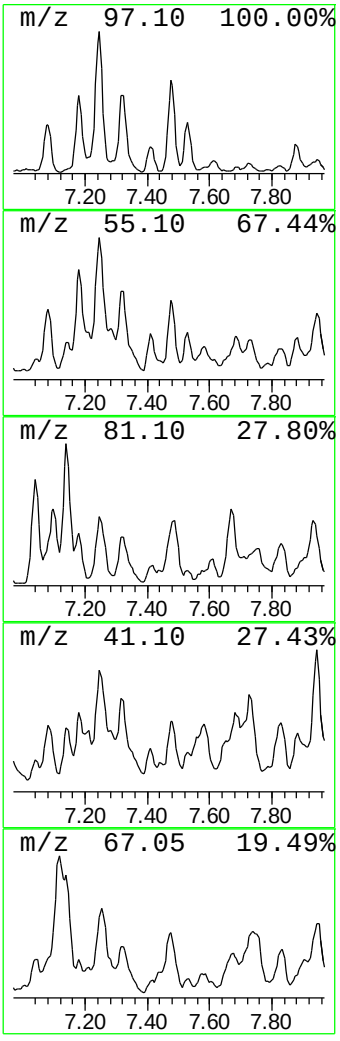
Peak Number 15 (DEL) Alkane: Cyclic7.47 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	13.47 ng/ul	1070600	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	78
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	72
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72





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Quant Title : SVOA CALIBRATION

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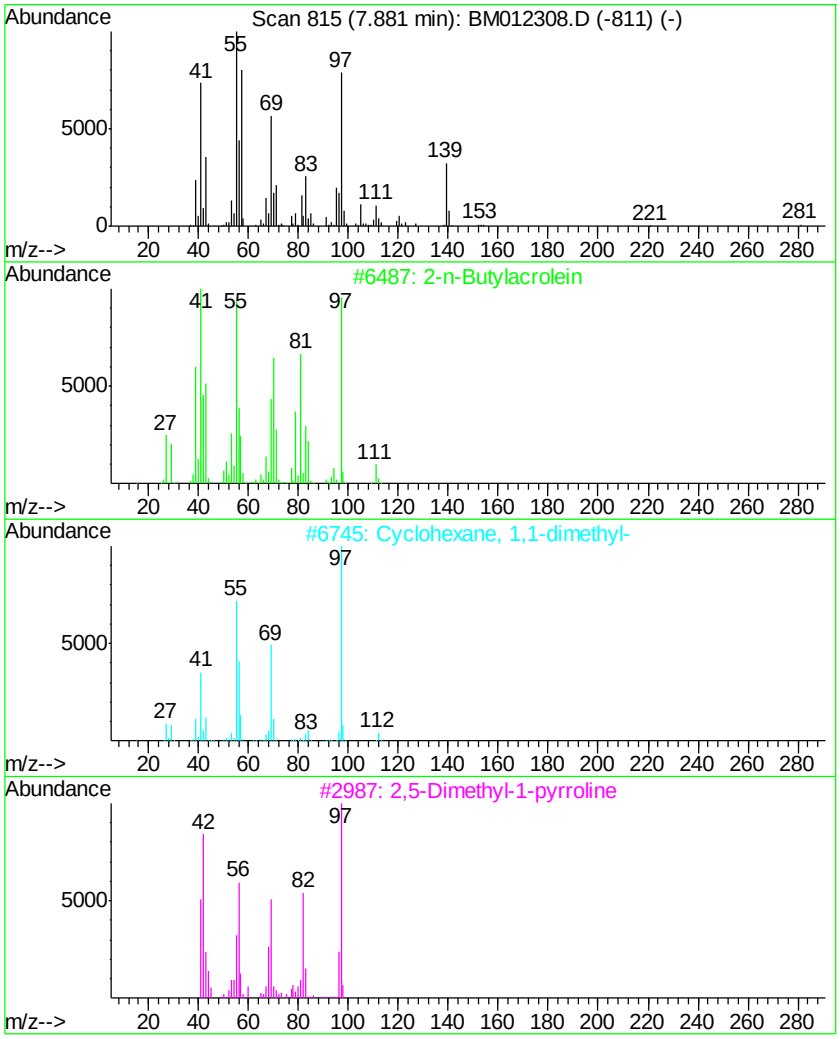
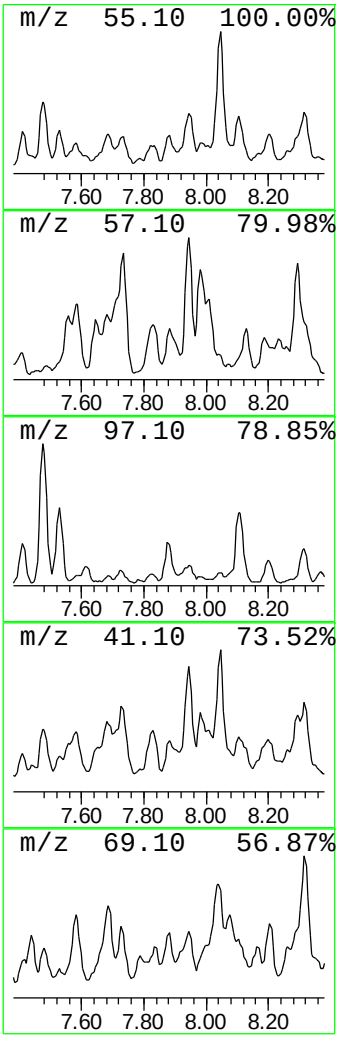
Peak Number 18 2-n-Butylacrolein Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	10.88 ng/ul	864140	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-n-Butylacrolein	112	C7H12O	001070-66-2	52
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
3	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	43
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	43
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43





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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(1.5-2.75)-100917

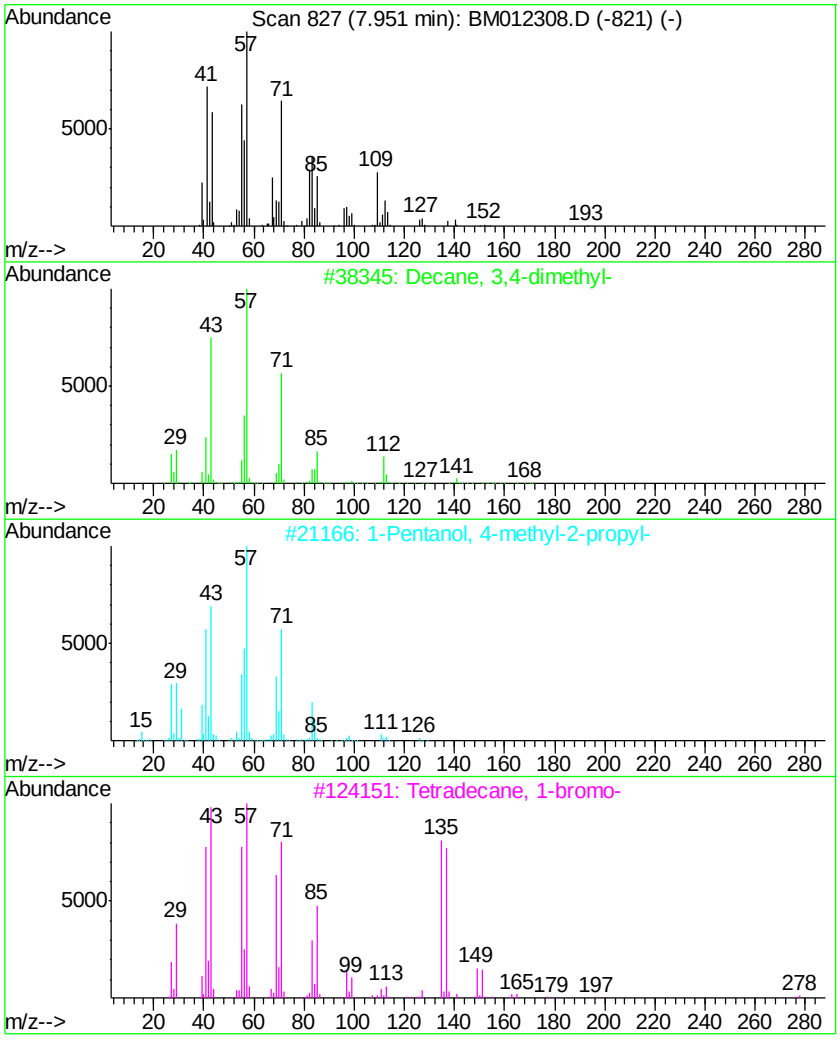
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

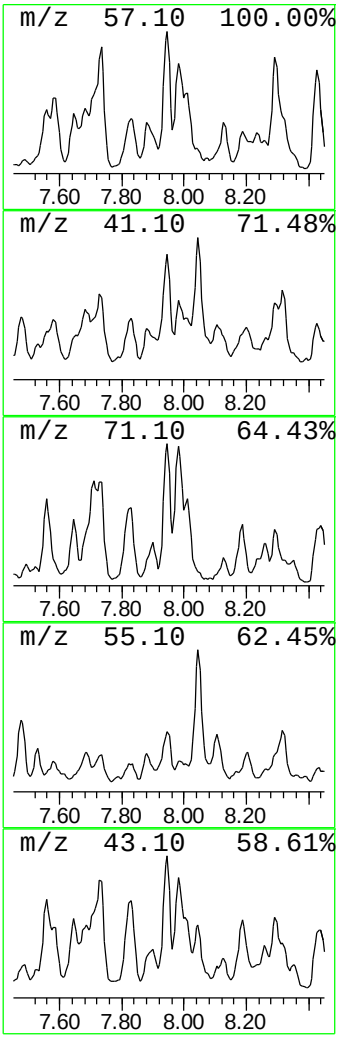
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	22.76 ng/ul	1808260	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	47
2	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	47
3	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	46
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
5	Tetratetracontane	619	C44H90	007098-22-8	43





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

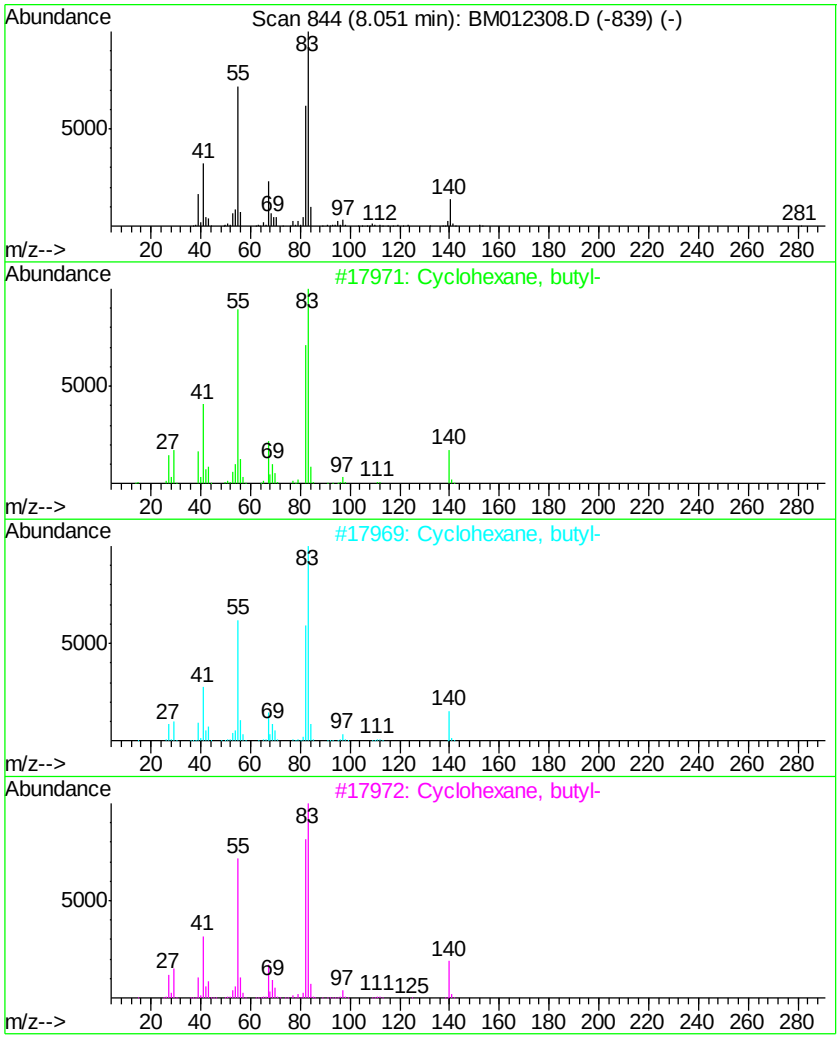
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

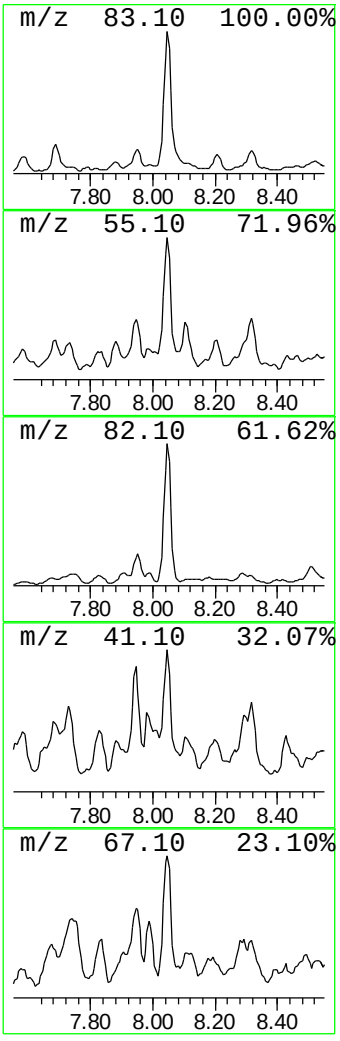
****

Peak Number 21 (DEL) Alkane: Cyclic8.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	29.27 ng/ul	2325780	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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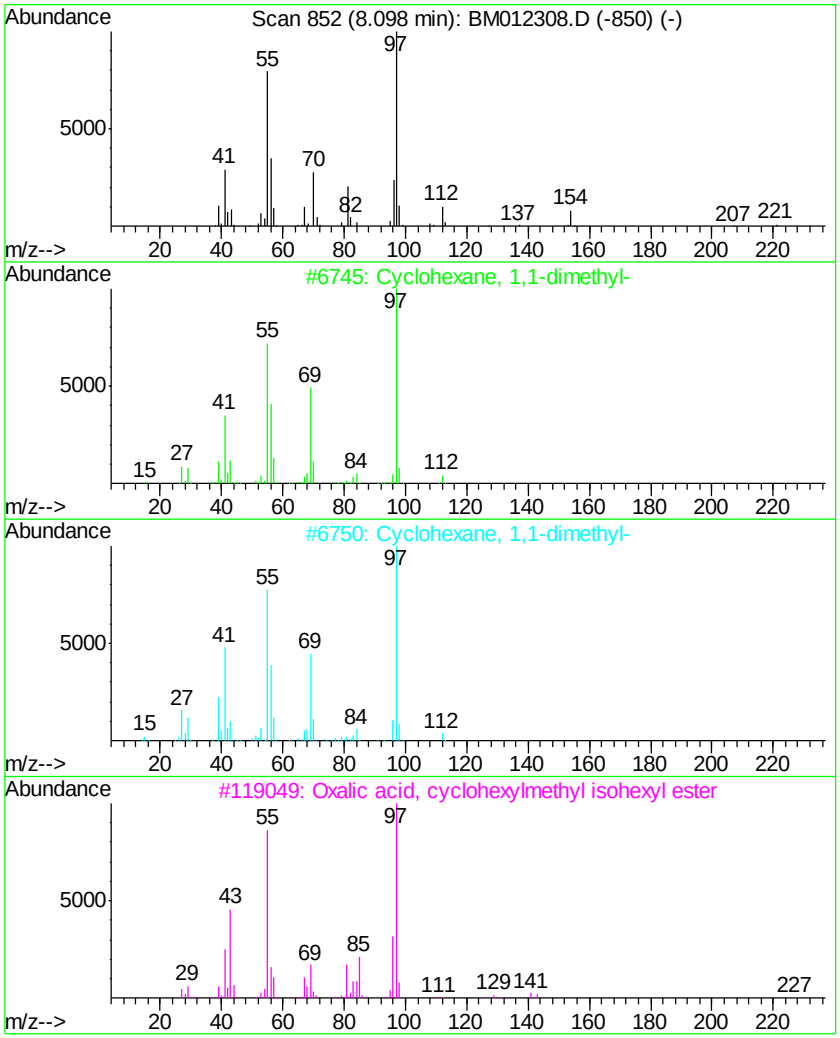
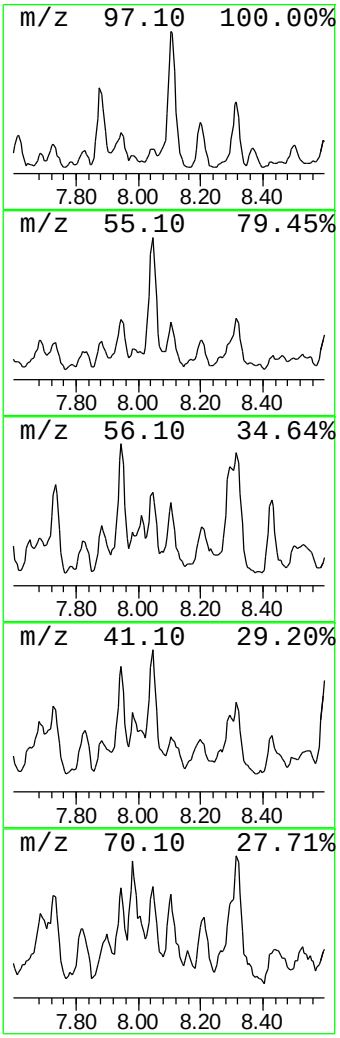
Peak Number 22 (DEL) Alkane: Cyclic8.10 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	8.67 ng/ul	688927	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	59
4	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	59
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	59





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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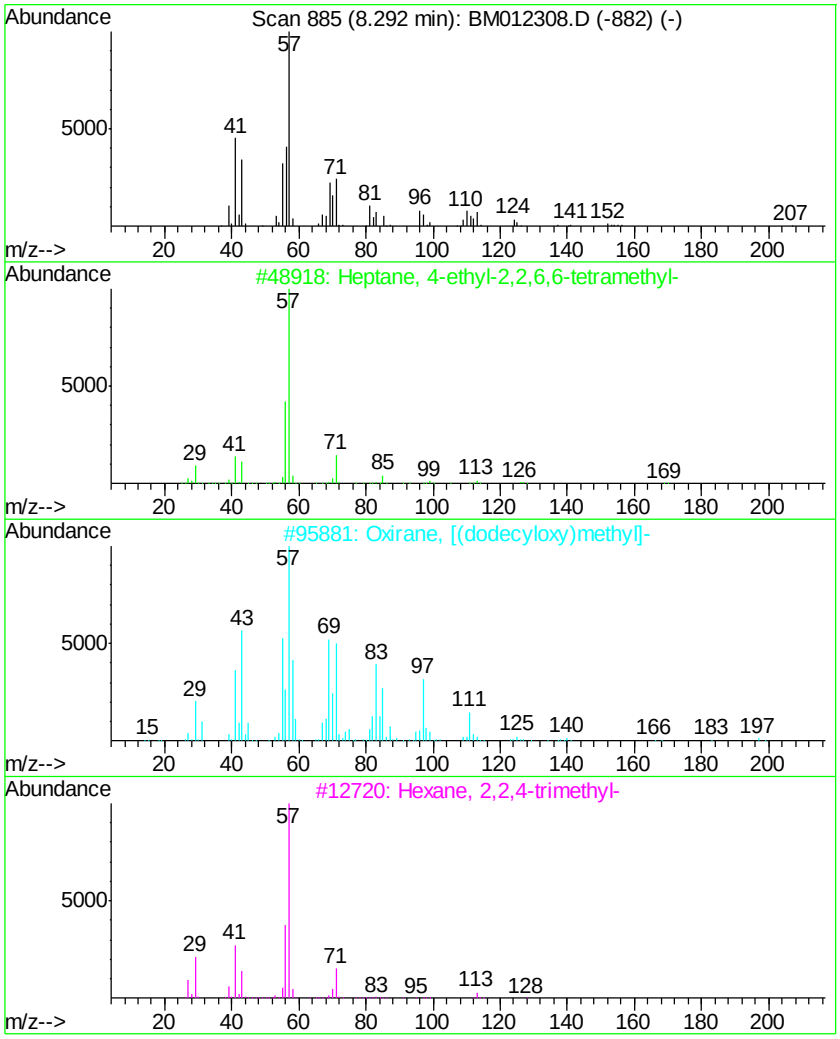
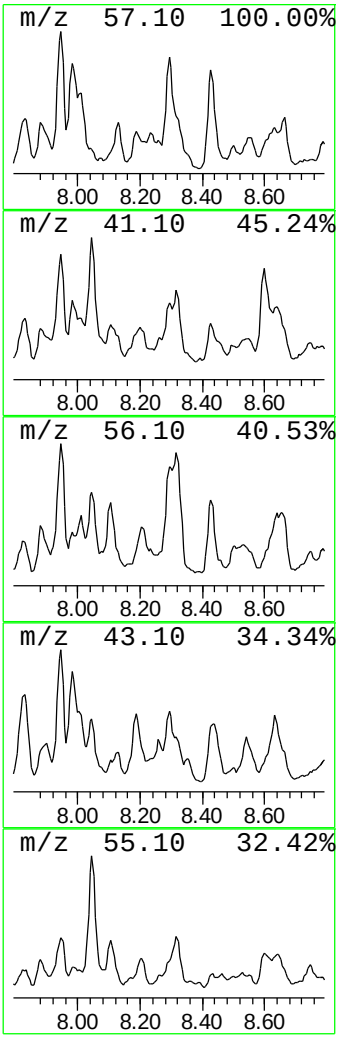
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	9.09 ng/ul	722230	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	40
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
5	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	38





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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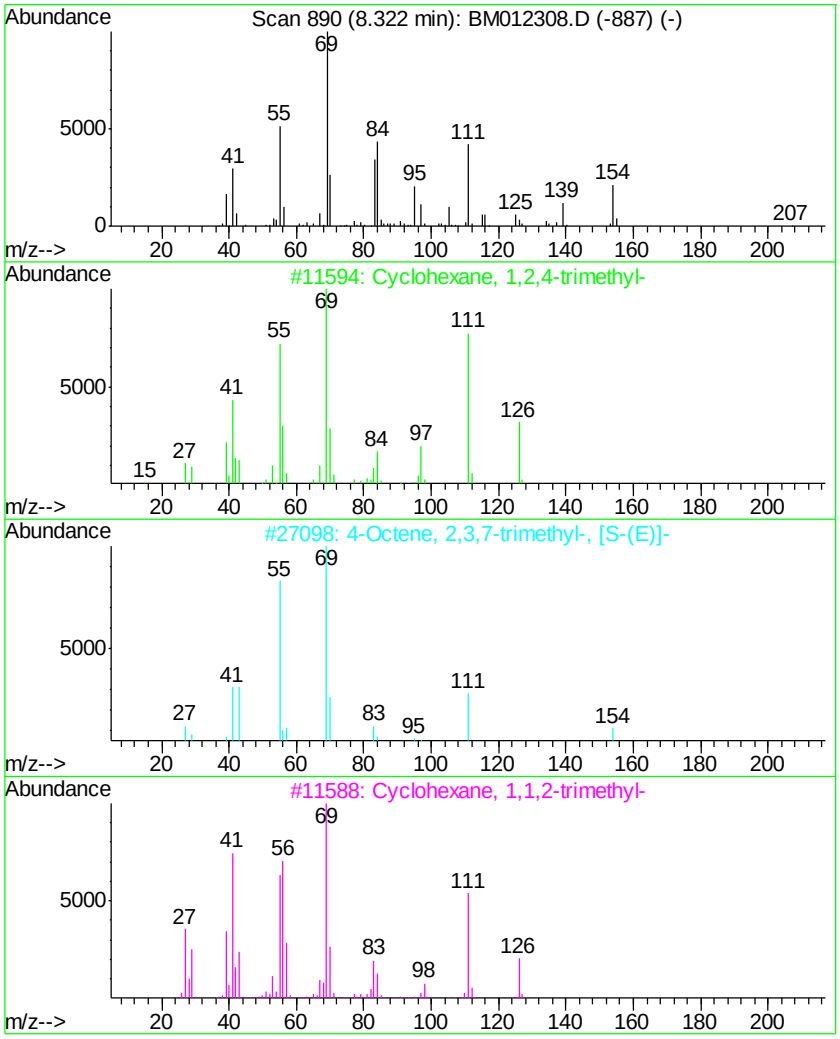
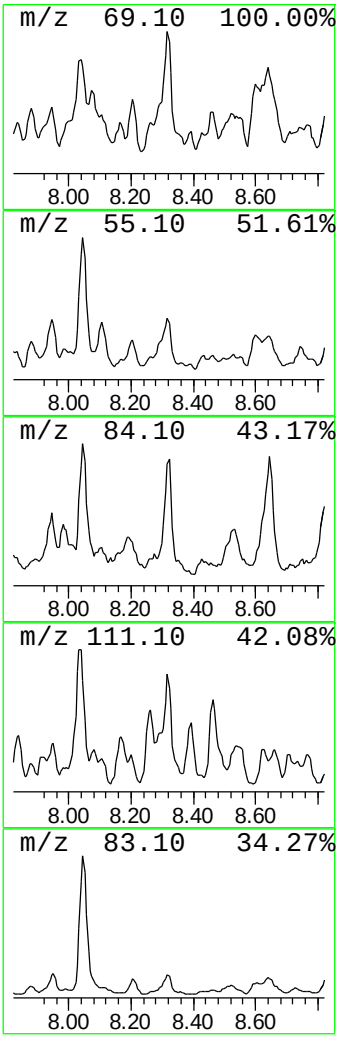
Peak Number 24 (DEL) Alkane: Cyclic8.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	16.55 ng/ul	1314900	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
2	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	59
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	59
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	53





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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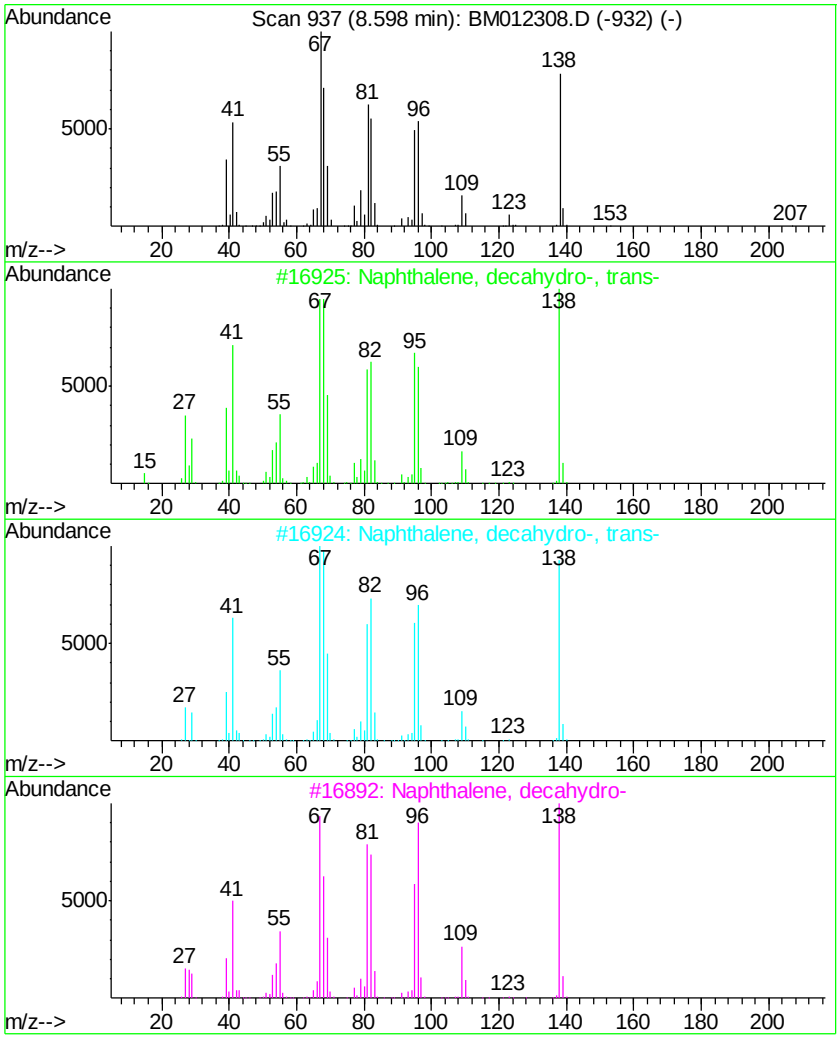
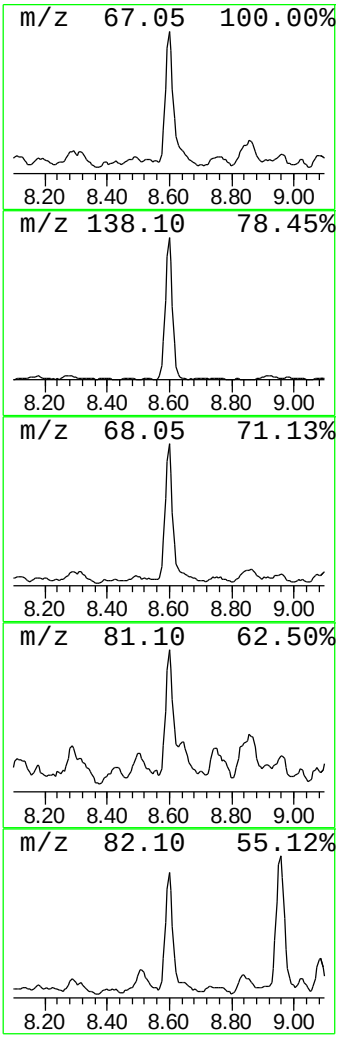
Peak Number 26 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	31.05 ng/ul	2467320	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	93





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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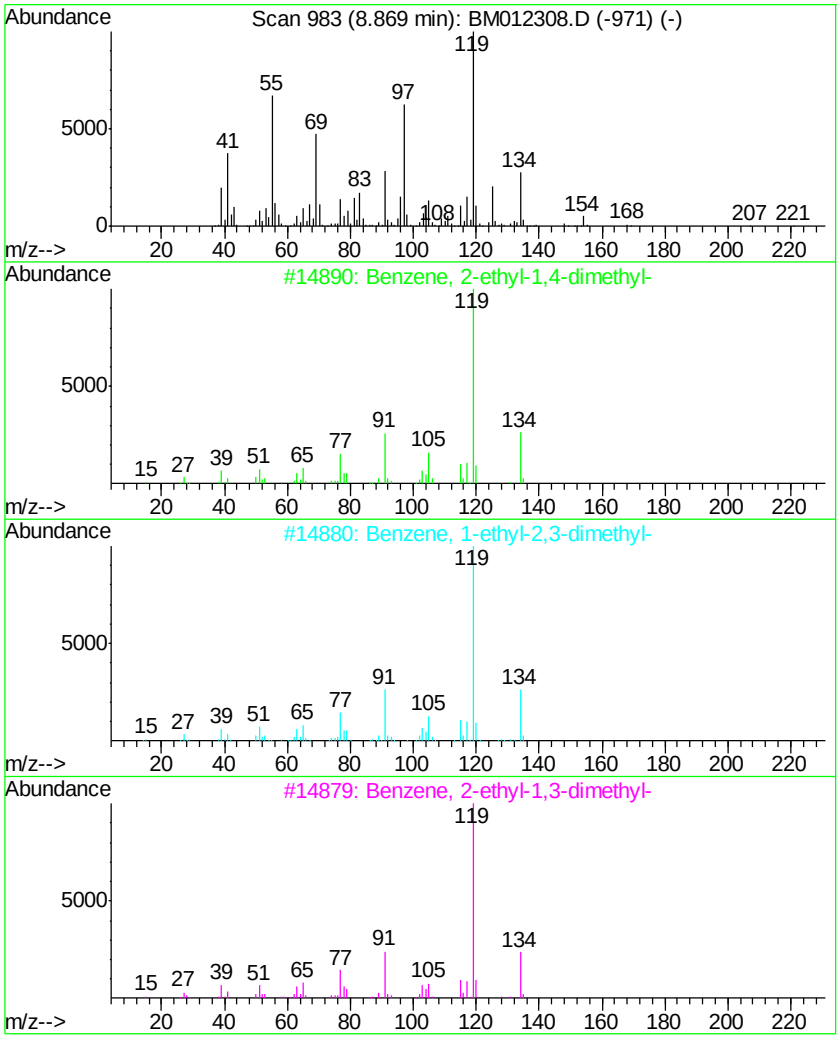
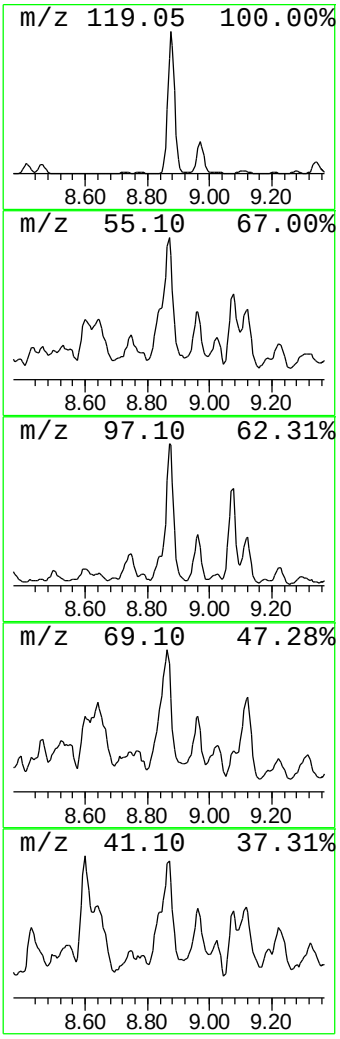
Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	53.75 ng/ul	4271230	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	o-Cymene	134	C10H14	000527-84-4	91





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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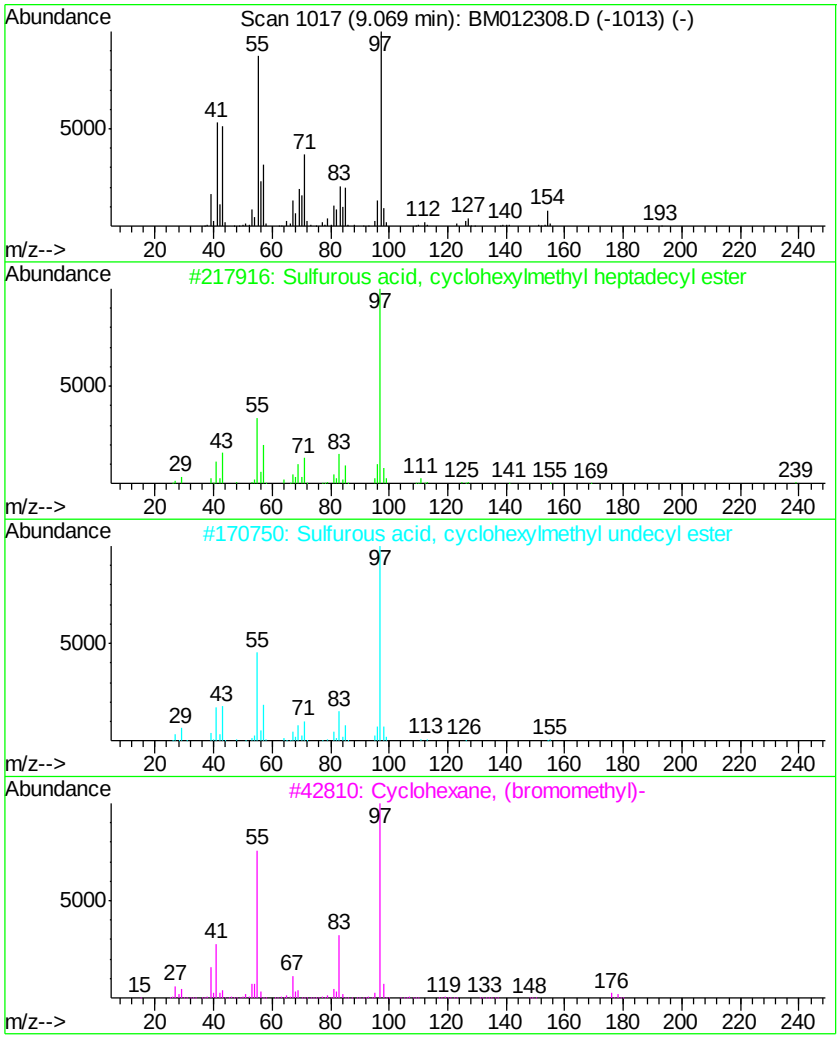
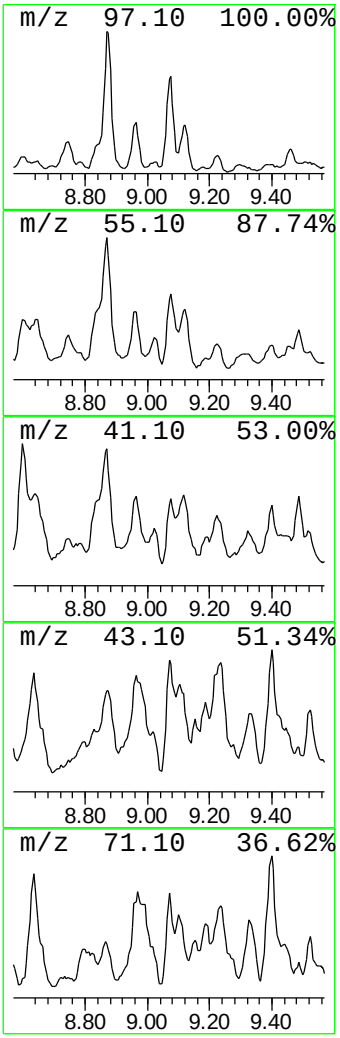
Peak Number 28 Sulfurous acid, cyclohexylm... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	12.03 ng/ul	956115	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	72
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	72
3	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	47
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	43





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Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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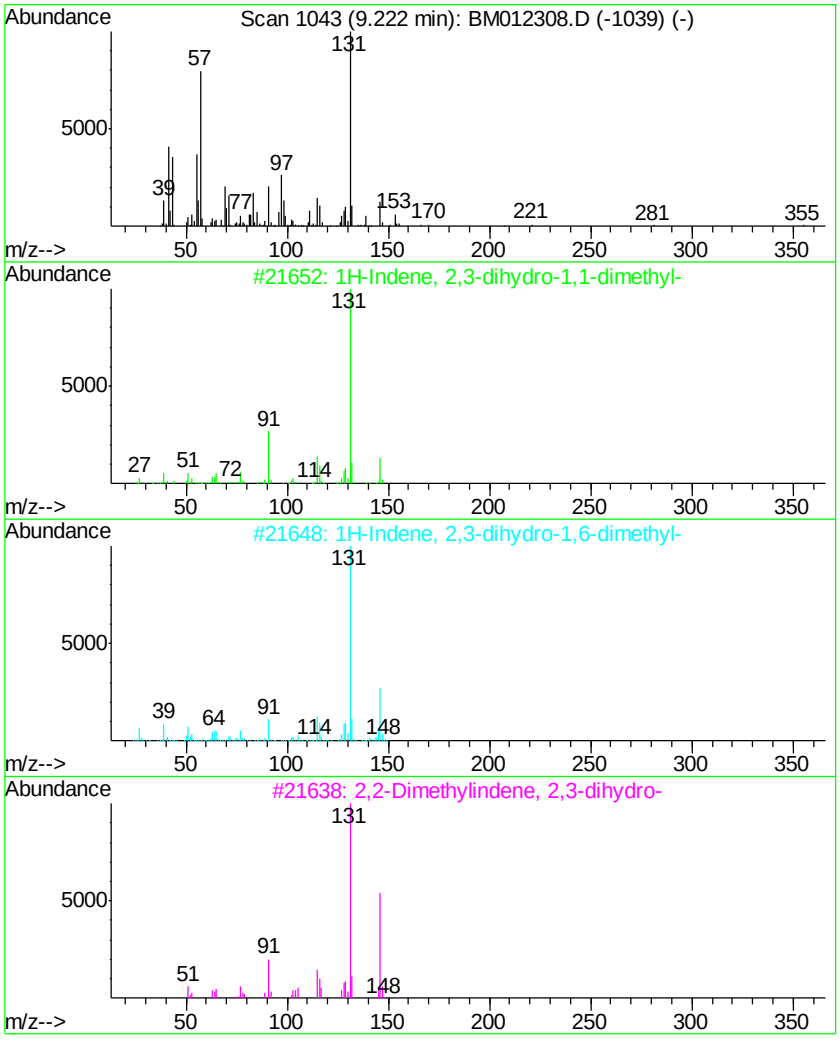
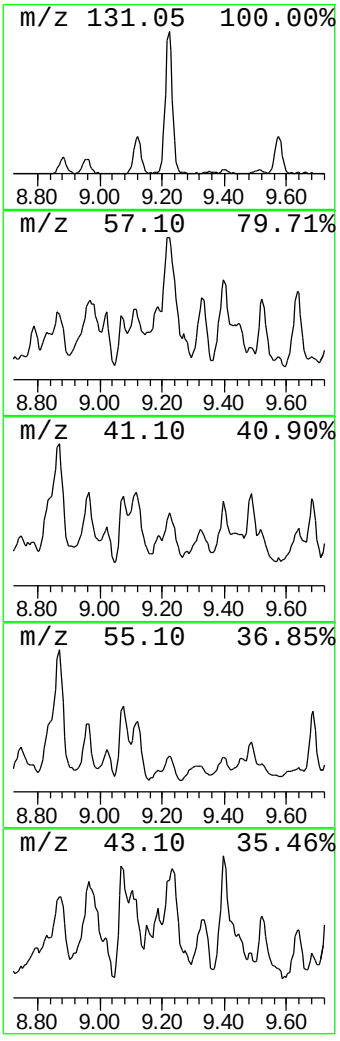
Peak Number 30 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	6.20 ng/ul	942393	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
5	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	60





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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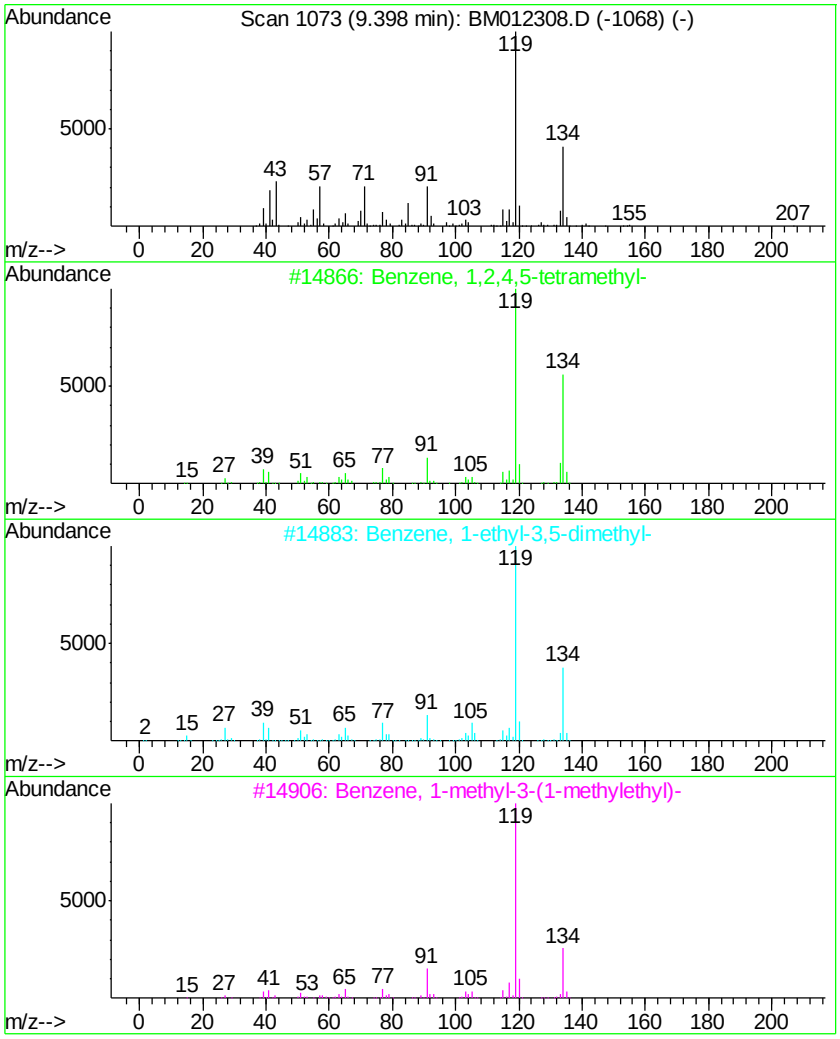
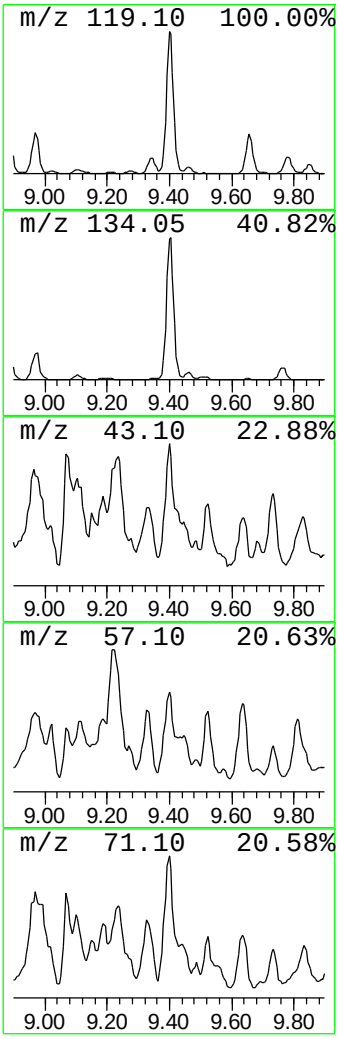
Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	8.19 ng/ul	1246240	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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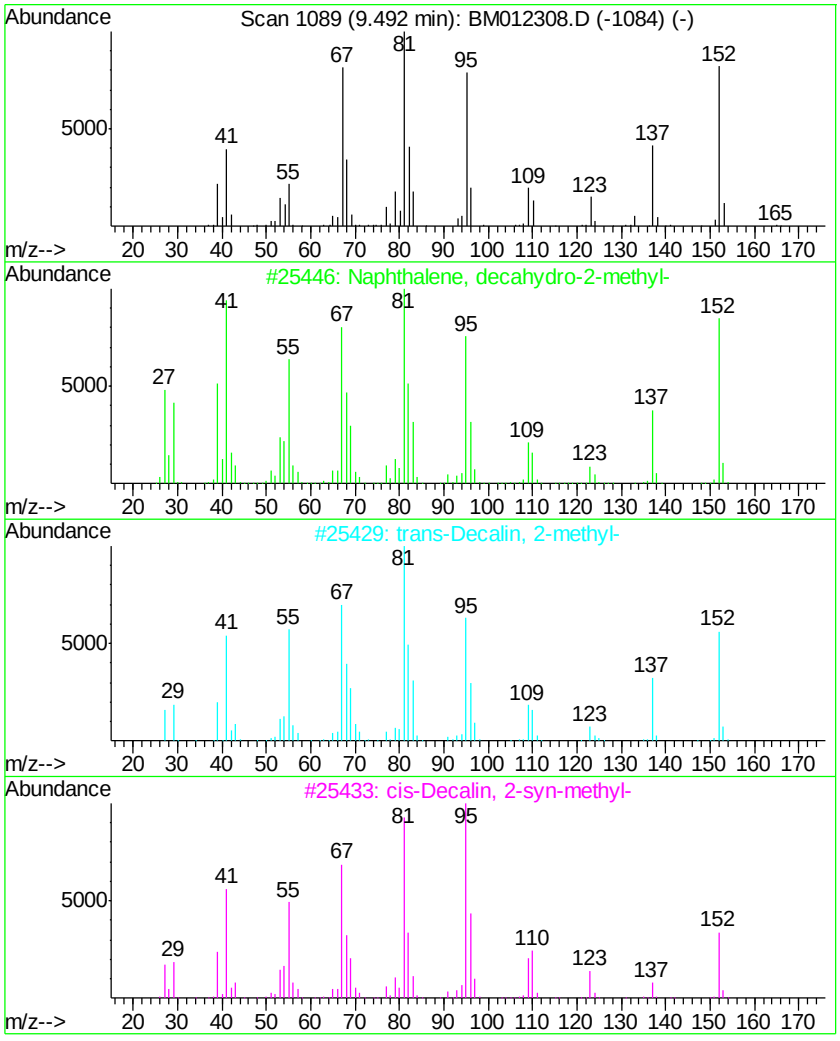
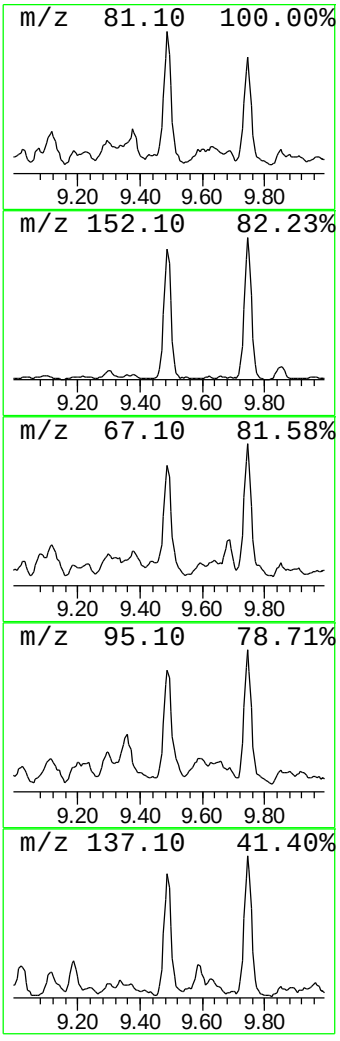
Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	11.39 ng/ul	1732290	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
4	Pulegone	152	C10H16O	000089-82-7	81
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	76





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Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

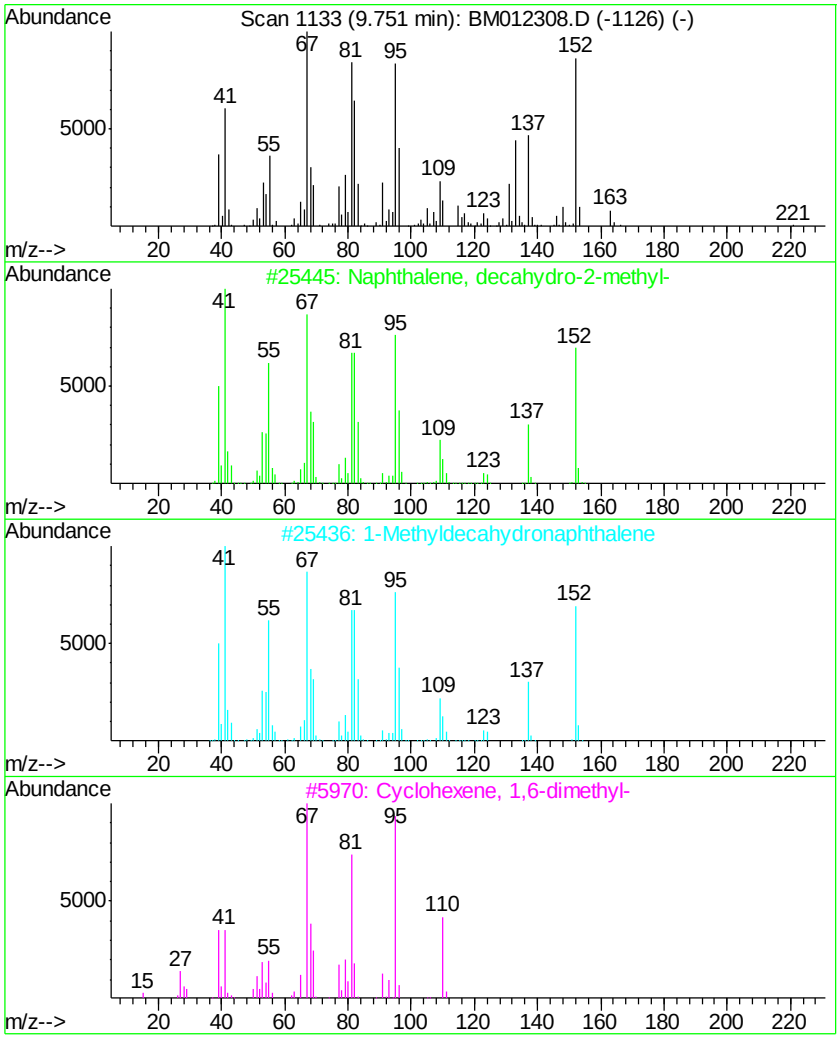
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

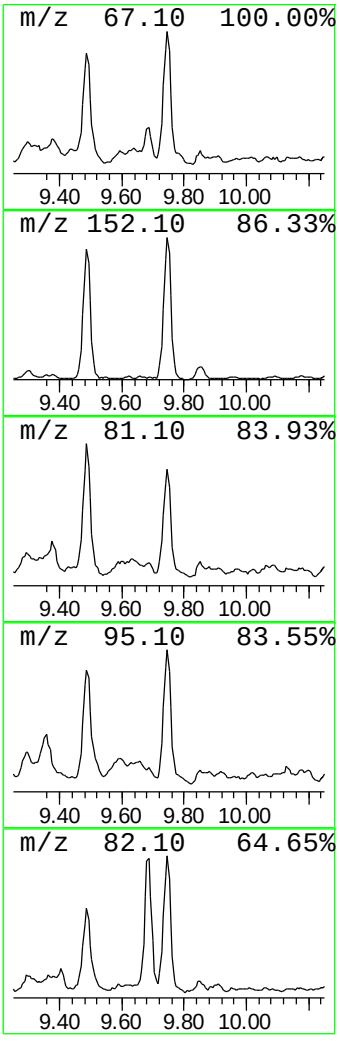
****

Peak Number 33 1-Methyldecahydronaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	14.82 ng/ul	2253490	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	89
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(1.5-2.75)-100917

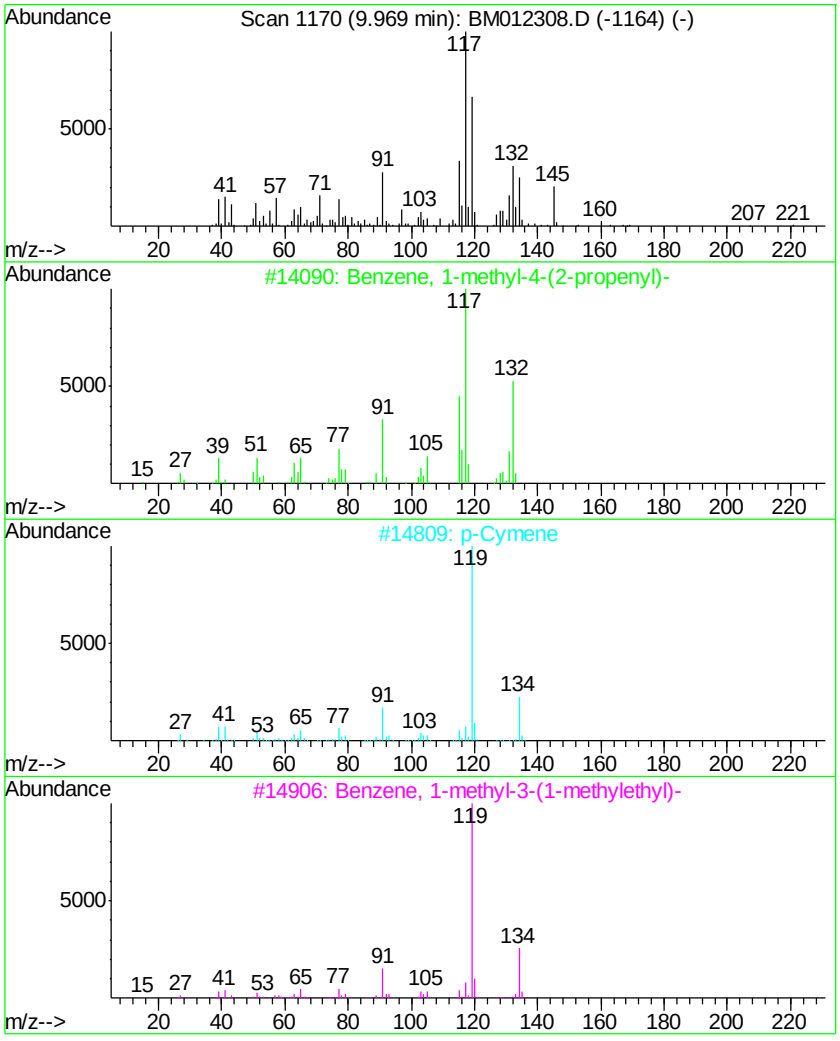
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

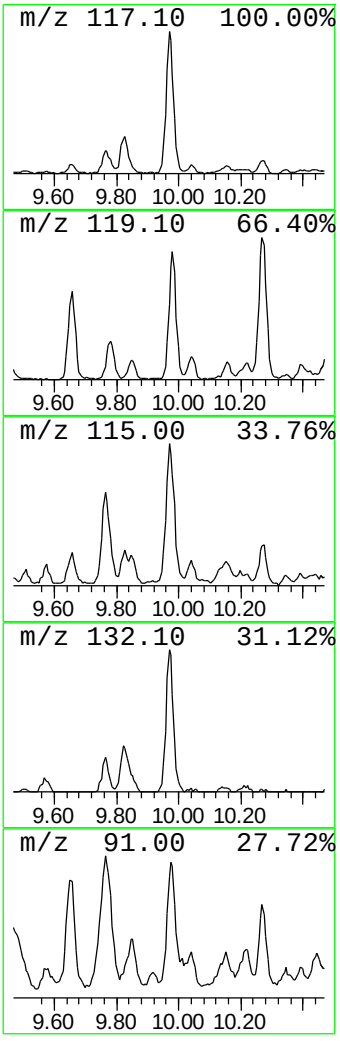
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-4-(2-prop... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	8.26 ng/ul	1257030	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	52
2	p-Cymene	134	C10H14	000099-87-6	50
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

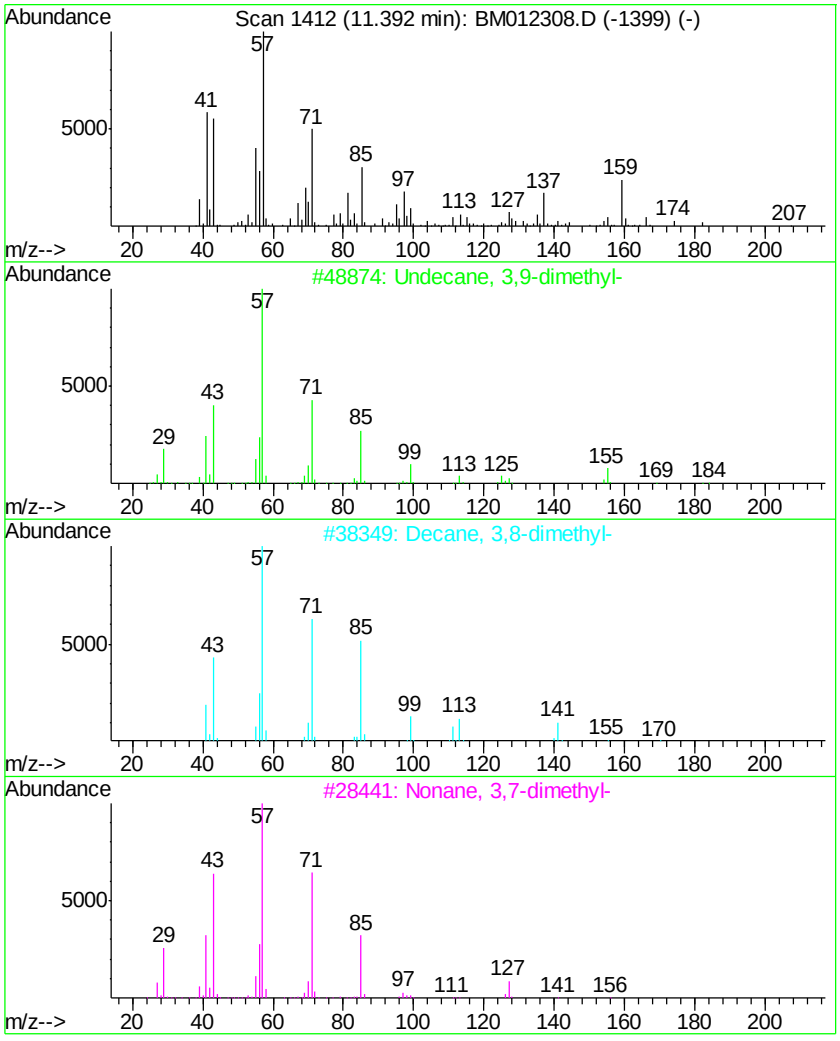
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

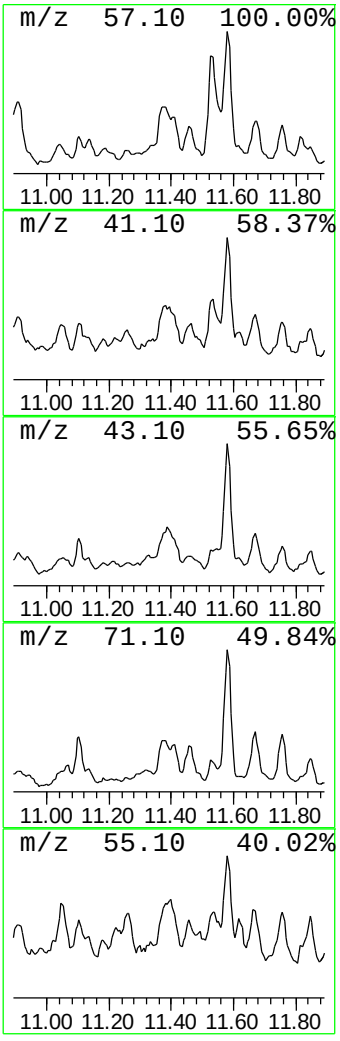
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.95 ng/ul	1057580	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	47
5	Tritetracontane	605	C43H88	007098-21-7	47





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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

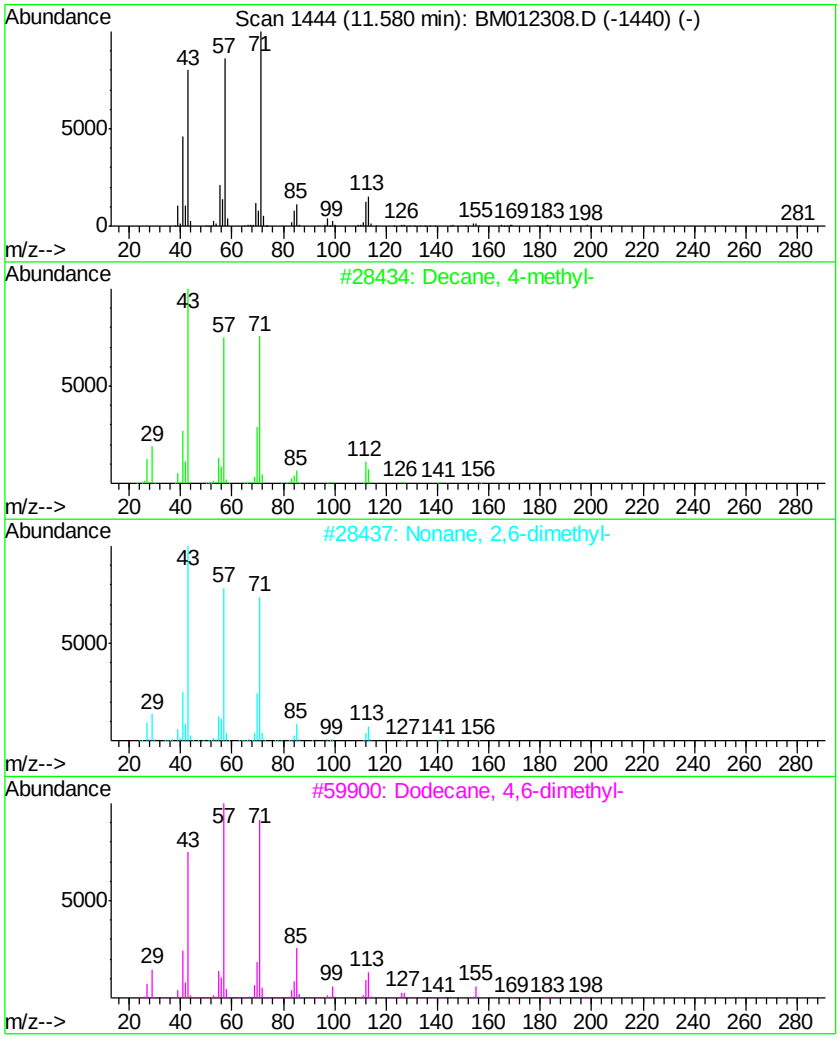
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

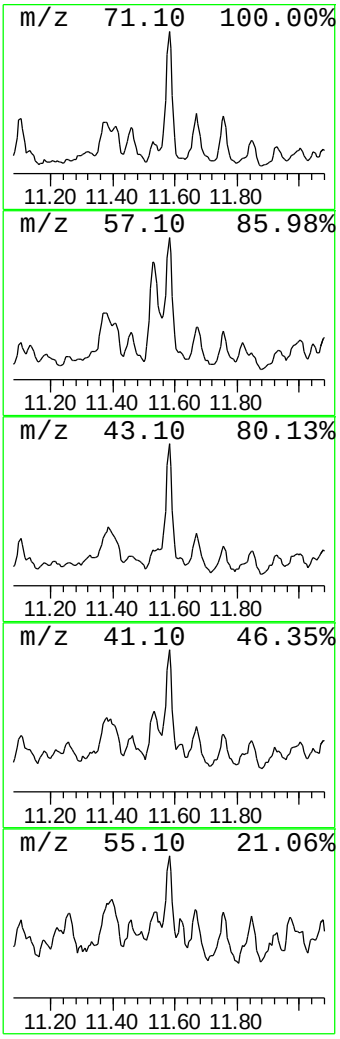
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.48 ng/ul	681946	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64





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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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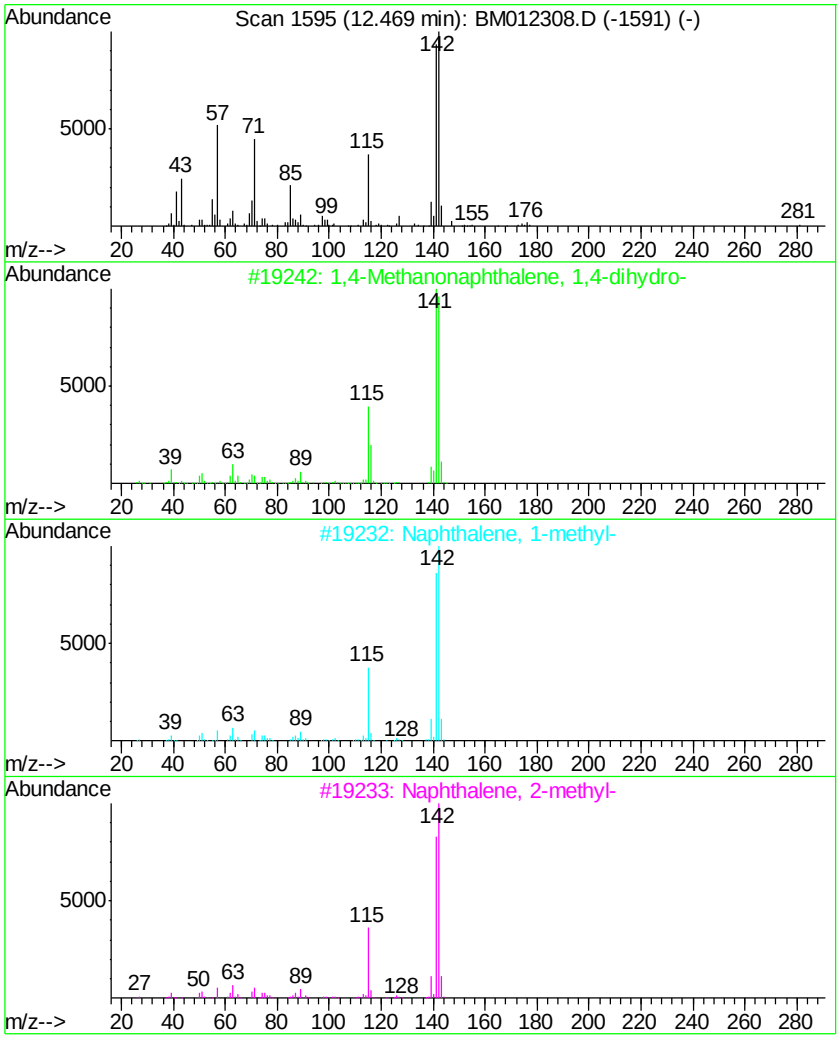
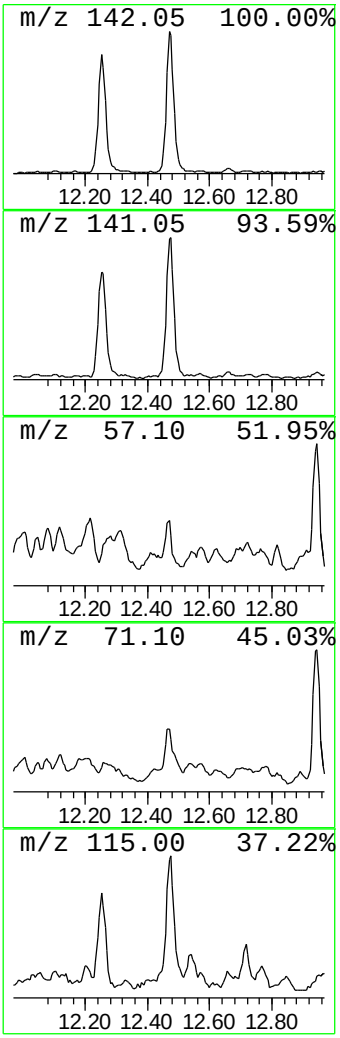
Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.17 ng/ul	633572	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
4	Benzocycloheptatriene	142	C11H10	000264-09-5	76
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76





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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

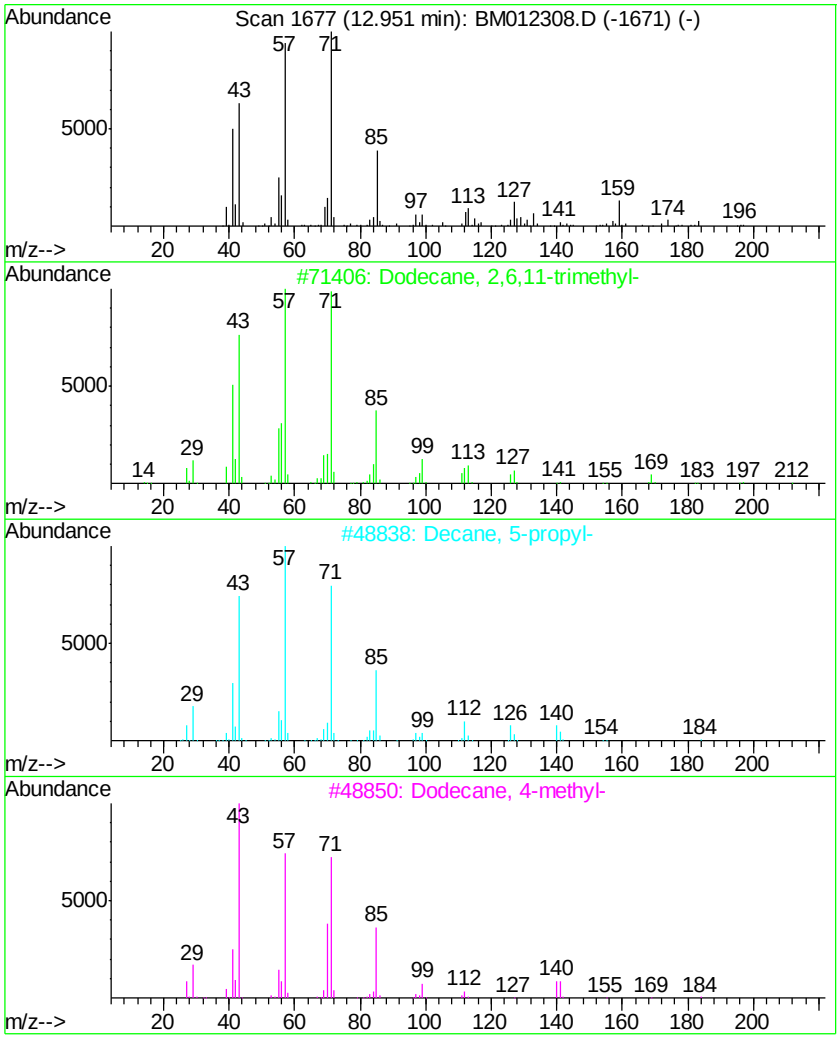
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

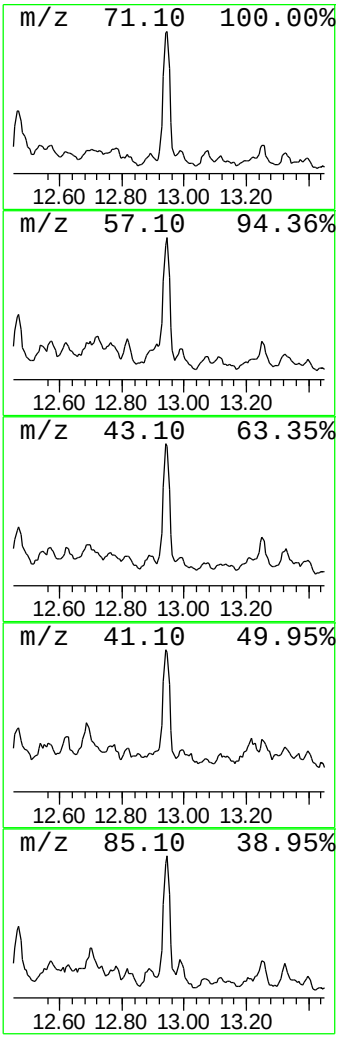
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.11 ng/ul	709000	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Decane, 5-propyl-	184	C13H28	017312-62-8	81
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74





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Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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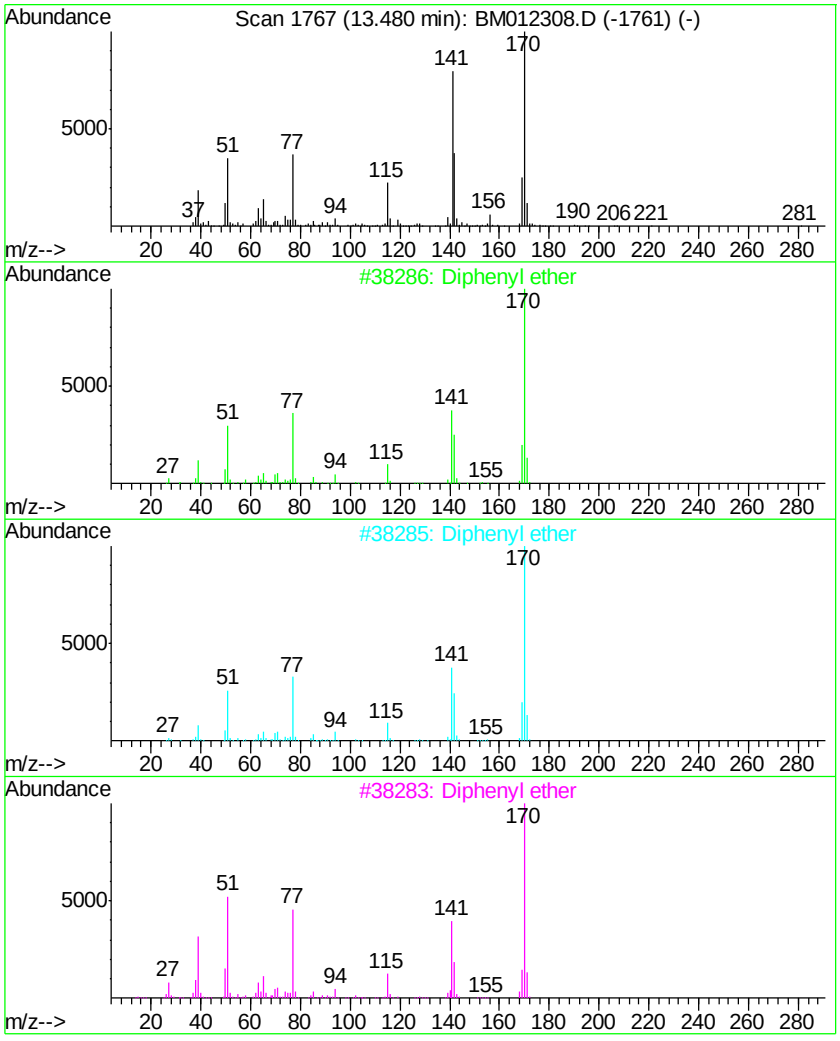
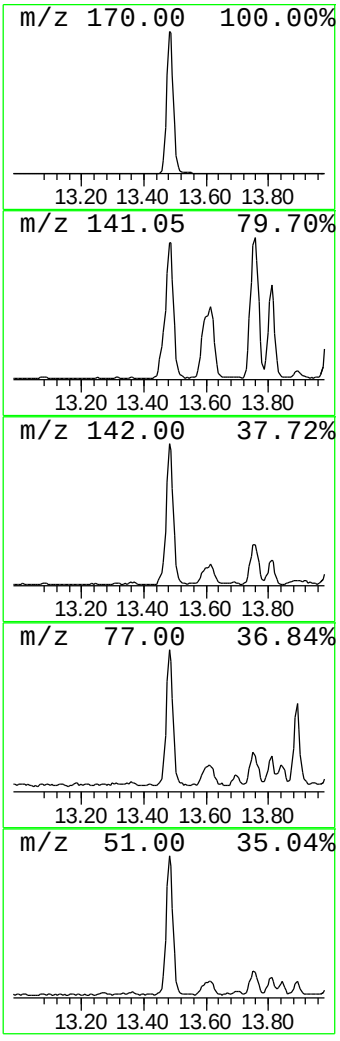
Peak Number 40 Diphenyl ether Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	12.05 ng/ul	1673150	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	87
2	Diphenyl ether	170	C12H10O	000101-84-8	87
3	Diphenyl ether	170	C12H10O	000101-84-8	83
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	68
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	53





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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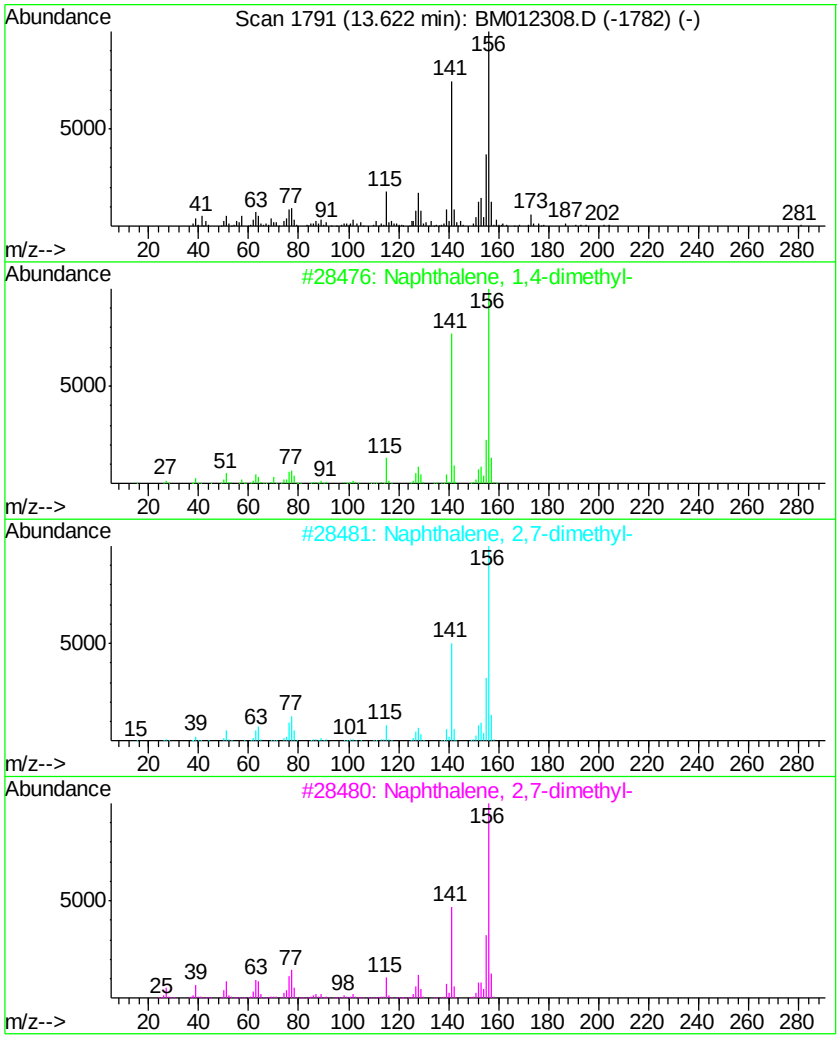
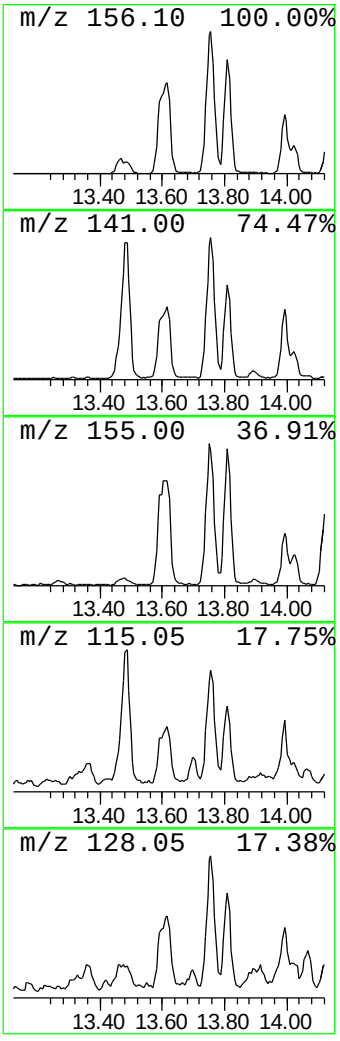
Peak Number 41 Naphthalene, 1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	8.26 ng/ul	1147320	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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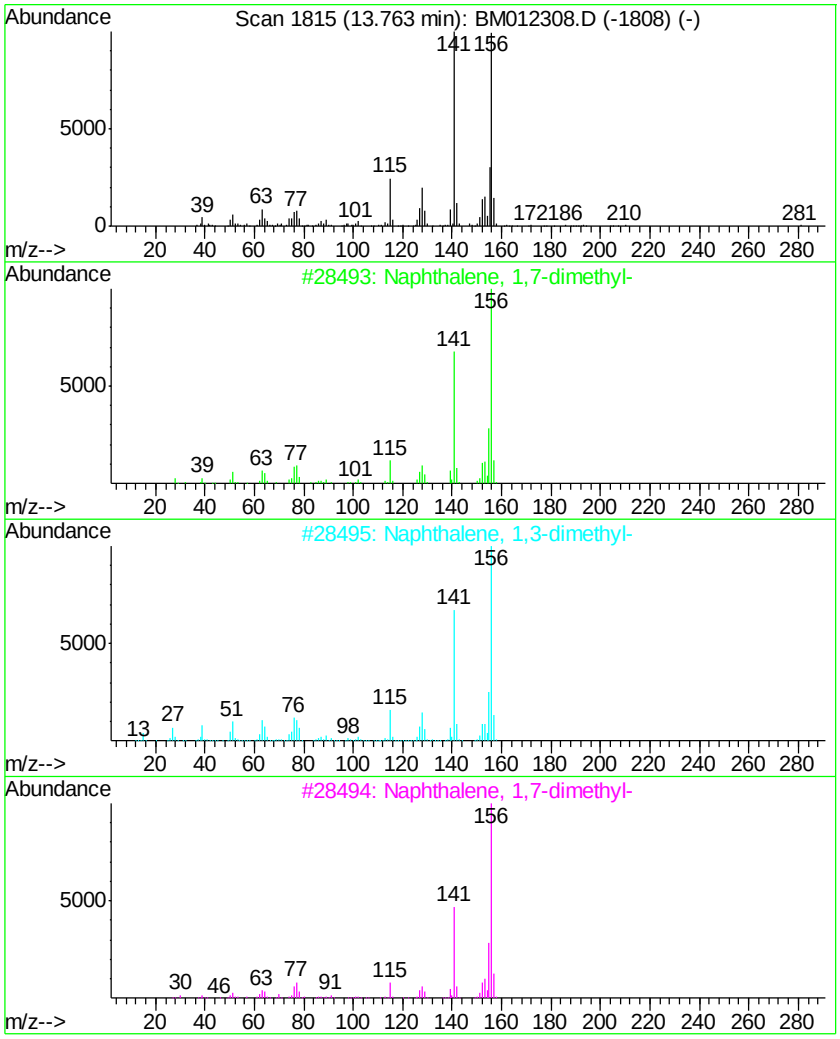
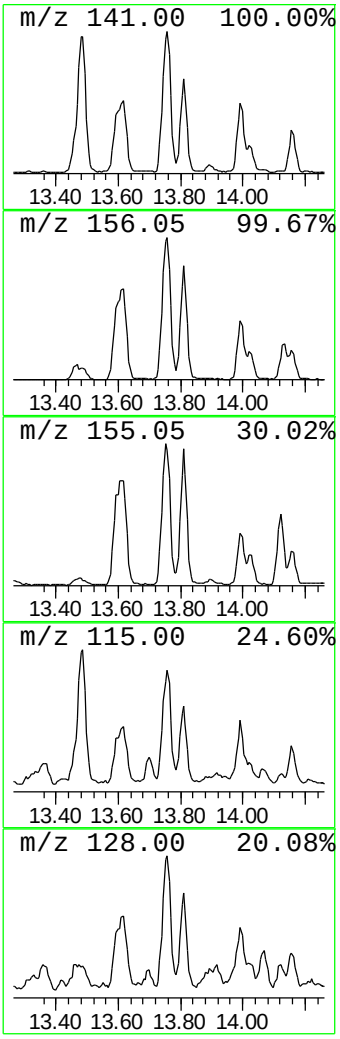
Peak Number 42 Naphthalene, 1,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	9.97 ng/ul	1384720	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

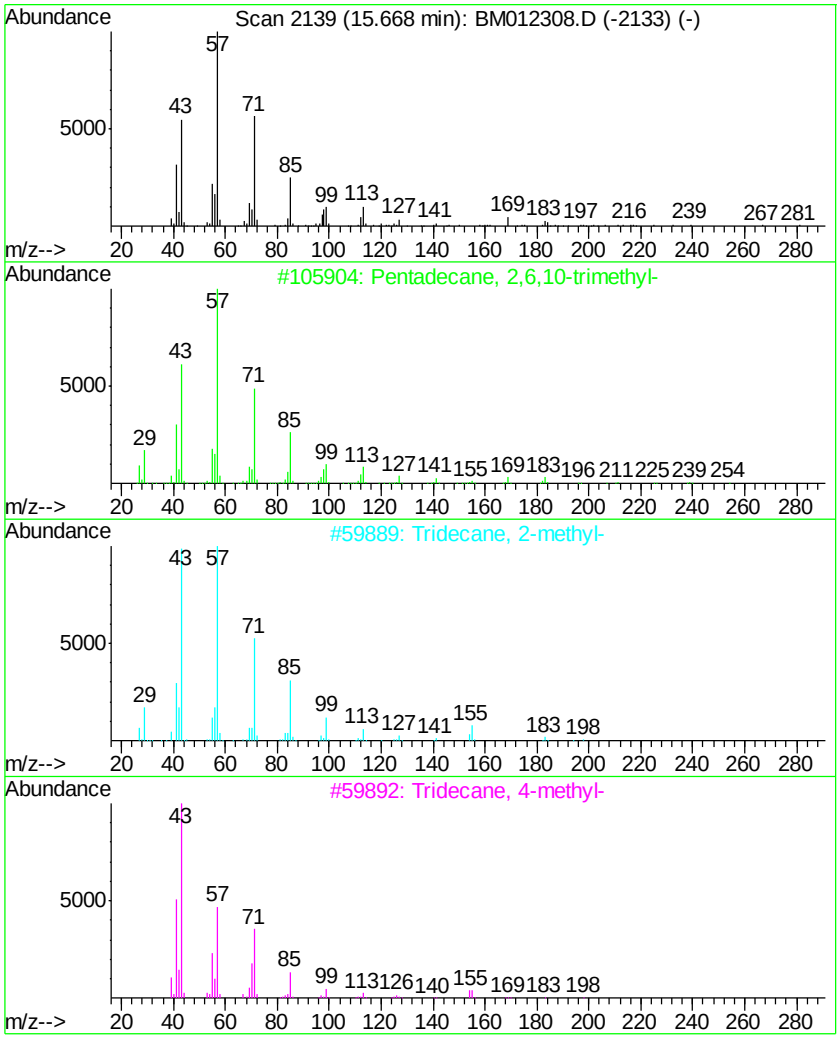
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

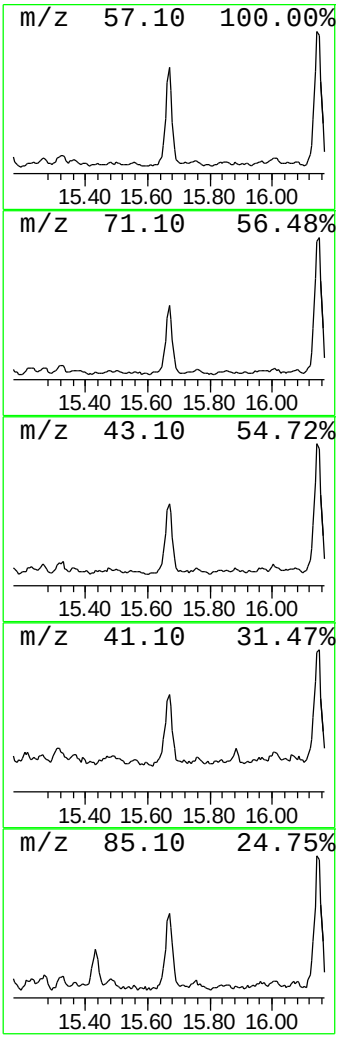
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.22 ng/ul	724435	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





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Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

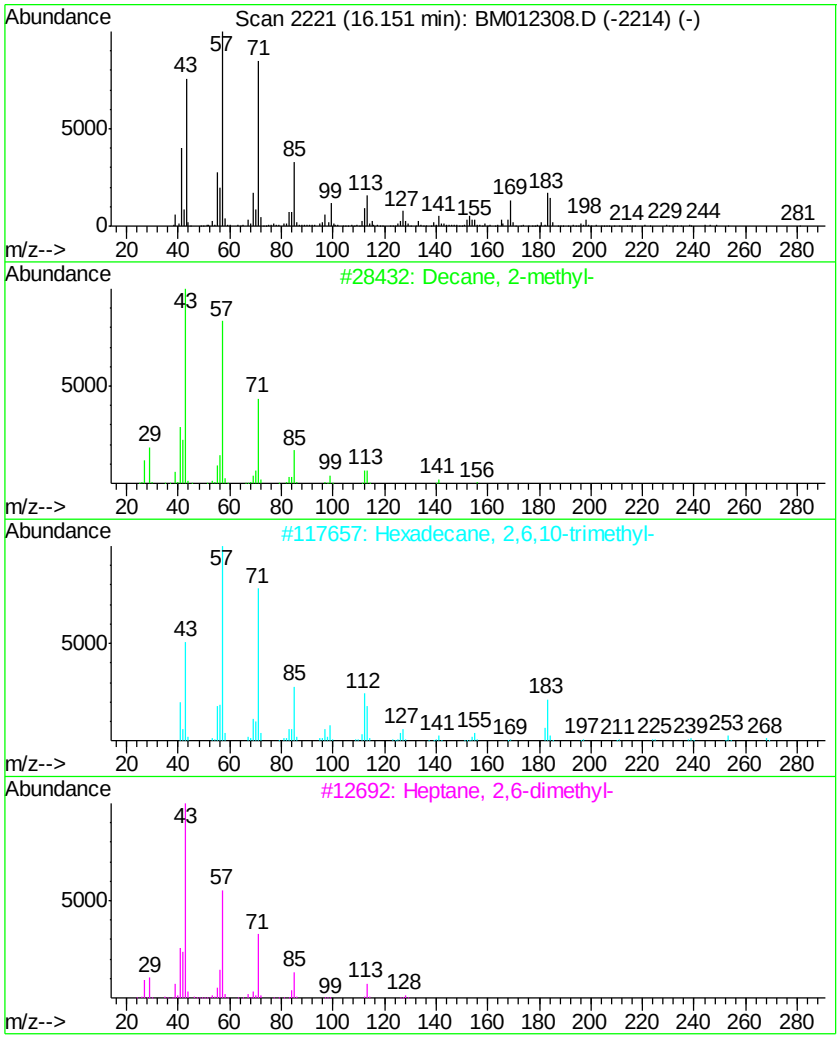
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

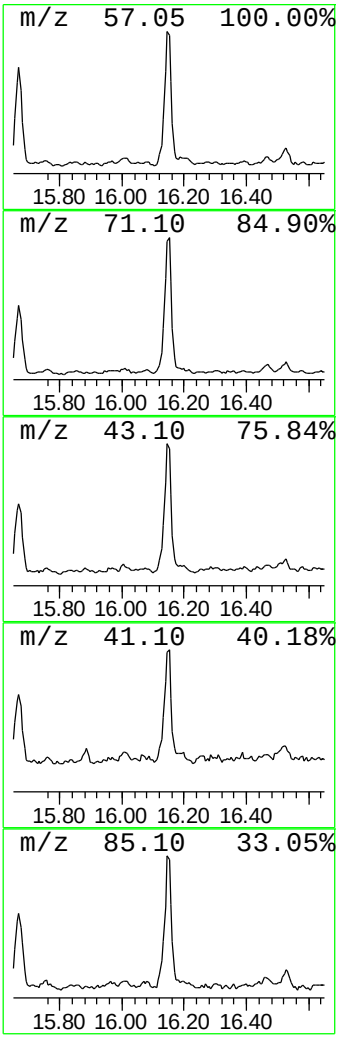
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	8.86 ng/ul	1236960	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	68
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	58





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Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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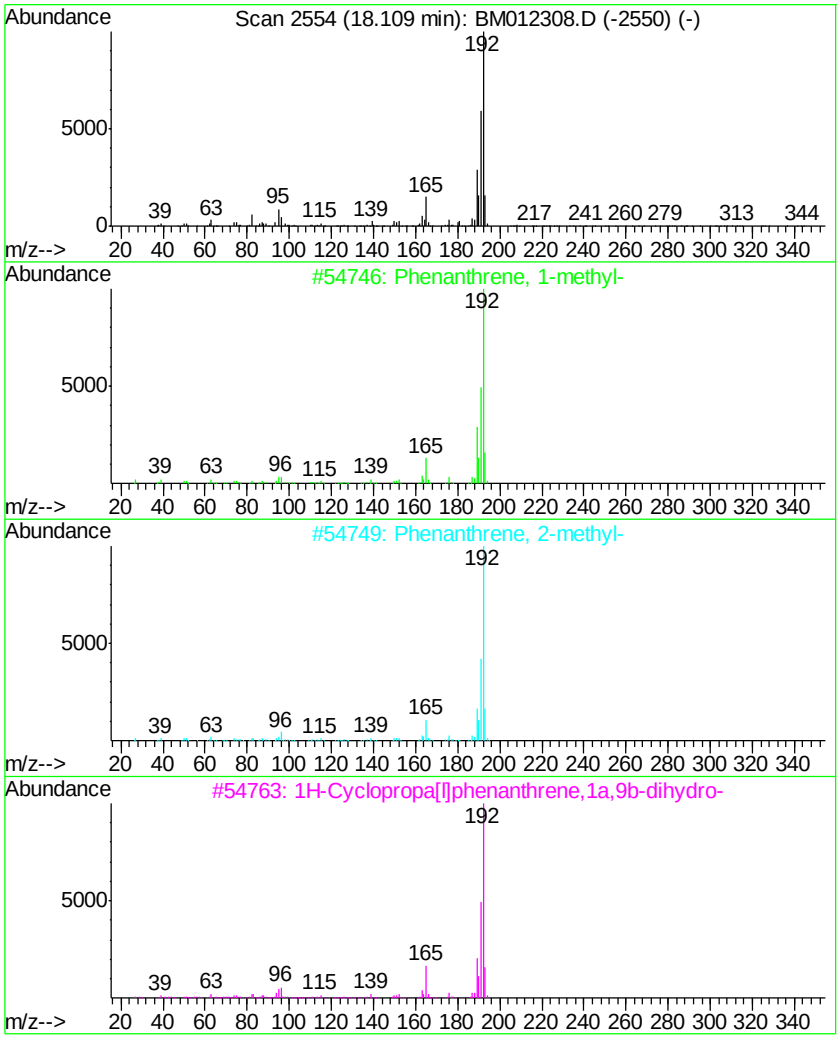
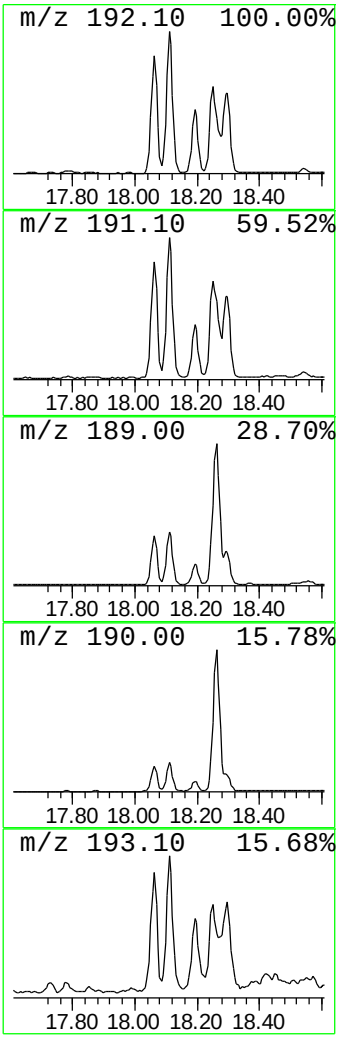
Peak Number 46 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	14.88 ng/ul	2076900	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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: Str...	4.78	10.0	ng/ul	796515	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	4.95	14.9	ng/ul	1185410	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	5.19	12.2	ng/ul	971728	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	5.63	8.6	ng/ul	679907	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	5.70	8.6	ng/ul	683423	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	5.77	8.7	ng/ul	689969	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	6.03	31.7	ng/ul	2520100	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	6.24	22.1	ng/ul	1757200	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	6.39	36.4	ng/ul	2889970	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	6.57	10.3	ng/ul	815388	1	7.78	1589180	20.0
(DEL) Alkane: Str...	6.65	10.9	ng/ul	861927	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	6.90	38.0	ng/ul	3016220	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	7.18	14.4	ng/ul	1141830	1	7.78	1589180	20.0
Oxalic acid, cycl...	7.25	37.4	ng/ul	2974830	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	7.47	13.5	ng/ul	1070600	1	7.78	1589180	20.0
2-n-Butylacrolein	7.88	10.9	ng/ul	864140	1	7.78	1589180	20.0
(DEL) Alkane: Str...	7.95	22.8	ng/ul	1808260	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	8.05	29.3	ng/ul	2325780	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	8.10	8.7	ng/ul	688927	1	7.78	1589180	20.0
(DEL) Alkane: Str...	8.29	9.1	ng/ul	722230	1	7.78	1589180	20.0
(DEL) Alkane: Cyc...	8.32	16.6	ng/ul	1314900	1	7.78	1589180	20.0
Naphthalene, deca...	8.60	31.1	ng/ul	2467320	1	7.78	1589180	20.0
Benzene, 2-ethyl-...	8.87	53.8	ng/ul	4271230	1	7.78	1589180	20.0
Sulfurous acid, c...	9.07	12.0	ng/ul	956115	1	7.78	1589180	20.0
1H-Indene, 2,3-di...	9.22	6.2	ng/ul	942393	2	10.58	3042100	20.0
Benzene, 1,2,4,5-...	9.40	8.2	ng/ul	1246240	2	10.58	3042100	20.0
Naphthalene, deca...	9.49	11.4	ng/ul	1732290	2	10.58	3042100	20.0
1-Methyldecahydro...	9.75	14.8	ng/ul	2253490	2	10.58	3042100	20.0
Benzene, 1-methyl...	9.97	8.3	ng/ul	1257030	2	10.58	3042100	20.0
(DEL) Alkane: Str...	11.39	7.0	ng/ul	1057580	2	10.58	3042100	20.0
(DEL) Alkane: Str...	11.58	4.5	ng/ul	681946	2	10.58	3042100	20.0
Naphthalene, 1-me...	12.47	4.2	ng/ul	633572	2	10.58	3042100	20.0
(DEL) Alkane: Str...	12.95	5.1	ng/ul	709000	3	14.44	2776570	20.0
Diphenyl ether	13.48	12.1	ng/ul	1673150	3	14.44	2776570	20.0
Naphthalene, 1,4-...	13.62	8.3	ng/ul	1147320	3	14.44	2776570	20.0
Naphthalene, 1,7-...	13.76	10.0	ng/ul	1384720	3	14.44	2776570	20.0
(DEL) Alkane: Str...	15.67	5.2	ng/ul	724435	3	14.44	2776570	20.0
(DEL) Alkane: Str...	16.15	8.9	ng/ul	1236960	4	17.19	2791510	20.0
Phenanthrene, 1-m...	18.11	14.9	ng/ul	2076900	4	17.19	2791510	20.0