LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.823	37	40	52	rVB6	5861	13171	0.92%	0.082%
2	4.334	121	127	136	rBV4	14867	27292	1.90%	0.170%
3	4.875	214	219	223	rBV5	4849	10064	0.70%	0.063%
4	5.457	310	318	321	rBV6	6462	13439	0.93%	0.084%
5	5.997	402	410	418	rBV5	8622	21122	1.47%	0.132%
6	6.338	464	468	476	rVV4	13254	28645	1.99%	0.179%
7	7.307	628	633	641	rBV8	5877	16838	1.17%	0.105%
8	7.425	648	653	657	rVB4	8070	12077	0.84%	0.075%
9	7.501	657	666	673	rVV	109113	216558	15.06%	1.350%
10	7.554	673	675	681	rVB4	10328	16025	1.11%	0.100%
11	7.660	686	693	700	rBV	81024	133278	9.27%	0.831%
12	7.877	723	730	736	rBV	106536	195957	13.62%	1.222%
13	7.936	736	740	744	rVV3	16056	25500	1.77%	0.159%
14	7.983	744	748	755	rVB3	12904	25263	1.76%	0.157%
15	8.347	803	810	822	rVB	153639	275371	19.15%	1.717%
16	8.876	897	900	907	rBV6	5366	11366	0.79%	0.071%
17	8.976	911	917	921	rBV7	11974	21026	1.46%	0.131%
18	9.041	921	928	941	rVB2	119334	234221	16.29%	1.460%
19	9.182	941	952	957	rBV7	4226	9915	0.69%	0.062%
20	9.446	993	997	1001	rVV5	5914	10591	0.74%	0.066%
21	9.516	1001	1009	1021	rVV2	112138	248988	17.31%	1.552%
22	9.652	1028	1032	1038	rVV6	4155	9628	0.67%	0.060%
23	10.239	1123	1132	1143	rVB2	101264	194611	13.53%	1.213%
24	10.551	1180	1185	1190	rBV8	7291	12688	0.88%	0.079%
25	10.786	1217	1225	1233	rBV	137135	271037	18.84%	1.690%
26	11.091	1271	1277	1282	rBV	17155	29693	2.06%	0.185%
27	11.167	1282	1290	1296	rBV	223216	426529	29.66%	2.659%
28	11.297	1304	1312	1328	rVB3	58951	140094	9.74%	0.873%
29	12.125	1450	1453	1461	rVB6	7485	10390	0.72%	0.065%
30	12.525	1514	1521	1530	rBV6	12637	24522	1.70%	0.153%
31	12.730	1551	1556	1562	rBV9	5100	10687	0.74%	0.067%
32	12.795	1562	1567	1575	rBV	35757	61733	4.29%	0.385%
33	12.930	1583	1590	1598	rVB6	4284	8848	0.62%	0.055%
34	13.018	1598	1605	1611	rBV4	18215	34924	2.43%	0.218%

LSC Area Percent Report

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Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	13.247	1635	1644	1646	rBV9	5225	13438	0.93%	0.084%
36	13.541	1688	1694	1700	rBV7	6873	10981	0.76%	0.068%
37	13.741	1724	1728	1732	rBV5	10772	18765	1.30%	0.117%
38	13.782	1732	1735	1743	rVB3	15081	27502	1.91%	0.171%
39	13.882	1745	1752	1756	rBV9	4473	9367	0.65%	0.058%
40	14.129	1782	1794	1801	rVB8	19405	55064	3.83%	0.343%
41	14.276	1813	1819	1824	rBV3	22566	44146	3.07%	0.275%
42	14.340	1824	1830	1835	rVV	280535	448101	31.16%	2.793%
43	14.387	1835	1838	1845	rVV	93854	131130	9.12%	0.817%
44	14.505	1853	1858	1863	rBV4	14981	23362	1.62%	0.146%
45	14.652	1876	1883	1894	rBV	278561	484808	33.71%	3.022%
46	14.804	1905	1909	1914	rVB5	12604	18209	1.27%	0.114%
47	14.957	1921	1935	1941	rBV2	347904	632774	44.00%	3.945%
48	15.022	1941	1946	1952	rVB4	30384	52550	3.65%	0.328%
49	15.157	1963	1969	1983	rBV3	70160	178309	12.40%	1.112%
50	15.339	1990	2000	2008	rBV6	45268	118736	8.26%	0.740%
51	15.421	2008	2014	2023	rVB6	20354	41093	2.86%	0.256%
52	15.562	2033	2038	2042	rBV7	15359	30181	2.10%	0.188%
53	15.615	2042	2047	2052	rVV6	13688	24107	1.68%	0.150%
54	15.744	2060	2069	2077	rVB8	20820	69709	4.85%	0.435%
55	15.862	2079	2089	2092	rBV7	9456	20995	1.46%	0.131%
56	15.944	2092	2103	2109	rBV	401455	638942	44.42%	3.983%
57	15.997	2109	2112	2119	rVB6	24948	50696	3.52%	0.316%
58	16.068	2119	2124	2130	rBV2	62094	95060	6.61%	0.593%
59	16.156	2136	2139	2144	rVB6	7165	10697	0.74%	0.067%
60	16.285	2152	2161	2169	rVB6	18333	51194	3.56%	0.319%
61	16.432	2183	2186	2196	rBV4	15344	26808	1.86%	0.167%
62	16.614	2212	2217	2223	rBV	23991	57698	4.01%	0.360%
63	16.743	2236	2239	2243	rBV6	9453	13849	0.96%	0.086%
64	16.790	2243	2247	2252	rBV7	10469	19584	1.36%	0.122%
65	17.002	2273	2283	2287	rBV7	22403	63529	4.42%	0.396%
66	17.049	2287	2291	2297	rVV5	27003	53937	3.75%	0.336%
67	17.225	2316	2321	2324	rBV7	13361	20559	1.43%	0.128%
68	17.354	2337	2343	2349	rBV3	38029	76724	5.33%	0.478%
69	17.407	2349	2352	2358	rBV4	27355	48953	3.40%	0.305%
70	17.519	2367	2371	2377	rVB	30893	50623	3.52%	0.316%
71	17.707	2395	2403	2406	rBV	421856	677719	47.12%	4.225%

LSC Area Percent Report

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Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	17.748	2406	2410	2415	rVV	389101	591953	41.16%	3.690%
73	17.801	2415	2419	2430	rVV	403093	701577	48.78%	4.374%
74	17.895	2430	2435	2438	rVB4	15997	32158	2.24%	0.200%
75	17.930	2439	2441	2445	rVV4	12524	14333	1.00%	0.089%
76	17.983	2446	2450	2453	rBV5	26467	33967	2.36%	0.212%
77	18.106	2466	2471	2475	rBV3	33041	56641	3.94%	0.353%
78	18.148	2476	2478	2486	rVB3	30061	41096	2.86%	0.256%
79	18.212	2486	2489	2493	rBV4	16203	19708	1.37%	0.123%
80	18.289	2497	2502	2507	rBV	40354	63394	4.41%	0.395%
81	18.430	2522	2526	2532	rVB3	23788	49674	3.45%	0.310%
82	18.576	2542	2551	2555	rBV2	149050	356805	24.81%	2.224%
83	18.623	2555	2559	2565	rVB	170834	266087	18.50%	1.659%
84	18.764	2577	2583	2587	rBV3	115468	241424	16.79%	1.505%
85	19.064	2629	2634	2638	rBV	87463	148829	10.35%	0.928%
86	19.111	2639	2642	2649	rVB3	79638	135798	9.44%	0.847%
87	19.305	2667	2675	2680	rBV6	51368	140903	9.80%	0.878%
88	19.358	2680	2684	2687	rVV	49558	66706	4.64%	0.416%
89	19.393	2688	2690	2697	rVB3	47463	59583	4.14%	0.371%
90	19.475	2697	2704	2709	rBV2	126337	263263	18.30%	1.641%
91	19.628	2724	2730	2735	rBV5	54933	135656	9.43%	0.846%
92	19.746	2743	2750	2755	rBV	609306	909488	63.24%	5.670%
93	19.804	2756	2760	2769	rVV6	91510	196262	13.65%	1.223%
94	20.081	2801	2807	2809	rBV2	627534	981658	68.25%	6.119%
95	20.110	2809	2812	2817	rVB	637814	899455	62.54%	5.607%
96	20.169	2819	2822	2827	rVB2	82589	108898	7.57%	0.679%
97	20.386	2856	2859	2862	rBV2	143863	182853	12.71%	1.140%
98	20.897	2943	2946	2950	rVB2	83435	103248	7.18%	0.644%
99	22.037	3132	3140	3145	rBV2	567944	1438252	100.00%	8.966%
100	22.090	3146	3149	3161	rVB	325289	589885	41.01%	3.677%

Sum of corrected areas: 16041544

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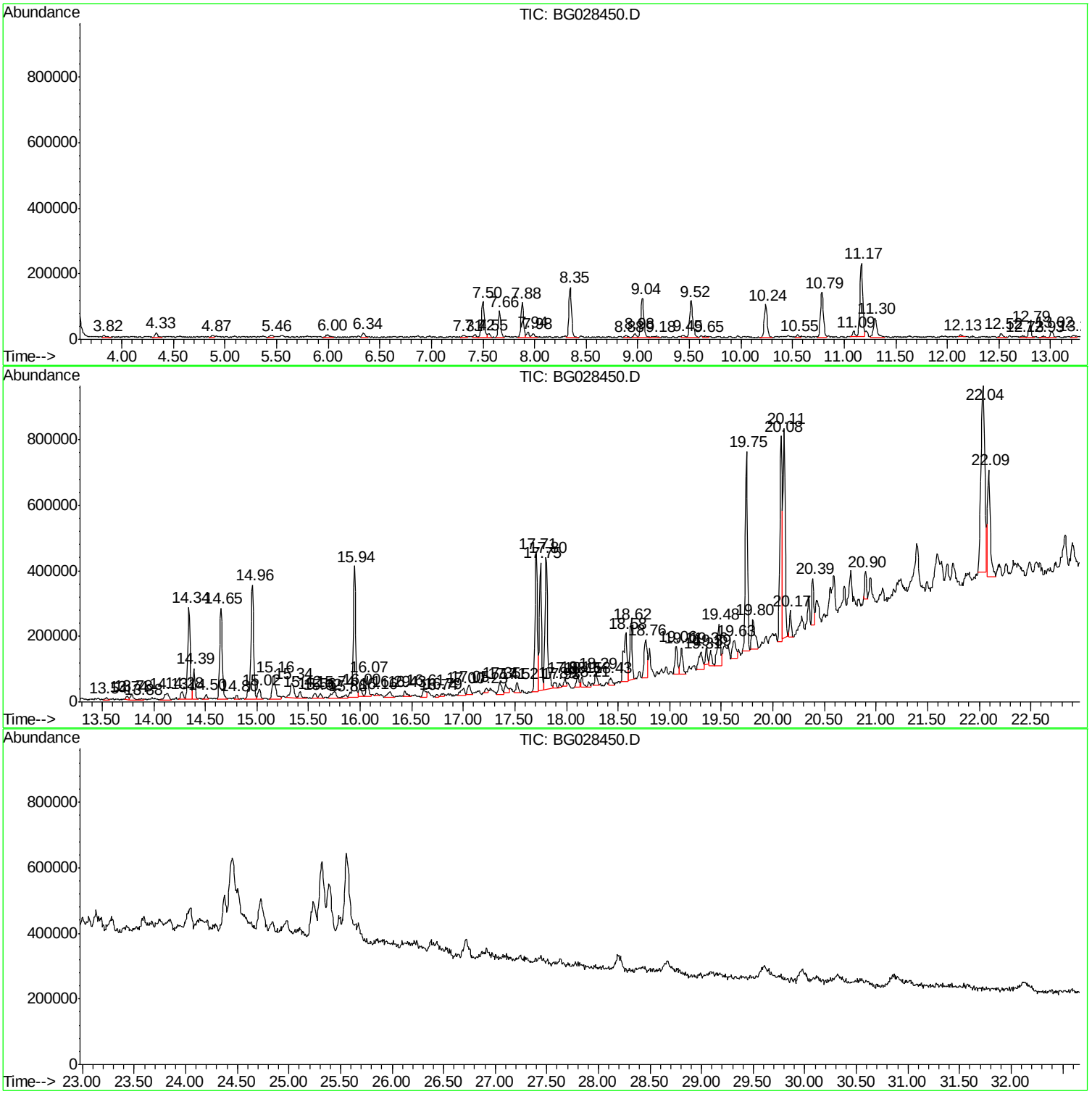
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

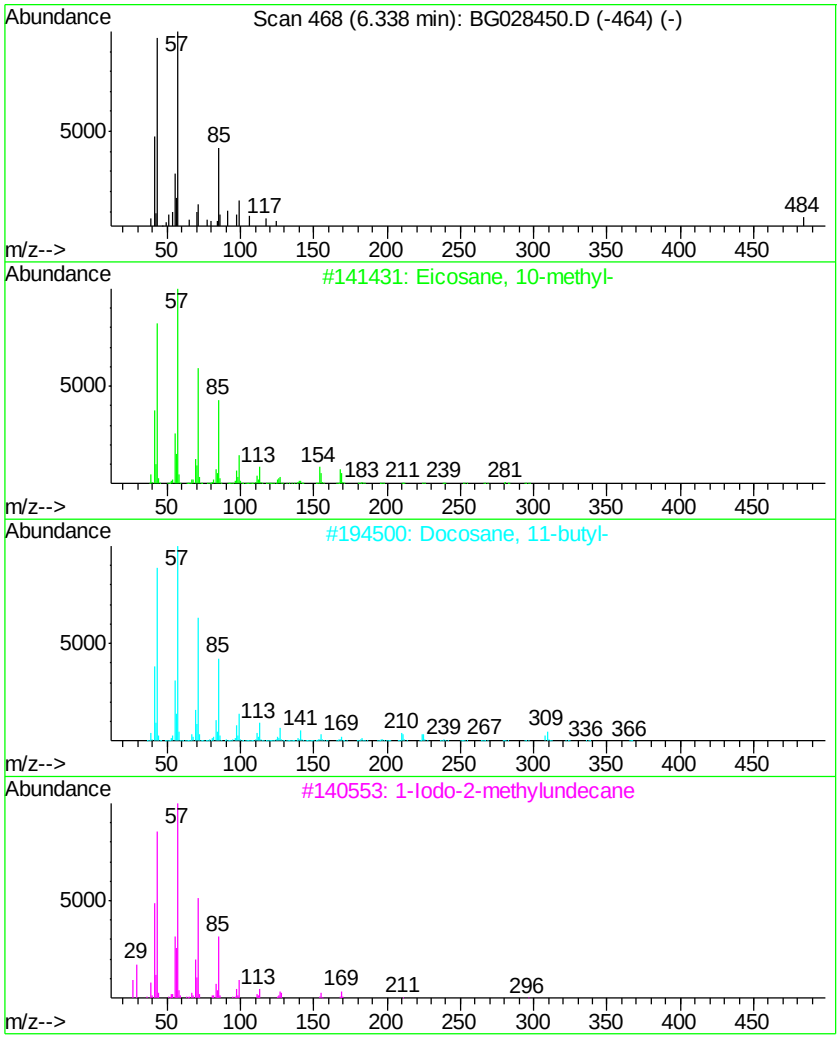
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

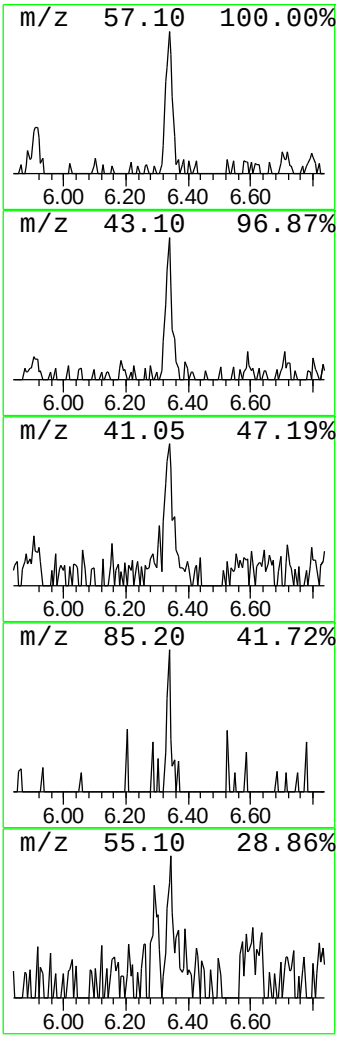
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	2.08 ng/ul	28645	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	50
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	40
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	40
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	40
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

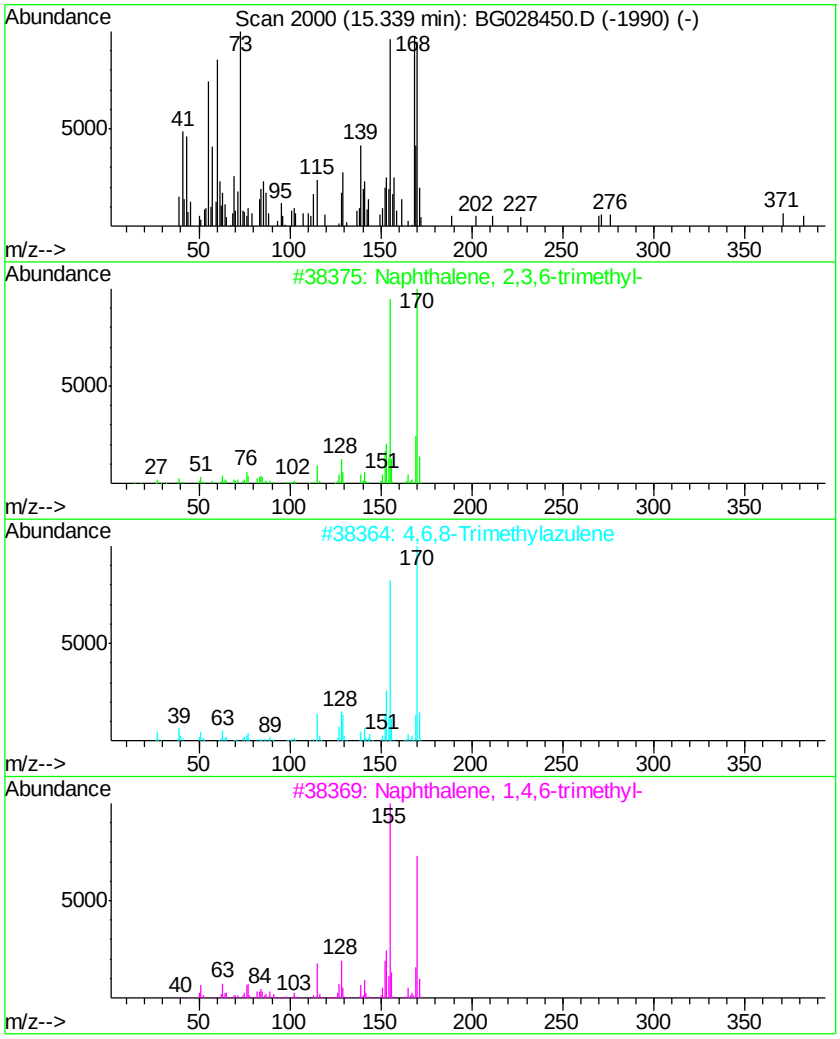
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

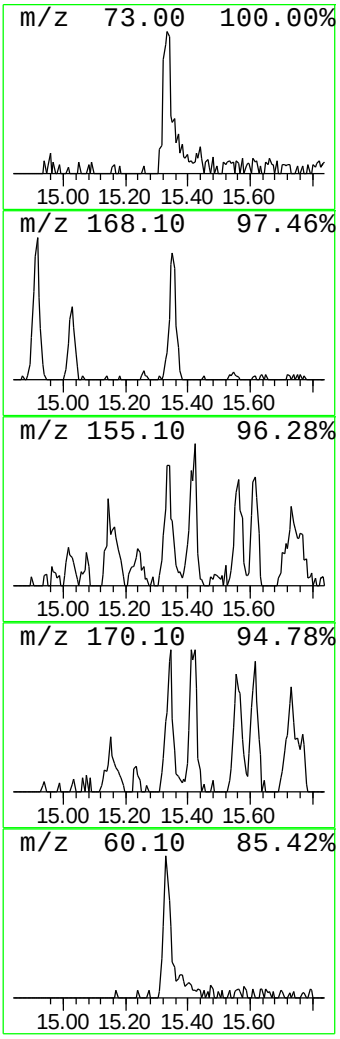
****

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.75 ng/ul	118736	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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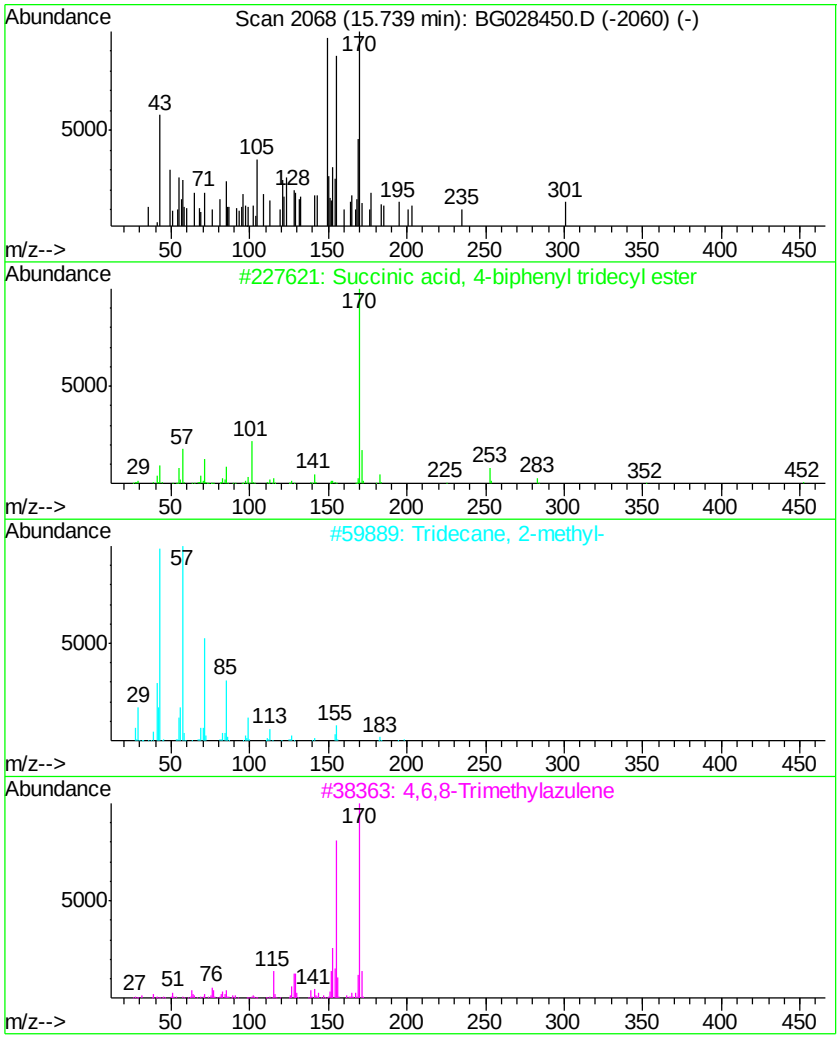
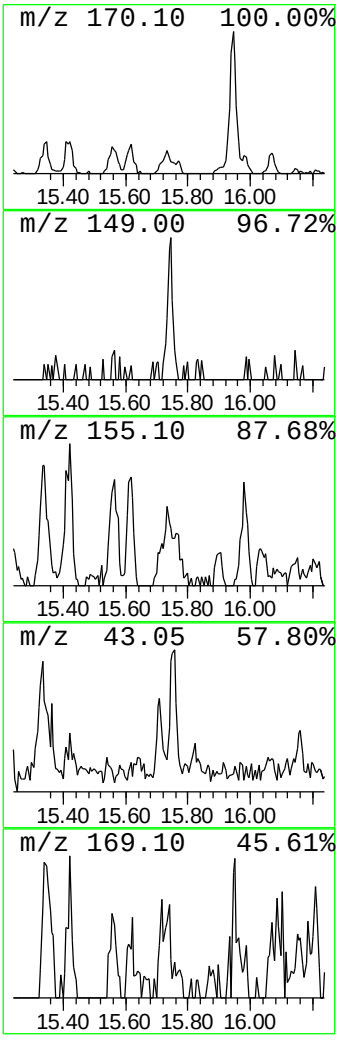
Peak Number 3 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.20 ng/ul	69709	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 4-biphenyl tridec...	452	C29H40O4	1000349-70-0	35
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	27
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	25
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	25
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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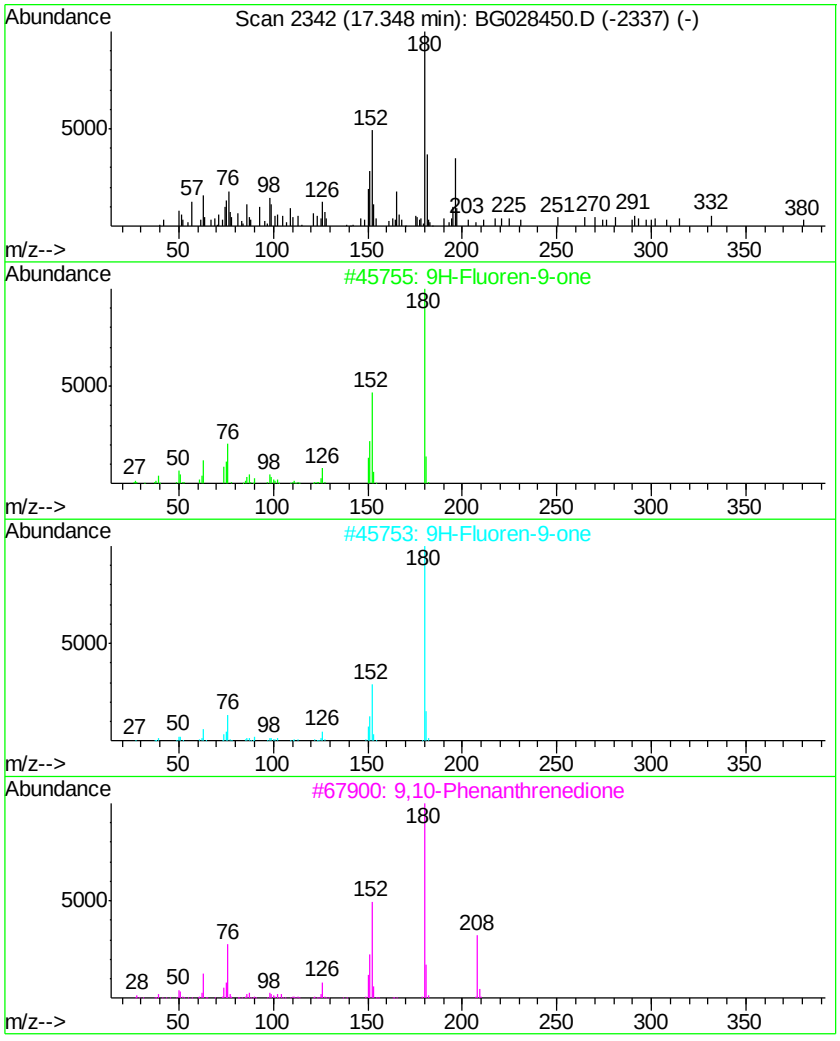
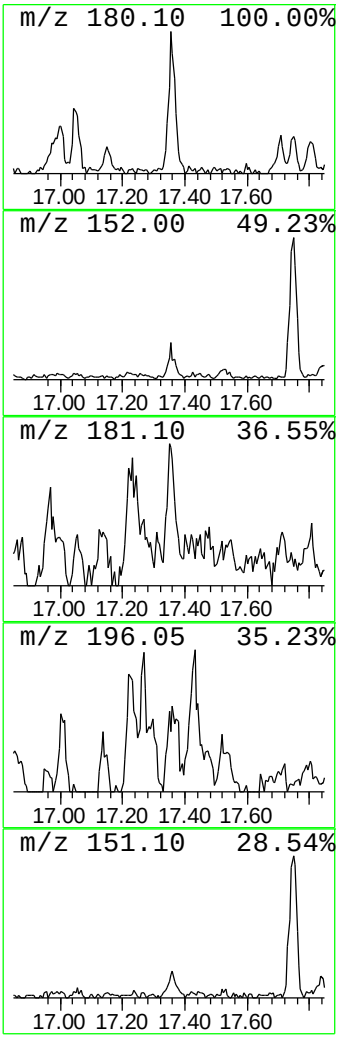
Peak Number 4 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	2.26 ng/ul	76724	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	72
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

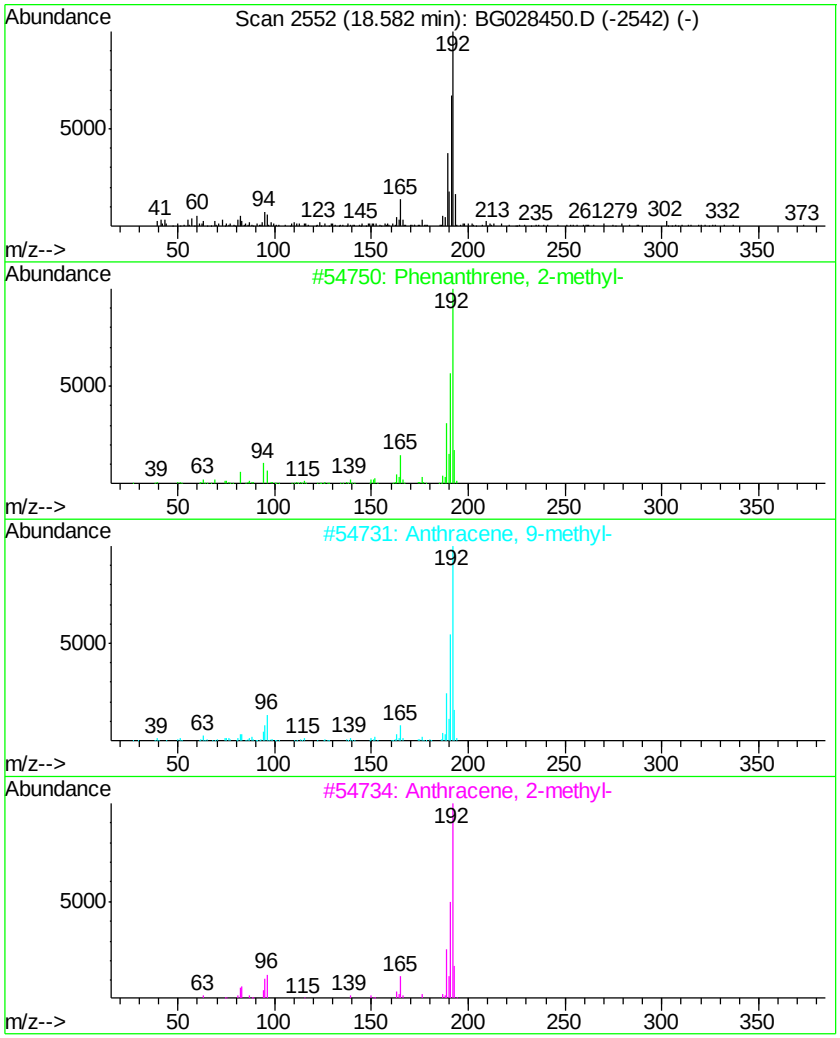
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

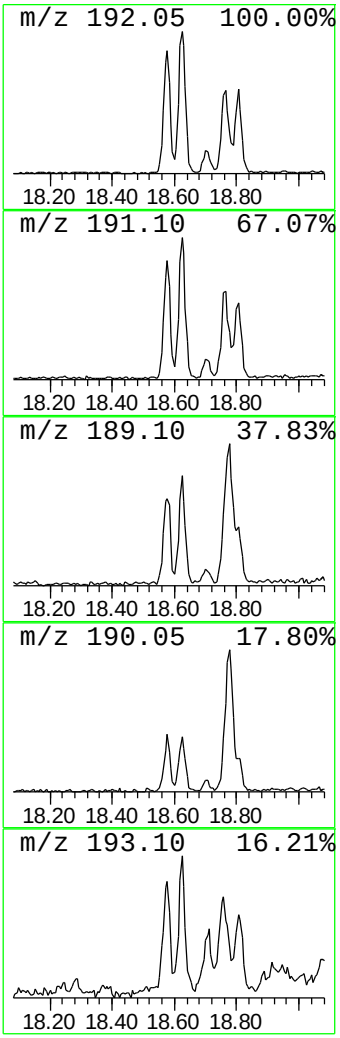
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	10.53 ng/ul	356805	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

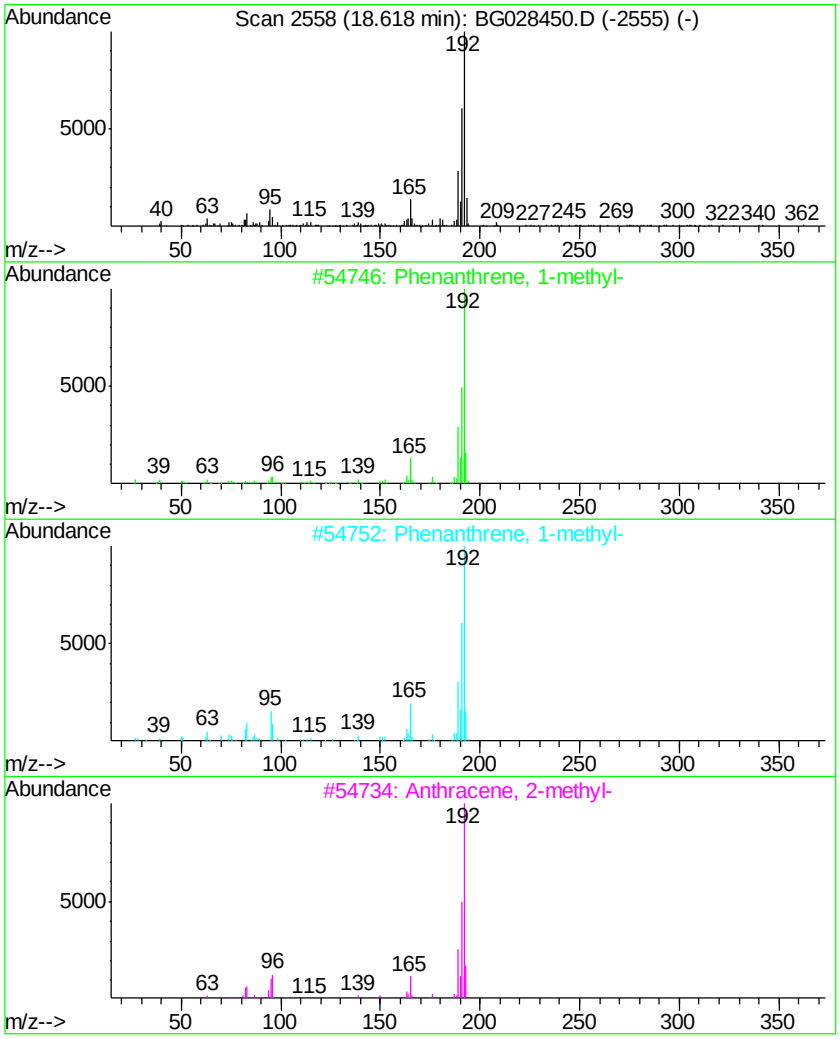
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

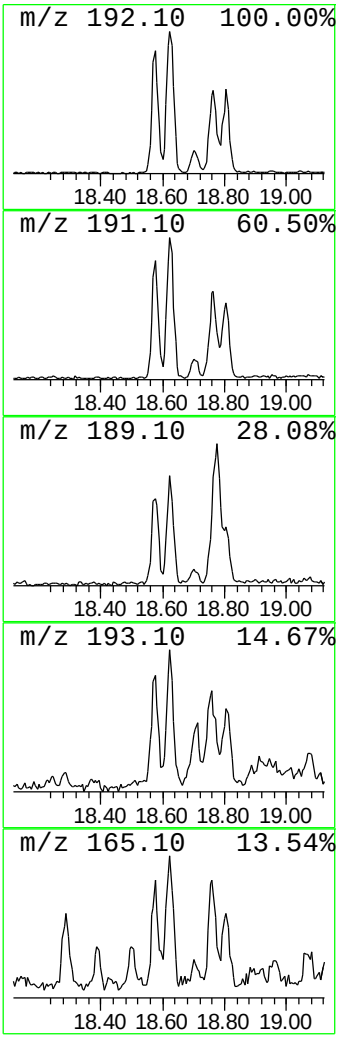
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	7.85 ng/ul	266087	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

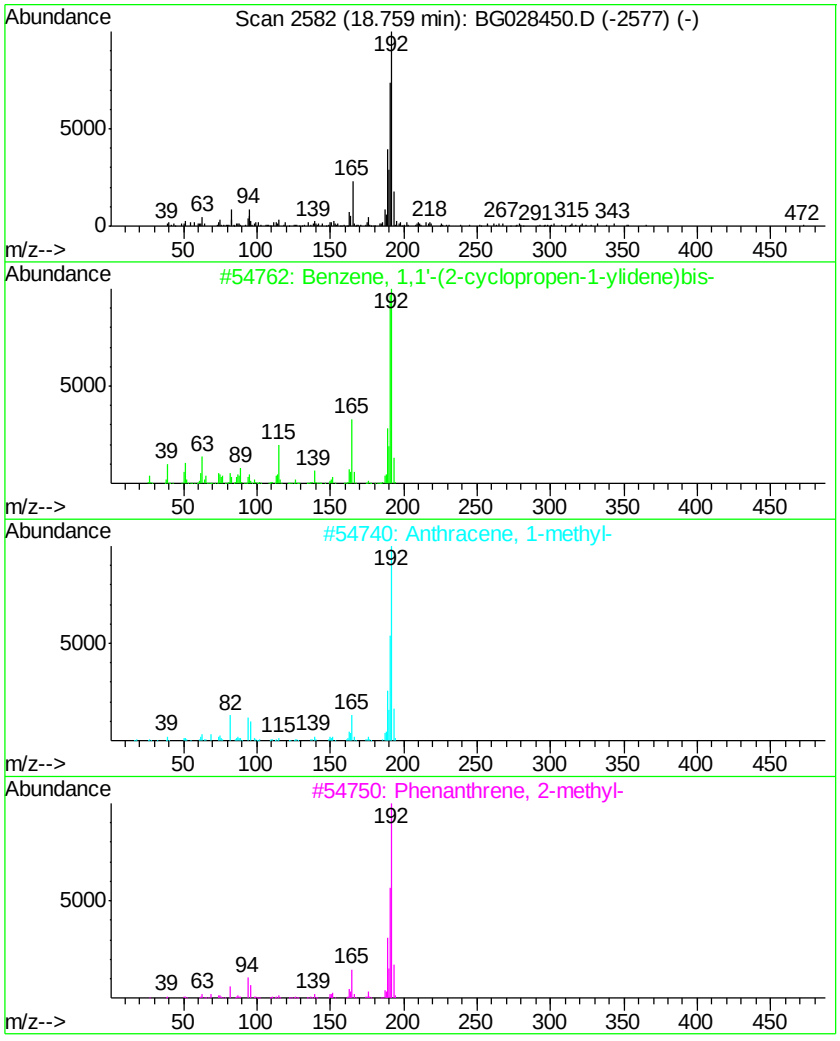
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

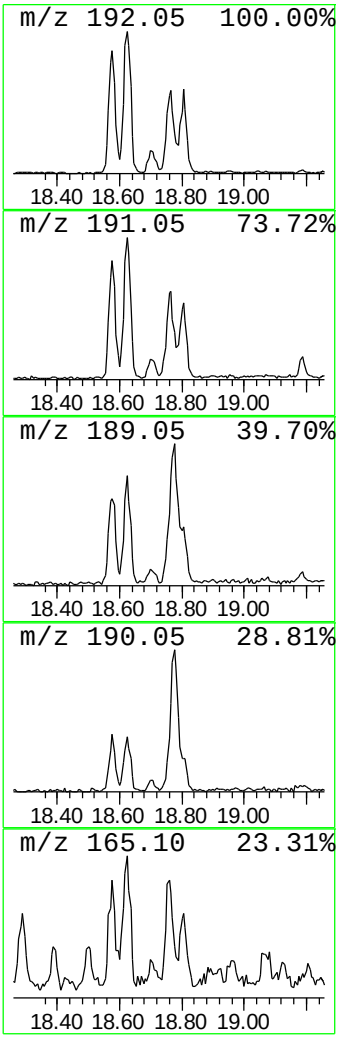
****

Peak Number 7 Benzene, 1,1'-(2-cycloprope... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	7.12 ng/ul	241424	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	52
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





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Acq On : 23 Aug 2017 14:45
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Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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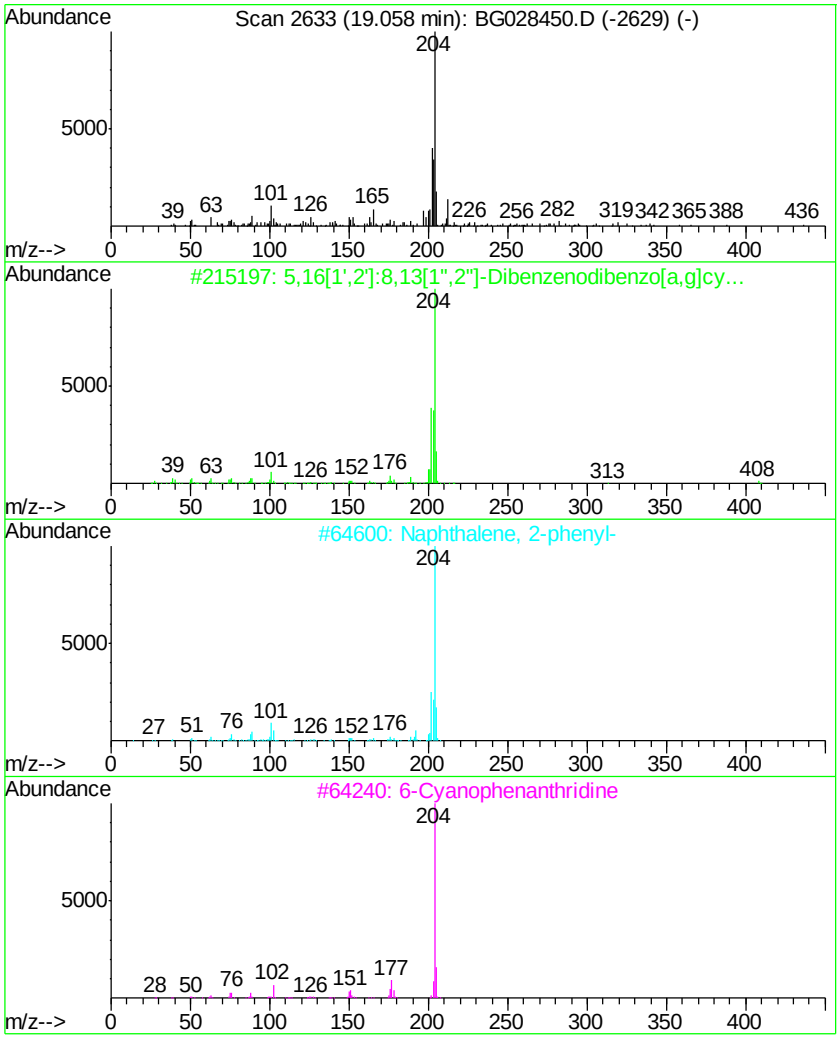
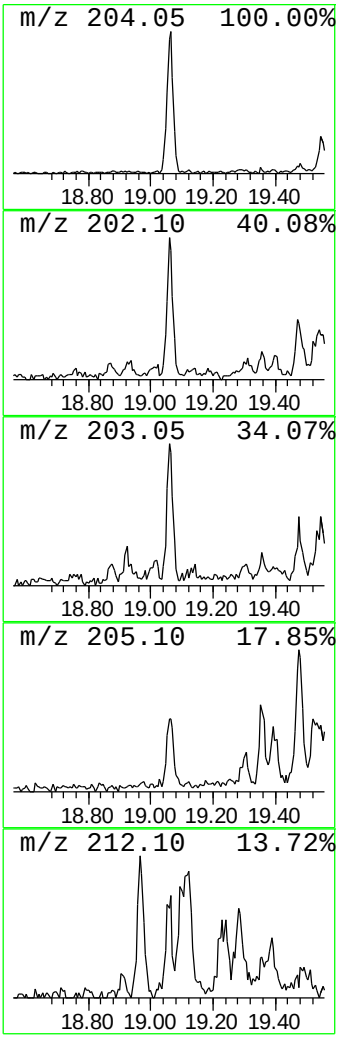
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.39 ng/ul	148829	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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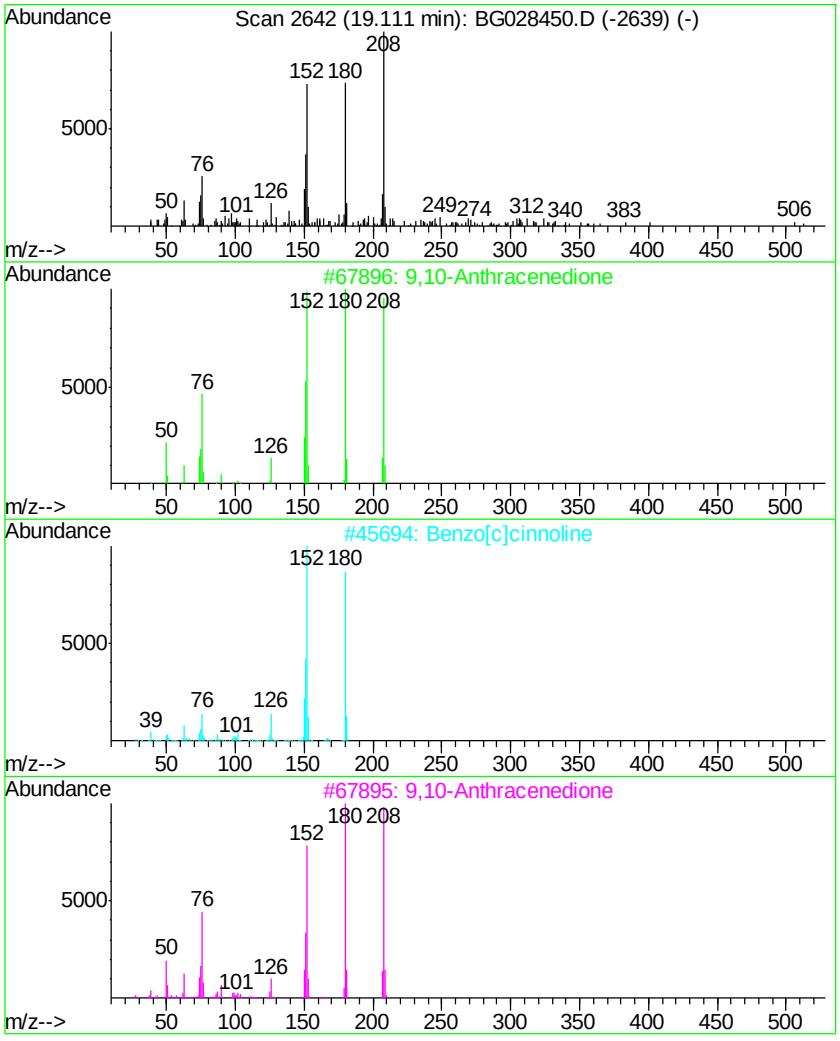
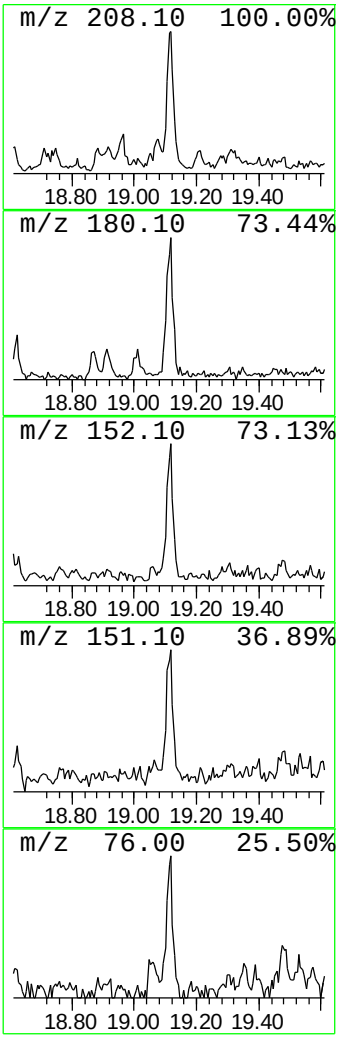
Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	4.01 ng/ul	135798	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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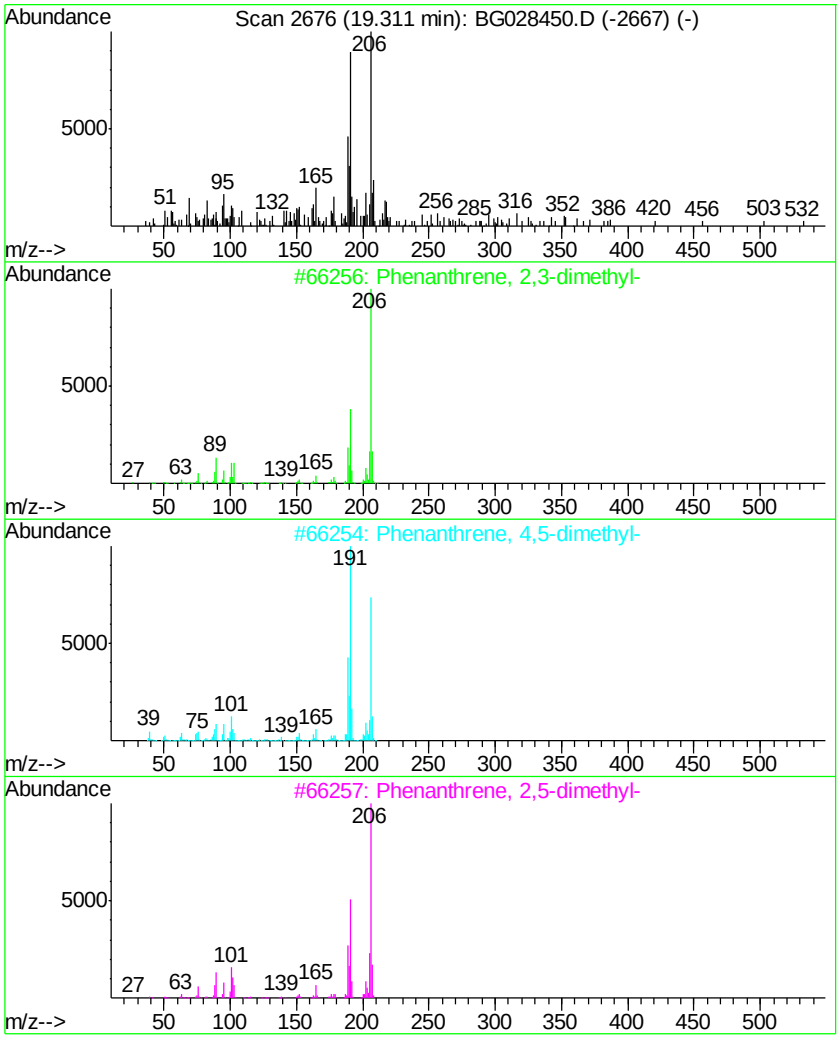
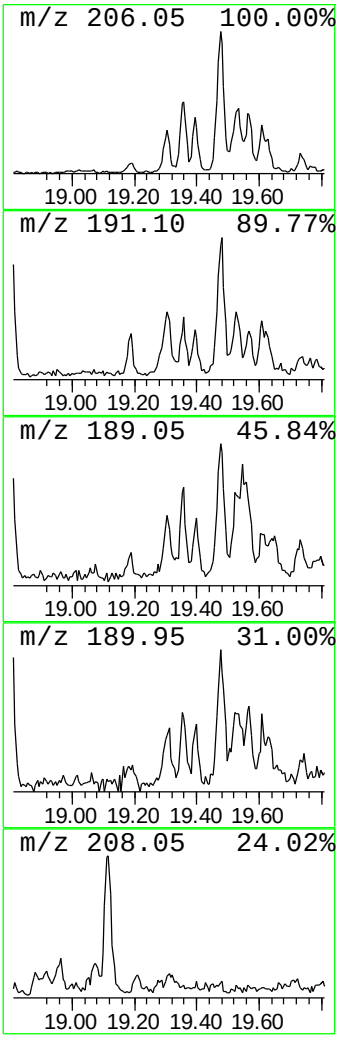
Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	4.16 ng/ul	140903	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	78





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Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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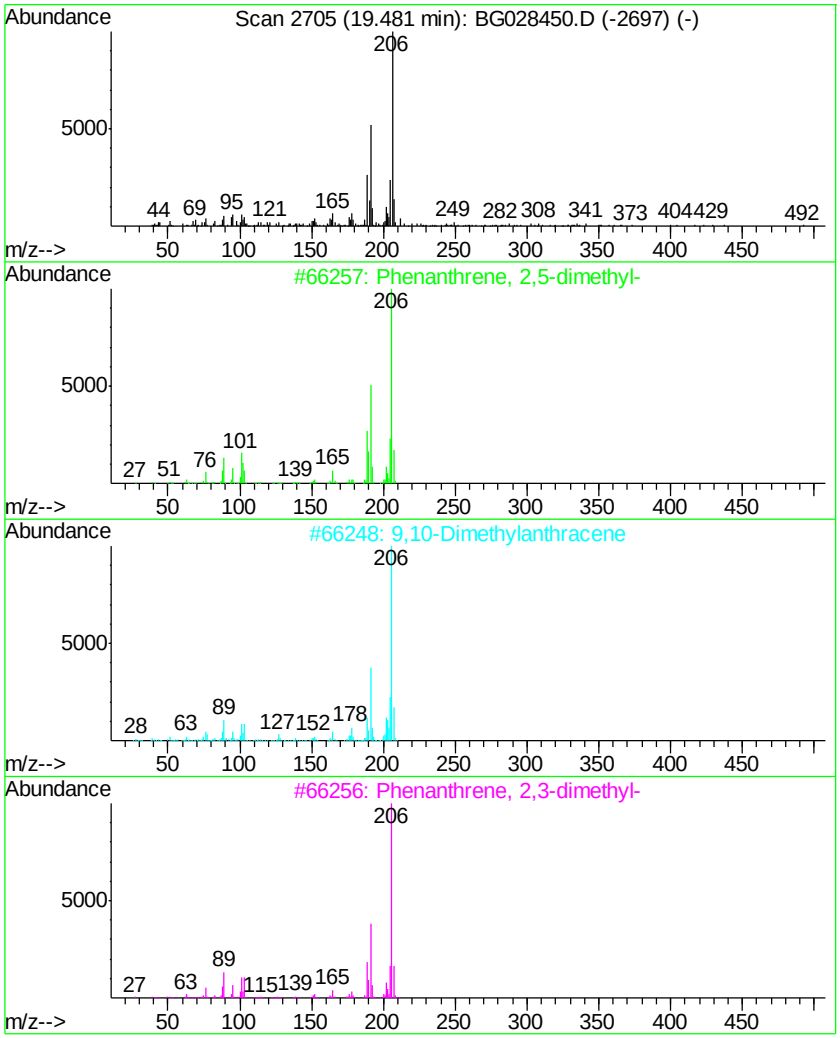
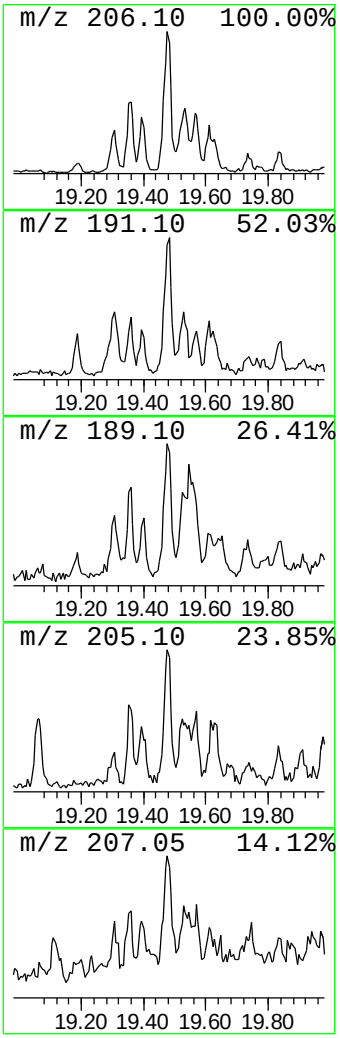
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	7.77 ng/ul	263263	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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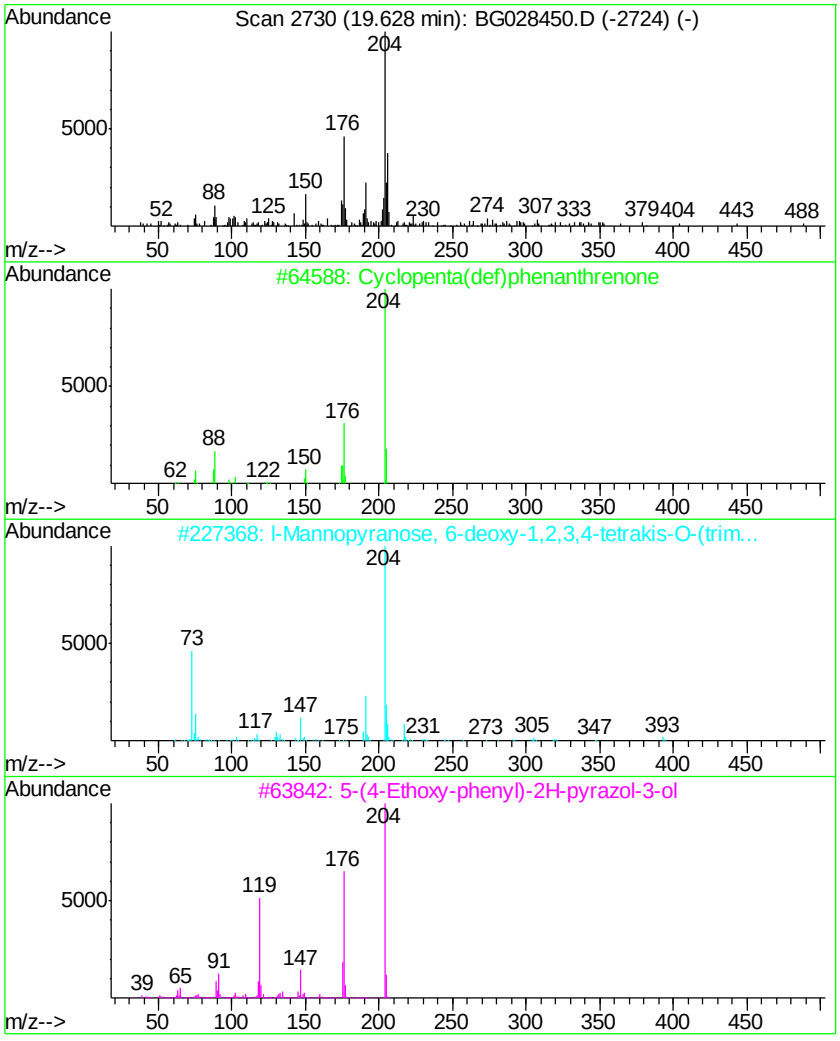
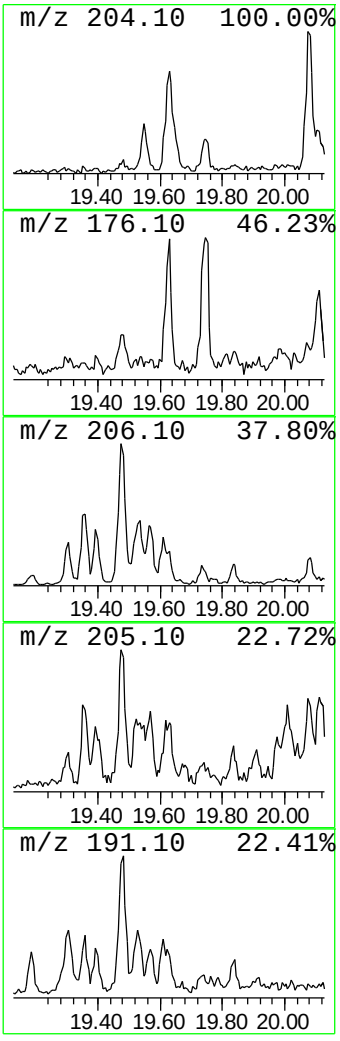
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	4.00 ng/ul	135656	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	l-Mannopyranose, 6-deoxy-1,2,3,4...	452	C18H44O5Si4	108392-01-4	50
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	50





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Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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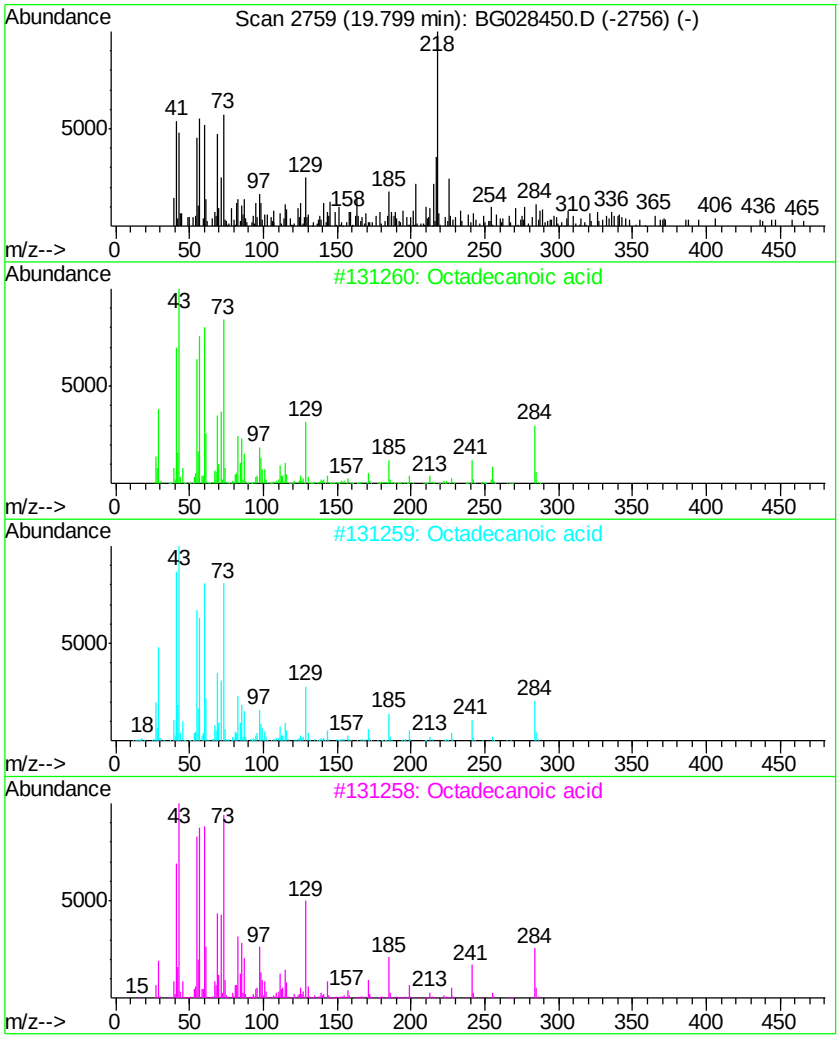
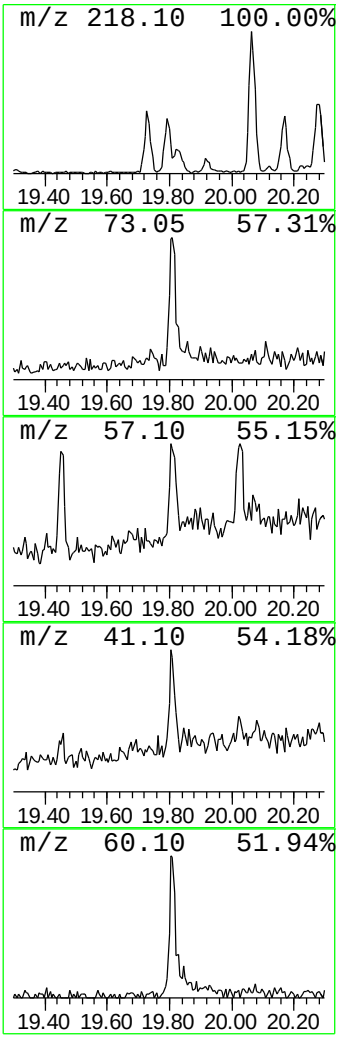
Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	5.79 ng/ul	196262	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	78





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Acq On : 23 Aug 2017 14:45
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Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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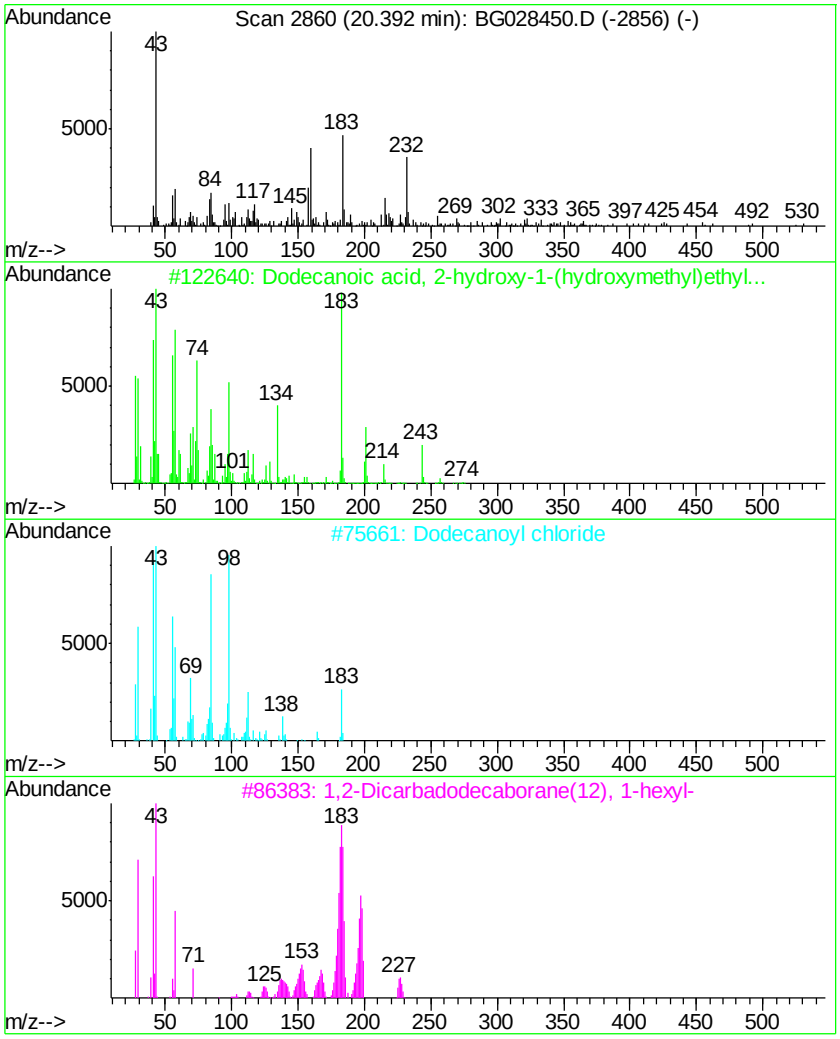
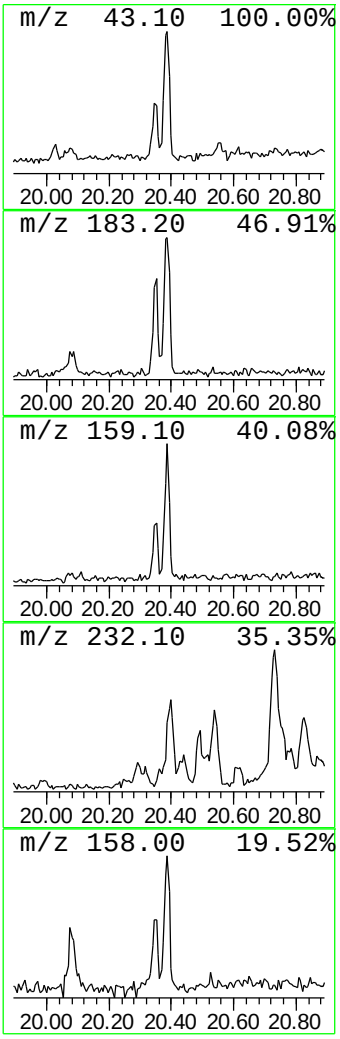
Peak Number 14 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.54 ng/ul	182853	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	46
2	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
3	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	14
4	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	14
5	Phenol, 3,5-dinitro-, acetate (e...	226	C8H6N2O6	034253-18-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.34	2.1	ng/ul	28645	1	8.35	275371	20.0
unknown-01	15.34	3.8	ng/ul	118736	3	14.96	632774	20.0
unknown-02	15.74	2.2	ng/ul	69709	3	14.96	632774	20.0
9H-Fluoren-9-one	17.35	2.3	ng/ul	76724	4	17.71	677719	20.0
Phenanthrene, 2-m...	18.58	10.5	ng/ul	356805	4	17.71	677719	20.0
Phenanthrene, 1-m...	18.62	7.8	ng/ul	266087	4	17.71	677719	20.0
Benzene, 1,1'-(2-...	18.76	7.1	ng/ul	241424	4	17.71	677719	20.0
5,16[1',2']:8,13[...	19.06	4.4	ng/ul	148829	4	17.71	677719	20.0
9,10-Anthracenedione	19.11	4.0	ng/ul	135798	4	17.71	677719	20.0
Phenanthrene, 2,3...	19.31	4.2	ng/ul	140903	4	17.71	677719	20.0
Phenanthrene, 2,5...	19.48	7.8	ng/ul	263263	4	17.71	677719	20.0
Cyclopenta(def)ph...	19.63	4.0	ng/ul	135656	4	17.71	677719	20.0
Octadecanoic acid	19.80	5.8	ng/ul	196262	4	17.71	677719	20.0
unknown-03	20.39	2.5	ng/ul	182853	5	22.04	1438250	20.0