LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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	4.229	105	109	115	rBV6	4540	8978	0.38%	0.036%
2	4.329	121	126	134	rBV2	25991	42249	1.81%	0.171%
3	5.093	251	256	262	rBV5	7099	11468	0.49%	0.046%
4	5.451	308	317	322	rBV6	6127	15211	0.65%	0.062%
5	5.545	327	333	339	rVB6	6238	11276	0.48%	0.046%
6	6.714	526	532	538	rVB3	4048	7752	0.33%	0.031%
7	7.502	658	666	682	rBV	91023	194369	8.32%	0.787%
8	7.660	684	693	703	rBV	64102	116790	5.00%	0.473%
9	7.878	720	730	744	rVB2	92425	173992	7.45%	0.705%
10	8.289	794	800	803	rVV5	3605	7567	0.32%	0.031%
11	8.348	803	810	821	rVB	158331	294714	12.61%	1.194%
12	8.501	827	836	843	rBV4	2495	8135	0.35%	0.033%
13	9.041	921	928	943	rVB2	100162	199282	8.53%	0.807%
14	9.511	1001	1008	1019	rBV	91513	186244	7.97%	0.754%
15	10.240	1120	1132	1142	rBV2	84437	167062	7.15%	0.677%
16	10.786	1217	1225	1238	rBV2	119345	236069	10.10%	0.956%
17	11.092	1272	1277	1282	rBV4	6016	10062	0.43%	0.041%
18	11.168	1282	1290	1296	rBV	246242	465461	19.92%	1.885%
19	11.297	1305	1312	1324	rBV3	37590	95454	4.08%	0.387%
20	11.844	1390	1405	1408	rBV6	4118	11960	0.51%	0.048%
21	12.132	1447	1454	1459	rBV4	9216	15961	0.68%	0.065%
22	12.525	1513	1521	1526	rBV4	9234	15901	0.68%	0.064%
23	12.795	1561	1567	1573	rVB	15552	26482	1.13%	0.107%
24	12.925	1578	1589	1593	rBV6	3636	8691	0.37%	0.035%
25	13.013	1598	1604	1610	rBV3	15469	25772	1.10%	0.104%
26	13.295	1647	1652	1661	rBV6	3415	8753	0.37%	0.035%
27	13.459	1675	1680	1683	rVB4	6539	8791	0.38%	0.036%
28	13.542	1689	1694	1700	rBV5	6431	11374	0.49%	0.046%
29	13.741	1724	1728	1732	rBV3	8623	15130	0.65%	0.061%
30	13.788	1732	1736	1740	rVB6	6766	10063	0.43%	0.041%
31	13.888	1748	1753	1760	rBV7	4950	9731	0.42%	0.039%
32	14.129	1785	1794	1803	rVV9	9507	26119	1.12%	0.106%
33	14.223	1803	1810	1812	rVV6	4352	7780	0.33%	0.032%
34	14.270	1812	1818	1823	rVV3	20544	43520	1.86%	0.176%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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	14.341	1823	1830	1834	rVV	238168	372508	15.94%	1.509%
36	14.388	1834	1838	1847	rVB	119466	179413	7.68%	0.727%
37	14.511	1853	1859	1862	rBV4	13713	19150	0.82%	0.078%
38	14.652	1876	1883	1894	rVB	235592	399371	17.09%	1.617%
39	14.805	1906	1909	1915	rVB2	14618	17631	0.75%	0.071%
40	14.958	1921	1935	1941	rBV2	371152	637435	27.28%	2.582%
41	15.016	1941	1945	1952	rVB	62663	95477	4.09%	0.387%
42	15.081	1952	1956	1962	rVB6	8408	15744	0.67%	0.064%
43	15.169	1962	1971	1978	rBV4	37566	97464	4.17%	0.395%
44	15.345	1990	2001	2009	rVB2	51496	104826	4.49%	0.425%
45	15.416	2009	2013	2021	rVB5	18863	34116	1.46%	0.138%
46	15.492	2021	2026	2032	rVB8	5256	9869	0.42%	0.040%
47	15.557	2032	2037	2043	rBV5	16845	34439	1.47%	0.139%
48	15.616	2043	2047	2053	rVB5	11490	19163	0.82%	0.078%
49	15.751	2059	2070	2076	rBV4	26069	65569	2.81%	0.266%
50	15.862	2085	2089	2091	rBV4	5394	7604	0.33%	0.031%
51	15.945	2091	2103	2108	rBV	311615	521149	22.30%	2.111%
52	15.998	2108	2112	2119	rVB2	48474	77520	3.32%	0.314%
53	16.068	2119	2124	2131	rBV5	34479	69520	2.97%	0.282%
54	16.156	2136	2139	2144	rVB6	12933	20709	0.89%	0.084%
55	16.291	2152	2162	2171	rVB5	27292	61907	2.65%	0.251%
56	16.374	2173	2176	2181	rBV7	4345	7775	0.33%	0.031%
57	16.432	2182	2186	2195	rVV3	26427	57888	2.48%	0.234%
58	16.532	2195	2203	2206	rVB8	12425	23687	1.01%	0.096%
59	16.615	2212	2217	2223	rBV5	29812	74025	3.17%	0.300%
60	16.744	2236	2239	2242	rBV5	6419	9972	0.43%	0.040%
61	16.967	2271	2277	2279	rBV6	22463	41588	1.78%	0.168%
62	17.055	2288	2292	2297	rBV5	20733	31708	1.36%	0.128%
63	17.226	2313	2321	2325	rBV8	29909	70592	3.02%	0.286%
64	17.267	2325	2328	2336	rVB6	23604	44960	1.92%	0.182%
65	17.355	2337	2343	2348	rBV	60285	102190	4.37%	0.414%
66	17.414	2348	2353	2357	rBV5	25763	52809	2.26%	0.214%
67	17.519	2367	2371	2384	rVB	50245	96937	4.15%	0.393%
68	17.701	2396	2402	2406	rBV	429227	719357	30.78%	2.913%
69	17.749	2406	2410	2415	rVV	897097	1340909	57.38%	5.431%
70	17.801	2415	2419	2431	rVB2	318231	647899	27.72%	2.624%
71	18.107	2464	2471	2476	rBV3	90817	182675	7.82%	0.740%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

72	18.219	2486	2490	2493	rBV2	19970	27099	1.16%	0.110%
73	18.283	2498	2501	2512	rVB8	29747	56362	2.41%	0.228%
74	18.424	2522	2525	2531	rBV4	19398	34823	1.49%	0.141%
75	18.501	2535	2538	2541	rBV4	15536	23477	1.00%	0.095%
76	18.577	2542	2551	2555	rVV	154190	336544	14.40%	1.363%
77	18.624	2555	2559	2566	rVB	205680	315775	13.51%	1.279%
78	18.700	2568	2572	2577	rVB	50417	84689	3.62%	0.343%
79	18.771	2577	2584	2588	rBV3	167540	388225	16.61%	1.572%
80	19.059	2629	2633	2638	rBV	115120	168466	7.21%	0.682%
81	19.112	2638	2642	2651	rVB	136152	208950	8.94%	0.846%
82	19.352	2680	2683	2686	rBV	34000	46013	1.97%	0.186%
83	19.476	2697	2704	2709	rBV2	109050	240389	10.29%	0.974%
84	19.623	2724	2729	2736	rBV3	80187	167970	7.19%	0.680%
85	19.746	2743	2750	2755	rBV	1621240	2336936	100.00%	9.465%
86	20.075	2800	2806	2808	rBV2	601977	955513	40.89%	3.870%
87	20.110	2808	2812	2818	rVV	1429905	2087851	89.34%	8.456%
88	20.169	2818	2822	2828	rVB2	106926	153221	6.56%	0.621%
89	20.275	2837	2840	2846	rVB	100592	136589	5.84%	0.553%
90	20.428	2861	2866	2871	rVB4	112172	250121	10.70%	1.013%
91	20.898	2942	2946	2950	rBV2	93903	144287	6.17%	0.584%
92	21.385	3025	3029	3037	rVB	177571	320103	13.70%	1.296%
93	21.685	3077	3080	3085	rBV3	107878	174071	7.45%	0.705%
94	21.744	3087	3090	3103	rVB	175355	362012	15.49%	1.466%
95	22.020	3130	3137	3145	rBV3	776651	2189231	93.68%	8.867%
96	22.090	3145	3149	3160	rVB	641381	1159578	49.62%	4.696%
97	24.441	3539	3549	3557	rBV2	422694	1669223	71.43%	6.761%
98	25.228	3677	3683	3690	rBV2	169810	440477	18.85%	1.784%
99	25.392	3705	3711	3721	rVB	319337	888776	38.03%	3.600%
100	25.557	3732	3739	3748	rBV2	177471	460154	19.69%	1.864%

Sum of corrected areas: 24690643

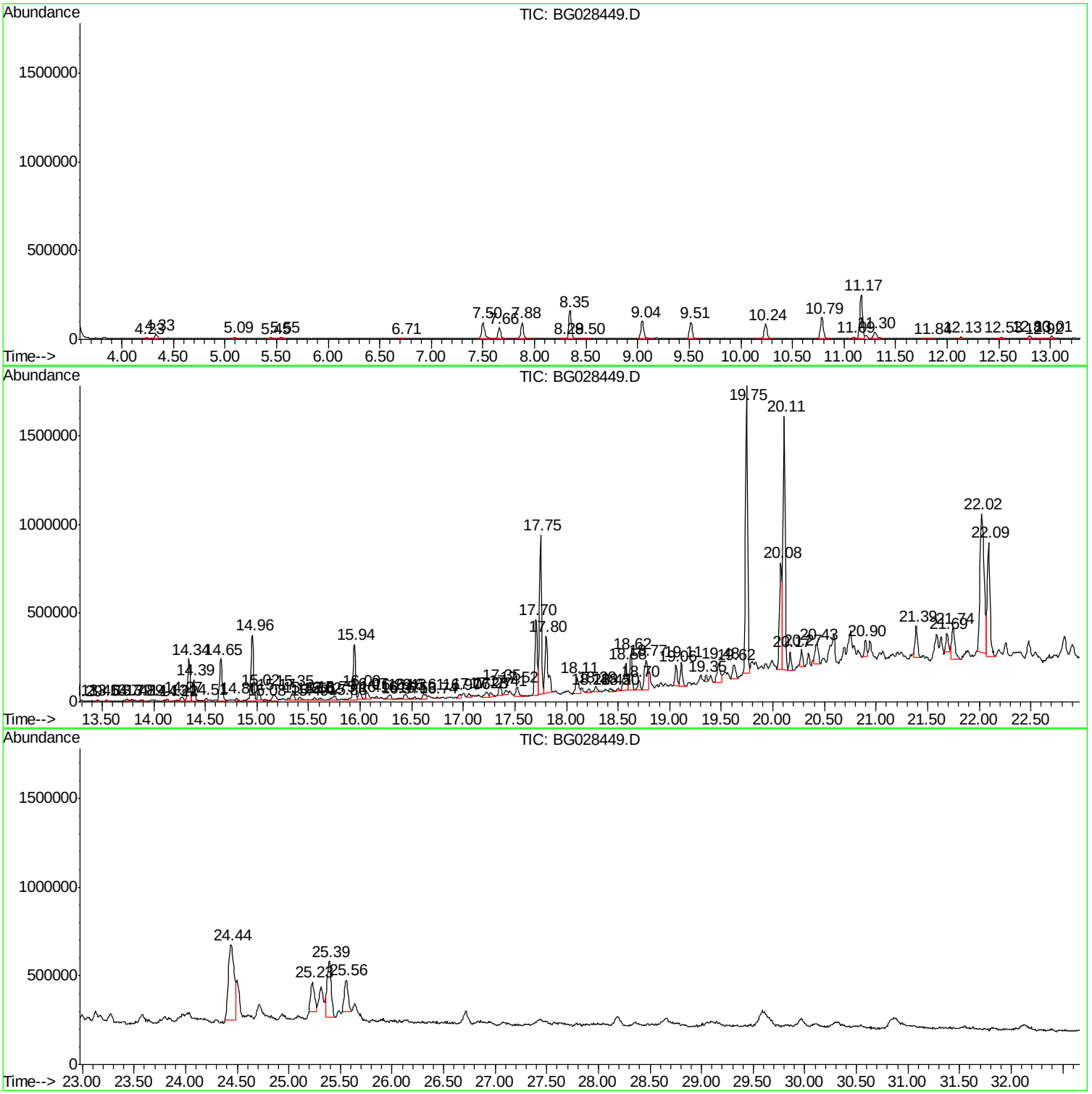
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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 : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

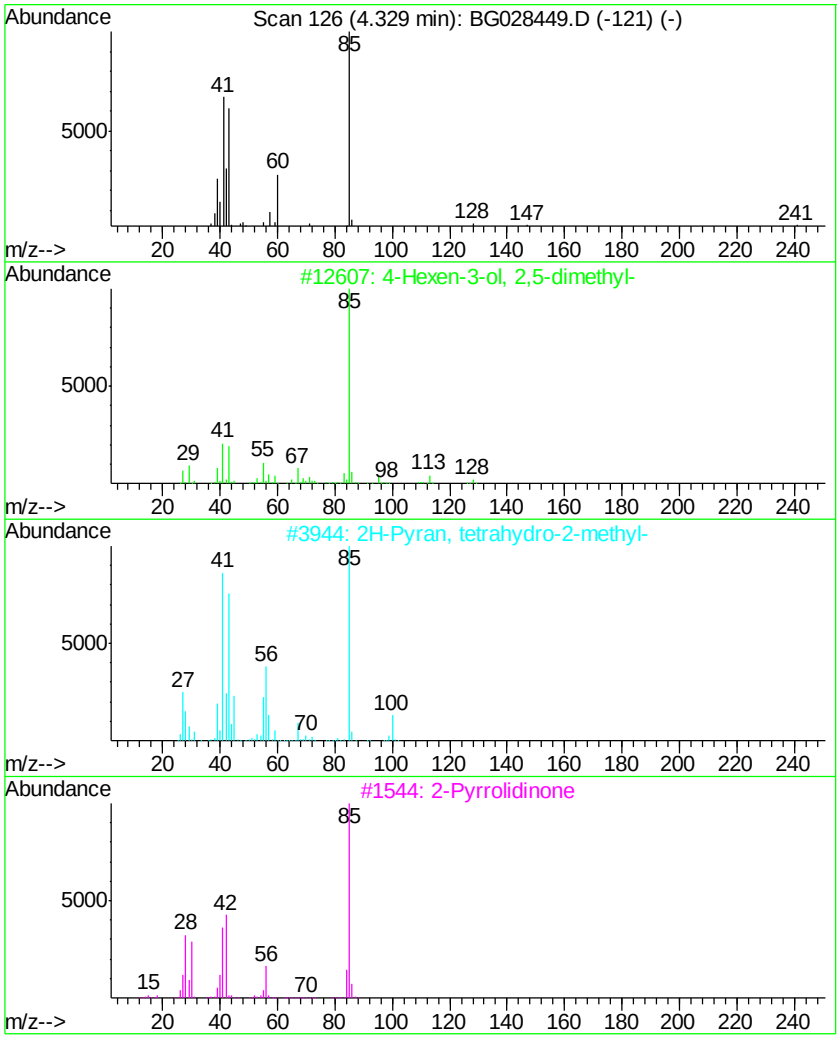
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

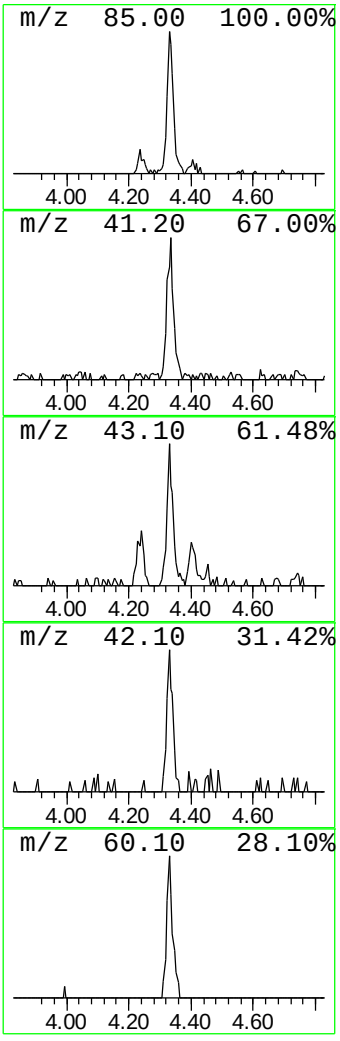
****

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	2.87 ng/ul	42249	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	47
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	42
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
4	Butanoyl chloride, 3-methyl-	120	C5H9ClO	000108-12-3	36
5	4-Pentenoic acid, 2-methoxy-, me...	144	C7H12O3	054020-52-9	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

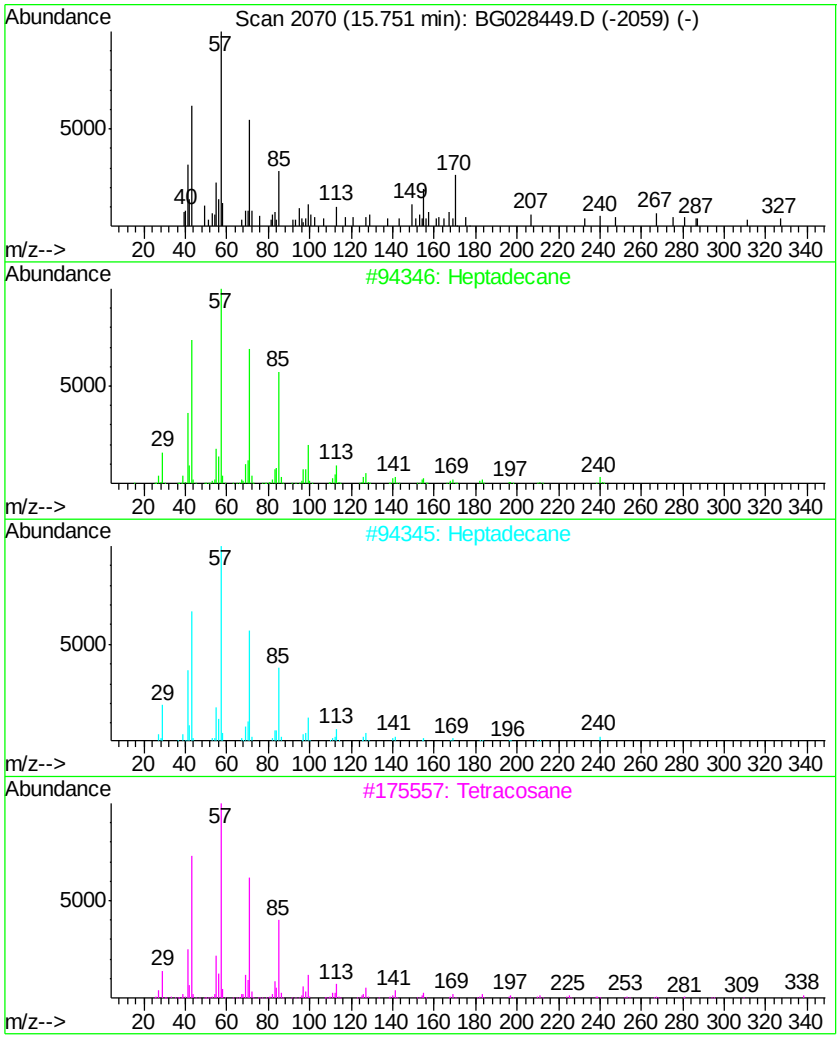
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

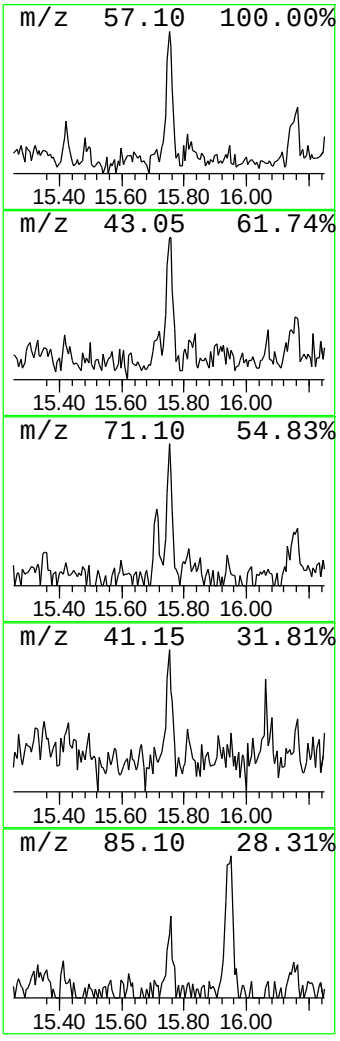
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.06 ng/ul	65569	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	41
2	Heptadecane	240	C17H36	000629-78-7	41
3	Tetracosane	338	C24H50	000646-31-1	38
4	Nonadecane	268	C19H40	000629-92-5	35
5	Octadecane	254	C18H38	000593-45-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

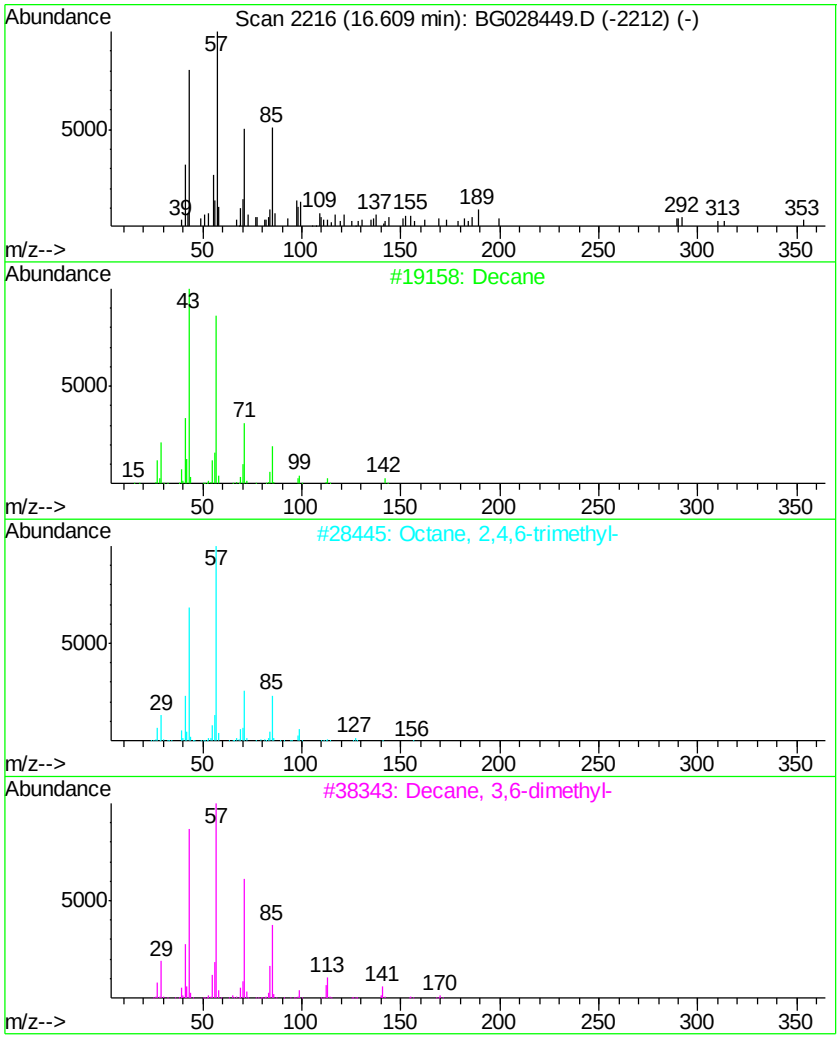
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

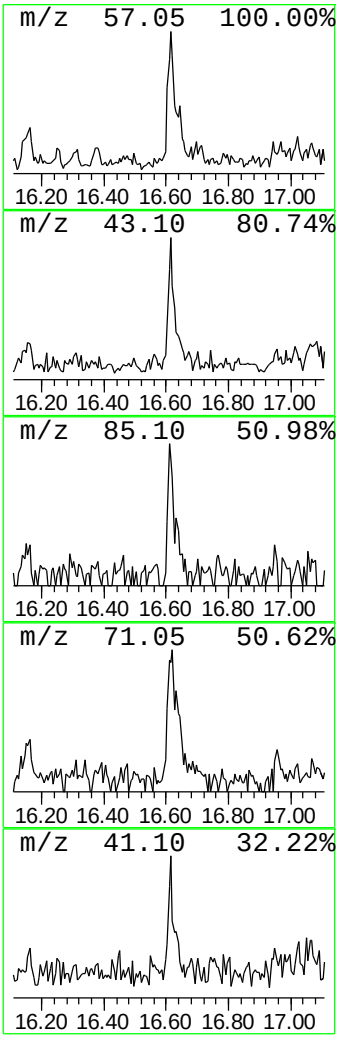
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.06 ng/ul	74025	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	59
5	Pentadecane	212	C15H32	000629-62-9	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

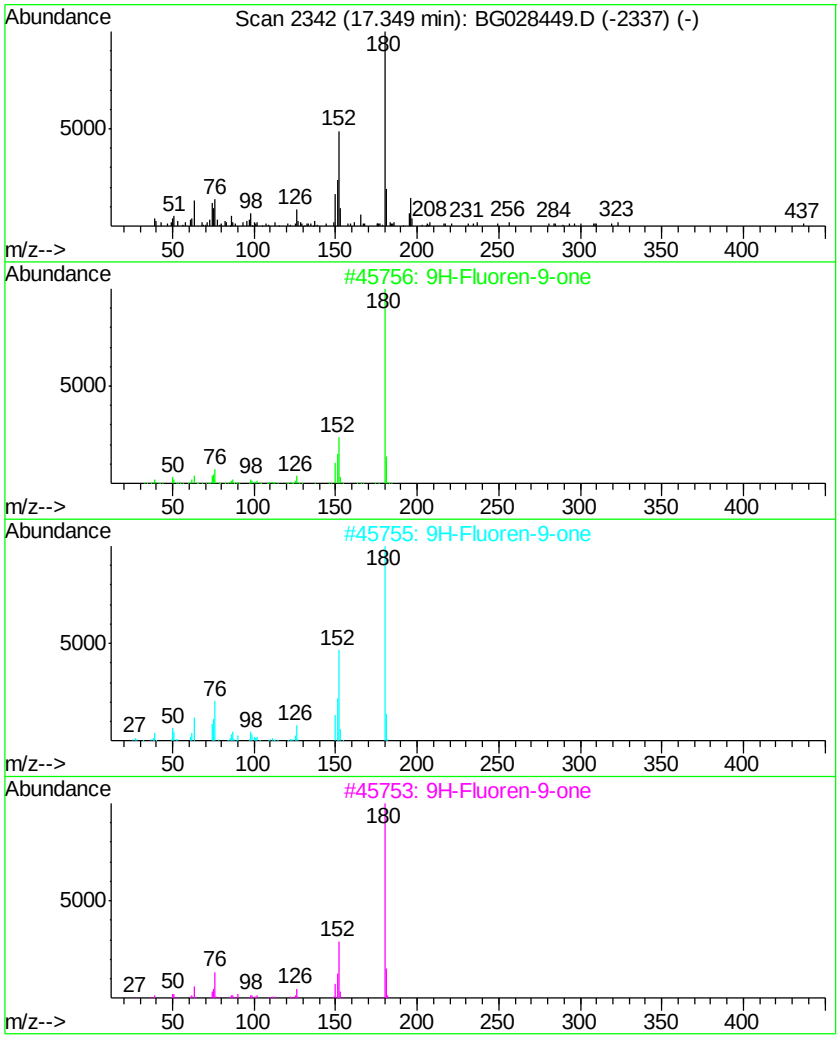
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

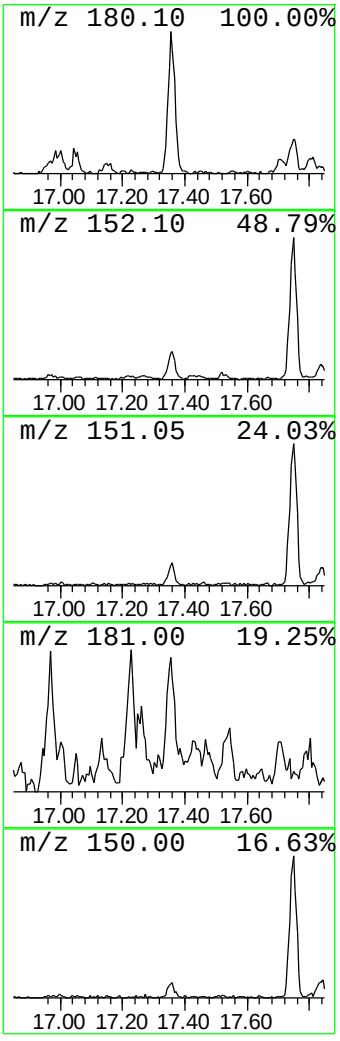
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	2.84 ng/ul	102190	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	81
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

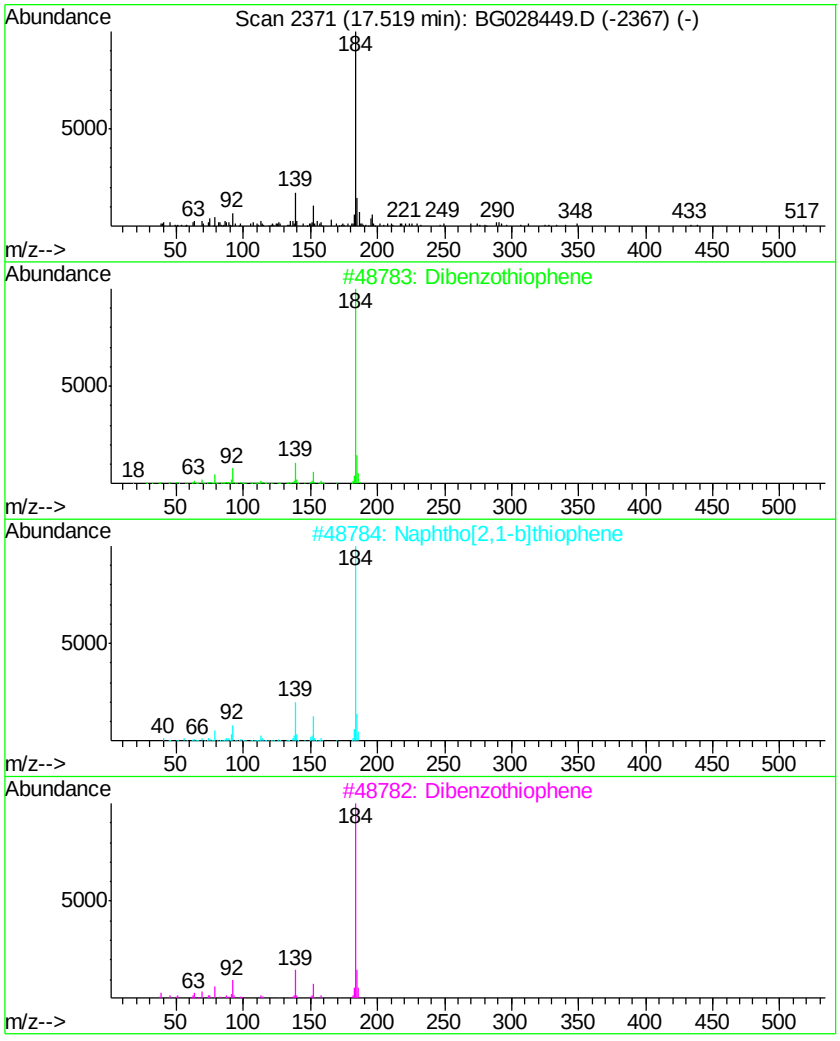
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

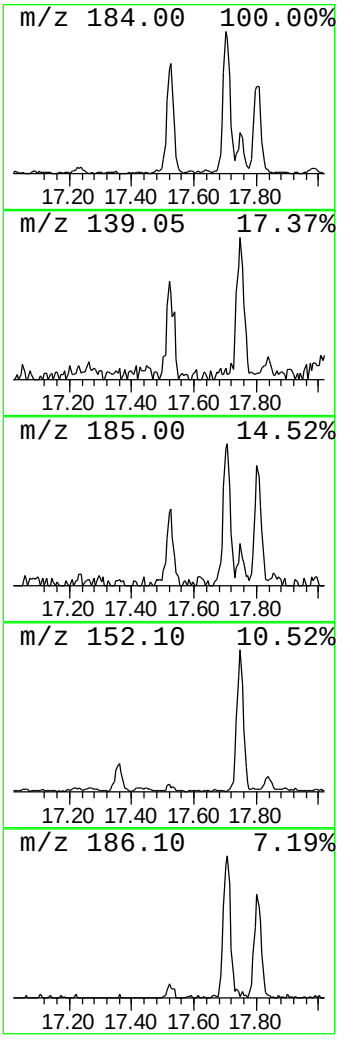
****

Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.70 ng/ul	96937	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

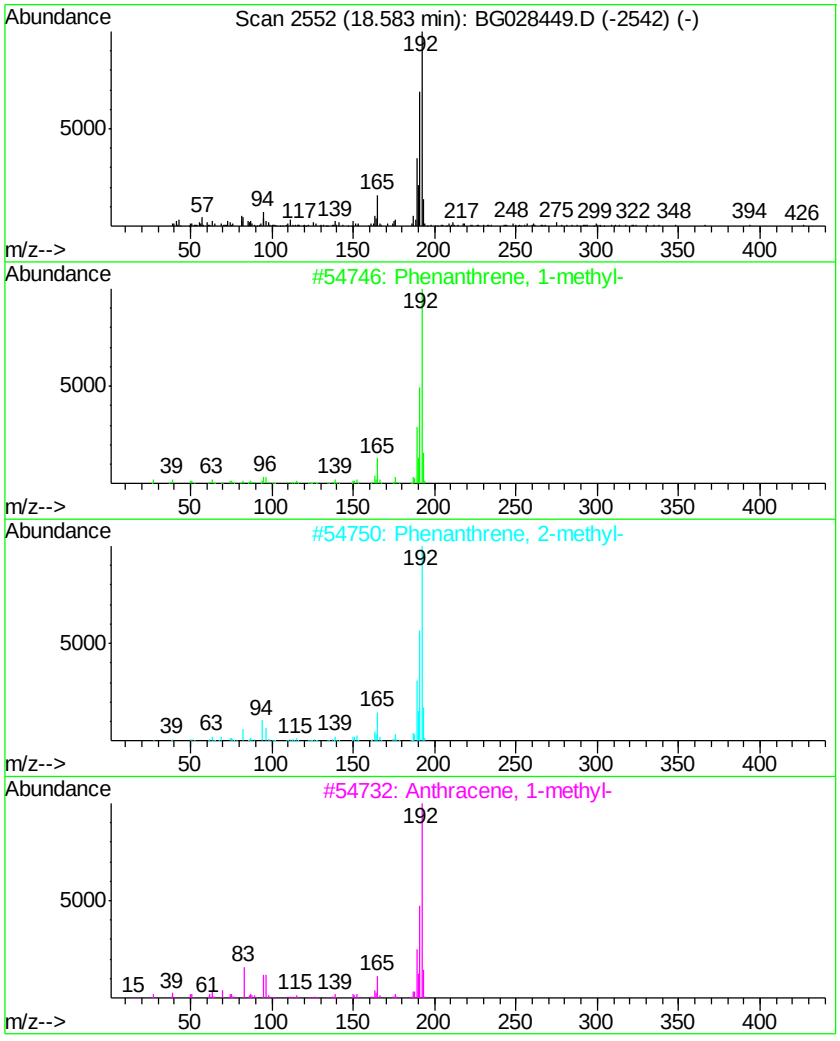
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

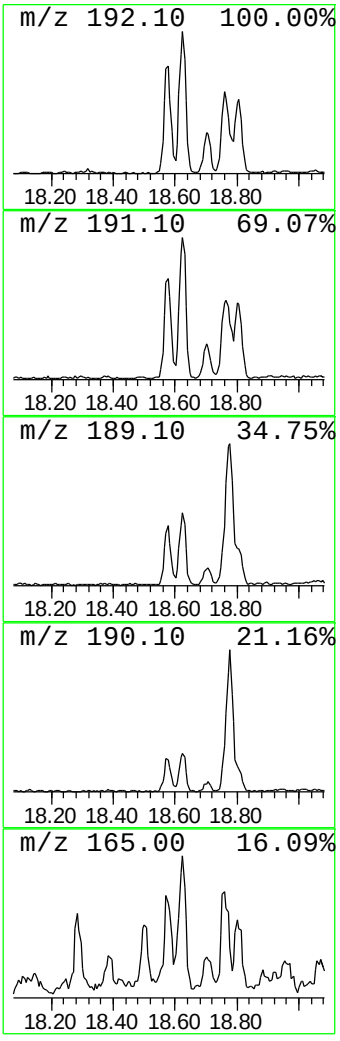
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	9.36 ng/ul	336544	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, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

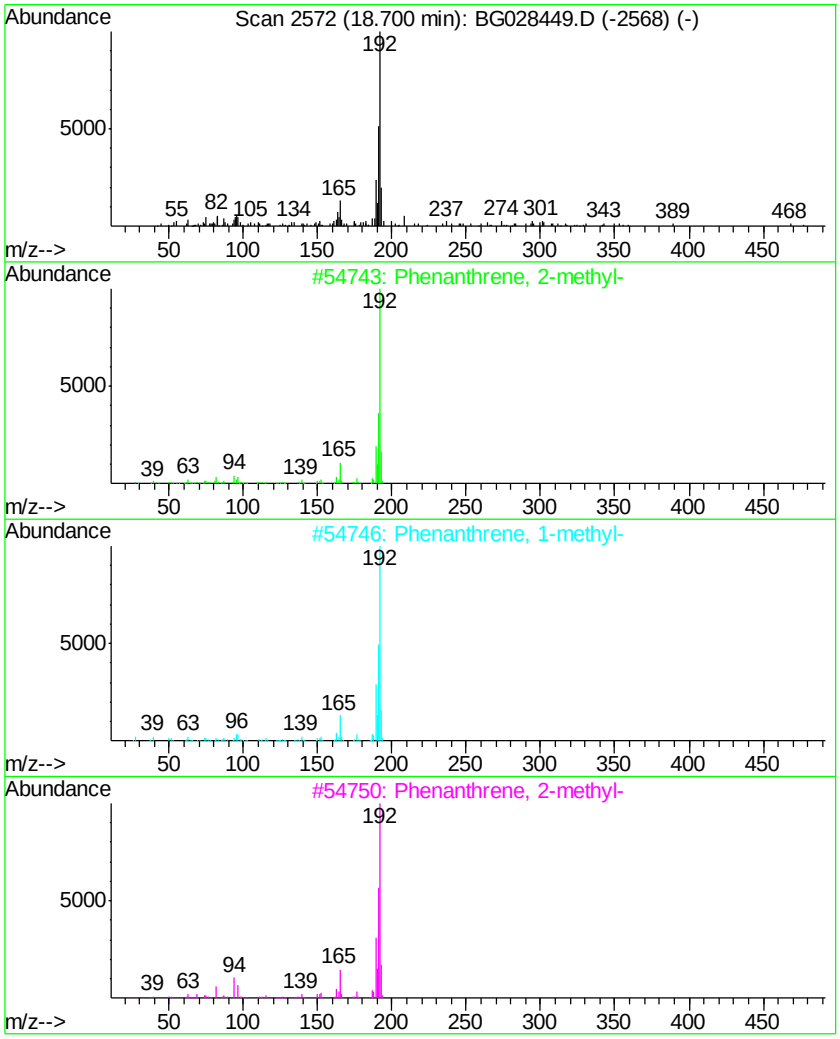
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

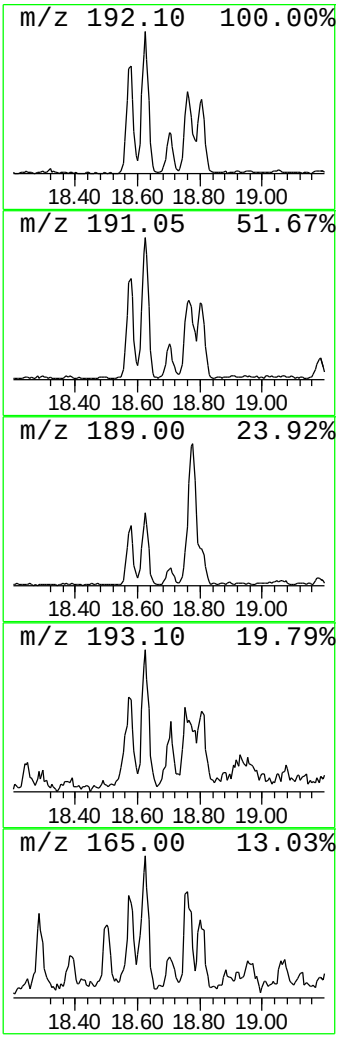
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.35 ng/ul	84689	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

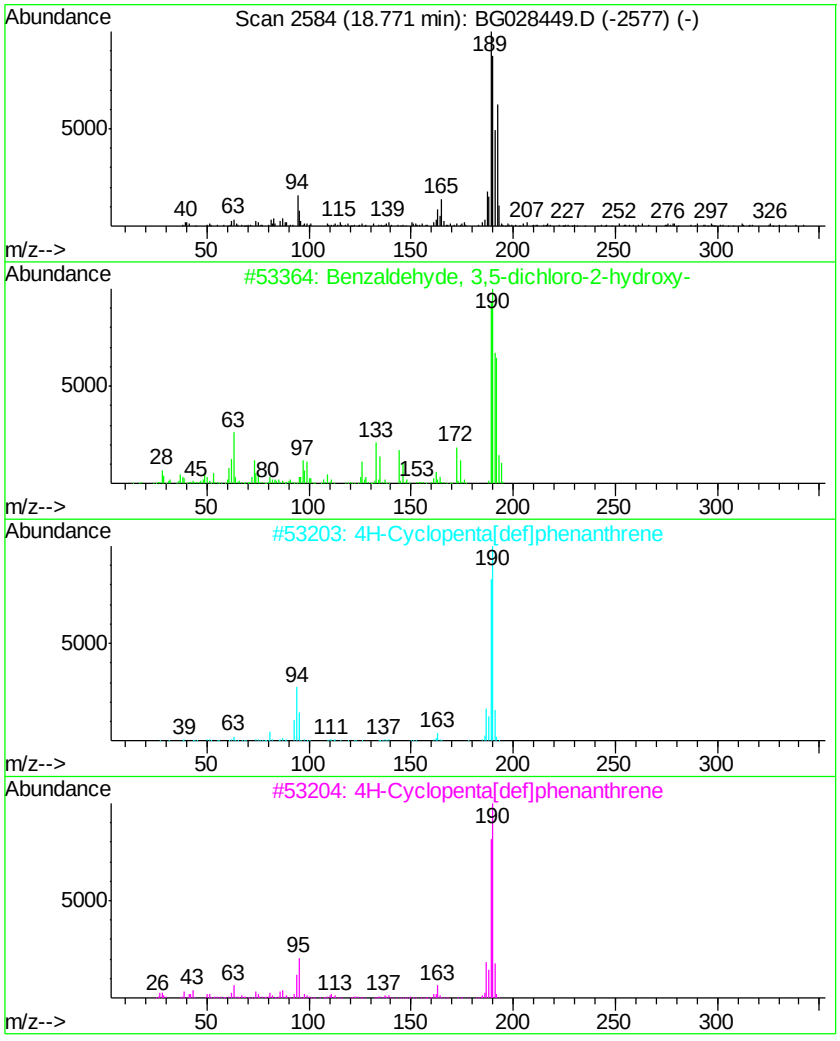
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

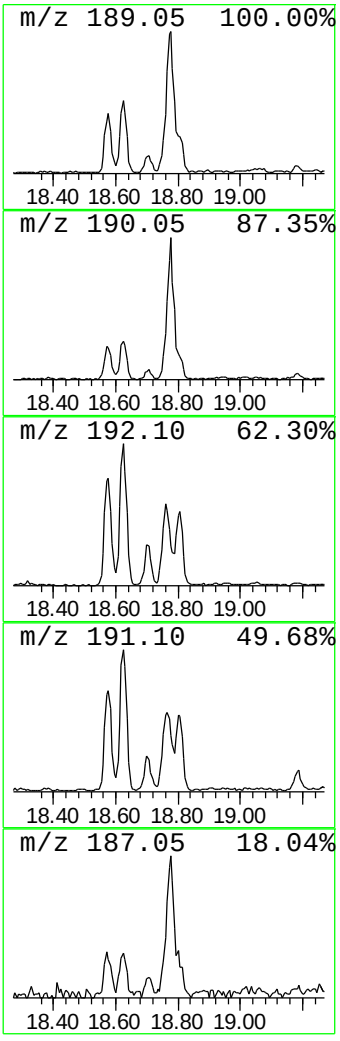
****

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	10.79 ng/ul	388225	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

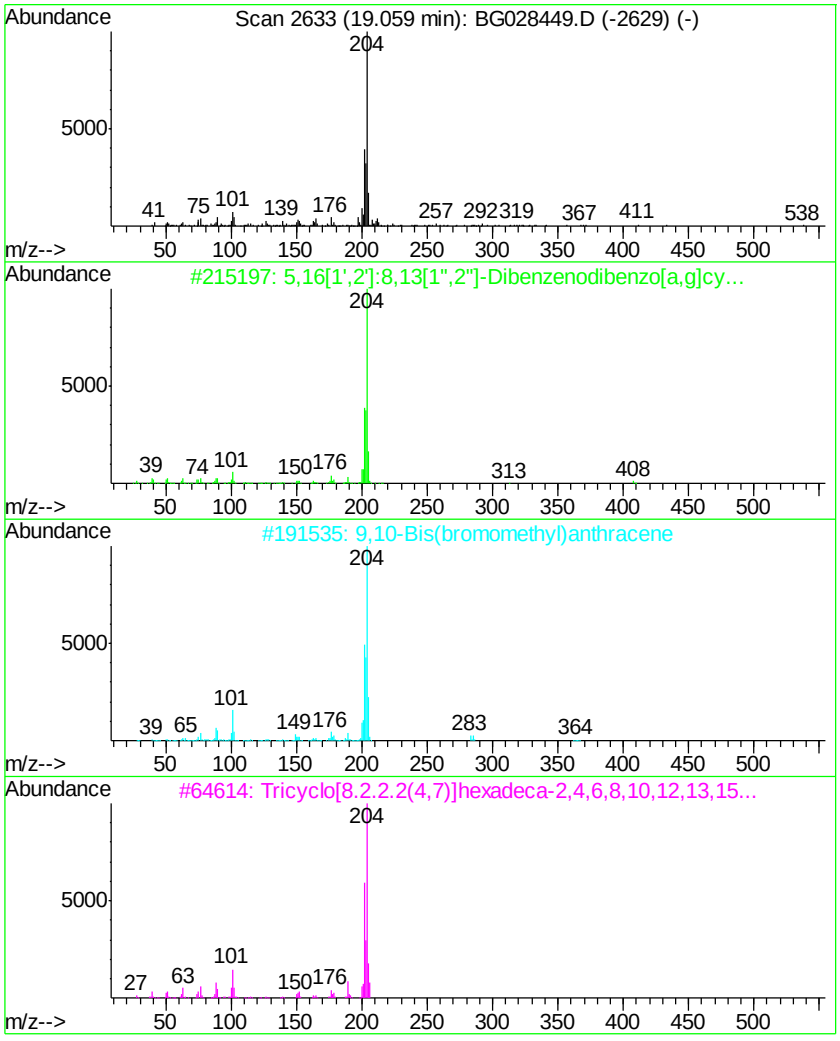
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

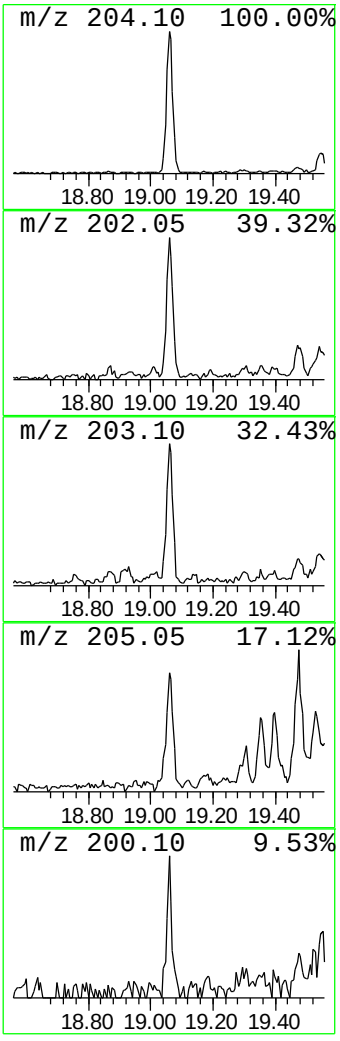
****

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.68 ng/ul	168466	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	64
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

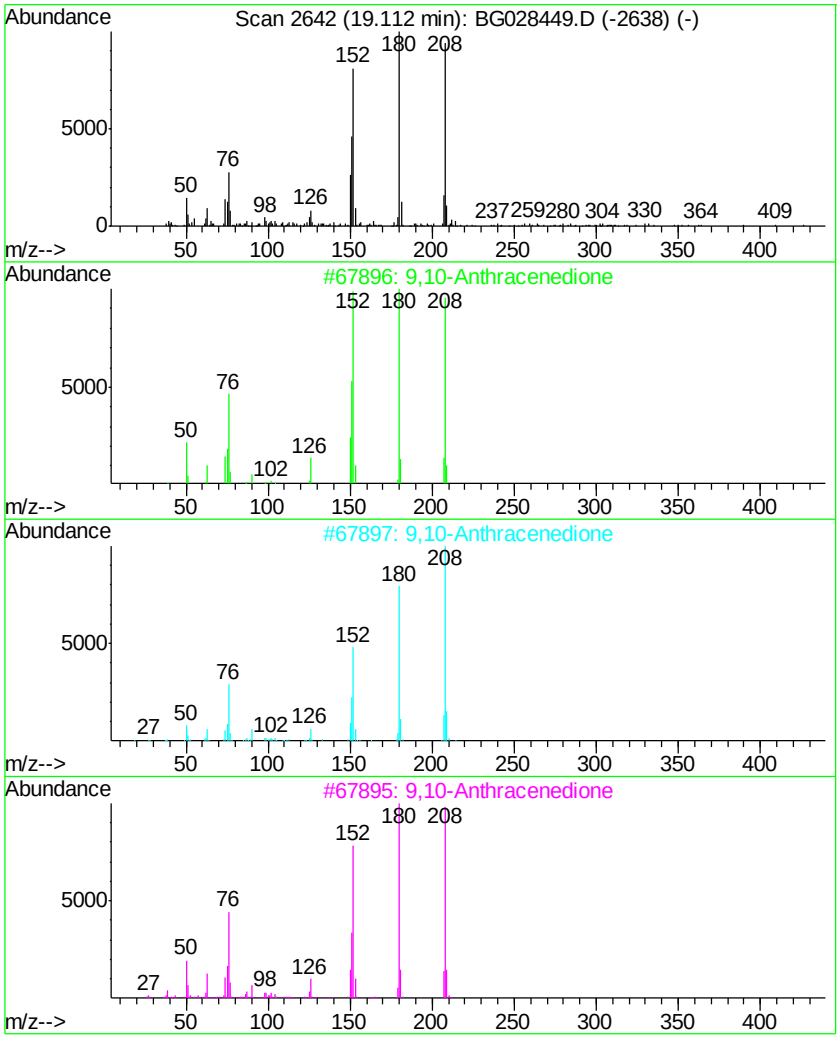
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

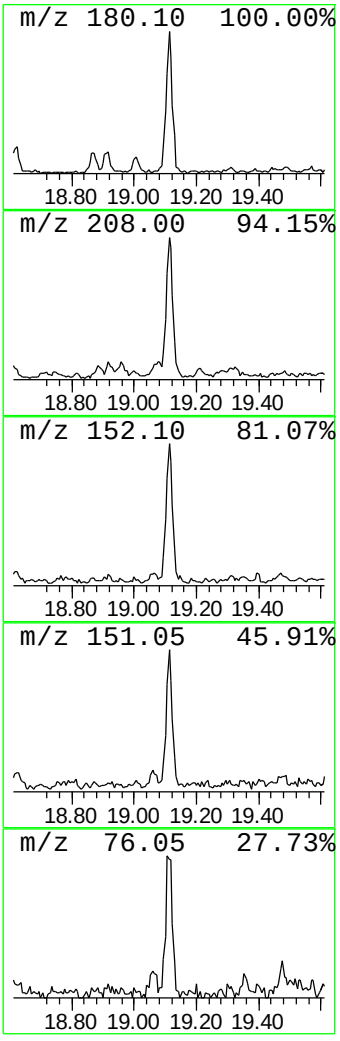
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	5.81 ng/ul	208950	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

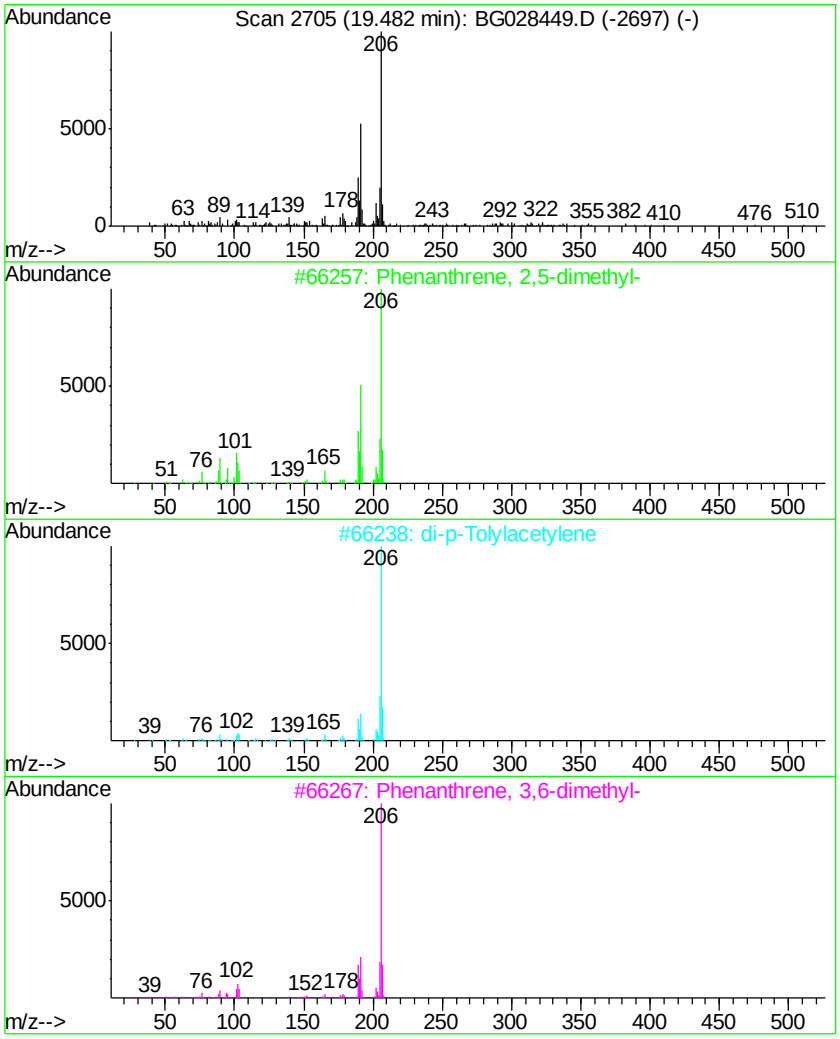
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

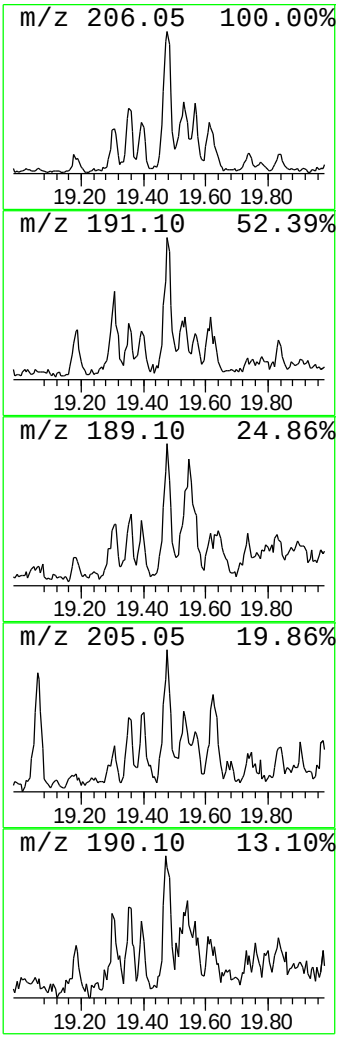
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	6.68 ng/ul	240389	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

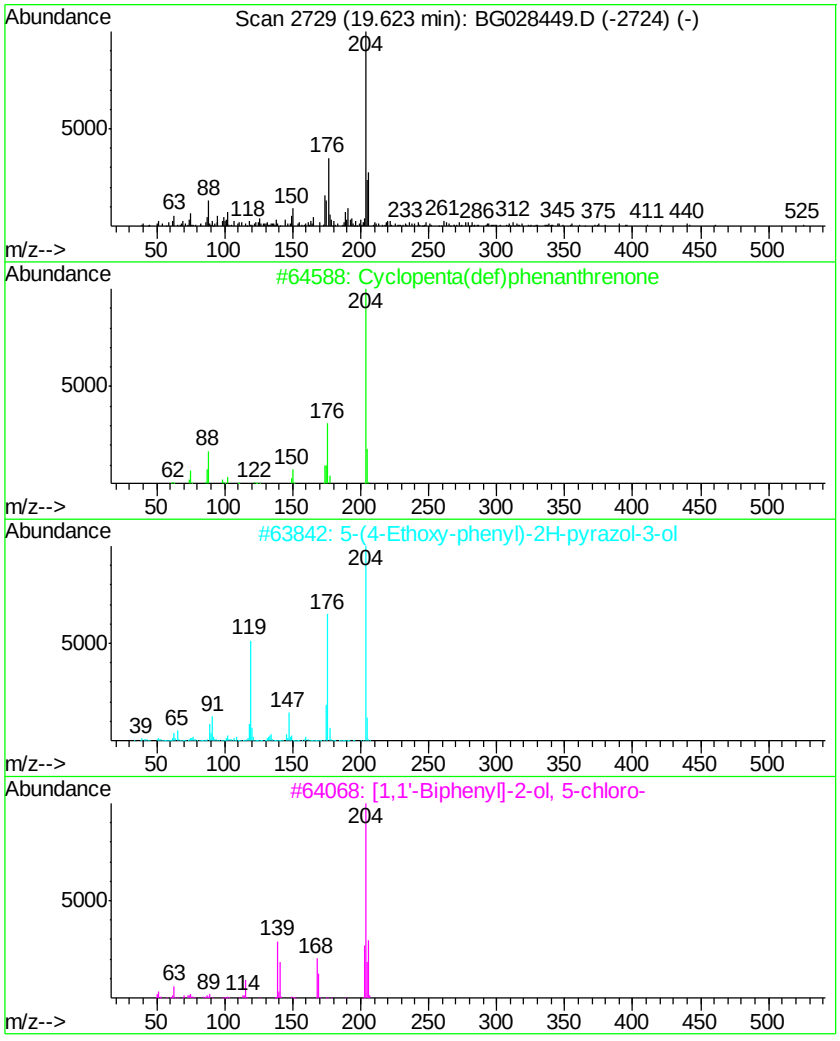
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

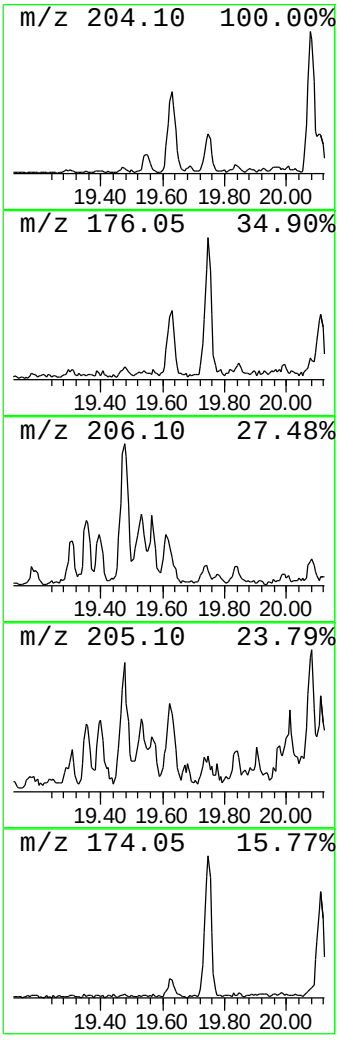
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.67 ng/ul	167970	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	52
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

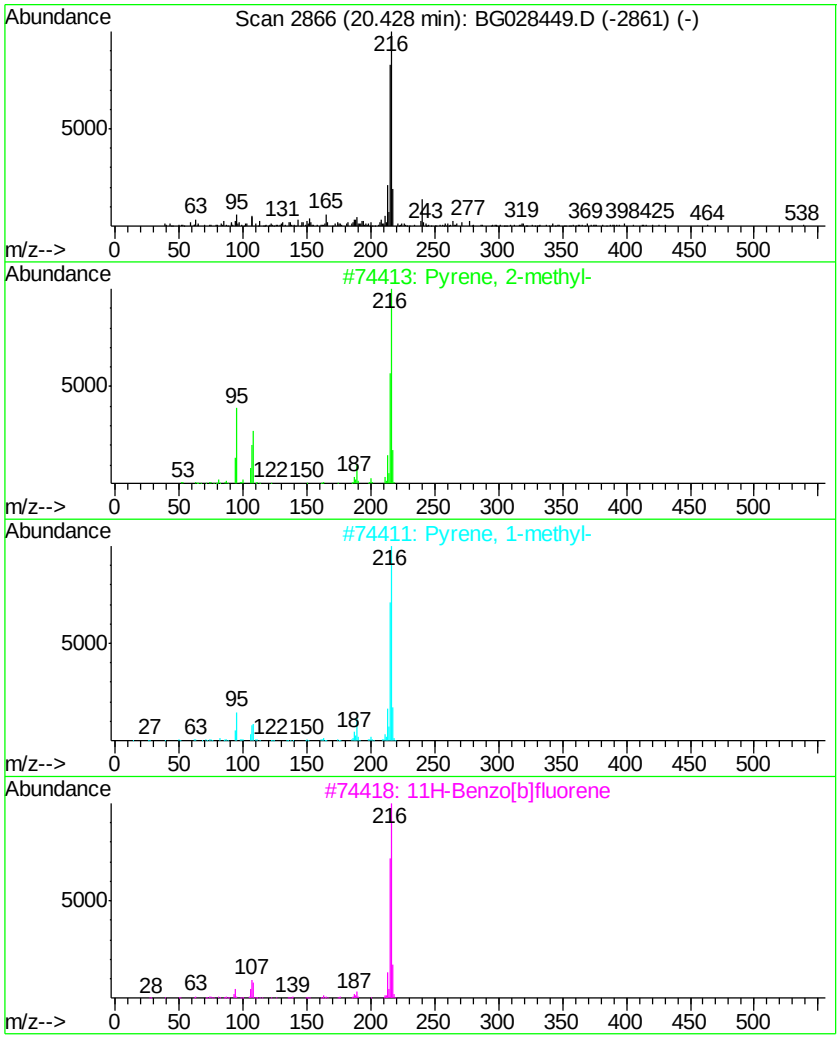
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

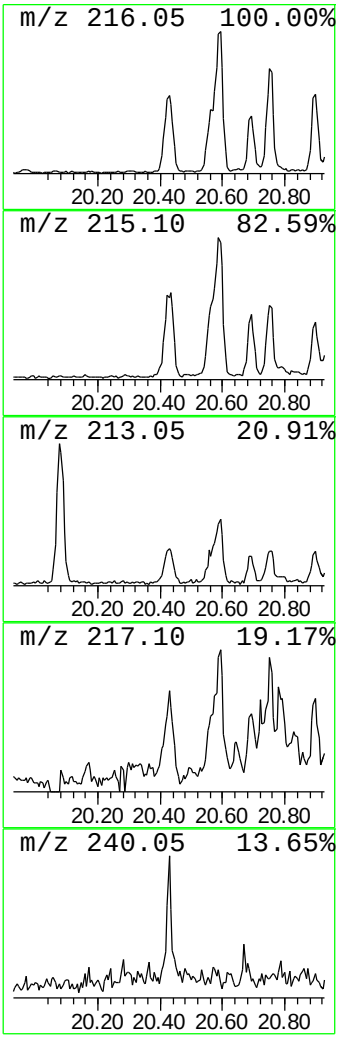
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.29 ng/ul	250121	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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

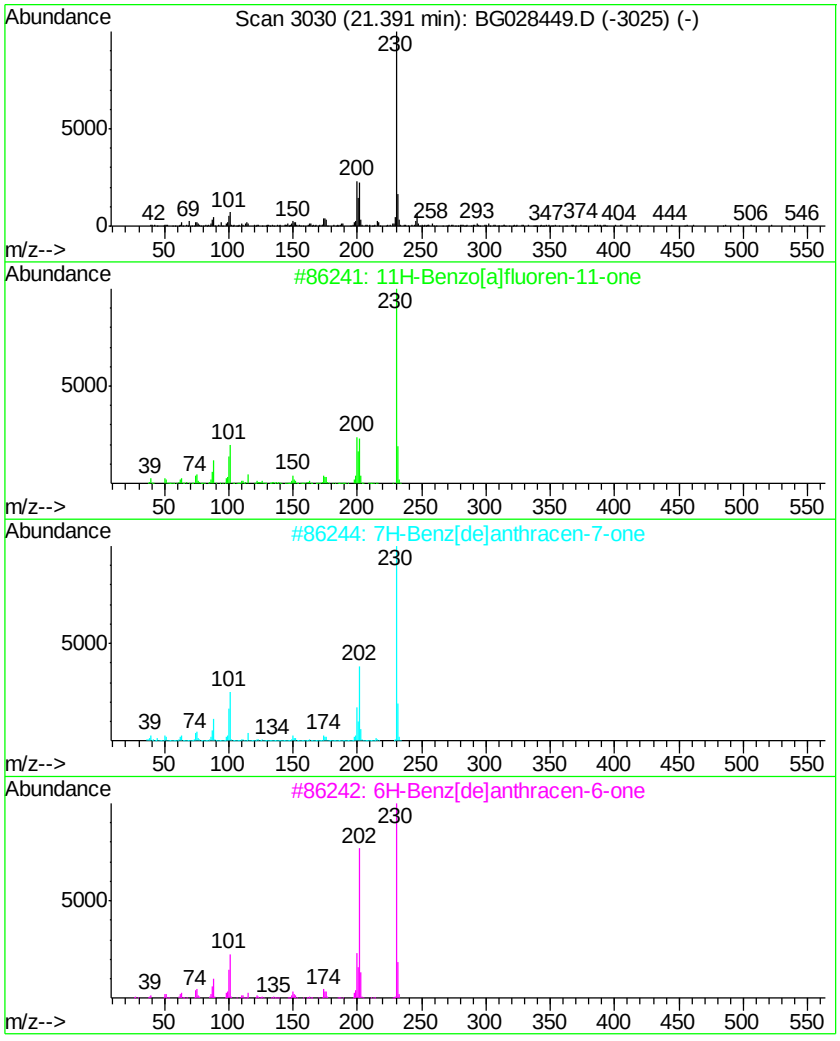
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

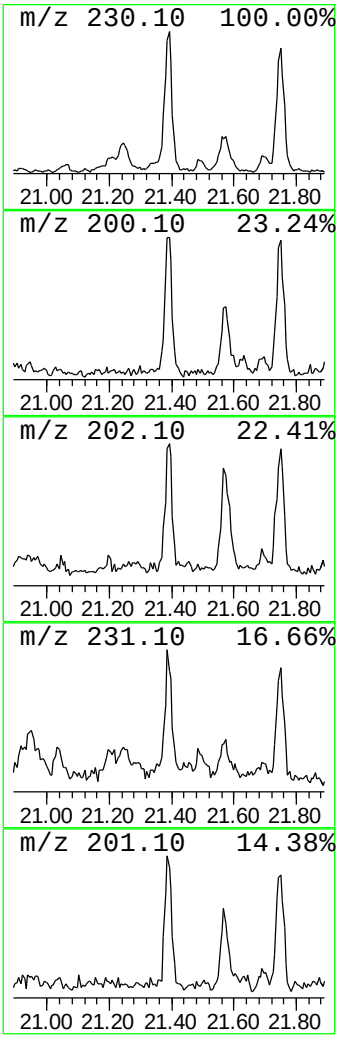
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.92 ng/ul	320103	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028449.D
Acq On : 23 Aug 2017 14:05
Operator : SJ/JU
Sample : I4827-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AC2

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
unknown-01	4.33	2.9	ng/ul	42249	1	8.35	294714	20.0
(DEL) Alkane: Str...	15.75	2.1	ng/ul	65569	3	14.95	637435	20.0
(DEL) Alkane: Str...	16.61	2.1	ng/ul	74025	4	17.71	719357	20.0
9H-Fluoren-9-one	17.35	2.8	ng/ul	102190	4	17.71	719357	20.0
Dibenzothiophene	17.52	2.7	ng/ul	96937	4	17.71	719357	20.0
Phenanthrene, 1-m...	18.58	9.4	ng/ul	336544	4	17.71	719357	20.0
Phenanthrene, 2-m...	18.70	2.4	ng/ul	84689	4	17.71	719357	20.0
Benzaldehyde, 3,5...	18.77	10.8	ng/ul	388225	4	17.71	719357	20.0
5,16[1',2']:8,13[...	19.06	4.7	ng/ul	168466	4	17.71	719357	20.0
9,10-Anthracenedione	19.11	5.8	ng/ul	208950	4	17.71	719357	20.0
Phenanthrene, 2,5...	19.48	6.7	ng/ul	240389	4	17.71	719357	20.0
Cyclopenta(def)ph...	19.62	4.7	ng/ul	167970	4	17.71	719357	20.0
Pyrene, 2-methyl-	20.43	2.3	ng/ul	250121	5	22.04	2189230	20.0
11H-Benzo[a]fluor...	21.39	2.9	ng/ul	320103	5	22.04	2189230	20.0