LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-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	3.946	140	146	160	rVB	752081	1081652	11.28%	1.027%
2	4.281	199	203	209	rVB	91106	127528	1.33%	0.121%
3	5.275	368	372	379	rBV	74102	114584	1.20%	0.109%
4	5.404	388	394	413	rVB	437666	1000728	10.44%	0.950%
5	5.775	450	457	466	rBV2	357753	626423	6.53%	0.595%
6	6.022	492	499	514	rBV9	43104	143241	1.49%	0.136%
7	6.263	530	540	544	rBV8	34740	108907	1.14%	0.103%
8	6.422	558	567	578	rVB5	76727	262392	2.74%	0.249%
9	6.751	618	623	628	rBV2	81598	118502	1.24%	0.113%
10	6.857	636	641	645	rBV	137021	232975	2.43%	0.221%
11	6.910	645	650	654	rVV4	140065	321552	3.35%	0.305%
12	6.963	654	659	674	rVB2	480593	1193718	12.45%	1.134%
13	7.116	679	685	697	rVV	414968	779544	8.13%	0.740%
14	7.316	713	719	725	rVV	641285	1104006	11.52%	1.049%
15	7.381	725	730	733	rVV	403517	611695	6.38%	0.581%
16	7.416	733	736	743	rVB	237337	387506	4.04%	0.368%
17	7.681	770	781	785	rBV7	64036	169912	1.77%	0.161%
18	7.734	785	790	793	rVV	86386	126442	1.32%	0.120%
19	7.781	793	798	811	rVB	1113467	1953646	20.38%	1.855%
20	7.904	811	819	824	rBV3	152439	383935	4.00%	0.365%
21	8.040	837	842	851	rVB2	92015	188009	1.96%	0.179%
22	8.322	886	890	900	rVB3	138087	289087	3.02%	0.275%
23	8.416	900	906	912	rBV3	145702	285085	2.97%	0.271%
24	8.510	916	922	930	rBV	592414	1165785	12.16%	1.107%
25	8.622	934	941	950	rVB5	102957	274166	2.86%	0.260%
26	8.869	972	983	990	rBV5	109193	292172	3.05%	0.277%
27	8.957	990	998	1001	rBV	551535	1082647	11.29%	1.028%
28	9.116	1021	1025	1034	rVB7	65583	160710	1.68%	0.153%
29	9.222	1034	1043	1051	rBV7	44101	133230	1.39%	0.127%
30	9.675	1105	1120	1128	rBV2	451411	1011629	10.55%	0.961%
31	9.739	1128	1131	1140	rVB7	46651	106392	1.11%	0.101%
32	10.228	1207	1214	1223	rBV	544057	1184458	12.36%	1.125%
33	10.533	1261	1266	1269	rBV2	149503	240359	2.51%	0.228%
34	10.581	1269	1274	1280	rVV	1412460	2477787	25.85%	2.353%

LSC Area Percent Report

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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

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

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

35	10.633	1280	1283	1290	rVB	333766	499805	5.21%	0.475%
36	10.745	1293	1302	1312	rVB2	238866	624524	6.51%	0.593%
37	11.986	1508	1513	1520	rVV2	96939	165151	1.72%	0.157%
38	12.257	1553	1559	1565	rBV	191596	316556	3.30%	0.301%
39	12.475	1592	1596	1603	rVB	67744	111137	1.16%	0.106%
40	13.180	1710	1716	1720	rBV7	63758	123865	1.29%	0.118%
41	13.233	1721	1725	1728	rVV	95808	143146	1.49%	0.136%
42	13.280	1728	1733	1744	rVB3	228195	490719	5.12%	0.466%
43	13.745	1808	1812	1819	rBV5	95286	193314	2.02%	0.184%
44	13.845	1824	1829	1833	rVV	1224879	1713615	17.88%	1.627%
45	13.892	1833	1837	1843	rVB	587502	804978	8.40%	0.765%
46	14.133	1872	1878	1894	rBV	1360327	2359482	24.61%	2.241%
47	14.251	1894	1898	1903	rVB4	63246	107745	1.12%	0.102%
48	14.310	1903	1908	1916	rBV2	190170	291312	3.04%	0.277%
49	14.380	1917	1920	1924	rVV4	82401	135963	1.42%	0.129%
50	14.439	1924	1930	1936	rVV2	1786449	2838792	29.61%	2.696%
51	14.504	1937	1941	1949	rVB4	70034	138435	1.44%	0.131%
52	14.716	1973	1977	1980	rBV2	122762	213989	2.23%	0.203%
53	14.839	1996	1998	2007	rVB4	66688	112811	1.18%	0.107%
54	15.216	2058	2062	2066	rBV6	52663	98618	1.03%	0.094%
55	15.263	2066	2070	2075	rVB	126069	182332	1.90%	0.173%
56	15.433	2093	2099	2105	rBV	1557921	2320209	24.20%	2.204%
57	15.586	2122	2125	2129	rBV3	65880	100343	1.05%	0.095%
58	15.668	2136	2139	2146	rVB	88297	131174	1.37%	0.125%
59	15.798	2158	2161	2167	rVB	140694	195904	2.04%	0.186%
60	15.963	2186	2189	2193	rVB3	135257	162824	1.70%	0.155%
61	16.127	2213	2217	2219	rBV	222147	320806	3.35%	0.305%
62	16.968	2357	2360	2364	rVB	124302	150579	1.57%	0.143%
63	17.186	2392	2397	2401	rBV	2024971	2870871	29.95%	2.727%
64	17.227	2401	2404	2409	rVB	726868	1029084	10.73%	0.977%
65	17.286	2409	2414	2418	rBV2	1488444	2100788	21.91%	1.995%
66	17.551	2456	2459	2461	rBV2	112502	152500	1.59%	0.145%
67	17.657	2474	2477	2482	rBV3	169014	276809	2.89%	0.263%
68	18.080	2543	2549	2557	rBV2	5727630	9586487	100.00%	9.105%
69	18.139	2557	2559	2565	rVB	679026	845911	8.82%	0.803%
70	18.251	2575	2578	2583	rBV2	364446	633820	6.61%	0.602%
71	18.368	2592	2598	2600	rBV2	280206	570446	5.95%	0.542%

LSC Area Percent Report

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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

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Peak separation: 5

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

72	18.398	2601	2603	2610	rVB3	304726	436791	4.56%	0.415%
73	18.509	2619	2622	2627	rVB2	485753	655490	6.84%	0.623%
74	18.792	2667	2670	2675	rVB2	643148	827296	8.63%	0.786%
75	18.909	2687	2690	2697	rVB5	323794	518888	5.41%	0.493%
76	18.986	2699	2703	2707	rBV	678318	967914	10.10%	0.919%
77	19.251	2741	2748	2752	rBV	2497817	4670565	48.72%	4.436%
78	19.292	2752	2755	2759	rVB	858107	1087168	11.34%	1.033%
79	19.351	2761	2765	2773	rBV	3191077	4365311	45.54%	4.146%
80	19.586	2800	2805	2807	rBV	2130200	3117818	32.52%	2.961%
81	19.615	2807	2810	2817	rVB	3724794	4891744	51.03%	4.646%
82	20.239	2913	2916	2918	rBV	669780	695054	7.25%	0.660%
83	20.545	2965	2968	2974	rBV	742993	997057	10.40%	0.947%
84	21.050	3051	3054	3059	rVB	2269082	2922979	30.49%	2.776%
85	21.374	3103	3109	3113	rBV2	3619816	7745083	80.79%	7.356%
86	21.409	3113	3115	3125	rVB	2631773	3432366	35.80%	3.260%
87	22.986	3378	3383	3388	rBV	2815069	6224543	64.93%	5.912%
88	23.480	3463	3467	3472	rBV	2047336	3248048	33.88%	3.085%
89	23.580	3480	3484	3493	rVB	3186088	5633261	58.76%	5.350%

Sum of corrected areas: 105292624

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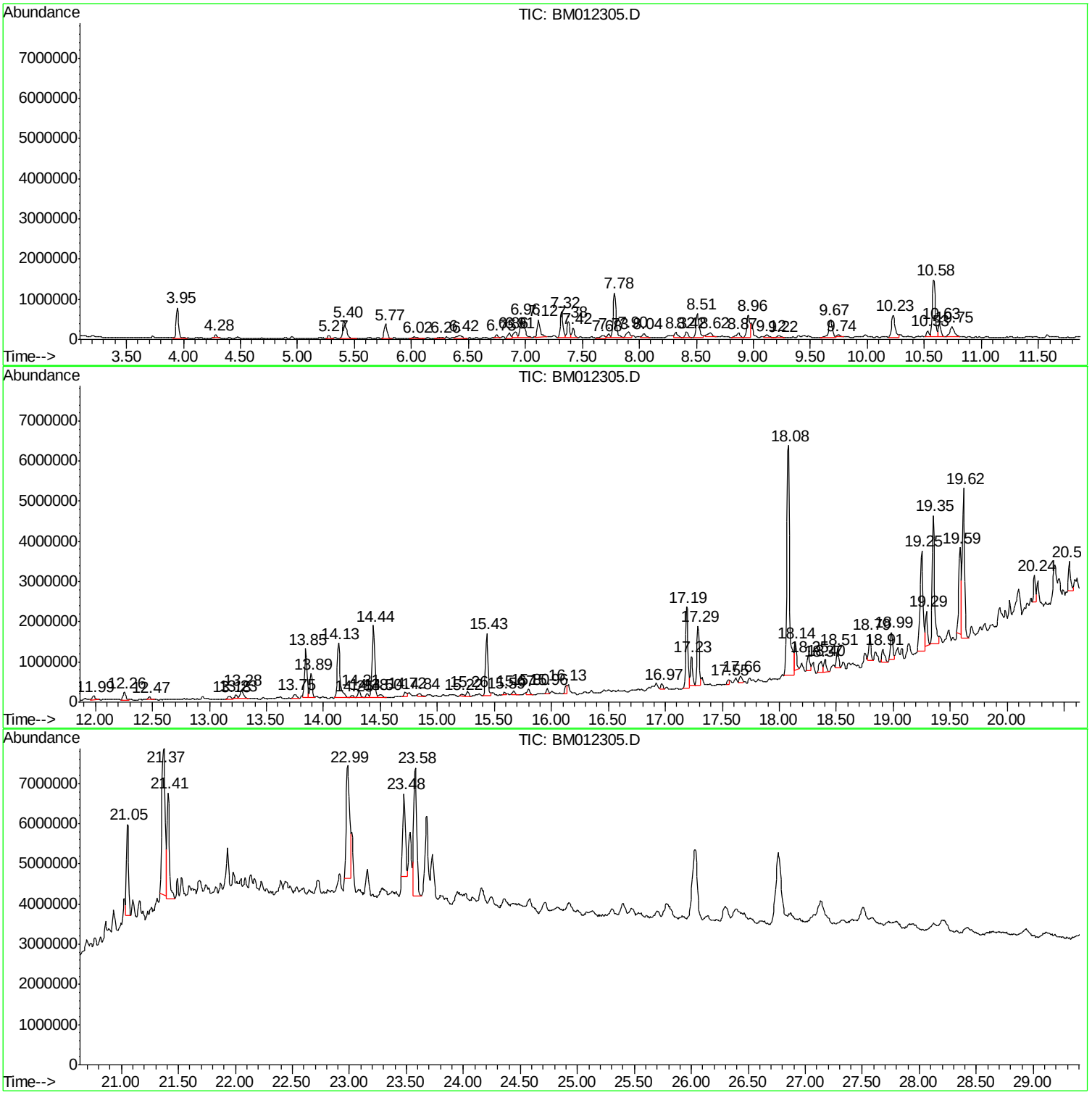
Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-32(2-4)-100417

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 : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

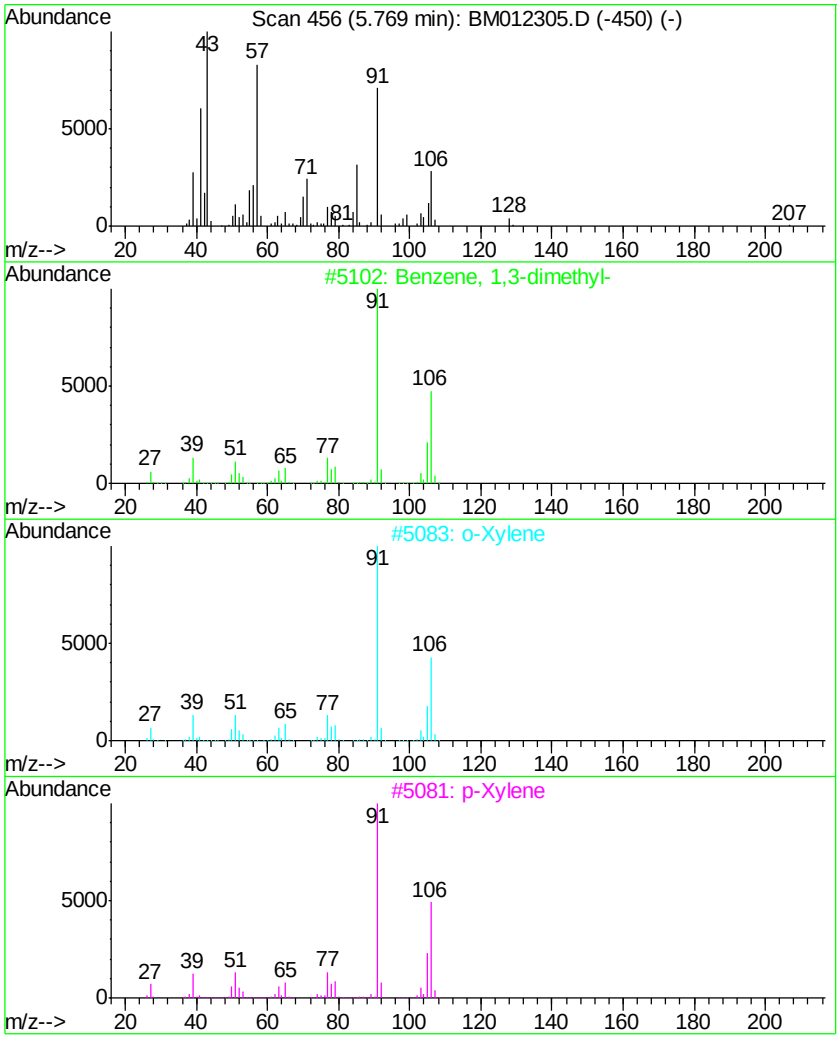
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

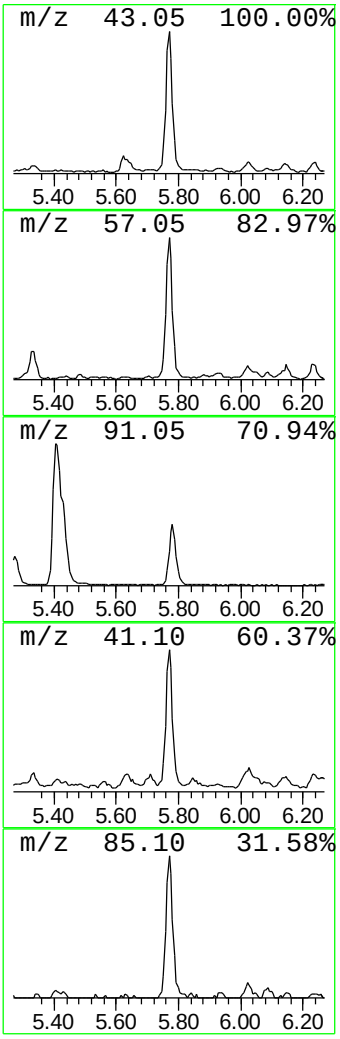
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	6.41 ng/ul	626423	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	94
2	o-Xylene	106	C8H10	000095-47-6	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

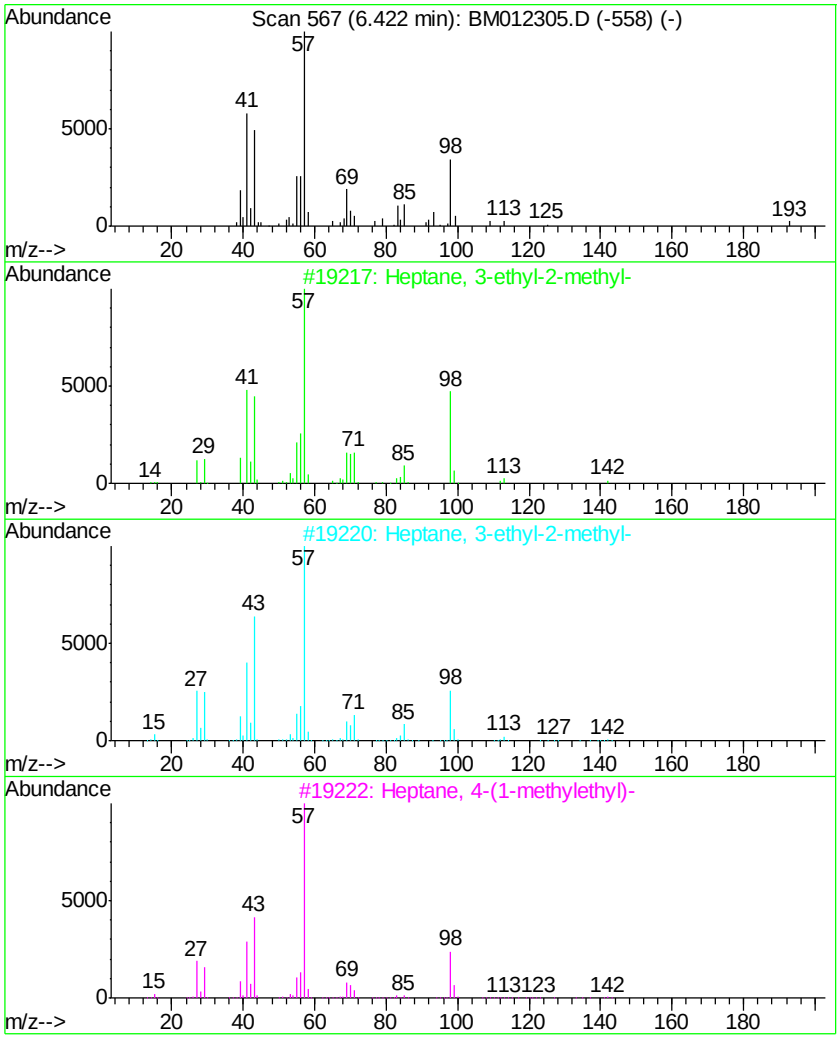
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

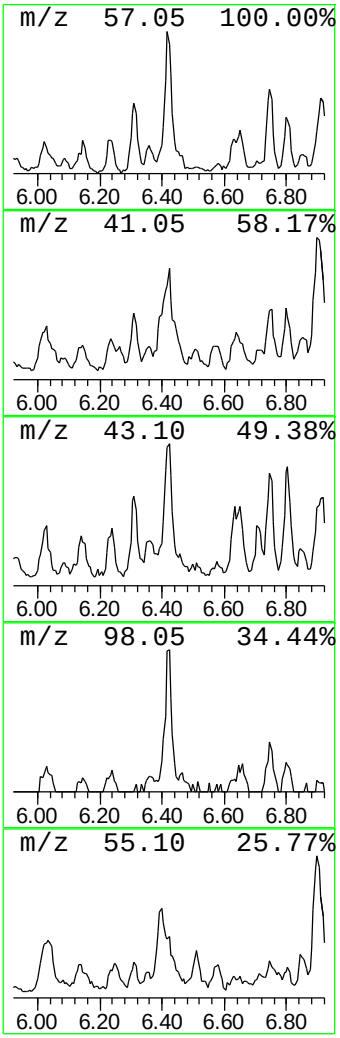
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.69 ng/ul	262392	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	56
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
4	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50
5	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	42





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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

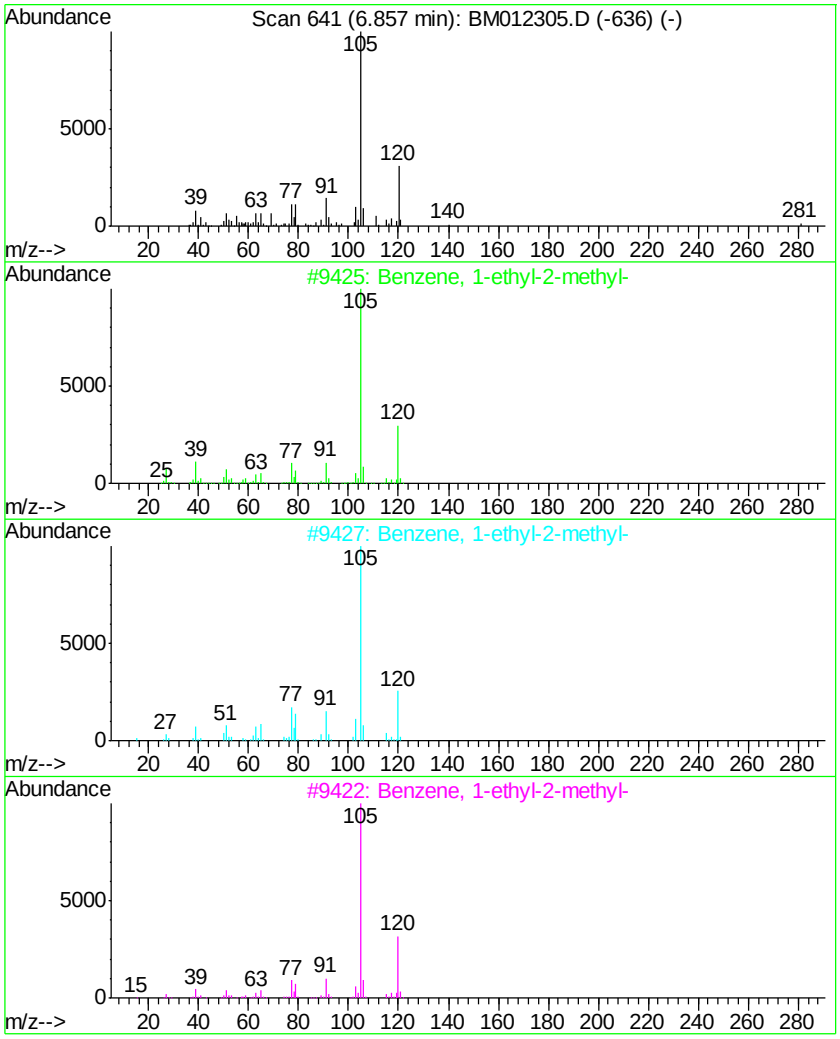
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

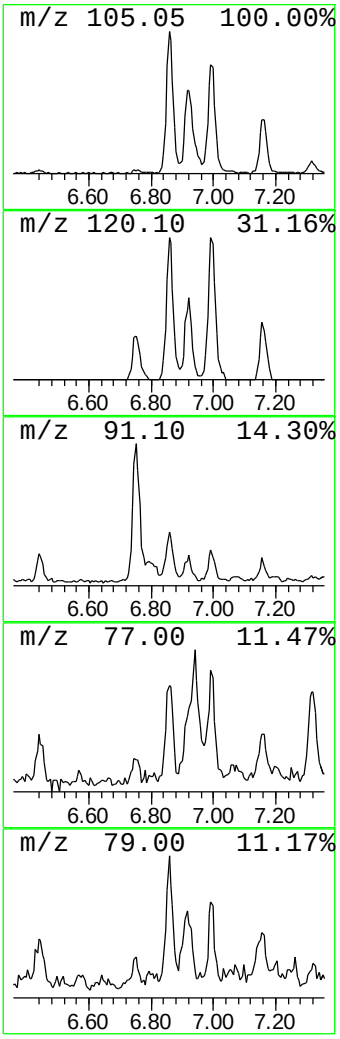
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.39 ng/ul	232975	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

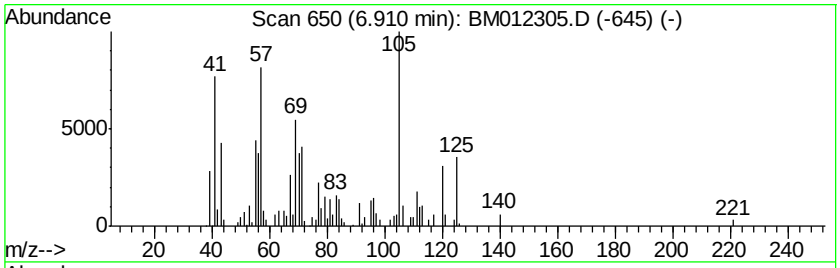
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

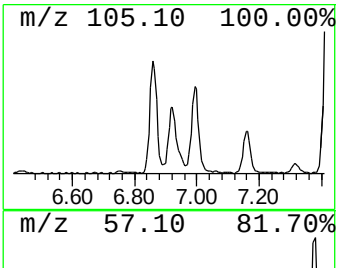
****

Peak Number 6 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.29 ng/ul	321552	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 3-mercapto-, iso...	218	C11H22O2S	077916-53-1	27
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	22
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	22
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	18
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-32(2-4)-100417

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

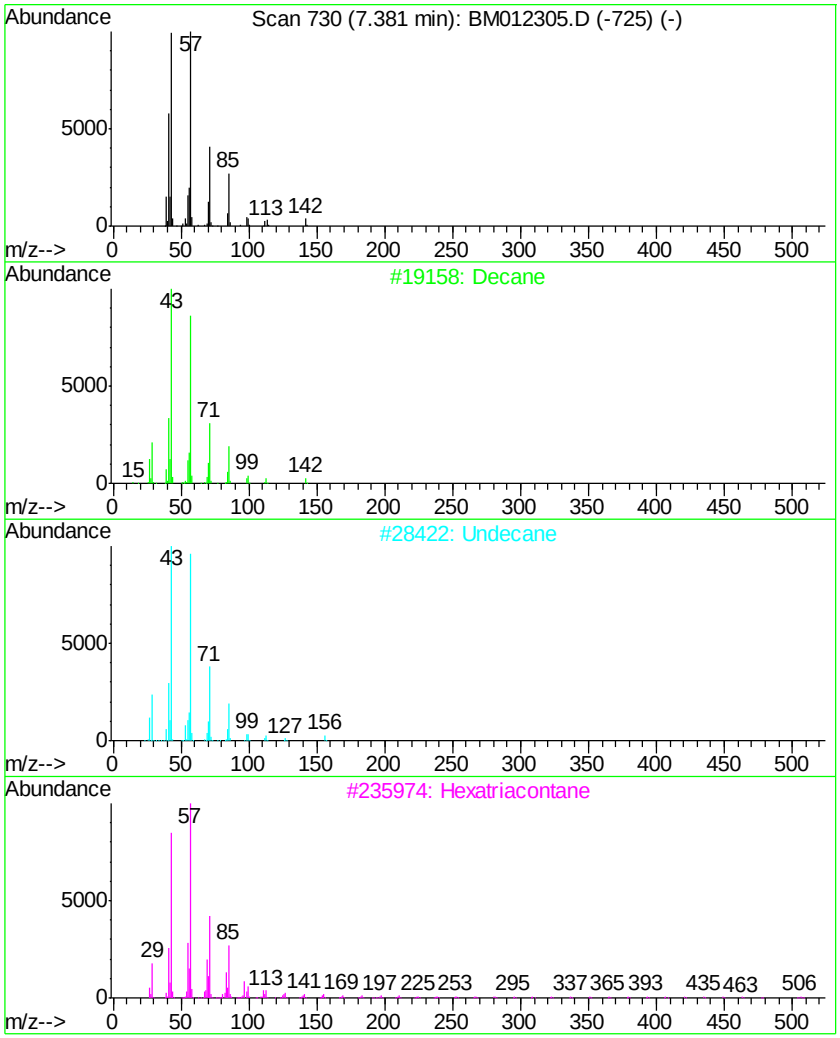
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

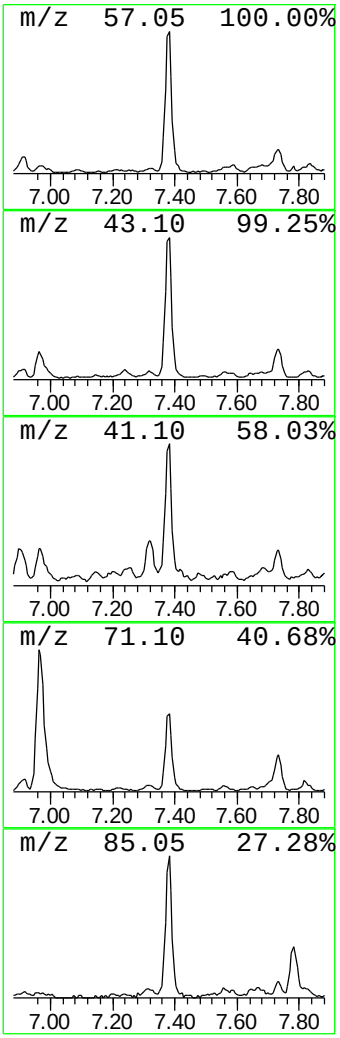
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	6.26 ng/ul	611695	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	90
3	Hexatriacontane	507	C36H74	000630-06-8	78
4	Dotriacontane	451	C32H66	000544-85-4	78
5	Decane	142	C10H22	000124-18-5	78





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Data File : BM012305.D
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Operator : SJ/JU
Sample : I5693-04 2X
Misc :
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Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

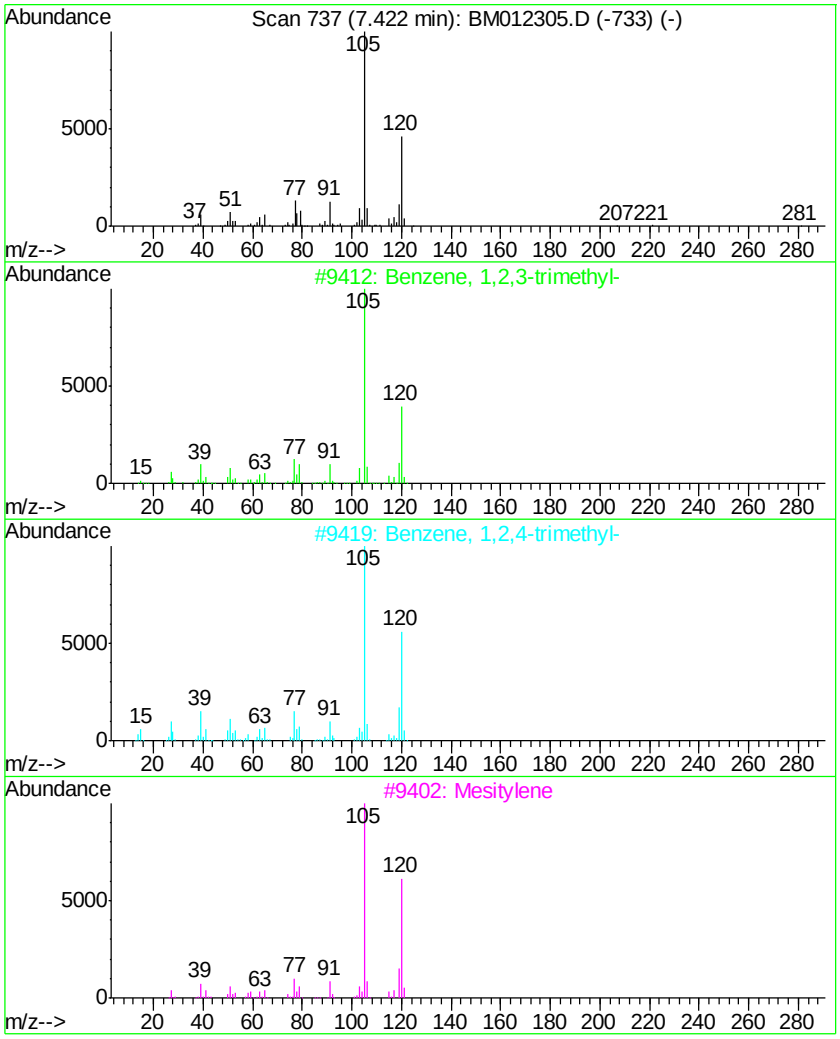
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

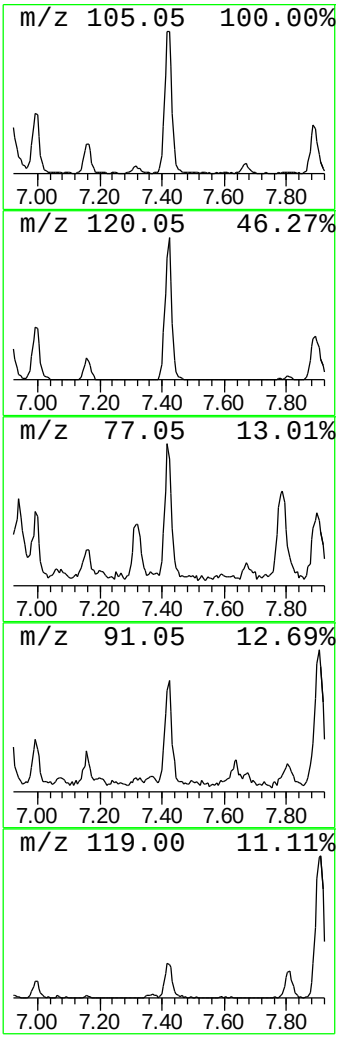
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.97 ng/ul	387506	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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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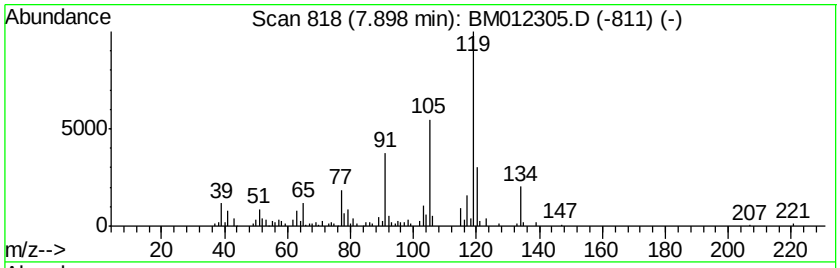
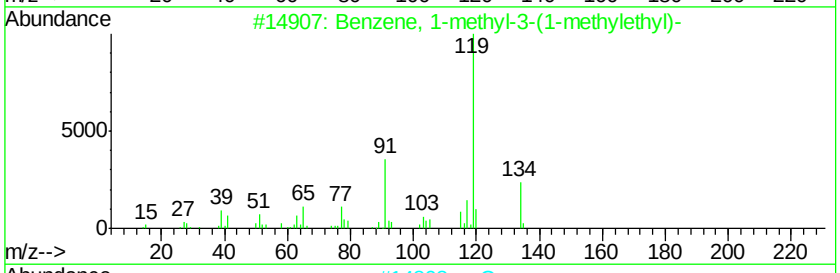
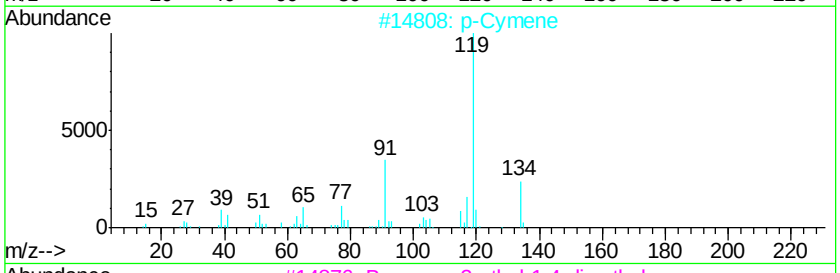
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

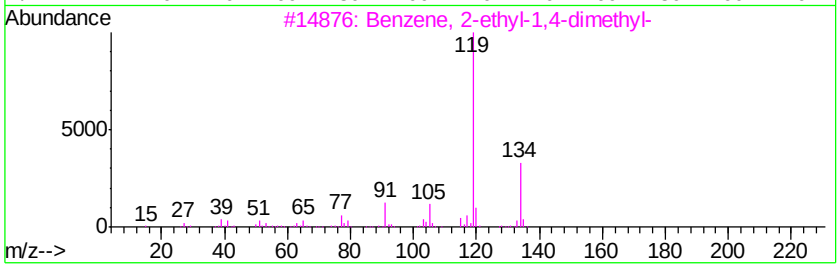
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.93 ng/ul	383935	1,4-Dichlorobenzene-d4	7.78

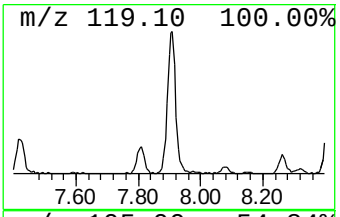
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70

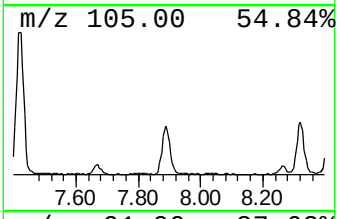


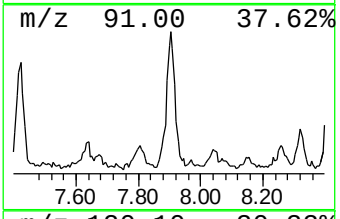


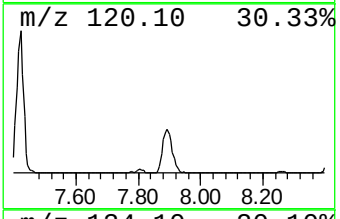


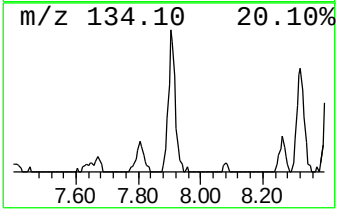












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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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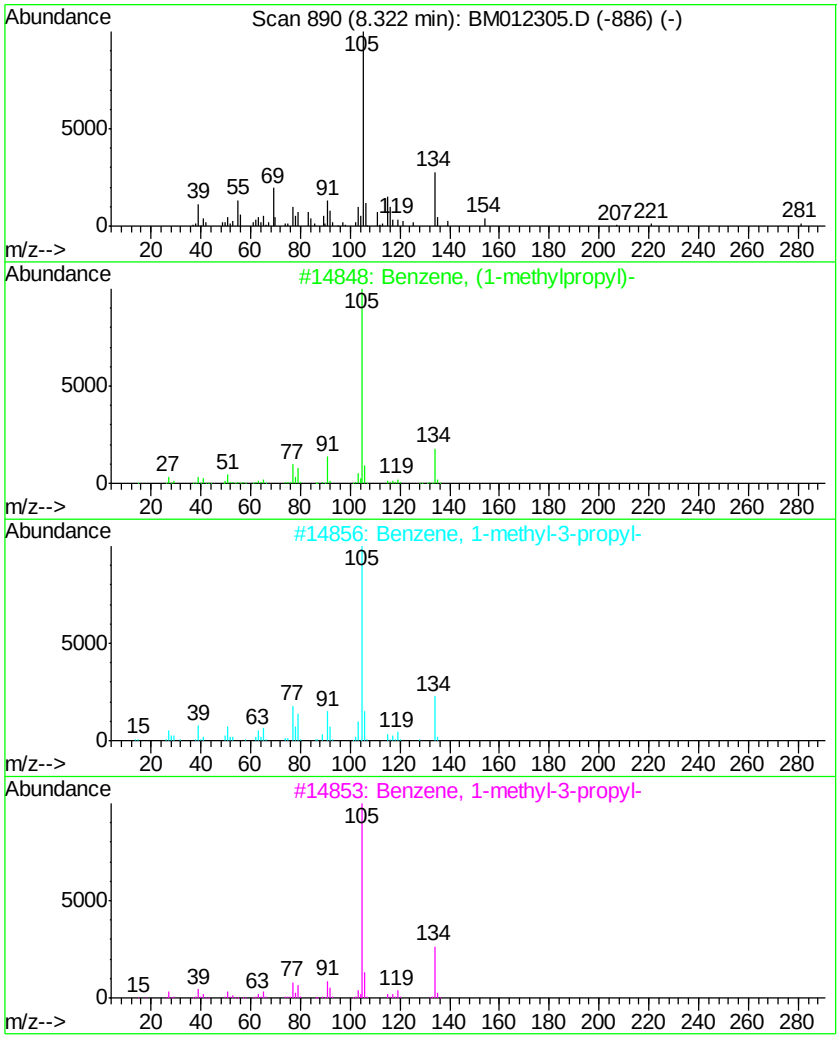
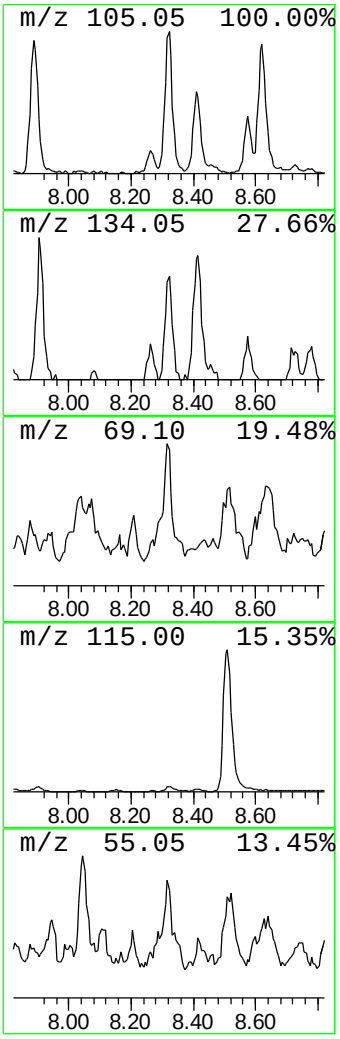
Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.96 ng/ul	289087	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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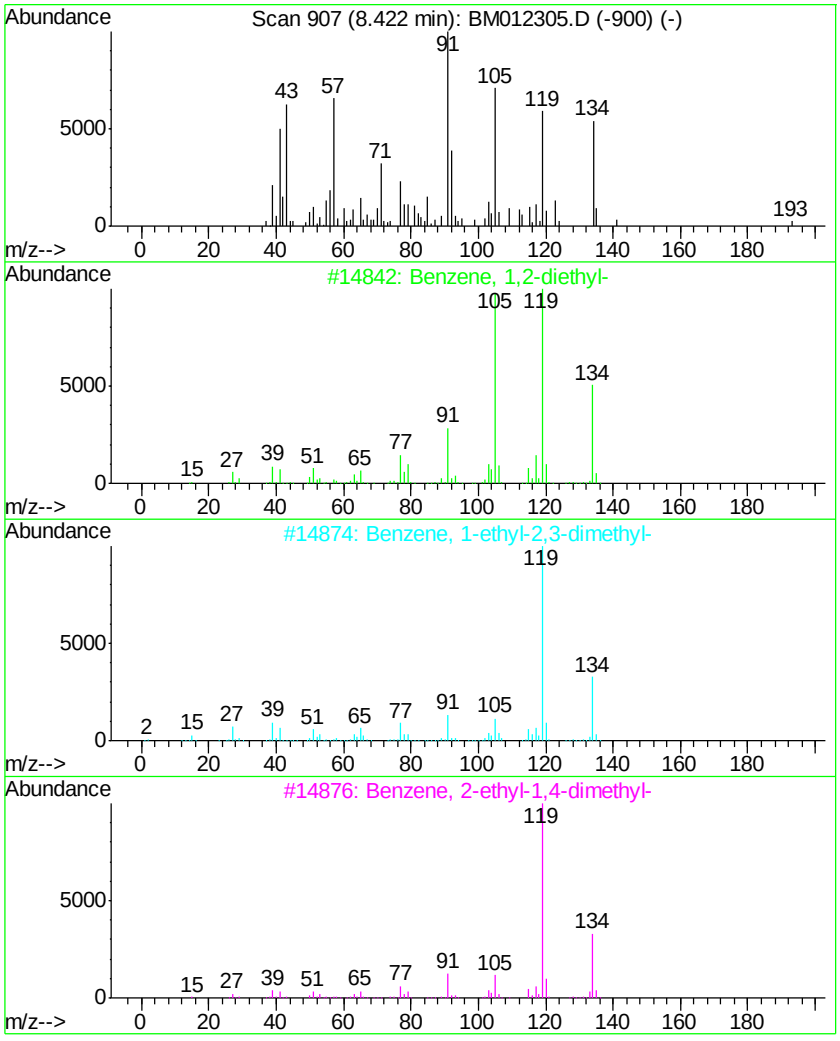
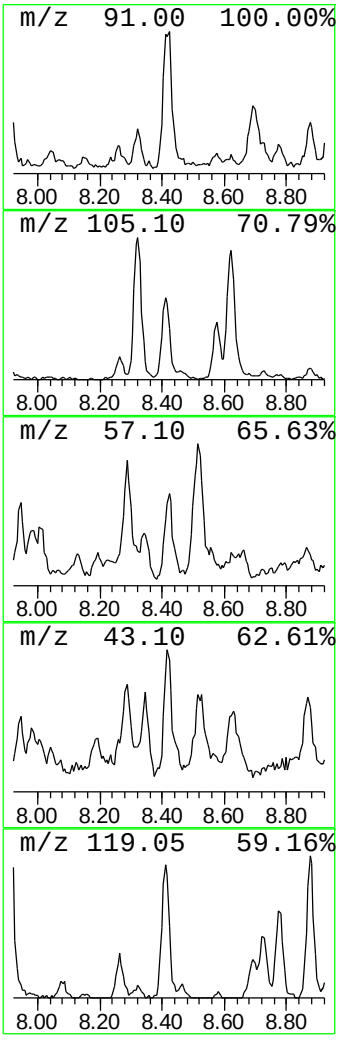
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.92 ng/ul	285085	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	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





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Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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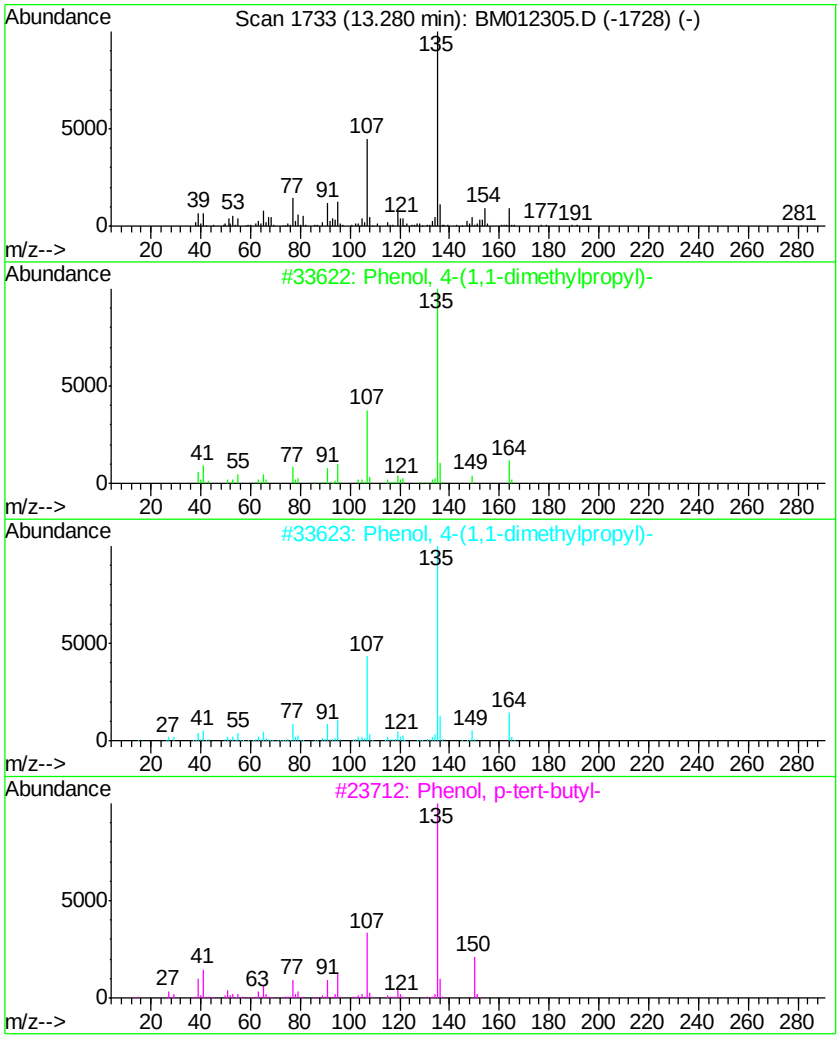
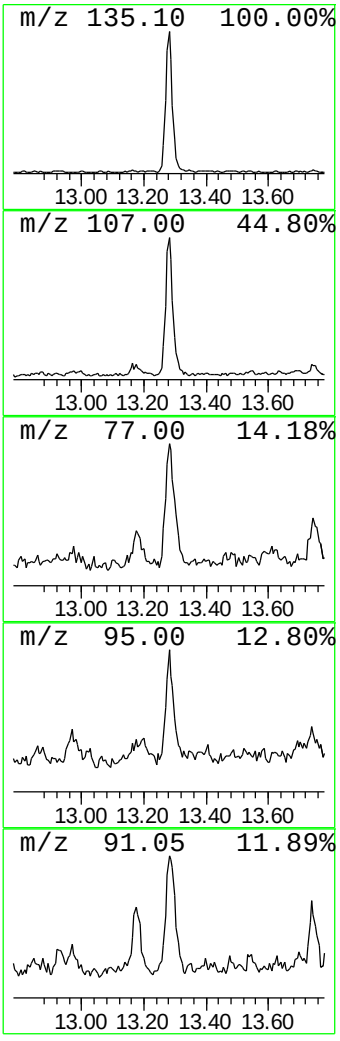
Peak Number 13 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.46 ng/ul	490719	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
4	Hexestrol	270	C18H22O2	005635-50-7	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59





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Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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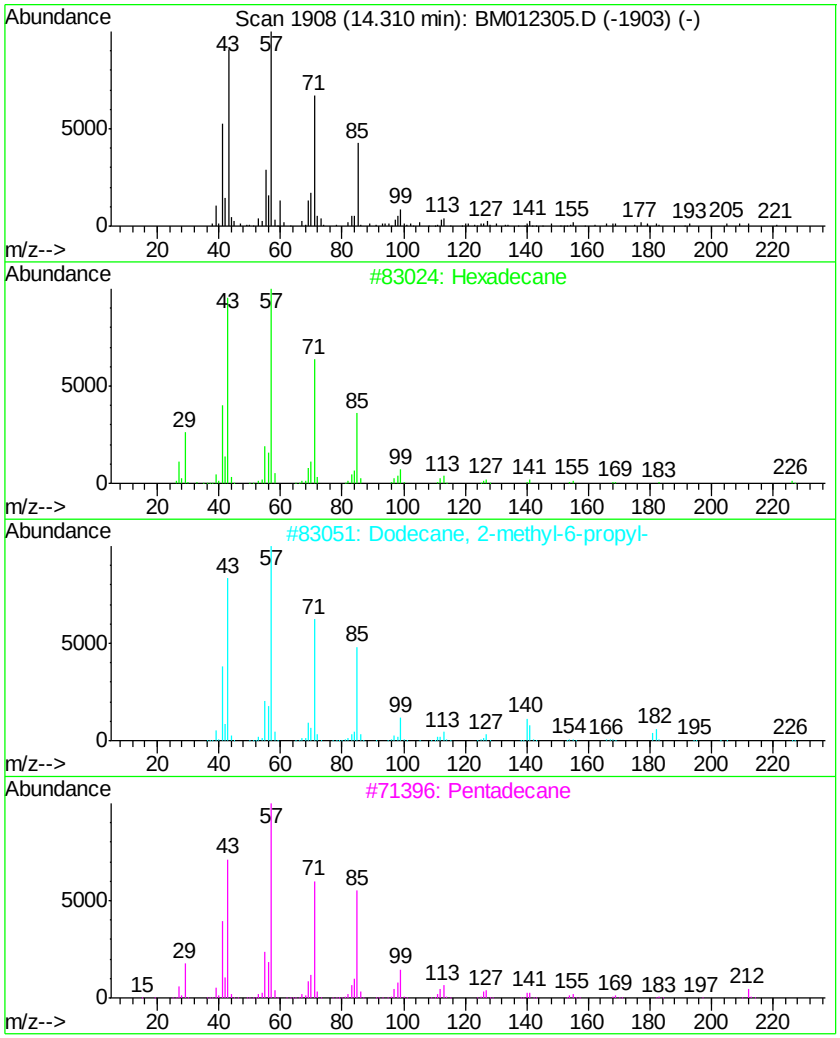
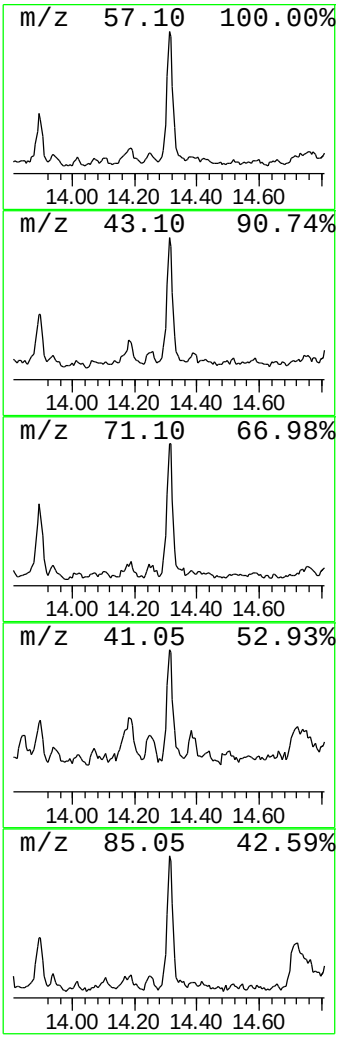
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.05 ng/ul	291312	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Pentadecane	212	C15H32	000629-62-9	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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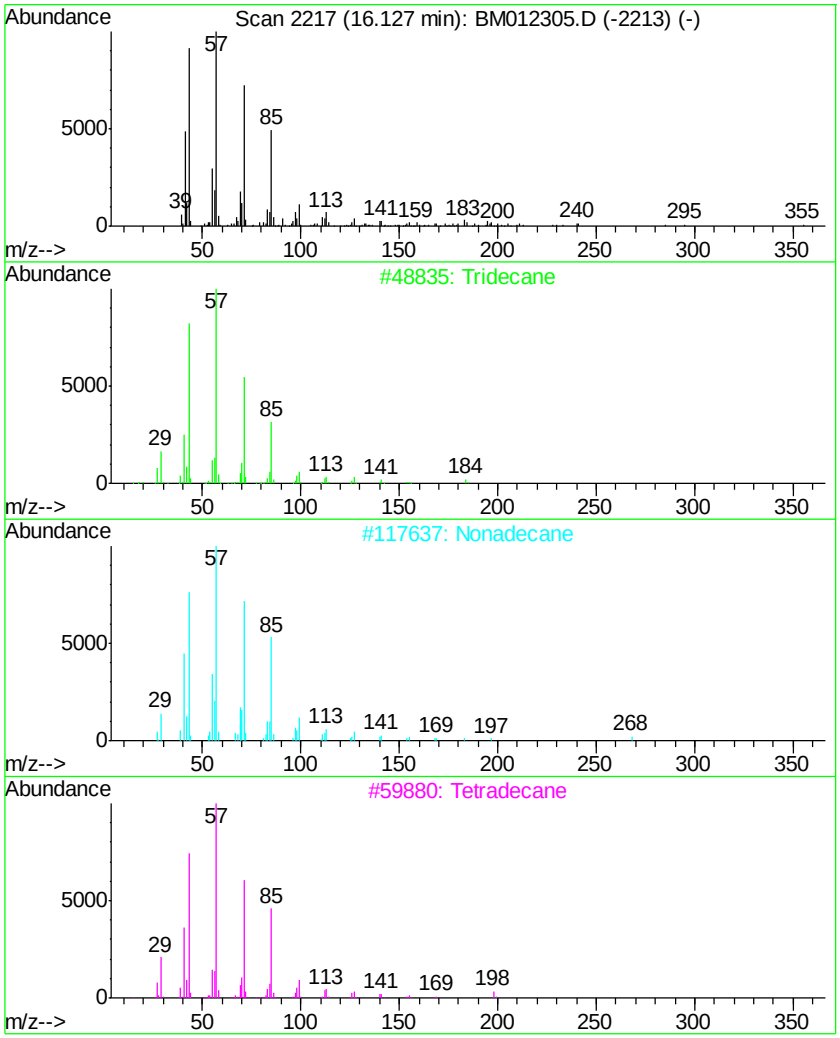
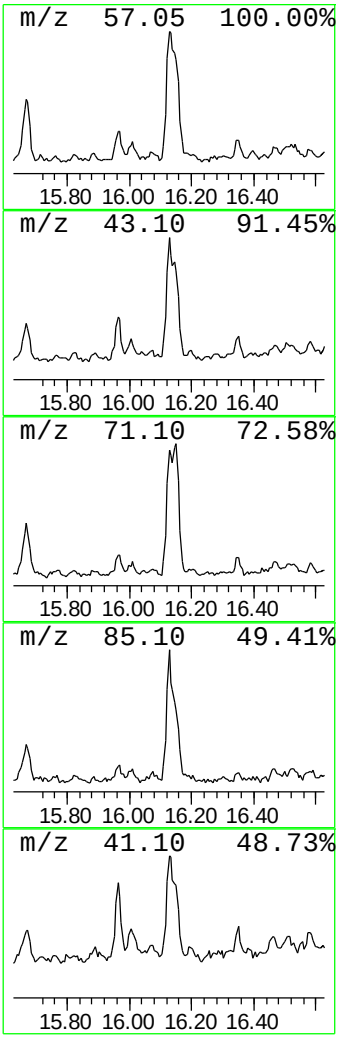
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.23 ng/ul	320806	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87





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Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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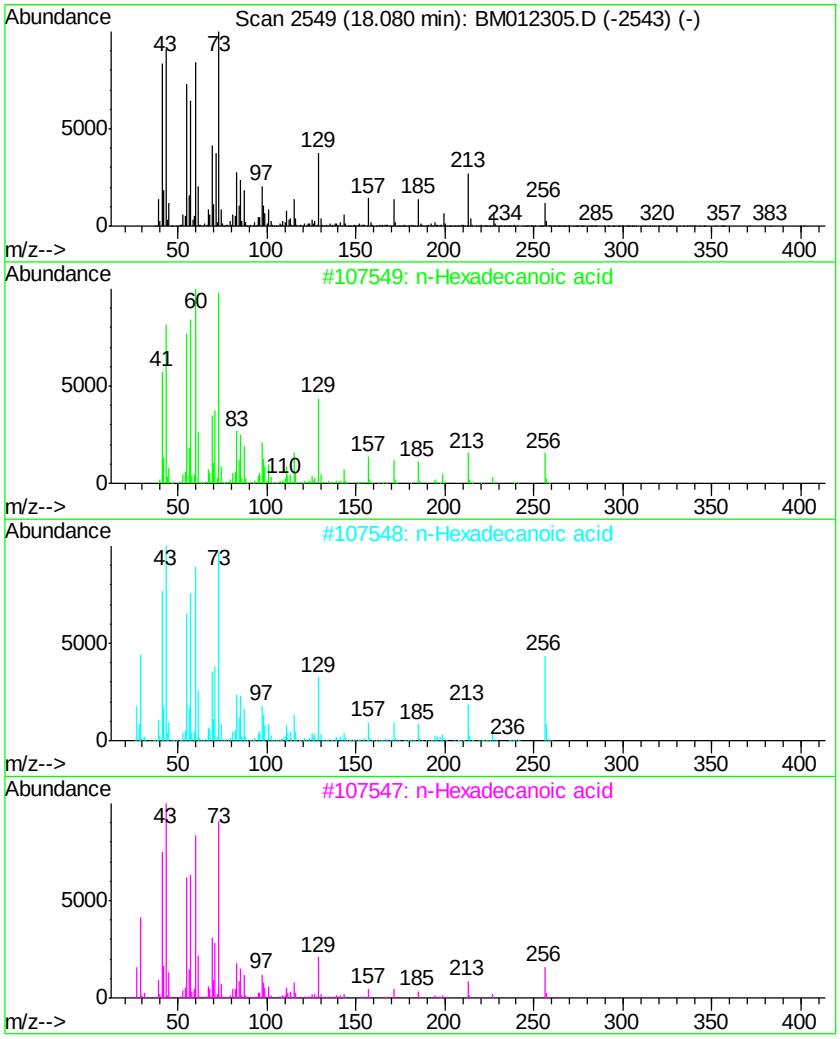
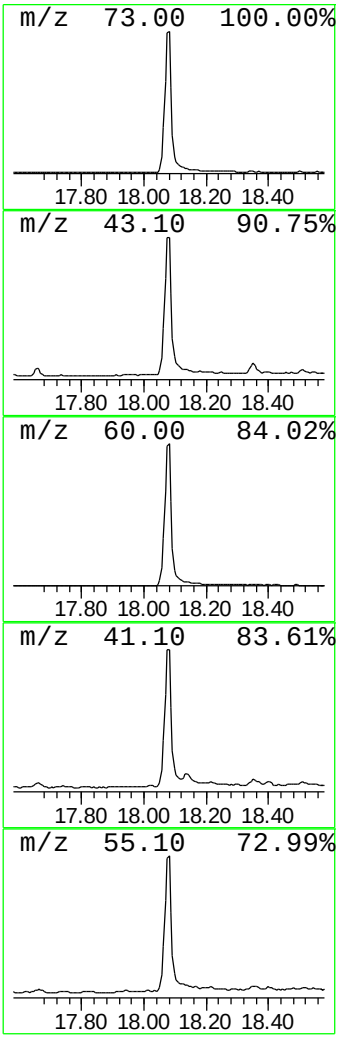
Peak Number 16 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	66.78 ng/ul	9586490	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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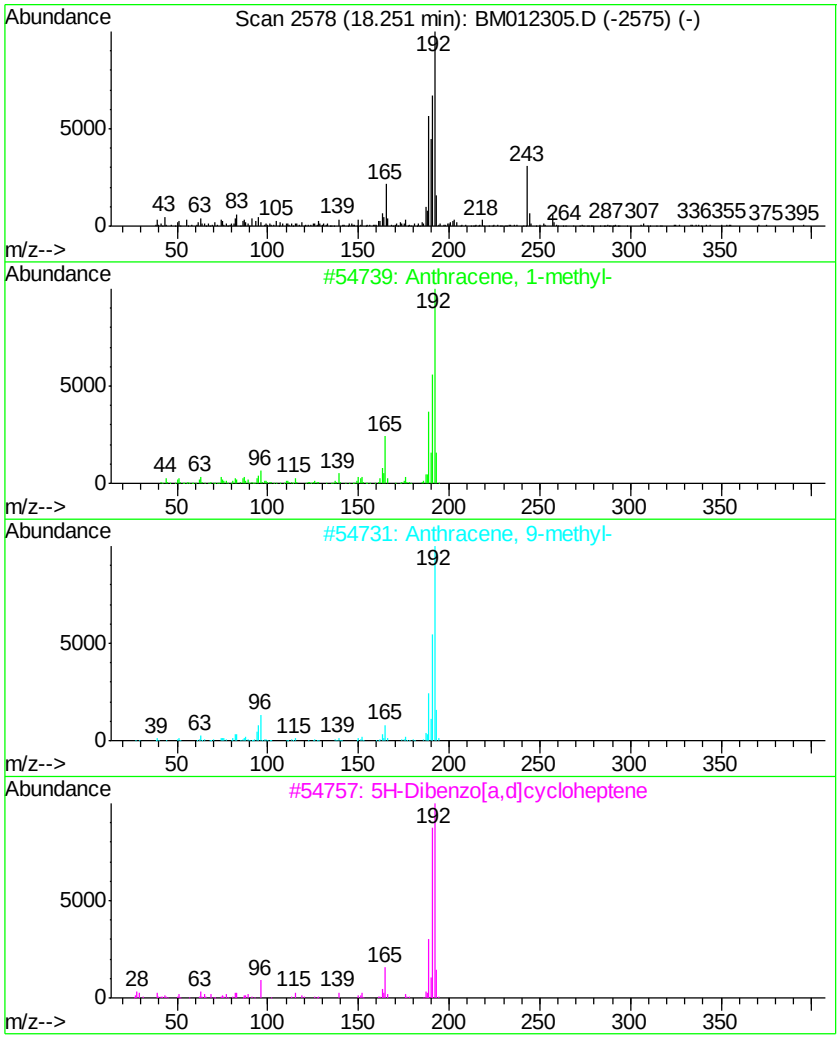
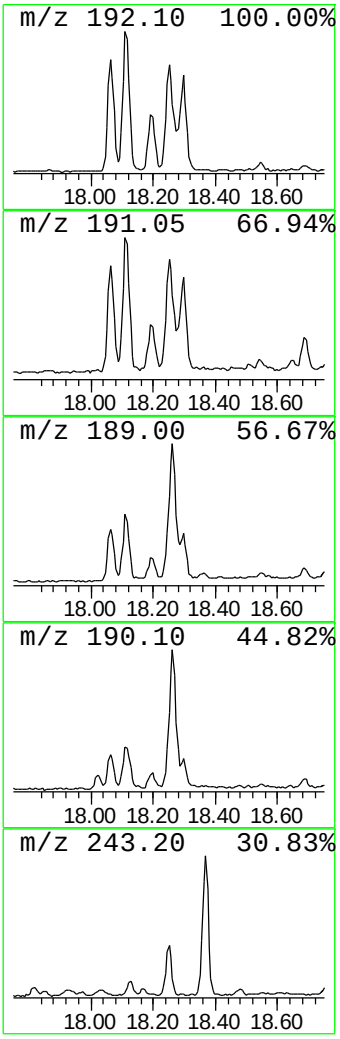
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.42 ng/ul	633820	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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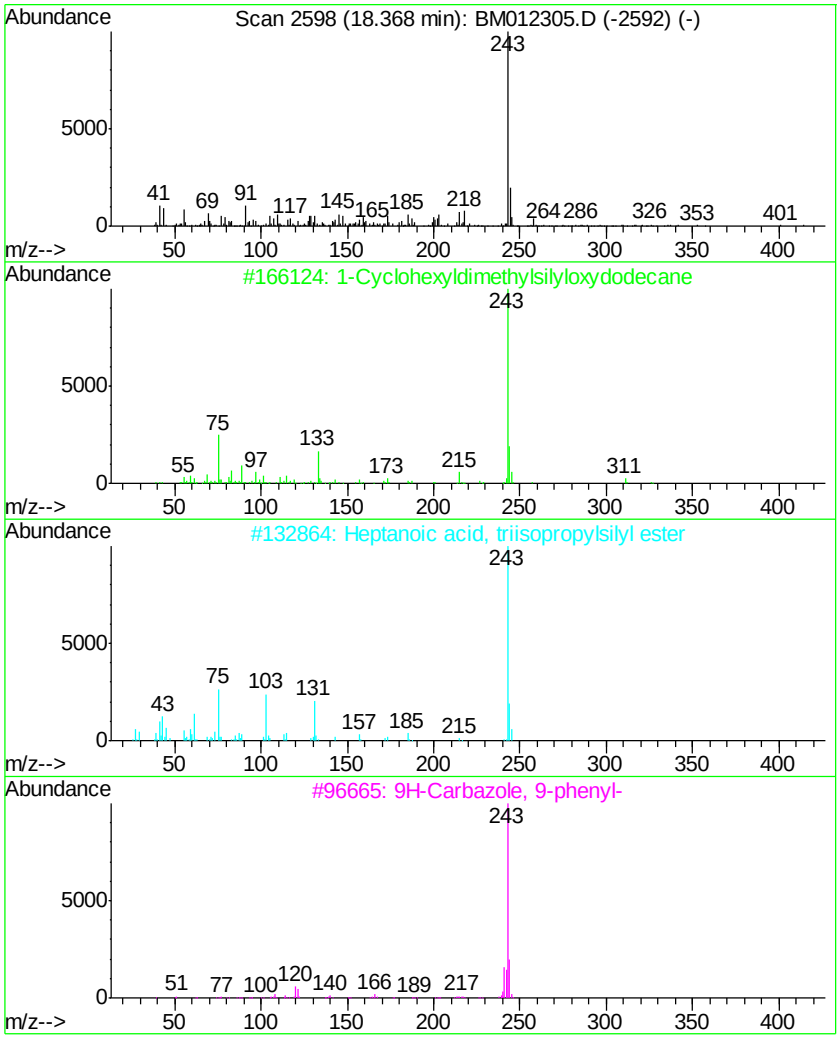
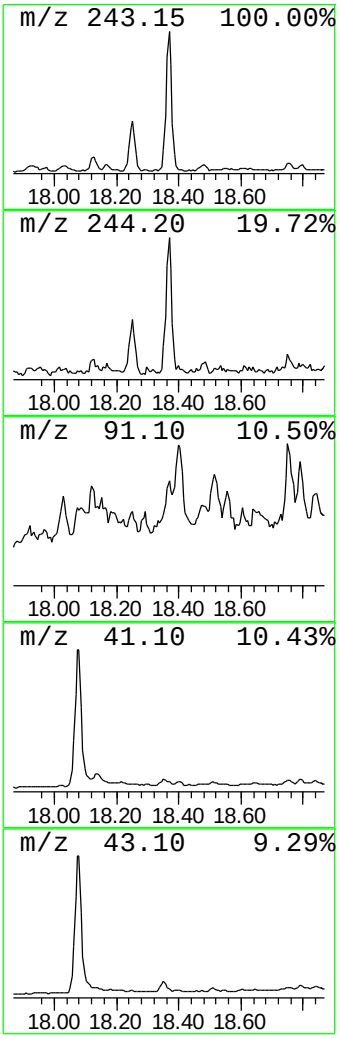
Peak Number 18 1-Cyclohexyldimethylsilylox... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.97 ng/ul	570446	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyldimethylsilyloxydode...	326	C20H42OSi	1000281-96-3	72
2	Heptanoic acid, triisopropylsily...	286	C16H34O2Si	1000279-49-1	64
3	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	59
4	Isoindole-1,3,5-trione, perhydro...	243	C14H13NO3	197162-90-6	59
5	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	59





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Quant Title : SVOA CALIBRATION

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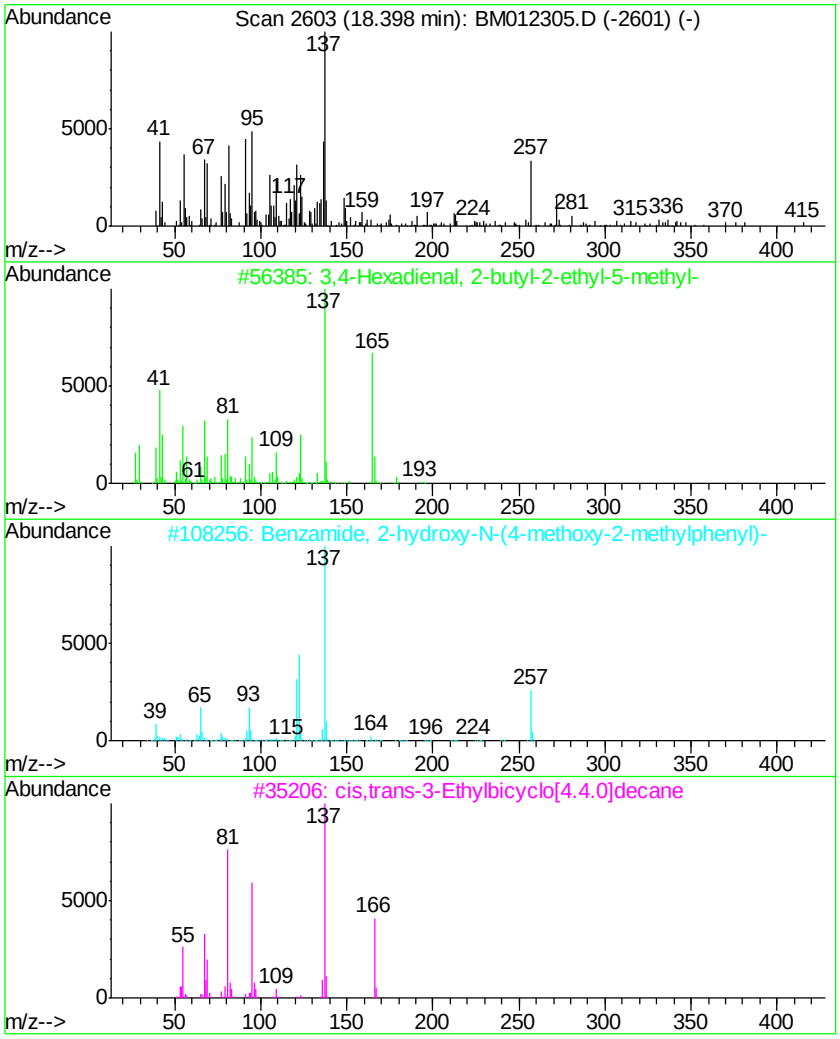
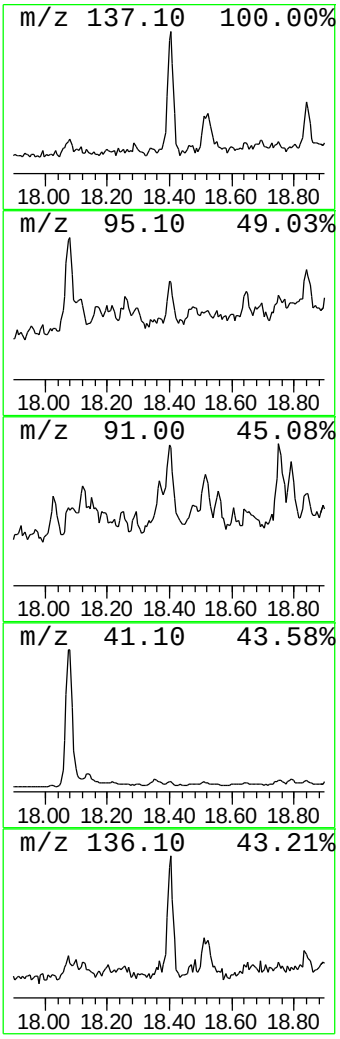
Peak Number 19 3,4-Hexadienal, 2-butyl-2-e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.04 ng/ul	436791	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Hexadienal, 2-butyl-2-ethyl-...	194	C13H22O	023739-80-2	55
2	Benzamide, 2-hydroxy-N-(4-methox...	257	C15H15NO3	1000337-81-8	41
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
4	Phenol, 4-amino-2,5-dimethyl-	137	C8H11NO	003096-71-7	35
5	Propenamide, N-(2,6-dimethylphen...	257	C15H15NOS	284680-01-9	35





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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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

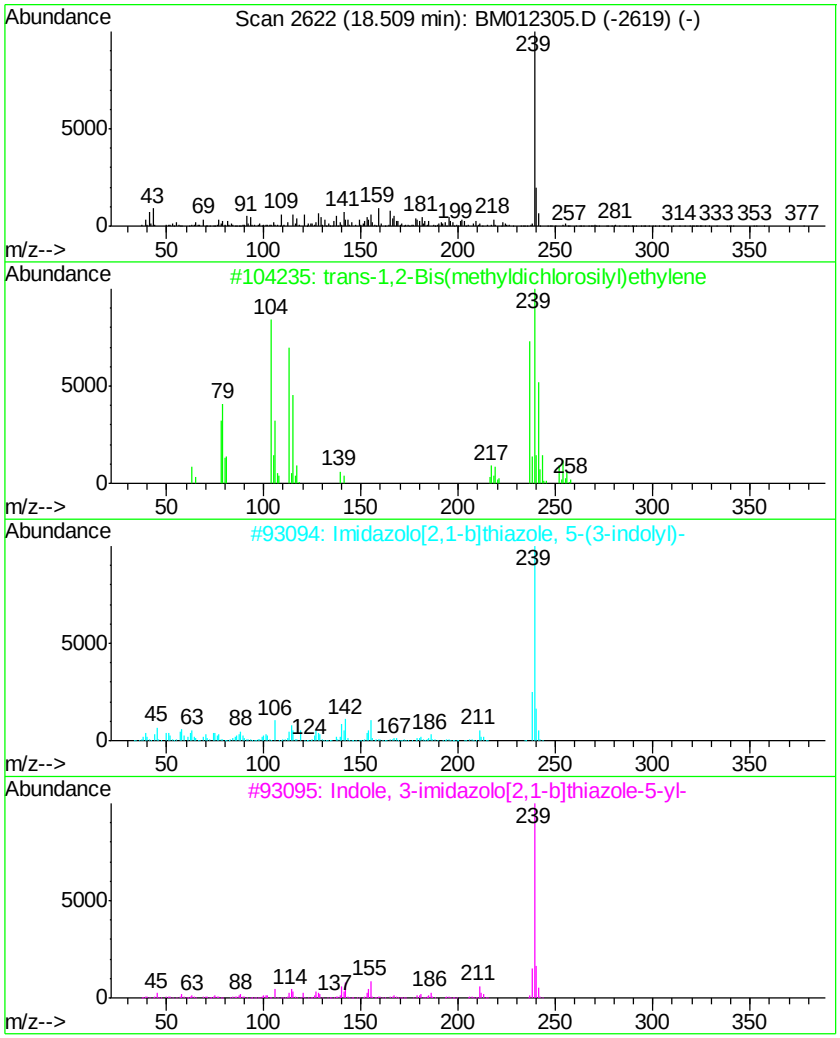
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

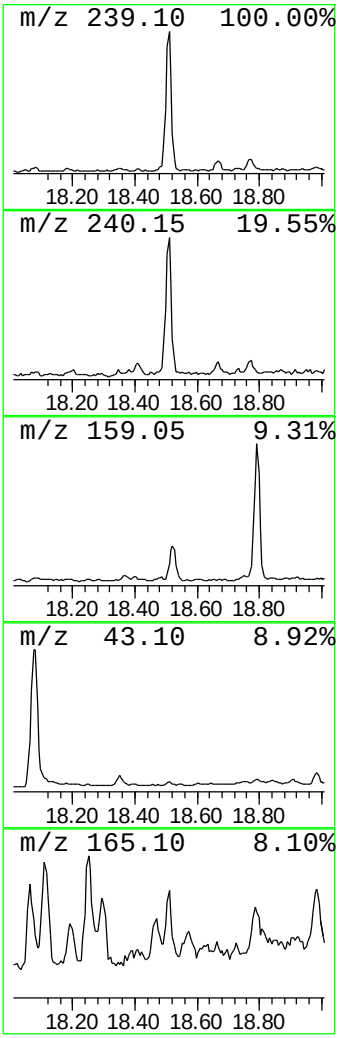
****

Peak Number 20 trans-1,2-Bis(methyldichlor... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	4.57 ng/ul	655490	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	92
2	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	64
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
4	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	59
5	2-(2-Methoxyethoxy)ethyl 3,5-din...	314	C12H14N2O8	1000378-31-0	52





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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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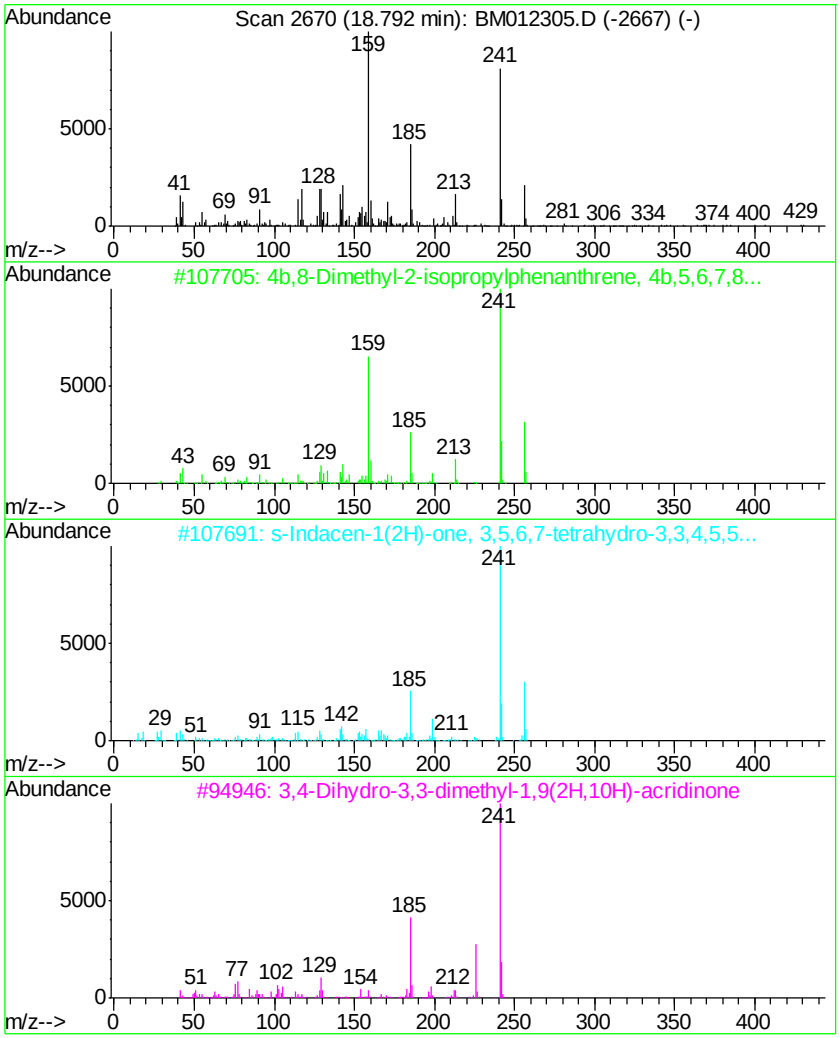
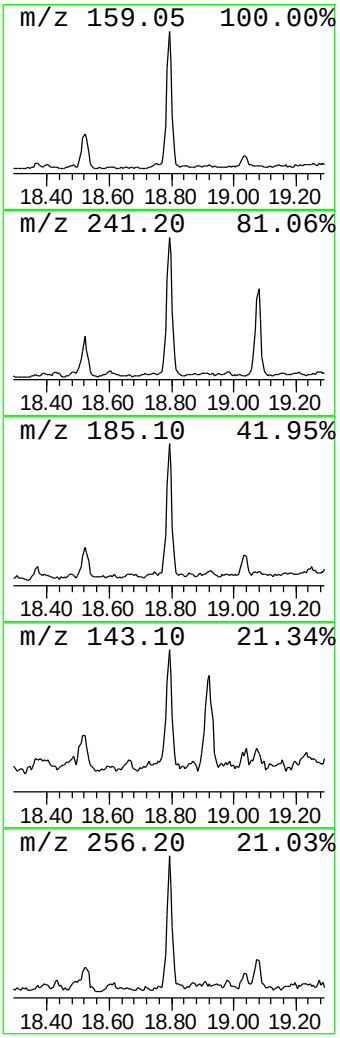
Peak Number 21 4b,8-Dimethyl-2-isopropylph... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	5.76 ng/ul	827296	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	27





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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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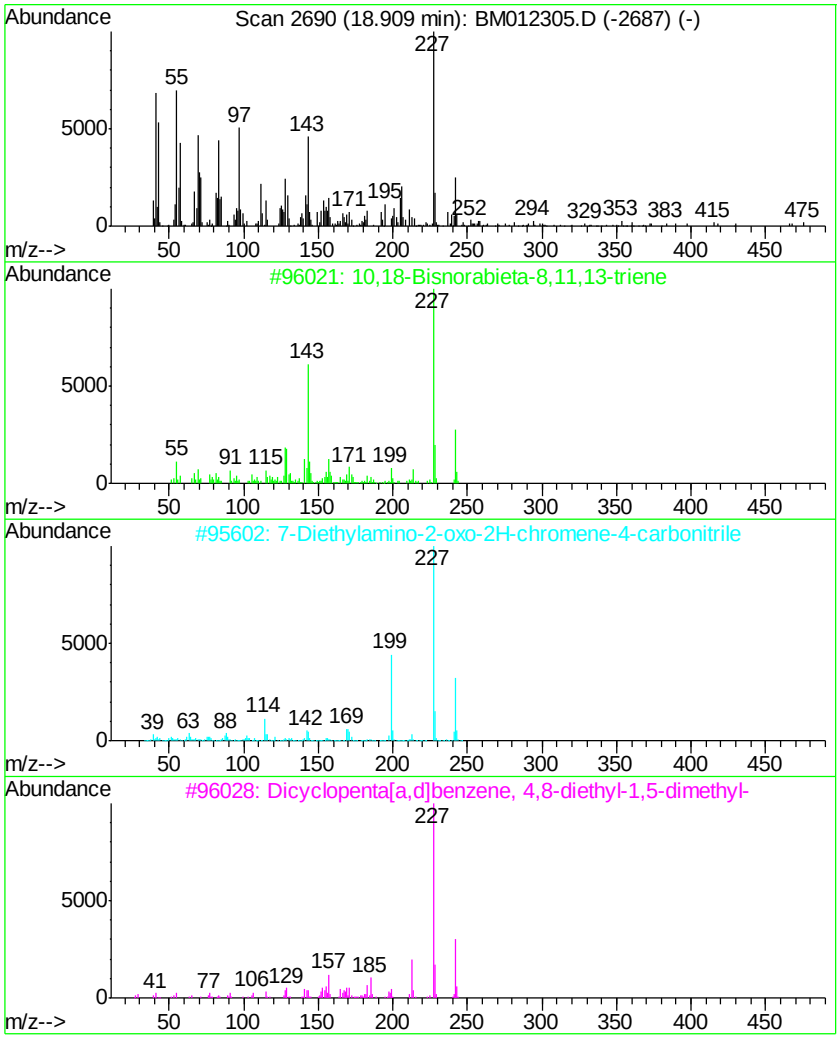
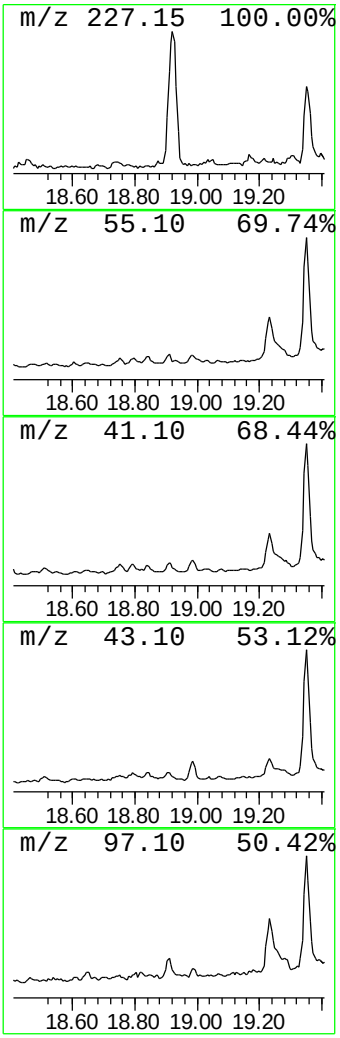
Peak Number 22 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.61 ng/ul	518888	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	45
2	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	38
3	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	30
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	30
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	30





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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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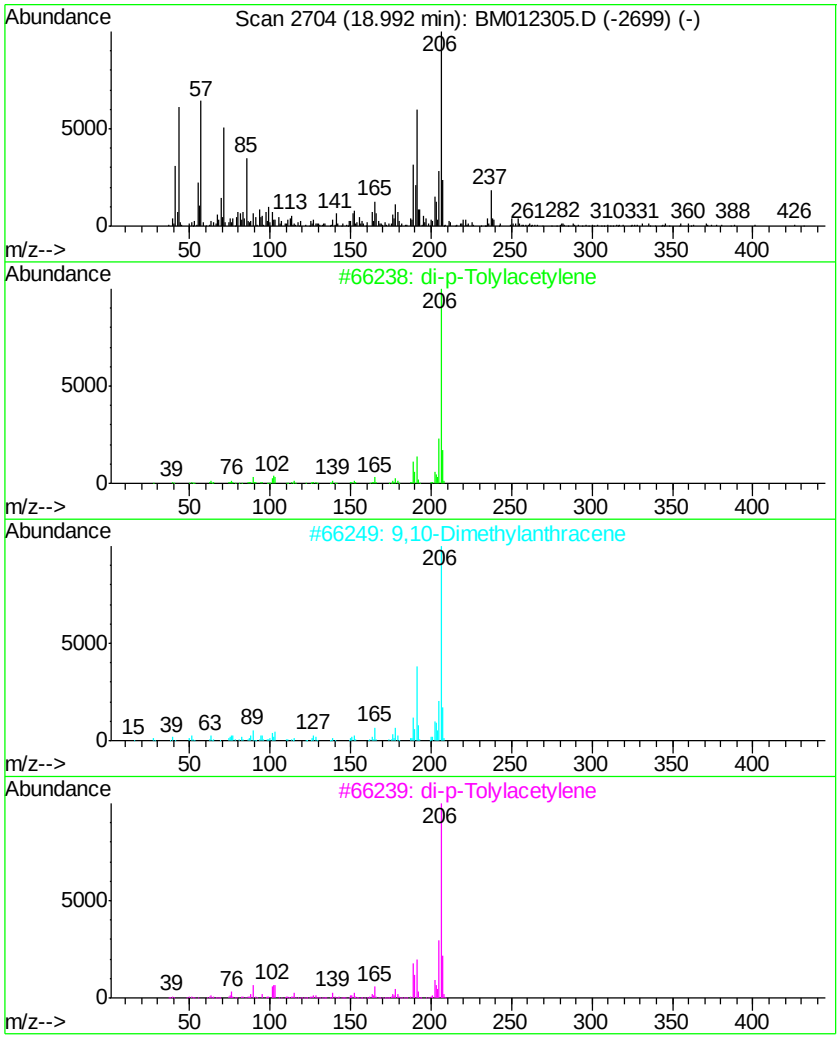
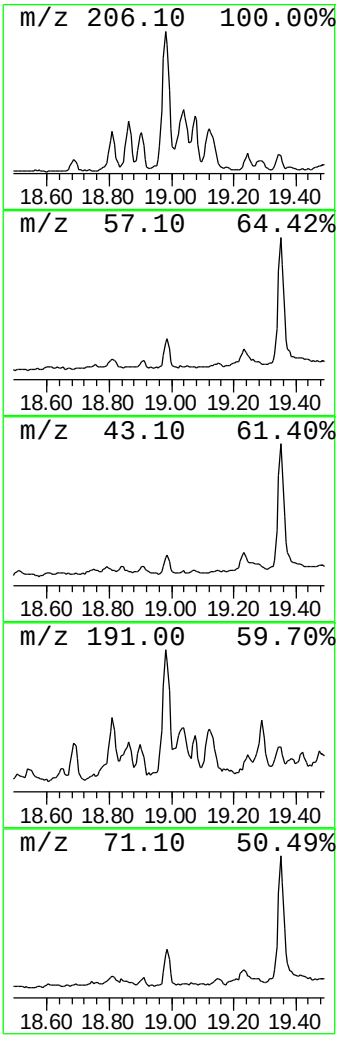
Peak Number 23 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.74 ng/ul	967914	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78





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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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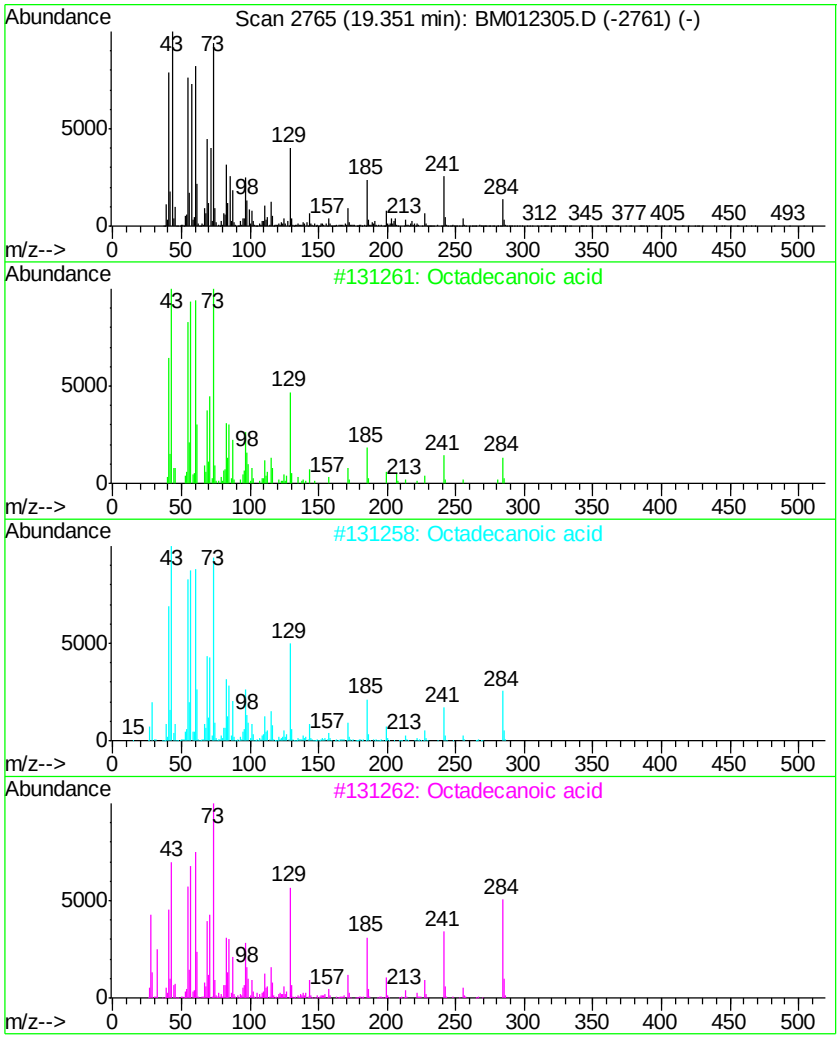
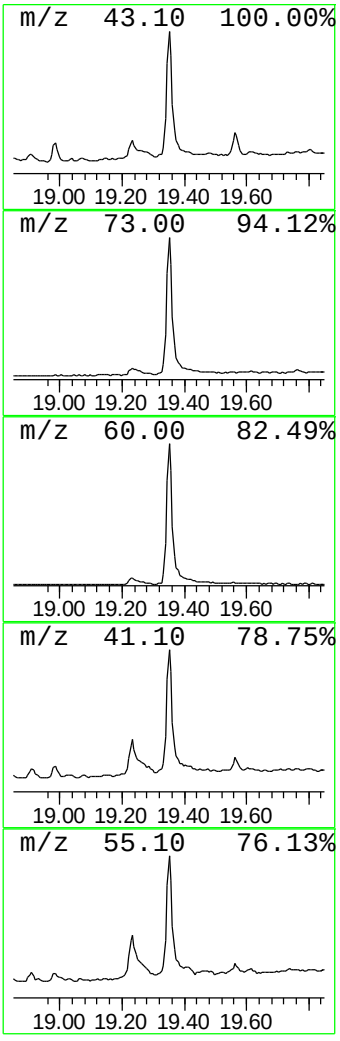
Peak Number 24 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	11.27 ng/ul	4365310	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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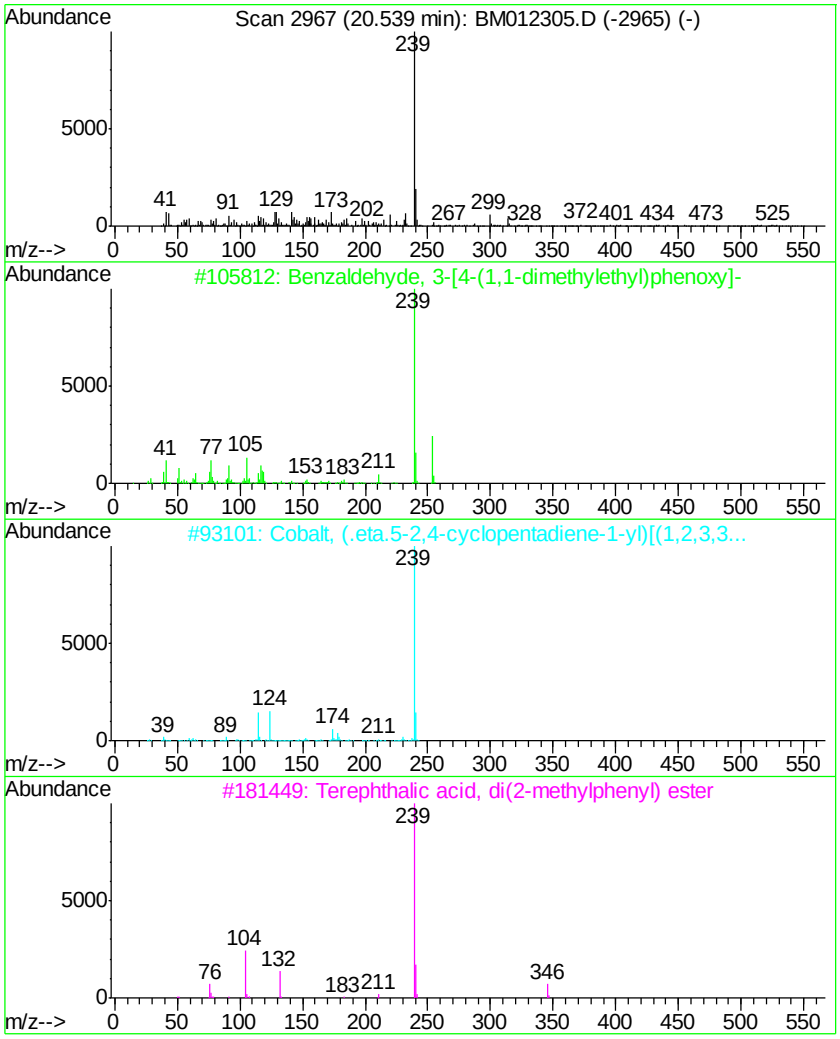
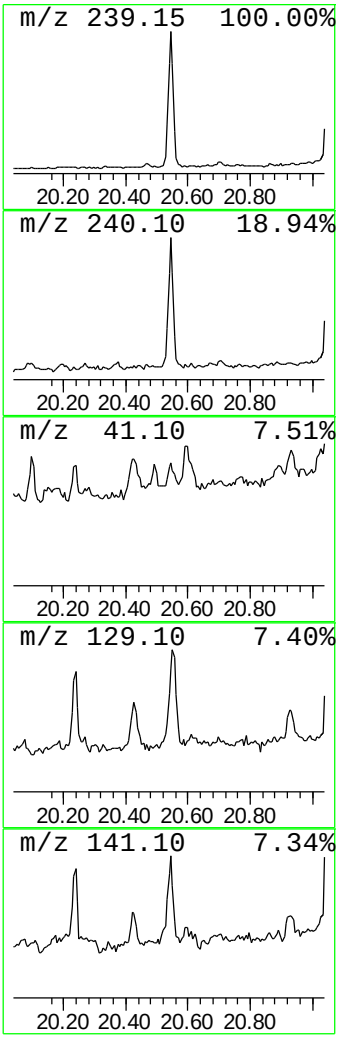
Peak Number 25 Benzaldehyde, 3-[4-(1,1-dim... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.57 ng/ul	997057	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	59
2	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	59
3	Terephthalic acid, di(2-methylph...	346	C22H18O4	1000323-60-7	59
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	53
5	2-(2-Methoxyethoxy)ethyl 3,5-din...	314	C12H14N2O8	1000378-31-0	53





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Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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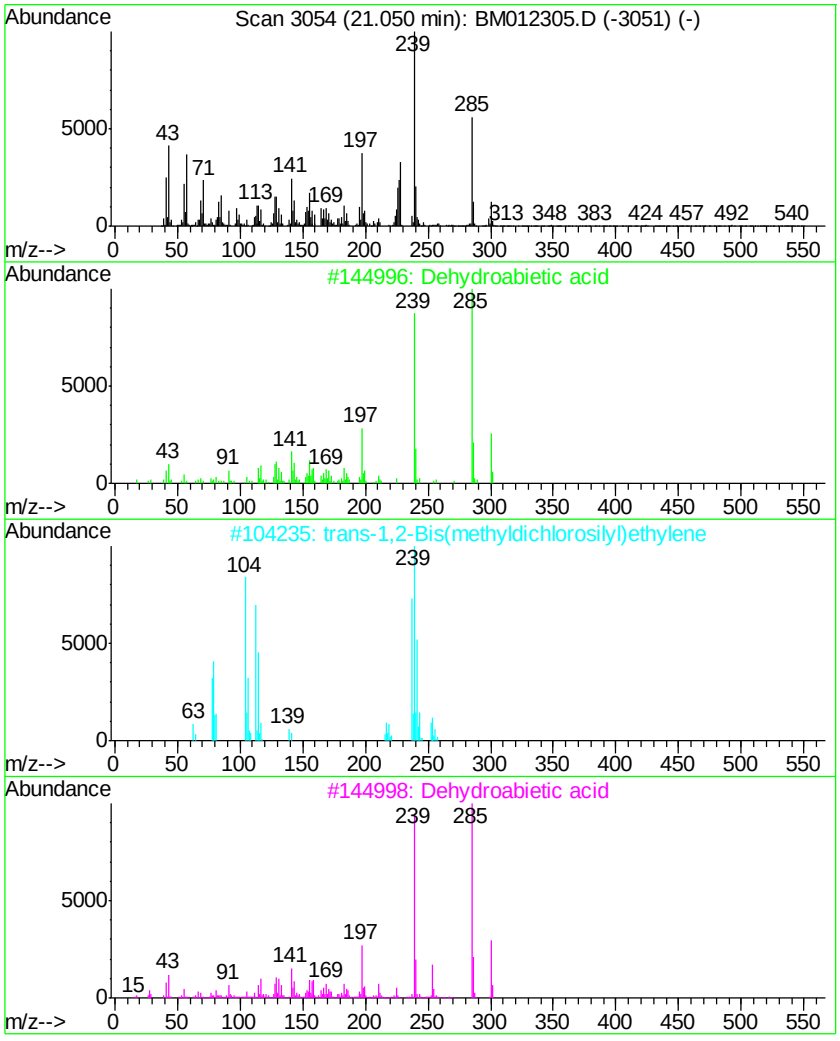
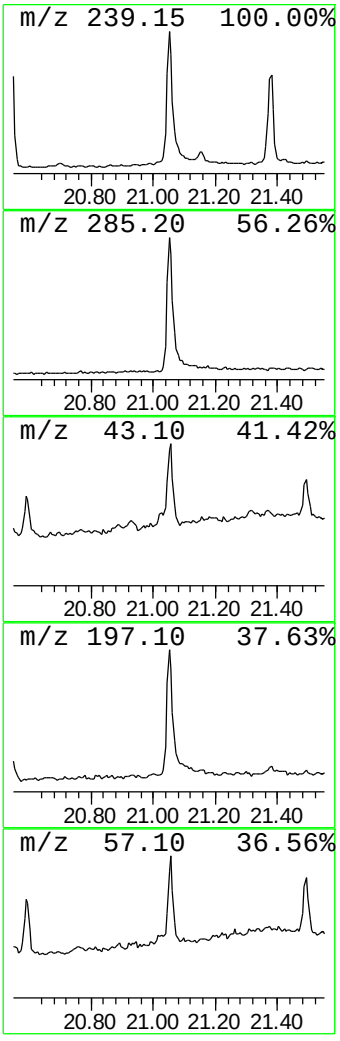
Peak Number 26 Dehydroabietic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	7.55 ng/ul	2922980	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	93
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	89
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	89
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	76





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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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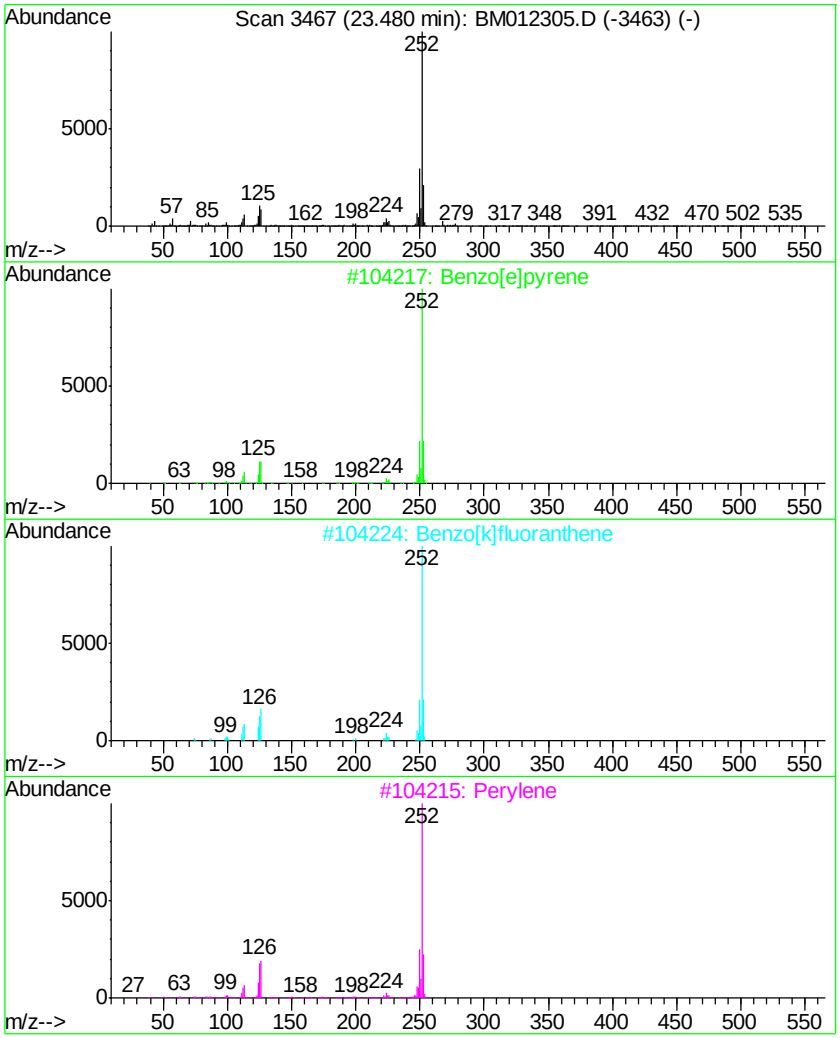
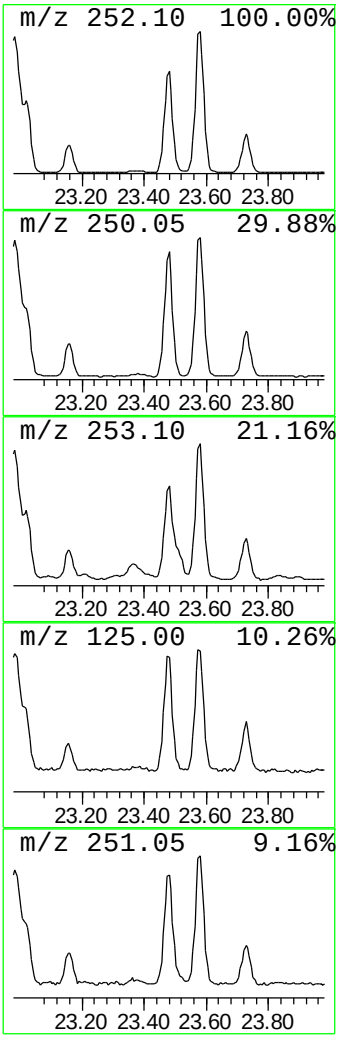
Peak Number 27 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	11.53 ng/ul	3248050	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Data File : BM012305.D
Acq On : 19 Oct 2017 06:49
Operator : SJ/JU
Sample : I5693-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-32(2-4)-100417

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	6.4	ng/ul	626423	1	7.78	1953650	20.0
(DEL) Alkane: Str...	6.42	2.7	ng/ul	262392	1	7.78	1953650	20.0
Benzene, 1-ethyl-...	6.86	2.4	ng/ul	232975	1	7.78	1953650	20.0
unknown-01	6.91	3.3	ng/ul	321552	1	7.78	1953650	20.0
(DEL) Alkane: Str...	7.38	6.3	ng/ul	611695	1	7.78	1953650	20.0
Benzene, 1,2,3-tr...	7.42	4.0	ng/ul	387506	1	7.78	1953650	20.0
Benzene, 1-methyl...	7.90	3.9	ng/ul	383935	1	7.78	1953650	20.0
Benzene, (1-methy...	8.32	3.0	ng/ul	289087	1	7.78	1953650	20.0
Benzene, 1,2-diet...	8.42	2.9	ng/ul	285085	1	7.78	1953650	20.0
Phenol, 4-(1,1-di...	13.28	3.5	ng/ul	490719	3	14.44	2838790	20.0
(DEL) Alkane: Str...	14.31	2.0	ng/ul	291312	3	14.44	2838790	20.0
(DEL) Alkane: Str...	16.13	2.2	ng/ul	320806	4	17.19	2870870	20.0
n-Hexadecanoic acid	18.08	66.8	ng/ul	9586490	4	17.19	2870870	20.0
Anthracene, 1-met...	18.25	4.4	ng/ul	633820	4	17.19	2870870	20.0
1-Cyclohexyldimet...	18.37	4.0	ng/ul	570446	4	17.19	2870870	20.0
3,4-Hexadienal, 2...	18.40	3.0	ng/ul	436791	4	17.19	2870870	20.0
trans-1,2-Bis(met...	18.51	4.6	ng/ul	655490	4	17.19	2870870	20.0
4b,8-Dimethyl-2-i...	18.79	5.8	ng/ul	827296	4	17.19	2870870	20.0
unknown-02	18.91	3.6	ng/ul	518888	4	17.19	2870870	20.0
di-p-Tolylacetylene	18.99	6.7	ng/ul	967914	4	17.19	2870870	20.0
Octadecanoic acid	19.35	11.3	ng/ul	4365310	5	21.37	7745080	20.0
Benzaldehyde, 3-[...	20.54	2.6	ng/ul	997057	5	21.37	7745080	20.0
Dehydroabietic acid	21.05	7.5	ng/ul	2922980	5	21.37	7745080	20.0
Benzo[e]pyrene	23.48	11.5	ng/ul	3248050	6	23.68	5633260	20.0