LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

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-BM110417MA.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	3.804	117	122	131	rVB	48499	69326	2.05%	0.131%
2	4.016	154	158	166	rVB	83578	122158	3.61%	0.231%
3	4.540	239	247	257	rVB2	29205	61276	1.81%	0.116%
4	5.322	375	380	387	rVB	106707	159266	4.71%	0.301%
5	5.451	396	402	414	rBV	428599	837561	24.76%	1.585%
6	5.822	458	465	471	rBV	215334	323101	9.55%	0.612%
7	6.787	618	629	634	rBV2	107234	194031	5.74%	0.367%
8	6.845	634	639	642	rVV2	41478	73198	2.16%	0.139%
9	6.892	642	647	652	rVV	328903	505637	14.95%	0.957%
10	6.951	652	657	659	rVV	215729	368004	10.88%	0.697%
11	6.981	659	662	666	rVV	397225	639362	18.90%	1.210%
12	7.022	666	669	675	rVB2	184109	288620	8.53%	0.546%
13	7.134	681	688	693	rBV	321929	482628	14.27%	0.913%
14	7.187	693	697	705	rVB	139885	217981	6.44%	0.413%
15	7.340	716	723	731	rVB	425851	702866	20.78%	1.330%
16	7.422	731	737	739	rBV	512137	798367	23.60%	1.511%
17	7.445	739	741	750	rVB	536146	691472	20.44%	1.309%
18	7.798	791	801	810	rBV	459480	844492	24.97%	1.598%
19	7.910	816	820	828	rVB2	149348	253699	7.50%	0.480%
20	8.022	835	839	843	rBV2	32668	49749	1.47%	0.094%
21	8.081	845	849	857	rVB5	35619	71830	2.12%	0.136%
22	8.287	879	884	887	rBV	51330	80736	2.39%	0.153%
23	8.345	887	894	898	rVV2	170989	306987	9.08%	0.581%
24	8.434	904	909	916	rBV3	185062	351577	10.39%	0.665%
25	8.516	916	923	928	rBV	489950	778355	23.01%	1.473%
26	8.745	958	962	967	rBV	44374	69551	2.06%	0.132%
27	8.798	967	971	978	rVV	62871	93818	2.77%	0.178%
28	8.898	978	988	993	rVV	154570	267873	7.92%	0.507%
29	8.957	993	998	1003	rVV	393861	678080	20.05%	1.283%
30	9.016	1003	1008	1017	rVB	631133	964389	28.51%	1.825%
31	9.145	1017	1030	1037	rBV9	43497	137119	4.05%	0.260%
32	9.228	1039	1044	1050	rBV3	27823	59663	1.76%	0.113%
33	9.422	1072	1077	1082	rVV	52013	86777	2.57%	0.164%
34	9.481	1082	1087	1096	rVB	61079	116703	3.45%	0.221%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

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-BM110417MA.M
Title : SVOA CALIBRATION

35	9.675	1113	1120	1127	rBV	337821	626356	18.52%	1.186%
36	9.792	1133	1140	1145	rBV5	31156	66899	1.98%	0.127%
37	9.939	1158	1165	1169	rBV2	54814	107198	3.17%	0.203%
38	9.992	1170	1174	1181	rVV4	67351	136296	4.03%	0.258%
39	10.057	1181	1185	1191	rVB5	33413	58967	1.74%	0.112%
40	10.222	1207	1213	1221	rVV	567181	958556	28.34%	1.814%
41	10.292	1221	1225	1233	rVB2	40898	69048	2.04%	0.131%
42	10.592	1266	1276	1281	rBV	623300	1179578	34.87%	2.233%
43	10.639	1281	1284	1290	rVB	104889	165782	4.90%	0.314%
44	10.733	1291	1300	1308	rBV2	93708	192138	5.68%	0.364%
45	11.398	1407	1413	1420	rBV7	31933	70626	2.09%	0.134%
46	11.616	1444	1450	1462	rVB10	17415	49970	1.48%	0.095%
47	11.910	1496	1500	1506	rVV3	32825	52207	1.54%	0.099%
48	12.010	1506	1517	1525	rVB5	24654	81963	2.42%	0.155%
49	12.257	1552	1559	1565	rBV	34933	61964	1.83%	0.117%
50	12.392	1575	1582	1591	rBV2	29518	80669	2.38%	0.153%
51	13.263	1723	1730	1736	rBV3	40027	78717	2.33%	0.149%
52	13.486	1761	1768	1772	rBV	43444	72974	2.16%	0.138%
53	13.521	1772	1774	1780	rVB2	33404	47815	1.41%	0.091%
54	13.851	1820	1830	1834	rBV	1010797	1449603	42.86%	2.744%
55	13.892	1834	1837	1846	rVB	255550	401455	11.87%	0.760%
56	14.133	1872	1878	1888	rBV	1143401	1727513	51.07%	3.270%
57	14.439	1920	1930	1937	rVV2	1015097	1541639	45.58%	2.918%
58	14.504	1937	1941	1948	rVB	52806	84612	2.50%	0.160%
59	14.668	1960	1969	1975	rBV	266434	486904	14.39%	0.922%
60	14.733	1975	1980	1989	rVV	203480	362356	10.71%	0.686%
61	14.810	1989	1993	1995	rVV	44467	67832	2.01%	0.128%
62	14.839	1995	1998	2007	rVB3	57801	123003	3.64%	0.233%
63	15.227	2059	2064	2068	rBV6	28662	49426	1.46%	0.094%
64	15.286	2071	2074	2079	rVB	40374	50603	1.50%	0.096%
65	15.357	2080	2086	2091	rVV2	78264	145429	4.30%	0.275%
66	15.433	2094	2099	2105	rVV	1552902	2189034	64.72%	4.143%
67	15.486	2105	2108	2113	rVB	63294	90936	2.69%	0.172%
68	15.586	2120	2125	2126	rBV2	58771	84663	2.50%	0.160%
69	15.698	2133	2144	2149	rBV2	98576	188157	5.56%	0.356%
70	15.798	2154	2161	2167	rVB	284889	407170	12.04%	0.771%
71	15.939	2180	2185	2191	rVB2	26784	56598	1.67%	0.107%

LSC Area Percent Report

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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

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-BM110417MA.M
Title : SVOA CALIBRATION

72	16.151	2216	2221	2223	rBV	113648	171550	5.07%	0.325%
73	16.586	2292	2295	2302	rBV7	34765	47535	1.41%	0.090%
74	16.845	2335	2339	2345	rBV2	53738	84991	2.51%	0.161%
75	16.939	2348	2355	2360	rVV5	59998	114823	3.39%	0.217%
76	16.998	2361	2365	2372	rVB2	116872	187517	5.54%	0.355%
77	17.186	2392	2397	2401	rBV2	1179314	1666234	49.26%	3.154%
78	17.227	2401	2404	2409	rVV	912790	1272330	37.62%	2.408%
79	17.286	2409	2414	2418	rVV	1554557	2196980	64.95%	4.158%
80	17.321	2418	2420	2424	rVB	224681	242299	7.16%	0.459%
81	17.380	2425	2430	2434	rVB2	40307	79291	2.34%	0.150%
82	17.592	2463	2466	2475	rBV2	66890	116546	3.45%	0.221%
83	18.080	2542	2549	2552	rBV2	545003	935786	27.67%	1.771%
84	18.109	2552	2554	2559	rVB	294375	355971	10.52%	0.674%
85	18.192	2565	2568	2573	rBV2	72134	98329	2.91%	0.186%
86	18.256	2574	2579	2583	rVV2	249578	484400	14.32%	0.917%
87	18.292	2583	2585	2592	rVB	159167	197336	5.83%	0.374%
88	18.562	2627	2631	2635	rVB	139179	180544	5.34%	0.342%
89	18.615	2636	2640	2648	rBV4	87523	201477	5.96%	0.381%
90	18.980	2699	2702	2707	rBV2	142754	245111	7.25%	0.464%
91	19.245	2742	2747	2753	rBV	1979068	2678447	79.19%	5.070%
92	19.298	2753	2756	2761	rVB2	280329	359929	10.64%	0.681%
93	19.362	2763	2767	2776	rVB4	326252	558456	16.51%	1.057%
94	19.580	2799	2804	2807	rBV2	1821428	2764655	81.74%	5.233%
95	19.609	2807	2809	2818	rVB	1669438	2281228	67.44%	4.318%
96	21.368	3102	3108	3112	rBV2	1712141	3382455	100.00%	6.402%
97	21.409	3112	3115	3124	rVB	1049475	1382669	40.88%	2.617%
98	22.980	3378	3382	3394	rVB	987102	2695712	79.70%	5.102%
99	23.521	3470	3474	3478	rBV	880103	1312192	38.79%	2.484%
100	23.662	3495	3498	3503	rVB	728372	1128273	33.36%	2.136%

Sum of corrected areas: 52833974

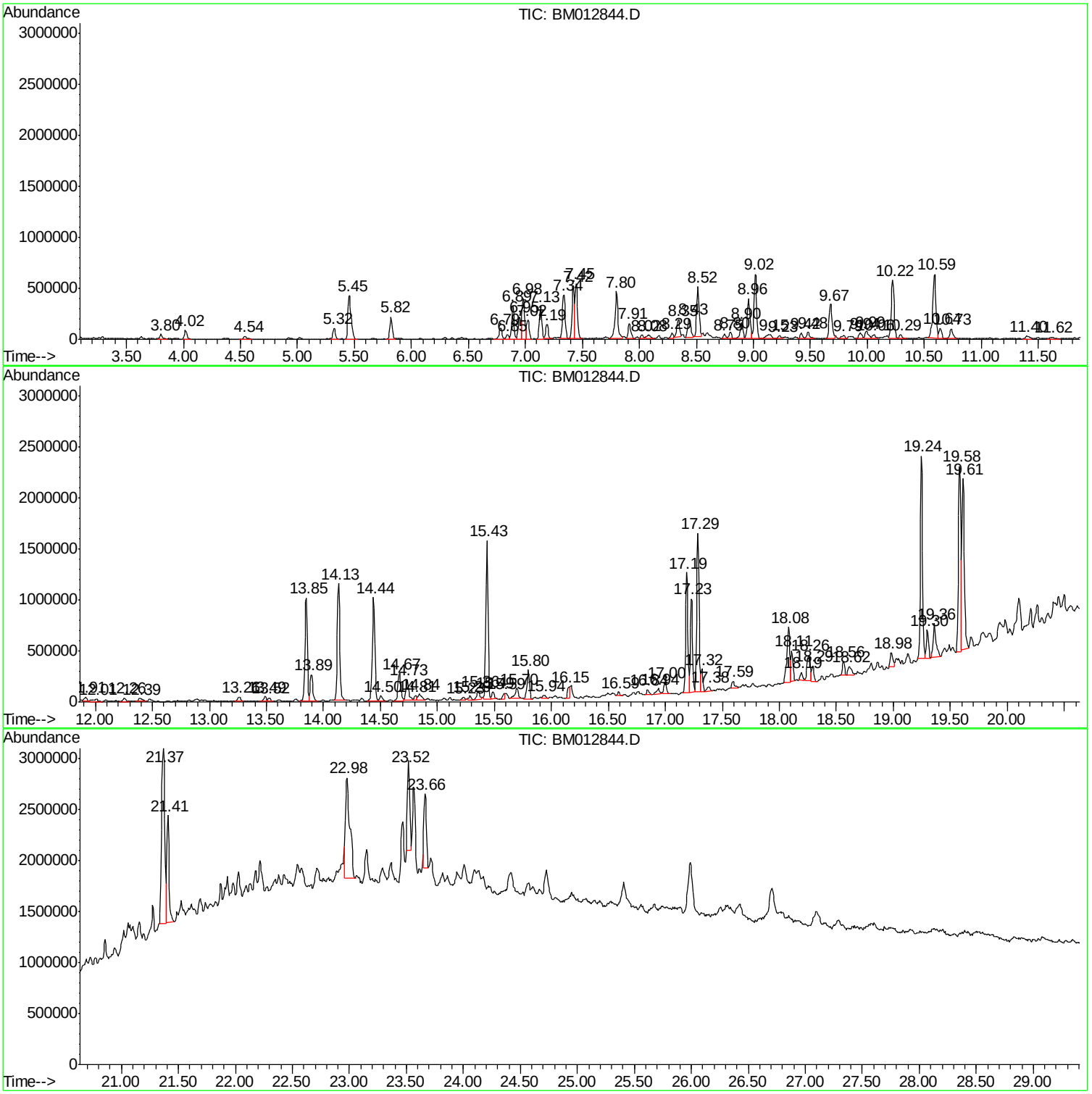
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

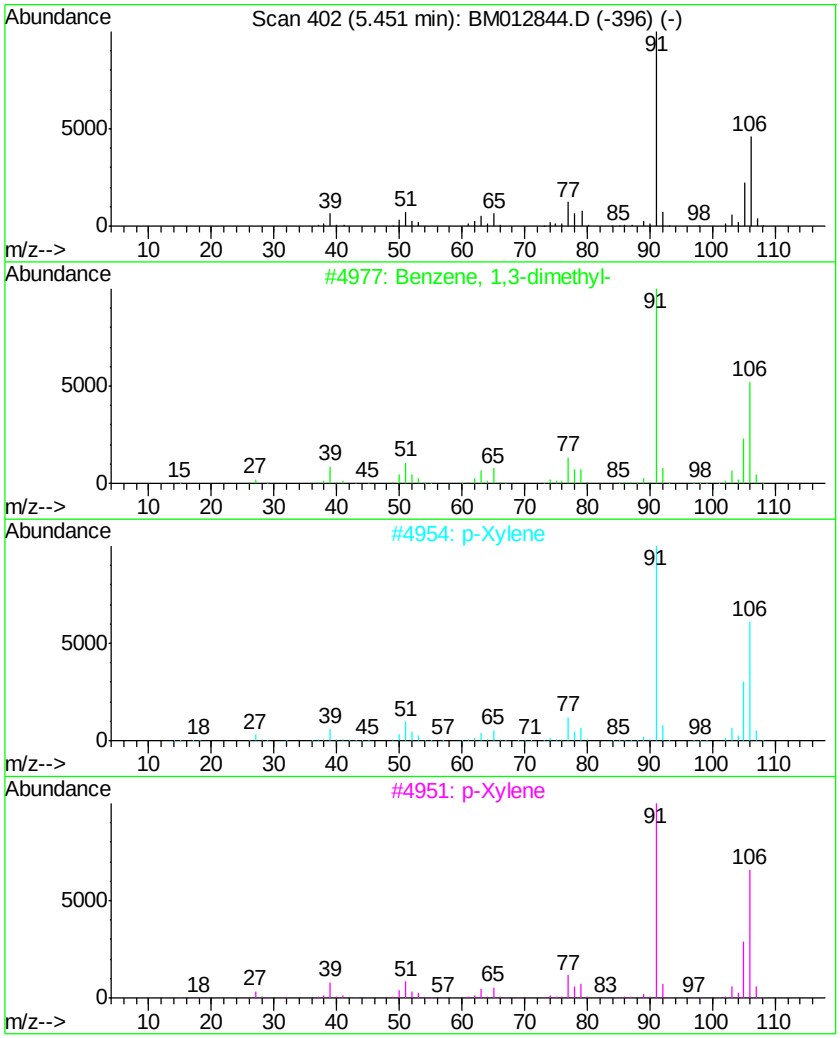
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

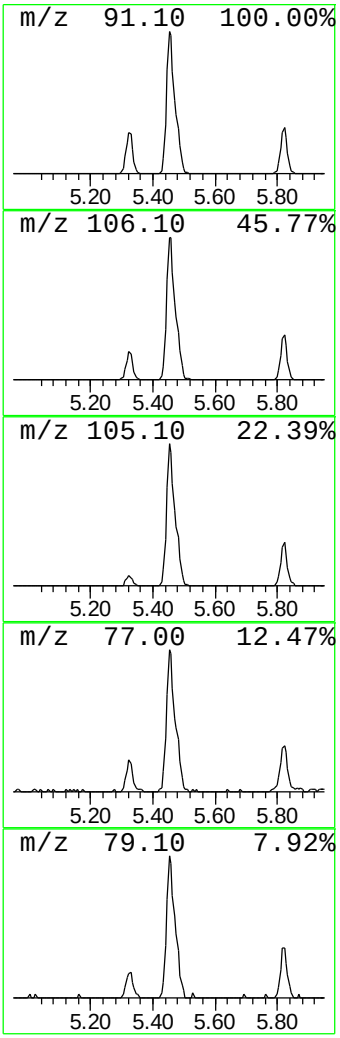
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	19.84 ng/ul	837561	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

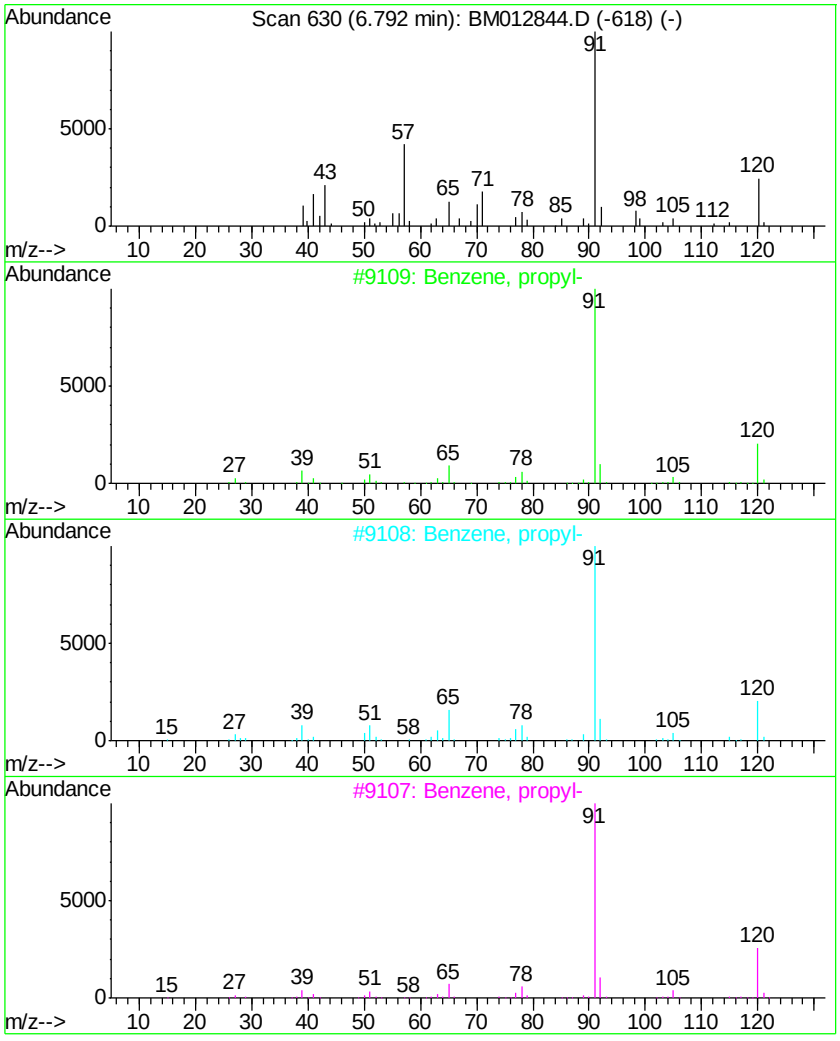
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

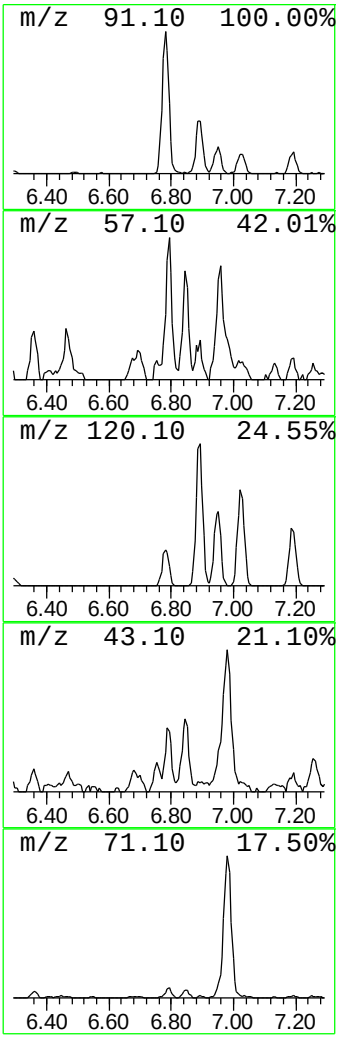
****

Peak Number 5 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.60 ng/ul	194031	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

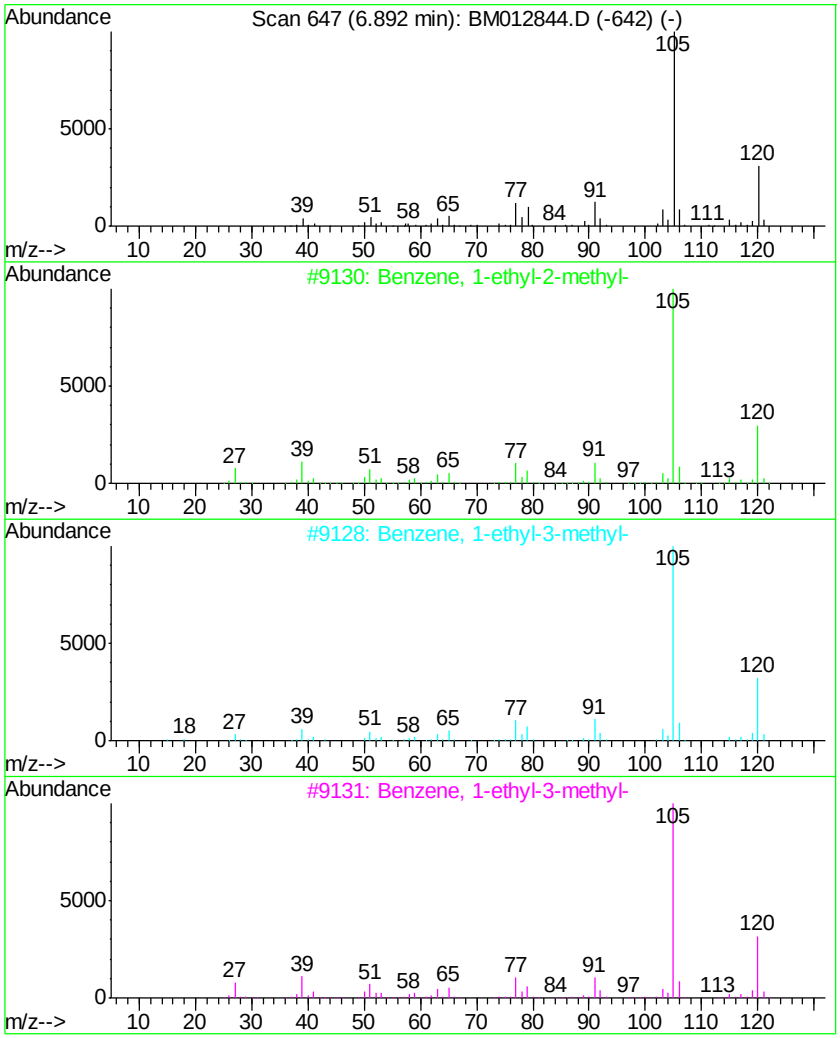
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

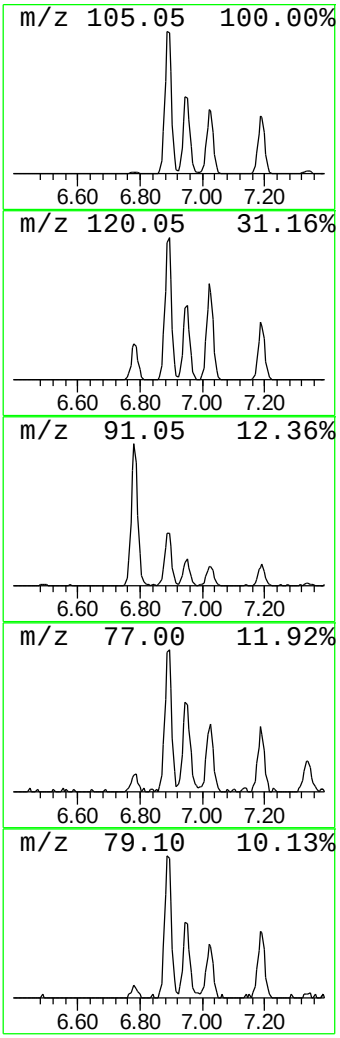
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	11.97 ng/ul	505637	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

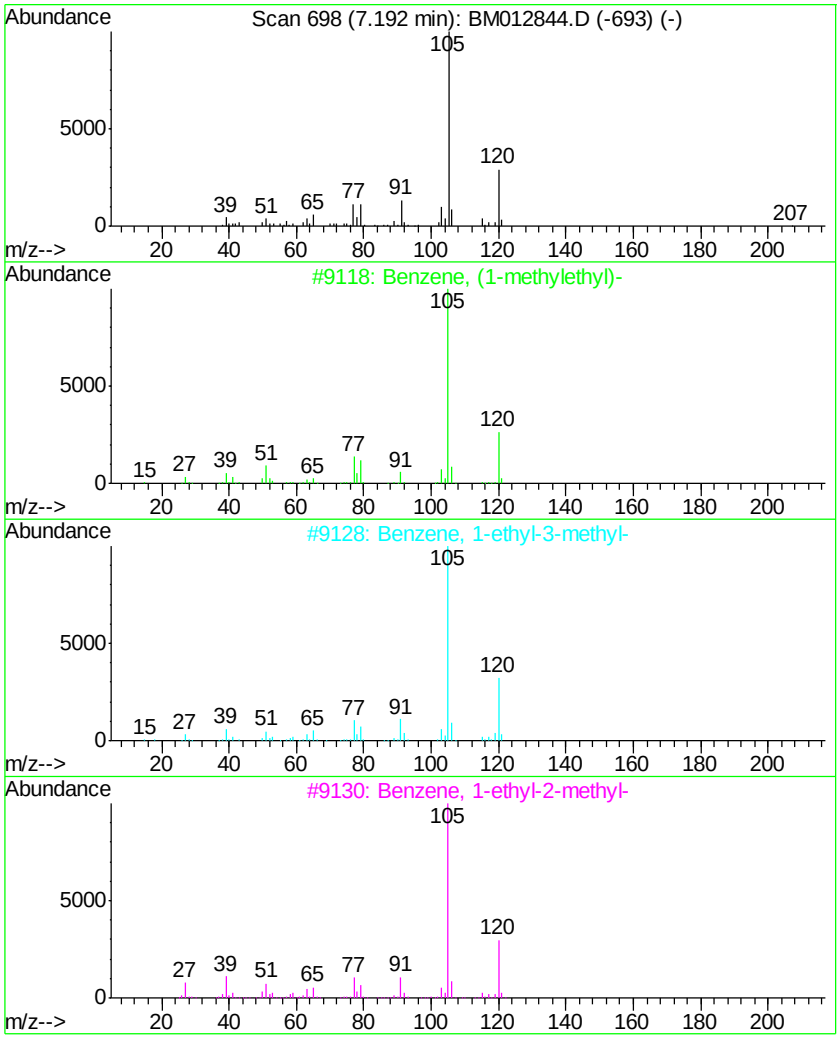
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

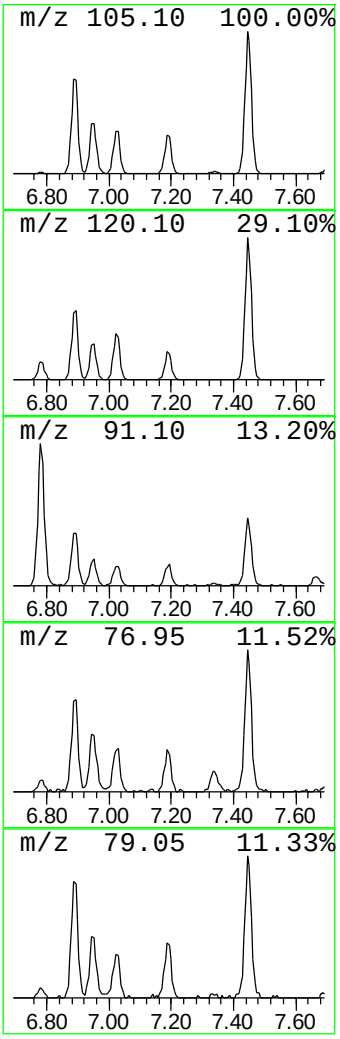
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	5.16 ng/ul	217981	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

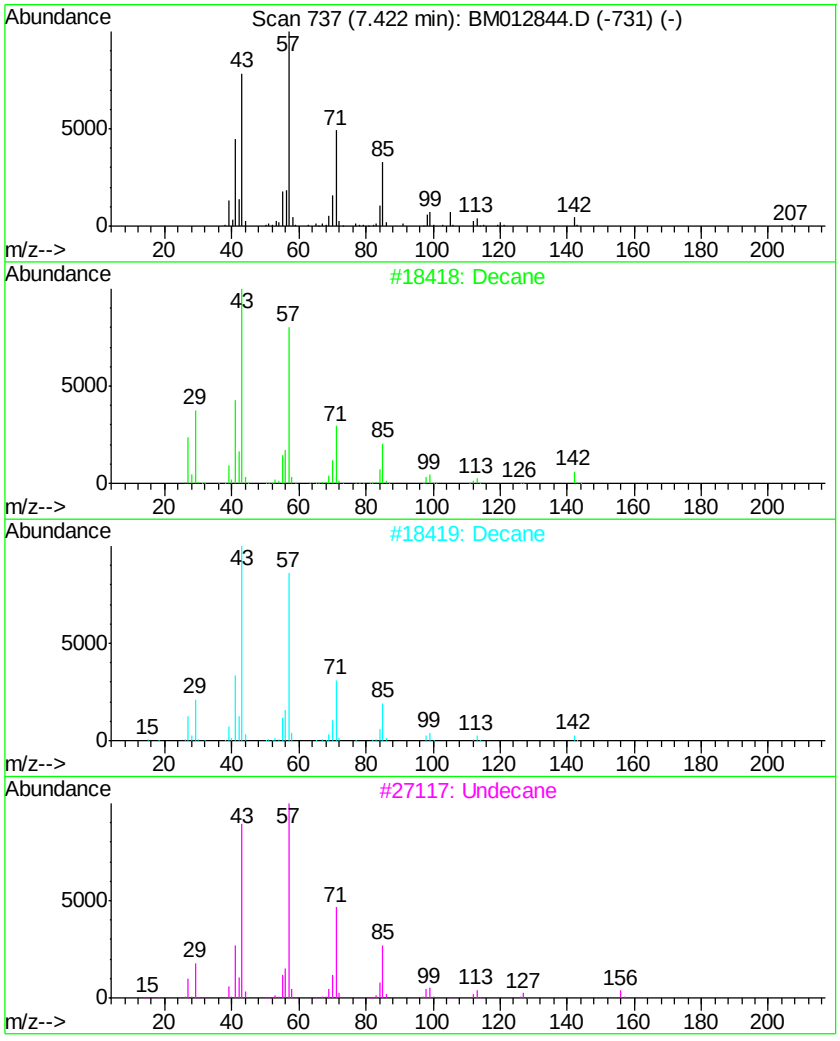
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

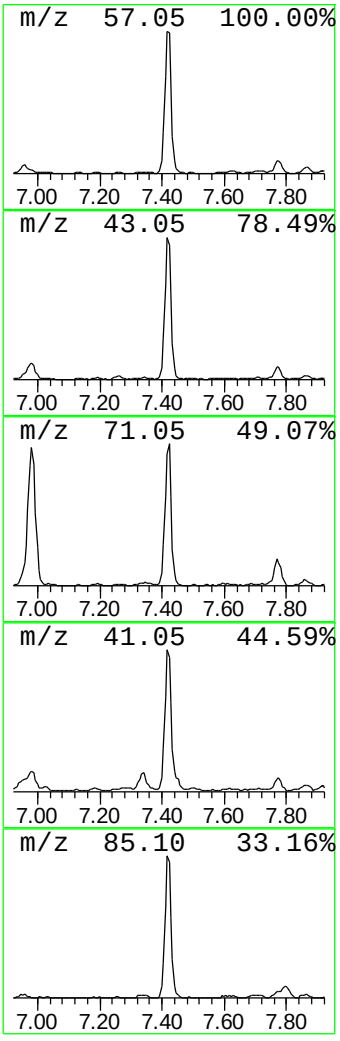
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	18.91 ng/ul	798367	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	94
3	Undecane	156	C11H24	001120-21-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Decane	142	C10H22	000124-18-5	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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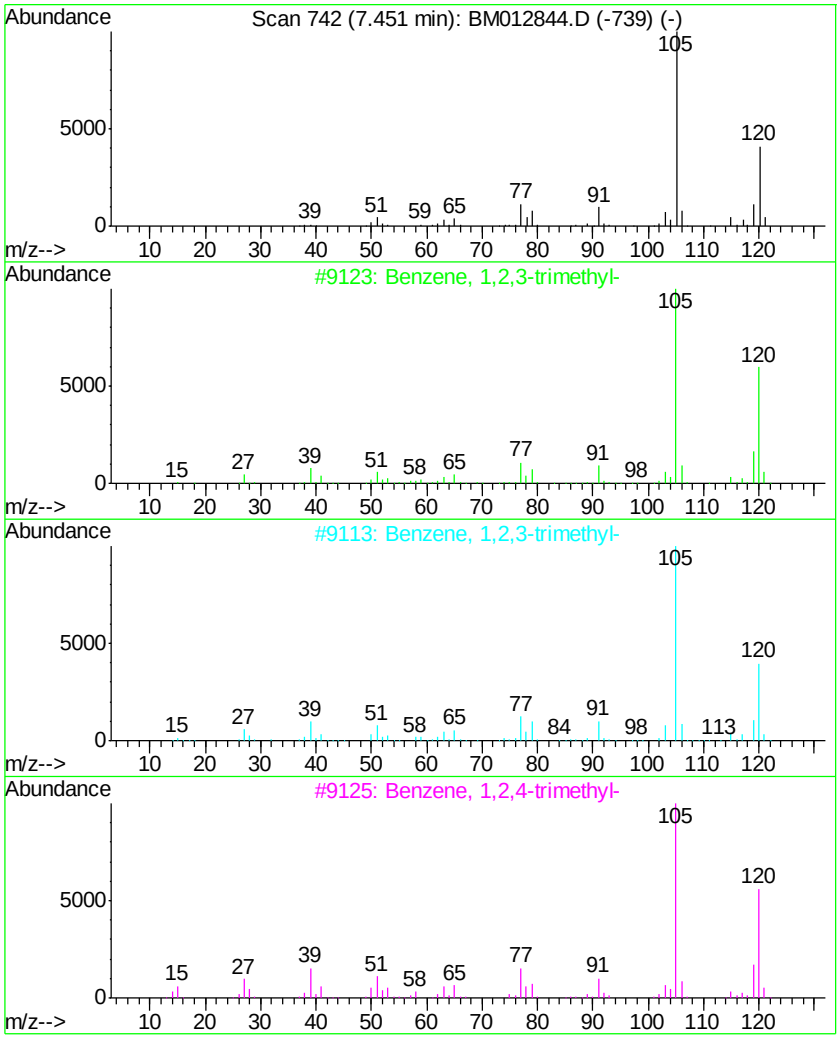
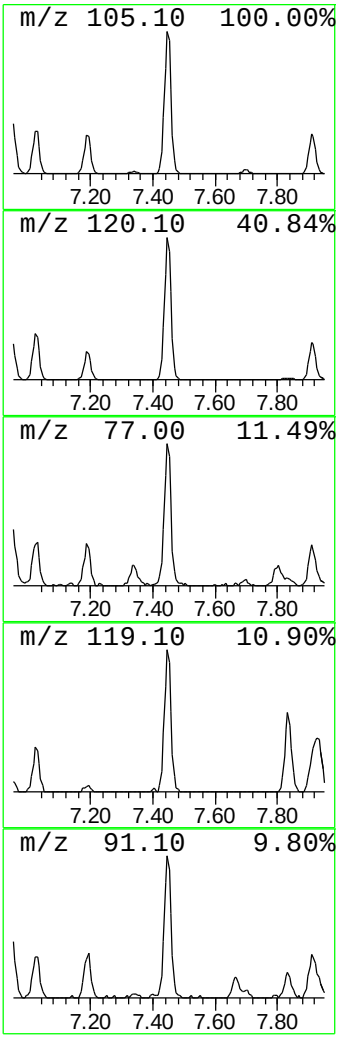
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	16.38 ng/ul	691472	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93





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Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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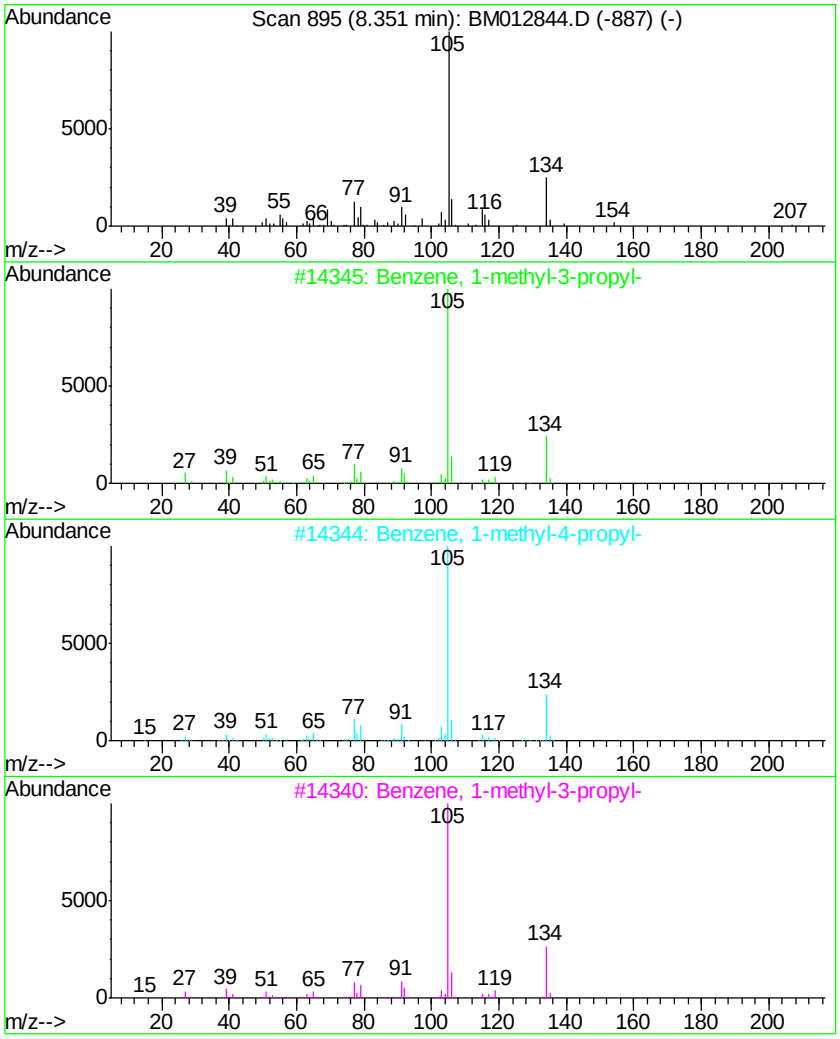
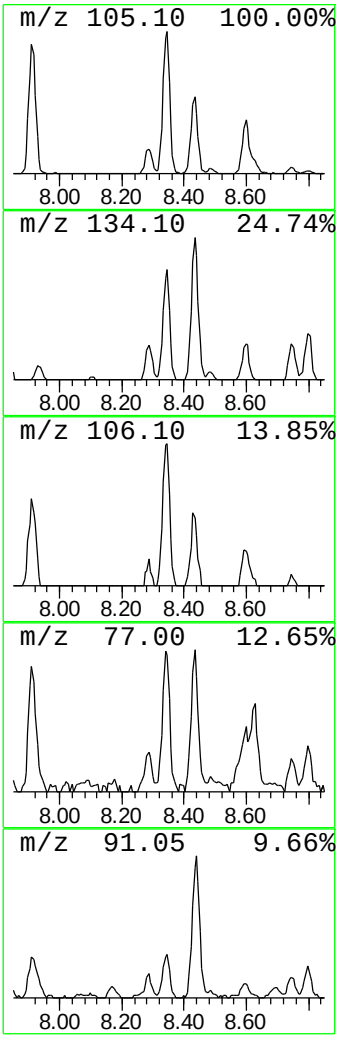
Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	7.27 ng/ul	306987	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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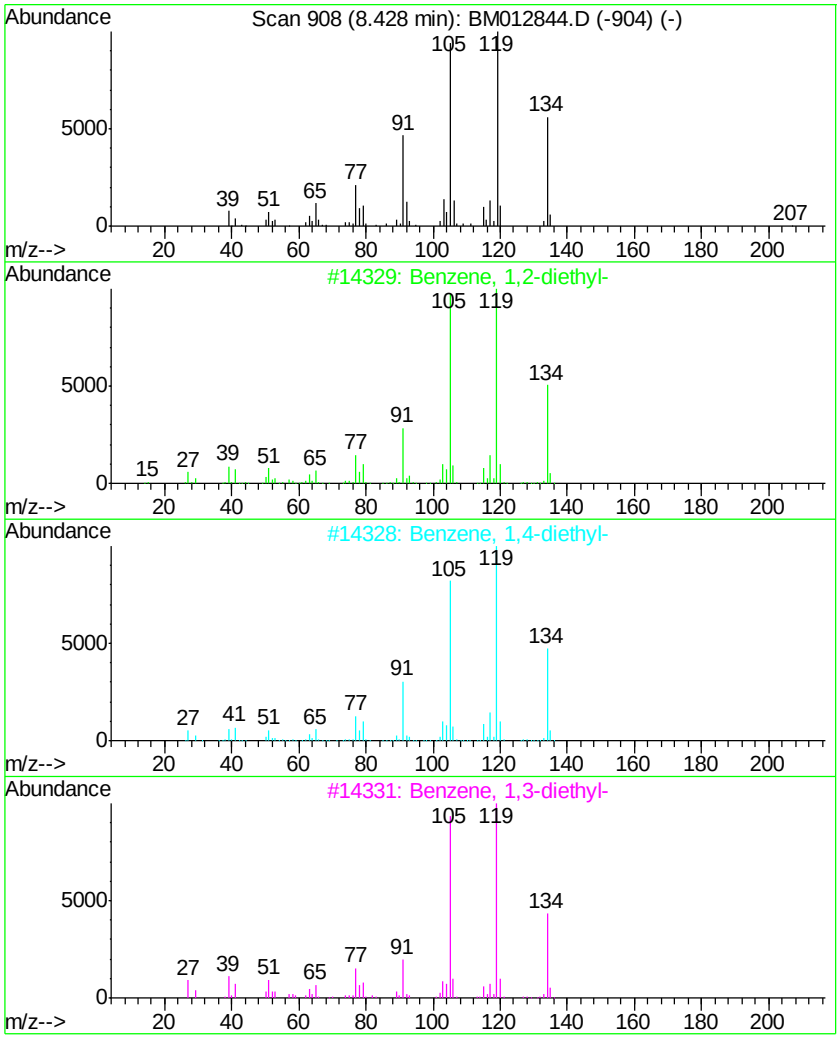
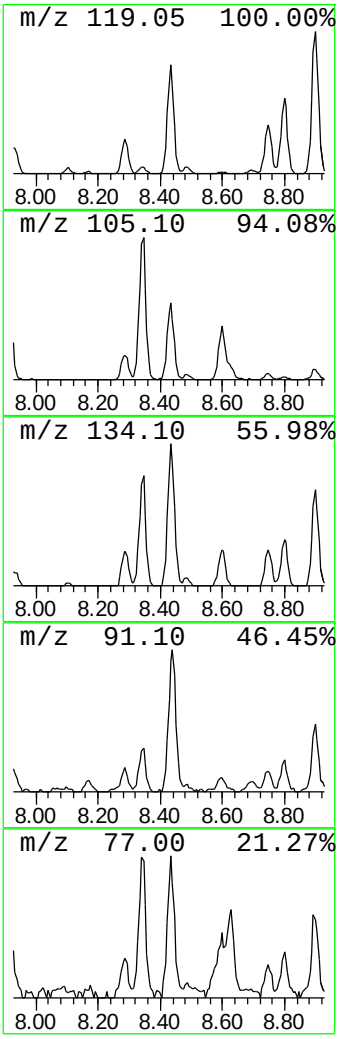
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	8.33 ng/ul	351577	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Library Search Compound Report

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Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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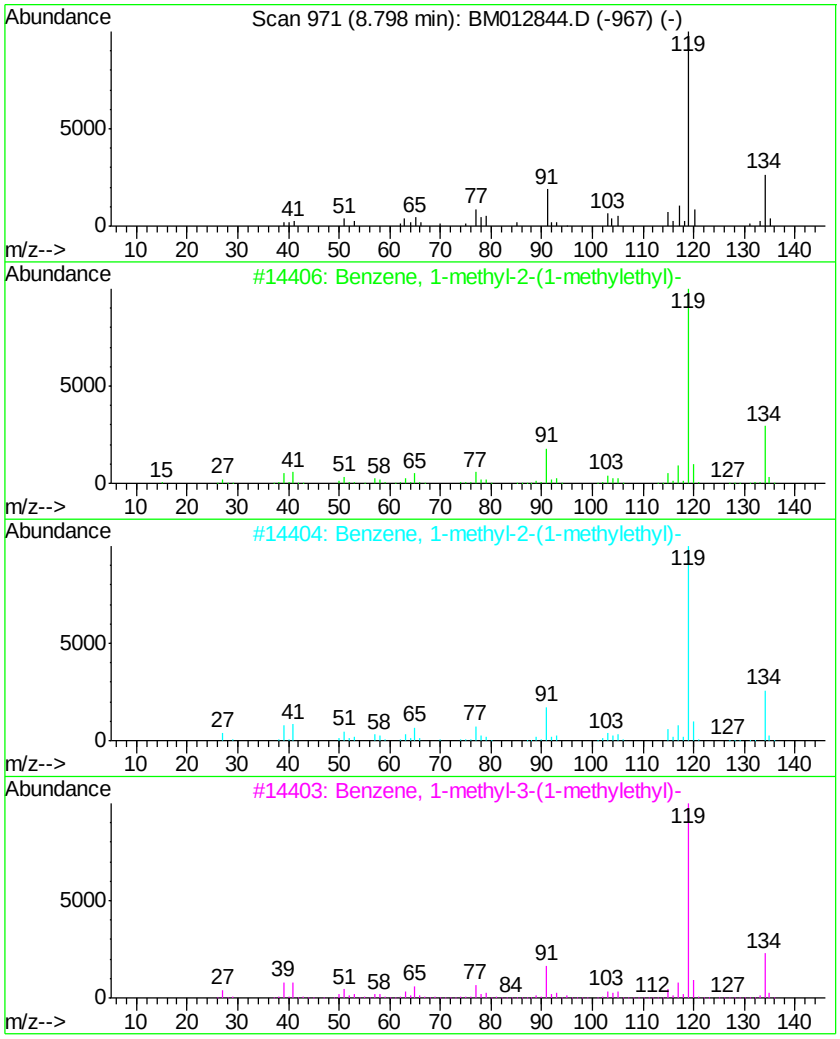
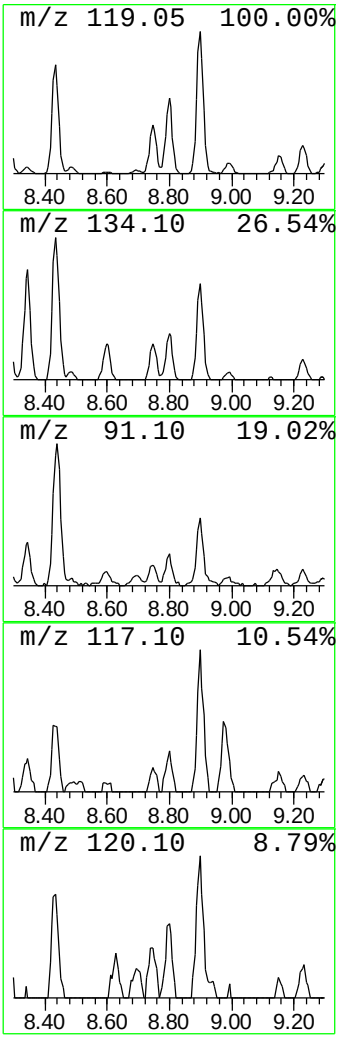
Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.22 ng/ul	93818	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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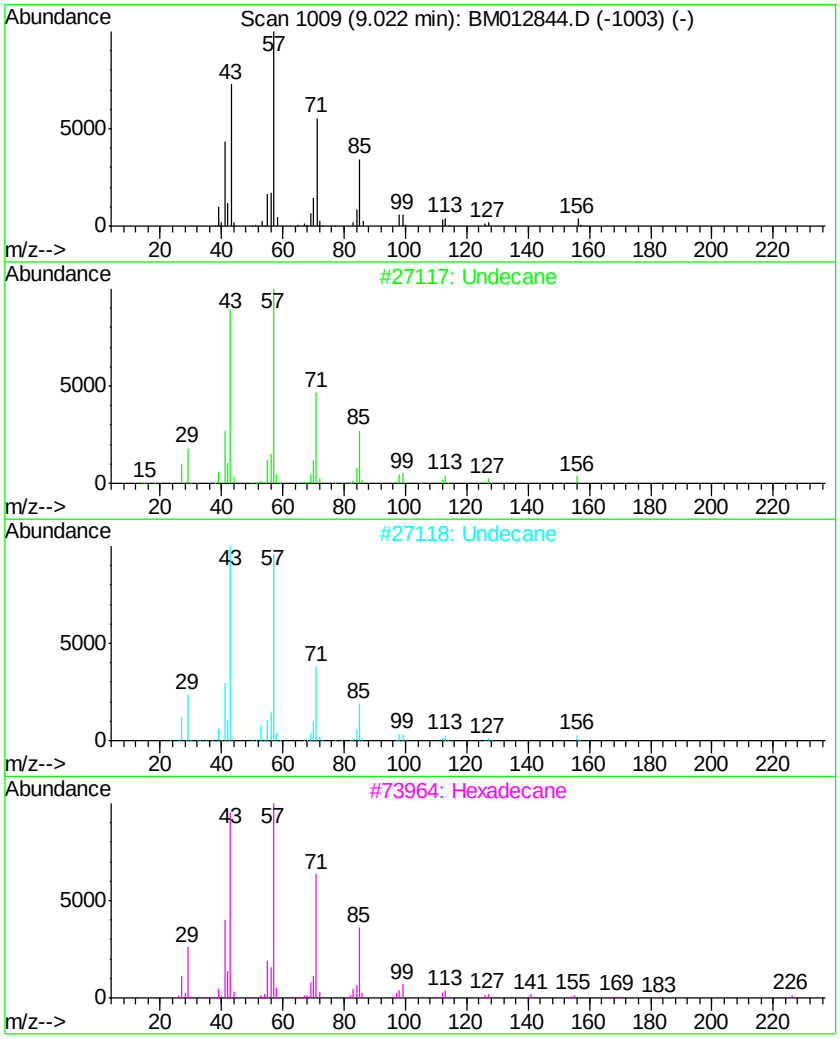
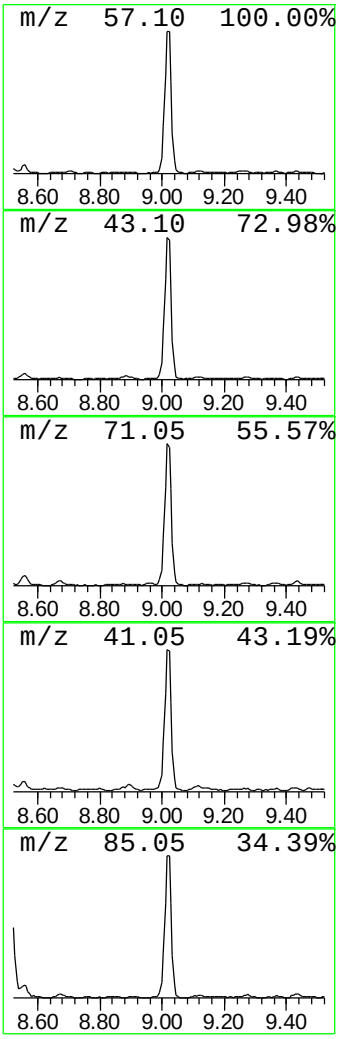
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	22.84 ng/ul	964389	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	83





Library Search Compound Report

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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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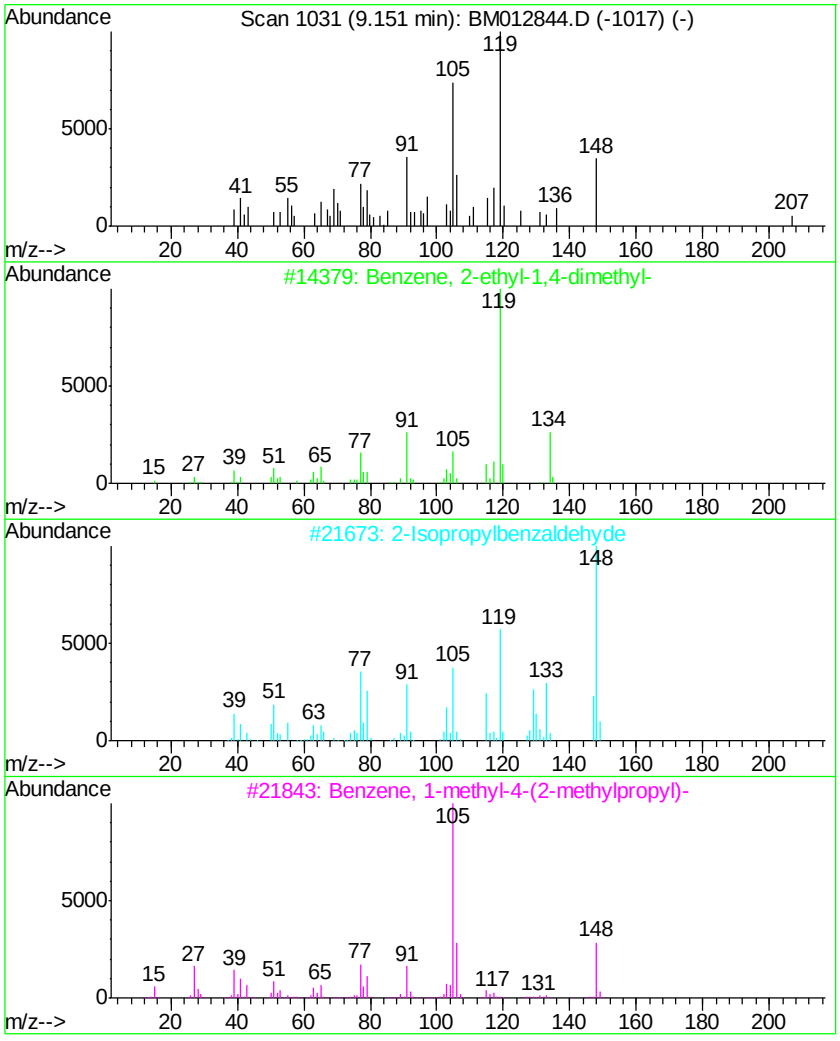
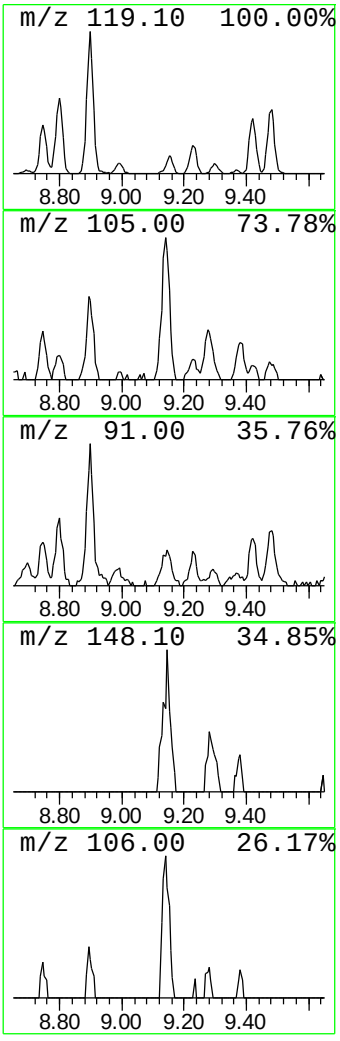
Peak Number 16 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.25 ng/ul	137119	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
2	2-Isopropylbenzaldehyde	148	C10H12O	006502-22-3	46
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
4	2-Butanone, 3-phenyl-	148	C10H12O	000769-59-5	41
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38





Library Search Compound Report

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Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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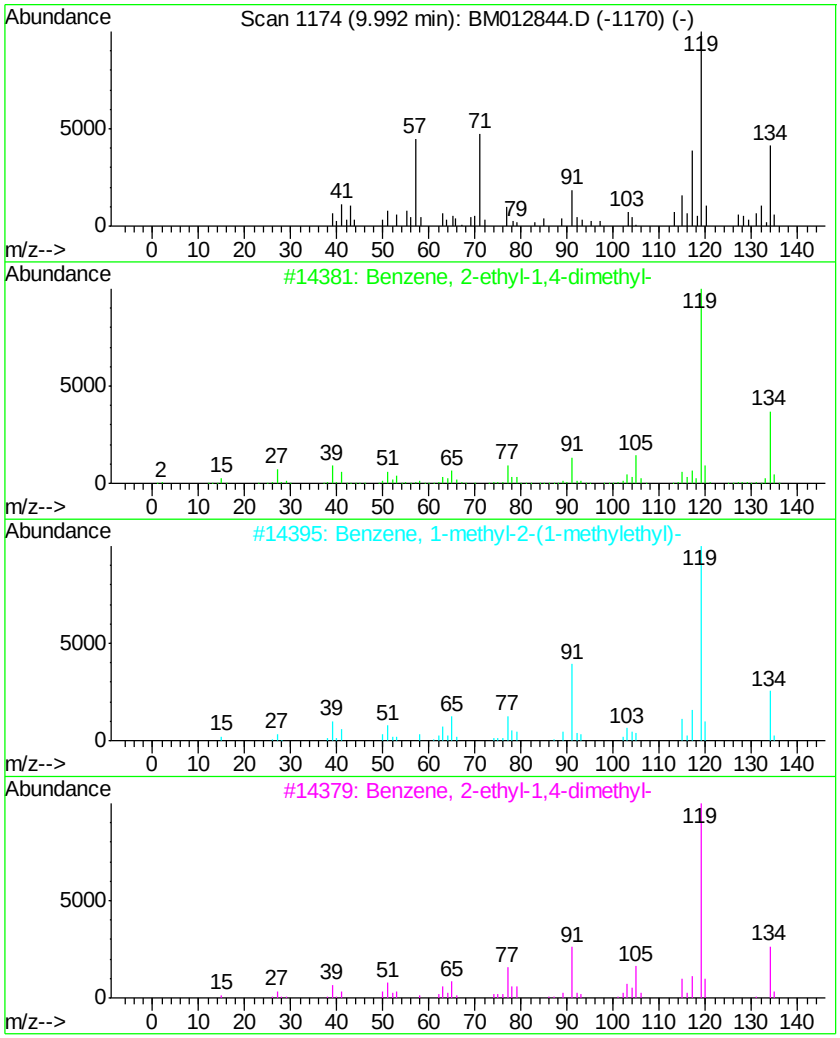
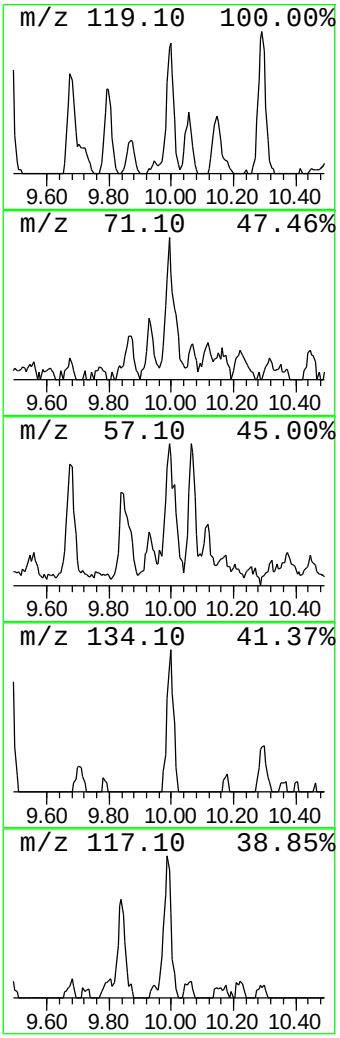
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	2.31 ng/ul	136296	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49





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Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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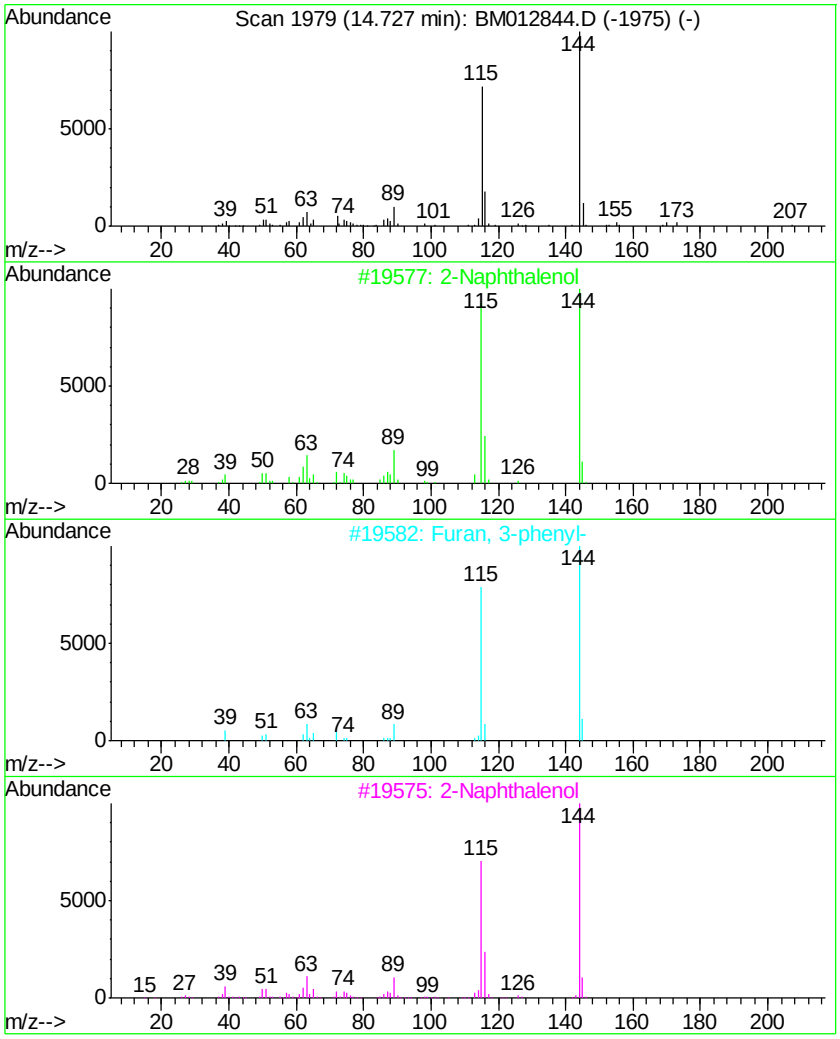
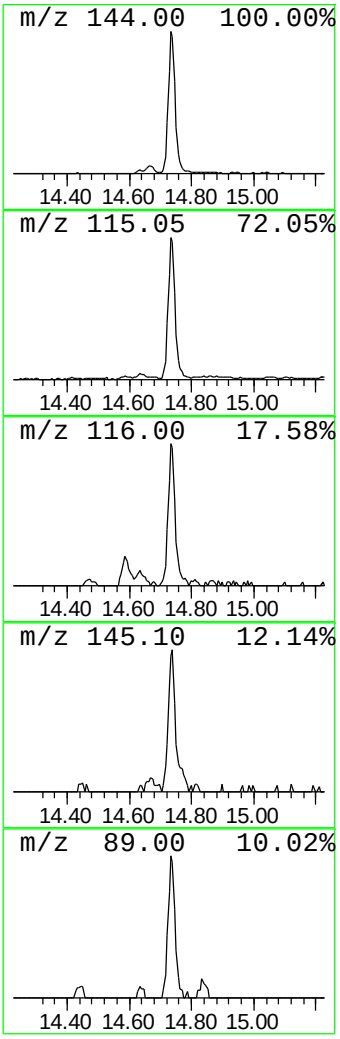
Peak Number 18 2-Naphthalenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.70 ng/ul	362356	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	94
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	91
3	2-Naphthalenol	144	C10H8O	000135-19-3	91
4	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	90
5	2-Naphthalenol	144	C10H8O	000135-19-3	87





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Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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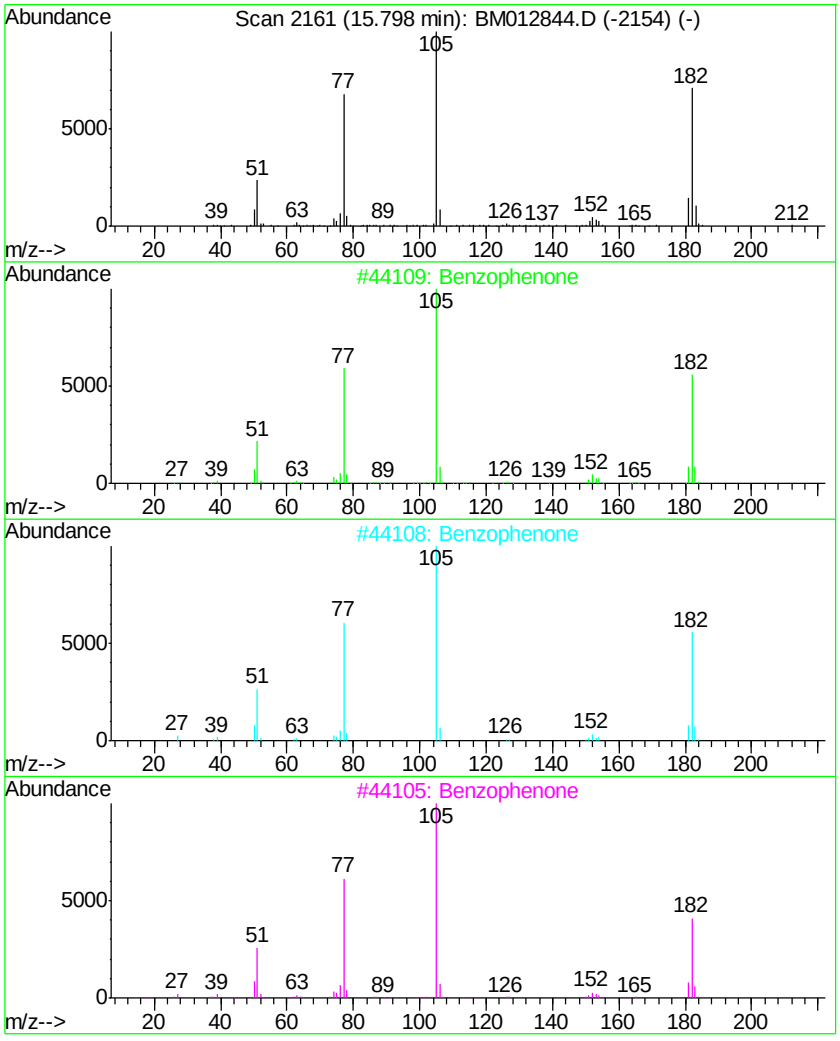
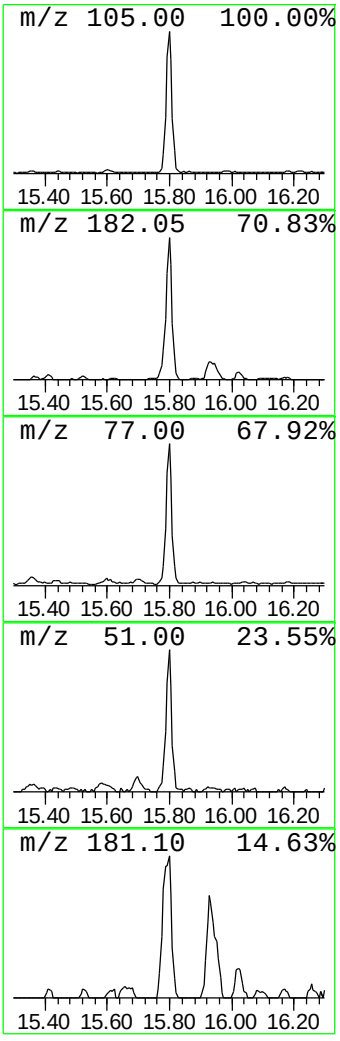
Peak Number 19 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.28 ng/ul	407170	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	87





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Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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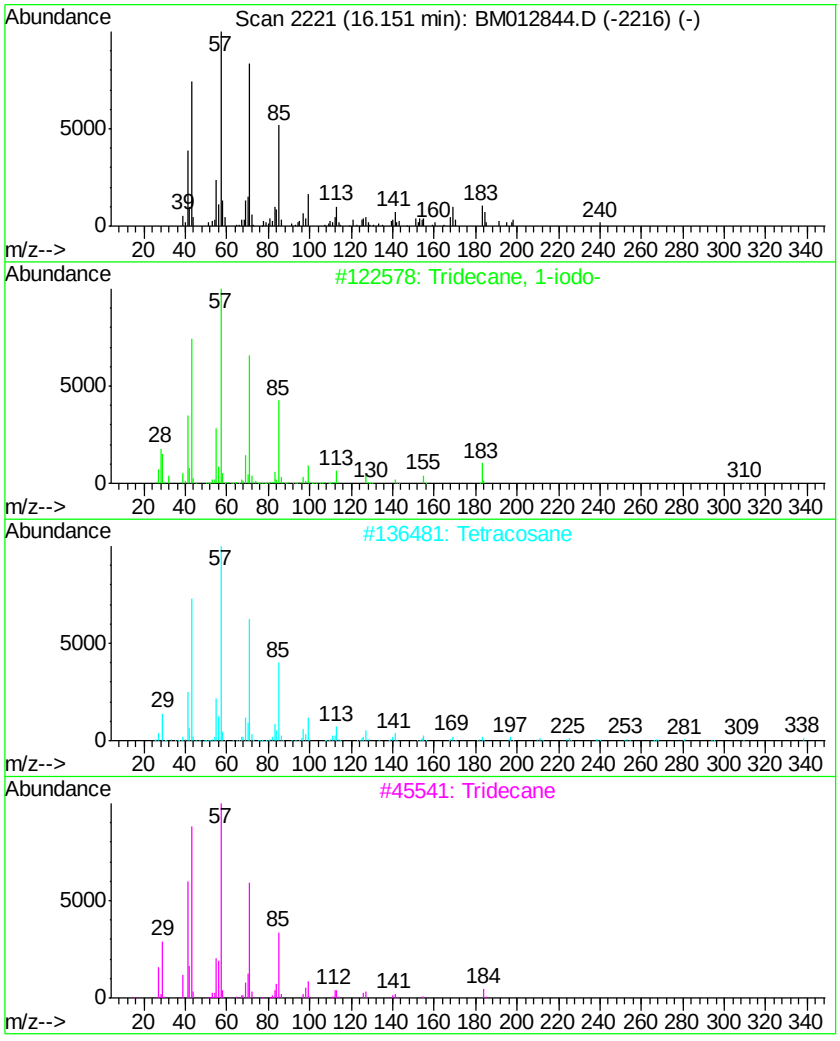
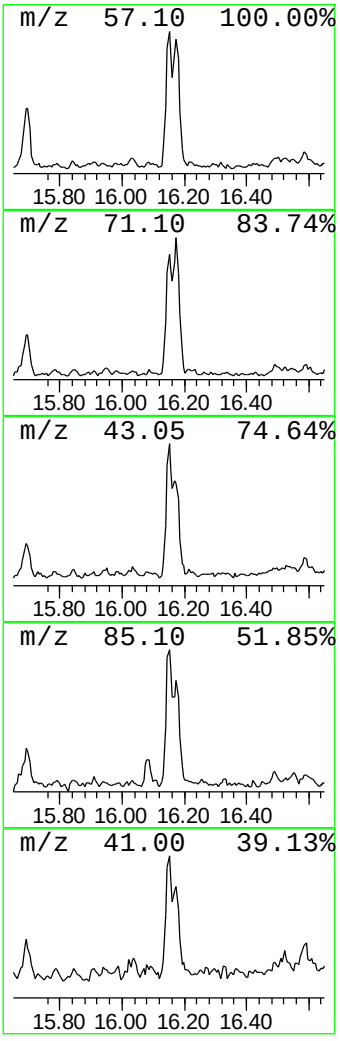
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.06 ng/ul	171550	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tetracosane	338	C24H50	000646-31-1	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetradecane	198	C14H30	000629-59-4	81
5	Hexadecane	226	C16H34	000544-76-3	80





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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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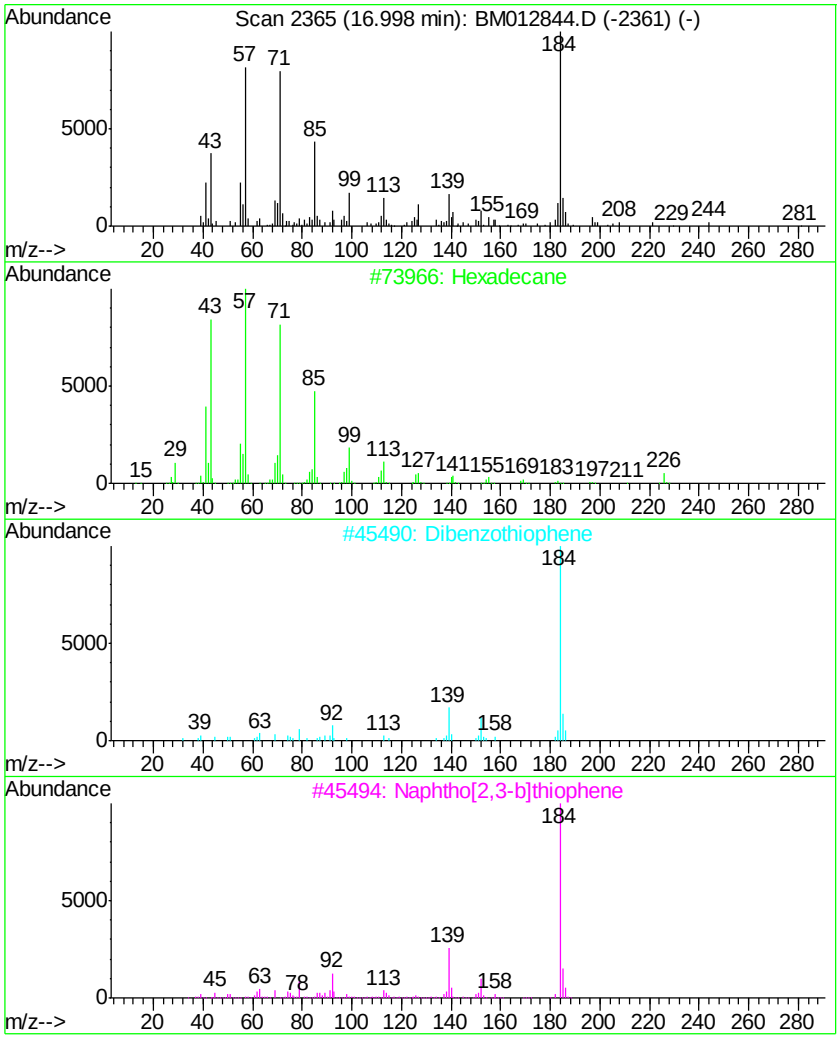
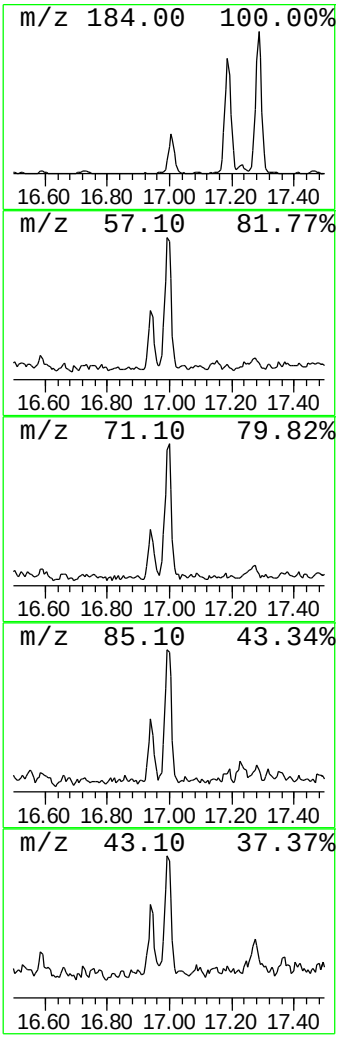
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.25 ng/ul	187517	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Dibenzothiophene	184	C12H8S	000132-65-0	42
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	42
4	Dibenzothiophene	184	C12H8S	000132-65-0	42
5	Dibenzothiophene	184	C12H8S	000132-65-0	42





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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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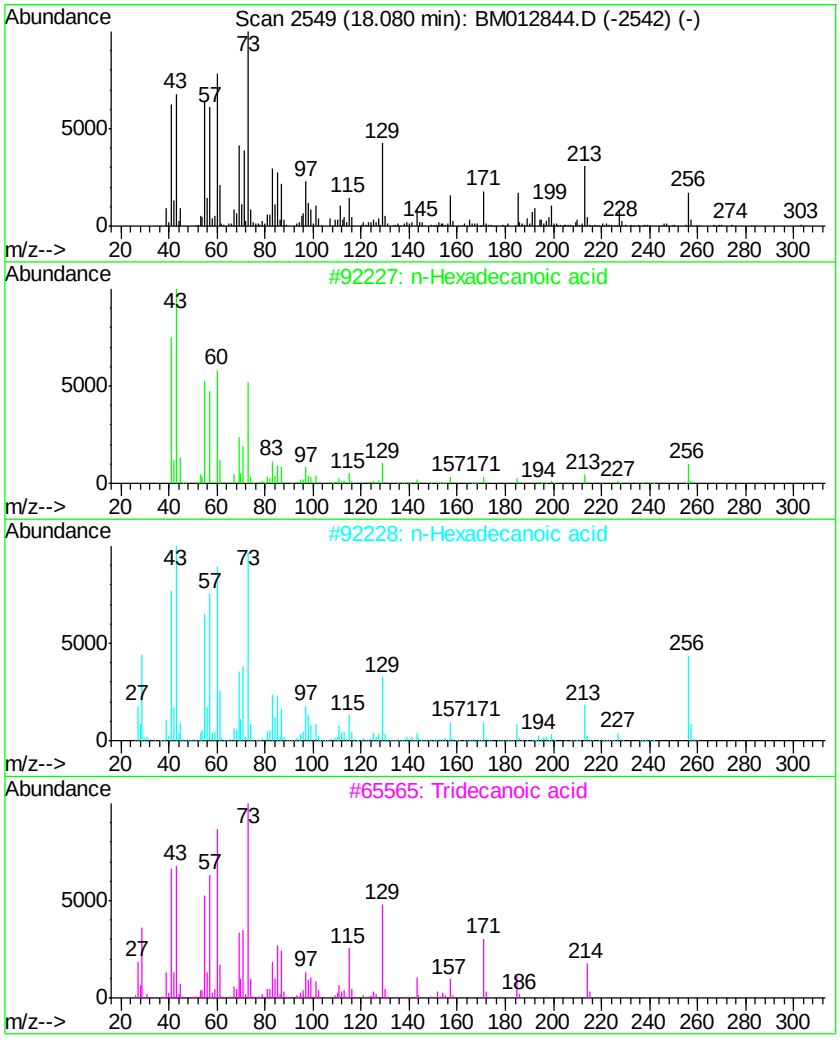
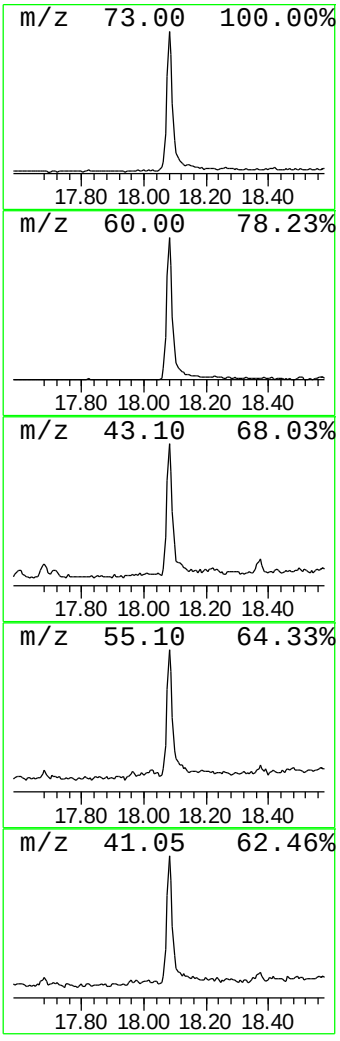
Peak Number 22 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	11.23 ng/ul	935786	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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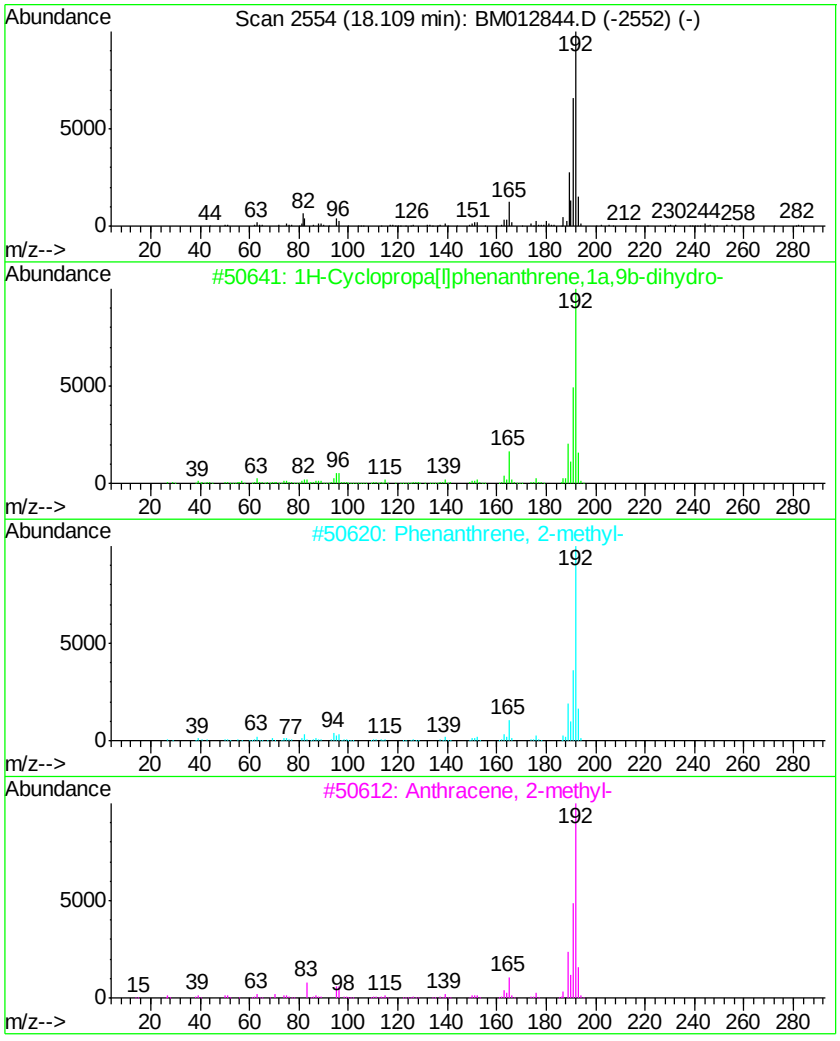
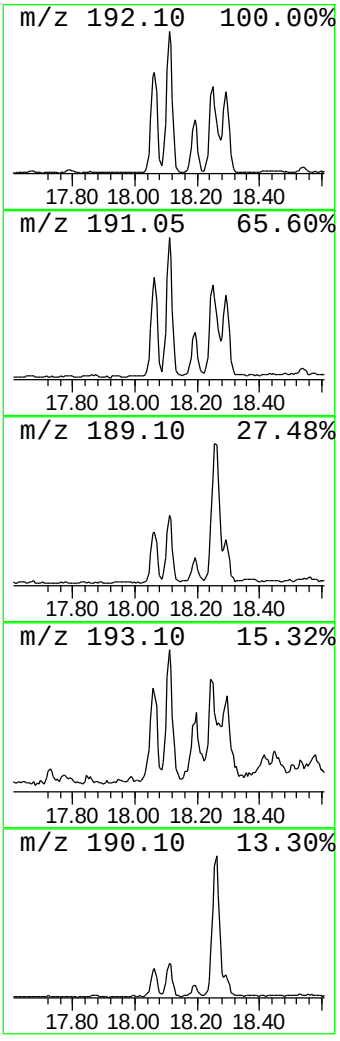
Peak Number 23 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.27 ng/ul	355971	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

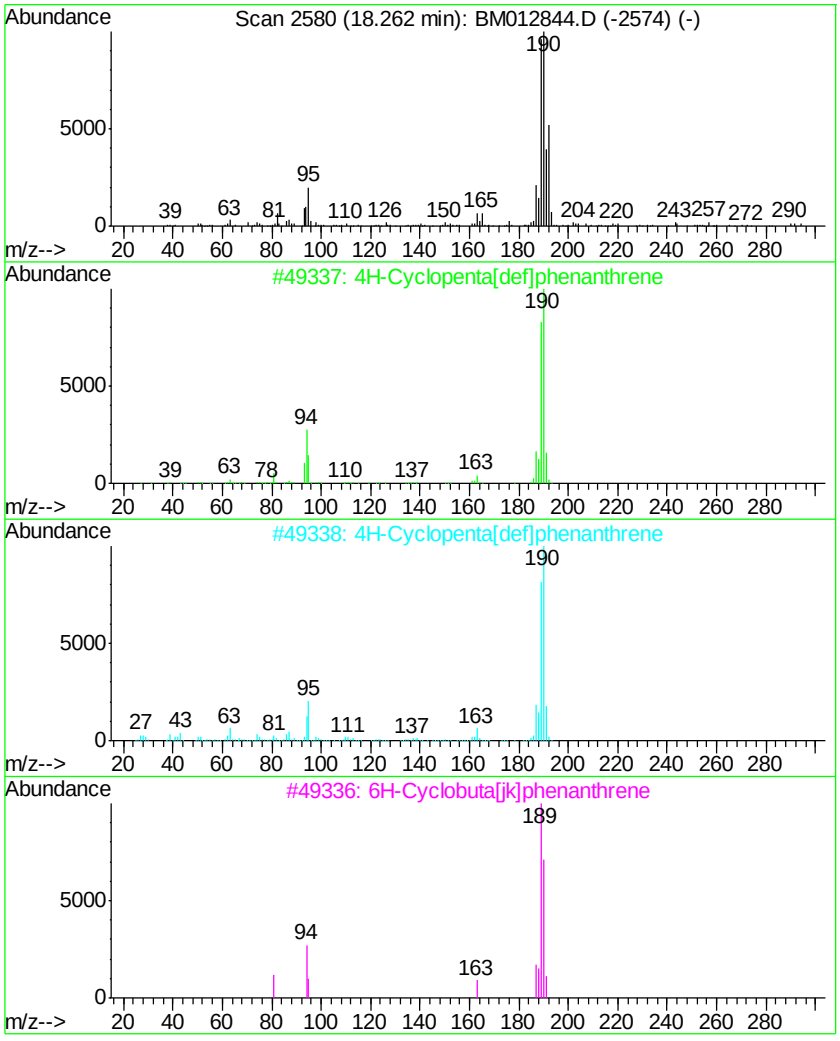
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

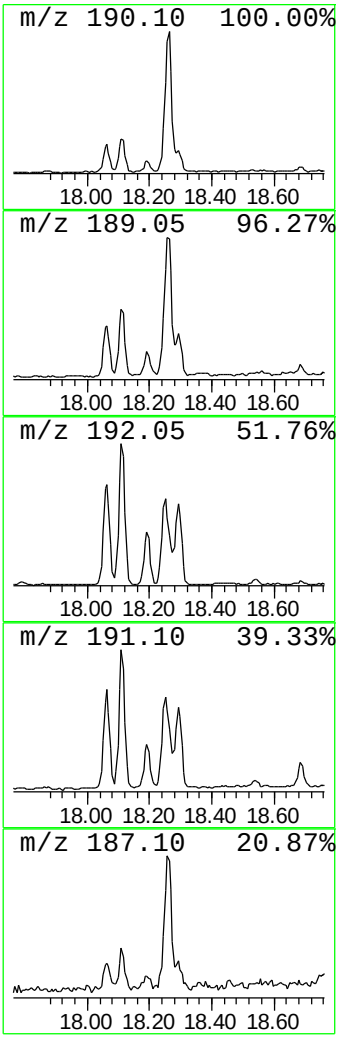
****

Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.81 ng/ul	484400	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38





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Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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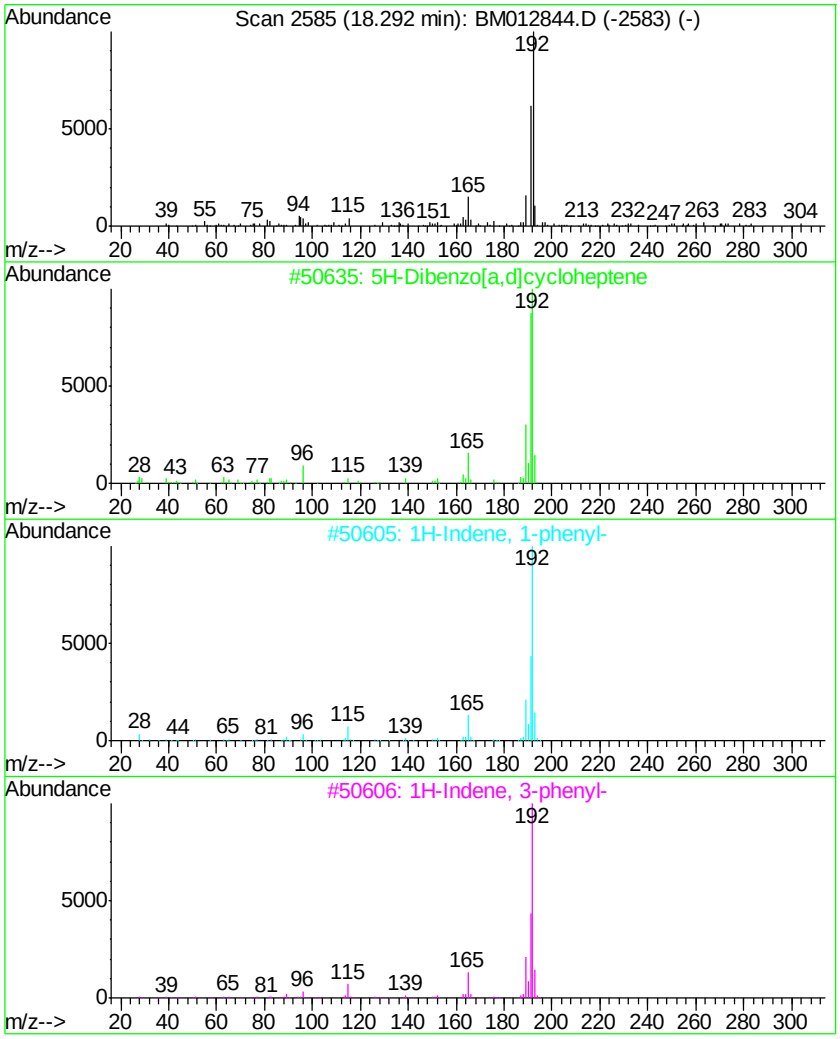
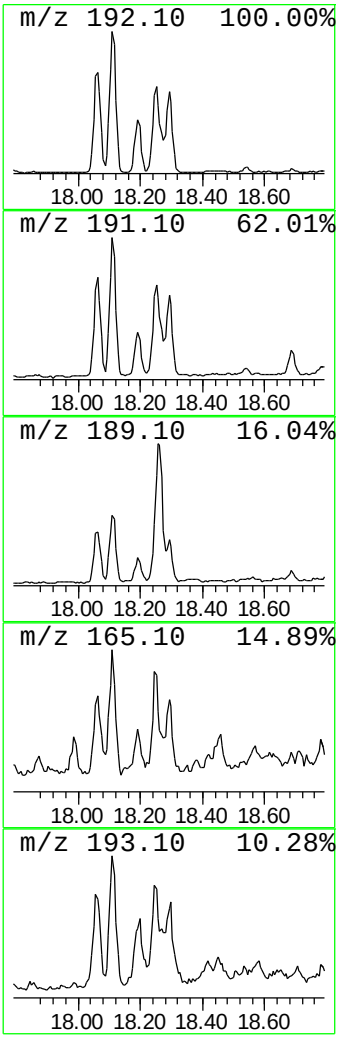
Peak Number 25 5H-Dibenzo[a,d]cycloheptene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.37 ng/ul	197336	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
3	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	74





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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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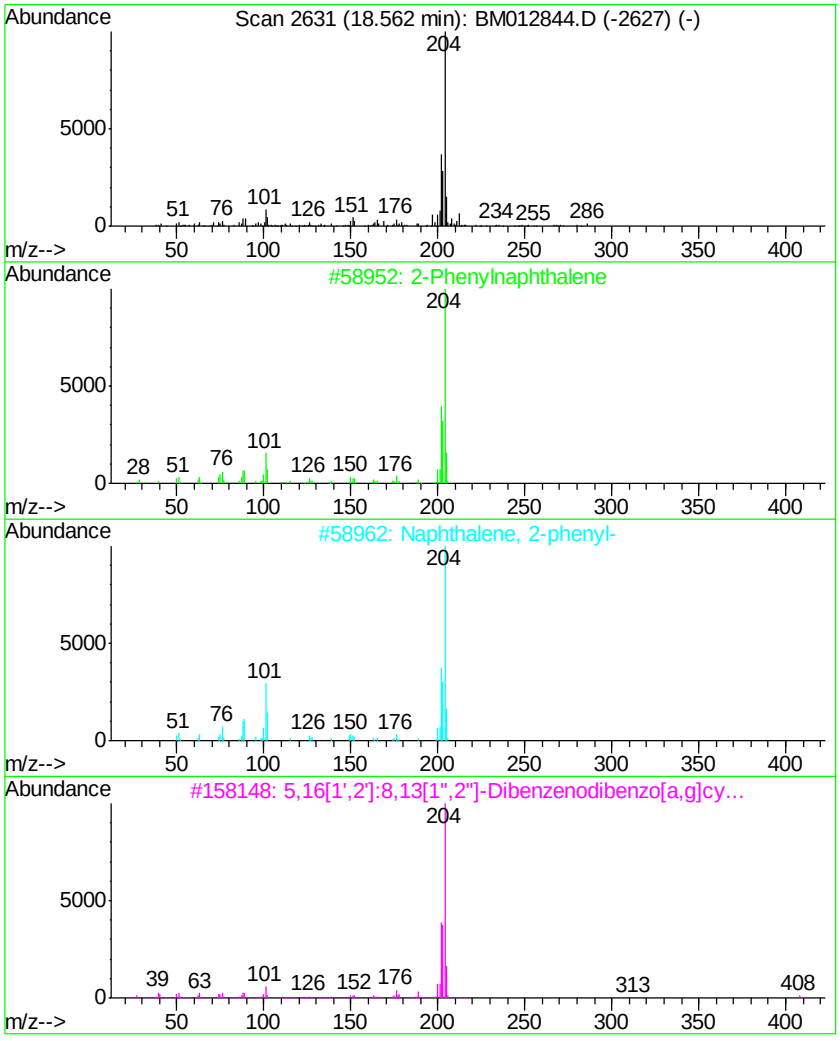
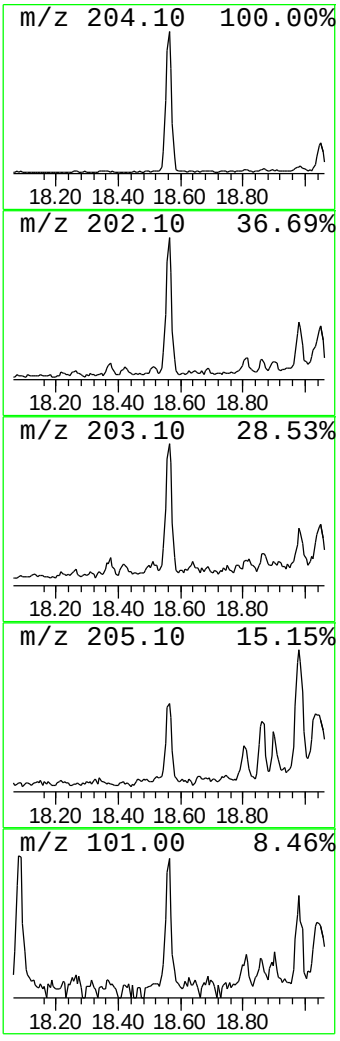
Peak Number 26 2-Phenylnaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.17 ng/ul	180544	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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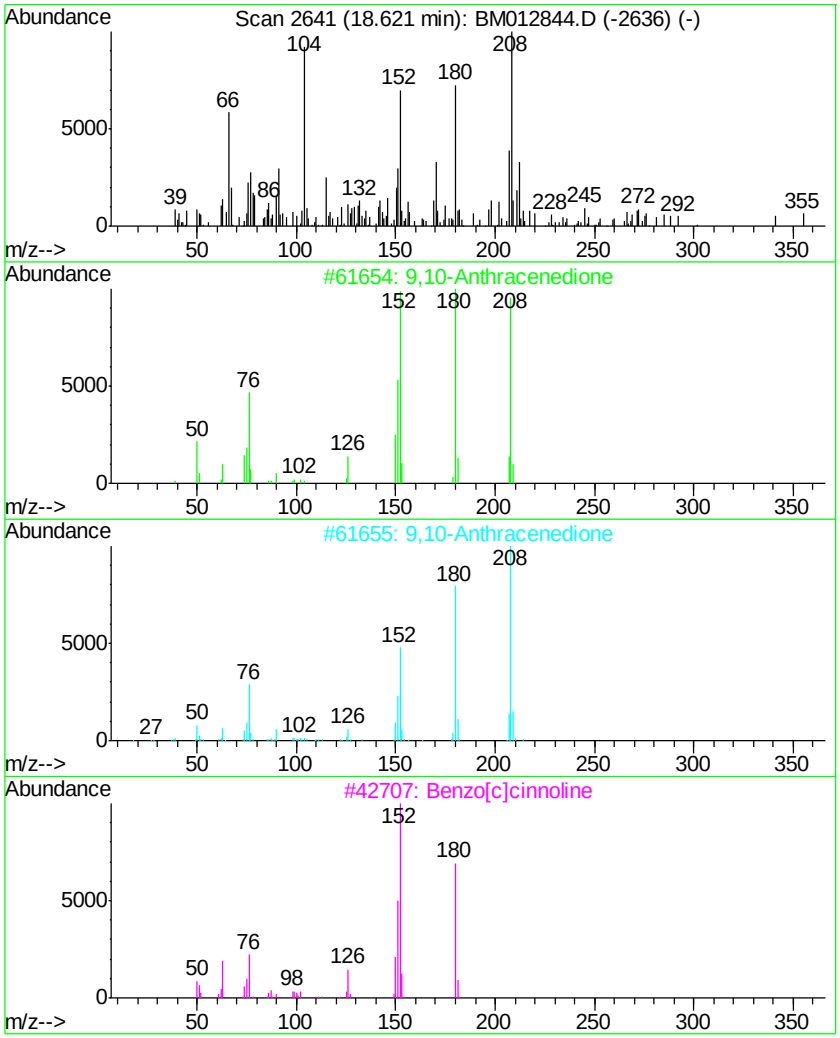
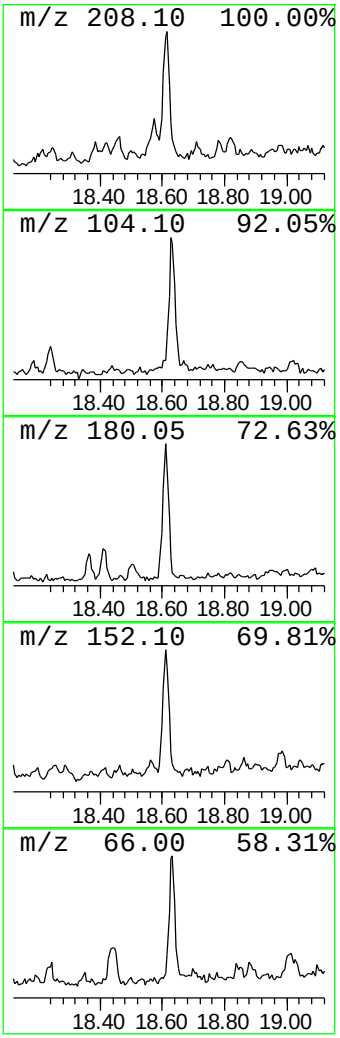
Peak Number 27 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.42 ng/ul	201477	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





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Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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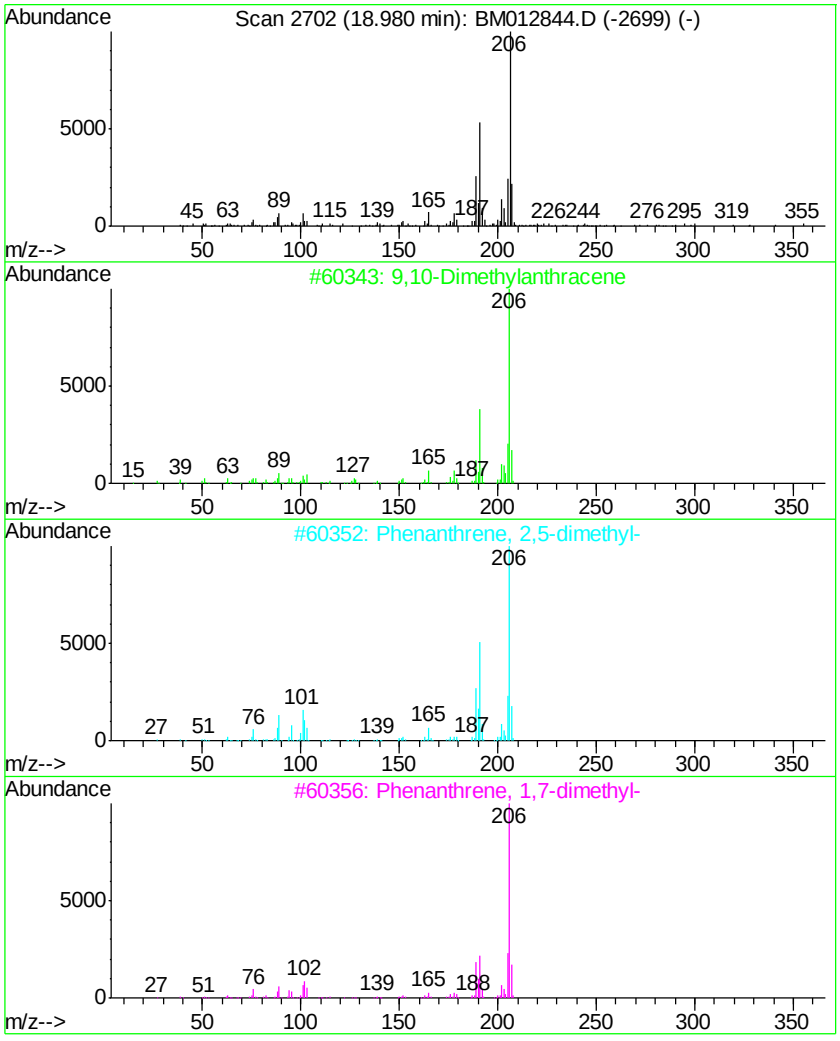
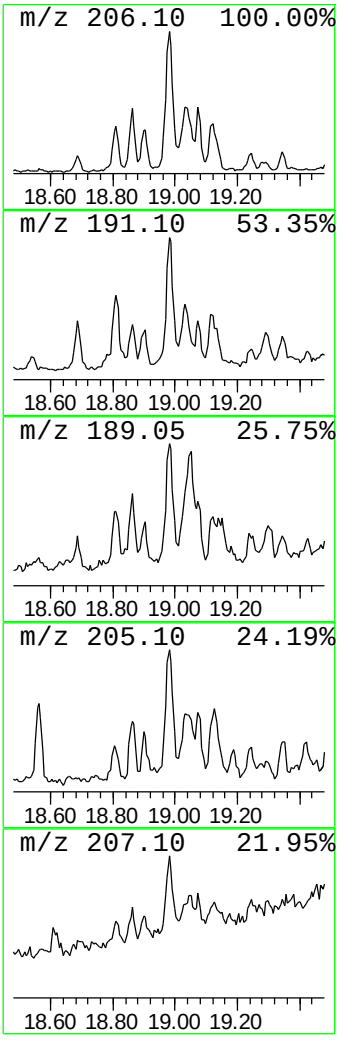
Peak Number 28 9,10-Dimethylanthracene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.94 ng/ul	245111	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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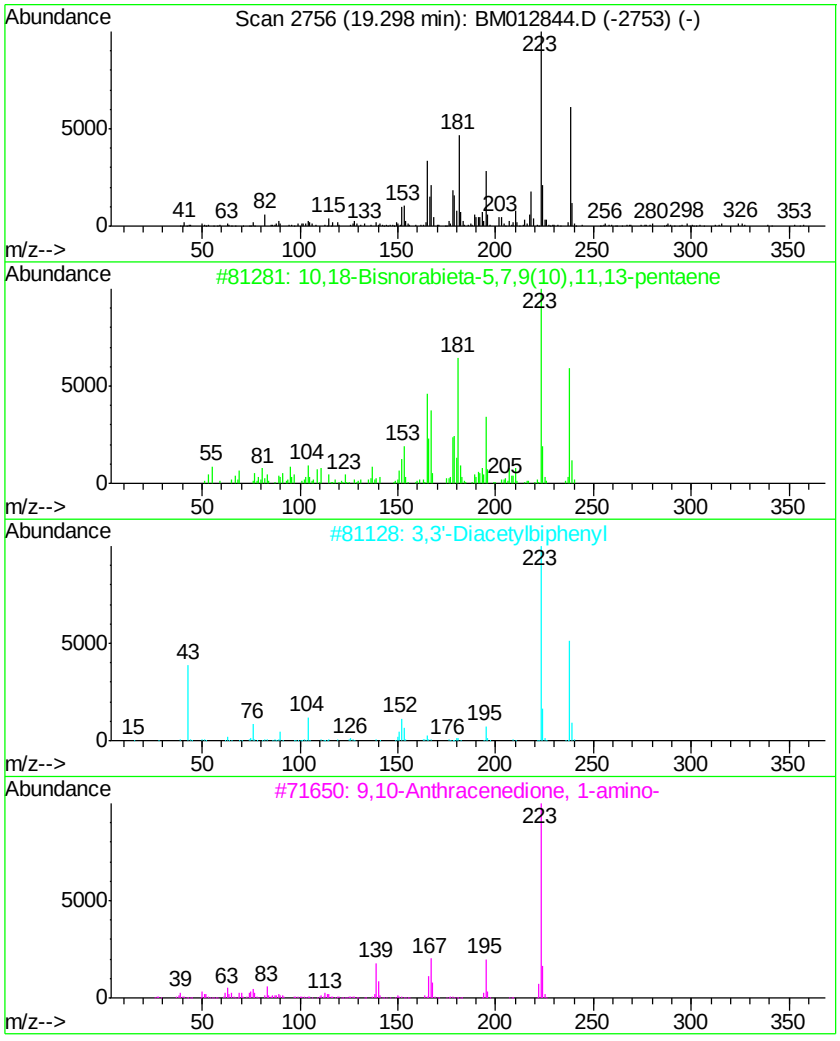
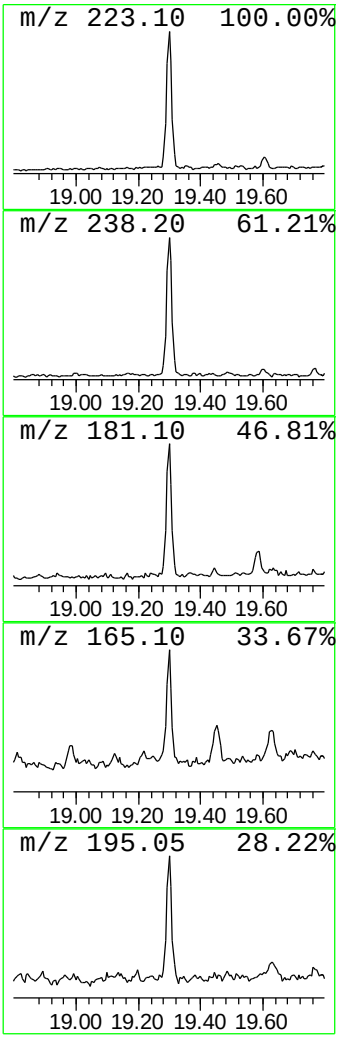
Peak Number 29 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.13 ng/ul	359929	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	70
2	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	53
3	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49





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Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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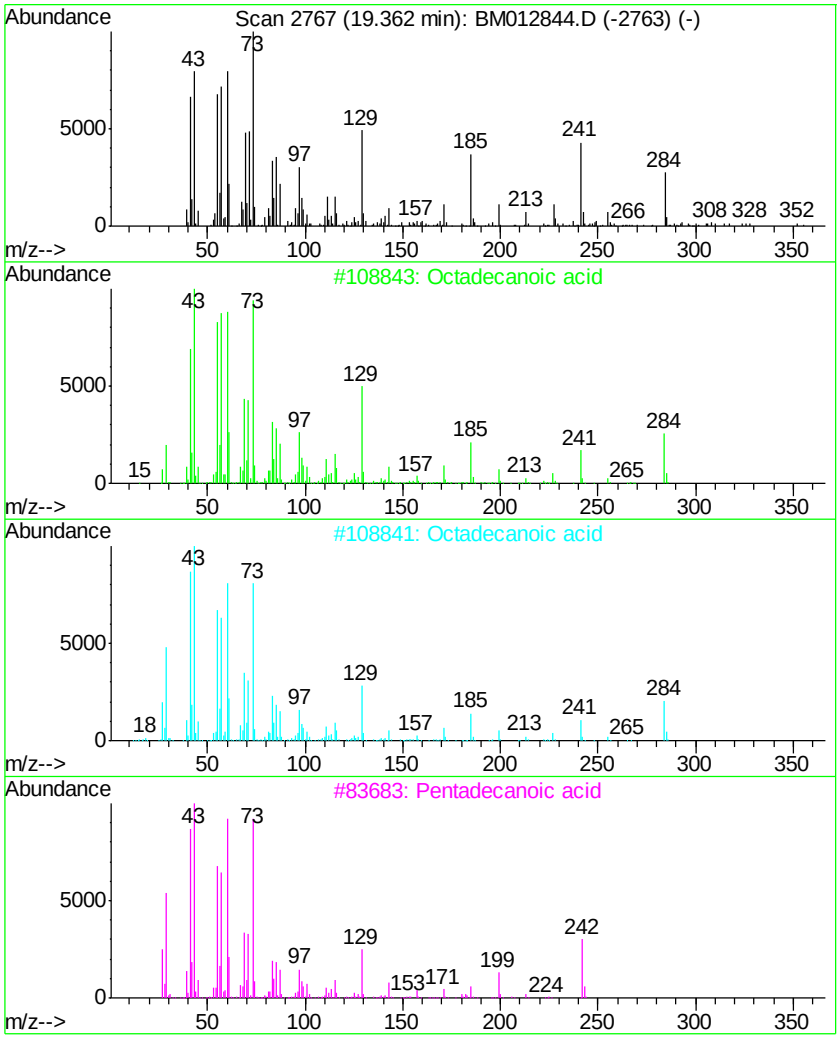
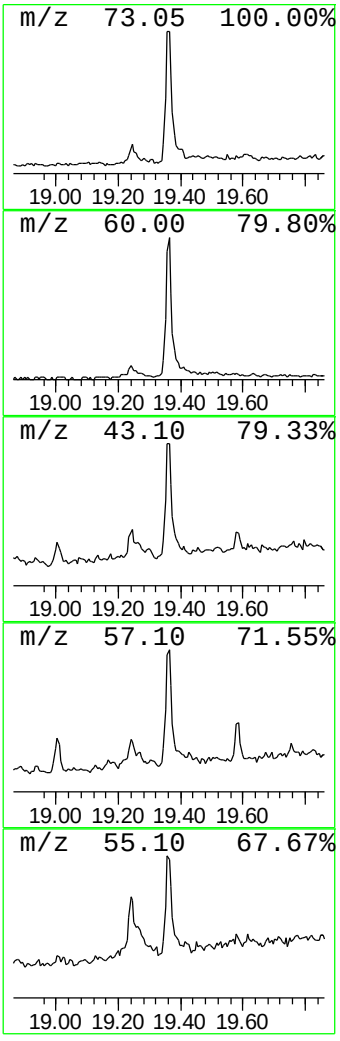
Peak Number 30 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.30 ng/ul	558456	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	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
Acq On : 09 Nov 2017 09:07
Operator : SJ/JU
Sample : I6096-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(1-3)-102317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.45	19.8	ng/ul	837561	1	7.80	844492	20.0
Benzene, propyl-	6.79	4.6	ng/ul	194031	1	7.80	844492	20.0
Benzene, 1-ethyl-...	6.89	12.0	ng/ul	505637	1	7.80	844492	20.0
Benzene, (1-methy...	7.19	5.2	ng/ul	217981	1	7.80	844492	20.0
(DEL) Alkane: Str...	7.42	18.9	ng/ul	798367	1	7.80	844492	20.0
Benzene, 1,2,3-tr...	7.45	16.4	ng/ul	691472	1	7.80	844492	20.0
Benzene, 1-methyl...	8.35	7.3	ng/ul	306987	1	7.80	844492	20.0
Benzene, 1,2-diet...	8.43	8.3	ng/ul	351577	1	7.80	844492	20.0
Benzene, 1-methyl...	8.80	2.2	ng/ul	93818	1	7.80	844492	20.0
(DEL) Alkane: Str...	9.02	22.8	ng/ul	964389	1	7.80	844492	20.0
unknown-01	9.15	3.3	ng/ul	137119	1	7.80	844492	20.0
Benzene, 2-ethyl-...	9.99	2.3	ng/ul	136296	2	10.59	1179580	20.0
2-Naphthalenol	14.73	4.7	ng/ul	362356	3	14.44	1541640	20.0
Benzophenone	15.80	5.3	ng/ul	407170	3	14.44	1541640	20.0
Tridecane, 1-iodo-	16.15	2.1	ng/ul	171550	4	17.19	1666230	20.0
(DEL) Alkane: Str...	17.00	2.3	ng/ul	187517	4	17.19	1666230	20.0
n-Hexadecanoic acid	18.08	11.2	ng/ul	935786	4	17.19	1666230	20.0
1H-Cyclopropa[l]p...	18.11	4.3	ng/ul	355971	4	17.19	1666230	20.0
4H-Cyclopenta[def...	18.26	5.8	ng/ul	484400	4	17.19	1666230	20.0
5H-Dibenzo[a,d]cy...	18.29	2.4	ng/ul	197336	4	17.19	1666230	20.0
2-Phenylnaphthalene	18.56	2.2	ng/ul	180544	4	17.19	1666230	20.0
9,10-Anthracenedione	18.62	2.4	ng/ul	201477	4	17.19	1666230	20.0
9,10-Dimethylanth...	18.98	2.9	ng/ul	245111	4	17.19	1666230	20.0
10,18-Bisnorabiet...	19.30	2.1	ng/ul	359929	5	21.37	3382460	20.0
Octadecanoic acid	19.36	3.3	ng/ul	558456	5	21.37	3382460	20.0