LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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	3.828	34	41	47	rBV5	8566	14384	0.53%	0.044%
2	4.327	120	126	134	rVB4	9348	15592	0.57%	0.047%
3	7.500	655	666	680	rVV	177459	365172	13.38%	1.109%
4	7.659	686	693	707	rVB	115744	207612	7.61%	0.630%
5	7.876	722	730	745	rVB	168351	304817	11.17%	0.926%
6	8.346	800	810	821	rBV	177192	316935	11.61%	0.962%
7	9.039	921	928	942	rVV	213192	408496	14.97%	1.240%
8	9.509	999	1008	1020	rBV	176706	331246	12.14%	1.006%
9	10.238	1123	1132	1142	rVB	158937	296582	10.87%	0.901%
10	10.784	1215	1225	1244	rVV	237809	464064	17.01%	1.409%
11	11.166	1281	1290	1302	rBV	271462	518102	18.99%	1.573%
12	11.295	1302	1312	1330	rBV2	132832	276031	10.12%	0.838%
13	13.305	1648	1654	1660	rVB5	6142	11575	0.42%	0.035%
14	13.540	1689	1694	1700	rVB4	7544	14060	0.52%	0.043%
15	14.345	1821	1831	1835	rVV	459283	690022	25.29%	2.095%
16	14.386	1835	1838	1846	rVV	175704	261246	9.57%	0.793%
17	14.650	1876	1883	1894	rVB	479751	774984	28.40%	2.353%
18	14.809	1903	1910	1915	rVB7	4578	11133	0.41%	0.034%
19	14.956	1923	1935	1942	rBV2	435431	749274	27.46%	2.275%
20	15.015	1942	1945	1949	rVB2	13330	17348	0.64%	0.053%
21	15.062	1949	1953	1961	rVB5	13912	23558	0.86%	0.072%
22	15.156	1961	1969	1981	rBV3	80554	183842	6.74%	0.558%
23	15.303	1989	1994	1996	rBV5	7663	11601	0.43%	0.035%
24	15.355	1996	2003	2011	rVV10	21740	52401	1.92%	0.159%
25	15.708	2056	2063	2067	rBV2	10548	18771	0.69%	0.057%
26	15.749	2067	2070	2077	rVB4	12906	20211	0.74%	0.061%
27	15.943	2096	2103	2109	rVV	623455	994823	36.46%	3.021%
28	15.996	2109	2112	2118	rVB2	27408	38970	1.43%	0.118%
29	16.066	2118	2124	2130	rBV	106004	178768	6.55%	0.543%
30	16.190	2135	2145	2152	rVB4	39186	79329	2.91%	0.241%
31	16.307	2158	2165	2167	rVB6	5735	11190	0.41%	0.034%
32	16.431	2182	2186	2195	rBV9	9727	20727	0.76%	0.063%
33	16.613	2211	2217	2224	rBV6	16077	38967	1.43%	0.118%
34	16.918	2259	2269	2274	rBV6	10686	31447	1.15%	0.095%

LSC Area Percent Report

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Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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	16.995	2274	2282	2289	rVV6	10479	33288	1.22%	0.101%
36	17.059	2289	2293	2301	rVV8	9454	24375	0.89%	0.074%
37	17.218	2316	2320	2325	rBV8	7106	16282	0.60%	0.049%
38	17.359	2338	2344	2349	rBV2	19655	33996	1.25%	0.103%
39	17.418	2349	2354	2358	rBV6	12584	24854	0.91%	0.075%
40	17.518	2368	2371	2376	rVB2	29715	41607	1.52%	0.126%
41	17.600	2381	2385	2389	rVB7	11100	16325	0.60%	0.050%
42	17.706	2395	2403	2406	rBV	537239	887195	32.51%	2.694%
43	17.747	2406	2410	2415	rVV	698339	1062598	38.94%	3.227%
44	17.805	2415	2420	2431	rVV2	629938	1115110	40.86%	3.386%
45	17.894	2431	2435	2442	rVB	49445	82773	3.03%	0.251%
46	18.105	2461	2471	2476	rBV2	107661	211896	7.76%	0.643%
47	18.211	2485	2489	2496	rBV9	16407	38721	1.42%	0.118%
48	18.281	2496	2501	2507	rVV10	15430	34490	1.26%	0.105%
49	18.434	2522	2527	2533	rBV9	11704	21705	0.80%	0.066%
50	18.552	2542	2547	2555	rBV2	164233	341342	12.51%	1.037%
51	18.622	2555	2559	2565	rVB3	90432	141516	5.19%	0.430%
52	18.699	2571	2572	2577	rVB5	17437	21241	0.78%	0.065%
53	18.769	2577	2584	2597	rBV3	120035	319881	11.72%	0.971%
54	18.869	2597	2601	2605	rVV7	10496	16339	0.60%	0.050%
55	18.922	2605	2610	2613	rBV7	22078	34758	1.27%	0.106%
56	19.063	2629	2634	2638	rBV	62444	100145	3.67%	0.304%
57	19.110	2638	2642	2651	rVB2	203583	313747	11.50%	0.953%
58	19.274	2668	2670	2672	rBV3	11747	10844	0.40%	0.033%
59	19.304	2672	2675	2678	rVB5	16497	22872	0.84%	0.069%
60	19.357	2681	2684	2686	rBV3	9666	11885	0.44%	0.036%
61	19.474	2698	2704	2708	rBV6	25227	51736	1.90%	0.157%
62	19.621	2723	2729	2736	rBV3	48751	107435	3.94%	0.326%
63	19.744	2743	2750	2757	rBV	1827511	2728896	100.00%	8.287%
64	19.809	2757	2761	2770	rVV2	259496	395575	14.50%	1.201%
65	19.932	2778	2782	2786	rBV6	23289	40405	1.48%	0.123%
66	19.985	2786	2791	2797	rVB3	49440	98901	3.62%	0.300%
67	20.079	2800	2807	2809	rBV2	968049	1633605	59.86%	4.961%
68	20.109	2809	2812	2818	rVV	1478634	2008217	73.59%	6.098%
69	20.167	2818	2822	2828	rVB2	56329	86928	3.19%	0.264%
70	20.273	2837	2840	2846	rVB	80517	118004	4.32%	0.358%
71	20.344	2846	2852	2857	rBV2	64742	124284	4.55%	0.377%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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	20.420	2859	2865	2871	rBV2	56877	138111	5.06%	0.419%
73	20.479	2871	2875	2879	rVB3	42796	60553	2.22%	0.184%
74	20.590	2882	2894	2900	rBV	193517	407434	14.93%	1.237%
75	20.690	2905	2911	2915	rBV	165746	241845	8.86%	0.734%
76	20.749	2915	2921	2925	rVV2	54635	111943	4.10%	0.340%
77	20.890	2942	2945	2950	rBV3	49608	81745	3.00%	0.248%
78	20.937	2950	2953	2963	rVB5	60522	121466	4.45%	0.369%
79	21.390	3025	3030	3037	rVB	104249	201086	7.37%	0.611%
80	21.583	3056	3063	3067	rBV3	137516	283967	10.41%	0.862%
81	21.630	3068	3071	3075	rVB	88000	126188	4.62%	0.383%
82	21.689	3075	3081	3085	rBV2	115617	210422	7.71%	0.639%
83	21.742	3086	3090	3099	rVB2	111415	220737	8.09%	0.670%
84	21.871	3108	3112	3119	rVB3	46641	106582	3.91%	0.324%
85	22.030	3126	3139	3145	rBV3	769311	2354747	86.29%	7.151%
86	22.089	3145	3149	3161	rVB	614516	1128612	41.36%	3.427%
87	22.253	3172	3177	3183	rVB2	97541	182089	6.67%	0.553%
88	22.324	3185	3189	3197	rBV4	53523	113381	4.15%	0.344%
89	22.477	3210	3215	3223	rVB3	83076	159945	5.86%	0.486%
90	22.917	3284	3290	3297	rVB4	72061	176824	6.48%	0.537%
91	23.117	3322	3324	3330	rBV5	31510	56263	2.06%	0.171%
92	24.427	3538	3547	3555	rBV	478285	1734036	63.54%	5.266%
93	24.709	3590	3595	3602	rVB	63723	146754	5.38%	0.446%
94	25.220	3673	3682	3689	rBV	242844	727382	26.65%	2.209%
95	25.308	3689	3697	3703	rVV2	280894	758579	27.80%	2.304%
96	25.385	3704	3710	3722	rVB	344233	1003686	36.78%	3.048%
97	25.544	3729	3737	3748	rBV2	273189	810699	29.71%	2.462%
98	27.418	4053	4056	4067	rVB2	37110	110263	4.04%	0.335%
99	29.574	4412	4423	4444	rVB3	128509	666841	24.44%	2.025%
100	30.867	4629	4643	4656	rBV	69666	360739	13.22%	1.095%

Sum of corrected areas: 32929970

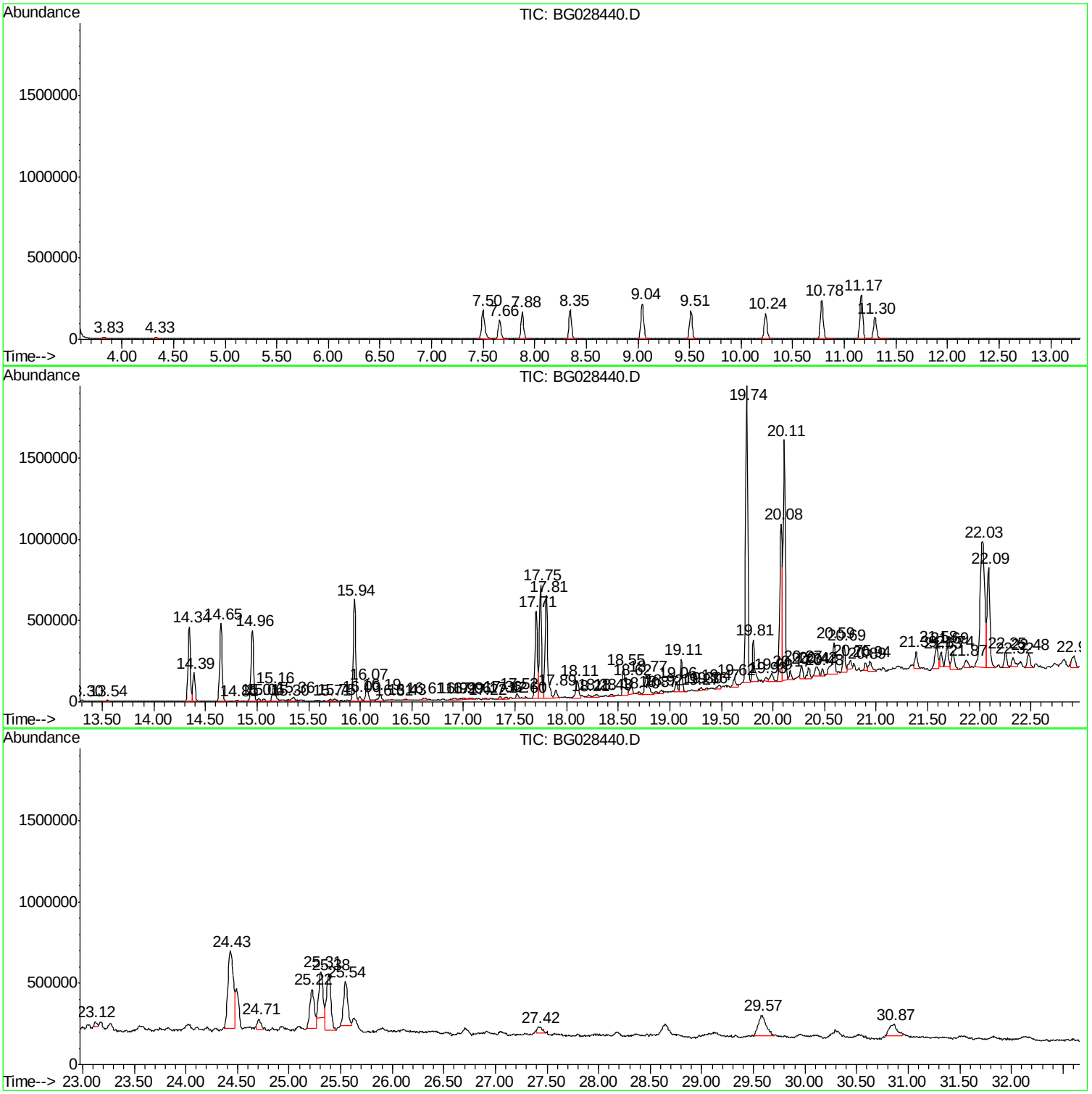
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GD2

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\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

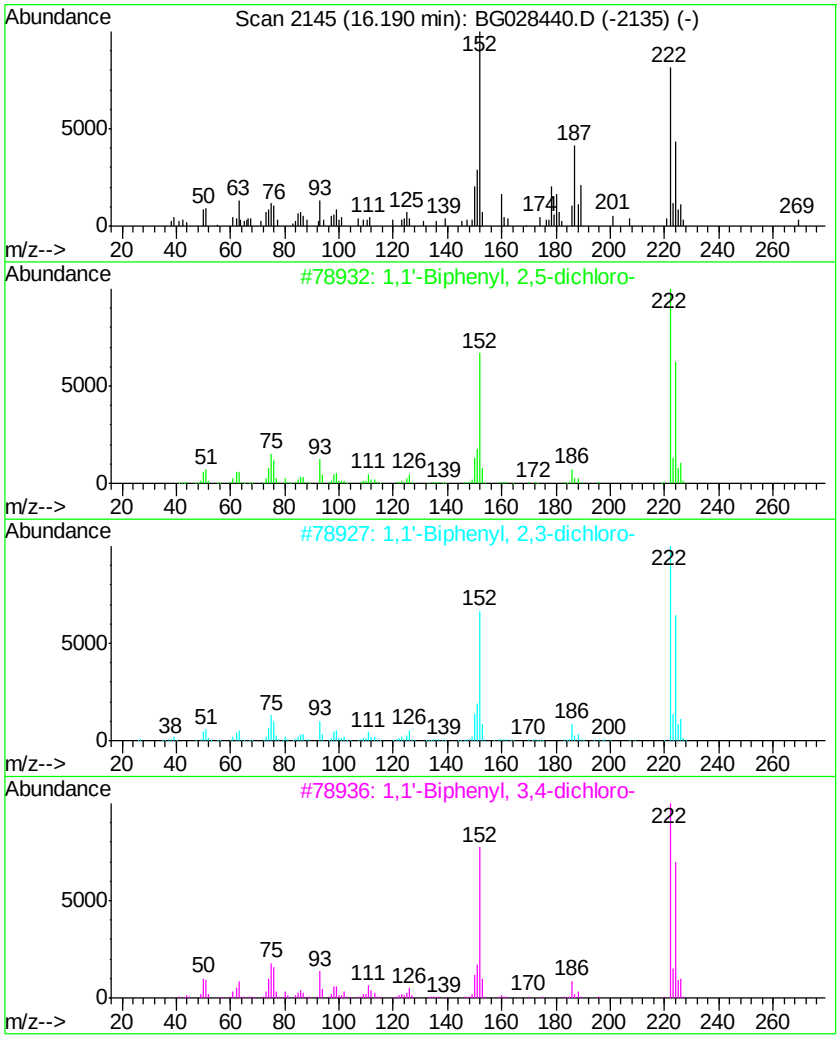
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

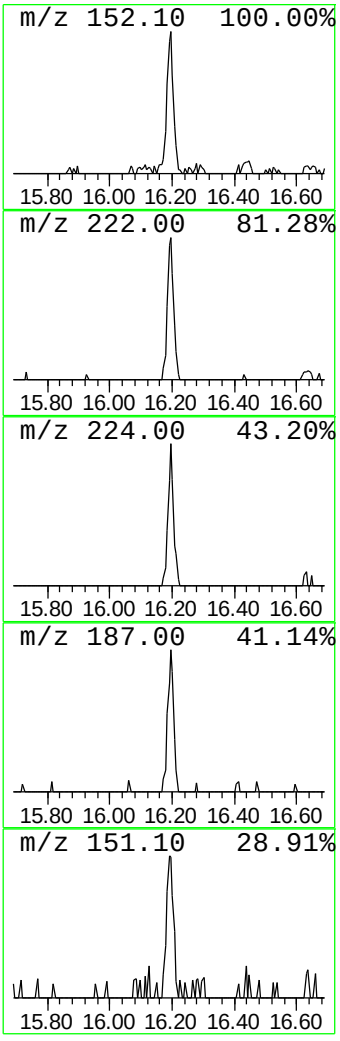
****

Peak Number 1 1,1'-Biphenyl, 2,5-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.12 ng/ul	79329	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	95
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
3	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	95
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

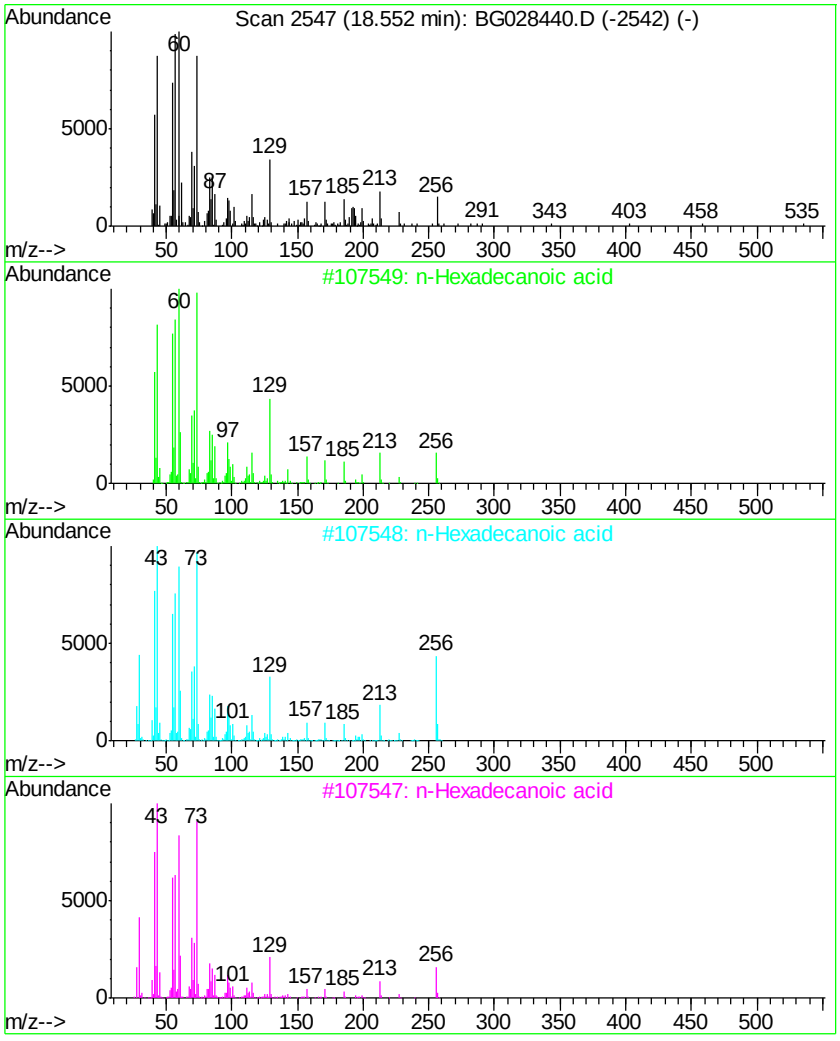
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

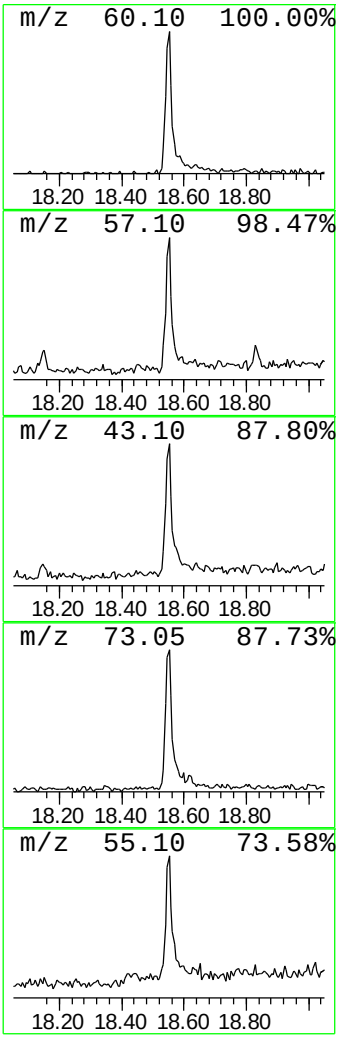
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	7.69 ng/ul	341342	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

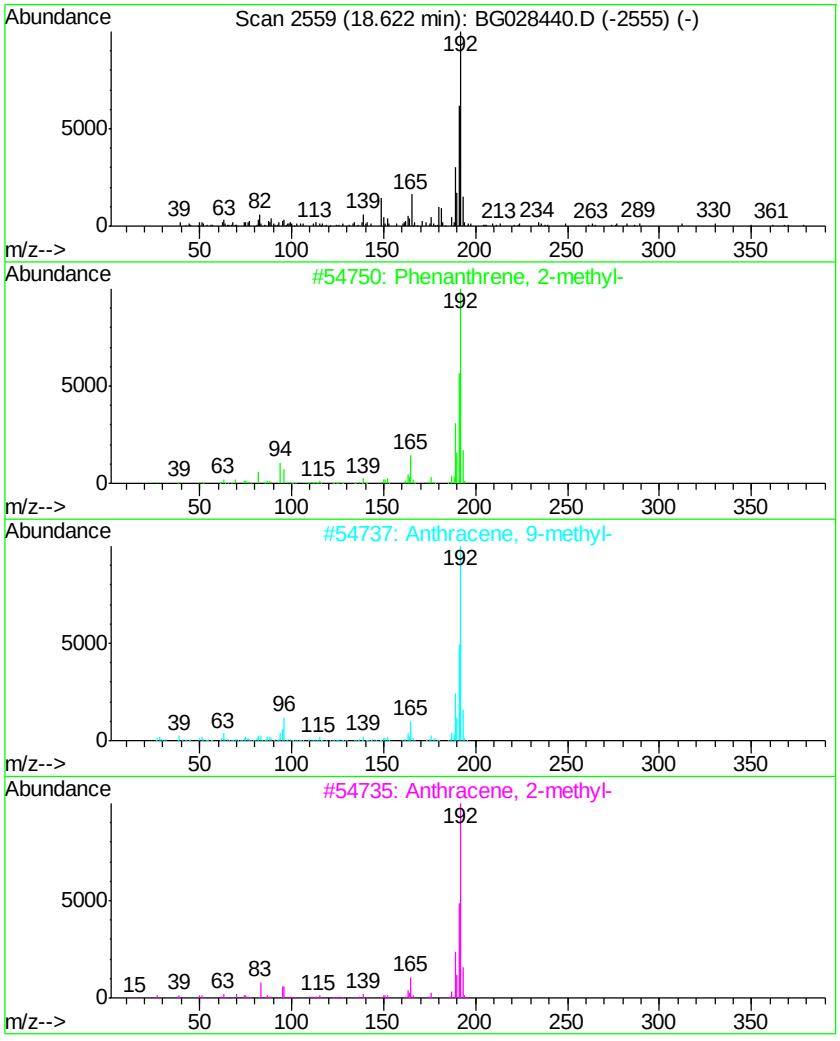
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

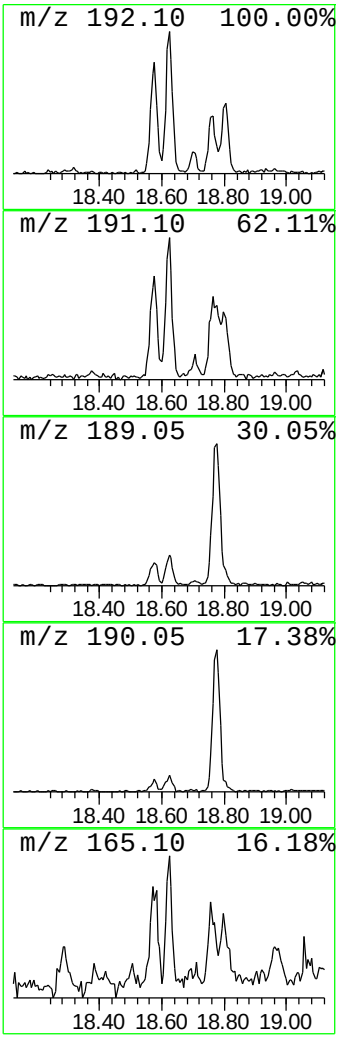
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.19 ng/ul	141516	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
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Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

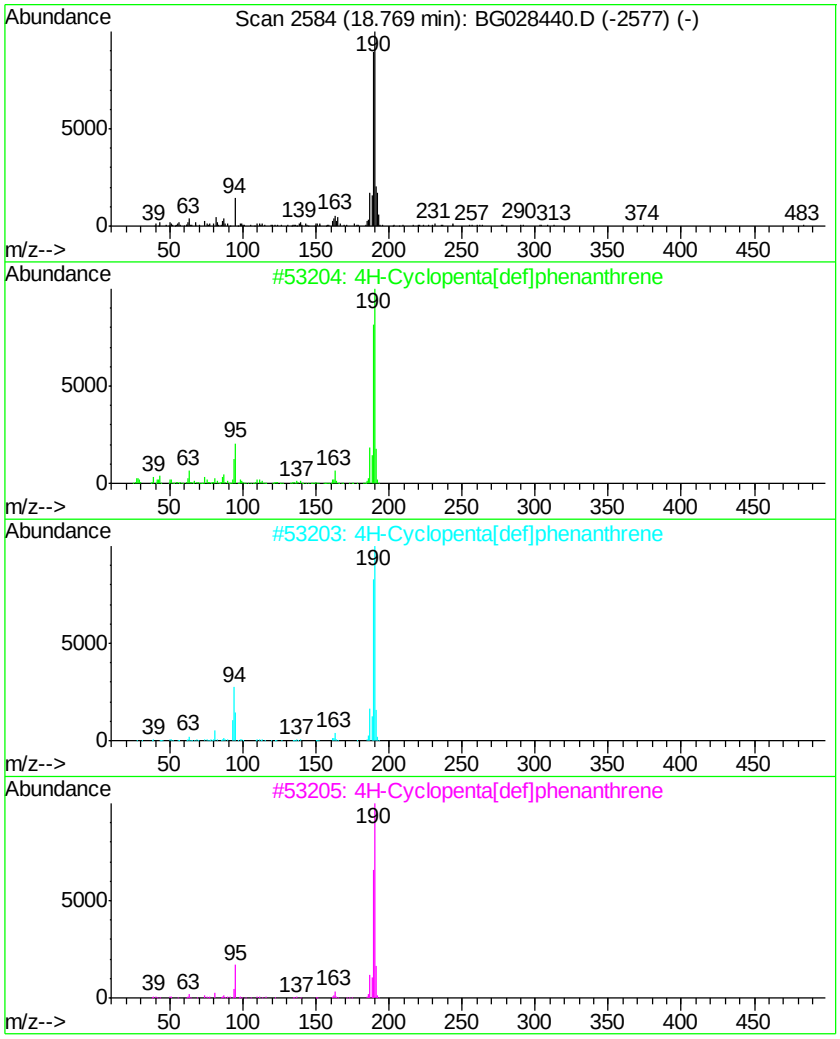
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

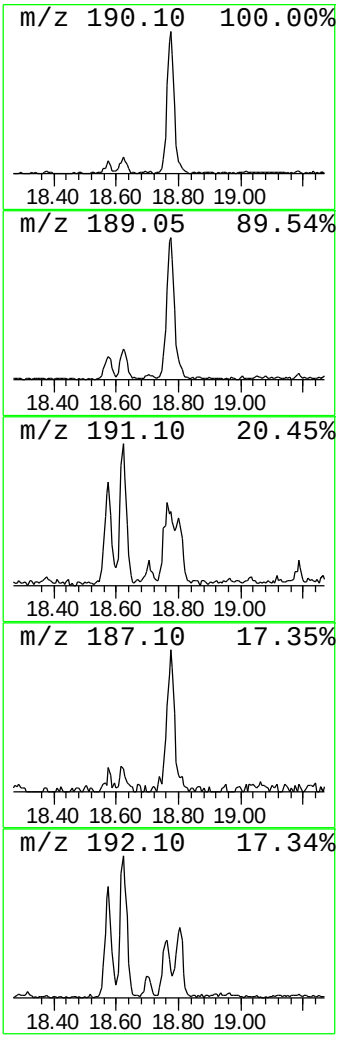
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	7.21 ng/ul	319881	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

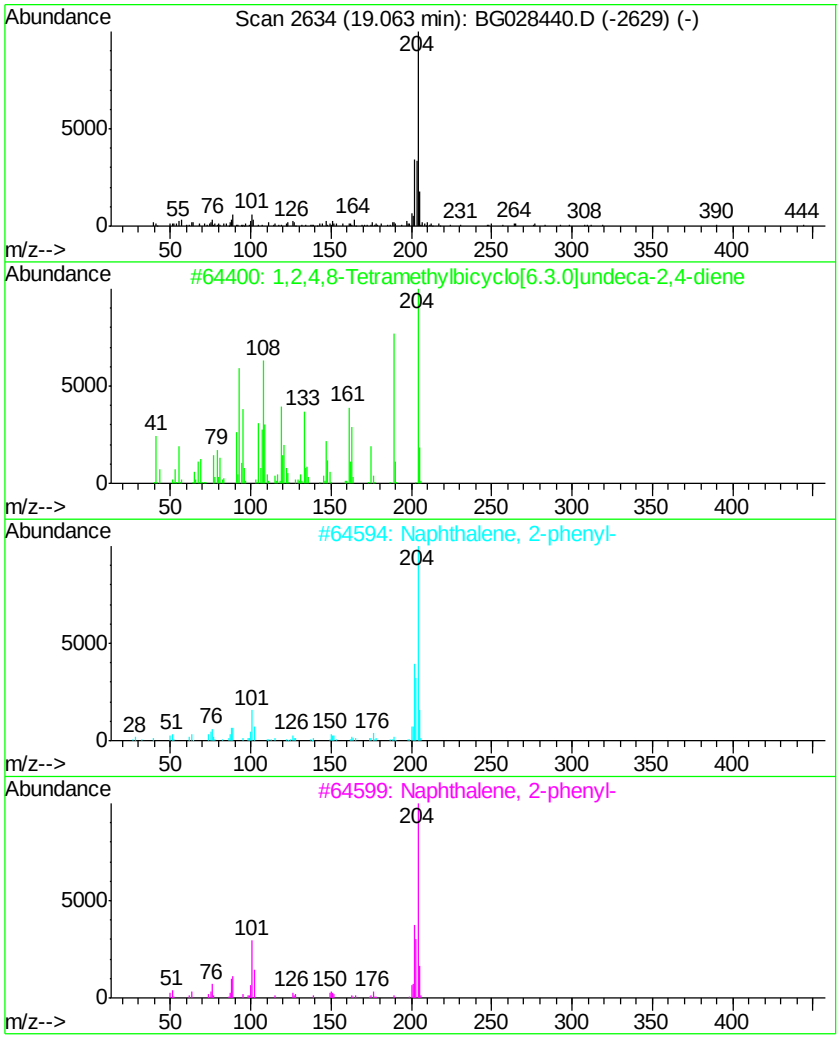
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

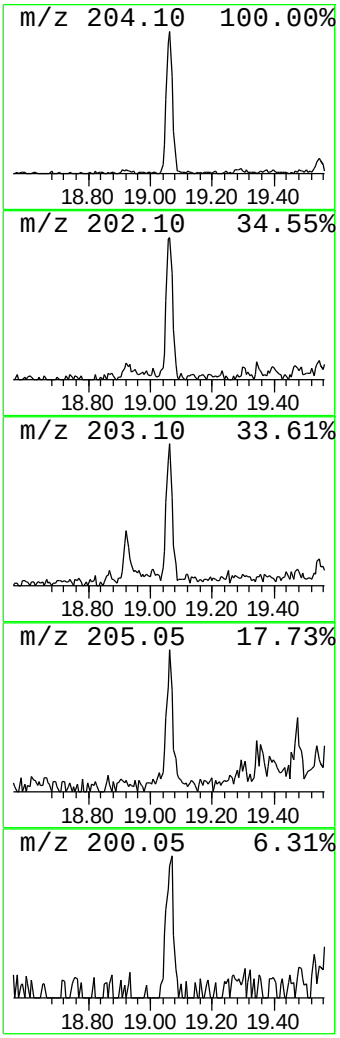
****

Peak Number 5 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.26 ng/ul	100145	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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

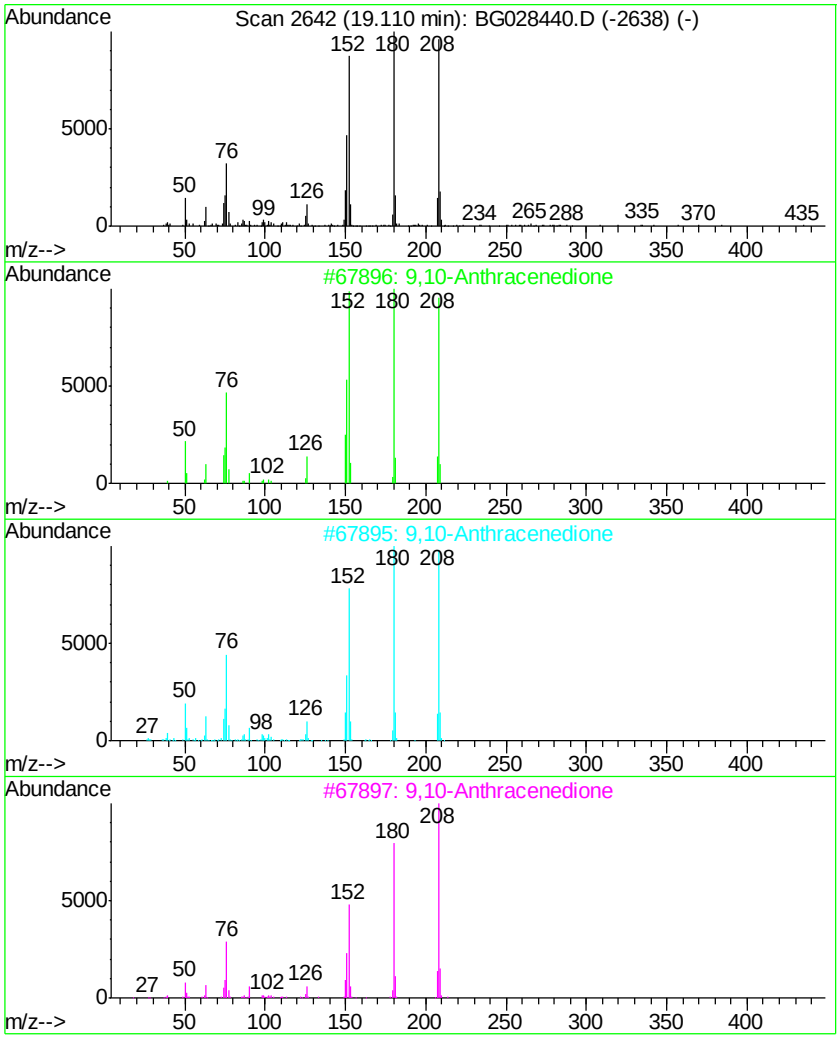
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

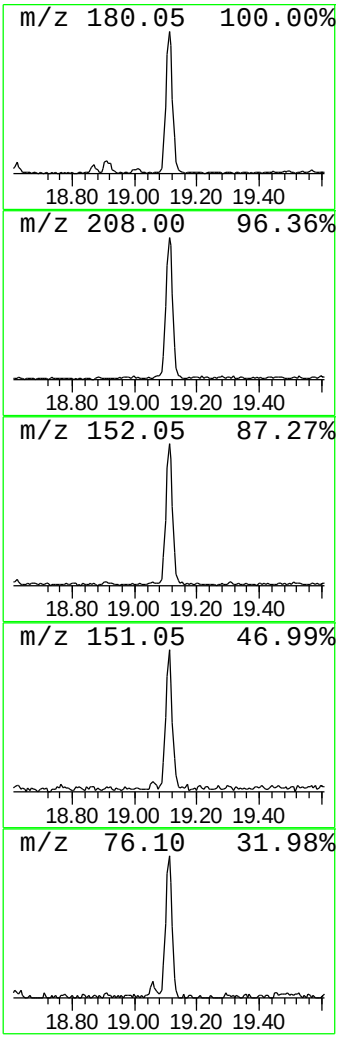
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	7.07 ng/ul	313747	Phenanthrene-d10	17.71

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





Library Search Compound Report

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Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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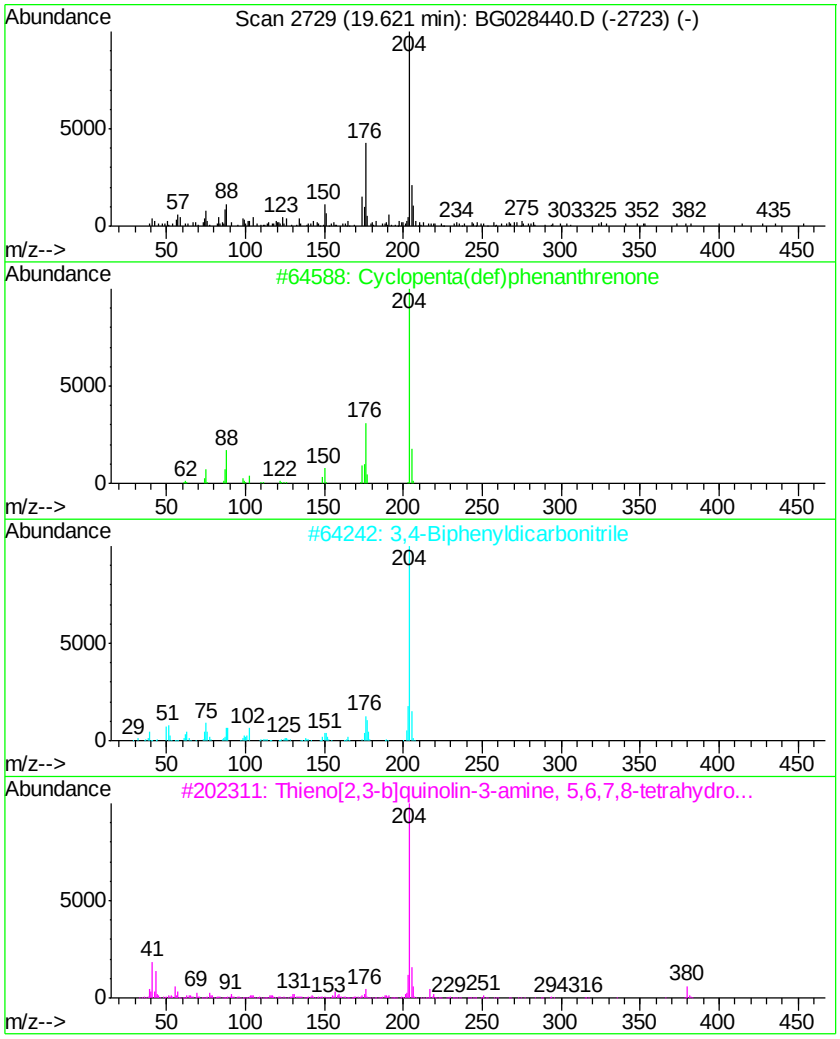
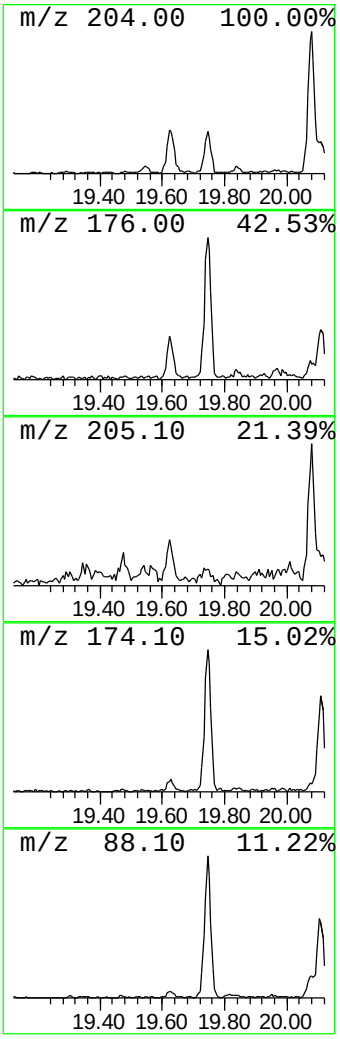
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.42 ng/ul	107435	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	Thieno[2,3-b]quinolin-3-amine, 5...	380	C19H28N2O2S2	299920-78-8	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Library Search Compound Report

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Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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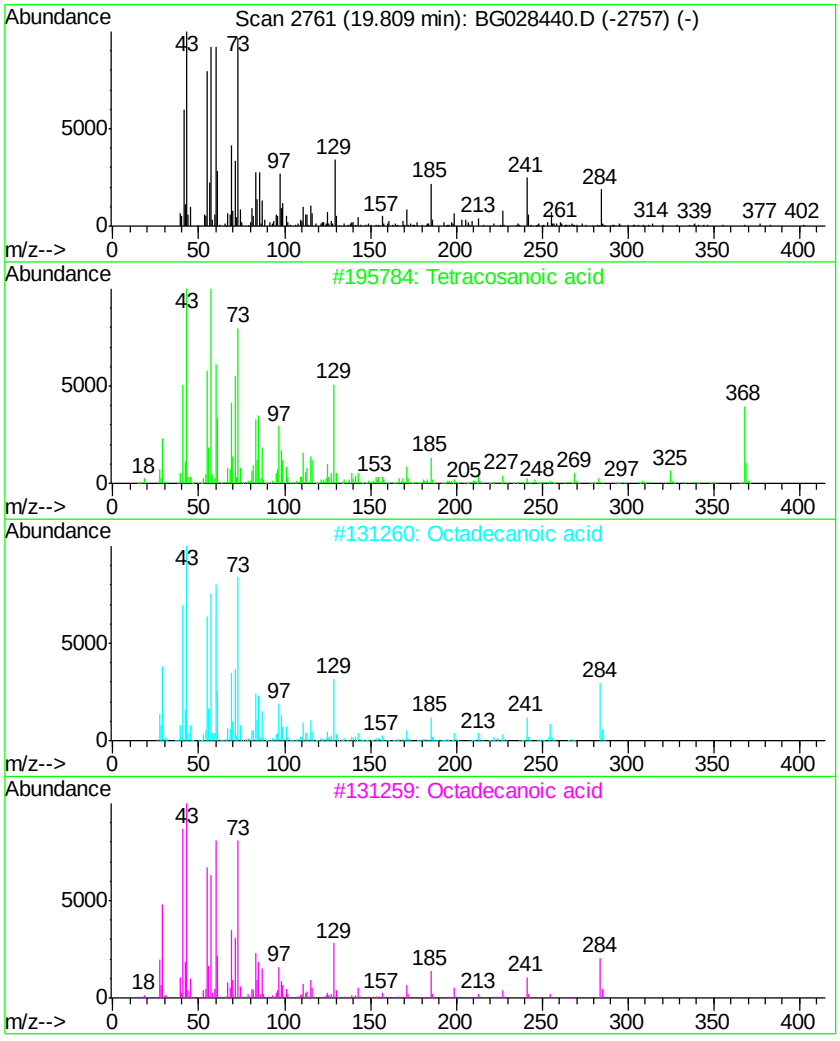
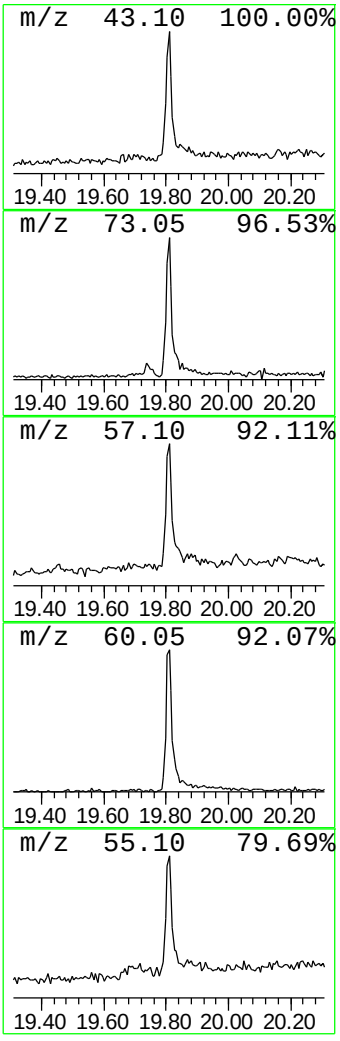
Peak Number 8 Tetracosanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	8.92 ng/ul	395575	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	78





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Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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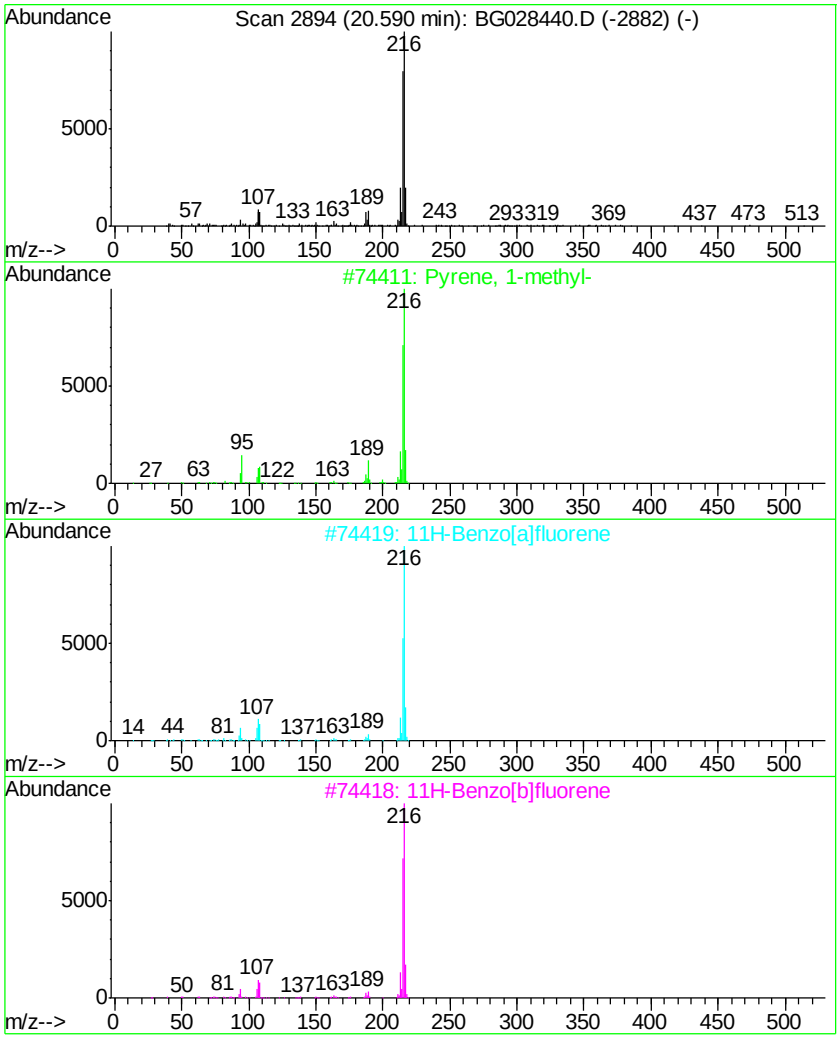
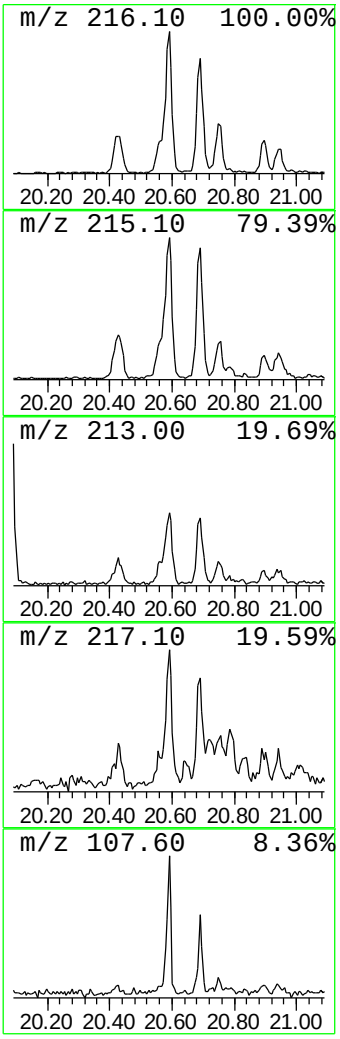
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.46 ng/ul	407434	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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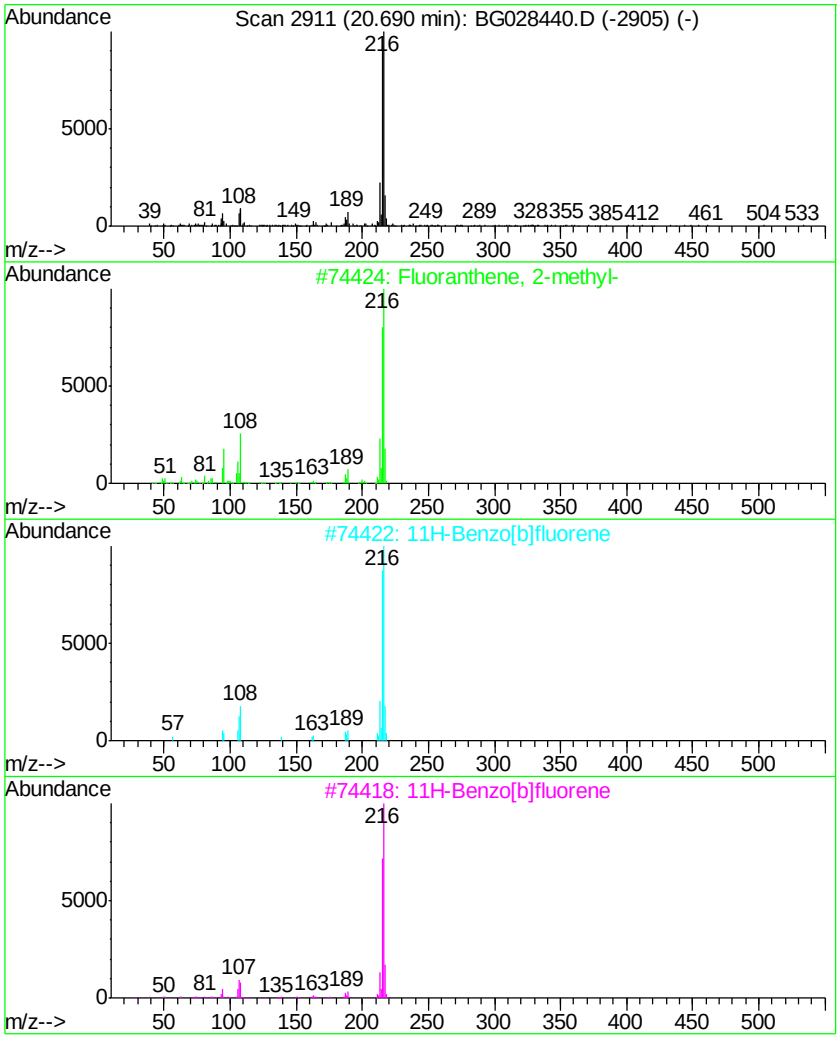
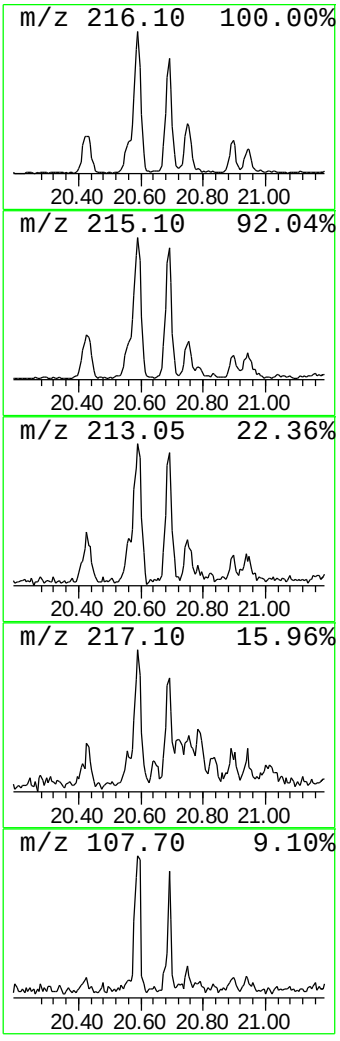
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.05 ng/ul	241845	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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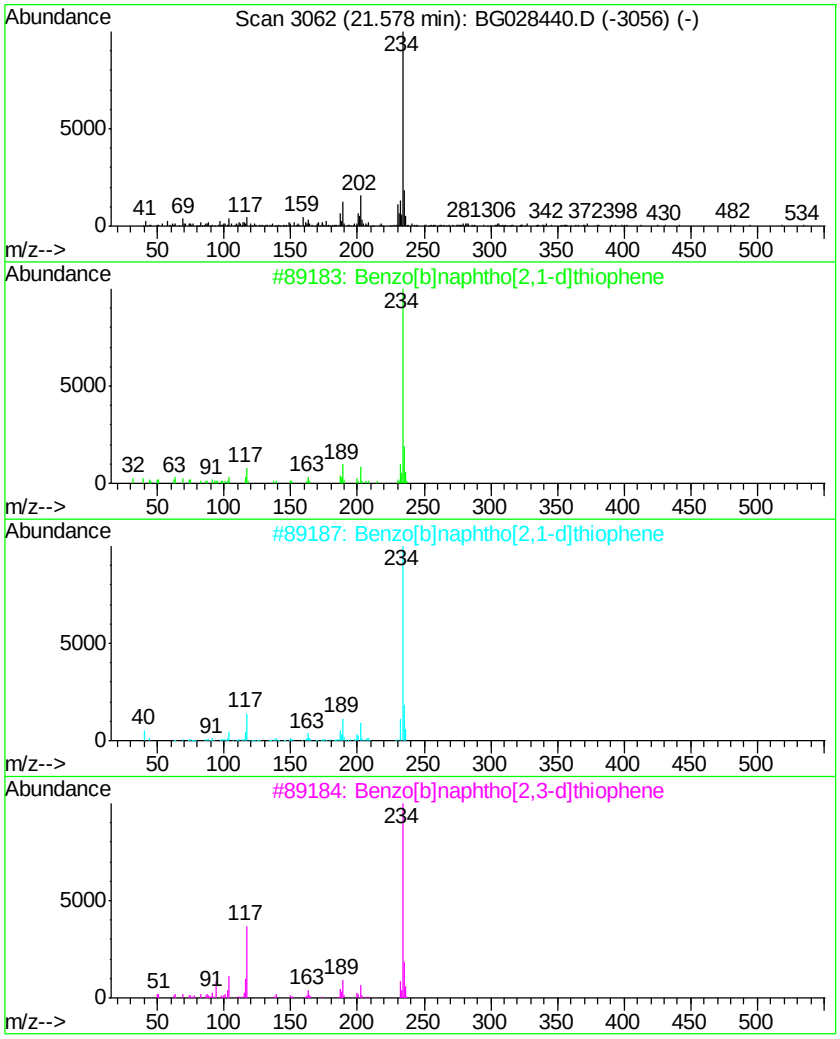
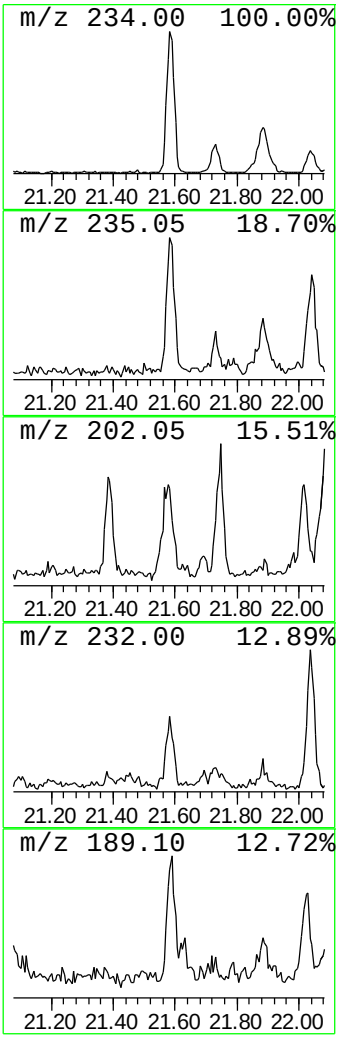
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.41 ng/ul	283967	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

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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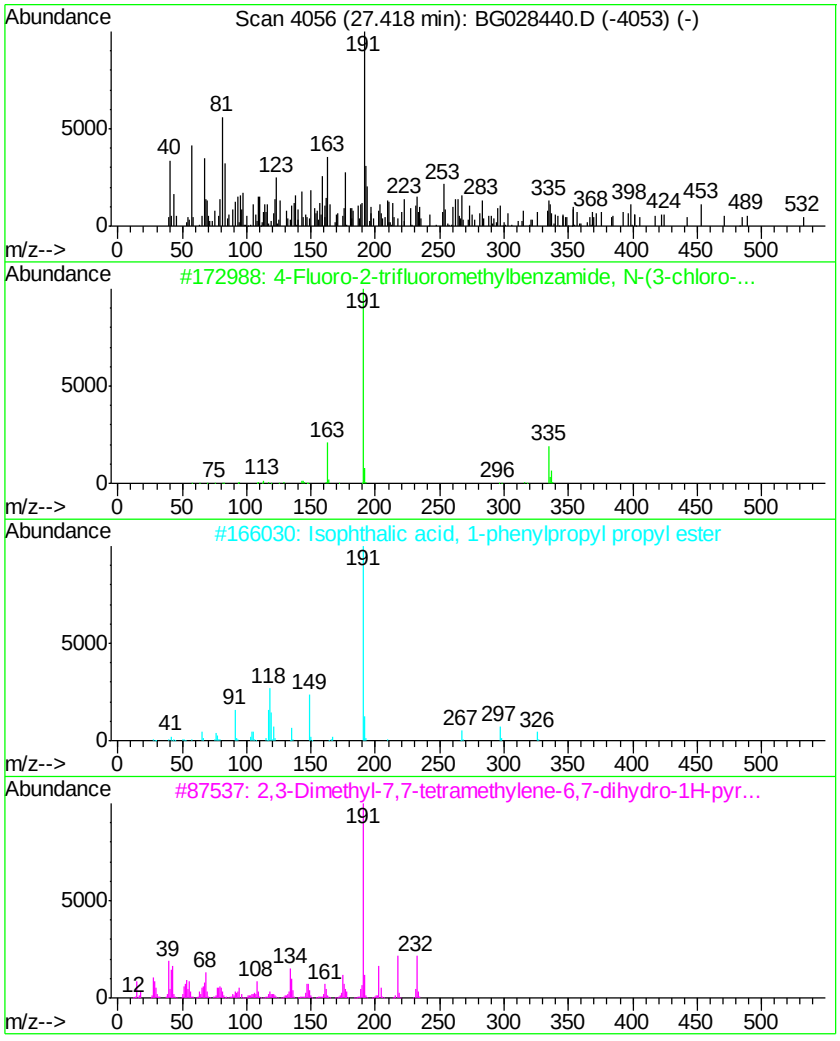
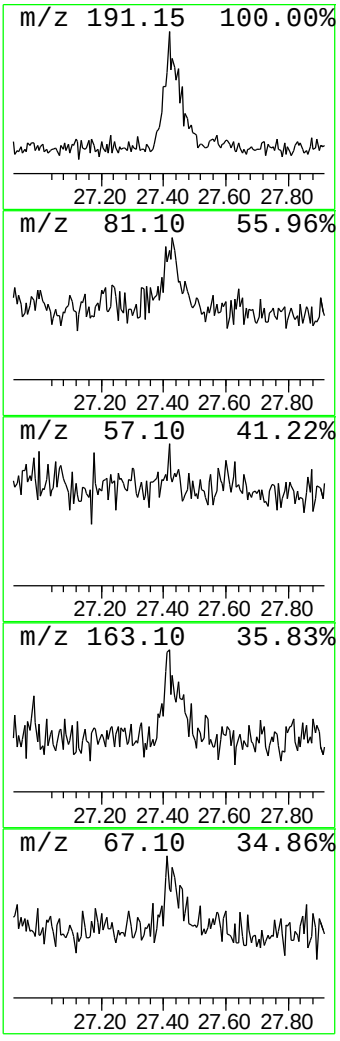
Peak Number 14 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	2.72 ng/ul	110263	Perylene-d12	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2-trifluoromethylbenzam...	335	C14H7ClF5NO	1000358-09-2	47
2	Isophthalic acid, 1-phenylpropyl...	326	C20H22O4	1000344-54-8	43
3	2,3-Dimethyl-7,7-tetramethylene-...	232	C13H16N2O2	1000287-32-6	43
4	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	43
5	Anthracene, 1-(3-butenyl)-	232	C18H16	1000156-51-8	43





Tentatively Identified Compound (LSC) summary

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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
1,1'-Biphenyl, 2,...	16.19	2.1	ng/ul	79329	3	14.96	749274	20.0
n-Hexadecanoic acid	18.55	7.7	ng/ul	341342	4	17.71	887195	20.0
Phenanthrene, 2-m...	18.62	3.2	ng/ul	141516	4	17.71	887195	20.0
4H-Cyclopenta[def...	18.77	7.2	ng/ul	319881	4	17.71	887195	20.0
1,2,4,8-Tetrameth...	19.06	2.3	ng/ul	100145	4	17.71	887195	20.0
9,10-Anthracenedione	19.11	7.1	ng/ul	313747	4	17.71	887195	20.0
Cyclopenta(def)ph...	19.62	2.4	ng/ul	107435	4	17.71	887195	20.0
Tetracosanoic acid	19.81	8.9	ng/ul	395575	4	17.71	887195	20.0
Pyrene, 1-methyl-	20.59	3.5	ng/ul	407434	5	22.04	2354750	20.0
Fluoranthene, 2-m...	20.69	2.0	ng/ul	241845	5	22.04	2354750	20.0
Benzo[b]naphtho[2...	21.58	2.4	ng/ul	283967	5	22.04	2354750	20.0
unknown-01	27.42	2.7	ng/ul	110263	6	25.55	810699	20.0