LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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	5.275	366	372	379	rBV	2191150	3343107	4.69%	0.459%
2	5.428	388	398	411	rVB	2845999	7189467	10.08%	0.988%
3	5.775	452	457	464	rVB2	947779	1626226	2.28%	0.223%
4	6.028	492	500	507	rBV5	1023227	2700769	3.79%	0.371%
5	6.239	530	536	544	rBV6	942653	2941354	4.12%	0.404%
6	6.310	544	548	552	rVB	1516458	1937221	2.72%	0.266%
7	6.398	558	563	566	rBV2	1621275	2946622	4.13%	0.405%
8	6.651	598	606	612	rVB3	1011946	2493156	3.49%	0.343%
9	6.745	618	622	628	rVB	2925854	4336230	6.08%	0.596%
10	6.851	636	640	644	rBV2	1134274	1807047	2.53%	0.248%
11	6.910	644	650	655	rBV5	2634106	5707986	8.00%	0.784%
12	7.087	675	680	686	rBV5	1105615	2479183	3.48%	0.341%
13	7.245	703	707	712	rBV2	1657040	2410715	3.38%	0.331%
14	7.316	715	719	726	rVB4	2146928	3843823	5.39%	0.528%
15	7.422	733	737	743	rVB2	2503281	4088778	5.73%	0.562%
16	7.481	743	747	752	rVB3	1230551	2001615	2.81%	0.275%
17	7.586	758	765	770	rVB3	1152709	2467478	3.46%	0.339%
18	7.675	771	780	785	rBV4	1793735	5352872	7.50%	0.736%
19	7.739	786	791	795	rVB	5774409	8559742	12.00%	1.176%
20	7.828	801	806	811	rVB3	1502378	3275413	4.59%	0.450%
21	7.886	811	816	822	rBV4	2562204	5176342	7.26%	0.711%
22	7.951	822	827	829	rVV3	2091148	2974993	4.17%	0.409%
23	7.986	829	833	838	rVV	4143664	7603466	10.66%	1.045%
24	8.045	838	843	851	rVV3	6759613	12515957	17.54%	1.720%
25	8.263	873	880	882	rBV2	1615573	2997577	4.20%	0.412%
26	8.298	882	886	900	rVB2	5068521	14736497	20.66%	2.025%
27	8.428	900	908	917	rBV3	4554050	11989302	16.81%	1.648%
28	8.516	917	923	929	rBV3	1121169	2961599	4.15%	0.407%
29	8.604	933	938	941	rBV	1870351	3113310	4.36%	0.428%
30	8.728	954	959	963	rBV	1000474	1896439	2.66%	0.261%
31	8.781	964	968	973	rVB3	1334436	1999499	2.80%	0.275%
32	8.875	979	984	992	rVB3	5606191	10049400	14.09%	1.381%
33	8.963	992	999	1002	rBV3	3307503	6816265	9.55%	0.937%
34	9.075	1014	1018	1021	rBV2	1474750	2627325	3.68%	0.361%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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	9.122	1021	1026	1034	rVB7	2164357	5118258	7.17%	0.703%
36	9.222	1034	1043	1049	rBV6	1433190	4243085	5.95%	0.583%
37	9.333	1056	1062	1069	rBV3	1166331	2462335	3.45%	0.338%
38	9.404	1069	1074	1078	rBV	2482248	3509451	4.92%	0.482%
39	9.686	1119	1122	1128	rVB4	1612302	2682387	3.76%	0.369%
40	9.751	1128	1133	1135	rBV3	1462087	2620162	3.67%	0.360%
41	9.980	1164	1172	1177	rBV3	2697766	5255978	7.37%	0.722%
42	10.151	1194	1201	1207	rBV4	752829	2086862	2.93%	0.287%
43	10.222	1207	1213	1218	rVV3	1233937	2541725	3.56%	0.349%
44	10.275	1218	1222	1228	rVB2	956504	1793094	2.51%	0.246%
45	10.533	1261	1266	1271	rBV4	1070717	2673480	3.75%	0.367%
46	10.586	1271	1275	1279	rVV	1902318	3421462	4.80%	0.470%
47	10.633	1279	1283	1288	rVV3	1084777	2024768	2.84%	0.278%
48	10.722	1288	1298	1305	rVV2	6179261	11892670	16.67%	1.634%
49	11.580	1439	1444	1448	rBV	1290033	1851947	2.60%	0.255%
50	12.251	1554	1558	1564	rVB	2236105	3424740	4.80%	0.471%
51	12.469	1591	1595	1604	rVB	1367842	2414863	3.38%	0.332%
52	12.945	1671	1676	1683	rVB	1922533	2828703	3.97%	0.389%
53	13.480	1760	1767	1777	rVB2	1000880	2728677	3.82%	0.375%
54	13.616	1782	1790	1796	rVB3	2099411	5609403	7.86%	0.771%
55	13.757	1808	1814	1819	rBV	3157945	5717292	8.01%	0.786%
56	13.810	1819	1823	1826	rVV	2420393	3677792	5.16%	0.505%
57	13.845	1826	1829	1833	rVV	3426817	4767261	6.68%	0.655%
58	13.898	1833	1838	1842	rVB	3627297	5225077	7.32%	0.718%
59	14.133	1873	1878	1881	rBV	2227805	3390041	4.75%	0.466%
60	14.251	1894	1898	1904	rVB2	1480992	2255303	3.16%	0.310%
61	14.392	1917	1922	1924	rBV2	913517	1608935	2.26%	0.221%
62	14.439	1926	1930	1935	rVB2	2969235	4661994	6.53%	0.641%
63	14.651	1960	1966	1973	rBV	1598492	3514410	4.93%	0.483%
64	14.833	1991	1997	2006	rVB3	2173812	4503124	6.31%	0.619%
65	14.915	2006	2011	2019	rBV4	2029453	3960479	5.55%	0.544%
66	15.057	2030	2035	2040	rBV	1846796	3724783	5.22%	0.512%
67	15.110	2040	2044	2048	rVV	1360207	1843957	2.58%	0.253%
68	15.215	2057	2062	2067	rBV5	1399952	3225580	4.52%	0.443%
69	15.262	2067	2070	2074	rVB2	1296253	1750944	2.45%	0.241%
70	15.433	2095	2099	2104	rBV	2545610	3599371	5.05%	0.495%
71	15.668	2133	2139	2151	rVB2	2718485	6298214	8.83%	0.866%

LSC Area Percent Report

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Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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	15.798	2158	2161	2165	rVB2	1610284	2149415	3.01%	0.295%
73	16.151	2214	2221	2227	rBV2	6978821	11476120	16.09%	1.577%
74	16.974	2356	2361	2365	rBV	3421393	4742816	6.65%	0.652%
75	17.192	2394	2398	2402	rBV2	3416384	4447774	6.23%	0.611%
76	17.233	2402	2405	2410	rVB	2316271	3020934	4.23%	0.415%
77	17.286	2410	2414	2420	rBV2	2943330	4176763	5.85%	0.574%
78	18.068	2543	2547	2551	rBV2	2017394	3077782	4.31%	0.423%
79	18.115	2551	2555	2560	rVB	1725512	2581724	3.62%	0.355%
80	18.462	2611	2614	2619	rVB3	1162535	1588369	2.23%	0.218%
81	18.798	2666	2671	2678	rVB	10615236	14565579	20.42%	2.002%
82	18.986	2699	2703	2706	rBV	2345596	3093526	4.34%	0.425%
83	19.250	2745	2748	2751	rVV	2042117	2354229	3.30%	0.324%
84	19.297	2751	2756	2761	rVB	8994267	11448802	16.05%	1.573%
85	19.586	2802	2805	2808	rBV	2652595	3398738	4.76%	0.467%
86	19.615	2808	2810	2818	rVB2	2588667	3641020	5.10%	0.500%
87	20.162	2899	2903	2908	rBV	3542478	4166490	5.84%	0.573%
88	21.374	3106	3109	3113	rVB	3468185	4377491	6.14%	0.602%
89	21.744	3169	3172	3179	rVB	2763356	3318160	4.65%	0.456%
90	21.874	3188	3194	3201	rBV	19914216	29759301	41.71%	4.090%
91	21.933	3201	3204	3206	rBV2	1363263	1607728	2.25%	0.221%
92	21.962	3206	3209	3213	rVB	4504008	5186309	7.27%	0.713%
93	22.033	3214	3221	3228	rBV2	48781044	69570410	97.52%	9.561%
94	22.115	3231	3235	3237	rBV	2864214	4011734	5.62%	0.551%
95	22.186	3242	3247	3250	rVV2	35311052	59720162	83.71%	8.207%
96	22.215	3250	3252	3260	rVB2	34912444	40479095	56.74%	5.563%
97	22.350	3268	3275	3277	rBV2	13202767	22654789	31.76%	3.113%
98	22.391	3277	3282	3289	rVB2	36640551	71341800	100.00%	9.804%
99	22.562	3304	3311	3313	rBV2	12960567	24830828	34.81%	3.412%
100	22.774	3343	3347	3359	rVB4	6285154	16989631	23.81%	2.335%

Sum of corrected areas: 727652901

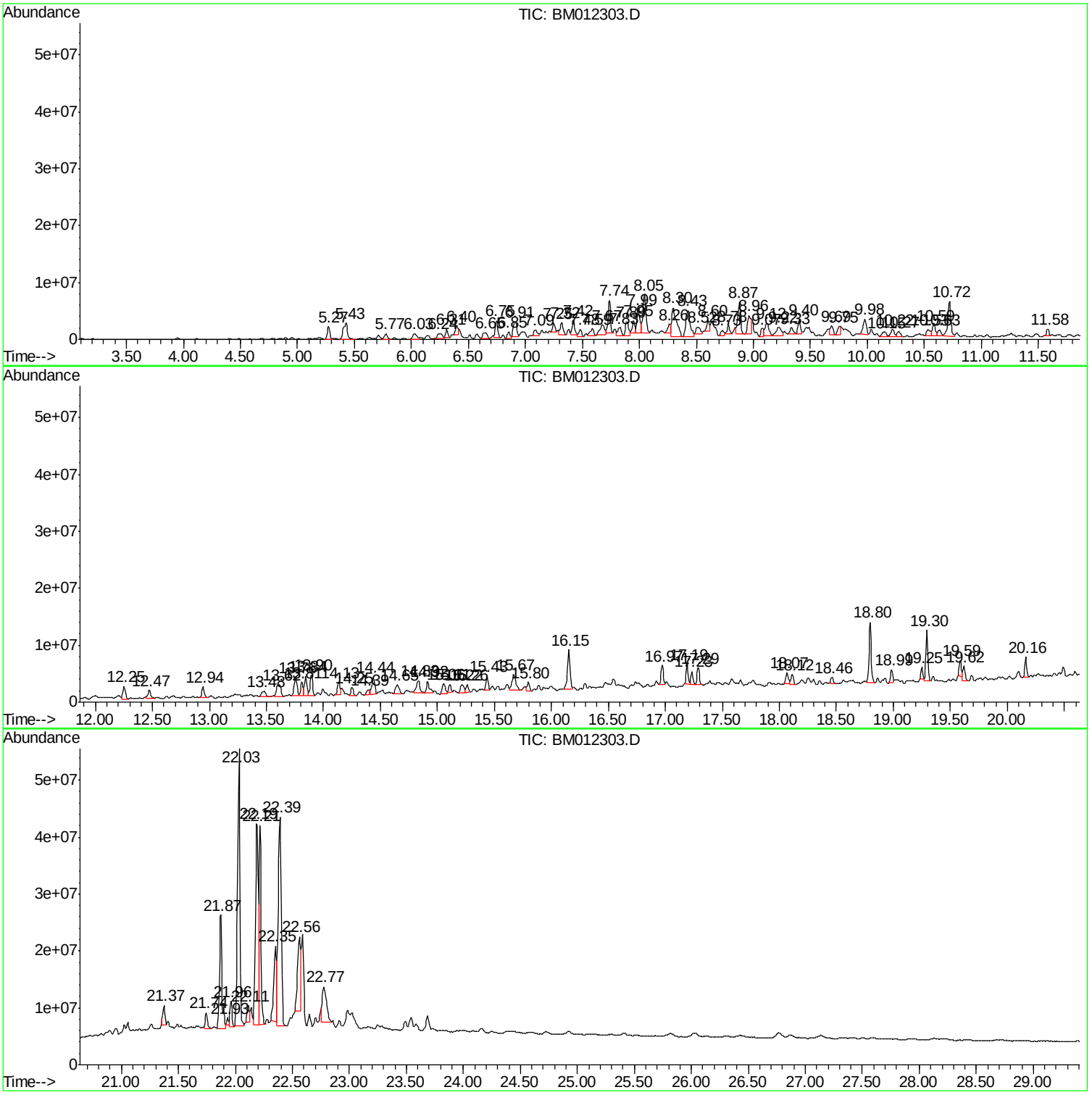
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
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Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

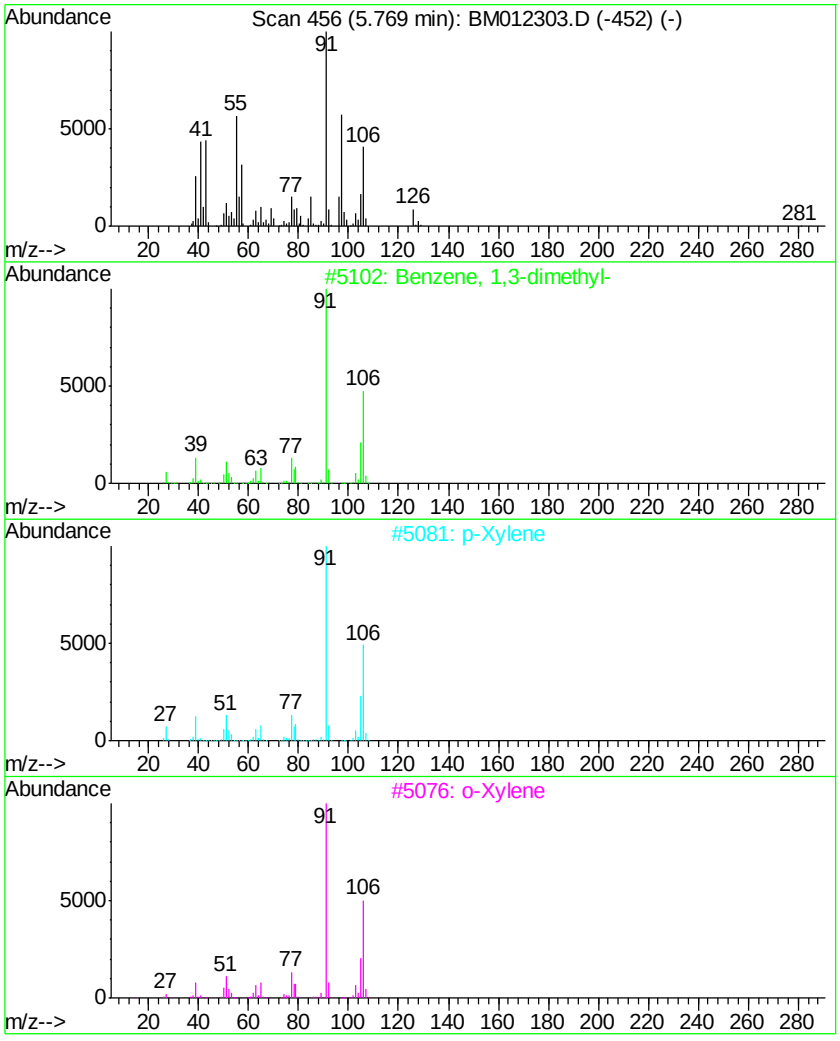
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

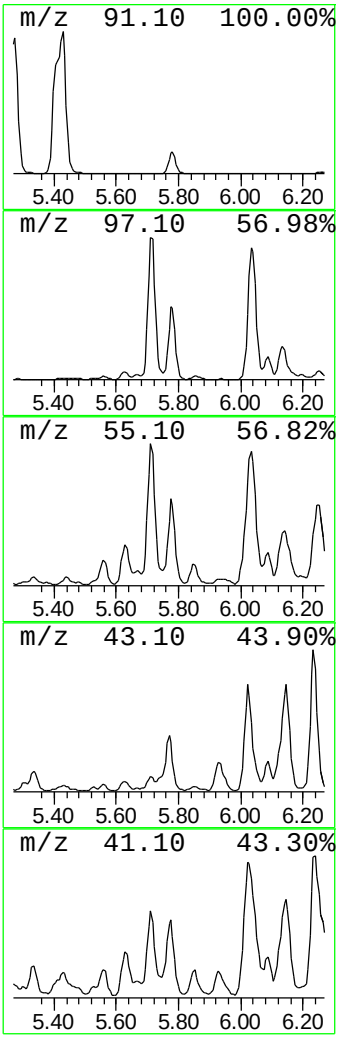
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.80 ng/ul	1626230	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2	p-Xylene	106	C8H10	000106-42-3	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

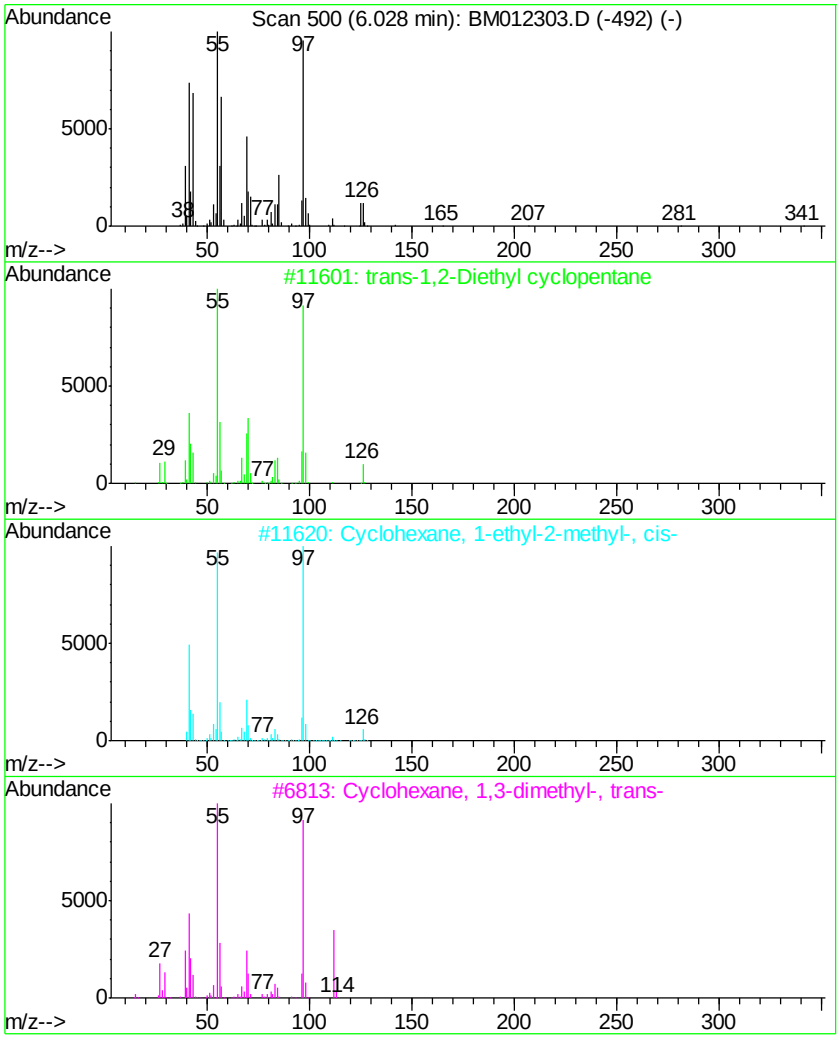
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

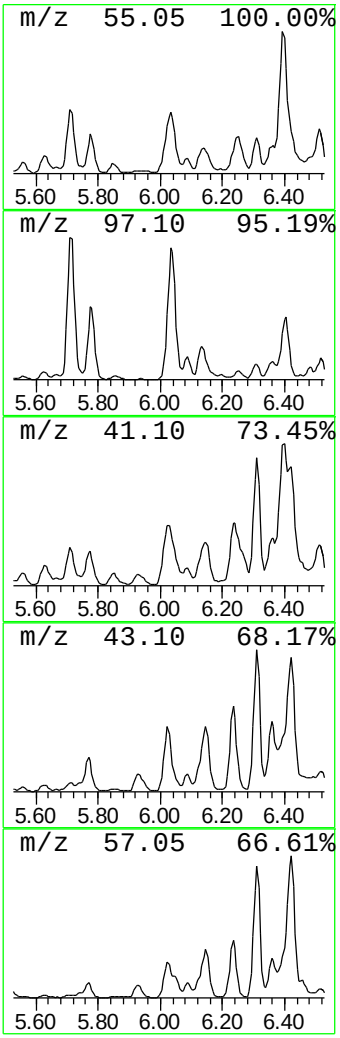
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	6.31 ng/ul	2700770	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	81
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	68
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
4	1-Octene, 6-methyl-	126	C9H18	013151-10-5	64
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

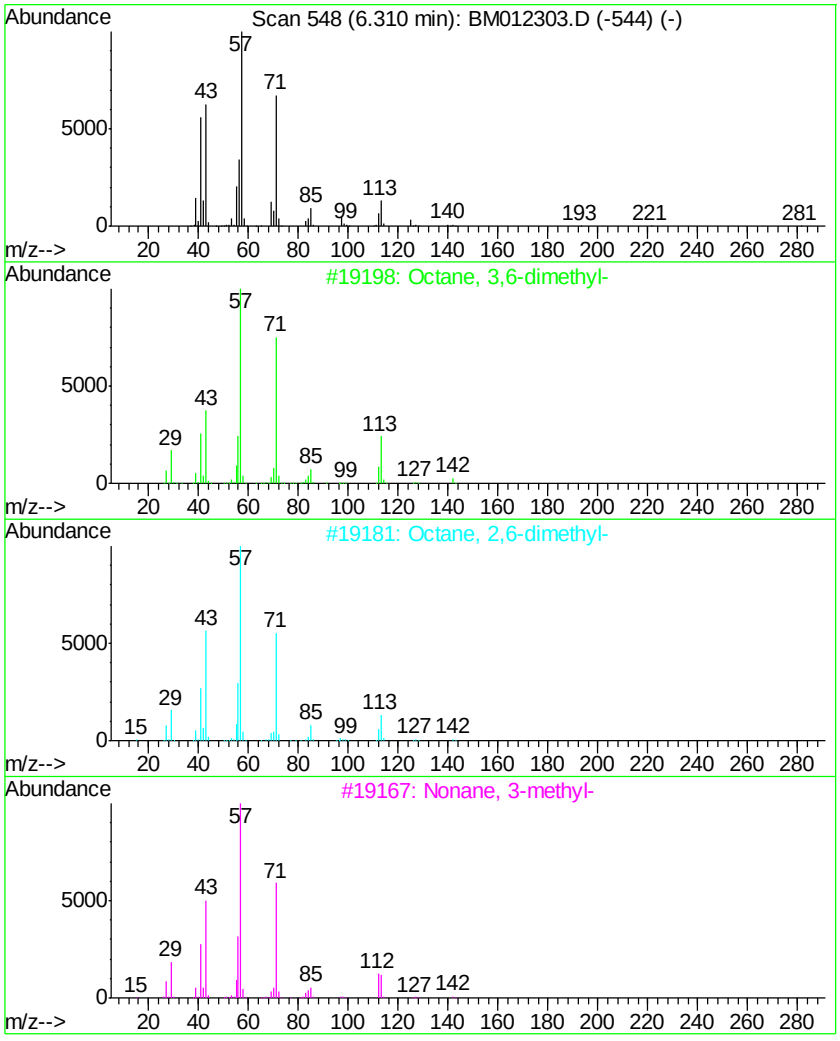
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

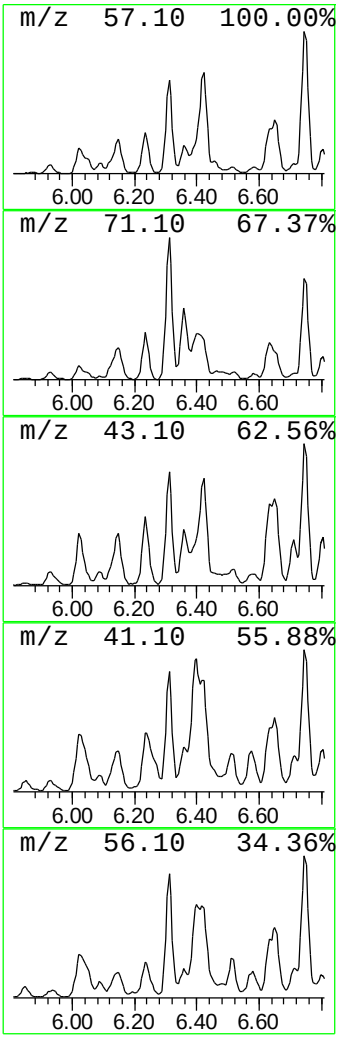
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	4.53 ng/ul	1937220	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

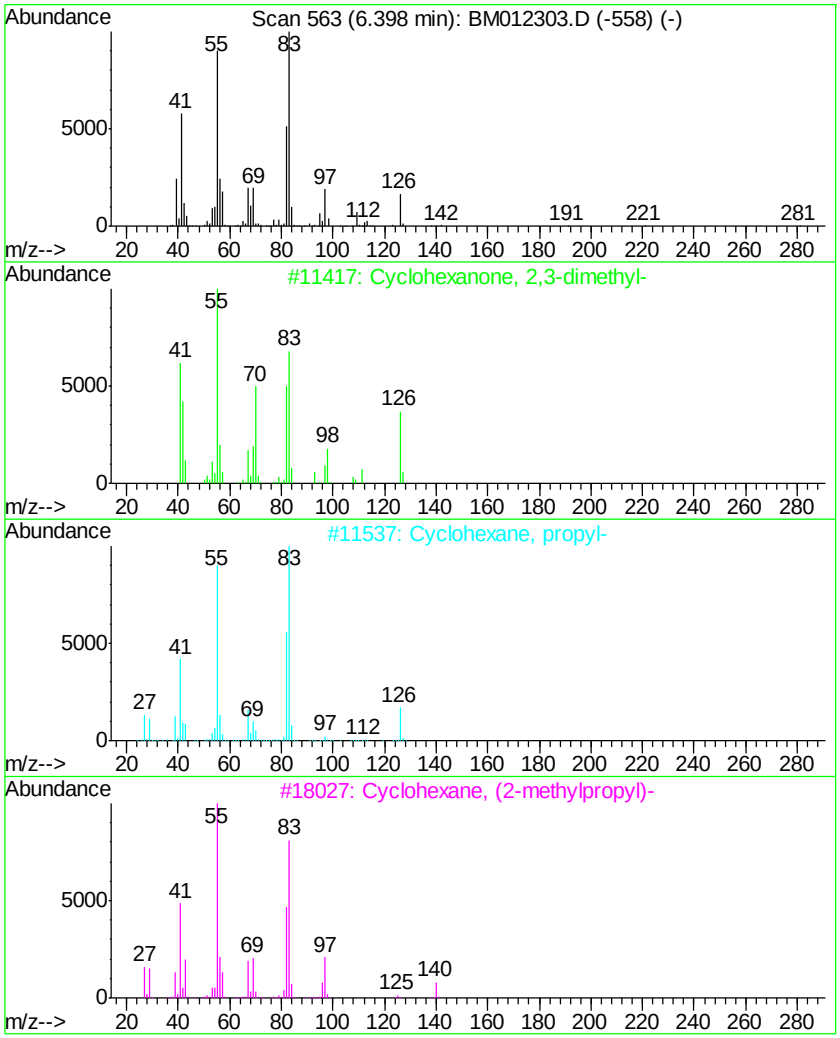
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

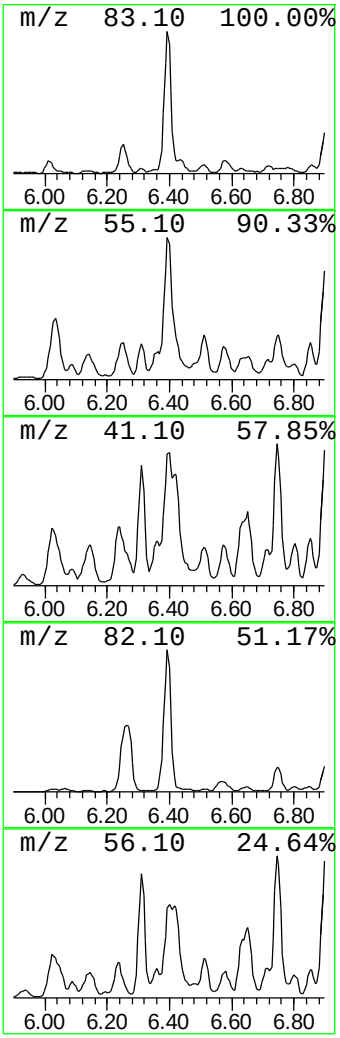
****

Peak Number 7 Cyclohexanone, 2,3-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	6.88 ng/ul	2946620	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	86
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

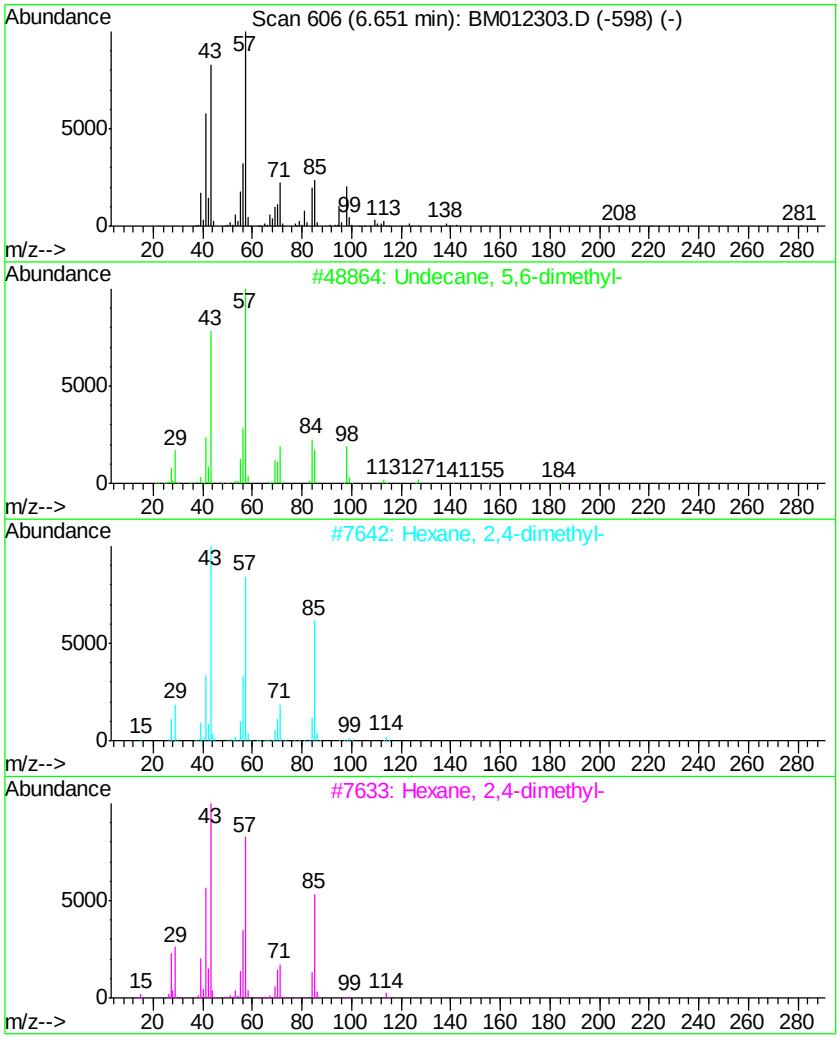
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

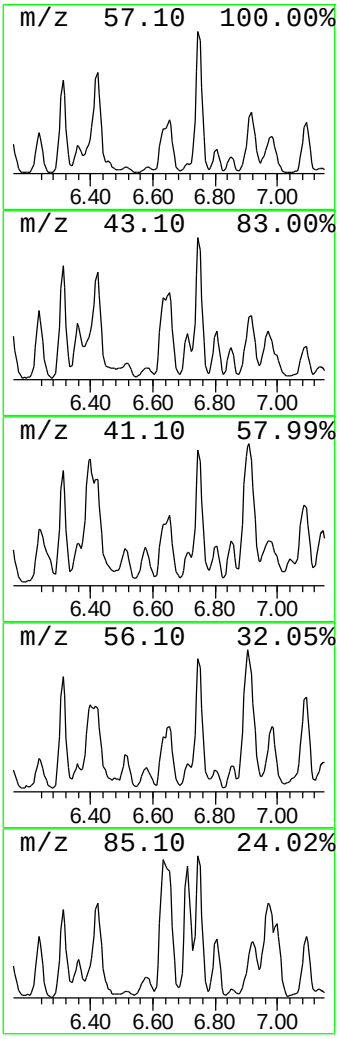
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.83 ng/ul	2493160	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	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	46
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43





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Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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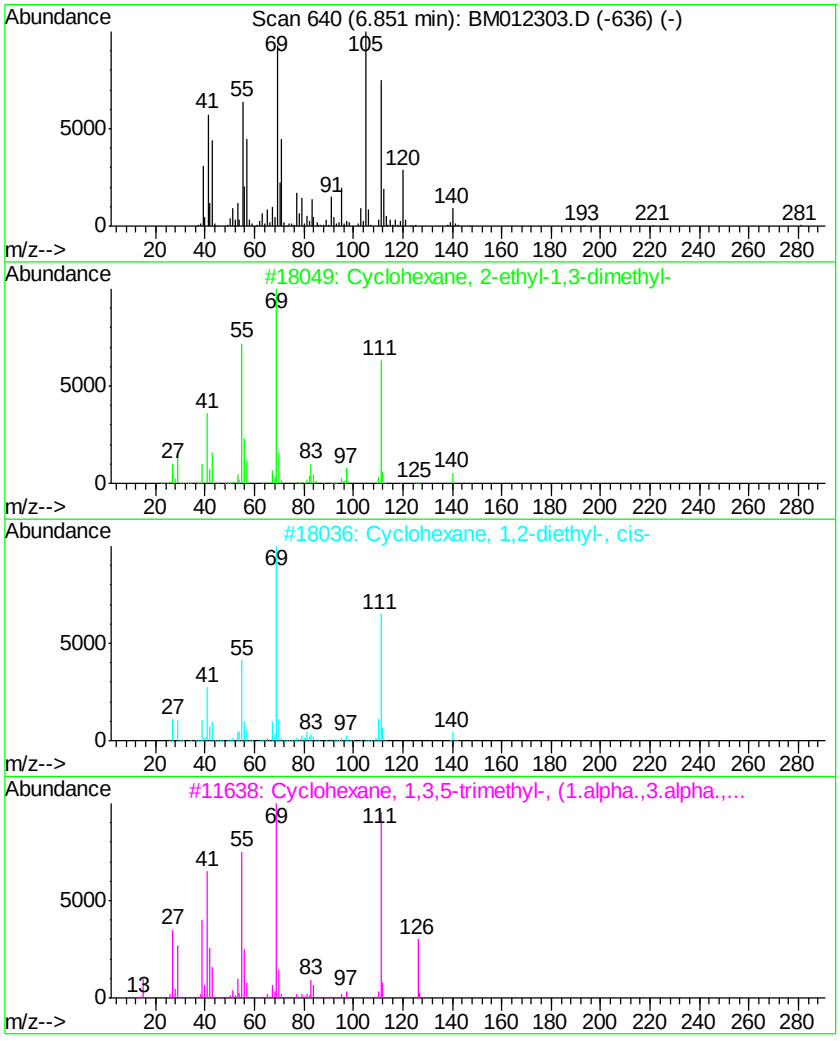
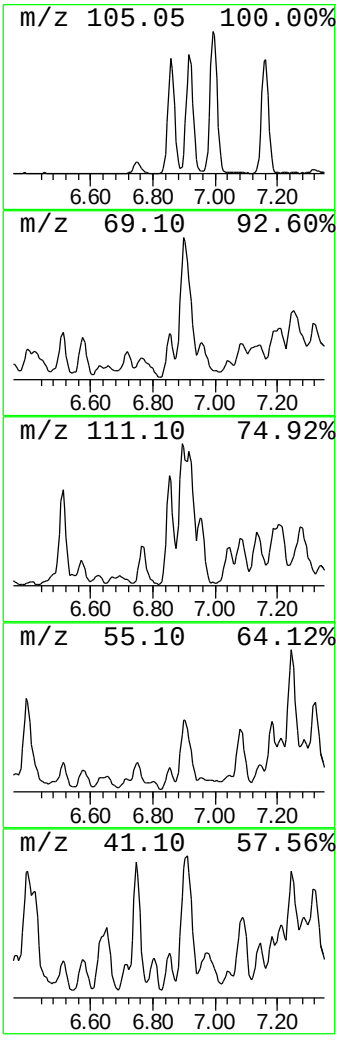
Peak Number 10 (DEL) Alkane: Cyclic6.85 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.22 ng/ul	1807050	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	60
2	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	47
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	47
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	43
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38





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Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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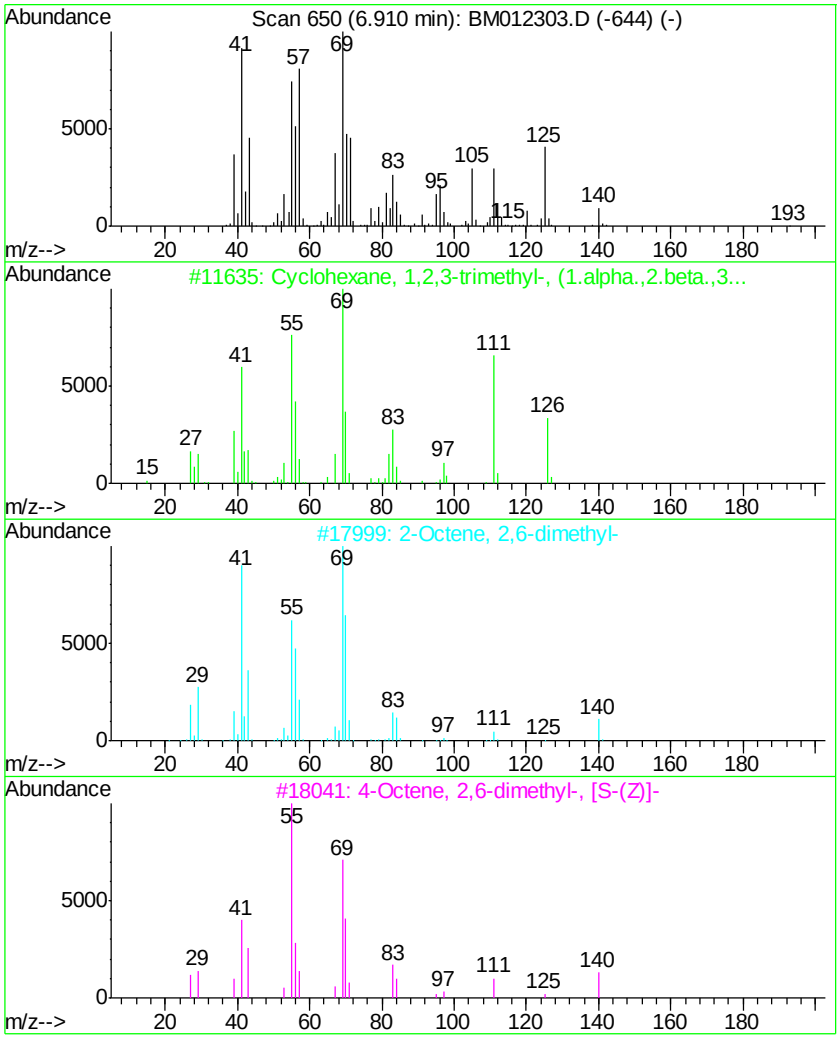
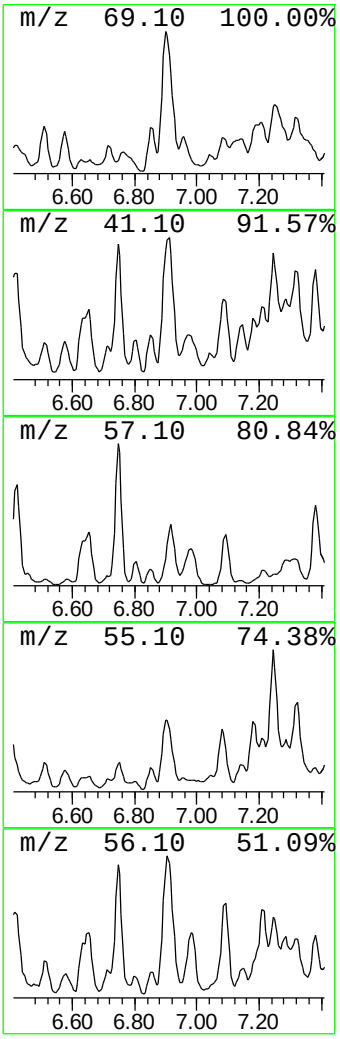
Peak Number 11 (DEL) Alkane: Cyclic6.91 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	13.34 ng/ul	5707990	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	43
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	38
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	30





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Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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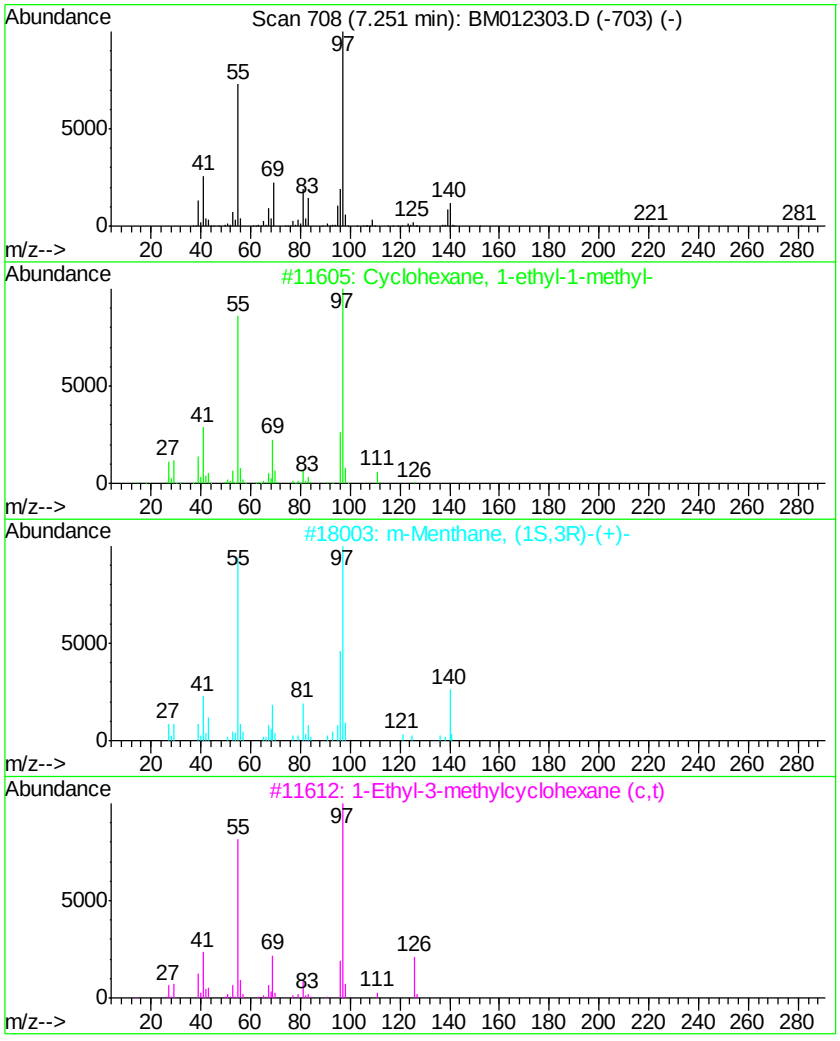
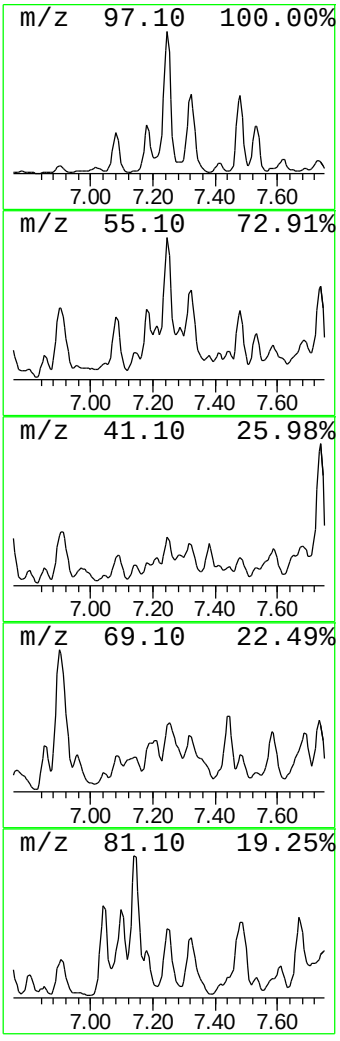
Peak Number 12 (DEL) Alkane: Cyclic7.25 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.63 ng/ul	2410720	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	80
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	80
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72





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Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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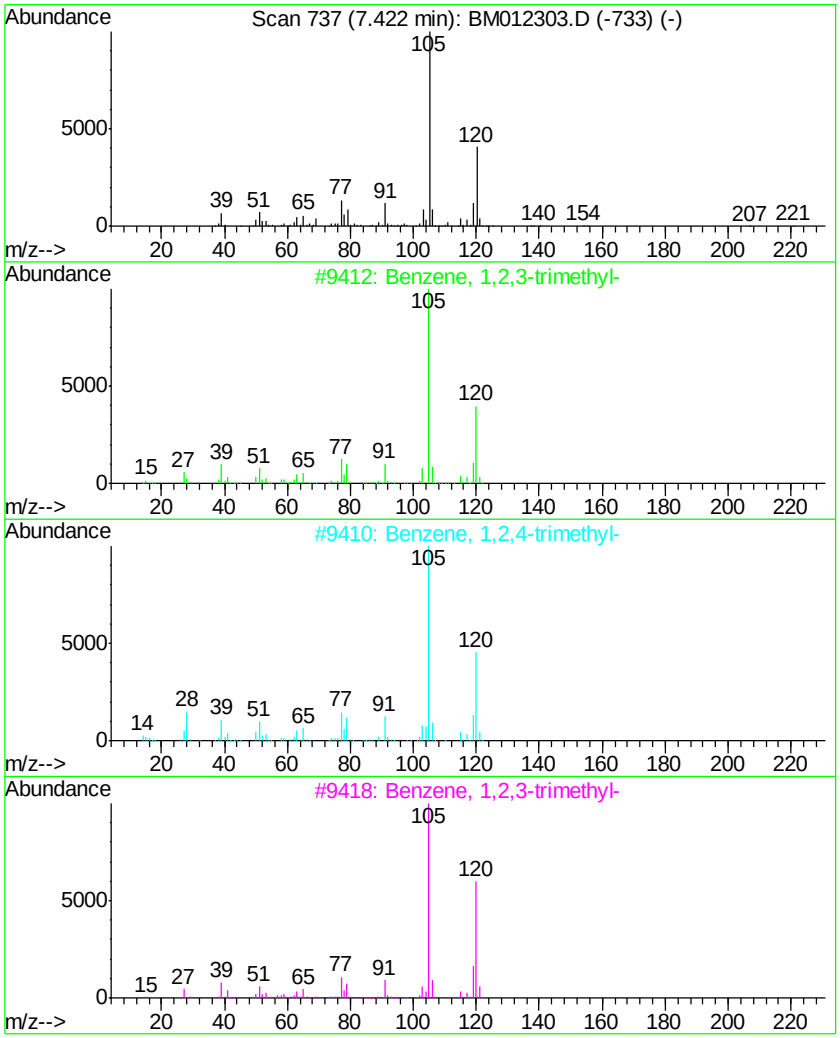
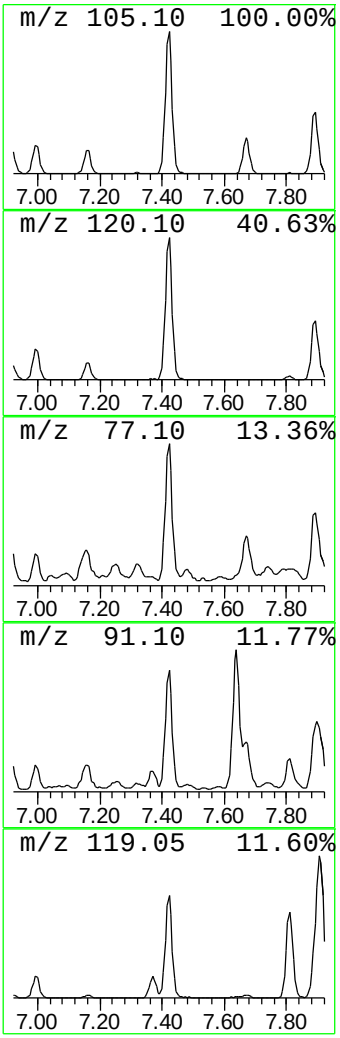
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	9.55 ng/ul	4088780	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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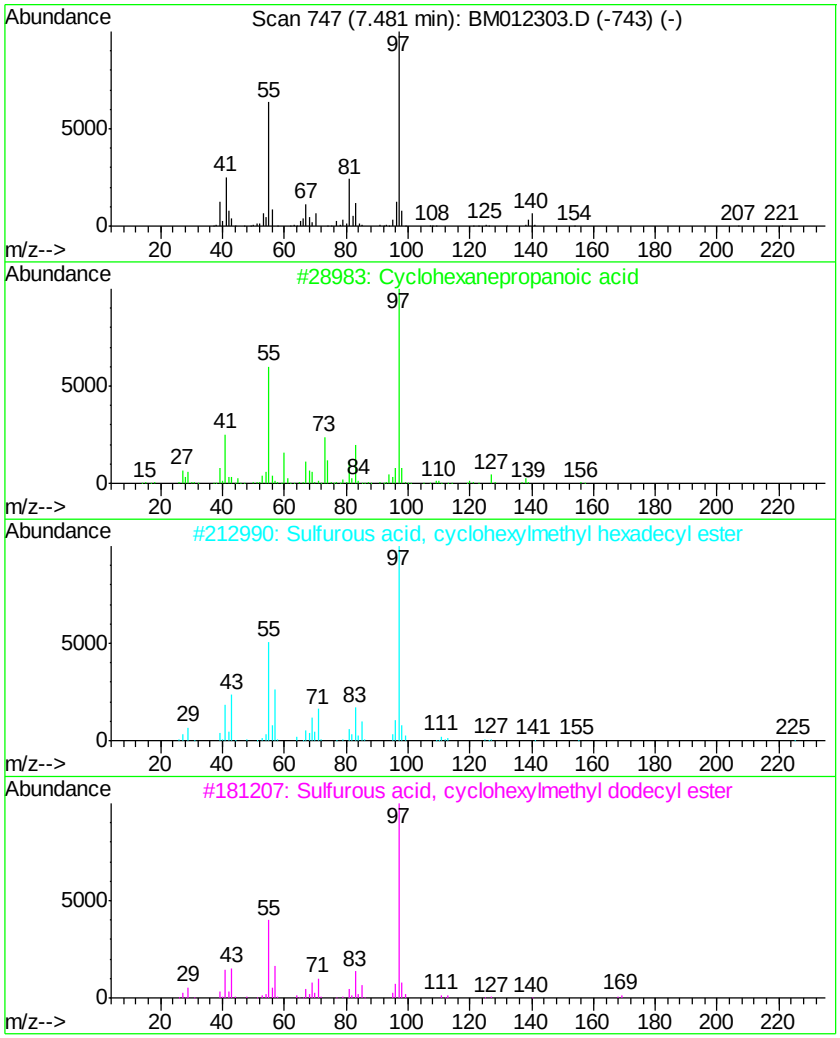
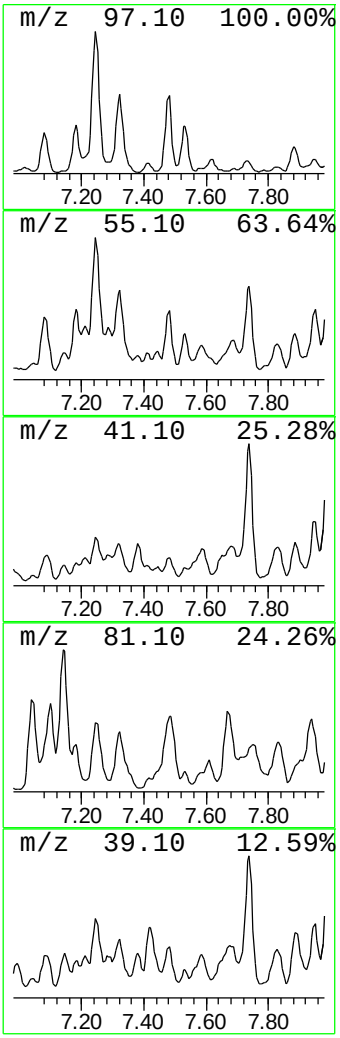
Peak Number 14 Cyclohexanepropanoic acid Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	4.68 ng/ul	2001620	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	78
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
4	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	72





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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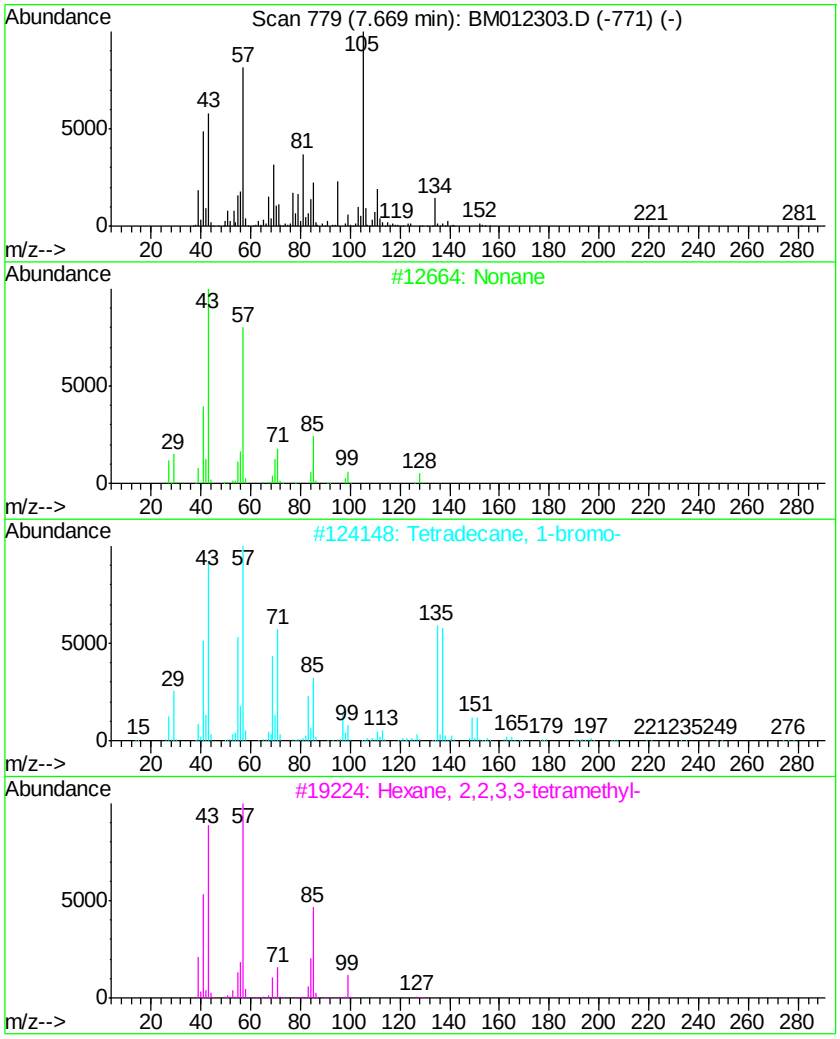
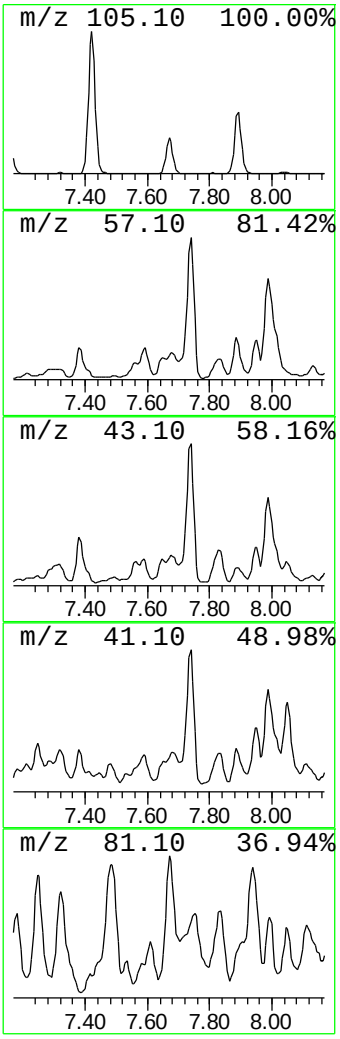
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	12.51 ng/ul	5352870	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	27
2	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	27
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	27
4	Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	27
5	Decane, 2-methyl-	156	C11H24	006975-98-0	27





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Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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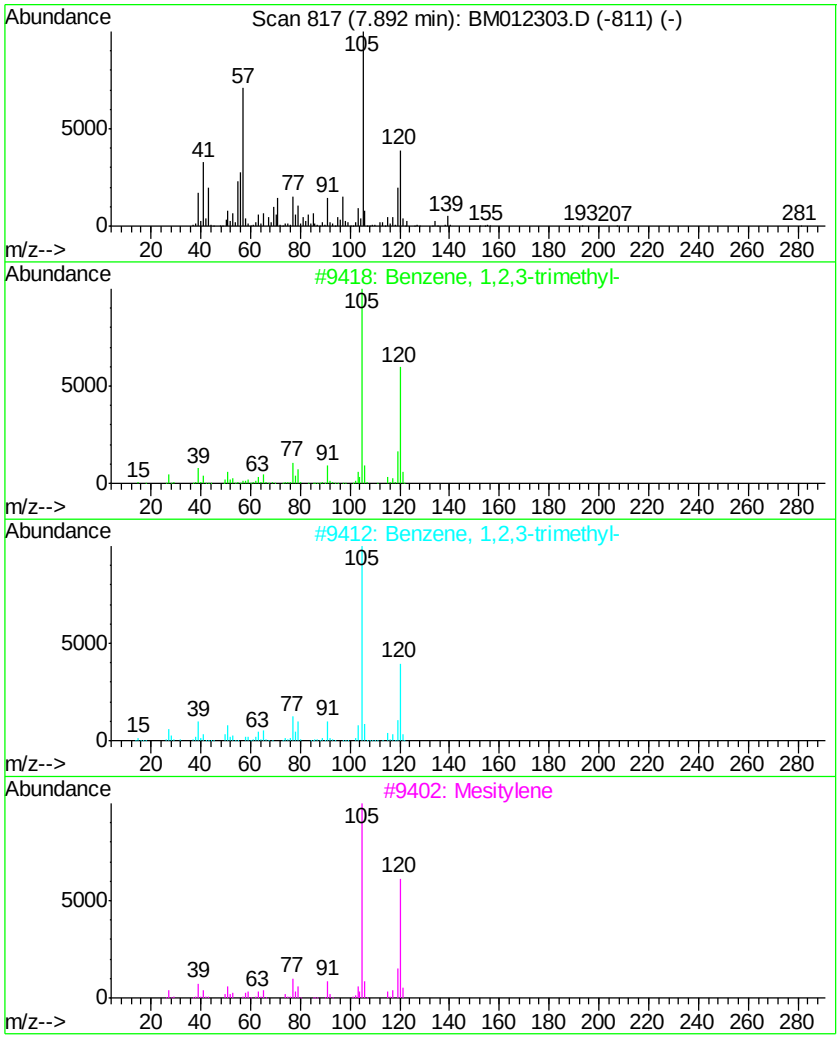
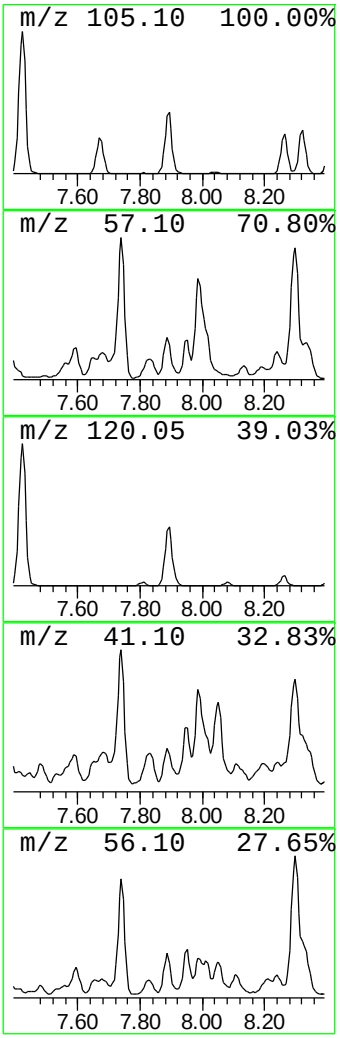
Peak Number 17 Mesitylene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	12.09 ng/ul	5176340	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
3	Mesitylene	120	C9H12	000108-67-8	89
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





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Quant Title : SVOA CALIBRATION

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

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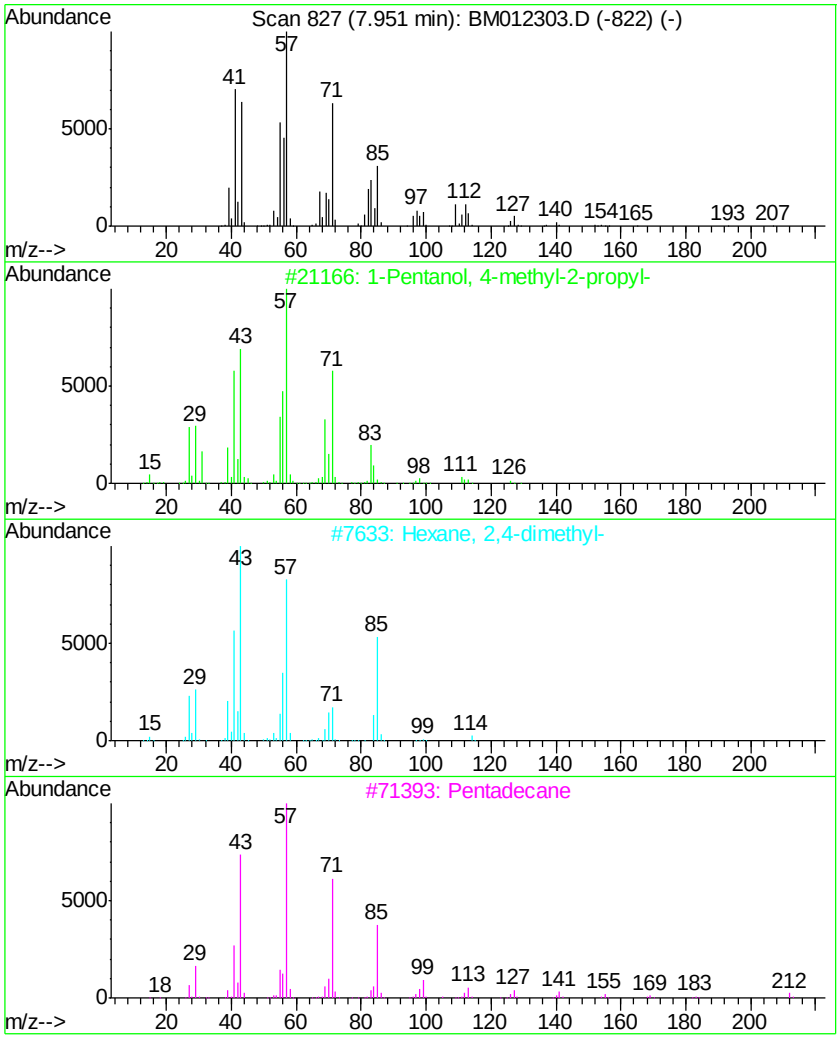
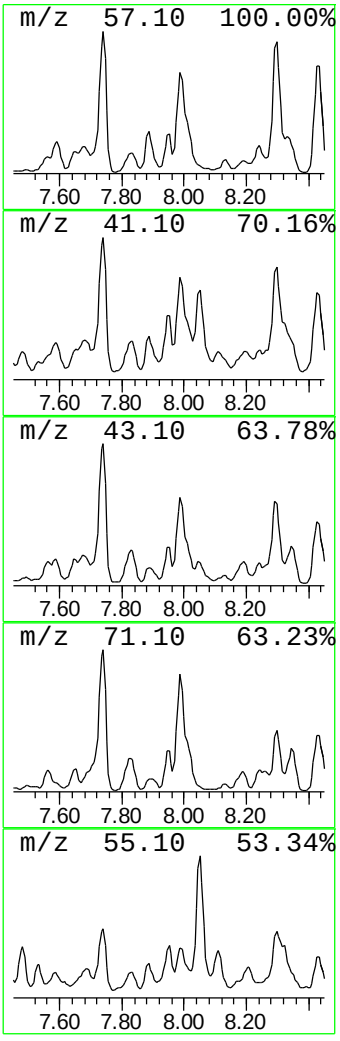
Peak Number 18 1-Pentanol, 4-methyl-2-propyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.95 ng/ul	2974990	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	50
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3	Pentadecane	212	C15H32	000629-62-9	43
4	Tridecane	184	C13H28	000629-50-5	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Quant Title : SVOA CALIBRATION

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

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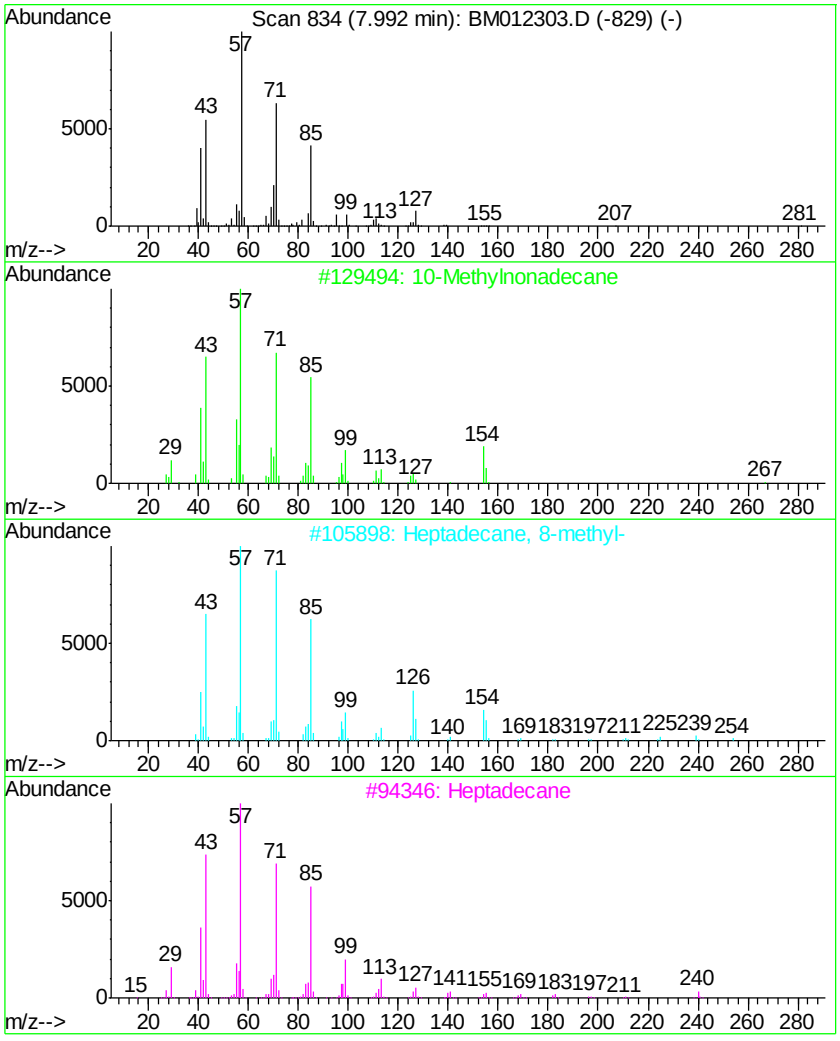
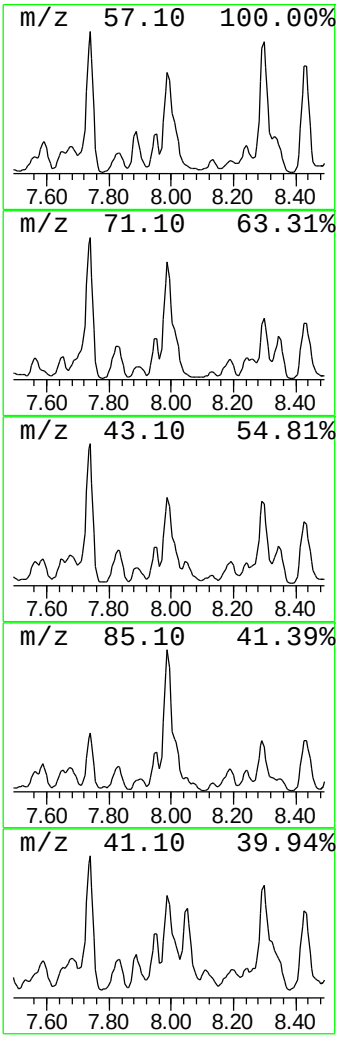
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	17.77 ng/ul	7603470	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	64
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59





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Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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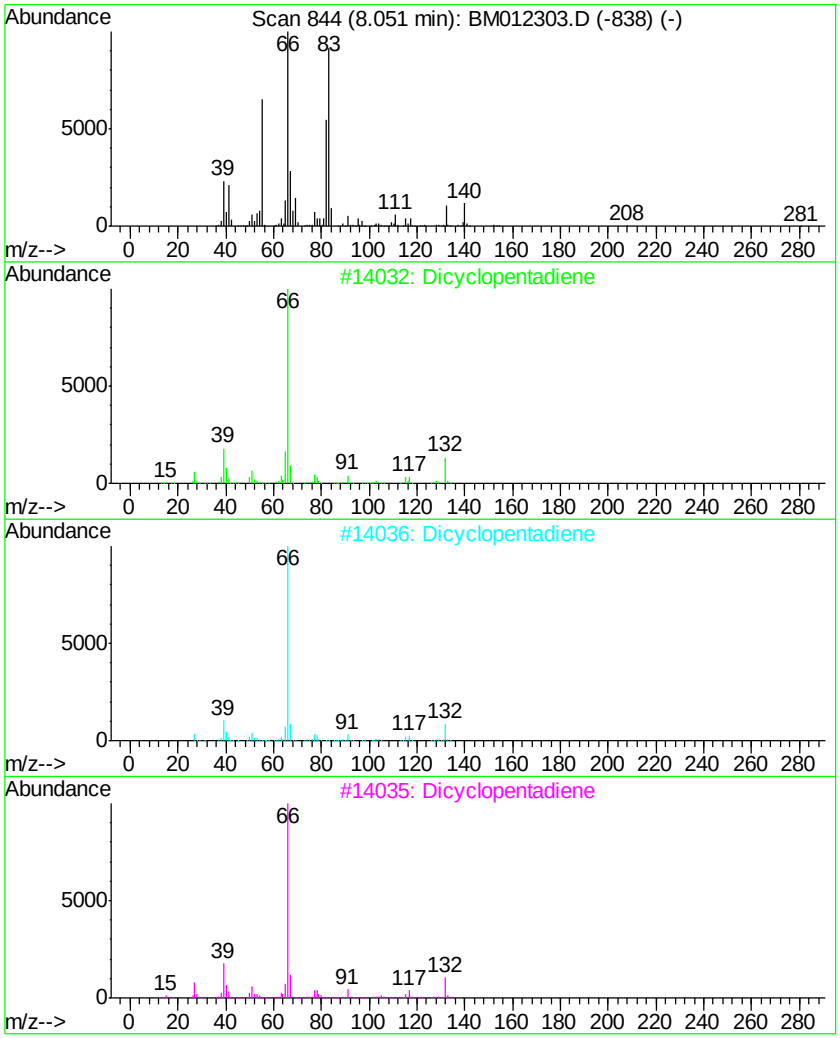
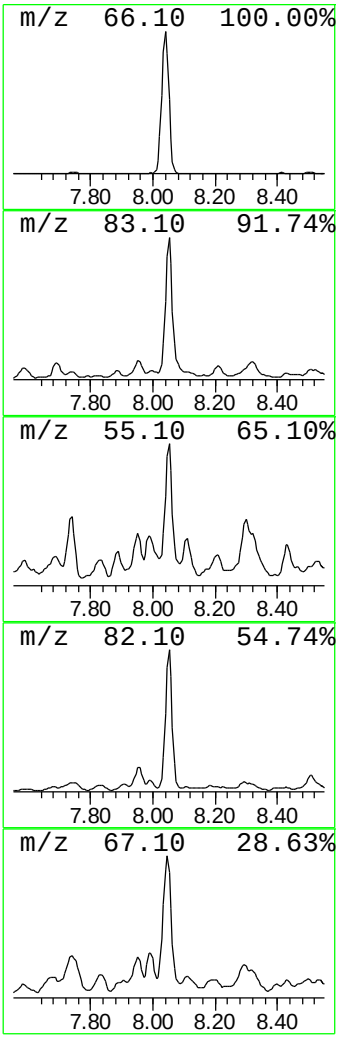
Peak Number 20 Dicyclopentadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	29.24 ng/ul	12516000	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	81
2	Dicyclopentadiene	132	C10H12	000077-73-6	81
3	Dicyclopentadiene	132	C10H12	000077-73-6	74
4	Dicyclopentadiene	132	C10H12	000077-73-6	72
5	Dicyclopentadiene	132	C10H12	000077-73-6	72





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ALS Vial : 22 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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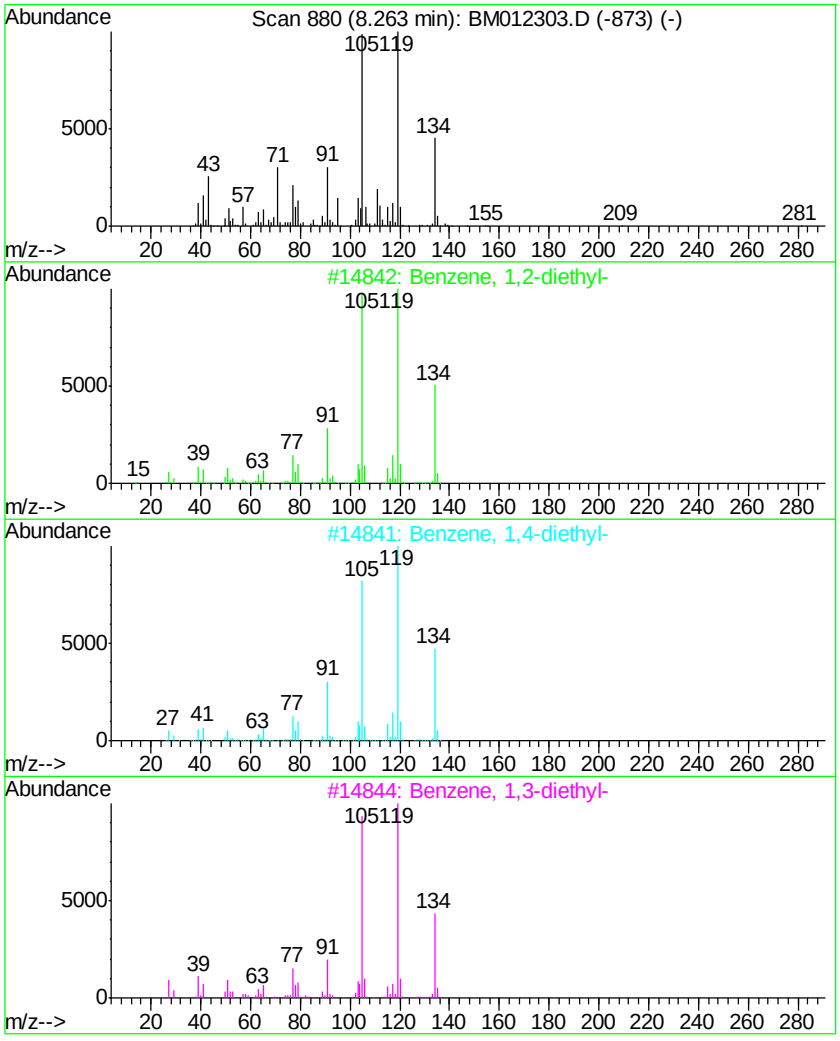
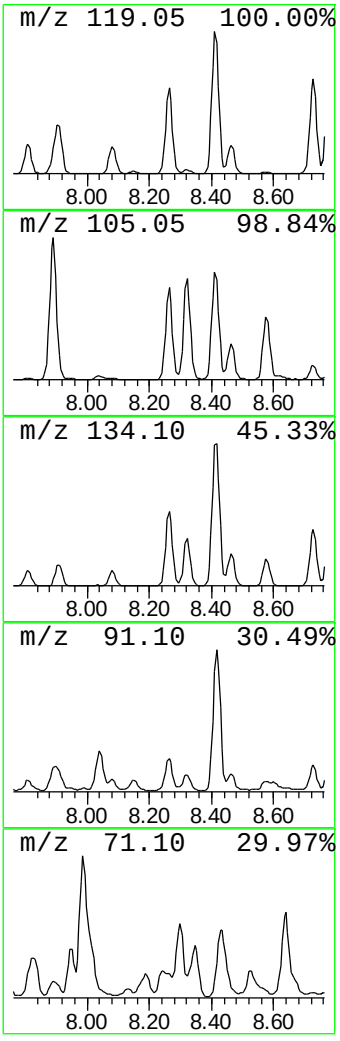
Peak Number 21 Benzene, 1,2-diethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	7.00 ng/ul	2997580	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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Sample : I5747-07
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId : B-34(0-1)-100617

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TIC Integration Parameters: LSCINT.P

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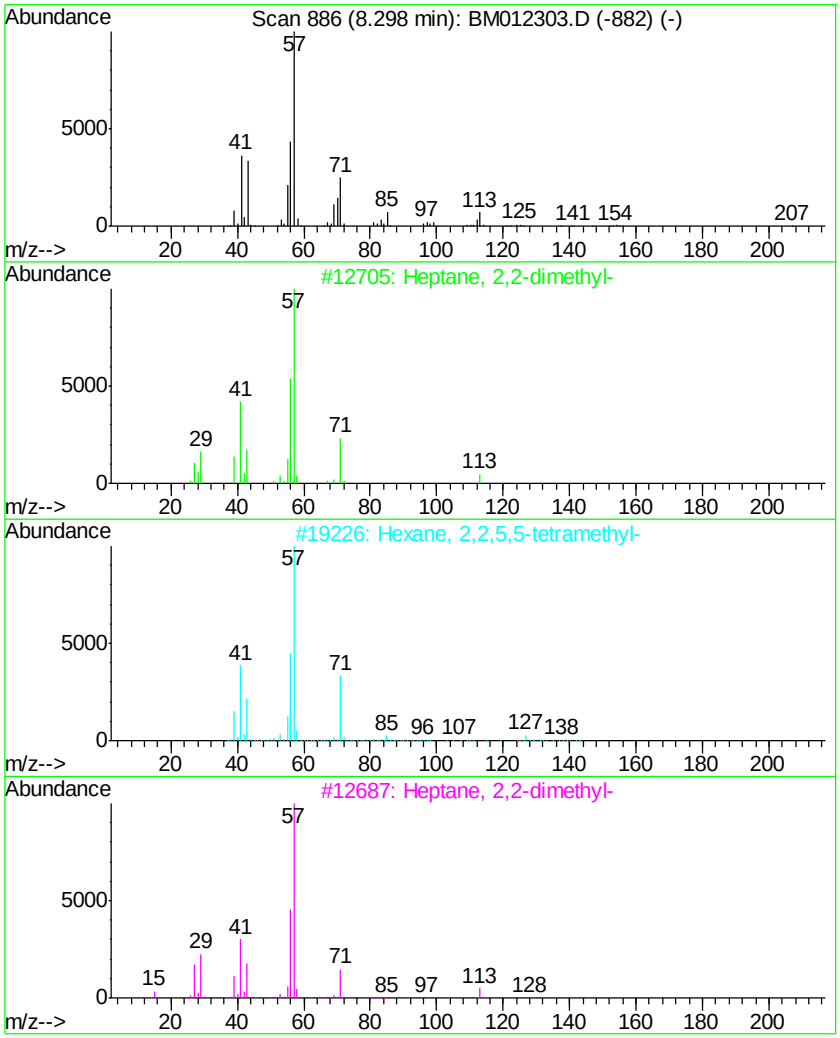
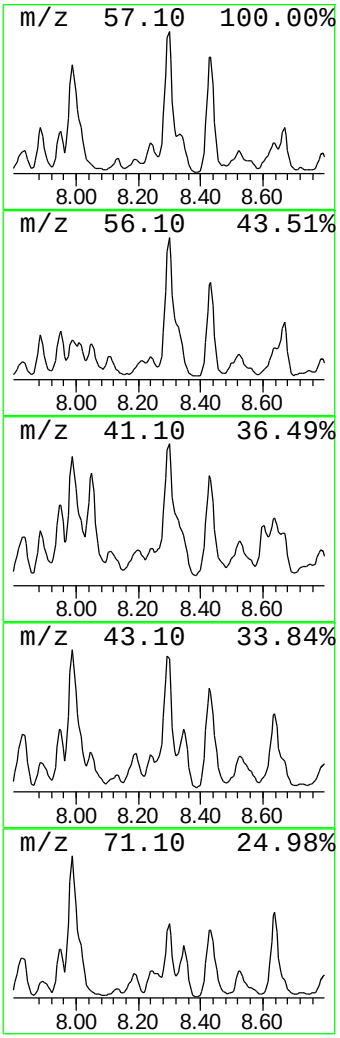
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	34.43 ng/ul	14736500	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
4	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	50
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43





Library Search Compound Report

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Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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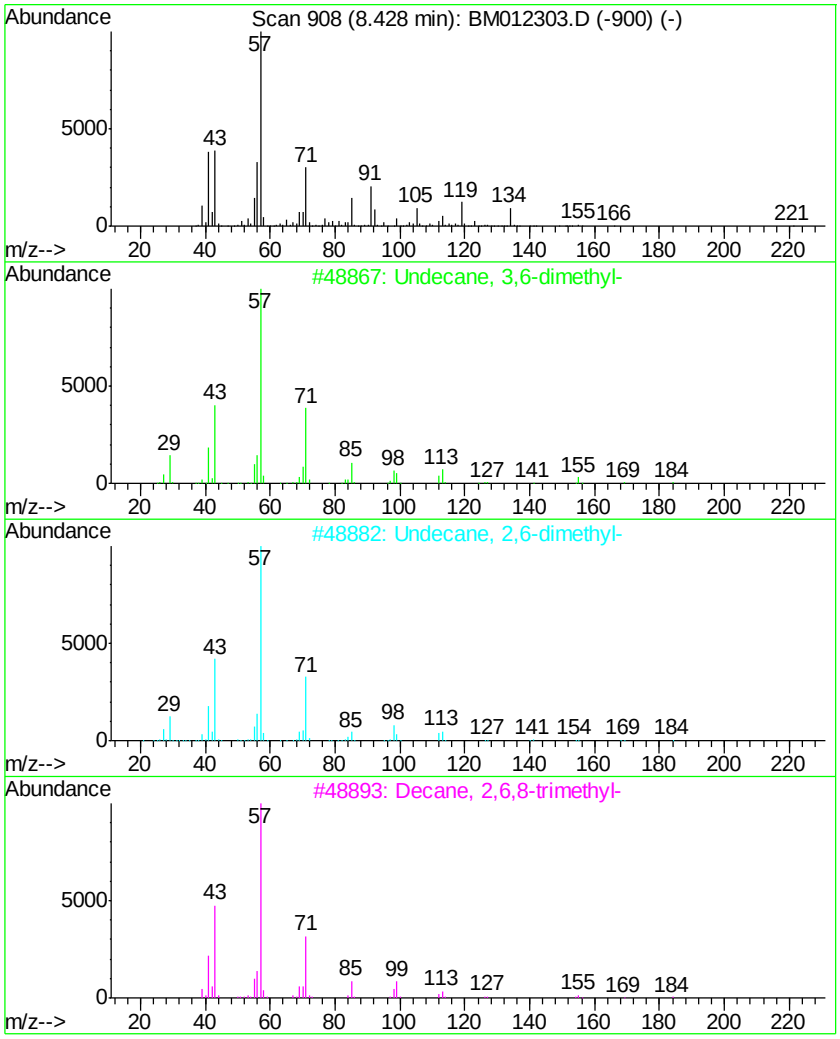
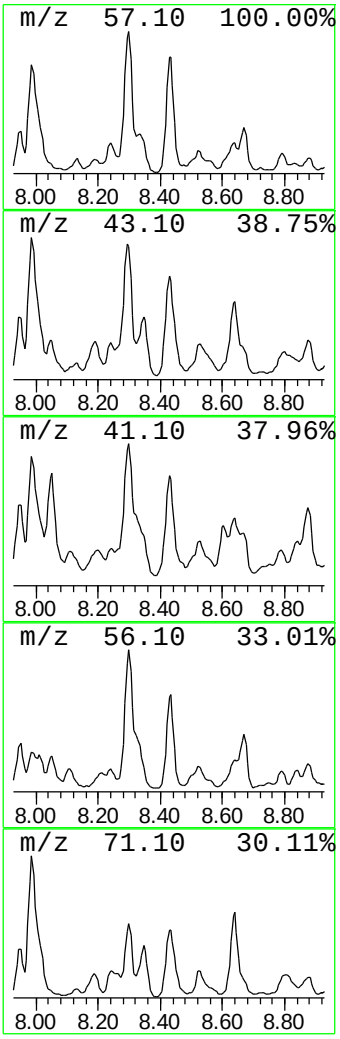
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	28.01 ng/ul	11989300	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35





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Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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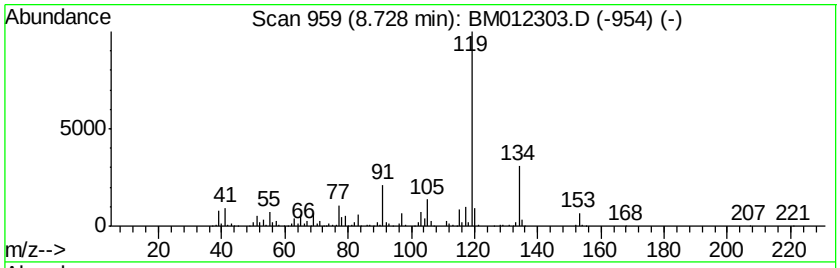
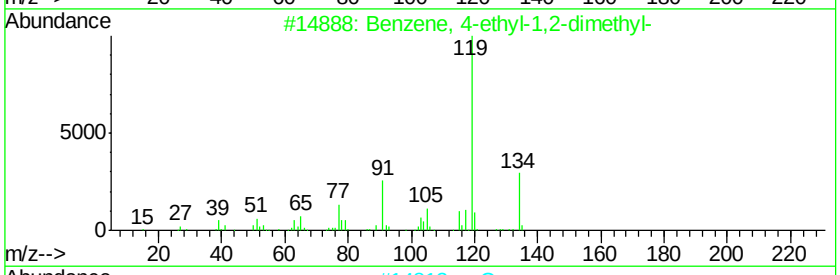
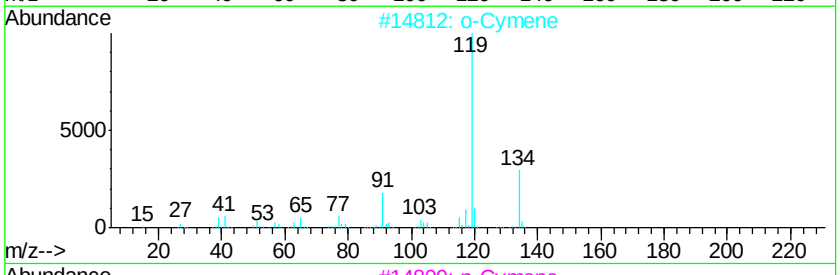
Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 70

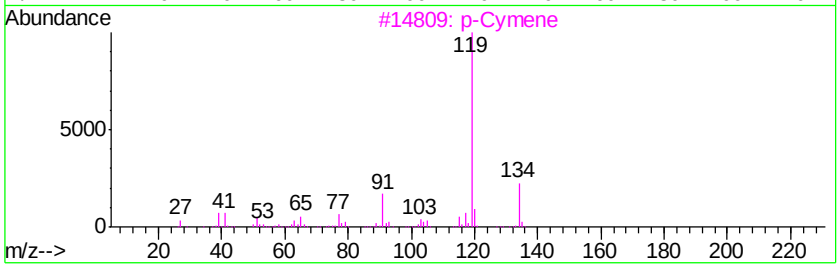
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.43 ng/ul	1896440	1,4-Dichlorobenzene-d4	7.78

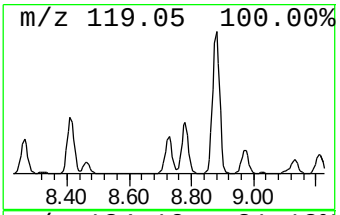
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95

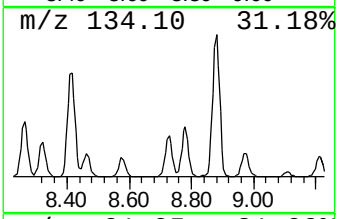


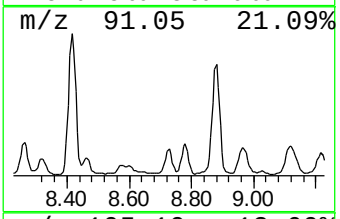


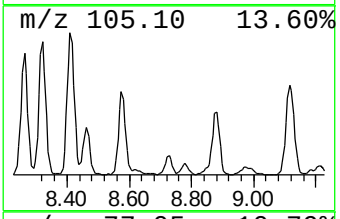


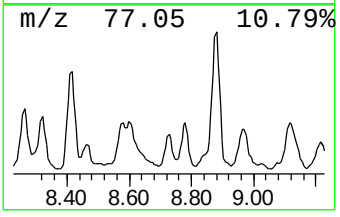












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Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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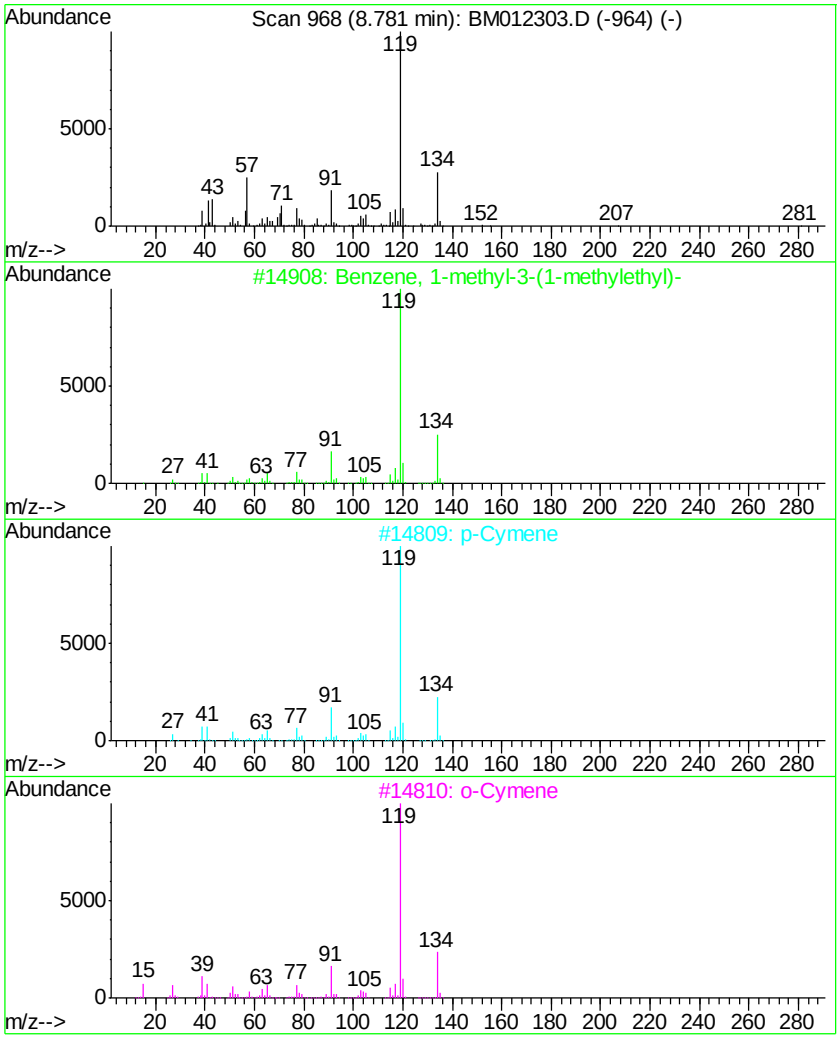
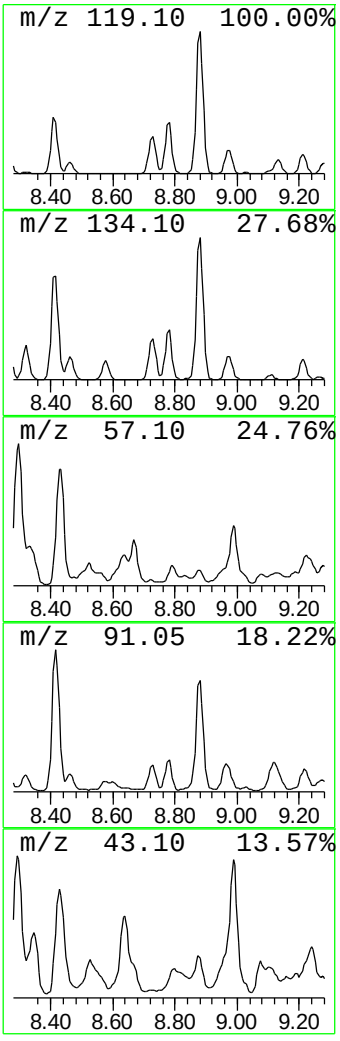
Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	4.67 ng/ul	1999500	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Sample : I5747-07
Misc :
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ClientSampleId : B-34(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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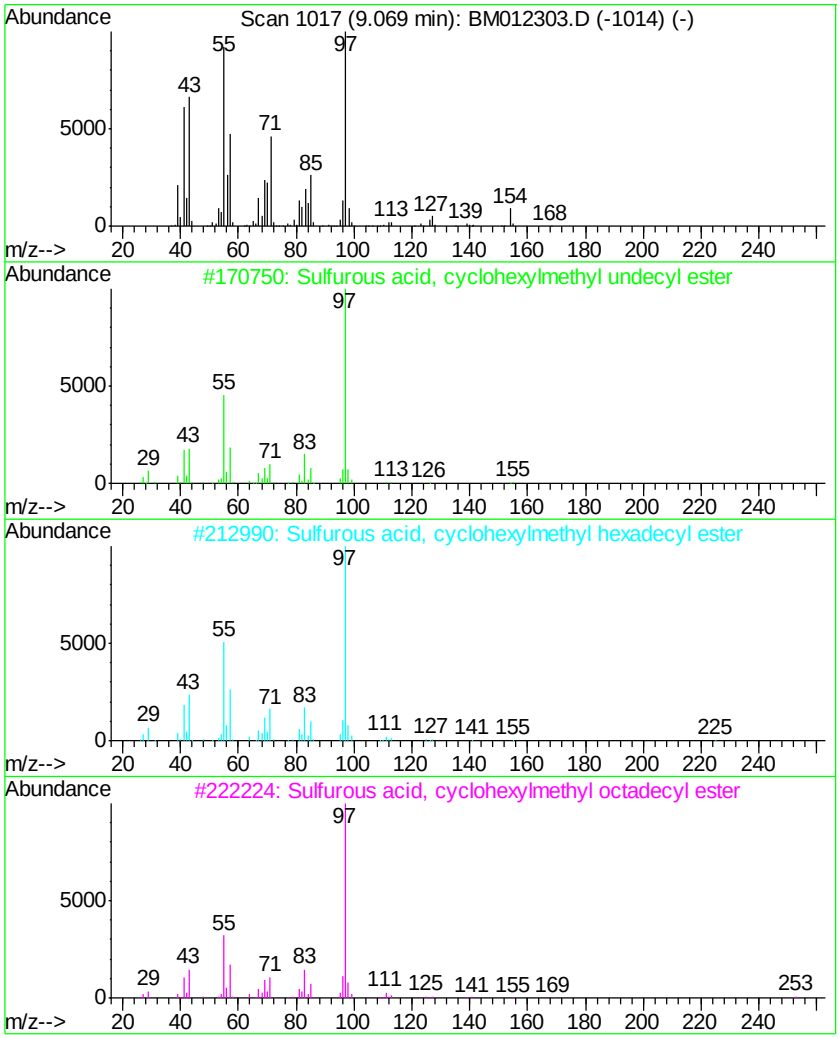
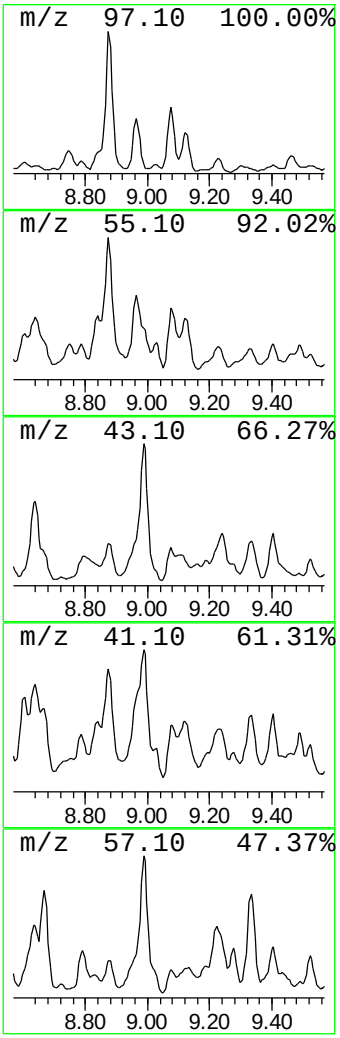
Peak Number 27 Sulfurous acid, cyclohexylm... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	6.14 ng/ul	2627330	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	58
3	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	52
4	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	50
5	1-Nonadecene	266	C19H38	018435-45-5	46





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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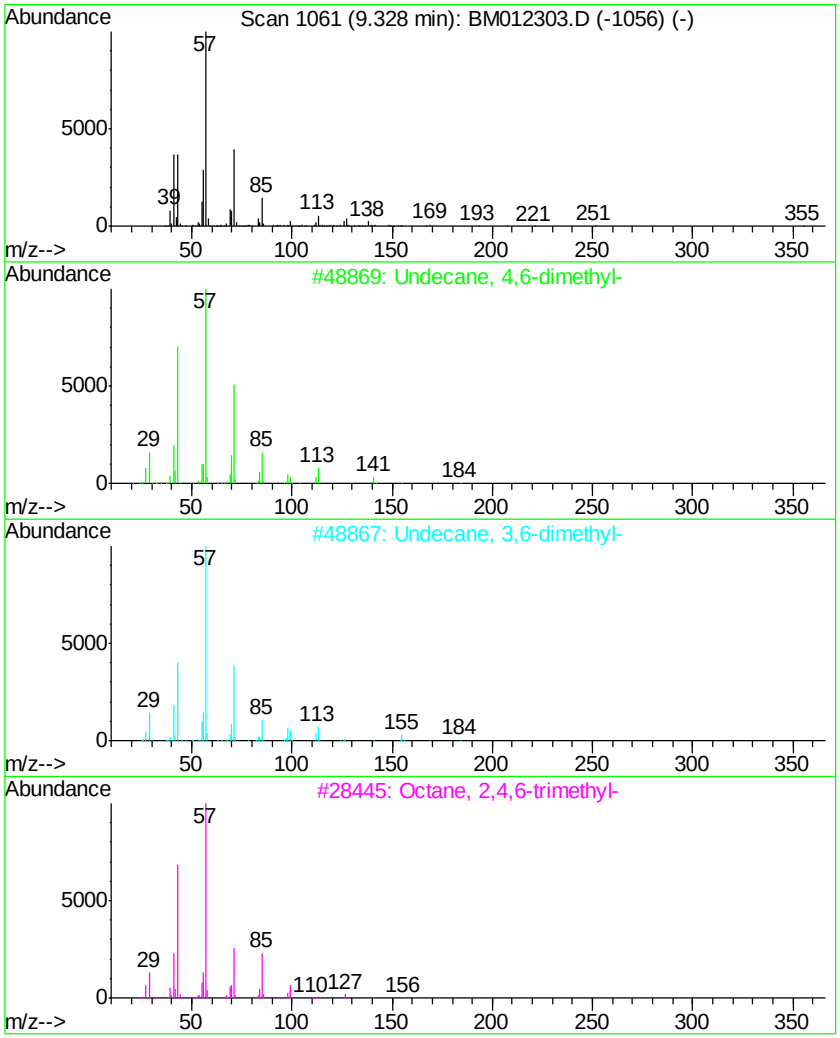
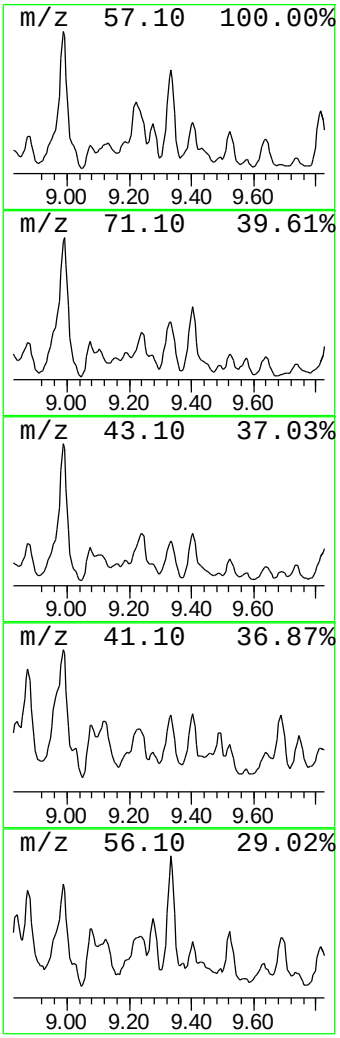
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	14.39 ng/ul	2462340	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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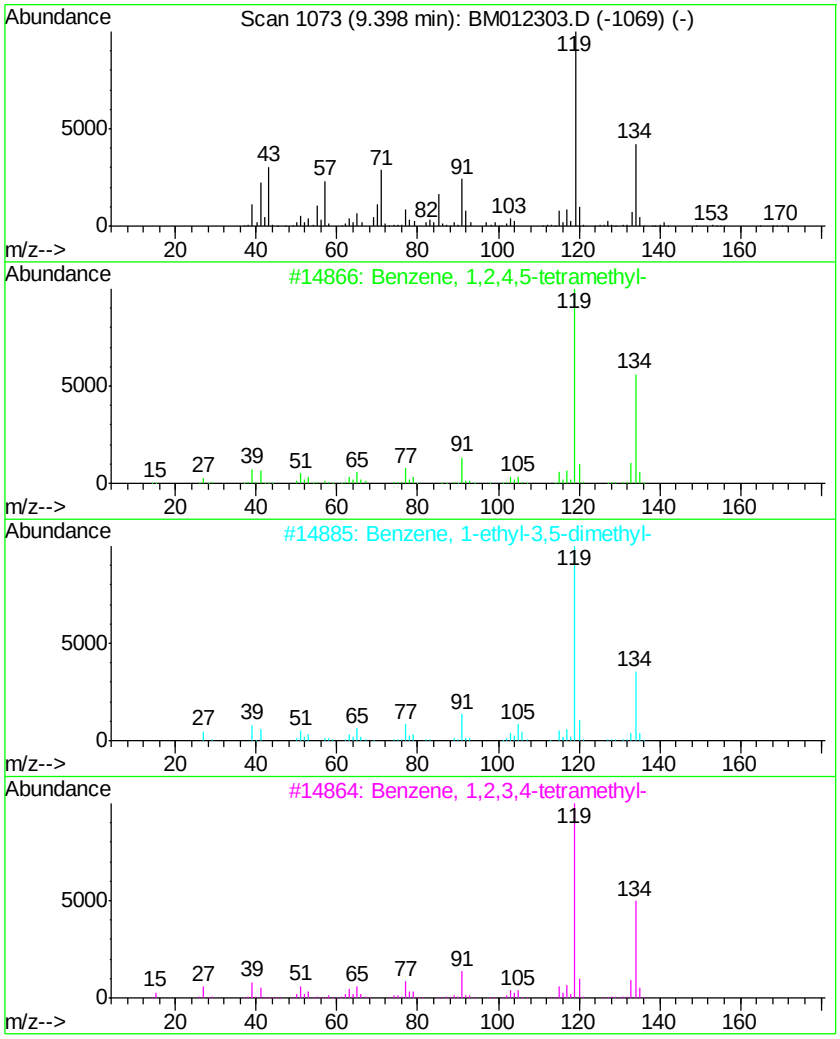
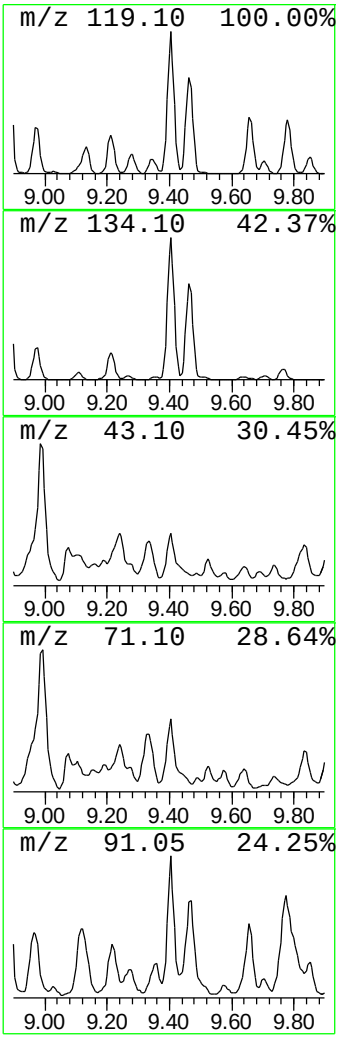
Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	20.51 ng/ul	3509450	Naphthalene-d8	10.59

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	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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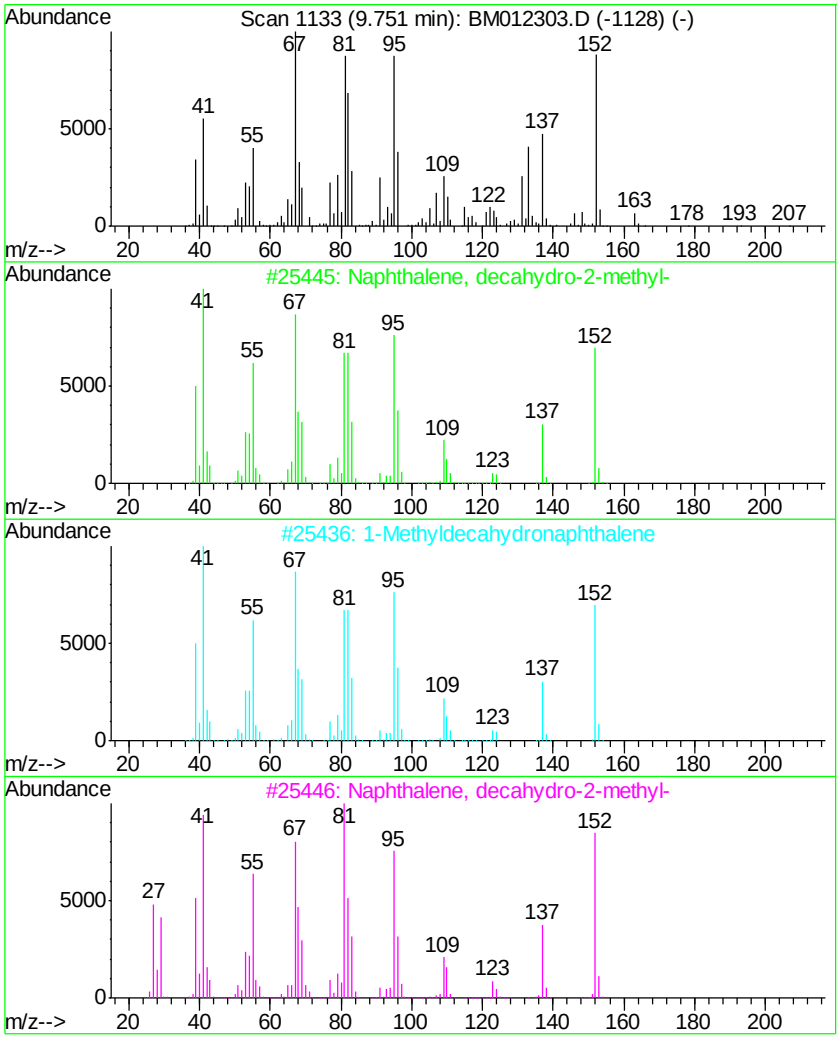
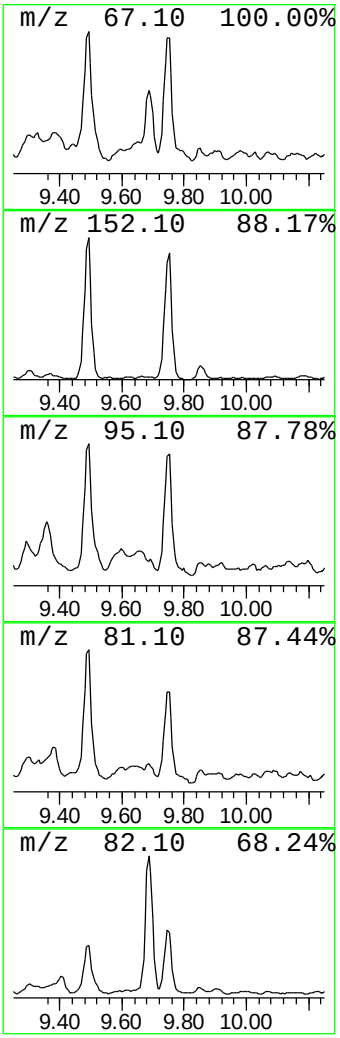
Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	15.32 ng/ul	2620160	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62





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Quant Title : SVOA CALIBRATION

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

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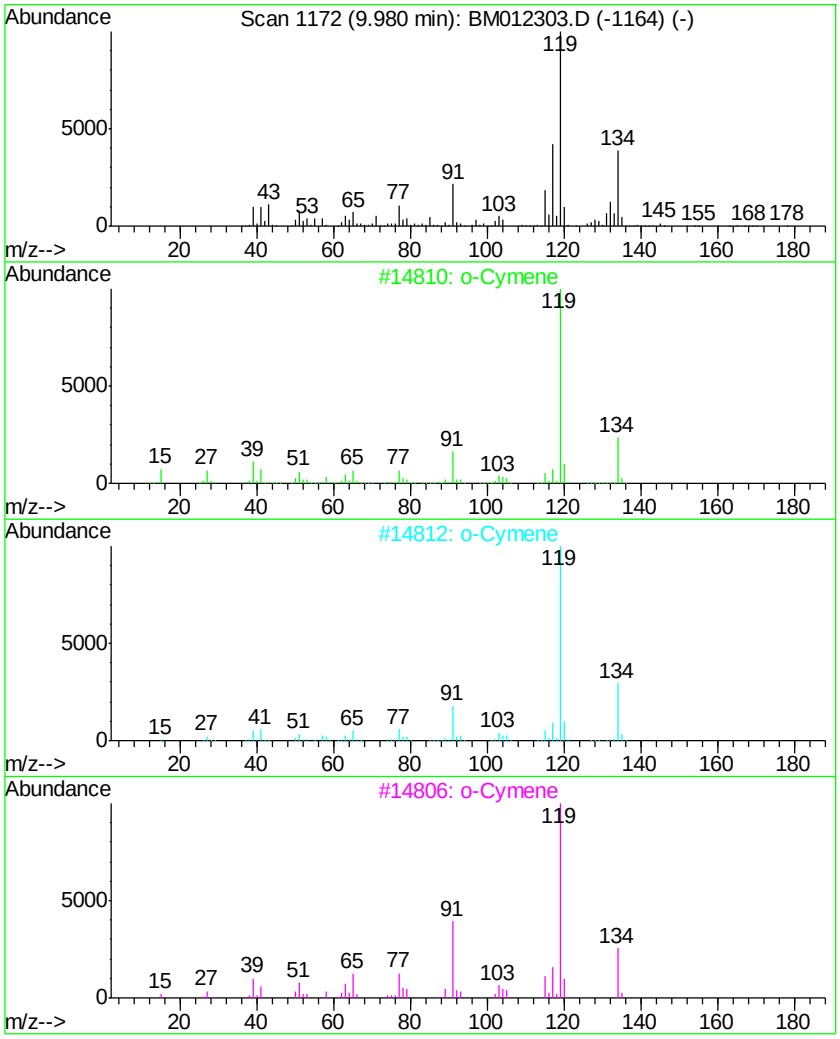
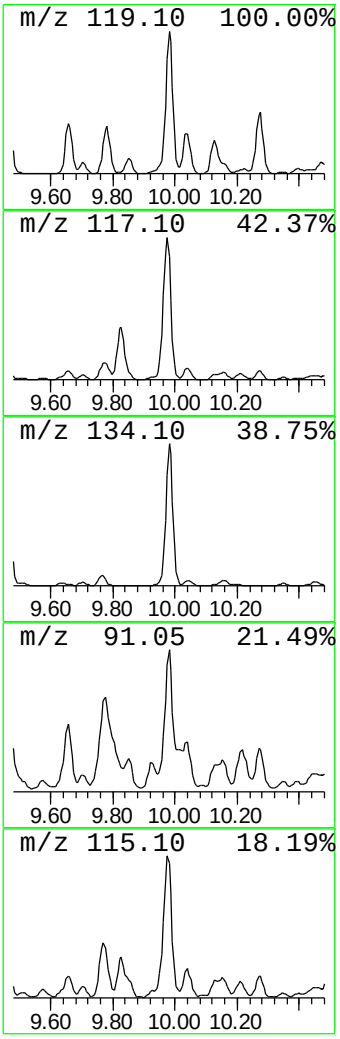
Peak Number 33 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	30.72 ng/ul	5255980	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	o-Cymene	134	C10H14	000527-84-4	70





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Quant Title : SVOA CALIBRATION

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

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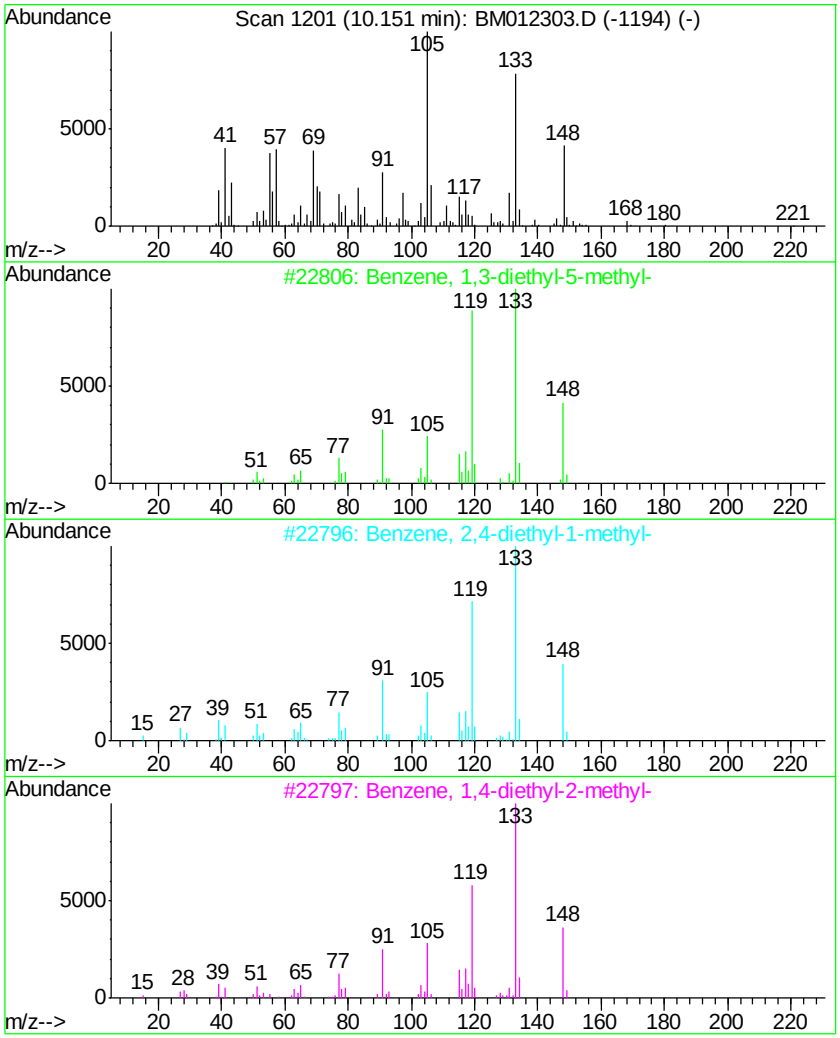
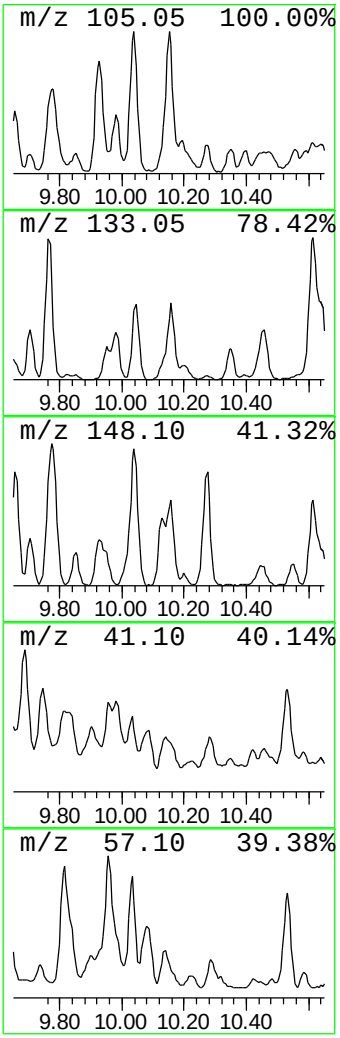
Peak Number 34 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	12.20 ng/ul	2086860	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64





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

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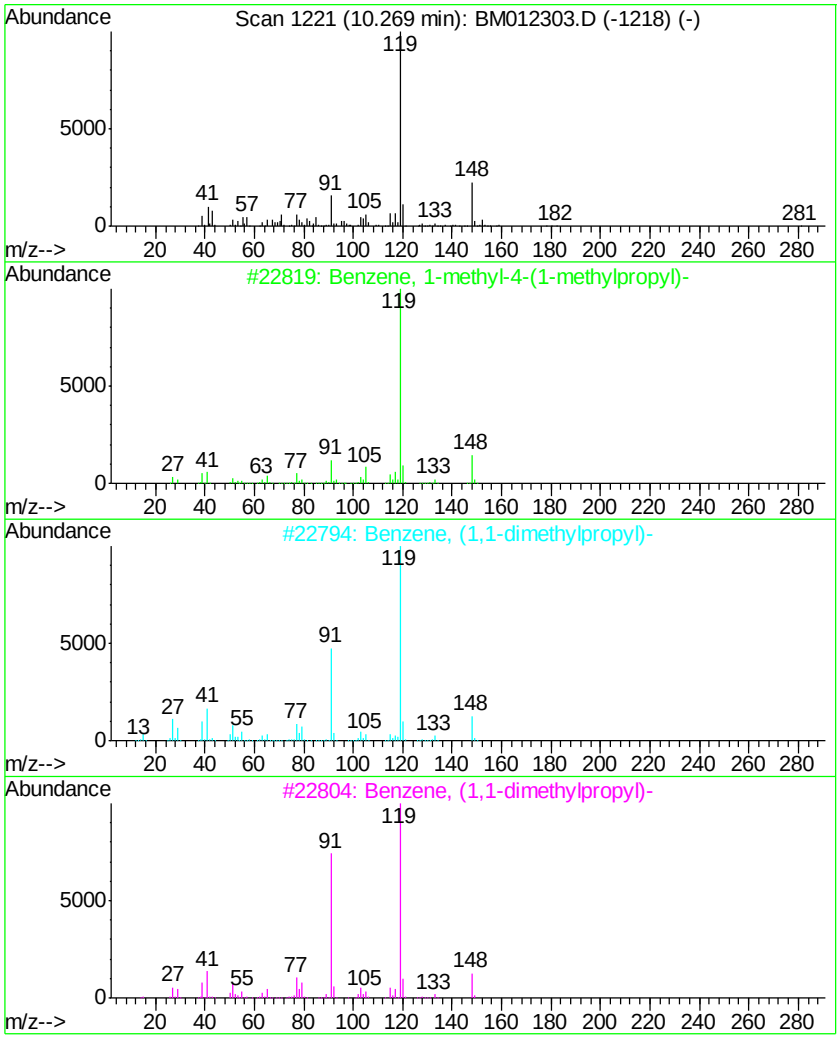
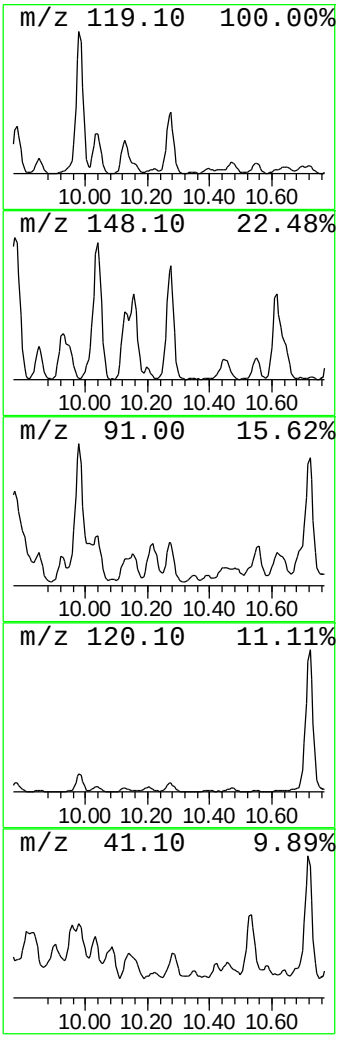
Peak Number 35 Benzene, 1-methyl-4-(1-meth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.48 ng/ul	1793090	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

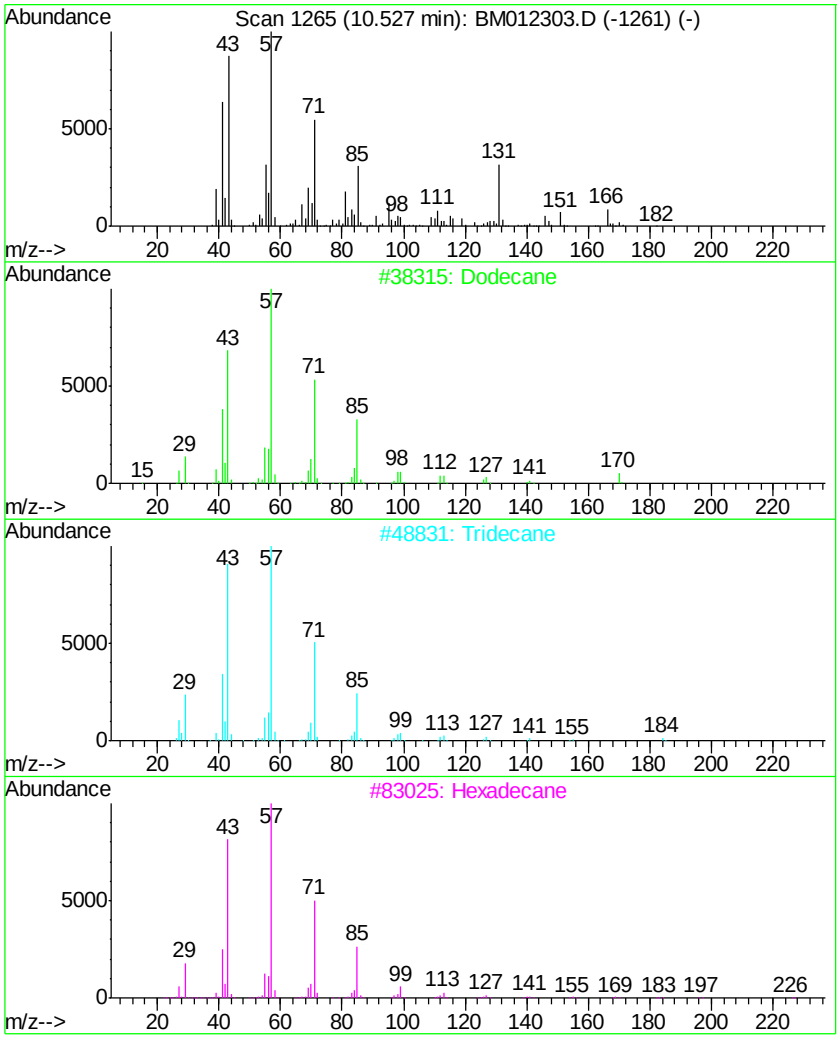
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

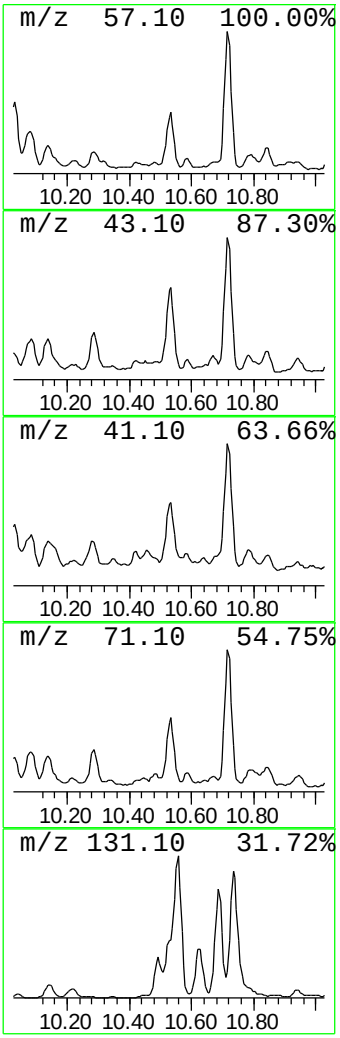
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	15.63 ng/ul	2673480	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tridecane	184	C13H28	000629-50-5	46
3	Hexadecane	226	C16H34	000544-76-3	46
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	46
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

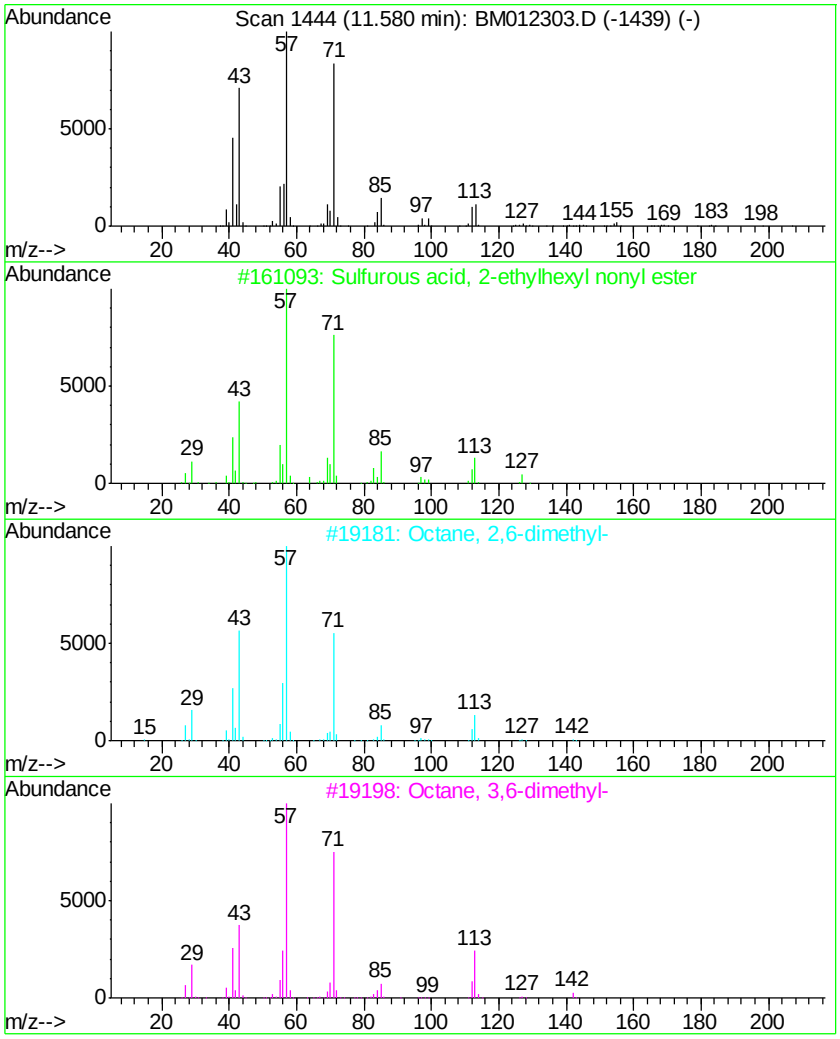
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

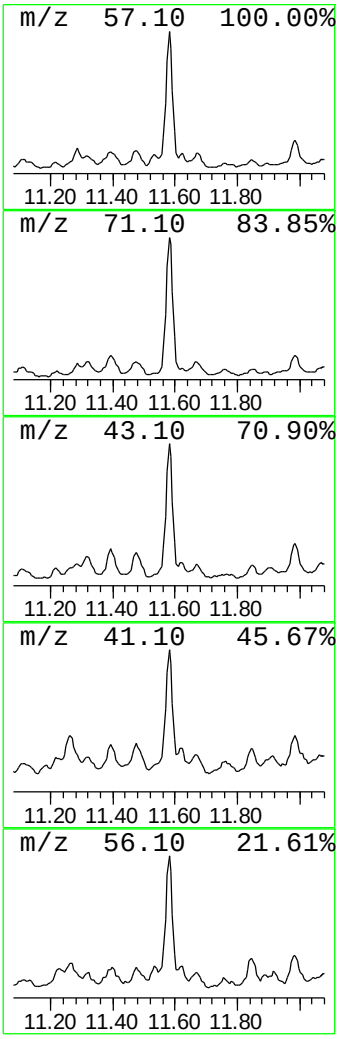
****

Peak Number 37 Sulfurous acid, 2-ethylhexy... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	10.83 ng/ul	1851950	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

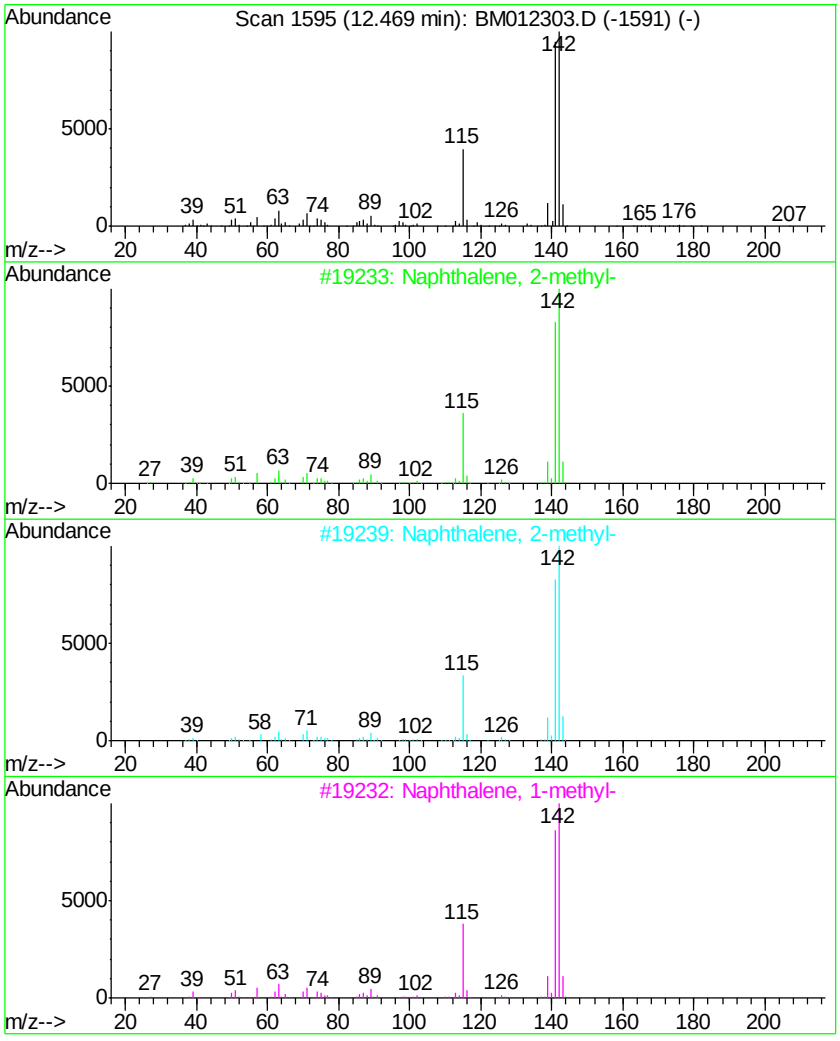
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

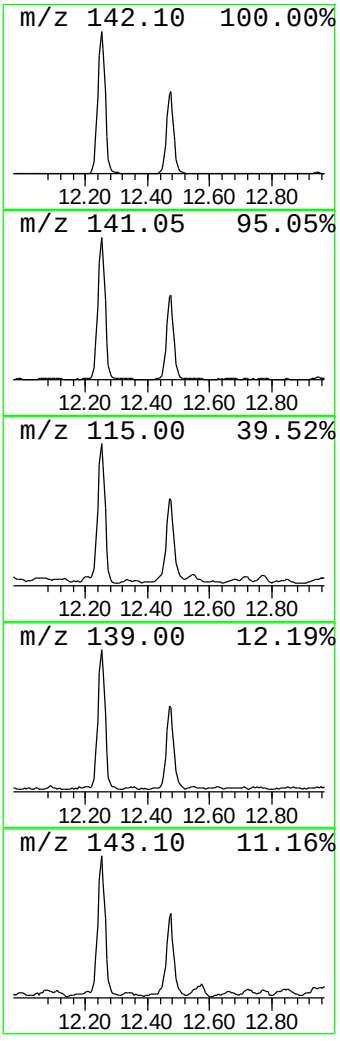
****

Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	14.12 ng/ul	2414860	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
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Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

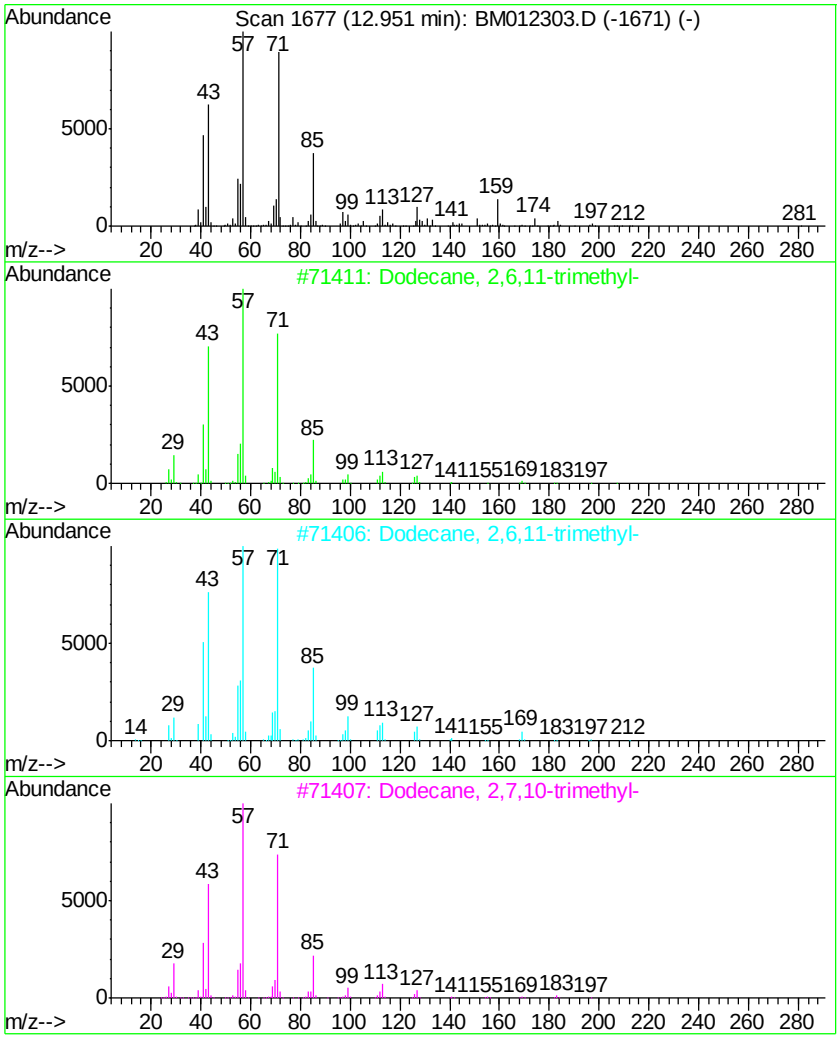
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

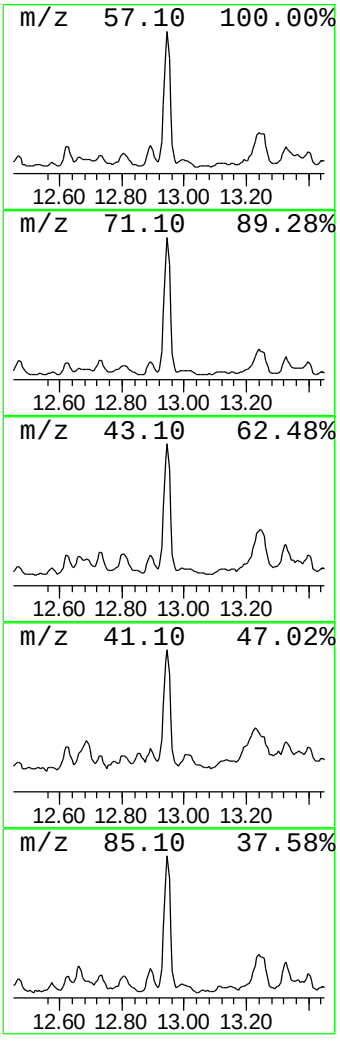
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	12.14 ng/ul	2828700	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

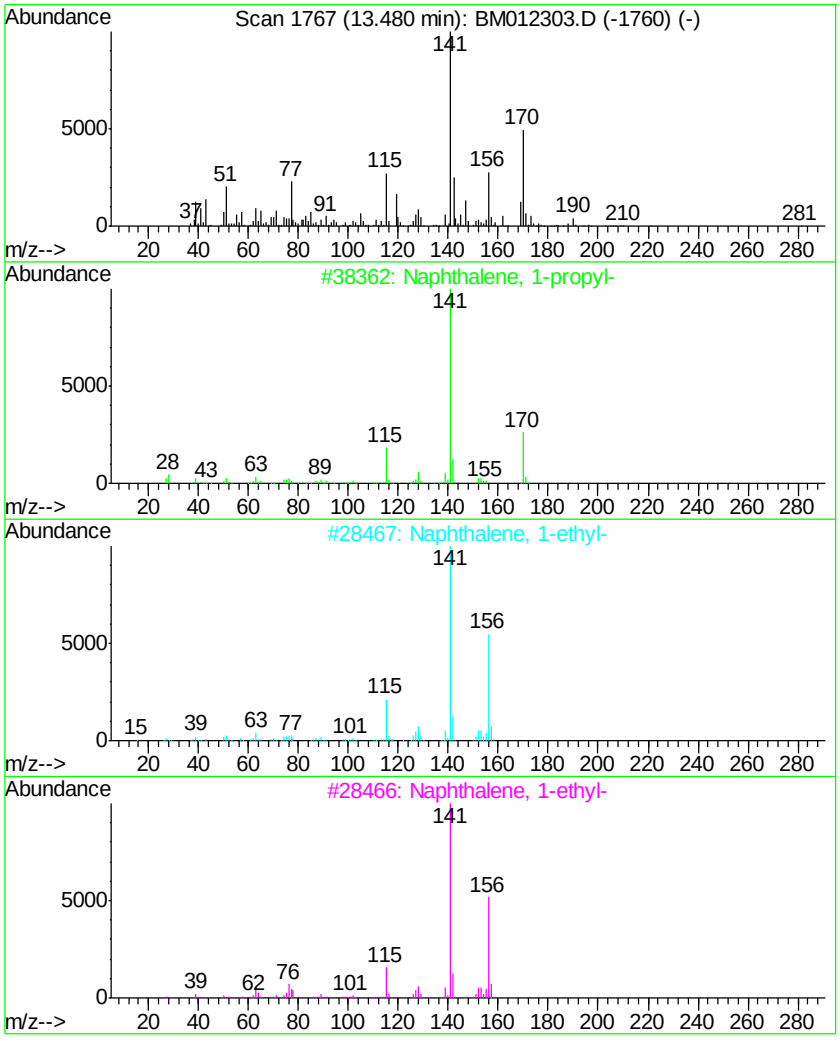
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

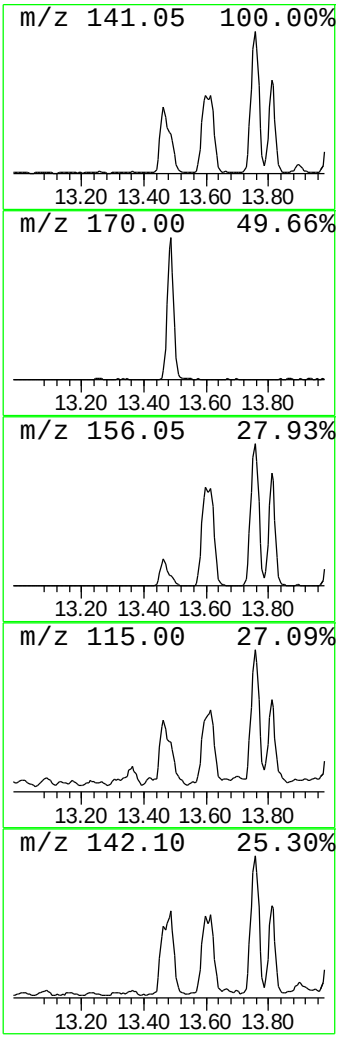
****

Peak Number 40 Naphthalene, 1-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	11.71 ng/ul	2728680	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	50
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	50
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	50
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

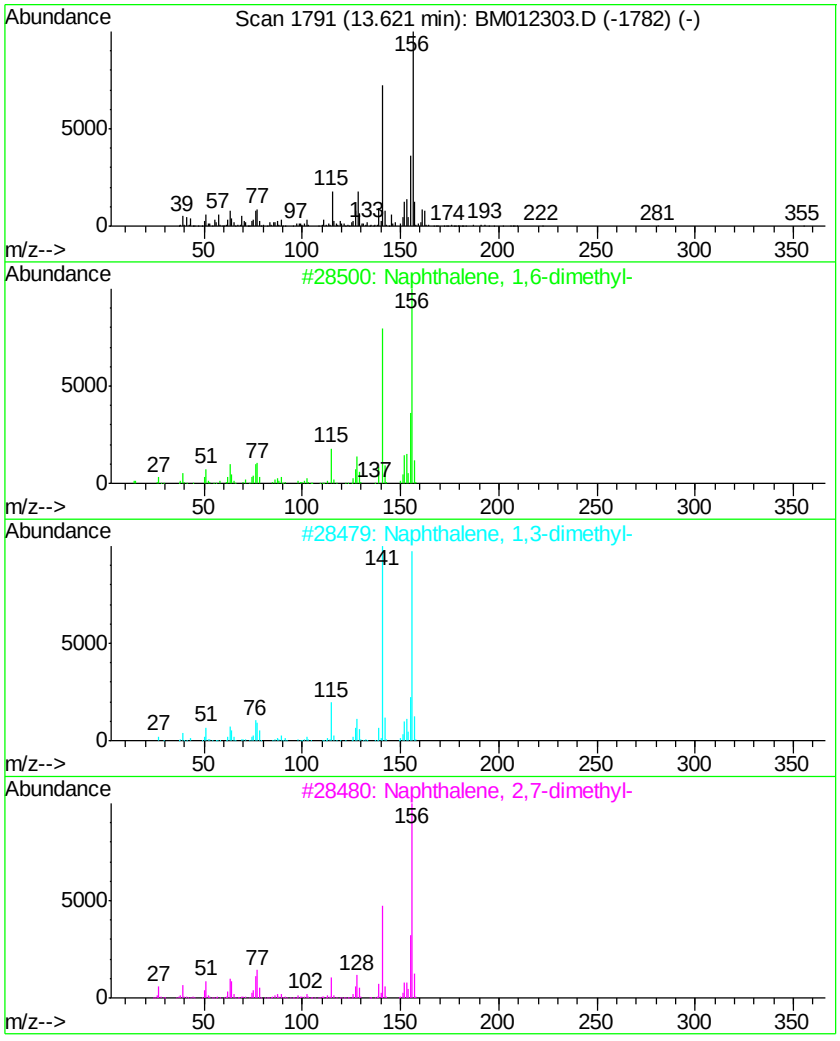
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

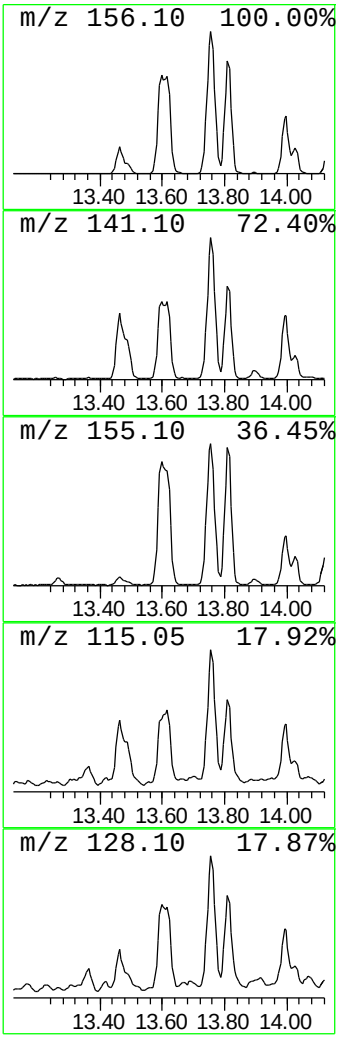
****

Peak Number 41 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	24.06 ng/ul	5609400	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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	95





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Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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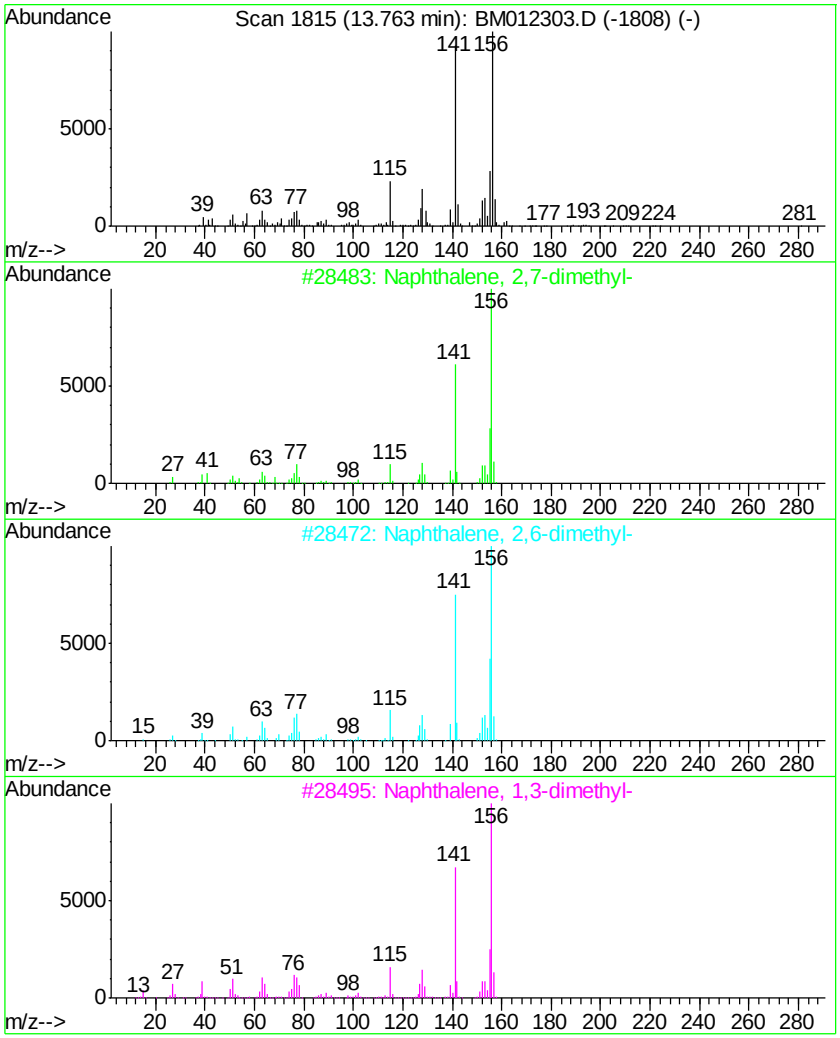
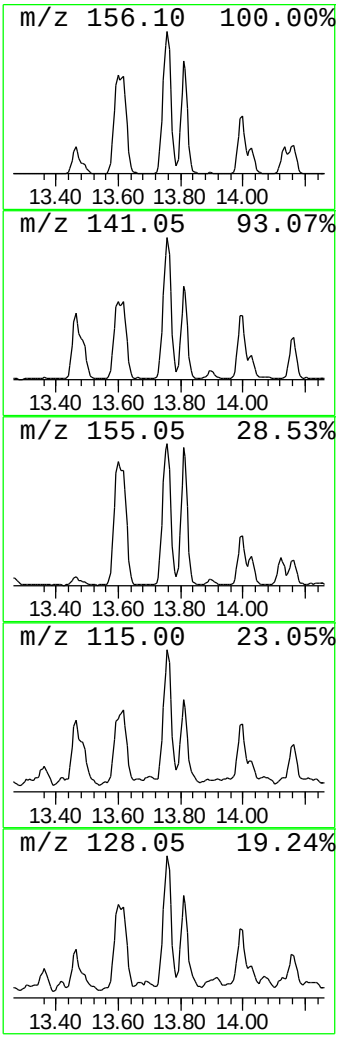
Peak Number 42 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	24.53 ng/ul	5717290	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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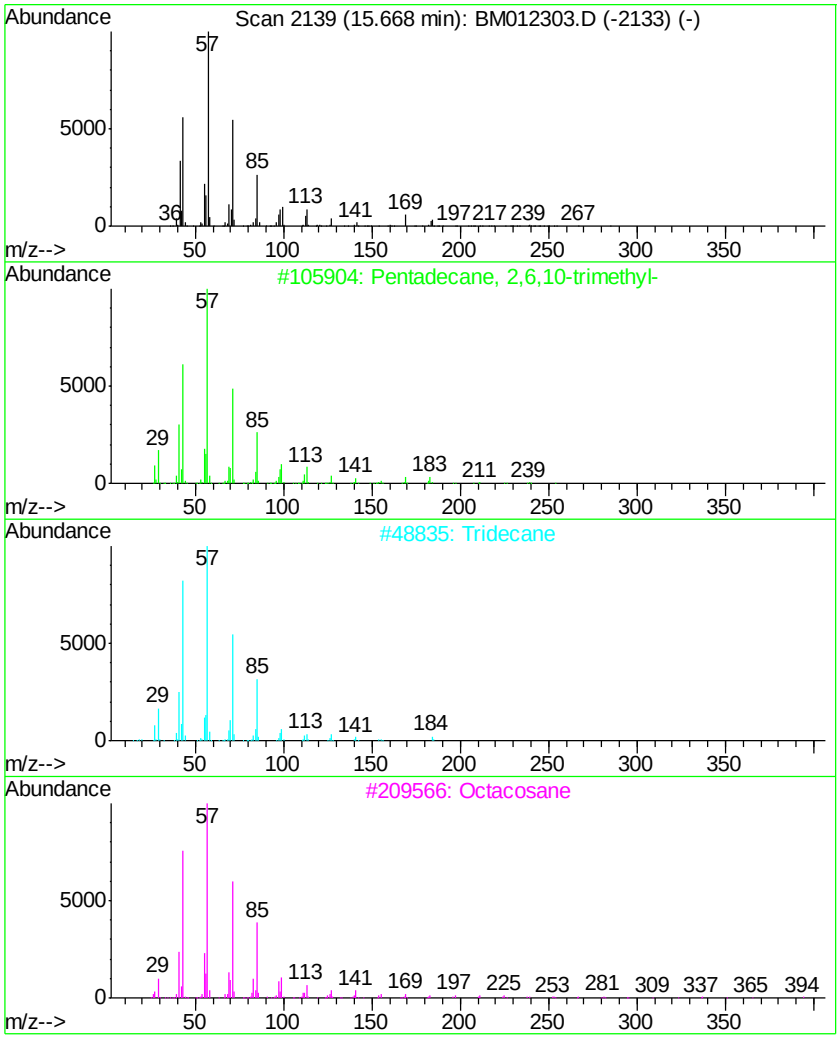
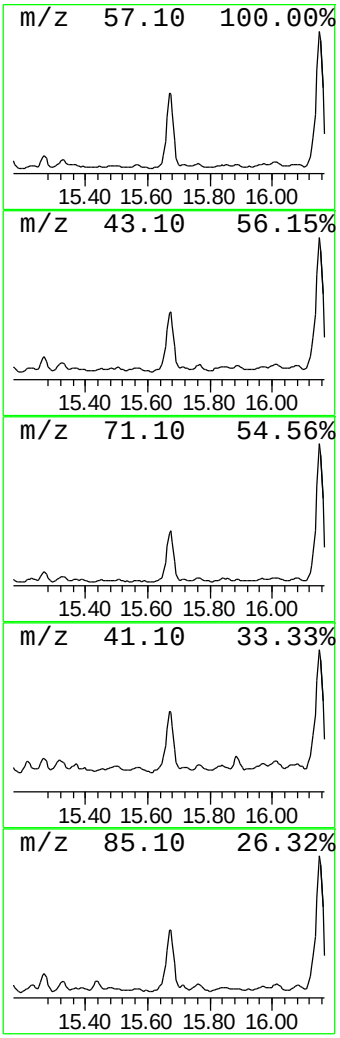
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	27.02 ng/ul	6298210	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane	184	C13H28	000629-50-5	87
3	Octacosane	394	C28H58	000630-02-4	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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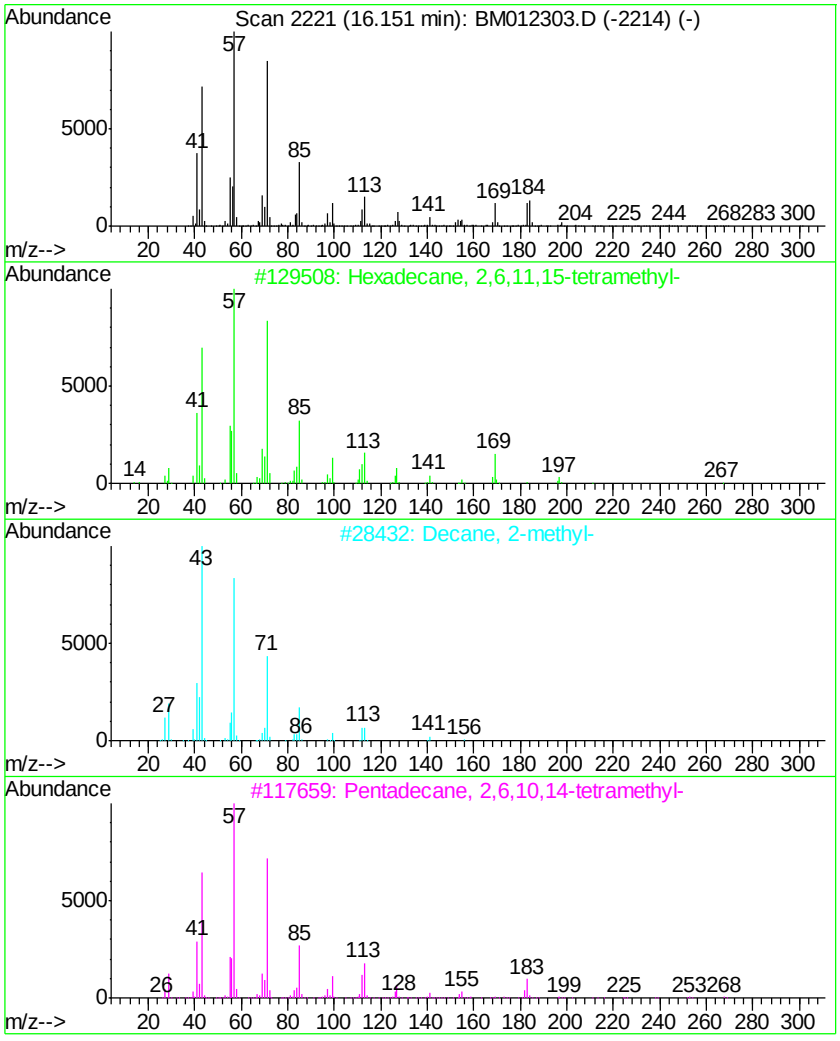
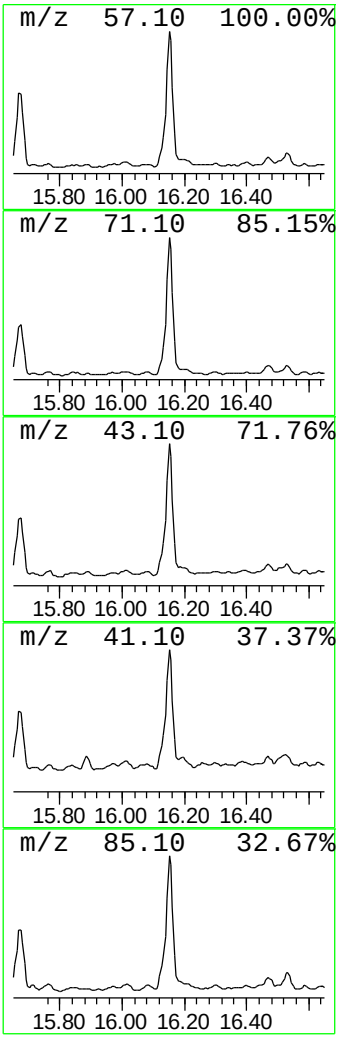
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	51.60 ng/ul	11476100	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	81
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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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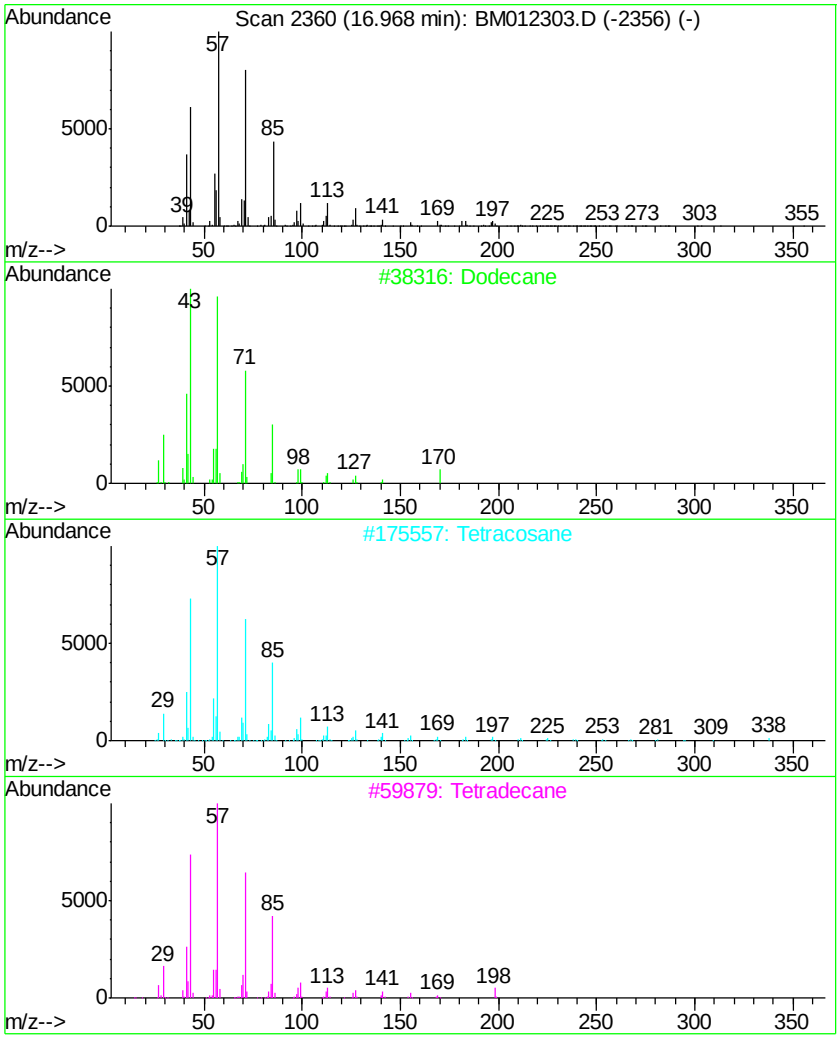
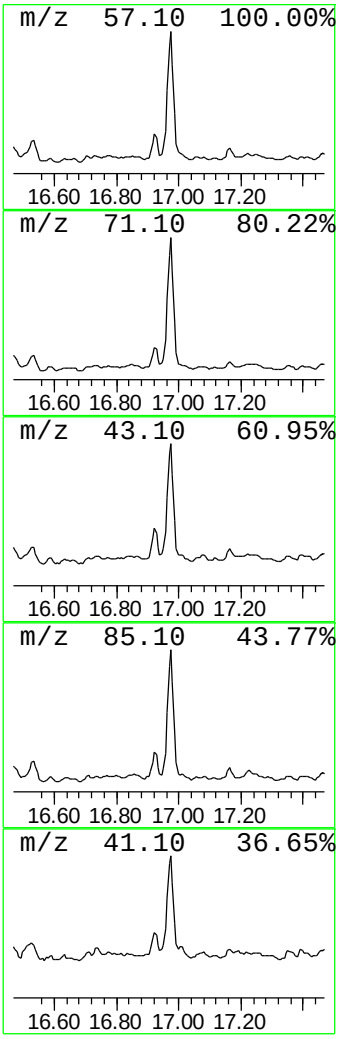
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	21.33 ng/ul	4742820	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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
Benzene, 1,3-dime...	5.77	3.8	ng/ul	1626230	1	7.78	8559740	20.0
(DEL) Alkane: Str...	6.03	6.3	ng/ul	2700770	1	7.78	8559740	20.0
(DEL) Alkane: Str...	6.31	4.5	ng/ul	1937220	1	7.78	8559740	20.0
Cyclohexanone, 2,...	6.40	6.9	ng/ul	2946620	1	7.78	8559740	20.0
(DEL) Alkane: Str...	6.65	5.8	ng/ul	2493160	1	7.78	8559740	20.0
(DEL) Alkane: Cyc...	6.85	4.2	ng/ul	1807050	1	7.78	8559740	20.0
(DEL) Alkane: Cyc...	6.91	13.3	ng/ul	5707990	1	7.78	8559740	20.0
(DEL) Alkane: Cyc...	7.25	5.6	ng/ul	2410720	1	7.78	8559740	20.0
Benzene, 1,2,3-tr...	7.42	9.6	ng/ul	4088780	1	7.78	8559740	20.0
Cyclohexanepropan...	7.48	4.7	ng/ul	2001620	1	7.78	8559740	20.0
(DEL) Alkane: Str...	7.67	12.5	ng/ul	5352870	1	7.78	8559740	20.0
Mesitylene	7.89	12.1	ng/ul	5176340	1	7.78	8559740	20.0
1-Pentanol, 4-met...	7.95	7.0	ng/ul	2974990	1	7.78	8559740	20.0
(DEL) Alkane: Str...	7.99	17.8	ng/ul	7603470	1	7.78	8559740	20.0
Dicyclopentadiene	8.05	29.2	ng/ul	12516000	1	7.78	8559740	20.0
Benzene, 1,2-diet...	8.26	7.0	ng/ul	2997580	1	7.78	8559740	20.0
(DEL) Alkane: Str...	8.30	34.4	ng/ul	14736500	1	7.78	8559740	20.0
(DEL) Alkane: Str...	8.43	28.0	ng/ul	11989300	1	7.78	8559740	20.0
Benzene, 4-ethyl-...	8.73	4.4	ng/ul	1896440	1	7.78	8559740	20.0
Benzene, 1-methyl...	8.78	4.7	ng/ul	1999500	1	7.78	8559740	20.0
Sulfurous acid, c...	9.07	6.1	ng/ul	2627330	1	7.78	8559740	20.0
(DEL) Alkane: Str...	9.33	14.4	ng/ul	2462340	2	10.59	3421460	20.0
Benzene, 1,2,4,5-...	9.40	20.5	ng/ul	3509450	2	10.59	3421460	20.0
Naphthalene, deca...	9.75	15.3	ng/ul	2620160	2	10.59	3421460	20.0
o-Cymene	9.98	30.7	ng/ul	5255980	2	10.59	3421460	20.0
Benzene, 1,3-diet...	10.15	12.2	ng/ul	2086860	2	10.59	3421460	20.0
Benzene, 1-methyl...	10.27	10.5	ng/ul	1793090	2	10.59	3421460	20.0
(DEL) Alkane: Str...	10.53	15.6	ng/ul	2673480	2	10.59	3421460	20.0
Sulfurous acid, 2...	11.58	10.8	ng/ul	1851950	2	10.59	3421460	20.0
Naphthalene, 1-me...	12.47	14.1	ng/ul	2414860	2	10.59	3421460	20.0
(DEL) Alkane: Str...	12.95	12.1	ng/ul	2828700	3	14.44	4661990	20.0
Naphthalene, 1-pr...	13.48	11.7	ng/ul	2728680	3	14.44	4661990	20.0
Naphthalene, 1,6-...	13.62	24.1	ng/ul	5609400	3	14.44	4661990	20.0
Naphthalene, 2,7-...	13.76	24.5	ng/ul	5717290	3	14.44	4661990	20.0
(DEL) Alkane: Str...	15.67	27.0	ng/ul	6298210	3	14.44	4661990	20.0
(DEL) Alkane: Str...	16.15	51.6	ng/ul	11476100	4	17.19	4447770	20.0
(DEL) Alkane: Str...	16.97	21.3	ng/ul	4742820	4	17.19	4447770	20.0