LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.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	3.352	109	113	123	rBV	105406	141501	1.16%	0.158%
2	3.746	173	180	191	rVB	70217	101832	0.83%	0.114%
3	5.063	399	404	412	rBB	57448	82506	0.67%	0.092%
4	5.193	421	426	438	rBB	150953	338387	2.77%	0.378%
5	5.563	480	489	496	rBB	91372	142890	1.17%	0.160%
6	6.528	647	653	662	rBV2	80546	123097	1.01%	0.138%
7	6.640	666	672	676	rBV	82938	121233	0.99%	0.135%
8	6.698	676	682	685	rVV	55977	91695	0.75%	0.102%
9	6.740	685	689	692	rVV	112292	183098	1.50%	0.205%
10	6.769	692	694	701	rVB	59582	82018	0.67%	0.092%
11	6.893	709	715	719	rBV	86586	130752	1.07%	0.146%
12	6.934	719	722	729	rVB	39281	57925	0.47%	0.065%
13	7.087	741	748	756	rVB	123582	196733	1.61%	0.220%
14	7.198	757	767	773	rBB	222981	346859	2.83%	0.387%
15	7.551	817	827	835	rBV	300480	483808	3.95%	0.540%
16	8.034	904	909	914	rBV	45366	67809	0.55%	0.076%
17	8.187	929	935	940	rBV2	85359	134823	1.10%	0.151%
18	8.269	945	949	957	rVV	146232	238243	1.95%	0.266%
19	8.645	1005	1013	1019	rBV	119614	181503	1.48%	0.203%
20	8.716	1019	1025	1031	rBV	116743	194820	1.59%	0.218%
21	9.169	1097	1102	1107	rBV	76517	117101	0.96%	0.131%
22	9.434	1139	1147	1157	rBB3	127601	229176	1.87%	0.256%
23	9.969	1233	1238	1245	rVV	158616	262658	2.15%	0.293%
24	10.339	1290	1301	1306	rBV	419606	701217	5.73%	0.783%
25	10.392	1306	1310	1316	rVV2	68199	117366	0.96%	0.131%
26	10.486	1320	1326	1335	rVV	83343	149281	1.22%	0.167%
27	12.016	1578	1586	1592	rVB	46809	73724	0.60%	0.082%
28	12.239	1616	1624	1630	rBV	35148	55469	0.45%	0.062%
29	13.539	1839	1845	1849	rBV2	36593	61887	0.51%	0.069%
30	13.633	1856	1861	1866	rVV	312738	444394	3.63%	0.496%
31	13.680	1866	1869	1876	rVV	145265	221365	1.81%	0.247%
32	13.916	1903	1909	1921	rVB	315973	535803	4.38%	0.599%
33	14.221	1948	1961	1967	rBV2	636312	1023387	8.36%	1.143%
34	14.286	1967	1972	1980	rVB	323184	471887	3.86%	0.527%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	14.457	1993	2001	2007	rBV3	69351	125636	1.03%	0.140%
36	14.533	2007	2014	2019	rBV4	47102	79591	0.65%	0.089%
37	14.621	2024	2029	2038	rVB	186906	272890	2.23%	0.305%
38	14.839	2062	2066	2073	rBV5	26029	58297	0.48%	0.065%
39	15.010	2090	2095	2099	rBV6	30985	61602	0.50%	0.069%
40	15.221	2125	2131	2136	rVV	439590	640684	5.24%	0.716%
41	15.274	2136	2140	2145	rVB	286799	400402	3.27%	0.447%
42	15.363	2151	2155	2159	rBV2	120279	188474	1.54%	0.211%
43	15.398	2159	2161	2165	rVV	50984	68215	0.56%	0.076%
44	15.439	2165	2168	2171	rVV3	49422	72828	0.60%	0.081%
45	15.486	2171	2176	2180	rVV2	60223	106819	0.87%	0.119%
46	15.568	2186	2190	2198	rVB	85816	140764	1.15%	0.157%
47	15.715	2211	2215	2223	rVB	75144	151613	1.24%	0.169%
48	15.957	2249	2256	2261	rBV4	114941	227724	1.86%	0.254%
49	16.257	2301	2307	2309	rBV2	61404	110816	0.91%	0.124%
50	16.280	2309	2311	2316	rVV2	66455	92255	0.75%	0.103%
51	16.327	2316	2319	2325	rVB3	43610	74121	0.61%	0.083%
52	16.633	2366	2371	2377	rVB	152473	217719	1.78%	0.243%
53	16.727	2380	2387	2392	rVV4	77770	184175	1.51%	0.206%
54	16.792	2393	2398	2407	rVB2	224374	400880	3.28%	0.448%
55	16.980	2424	2430	2433	rBV	787819	1218924	9.96%	1.362%
56	17.027	2433	2438	2442	rVV	3565898	4904260	40.08%	5.478%
57	17.080	2442	2447	2449	rVV	509671	749427	6.13%	0.837%
58	17.110	2449	2452	2457	rVB	728821	915083	7.48%	1.022%
59	17.168	2457	2462	2467	rBV2	86980	163572	1.34%	0.183%
60	17.357	2491	2494	2495	rBV	59517	66723	0.55%	0.075%
61	17.386	2495	2499	2506	rVB	393091	545849	4.46%	0.610%
62	17.557	2525	2528	2535	rVB3	80301	124390	1.02%	0.139%
63	17.851	2574	2578	2581	rBV	317524	412944	3.38%	0.461%
64	17.898	2582	2586	2592	rVB	509942	782258	6.39%	0.874%
65	17.980	2596	2600	2604	rVV	220892	331924	2.71%	0.371%
66	18.045	2606	2611	2614	rVV2	679662	1126664	9.21%	1.259%
67	18.086	2614	2618	2626	rVB	1199155	1671409	13.66%	1.867%
68	18.262	2642	2648	2655	rBV	5970892	8293684	67.79%	9.265%
69	18.362	2661	2665	2668	rBV	262727	341352	2.79%	0.381%
70	18.409	2669	2673	2675	rBV	392596	487944	3.99%	0.545%
71	18.462	2675	2682	2686	rVB	8578253	12235162	100.00%	13.668%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	18.598	2701	2705	2710	rBV2	596978	738455	6.04%	0.825%
73	18.739	2725	2729	2732	rVB	389406	480609	3.93%	0.537%
74	19.056	2777	2783	2787	rBV	4757404	6310180	51.57%	7.049%
75	19.104	2787	2791	2796	rVV	1176578	1465854	11.98%	1.637%
76	19.192	2803	2806	2811	rVB2	275129	357480	2.92%	0.399%
77	19.392	2835	2840	2841	rBV3	1228037	1785684	14.59%	1.995%
78	19.421	2841	2845	2852	rVV	3857261	5353107	43.75%	5.980%
79	19.486	2853	2856	2861	rVB3	171888	233203	1.91%	0.261%
80	19.639	2879	2882	2889	rVB2	267354	534559	4.37%	0.597%
81	20.015	2943	2946	2949	rVB	325501	359946	2.94%	0.402%
82	20.868	3088	3091	3094	rBV2	342303	376084	3.07%	0.420%
83	21.097	3127	3130	3135	rBV2	397589	477498	3.90%	0.533%
84	21.174	3139	3143	3148	rVV3	2348163	4372502	35.74%	4.884%
85	21.227	3149	3152	3160	rVB	1878729	2317029	18.94%	2.588%
86	21.333	3168	3170	3176	rVB3	636317	835936	6.83%	0.934%
87	21.680	3226	3229	3232	rBV2	621109	751874	6.15%	0.840%
88	21.756	3240	3242	3250	rVB2	611026	830739	6.79%	0.928%
89	21.827	3251	3254	3259	rVV3	1072398	1323765	10.82%	1.479%
90	21.980	3277	3280	3282	rBV3	525202	579265	4.73%	0.647%
91	22.203	3316	3318	3323	rVB2	767912	882682	7.21%	0.986%
92	22.692	3398	3401	3404	rBV	513065	789045	6.45%	0.881%
93	22.733	3404	3408	3429	rVB	1473099	4520738	36.95%	5.050%
94	23.197	3482	3487	3490	rBV	569628	992231	8.11%	1.108%
95	23.239	3491	3494	3498	rVV2	842878	1268039	10.36%	1.417%
96	23.291	3498	3503	3508	rVB	1084274	1782543	14.57%	1.991%
97	23.380	3514	3518	3523	rBV	501364	791803	6.47%	0.885%
98	23.862	3595	3600	3605	rVB	567801	1041277	8.51%	1.163%
99	24.580	3717	3722	3729	rVB	308273	622057	5.08%	0.695%
100	25.580	3885	3892	3904	rVB2	496923	1391162	11.37%	1.554%

Sum of corrected areas: 89518667

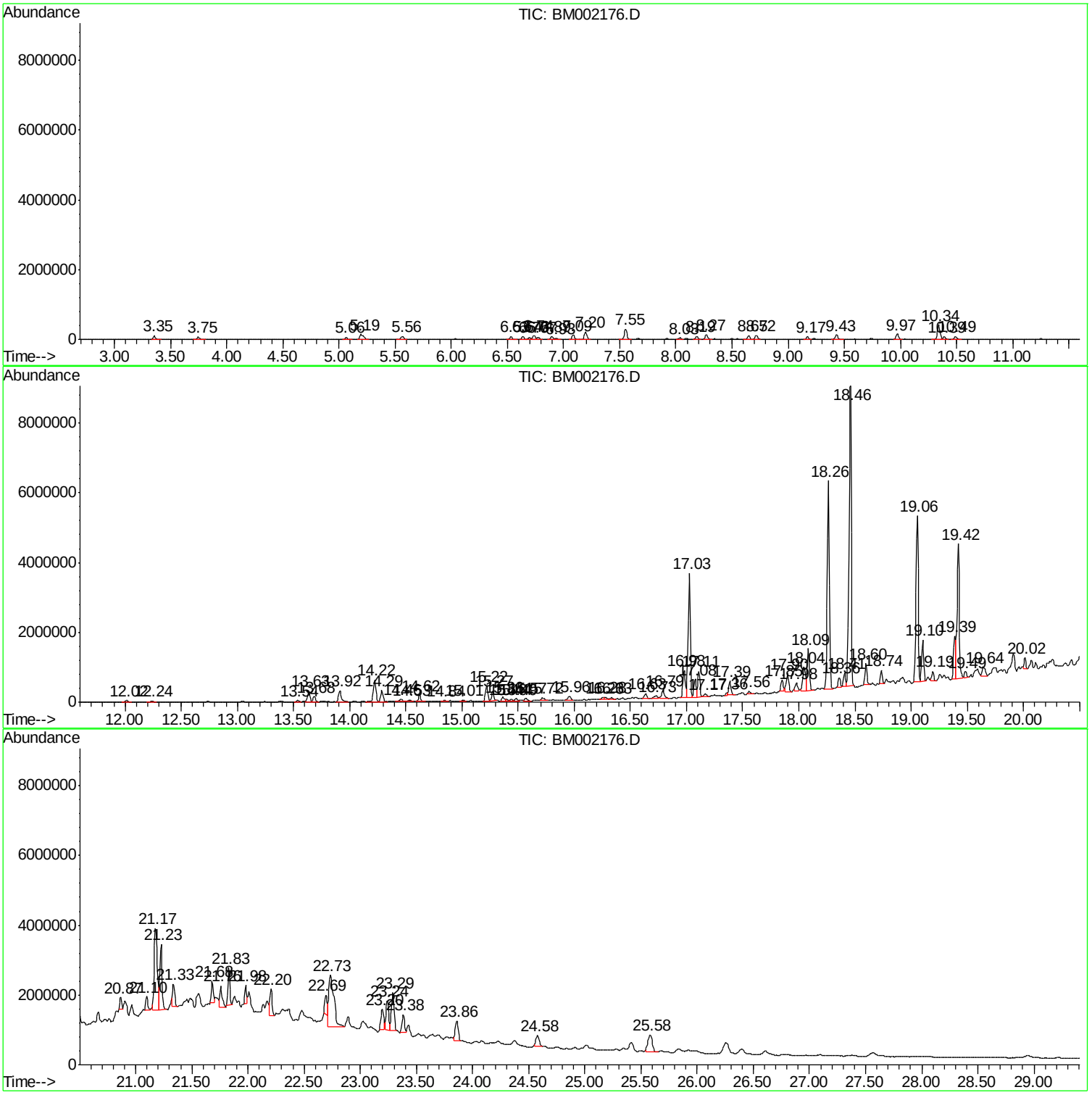
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

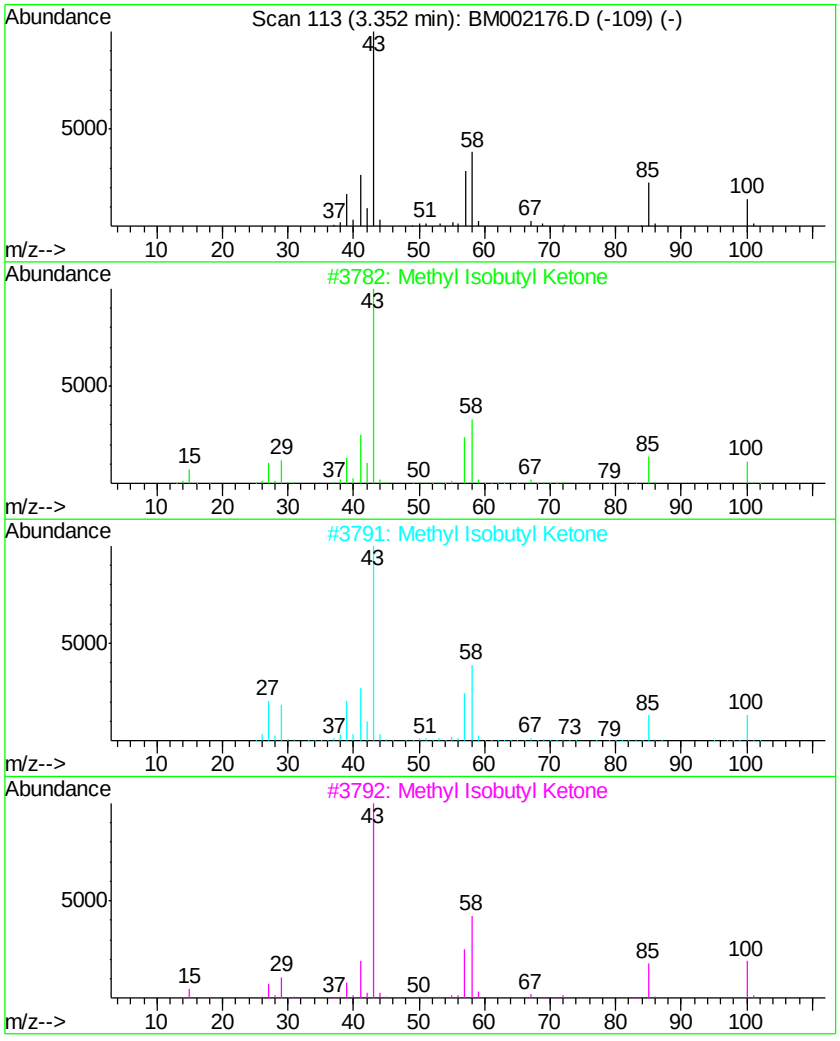
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

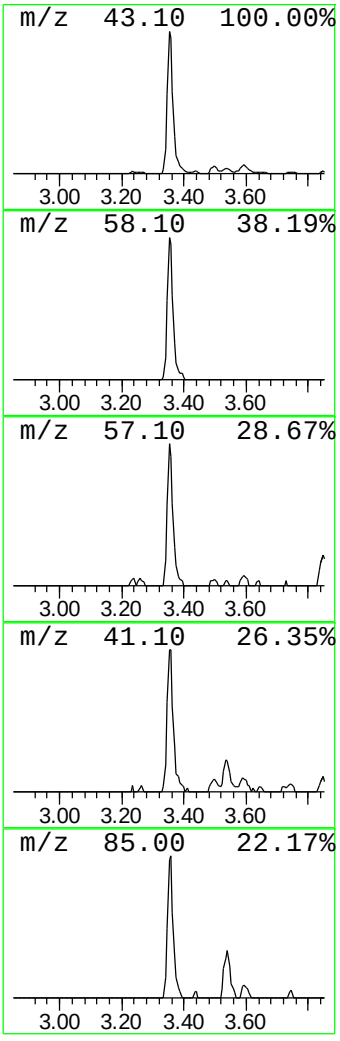
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	5.85 ng/ul	141501	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
4	2-Hexanone	100	C6H12O	000591-78-6	58
5	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

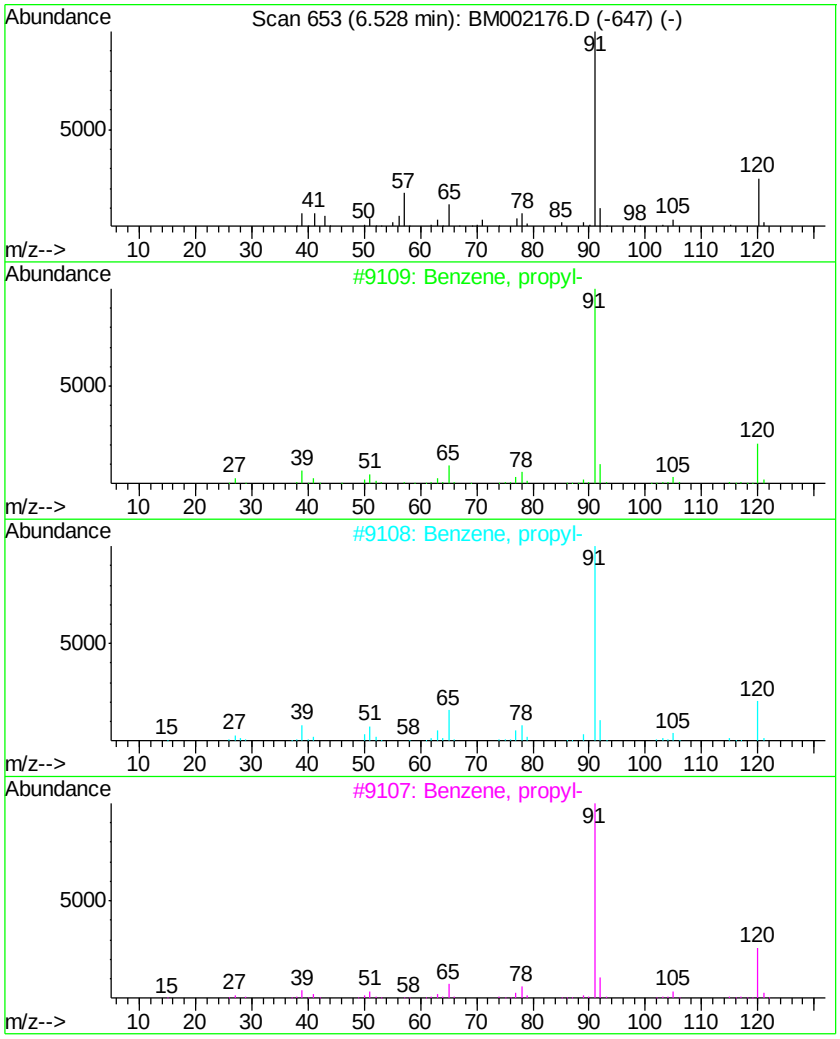
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

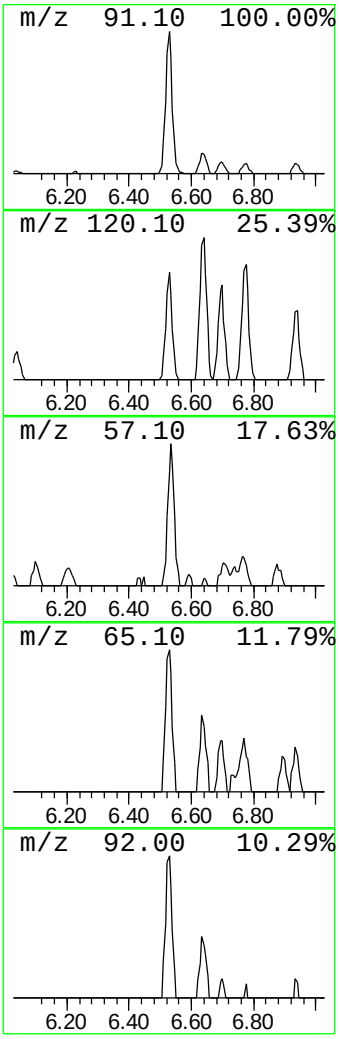
****

Peak Number 6 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	5.09 ng/ul	123097	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

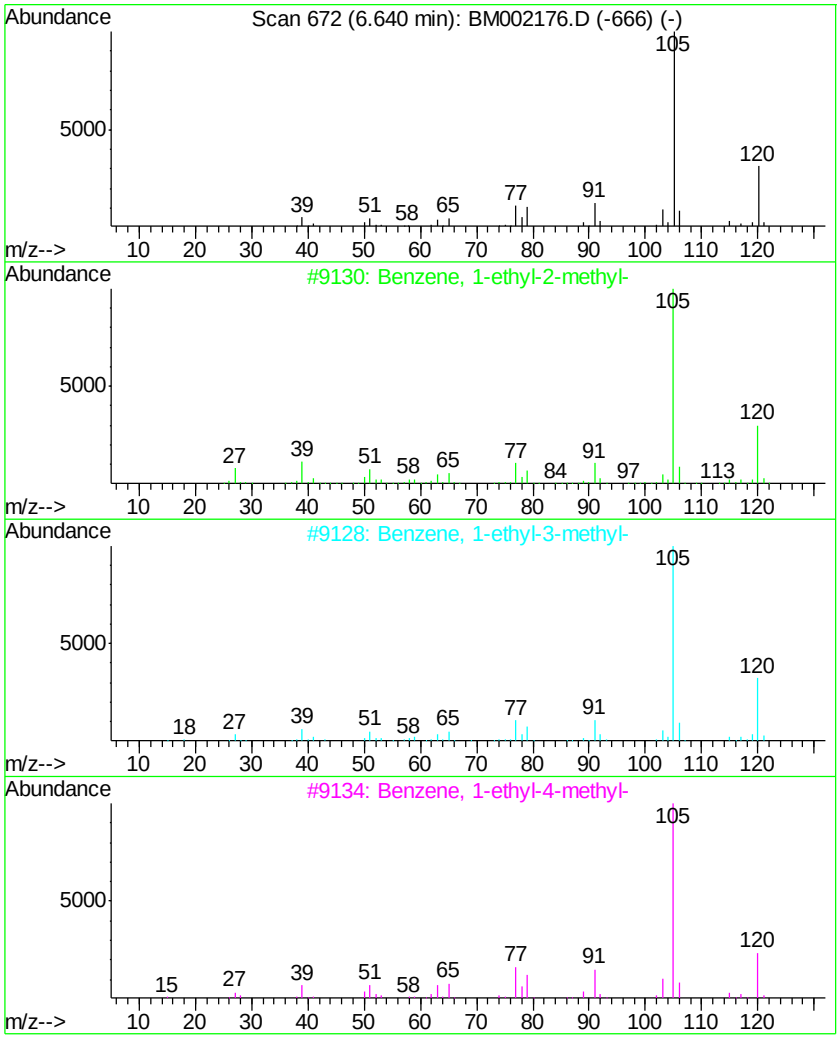
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

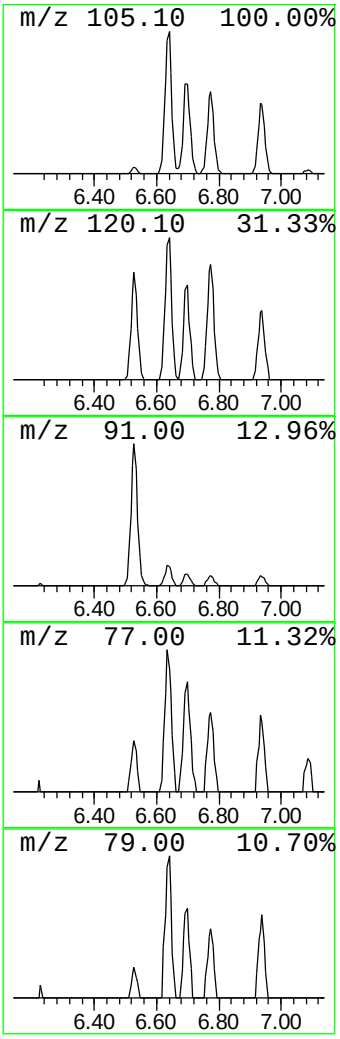
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	5.01 ng/ul	121233	1,4-Dichlorobenzene-d4	7.55

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-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

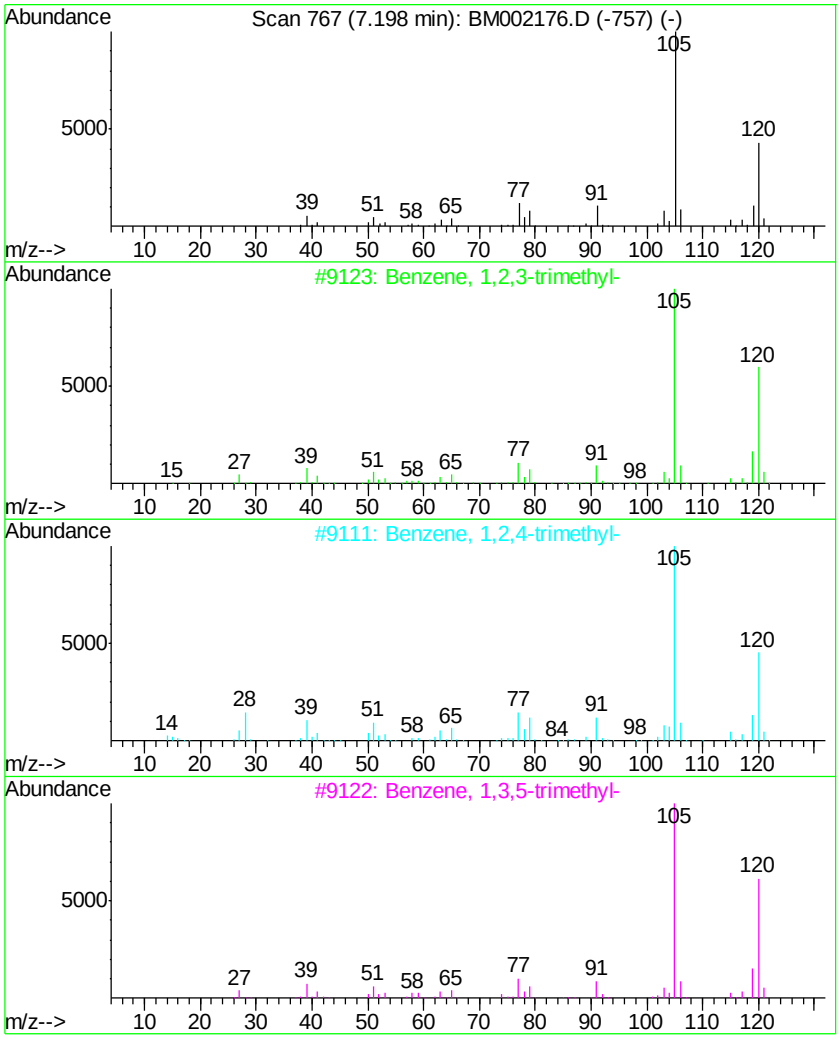
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

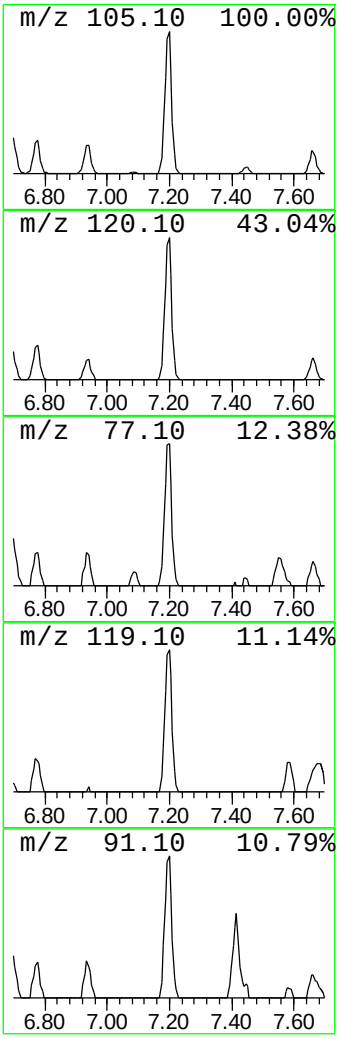
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	14.34 ng/ul	346859	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

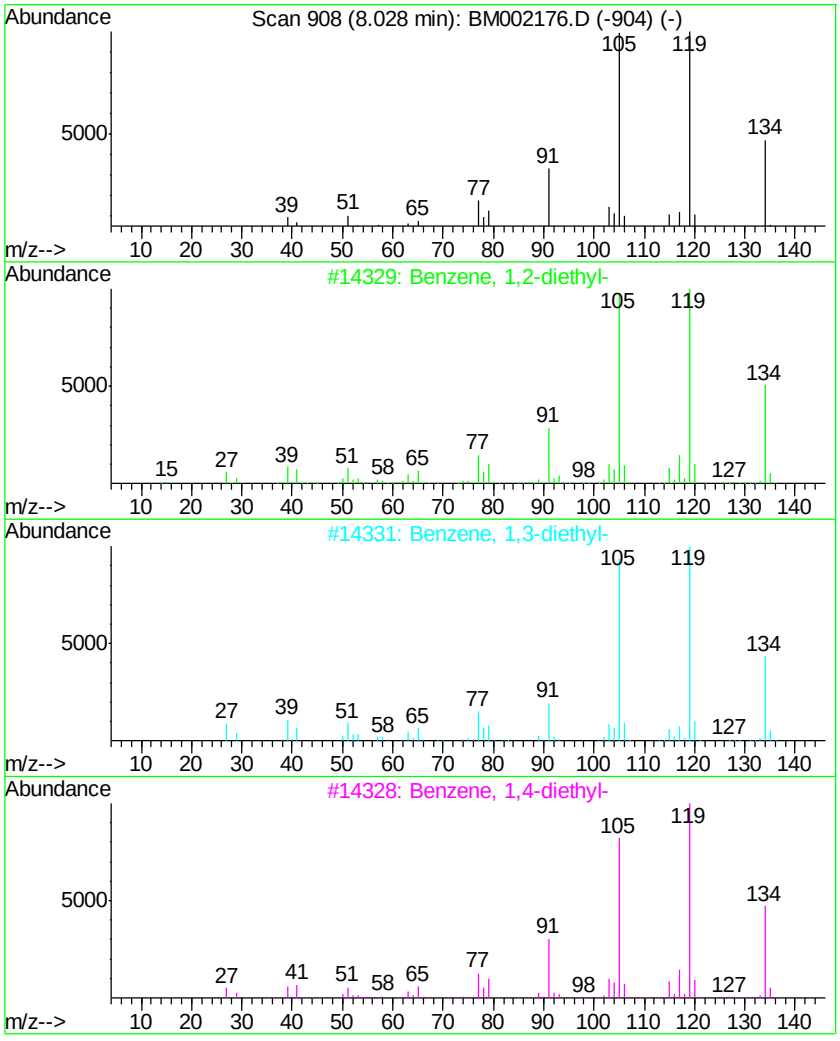
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

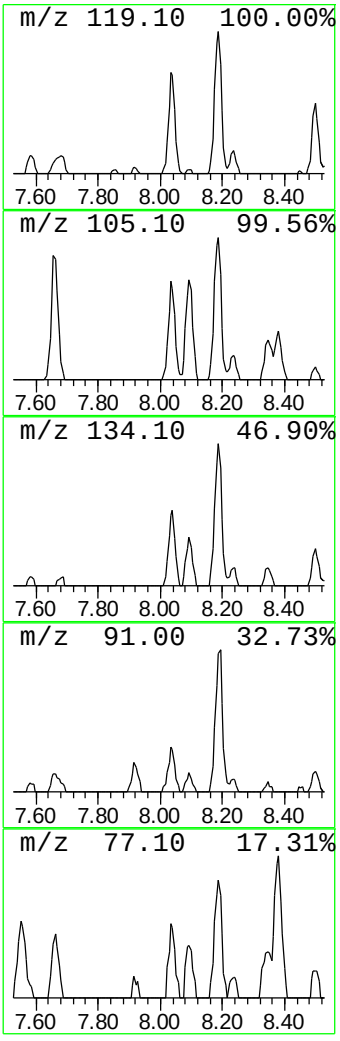
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.80 ng/ul	67809	1,4-Dichlorobenzene-d4	7.55

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





Library Search Compound Report

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Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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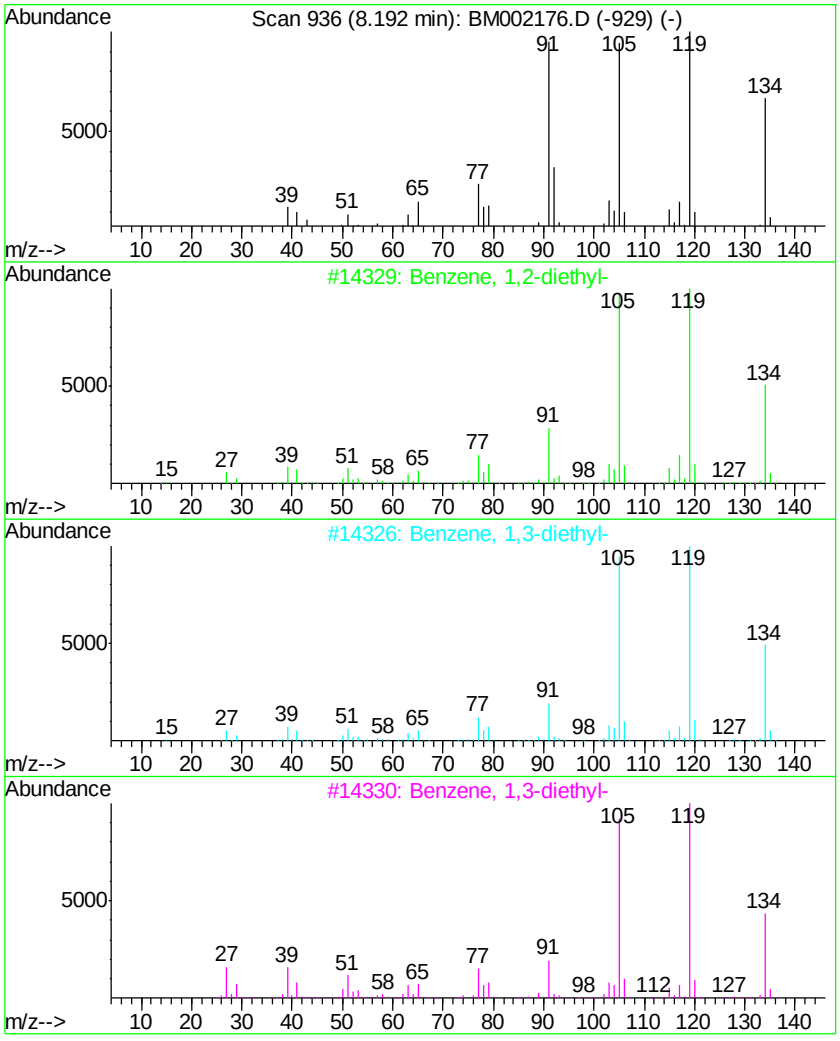
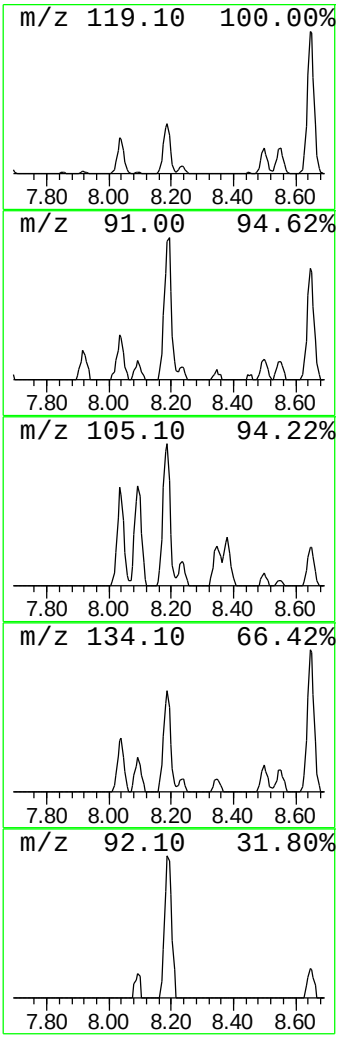
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.57 ng/ul	134823	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Library Search Compound Report

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Acq On : 02 Aug 2015 19:27
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Sample : G3073-18
Misc :
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Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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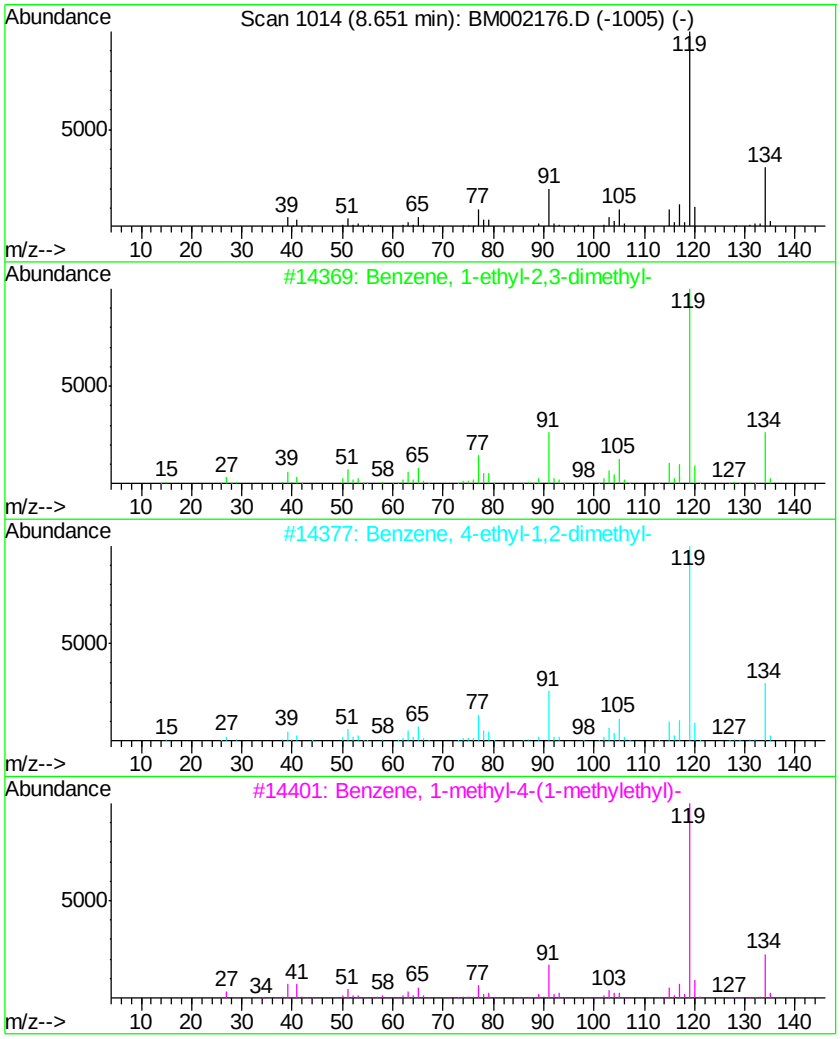
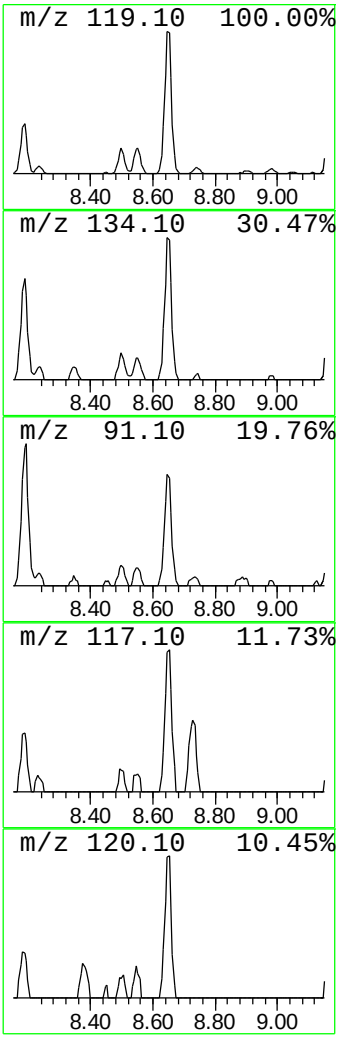
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	7.50 ng/ul	181503	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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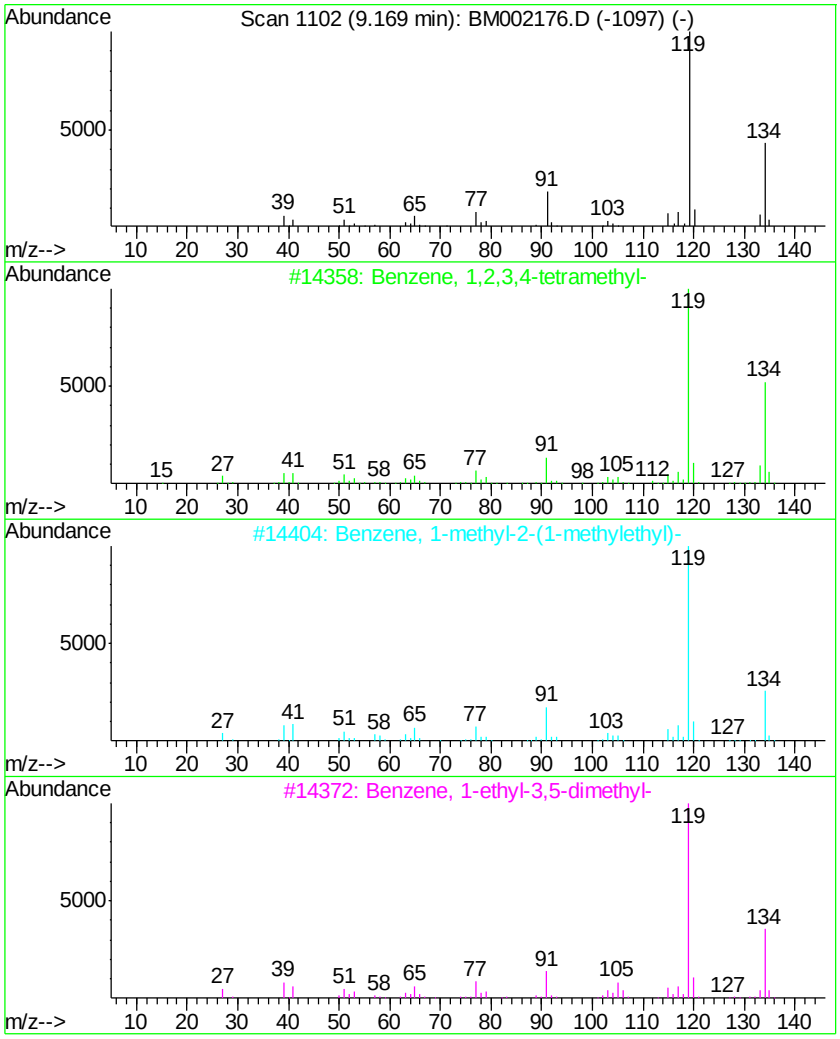
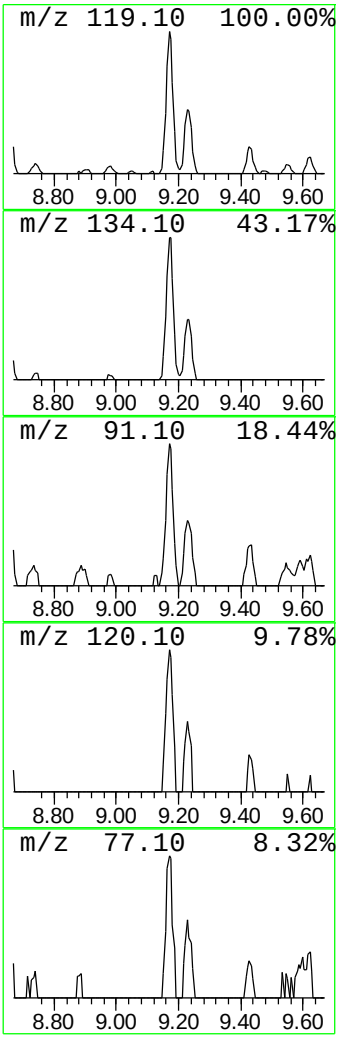
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.34 ng/ul	117101	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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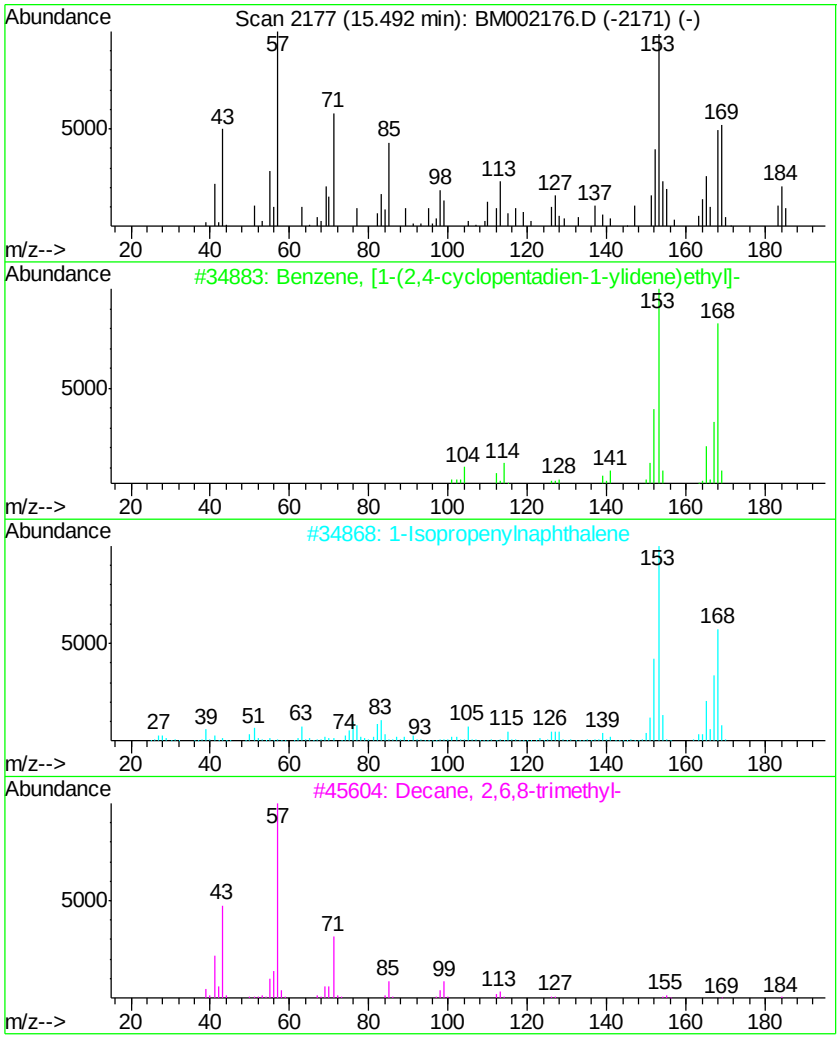
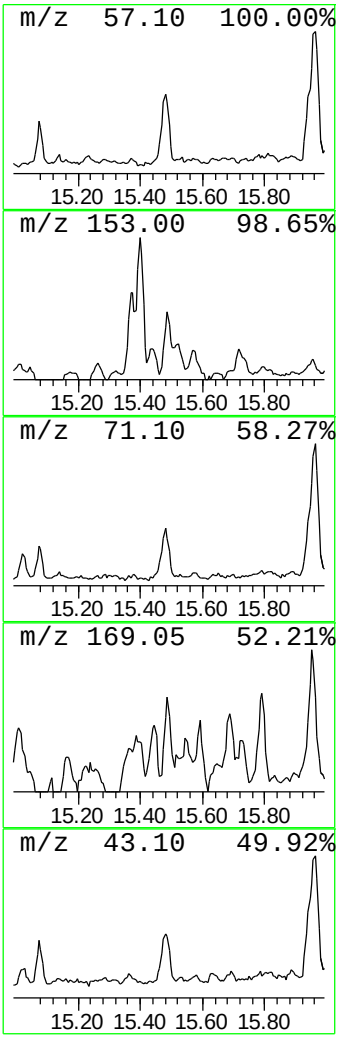
Peak Number 13 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.09 ng/ul	106819	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	43
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	42
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	22
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	20
5	Tridecane	184	C13H28	000629-50-5	20





Library Search Compound Report

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Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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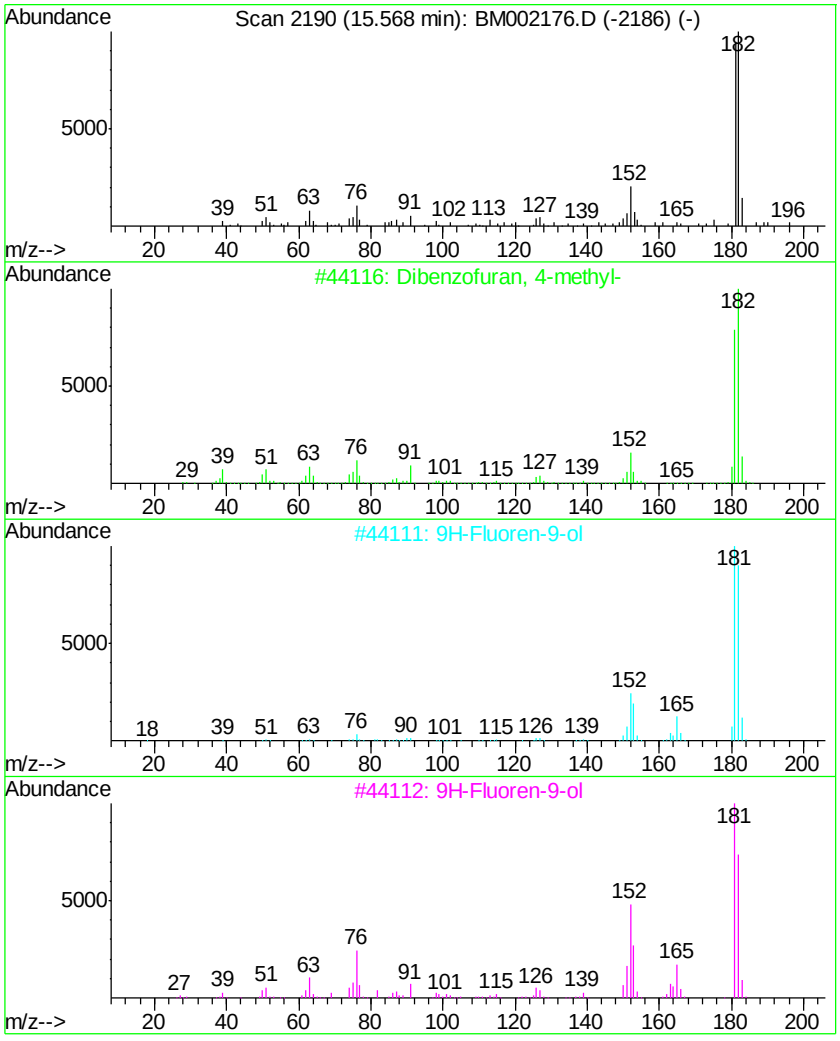
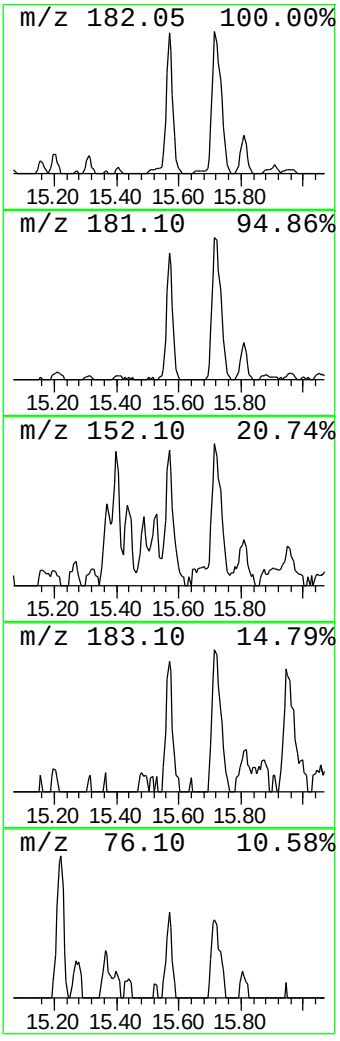
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.75 ng/ul	140764	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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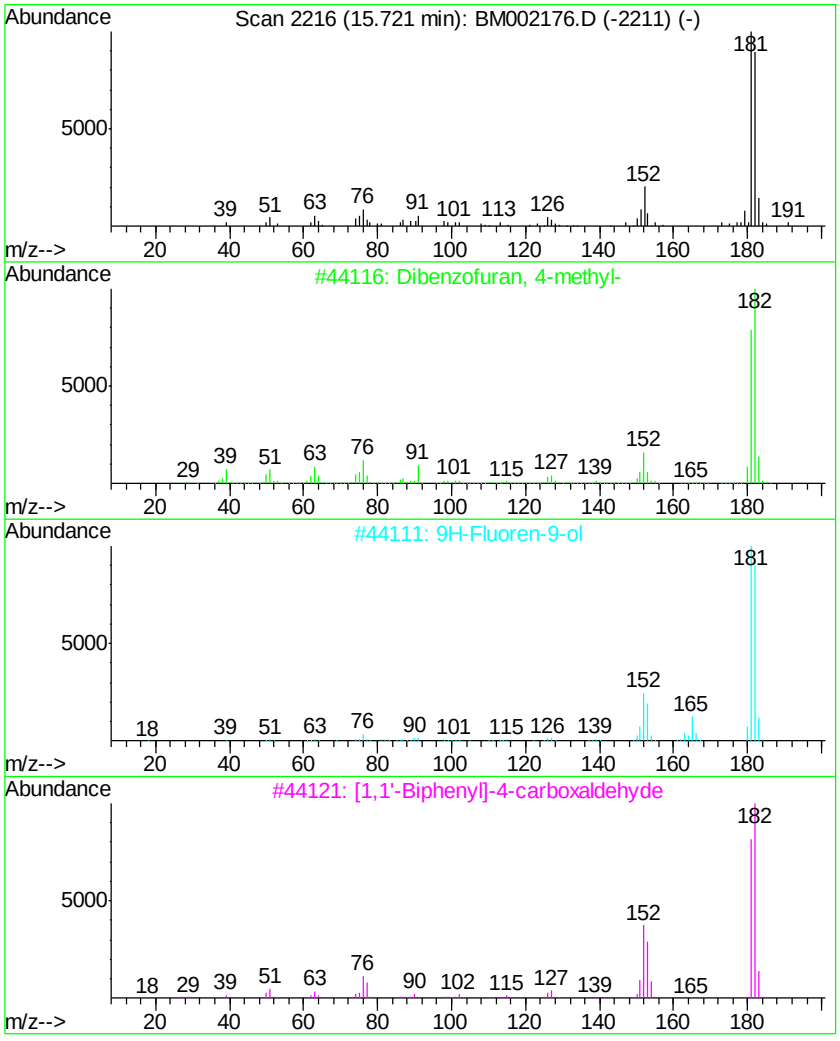
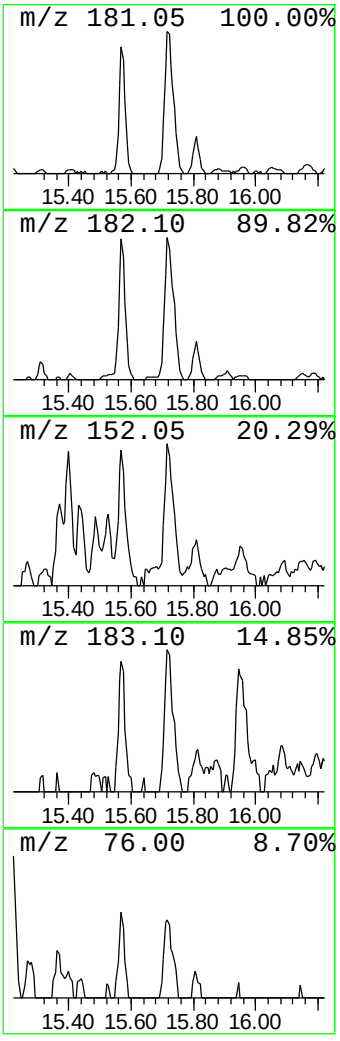
Peak Number 15 9H-Fluoren-9-ol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.49 ng/ul	151613	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53





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Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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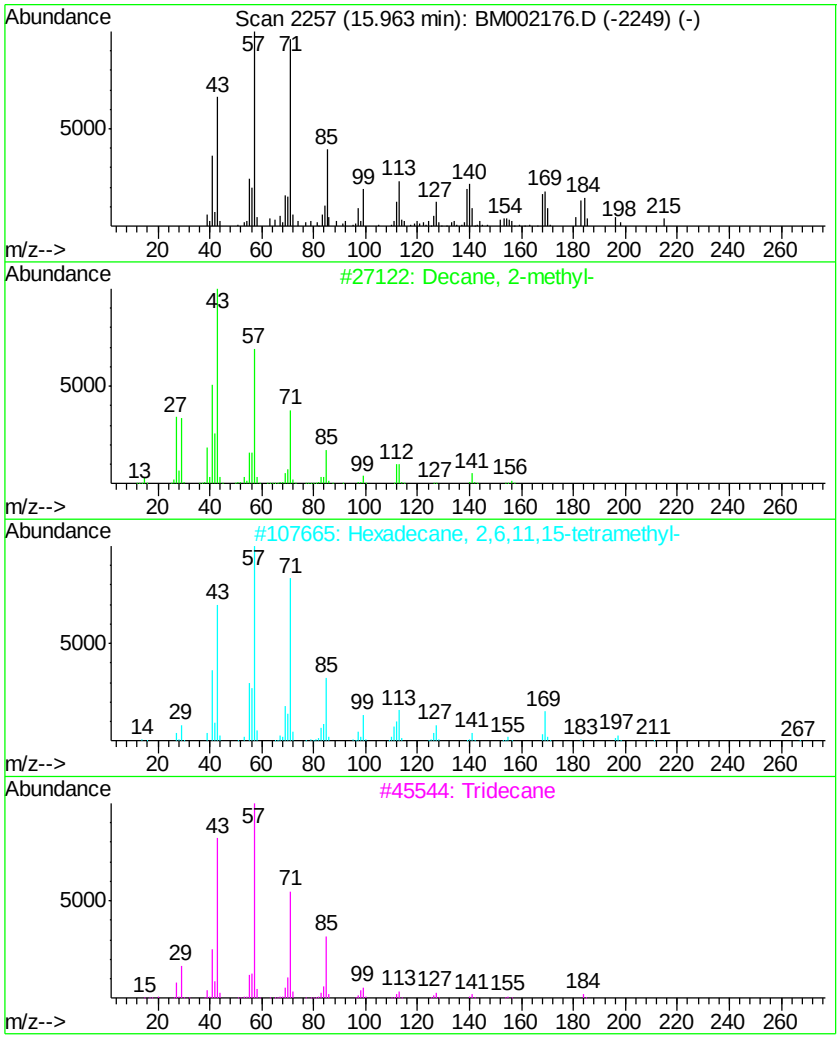
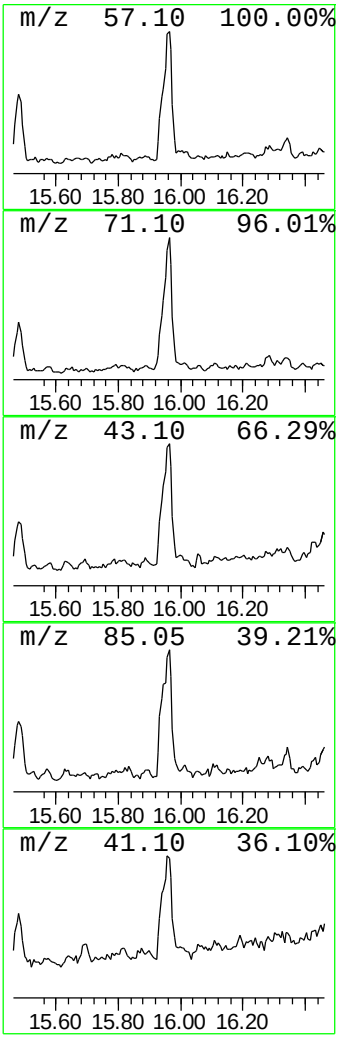
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.74 ng/ul	227724	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	50
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49
3	Tridecane	184	C13H28	000629-50-5	46
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	46
5	Dodecane	170	C12H26	000112-40-3	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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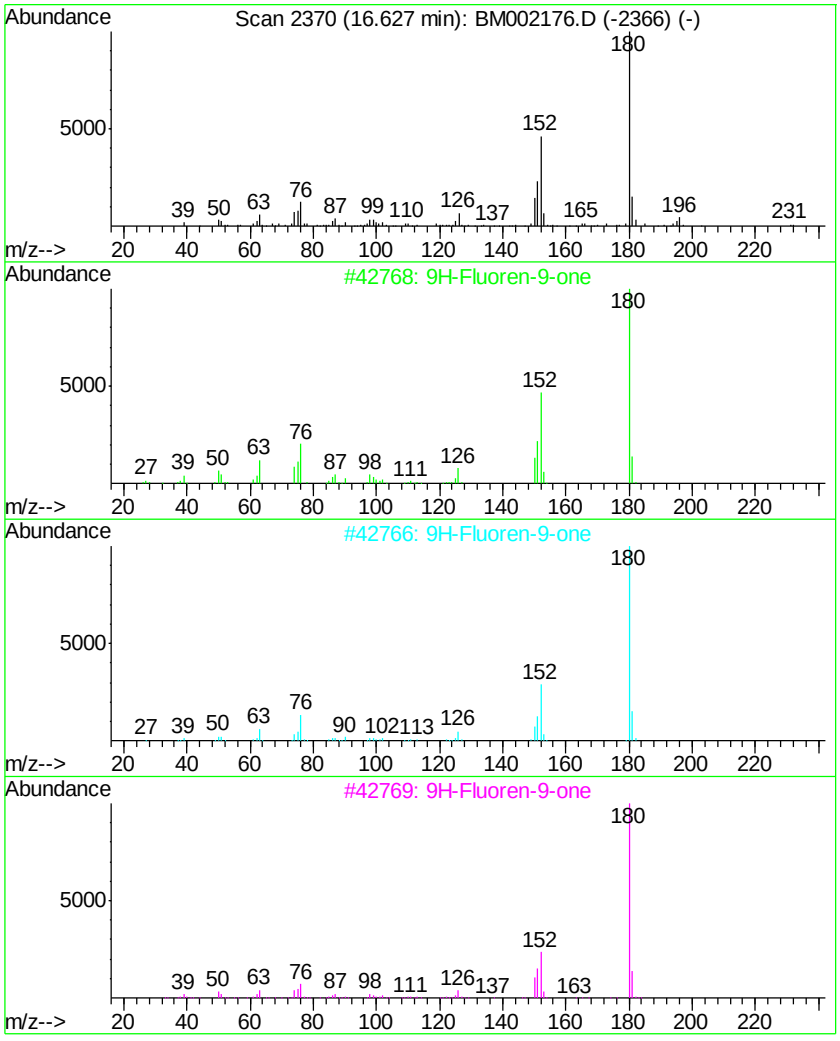
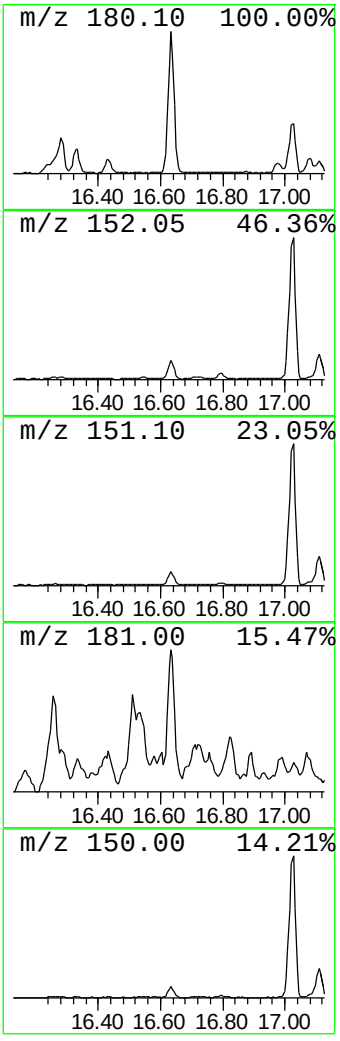
Peak Number 17 9H-Fluoren-9-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.57 ng/ul	217719	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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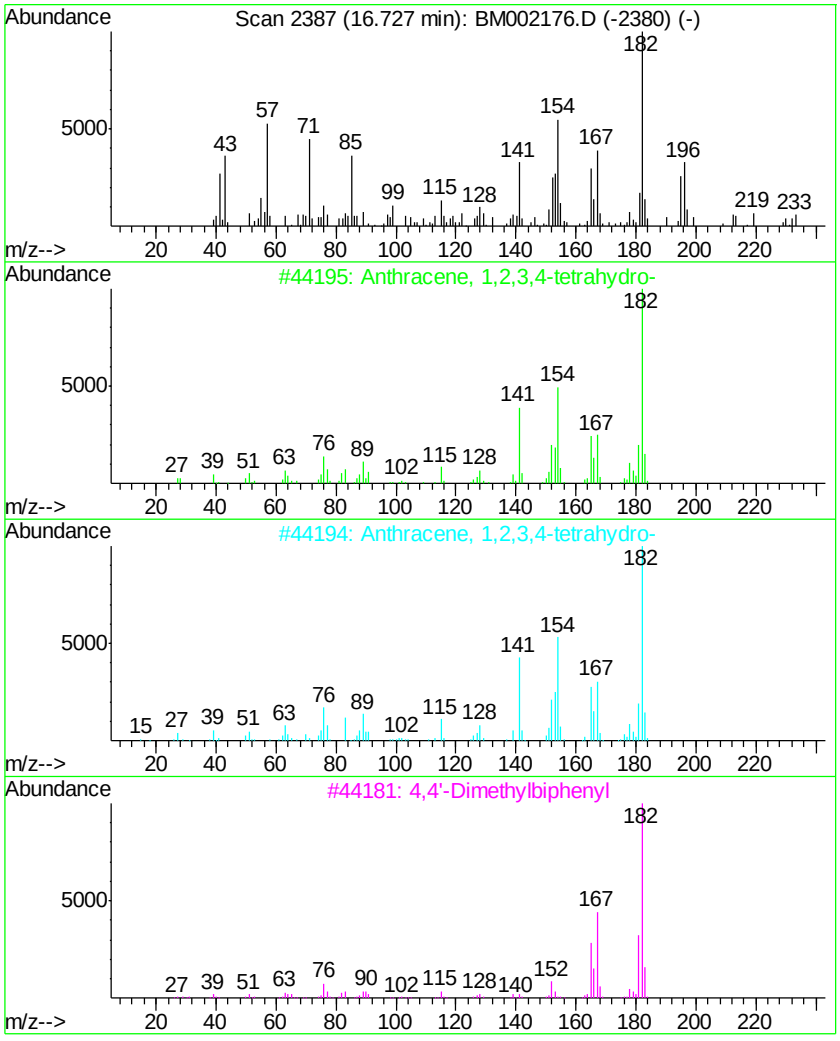
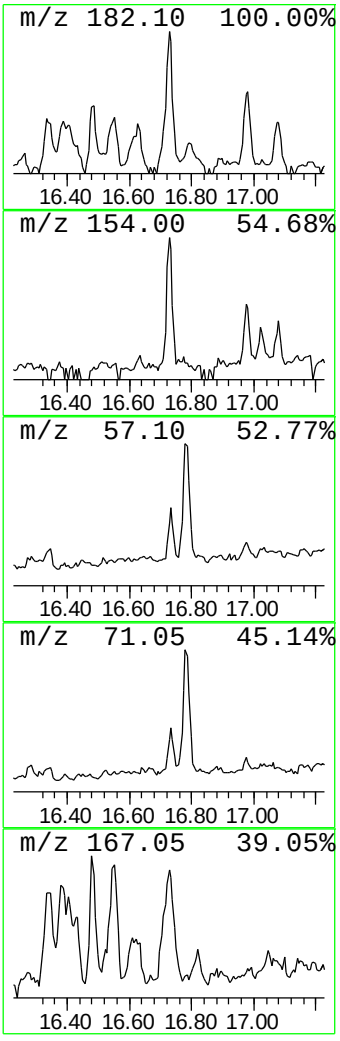
Peak Number 18 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.02 ng/ul	184175	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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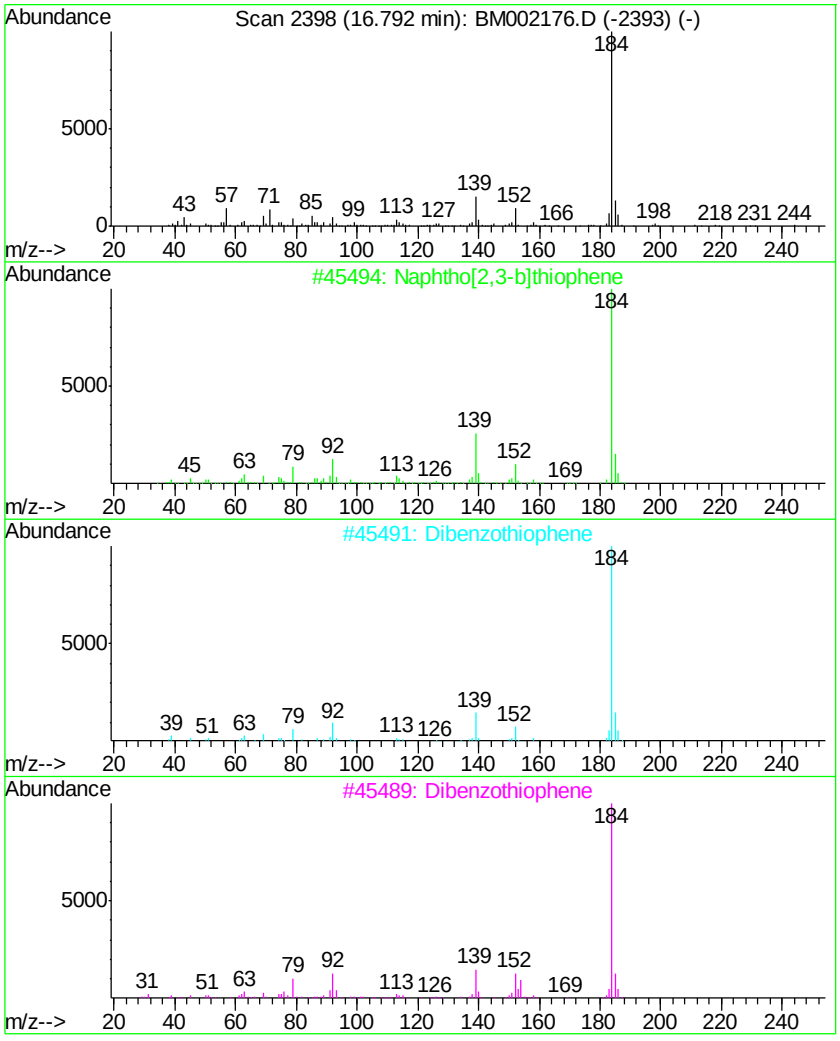
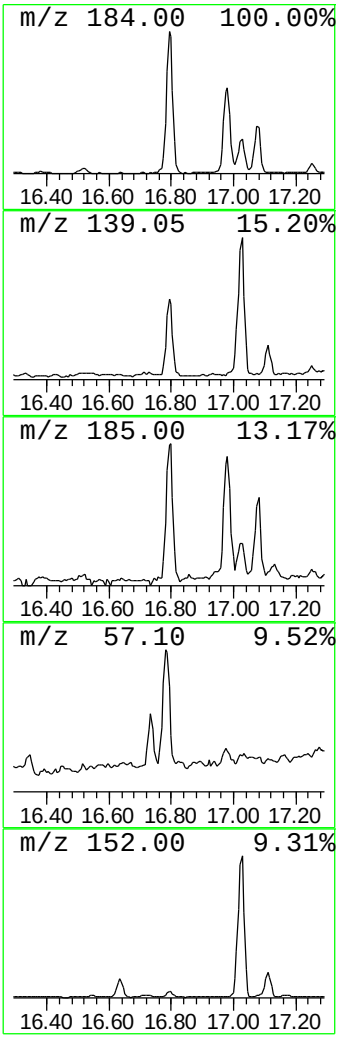
Peak Number 19 Naphtho[2,3-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	6.58 ng/ul	400880	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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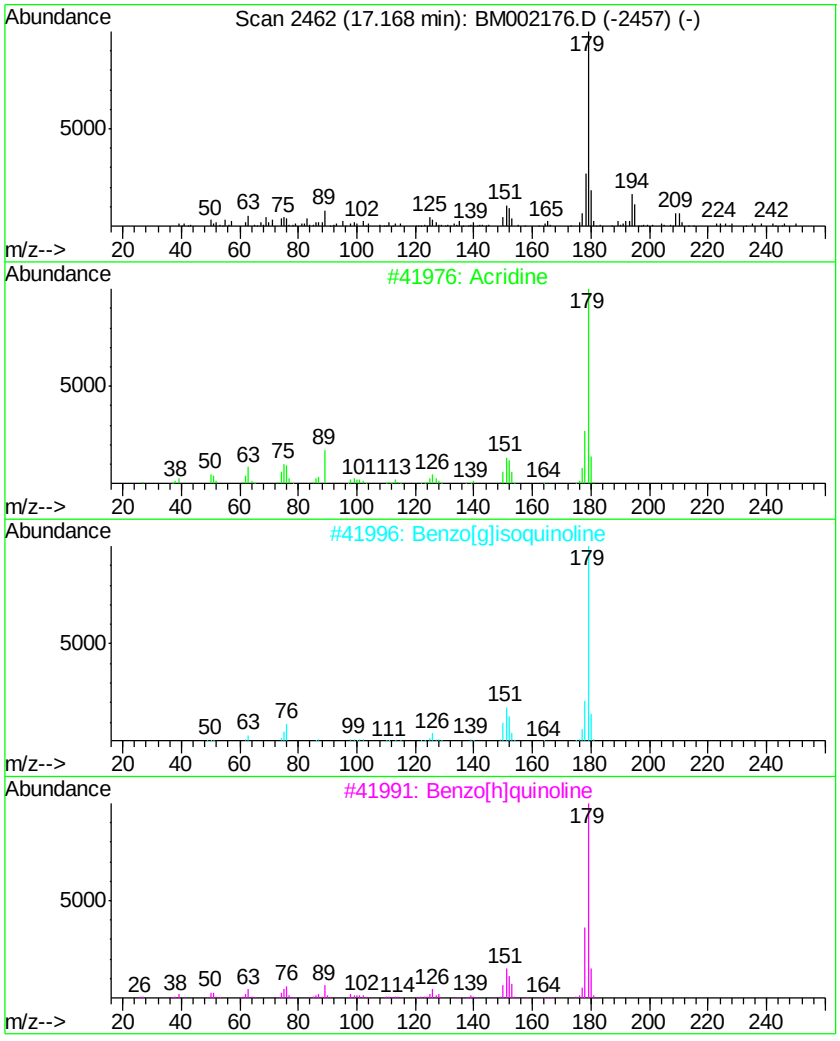
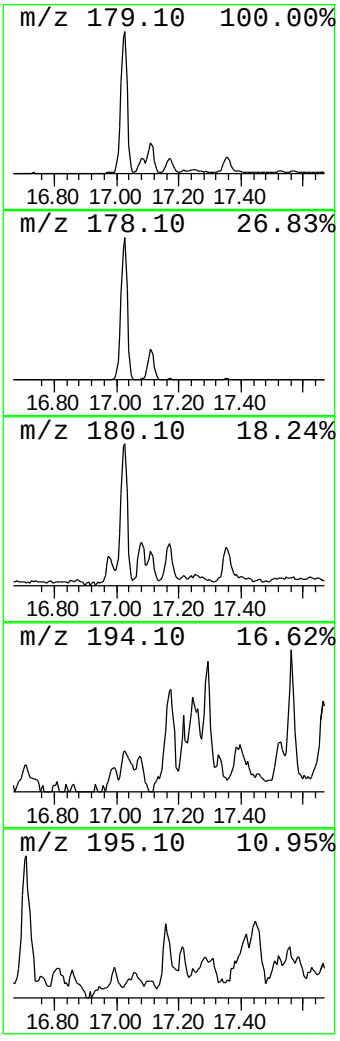
Peak Number 20 Acridine Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.68 ng/ul	163572	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	90
2	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	81
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	81
4	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	81
5	Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	76





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Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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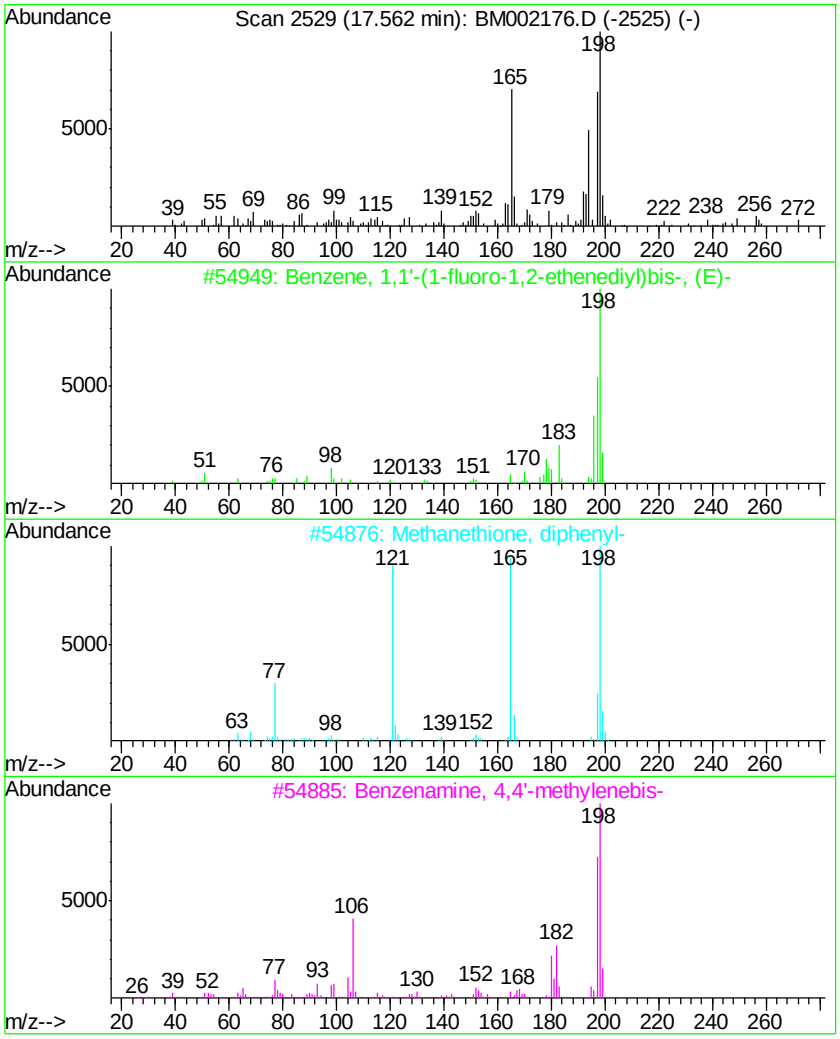
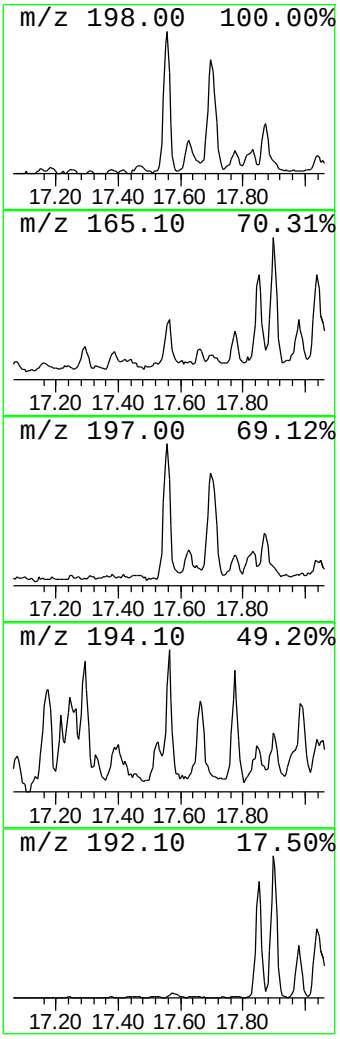
Peak Number 21 Benzene, 1,1'-(1-fluoro-1,2... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.04 ng/ul	124390	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	50
2	Methanethione, diphenyl-	198	C13H10S	001450-31-3	50
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	49
5	Thioxanthene	198	C13H10S	000261-31-4	49





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Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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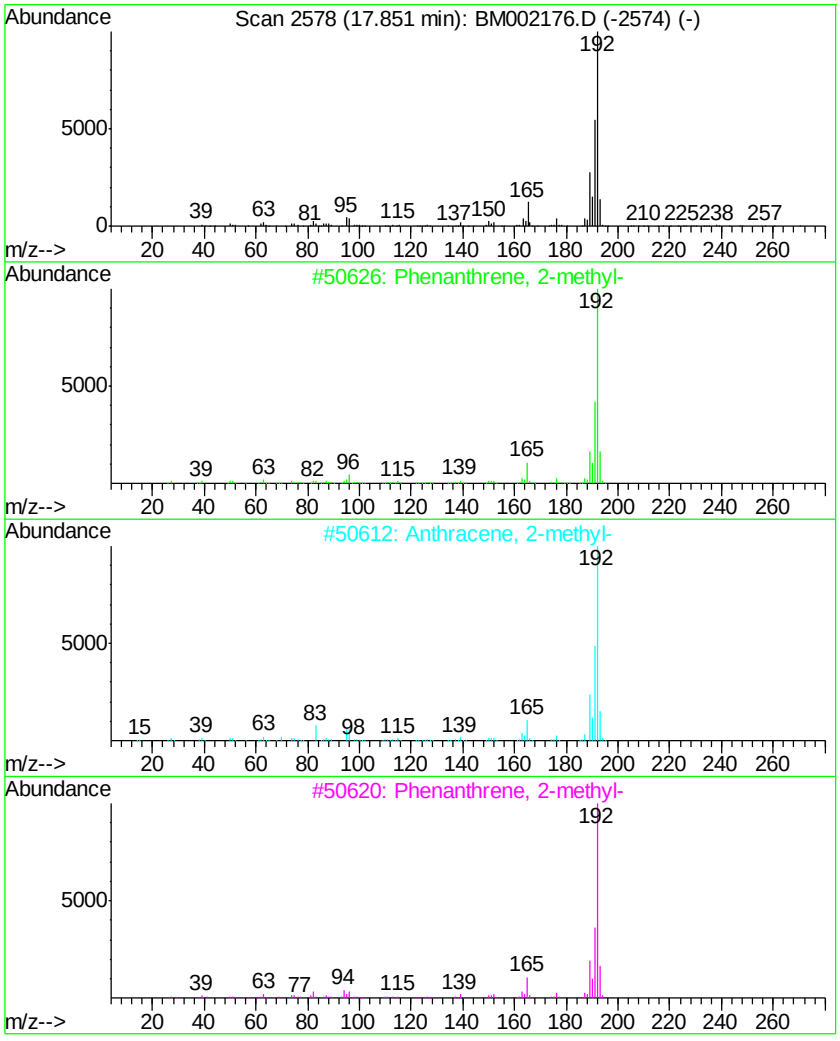
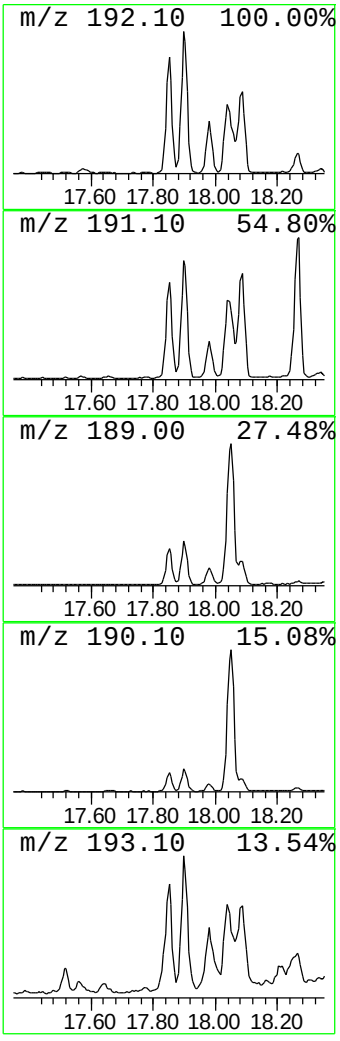
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	6.78 ng/ul	412944	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

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Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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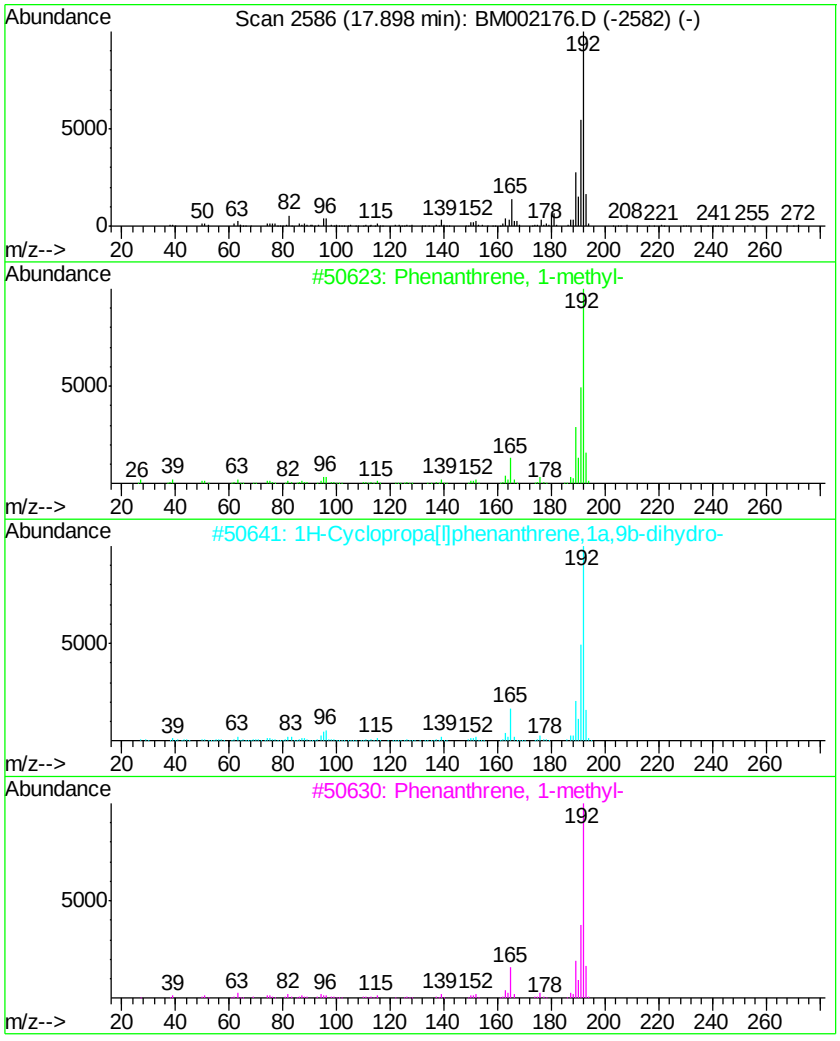
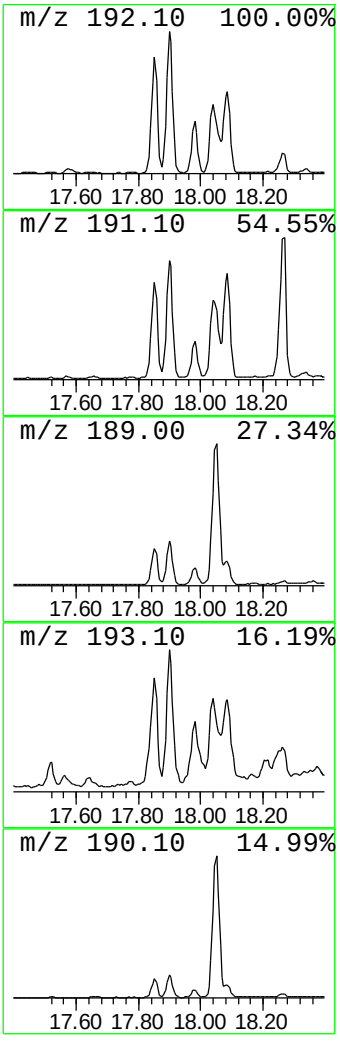
Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	12.84 ng/ul	782258	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
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Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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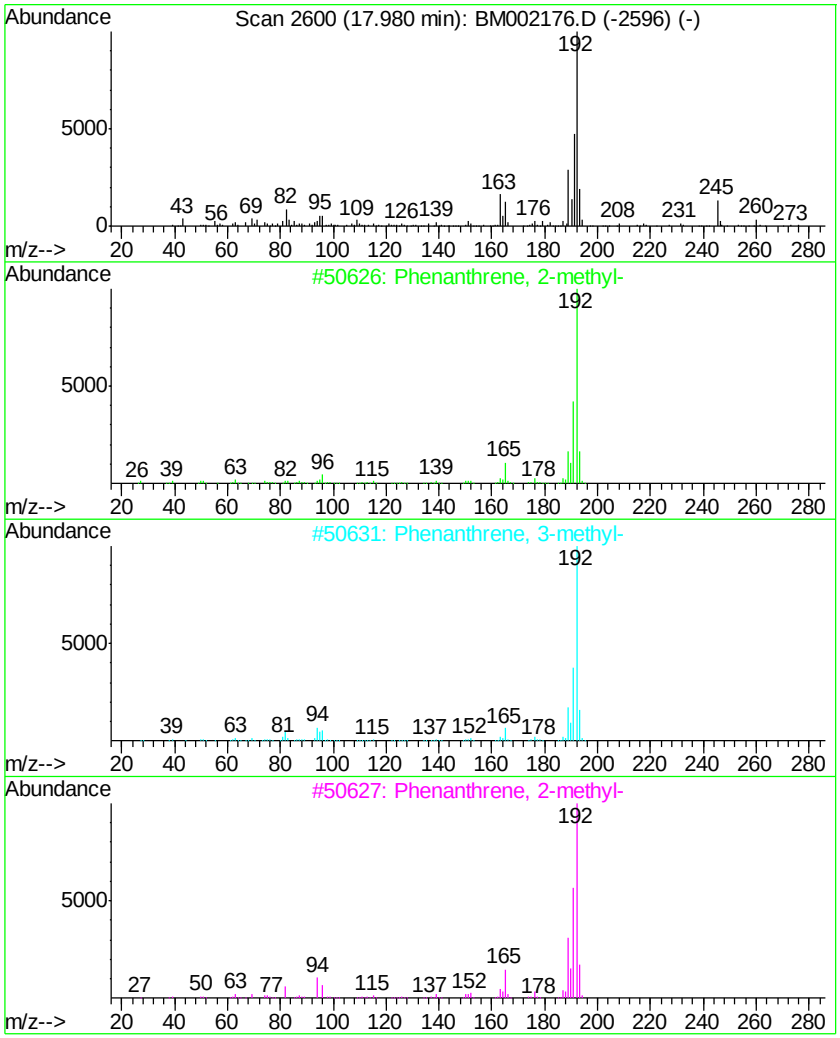
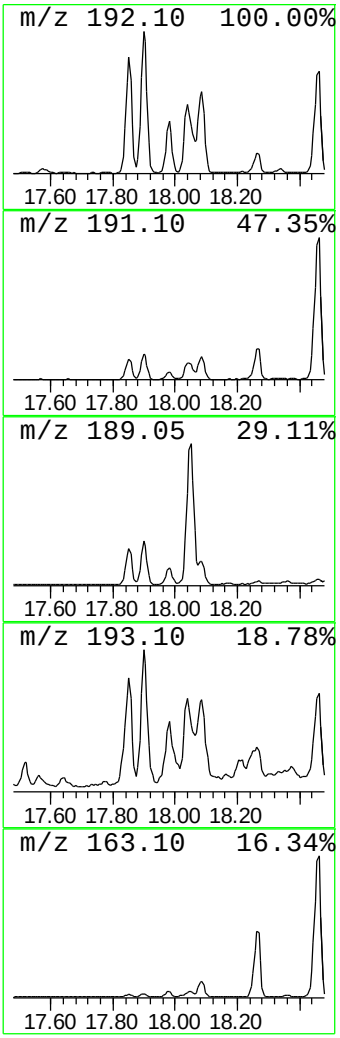
Peak Number 24 Phenanthrene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	5.45 ng/ul	331924	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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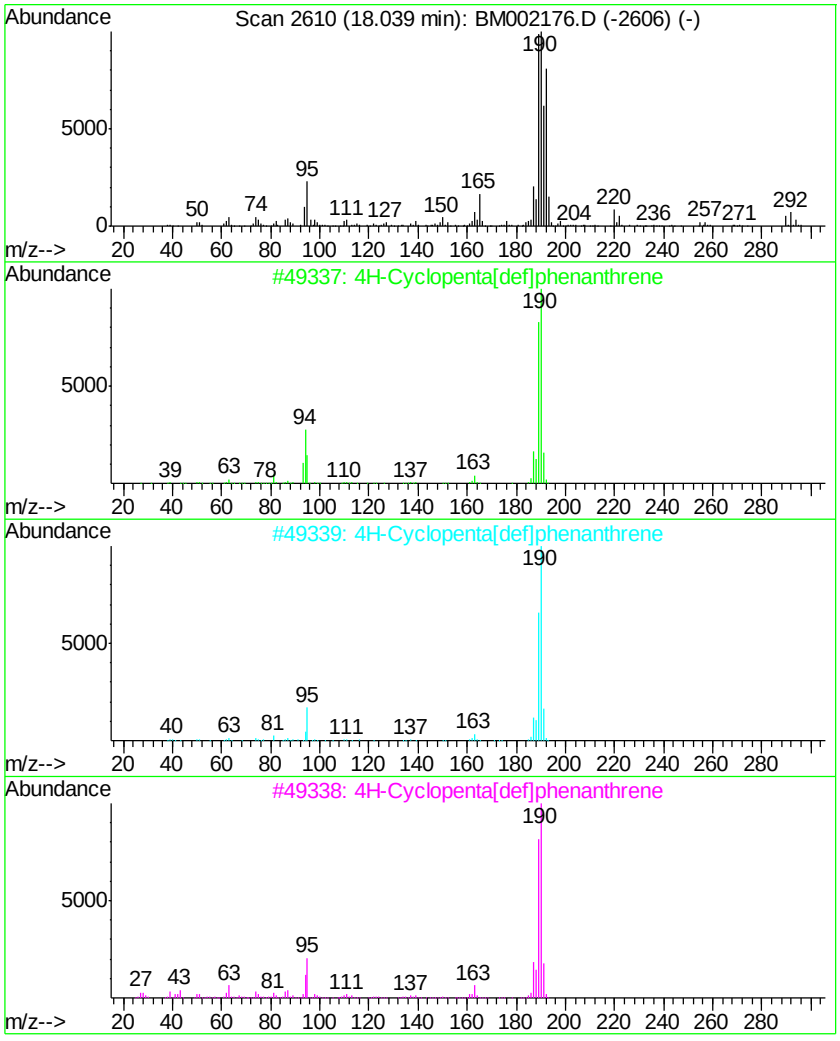
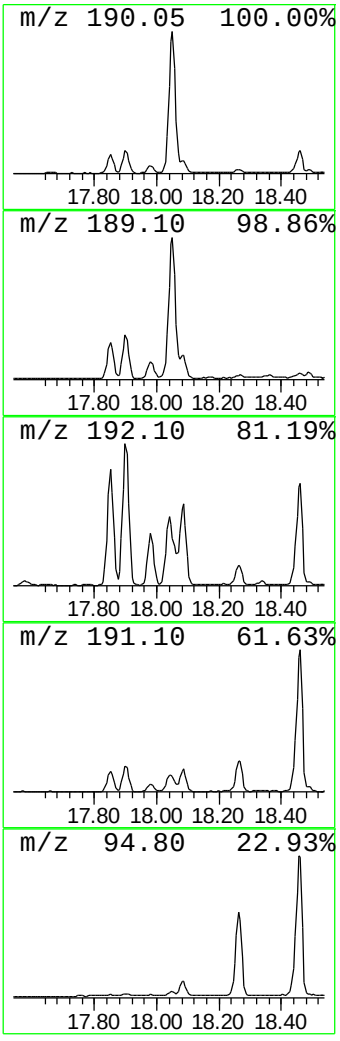
Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	18.49 ng/ul	1126660	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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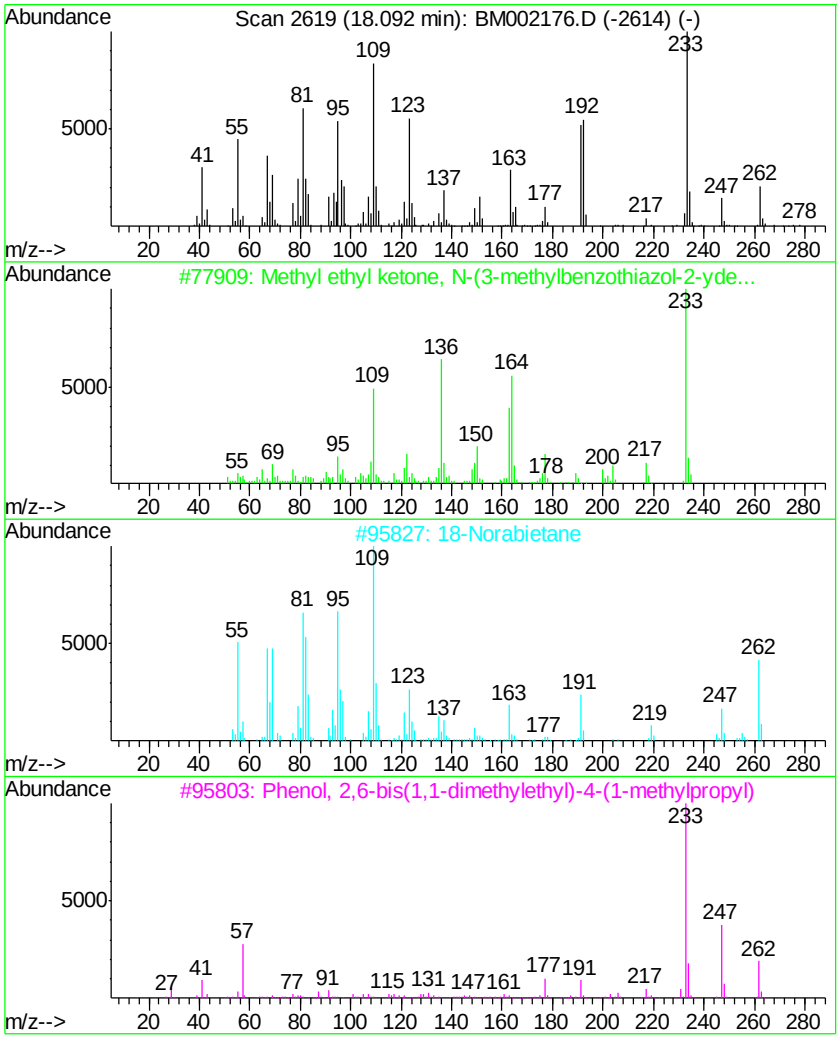
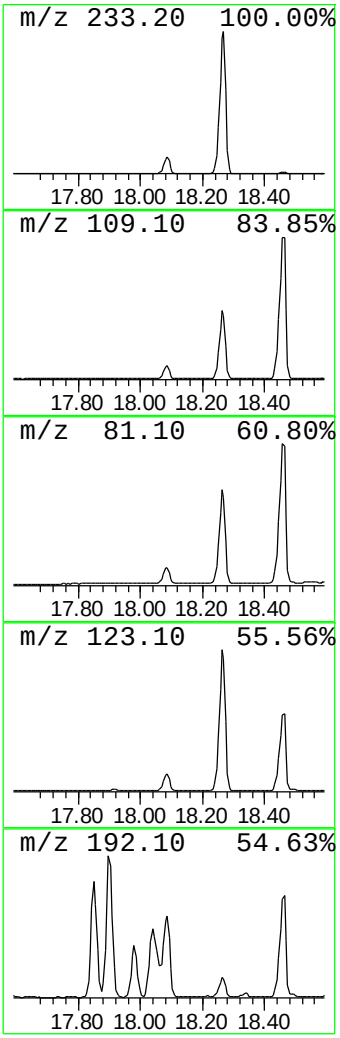
Peak Number 26 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	27.42 ng/ul	1671410	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl ketone, N-(3-methyl...	233	C12H15N3S	1000292-93-2	32
2	18-Norabietane	262	C19H34	1000293-16-6	20
3	Phenol, 2,6-bis(1,1-dimethylethy...	262	C18H30O	017540-75-9	18
4	9,10-Anthracenedione, 1-(3-buten...	262	C18H14O2	037634-84-7	18
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	12





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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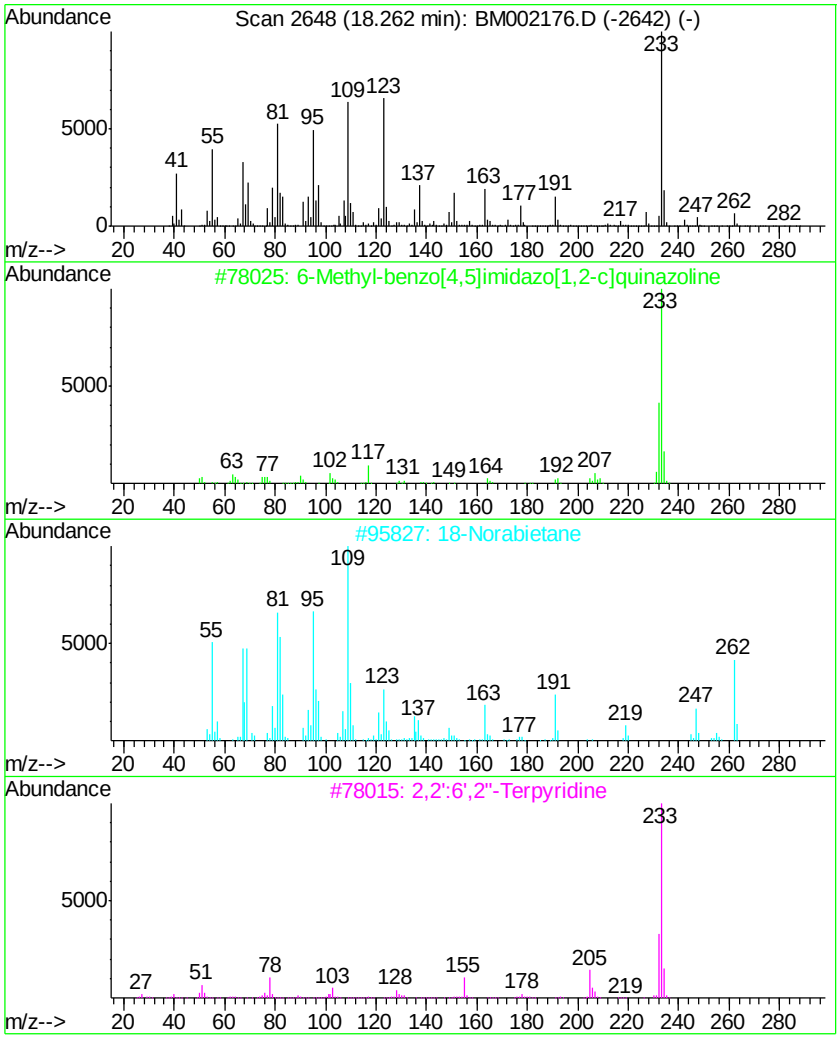
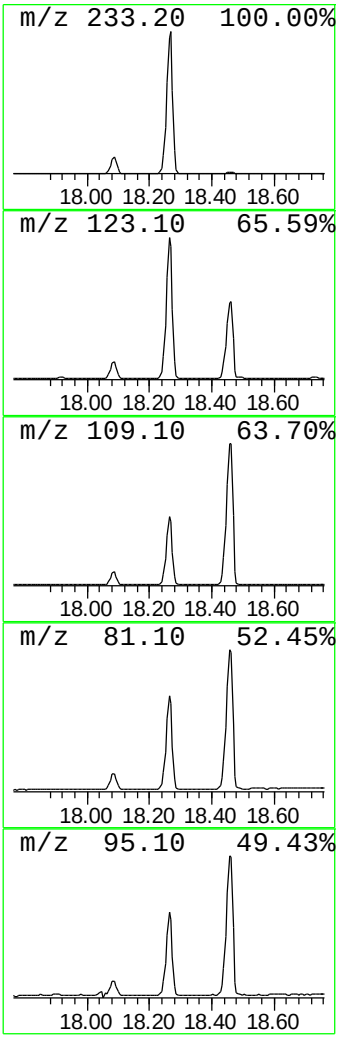
Peak Number 27 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	136.08 ng/ul	8293680	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-benzo[4,5]imidazo[1,2-c...	233	C15H11N3	066373-63-5	18
2	18-Norabietane	262	C19H34	1000293-16-6	15
3	2,2':6',2"-Terpyridine	233	C15H11N3	001148-79-4	14
4	Phenol, 2,6-bis(1,1-dimethylethy...	262	C18H30O	017540-75-9	14
5	3-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-01-2	14





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Misc :
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Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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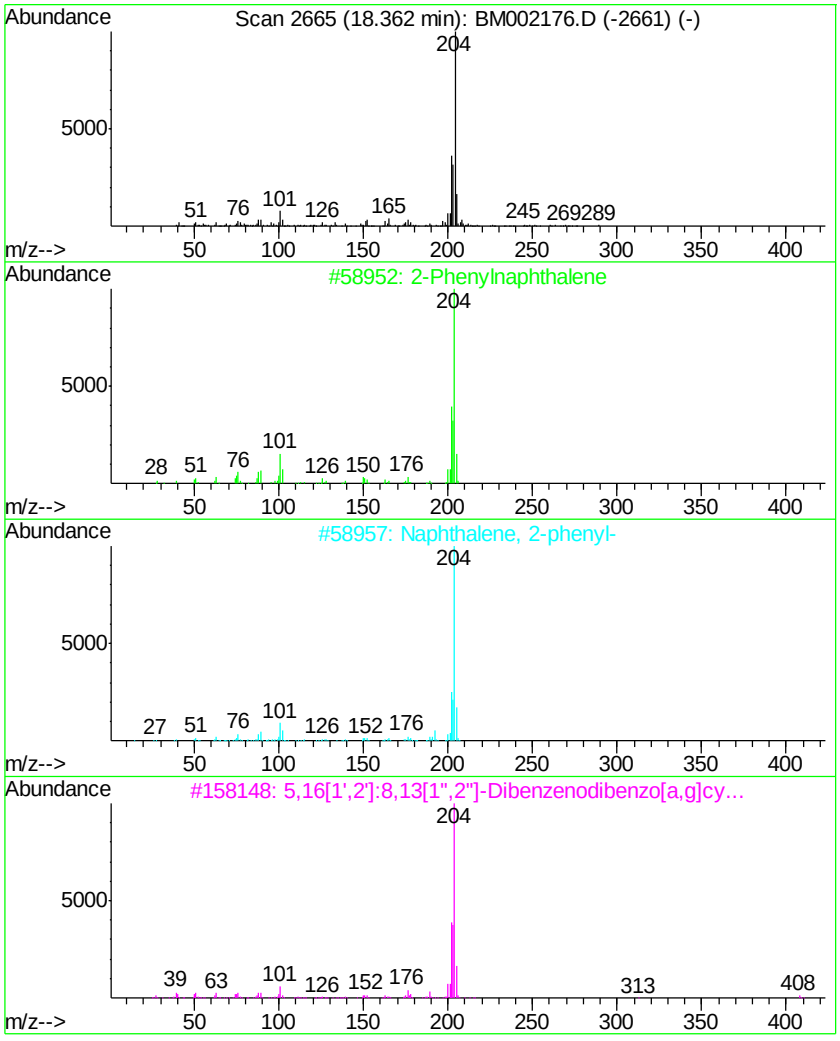
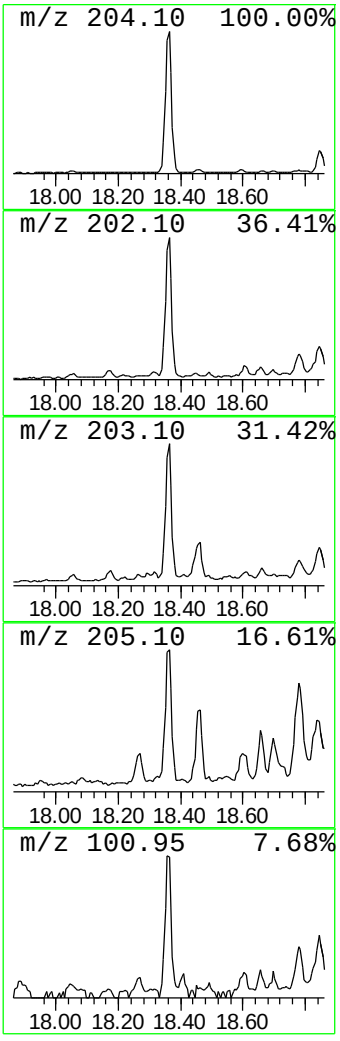
Peak Number 28 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.60 ng/ul	341352	Phenanthrene-d10	16.98

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	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_M
ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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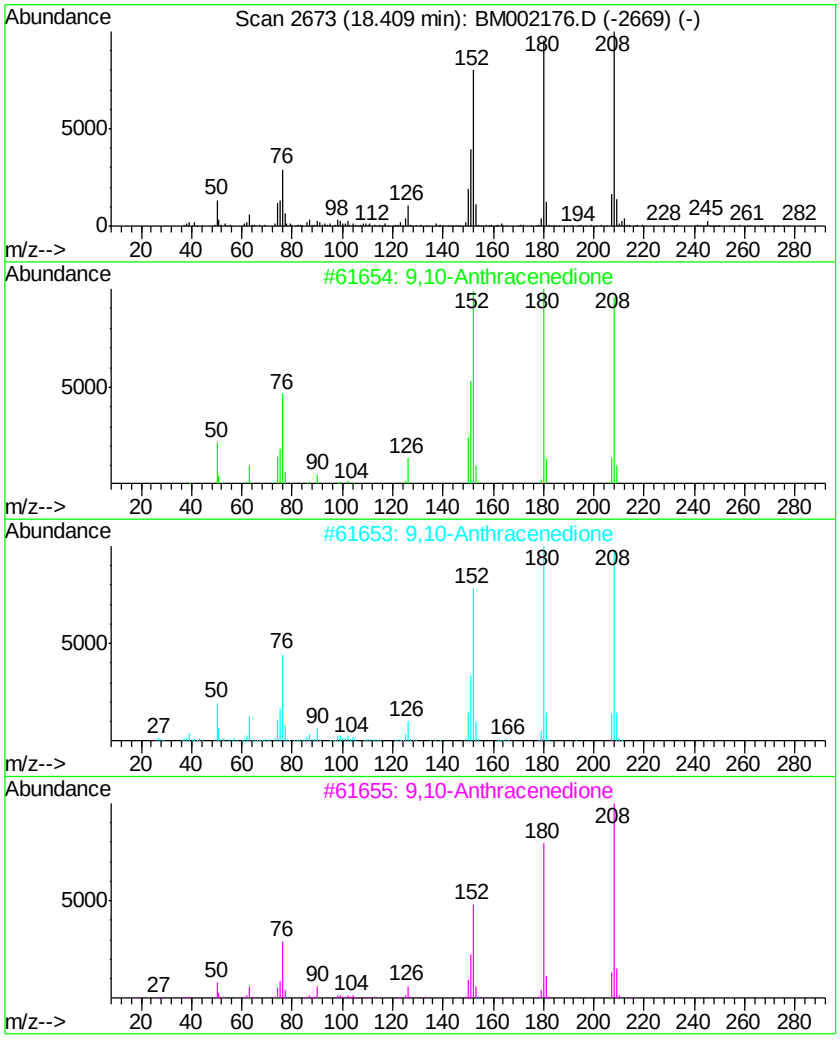
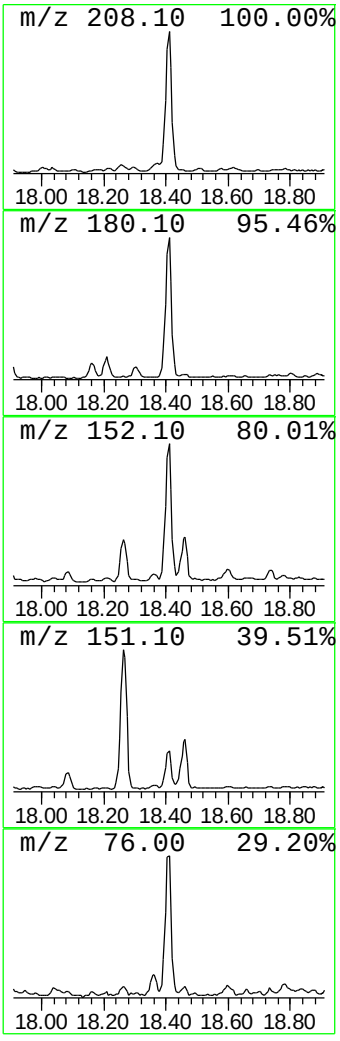
Peak Number 29 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	8.01 ng/ul	487944	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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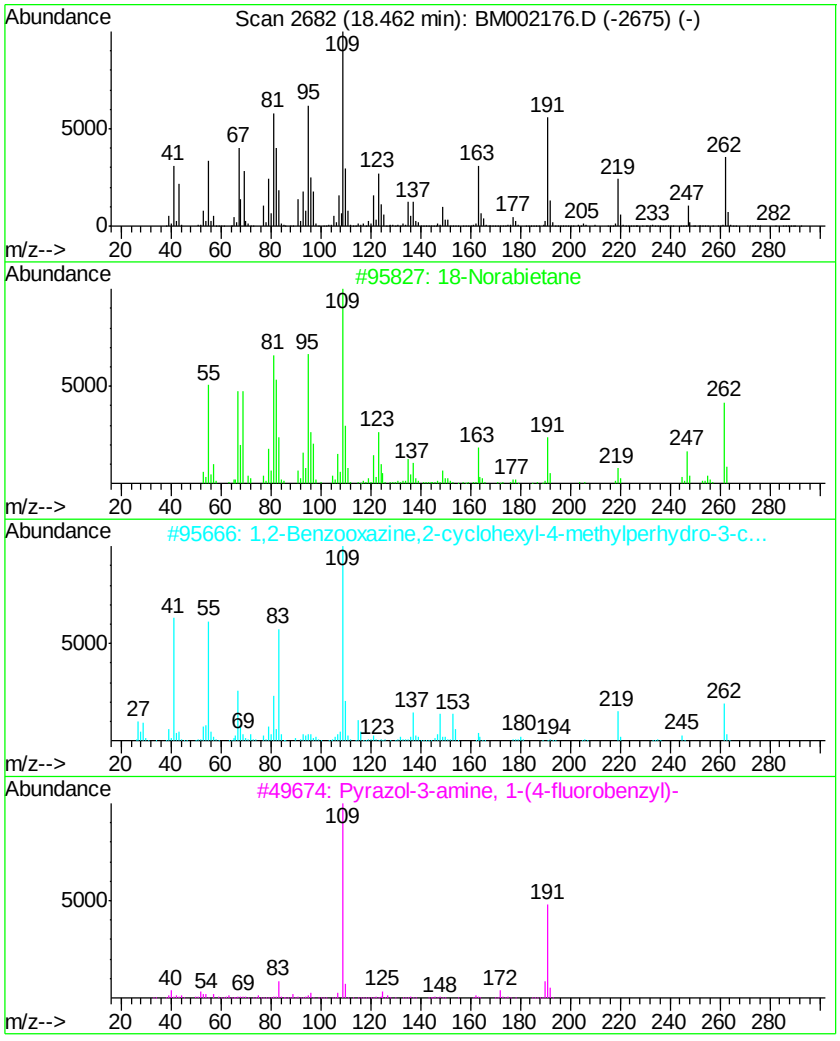
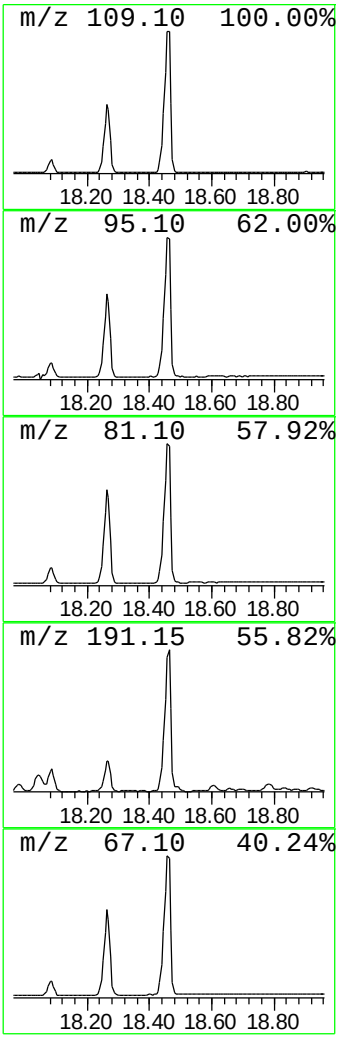
Peak Number 30 18-Norabietane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	200.75 ng/ul	12235200	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	90
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
3	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	27
5	8-Hexadecyne	222	C16H30	019781-86-3	22





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Quant Title : SVOA CALIBRATION

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

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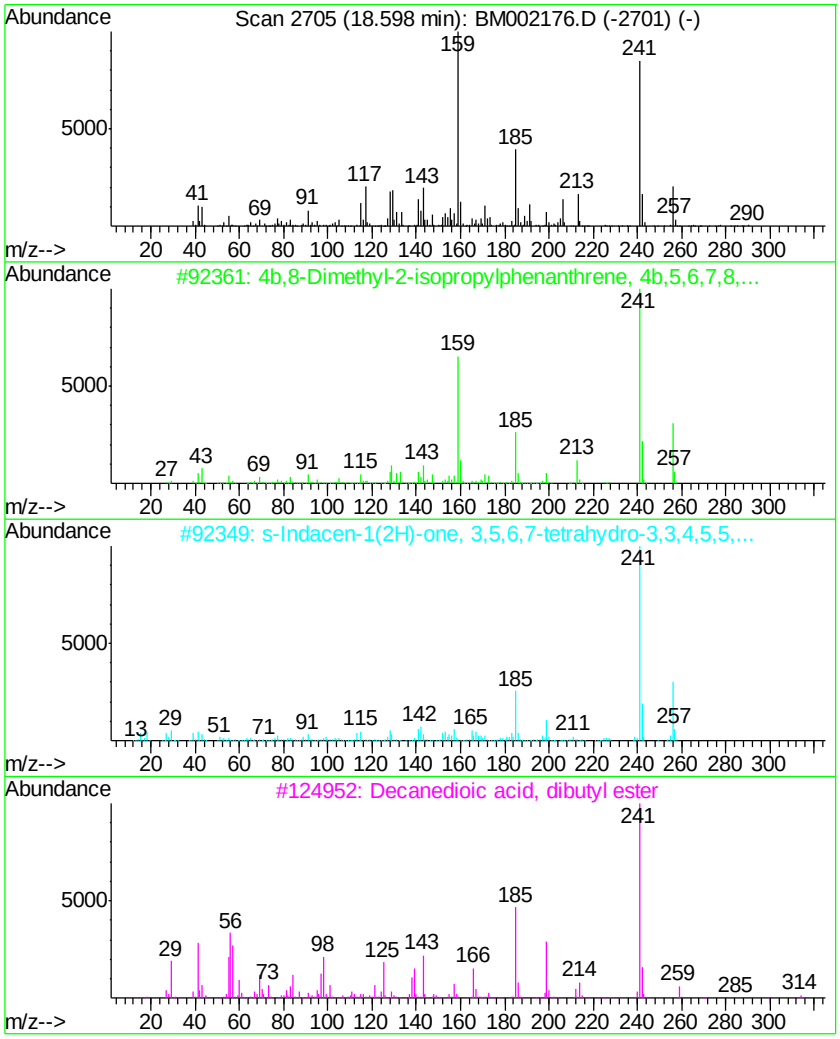
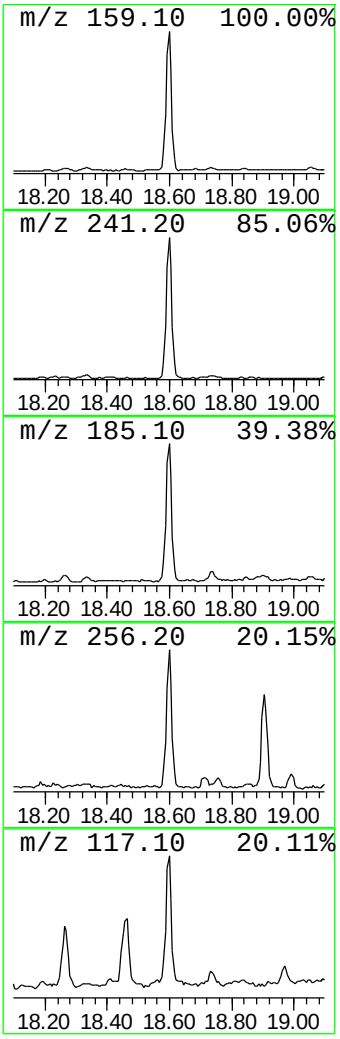
Peak Number 31 4b,8-Dimethyl-2-isopropylph... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	12.12 ng/ul	738455	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	56
3	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	32
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	30
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	27





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ClientSampleId : C02G3

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Quant Title : SVOA CALIBRATION

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

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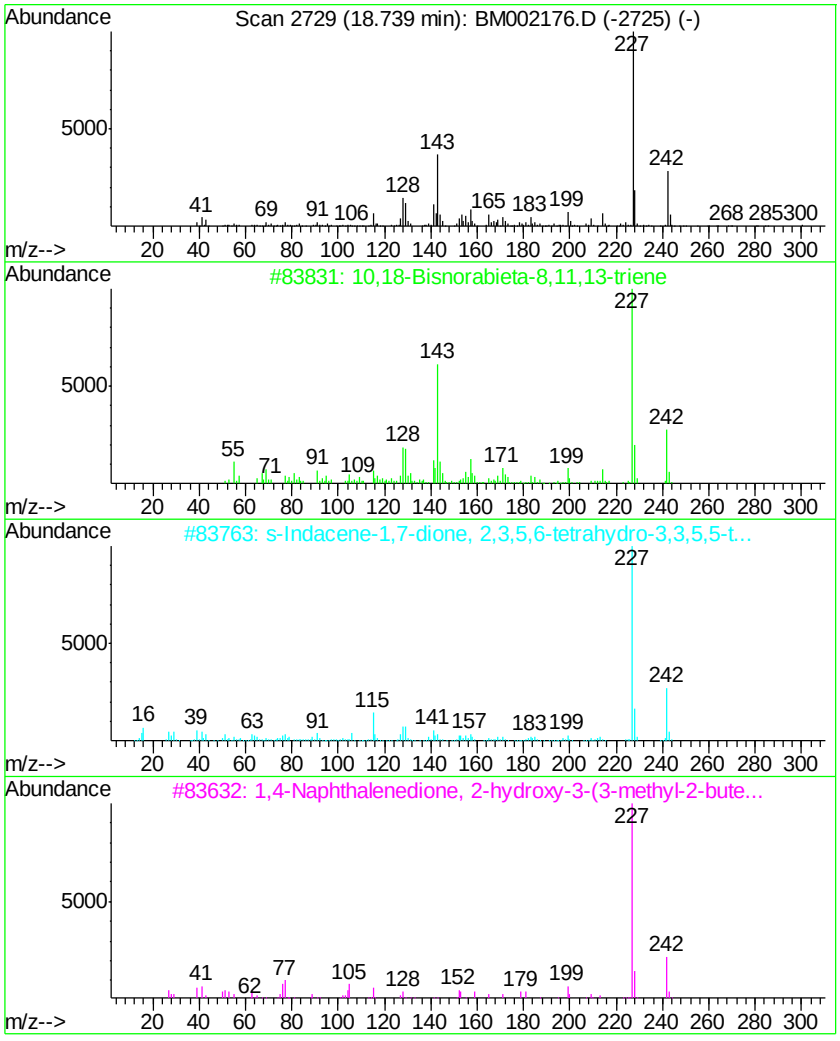
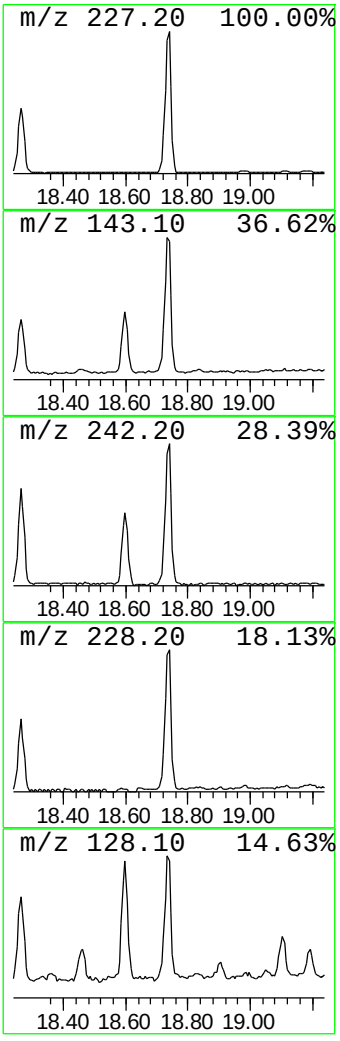
Peak Number 32 10,18-Bisnorabieta-8,11,13-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	7.89 ng/ul	480609	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	97
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	74
3	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	70
4	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	58
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

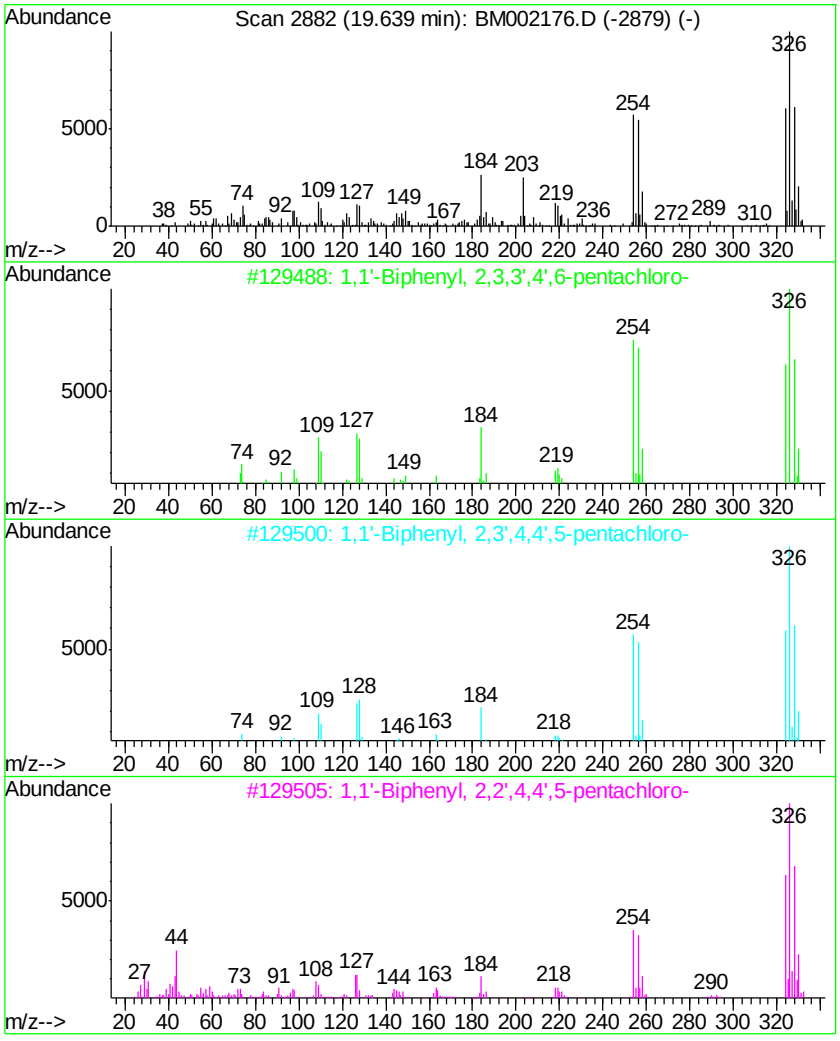
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

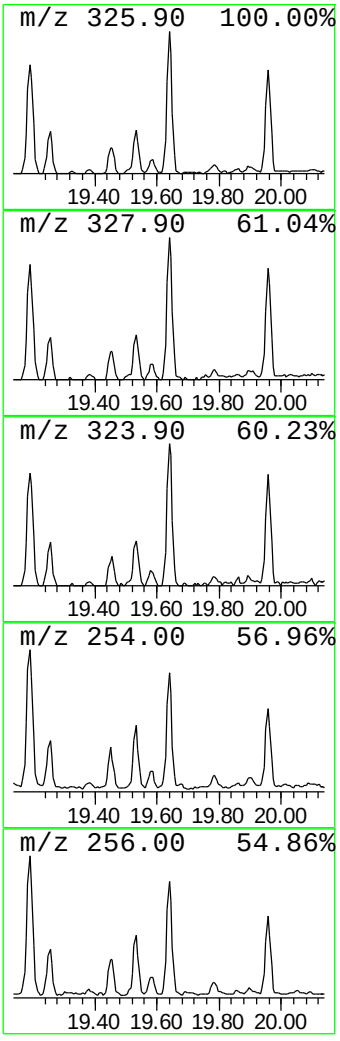
****

Peak Number 33 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.45 ng/ul	534559	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

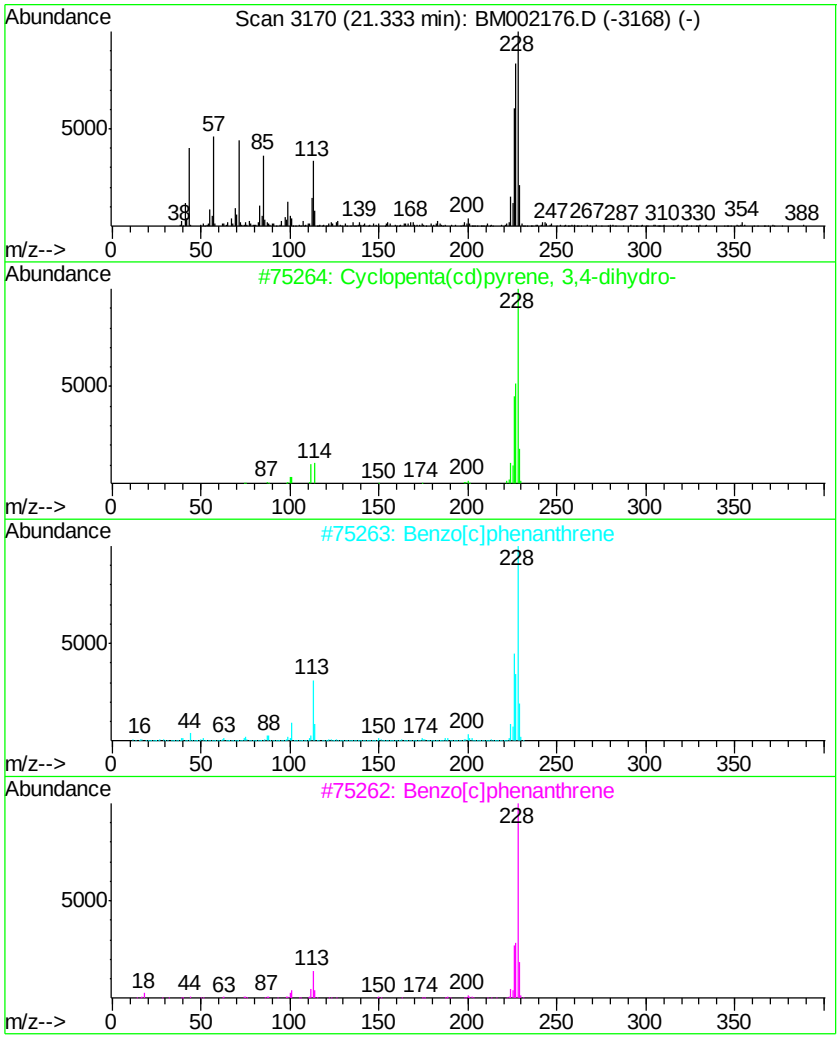
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

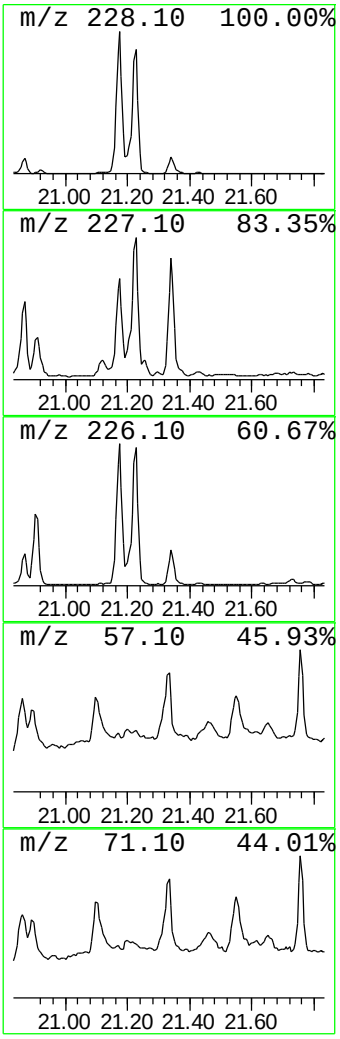
****

Peak Number 34 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.82 ng/ul	835936	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	35
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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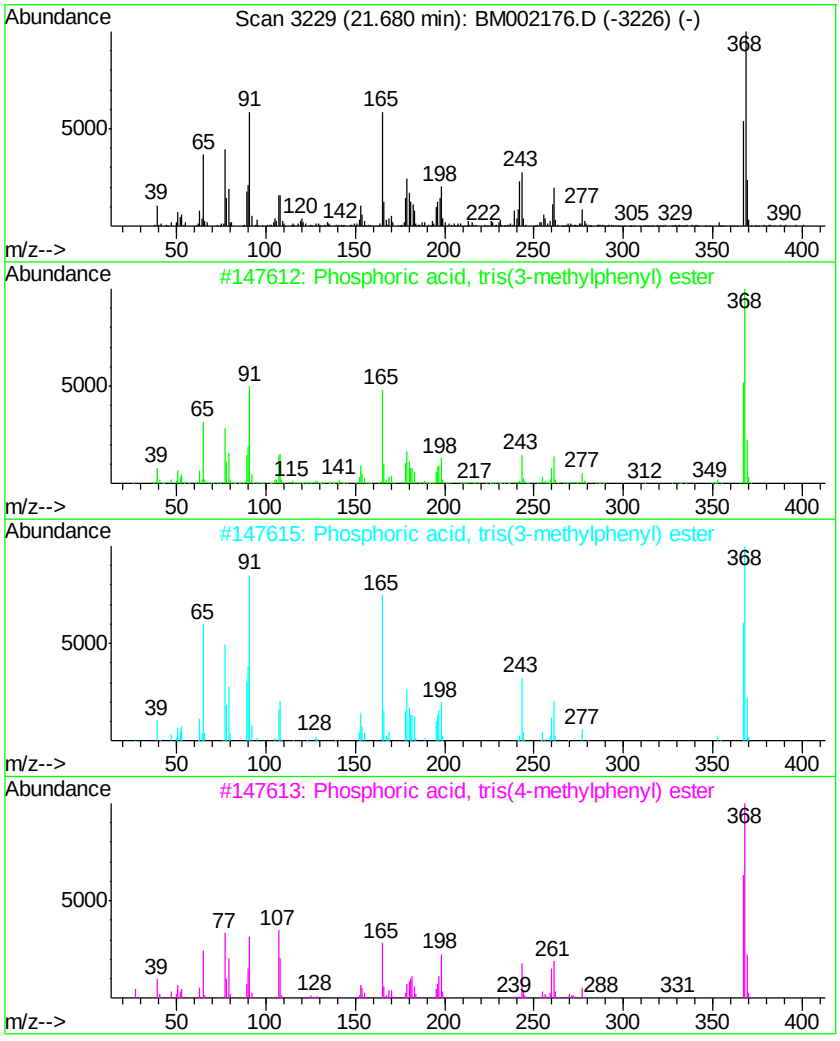
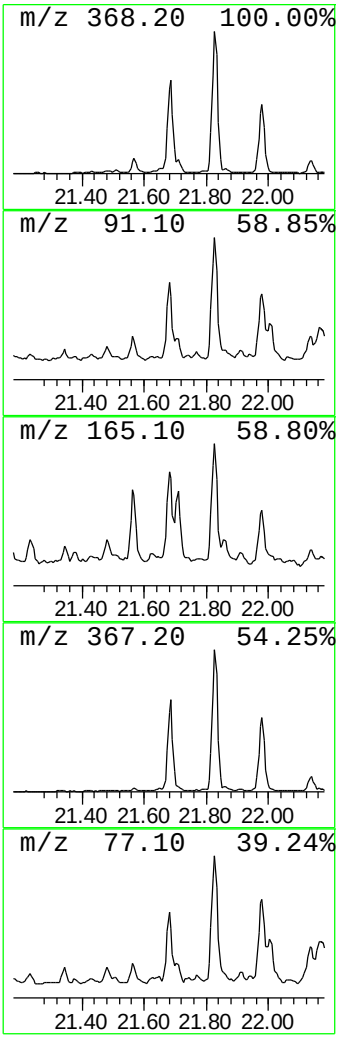
Peak Number 35 Phosphoric acid, tris(3-met... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	3.44 ng/ul	751874	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	94
4	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	90
5	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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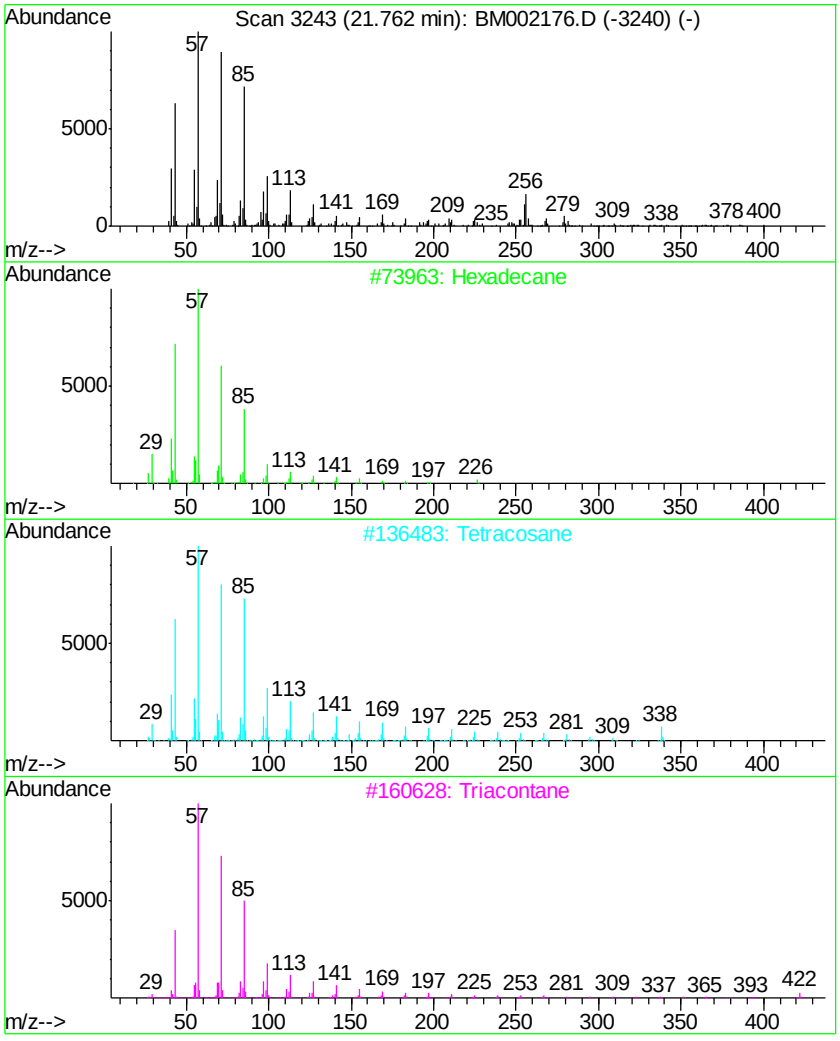
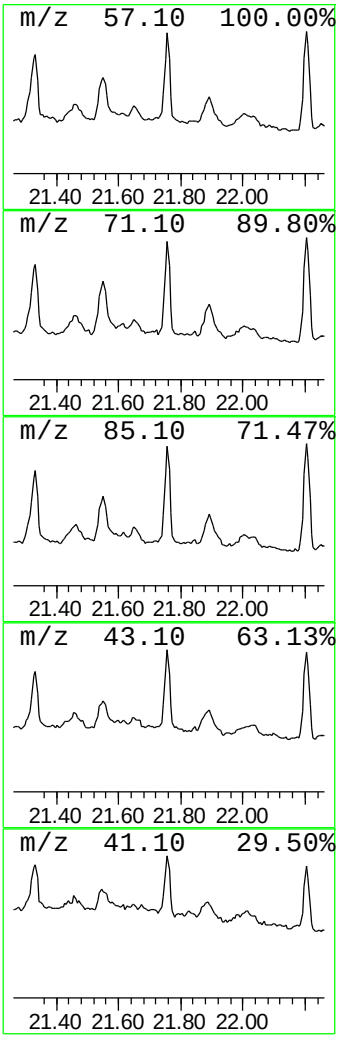
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.80 ng/ul	830739	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Triacontane	422	C30H62	000638-68-6	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

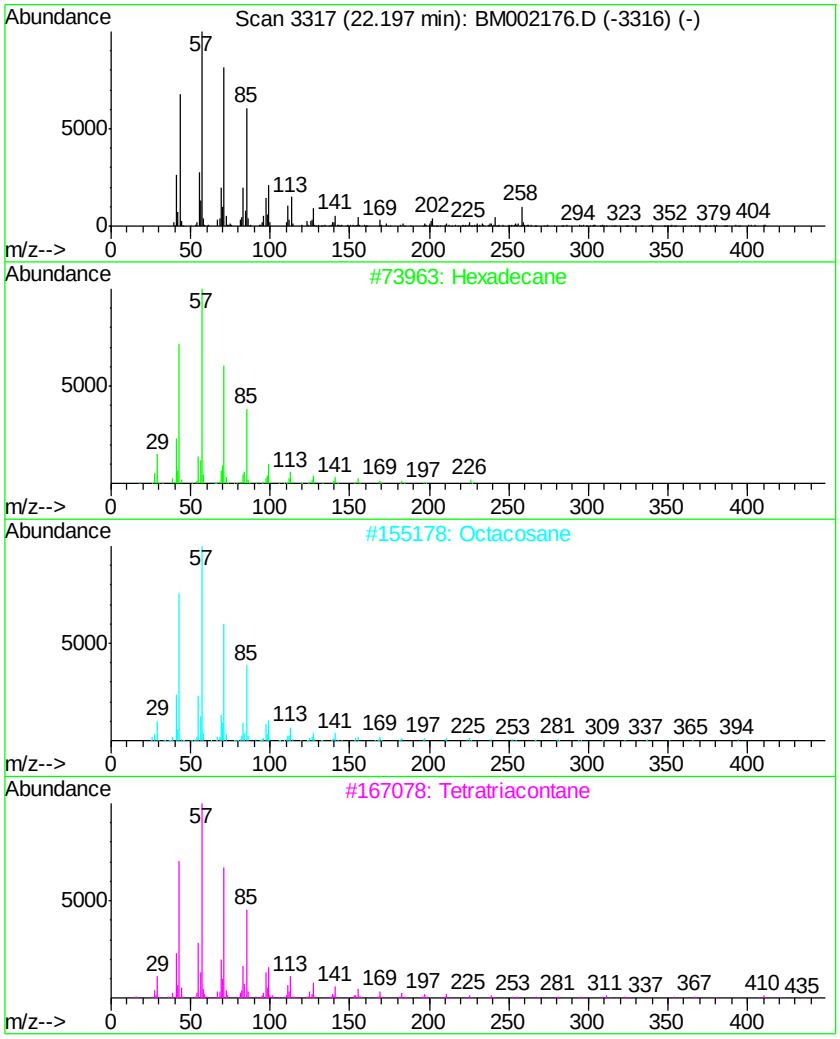
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

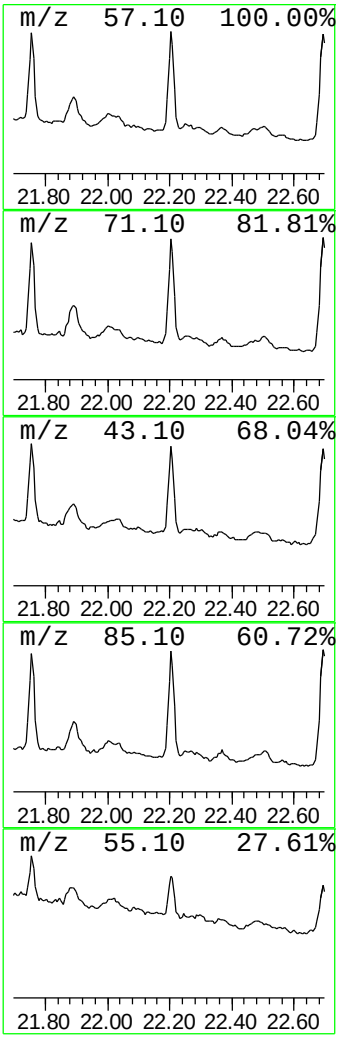
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	4.04 ng/ul	882682	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octacosane	394	C28H58	000630-02-4	93
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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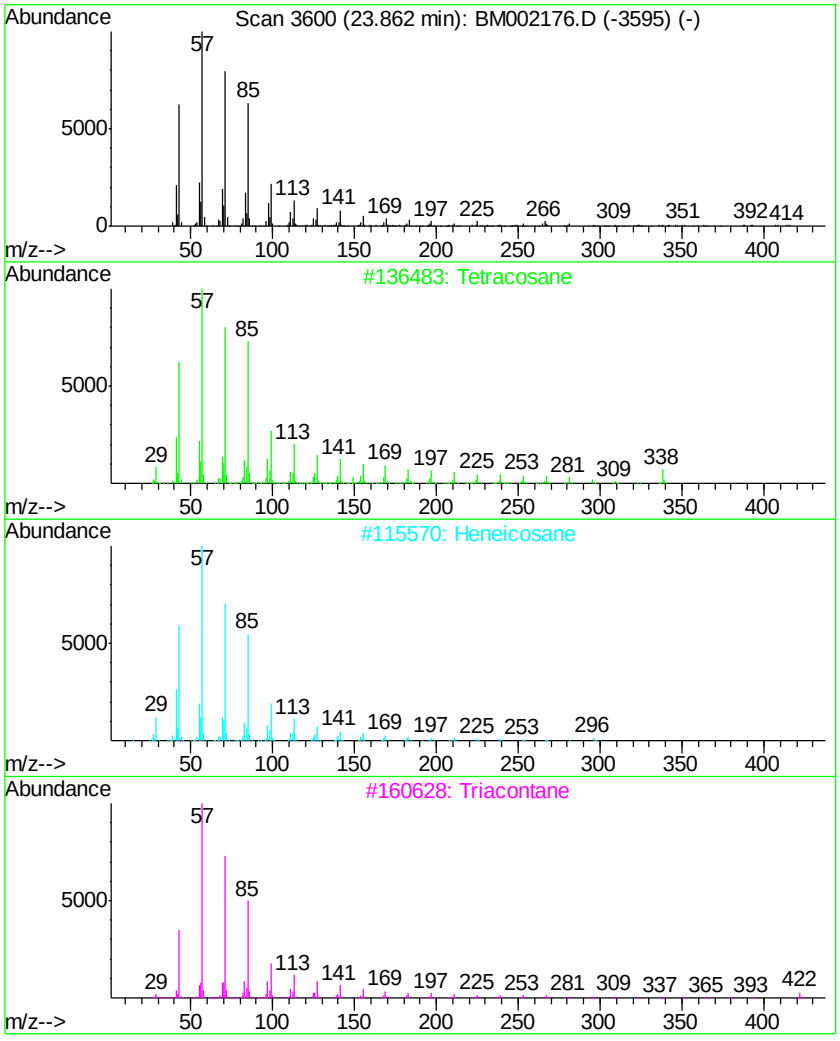
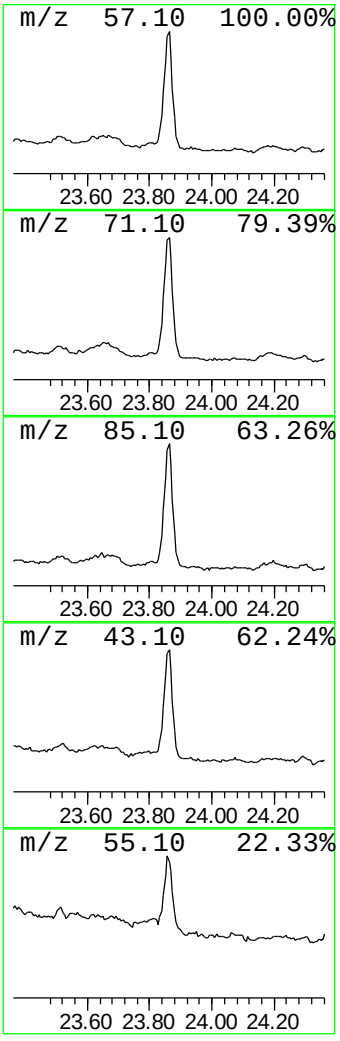
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	26.30 ng/ul	1041280	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

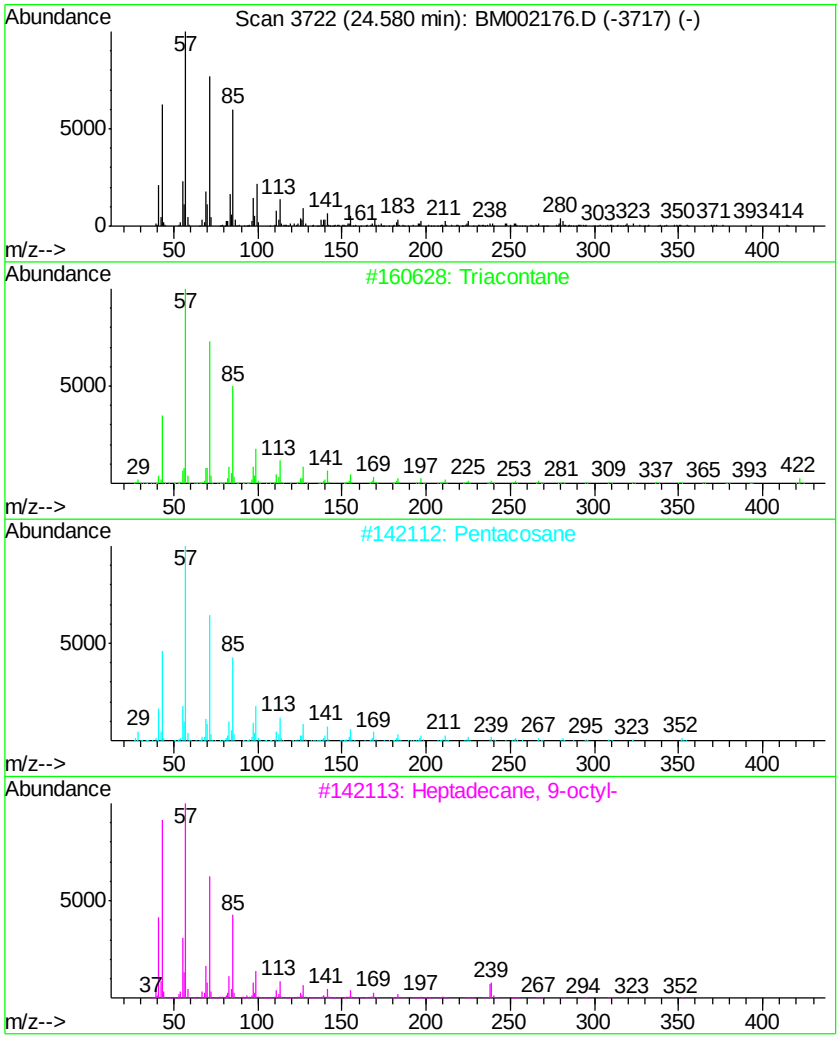
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

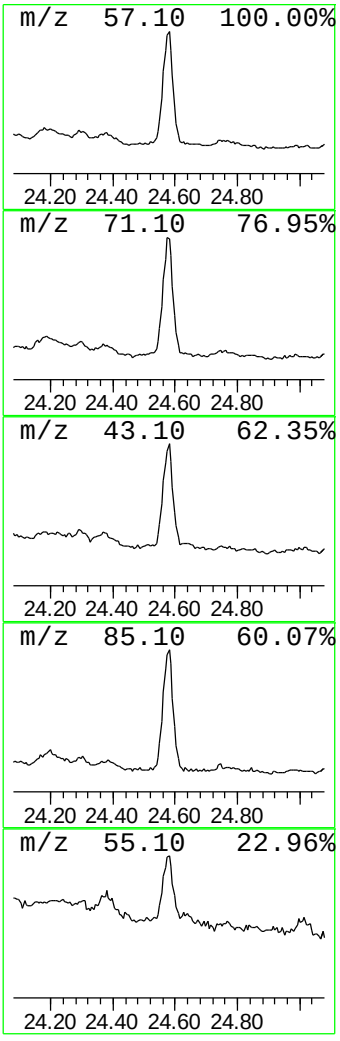
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.58	15.71 ng/ul	622057	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Methyl Isobutyl K...	3.35	5.8	ng/ul	141501	1	7.55	483808	20.0
Benzene, propyl-	6.53	5.1	ng/ul	123097	1	7.55	483808	20.0
Benzene, 1-ethyl-...	6.64	5.0	ng/ul	121233	1	7.55	483808	20.0
Benzene, 1,2,3-tr...	7.20	14.3	ng/ul	346859	1	7.55	483808	20.0
Benzene, 1,2-diet...	8.03	2.8	ng/ul	67809	1	7.55	483808	20.0
Benzene, 1,3-diet...	8.19	5.6	ng/ul	134823	1	7.55	483808	20.0
Benzene, 1-ethyl-...	8.65	7.5	ng/ul	181503	1	7.55	483808	20.0
Benzene, 1,2,3,4-...	9.17	3.3	ng/ul	117101	2	10.34	701217	20.0
unknown-01	15.49	2.1	ng/ul	106819	3	14.22	1023390	20.0
Dibenzofuran, 4-m...	15.57	2.8	ng/ul	140764	3	14.22	1023390	20.0
9H-Fluoren-9-ol	15.72	2.5	ng/ul	151613	4	16.98	1218920	20.0
(DEL) Alkane: Str...	15.96	3.7	ng/ul	227724	4	16.98	1218920	20.0
9H-Fluoren-9-one	16.63	3.6	ng/ul	217719	4	16.98	1218920	20.0
Anthracene, 1,2,3...	16.73	3.0	ng/ul	184175	4	16.98	1218920	20.0
Naphtho[2,3-b]thi...	16.79	6.6	ng/ul	400880	4	16.98	1218920	20.0
Acridine	17.17	2.7	ng/ul	163572	4	16.98	1218920	20.0
Benzene, 1,1'-(1-...	17.56	2.0	ng/ul	124390	4	16.98	1218920	20.0
Phenanthrene, 2-m...	17.85	6.8	ng/ul	412944	4	16.98	1218920	20.0
Phenanthrene, 1-m...	17.90	12.8	ng/ul	782258	4	16.98	1218920	20.0
Phenanthrene, 3-m...	17.98	5.5	ng/ul	331924	4	16.98	1218920	20.0
4H-Cyclopenta[def...	18.04	18.5	ng/ul	1126660	4	16.98	1218920	20.0
unknown-02	18.09	27.4	ng/ul	1671410	4	16.98	1218920	20.0
unknown-03	18.26	136.1	ng/ul	8293680	4	16.98	1218920	20.0
2-Phenylnaphthalene	18.36	5.6	ng/ul	341352	4	16.98	1218920	20.0
9,10-Anthracenedione	18.41	8.0	ng/ul	487944	4	16.98	1218920	20.0
18-Norabietane	18.46	200.8	ng/ul	12235200	4	16.98	1218920	20.0
4b,8-Dimethyl-2-i...	18.60	12.1	ng/ul	738455	4	16.98	1218920	20.0
10,18-Bisnorabiet...	18.74	7.9	ng/ul	480609	4	16.98	1218920	20.0
1,1'-Biphenyl, 2,...	19.64	2.5	ng/ul	534559	5	21.19	4372500	20.0
Cyclopenta(cd)pyr...	21.33	3.8	ng/ul	835936	5	21.19	4372500	20.0
Phosphoric acid, ...	21.68	3.4	ng/ul	751874	5	21.19	4372500	20.0
(DEL) Alkane: Str...	21.76	3.8	ng/ul	830739	5	21.19	4372500	20.0
(DEL) Alkane: Str...	22.20	4.0	ng/ul	882682	5	21.19	4372500	20.0
(DEL) Alkane: Str...	23.86	26.3	ng/ul	1041280	6	23.38	791803	20.0
(DEL) Alkane: Str...	24.58	15.7	ng/ul	622057	6	23.38	791803	20.0