LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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	3.820	35	39	47	rVB3	9161	16925	0.79%	0.065%
2	4.084	79	84	94	rVB	10068	22007	1.03%	0.085%
3	4.219	104	107	115	rBV4	3154	5909	0.28%	0.023%
4	4.325	120	125	132	rVB2	27086	41007	1.92%	0.158%
5	4.901	217	223	229	rVB6	4487	7328	0.34%	0.028%
6	5.089	251	255	260	rVB5	3989	6470	0.30%	0.025%
7	5.441	308	315	320	rVB7	3816	7746	0.36%	0.030%
8	5.530	325	330	338	rBV3	8295	14106	0.66%	0.054%
9	6.957	569	573	579	rVB4	4127	6631	0.31%	0.026%
10	7.492	656	664	680	rBV2	190994	421740	19.72%	1.622%
11	7.651	685	691	699	rBV	133937	224066	10.48%	0.862%
12	7.868	720	728	736	rBV	184353	344814	16.12%	1.326%
13	8.338	801	808	820	rVB	154119	277327	12.97%	1.067%
14	9.031	919	926	942	rVB	222321	414158	19.37%	1.593%
15	9.425	985	993	997	rBV4	2775	5988	0.28%	0.023%
16	9.507	997	1007	1018	rVV	190998	366329	17.13%	1.409%
17	9.631	1025	1028	1034	rVB6	4657	7886	0.37%	0.030%
18	10.230	1121	1130	1141	rVB	169520	316014	14.78%	1.215%
19	10.453	1161	1168	1169	rBV3	3989	6684	0.31%	0.026%
20	10.770	1212	1222	1237	rVV	244447	487337	22.79%	1.874%
21	10.912	1241	1246	1251	rBV5	5115	12571	0.59%	0.048%
22	11.082	1271	1275	1279	rBV3	7332	9803	0.46%	0.038%
23	11.158	1279	1288	1293	rBV	211936	402055	18.80%	1.546%
24	11.205	1293	1296	1304	rVV2	36279	63069	2.95%	0.243%
25	11.293	1304	1311	1325	rVV3	50861	120842	5.65%	0.465%
26	11.816	1399	1400	1408	rVB6	3933	7363	0.34%	0.028%
27	12.128	1445	1453	1459	rBV4	6520	16322	0.76%	0.063%
28	12.515	1514	1519	1525	rVB4	9079	14732	0.69%	0.057%
29	12.592	1525	1532	1539	rBV4	13298	26364	1.23%	0.101%
30	12.721	1548	1554	1560	rVB7	5819	12077	0.56%	0.046%
31	12.786	1560	1565	1573	rVB	27429	49159	2.30%	0.189%
32	13.009	1596	1603	1610	rVB2	19826	40027	1.87%	0.154%
33	13.209	1632	1637	1640	rBV6	5095	7385	0.35%	0.028%
34	13.450	1674	1678	1683	rBV4	10011	13430	0.63%	0.052%

LSC Area Percent Report

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Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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	13.532	1687	1692	1697	rVB7	3732	8004	0.37%	0.031%
36	13.738	1722	1727	1730	rBV6	11746	19420	0.91%	0.075%
37	13.785	1730	1735	1738	rVB4	7638	12234	0.57%	0.047%
38	13.967	1763	1766	1776	rVB8	8510	20779	0.97%	0.080%
39	14.125	1784	1793	1800	rBV6	15498	42932	2.01%	0.165%
40	14.266	1810	1817	1821	rBV3	24879	47957	2.24%	0.184%
41	14.337	1821	1829	1833	rVV	458828	720677	33.70%	2.772%
42	14.384	1833	1837	1847	rVB	194625	294702	13.78%	1.133%
43	14.501	1853	1857	1862	rBV5	14490	22895	1.07%	0.088%
44	14.642	1875	1881	1893	rBV	465142	789898	36.93%	3.038%
45	14.766	1898	1902	1904	rBV4	5610	8504	0.40%	0.033%
46	14.795	1904	1907	1913	rVB2	16310	23114	1.08%	0.089%
47	14.948	1921	1933	1939	rBV2	327365	565097	26.42%	2.173%
48	15.013	1939	1944	1949	rVB	61246	107677	5.03%	0.414%
49	15.071	1951	1954	1960	rVB7	8447	13618	0.64%	0.052%
50	15.148	1960	1967	1977	rBV	136333	282951	13.23%	1.088%
51	15.295	1988	1992	1994	rBV4	10199	14282	0.67%	0.055%
52	15.342	1994	2000	2007	rVB	72449	136332	6.37%	0.524%
53	15.412	2007	2012	2021	rVB7	21873	38705	1.81%	0.149%
54	15.547	2030	2035	2040	rBV7	16609	33218	1.55%	0.128%
55	15.606	2040	2045	2050	rVV6	11341	22160	1.04%	0.085%
56	15.747	2058	2069	2075	rVB2	43664	103291	4.83%	0.397%
57	15.812	2076	2080	2083	rBV5	7167	10070	0.47%	0.039%
58	15.935	2091	2101	2106	rBV	626707	978549	45.75%	3.764%
59	15.988	2107	2110	2116	rVV	61092	91163	4.26%	0.351%
60	16.053	2116	2121	2128	rVV	177913	279878	13.09%	1.076%
61	16.111	2129	2131	2134	rBV4	9655	12391	0.58%	0.048%
62	16.152	2135	2138	2143	rVB4	21146	27346	1.28%	0.105%
63	16.282	2156	2160	2166	rVB3	31574	55344	2.59%	0.213%
64	16.370	2173	2175	2178	rBV3	8687	7544	0.35%	0.029%
65	16.429	2180	2185	2193	rVB2	35330	82118	3.84%	0.316%
66	16.611	2211	2216	2218	rBV2	47982	77170	3.61%	0.297%
67	16.963	2271	2276	2277	rBV4	18418	25804	1.21%	0.099%
68	17.051	2287	2291	2298	rBV5	16390	28446	1.33%	0.109%
69	17.216	2312	2319	2324	rBV8	27305	69395	3.24%	0.267%
70	17.351	2336	2342	2347	rBV	69251	124351	5.81%	0.478%
71	17.404	2347	2351	2354	rBV2	45791	67379	3.15%	0.259%

LSC Area Percent Report

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Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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	17.516	2365	2370	2376	rVB	52277	79024	3.69%	0.304%
73	17.698	2394	2401	2404	rBV	399582	648394	30.32%	2.494%
74	17.739	2404	2408	2413	rVV	912175	1404484	65.67%	5.402%
75	17.798	2413	2418	2430	rVB2	688063	1222805	57.18%	4.703%
76	18.097	2462	2469	2474	rBV3	90957	189084	8.84%	0.727%
77	18.209	2484	2488	2493	rBV2	25503	42682	2.00%	0.164%
78	18.279	2496	2500	2504	rVB2	30647	47693	2.23%	0.183%
79	18.567	2540	2549	2553	rBV2	180465	488887	22.86%	1.880%
80	18.614	2553	2557	2565	rVB	215335	335623	15.69%	1.291%
81	18.696	2566	2571	2576	rVB	48020	78834	3.69%	0.303%
82	18.761	2576	2582	2586	rBV4	157037	362930	16.97%	1.396%
83	19.055	2627	2632	2636	rBV	115055	180542	8.44%	0.694%
84	19.102	2636	2640	2648	rVB2	138078	218695	10.23%	0.841%
85	19.349	2679	2682	2685	rVB3	39563	41321	1.93%	0.159%
86	19.466	2697	2702	2707	rBV	114998	221166	10.34%	0.851%
87	19.613	2723	2727	2732	rBV2	89552	164931	7.71%	0.634%
88	19.736	2741	2748	2754	rBV	1426495	2037845	95.28%	7.838%
89	19.801	2755	2759	2770	rVB6	119881	242347	11.33%	0.932%
90	20.071	2799	2805	2807	rBV2	1027969	1651212	77.21%	6.351%
91	20.101	2807	2810	2816	rVB	1284754	1846750	86.35%	7.103%
92	20.159	2817	2820	2825	rVB3	111138	157252	7.35%	0.605%
93	20.271	2836	2839	2843	rVB	82742	111648	5.22%	0.429%
94	20.418	2858	2864	2871	rBV3	117312	267457	12.51%	1.029%
95	20.888	2940	2944	2948	rBV2	114251	181177	8.47%	0.697%
96	20.935	2949	2952	2963	rVB2	137885	280457	13.11%	1.079%
97	21.382	3023	3028	3035	rVB	172959	303756	14.20%	1.168%
98	22.010	3129	3135	3143	rBV3	745311	2138691	100.00%	8.226%
99	22.081	3143	3147	3158	rVB	597805	1122348	52.48%	4.317%
100	24.425	3540	3546	3554	rBV2	281366	870792	40.72%	3.349%

Sum of corrected areas: 25999893

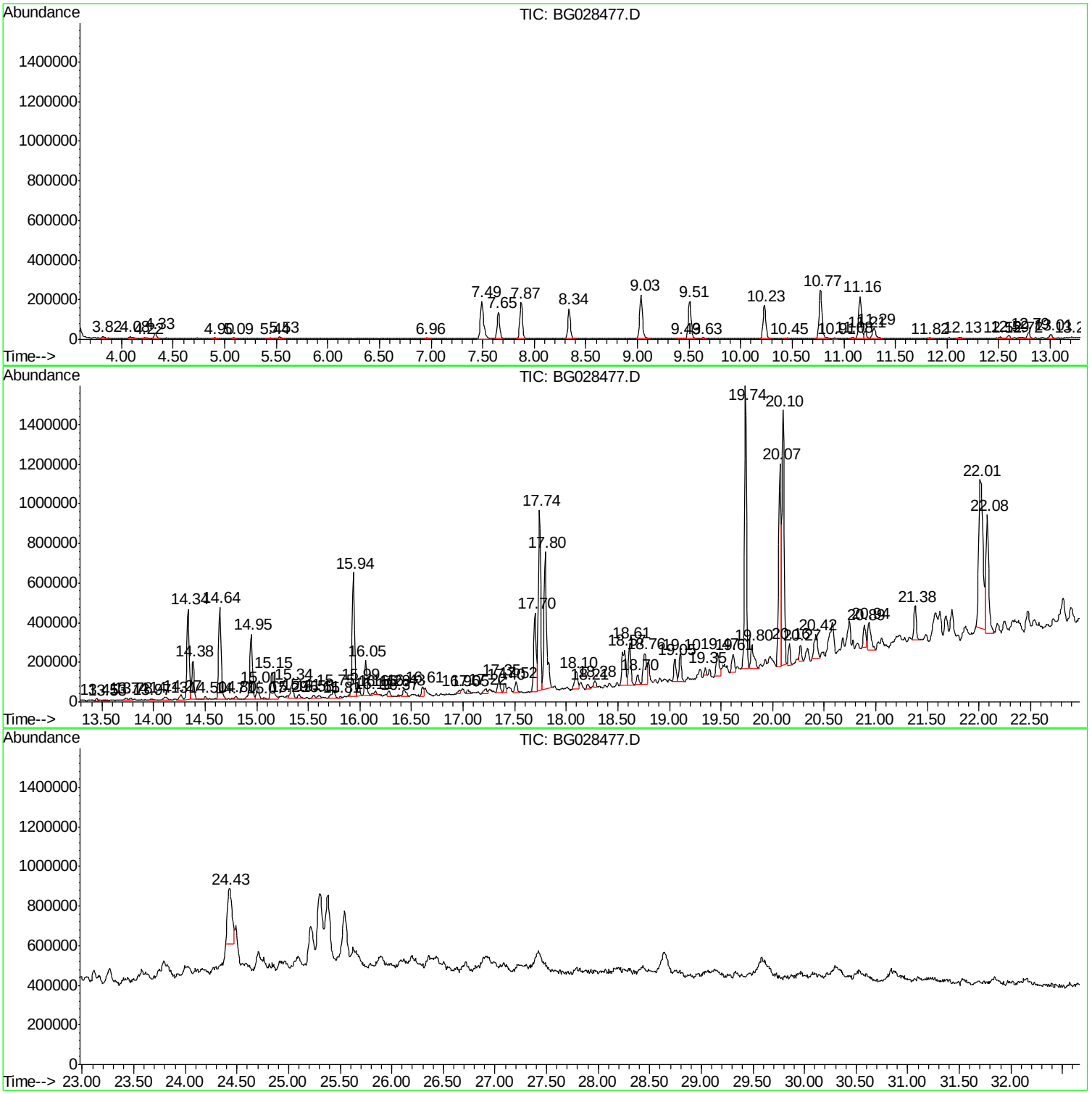
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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

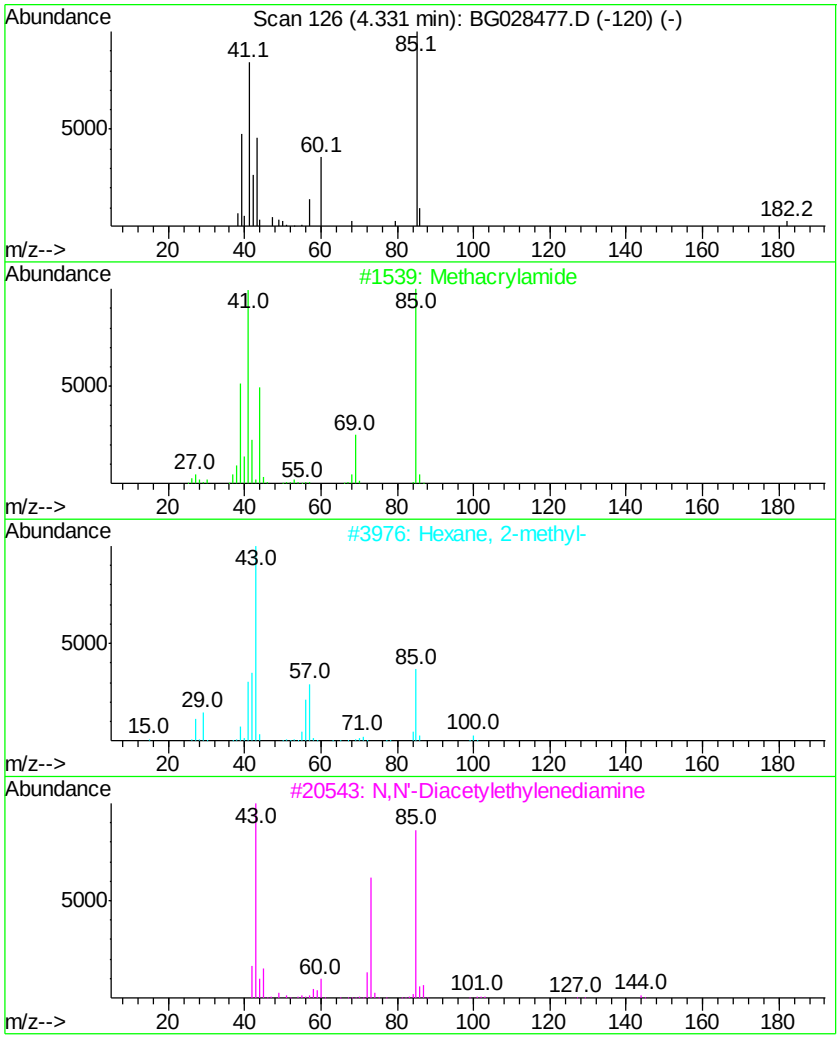
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

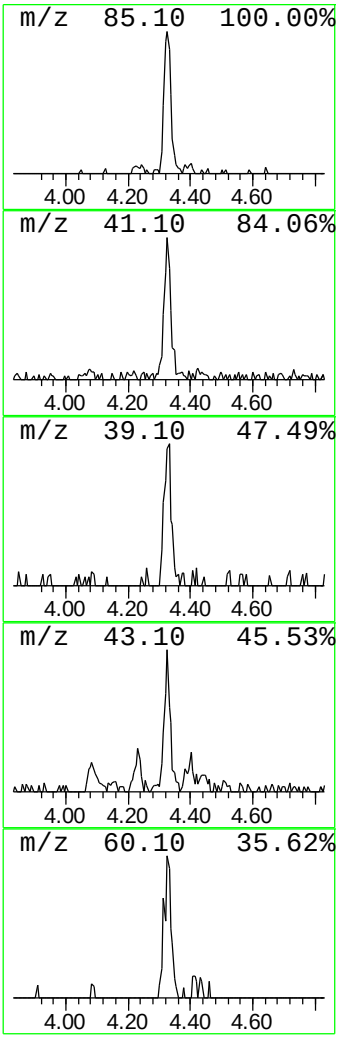
****

Peak Number 1 Methacrylamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	2.96 ng/ul	41007	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	47
3	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	39
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
5	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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

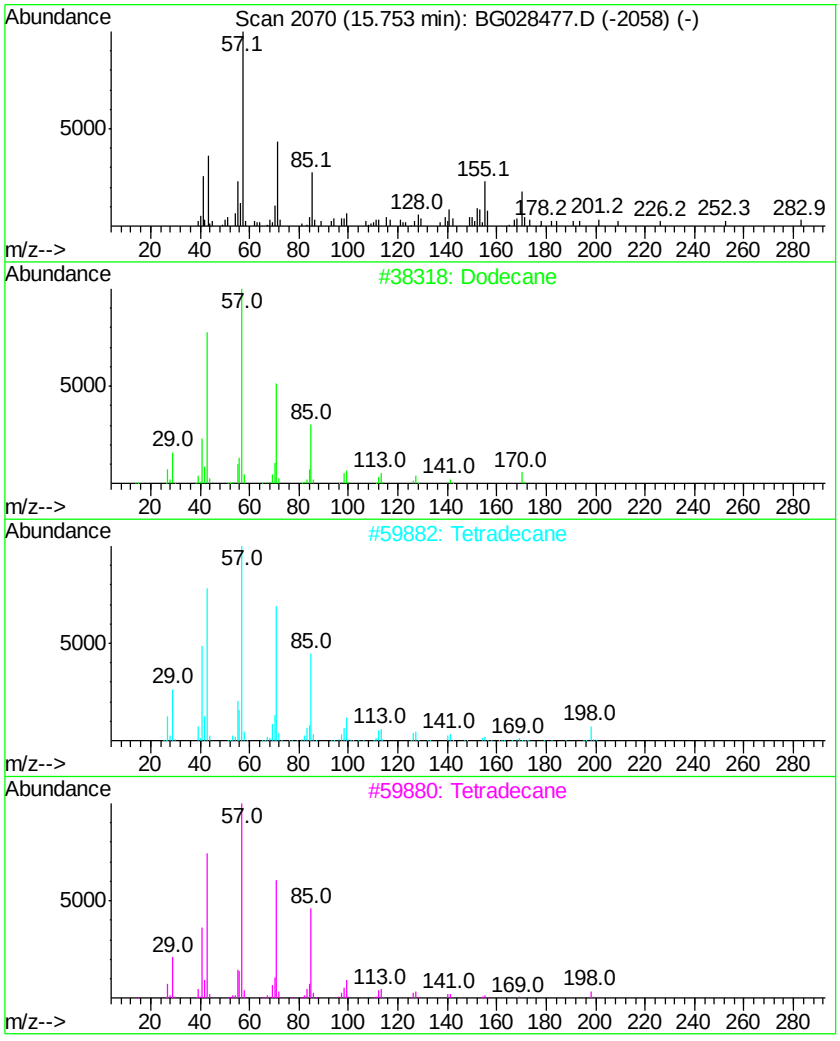
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

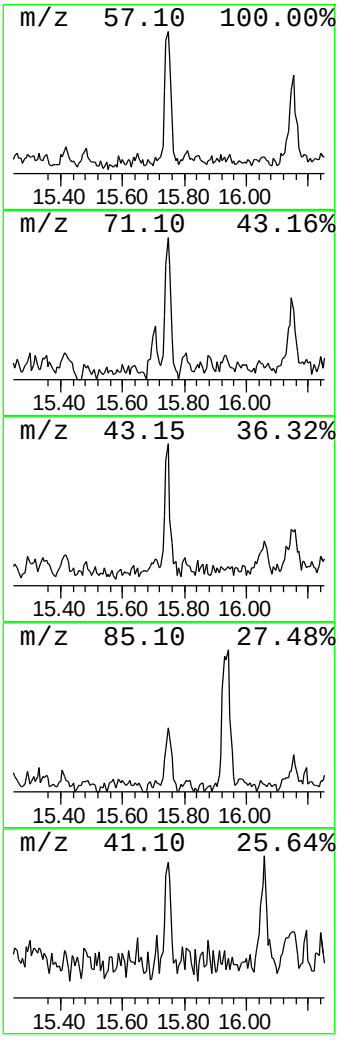
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	3.66 ng/ul	103291	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Tetradecane	198	C14H30	000629-59-4	62
3	Tetradecane	198	C14H30	000629-59-4	62
4	Tetradecane	198	C14H30	000629-59-4	60
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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

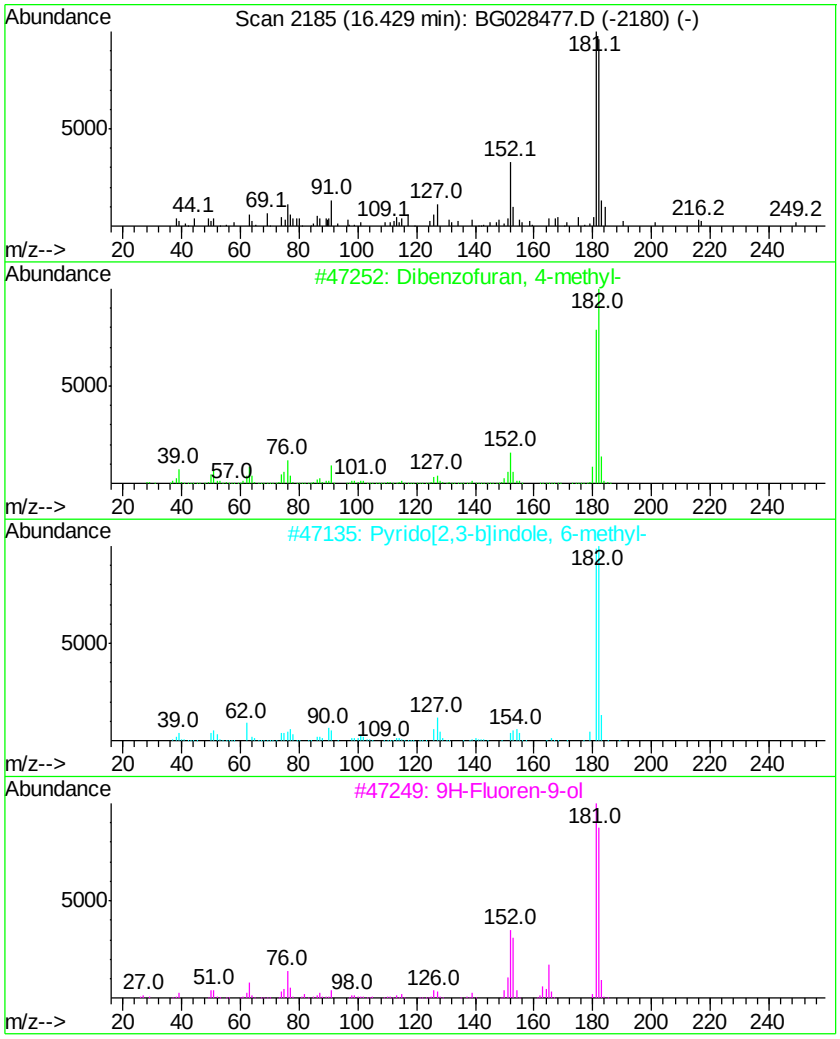
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

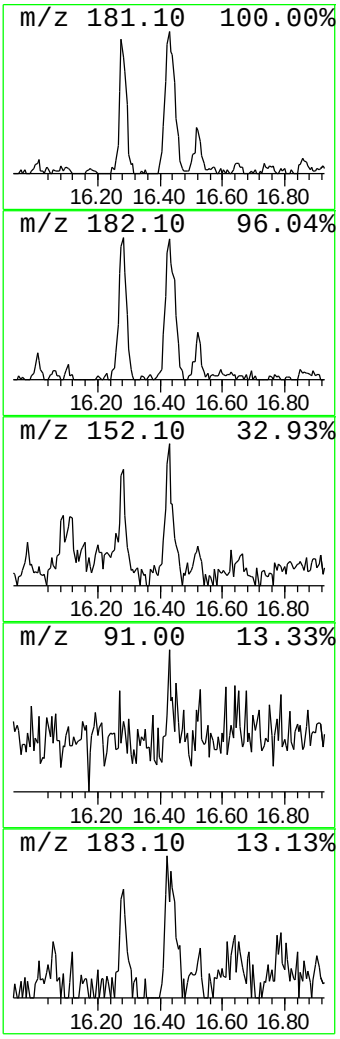
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.53 ng/ul	82118	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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

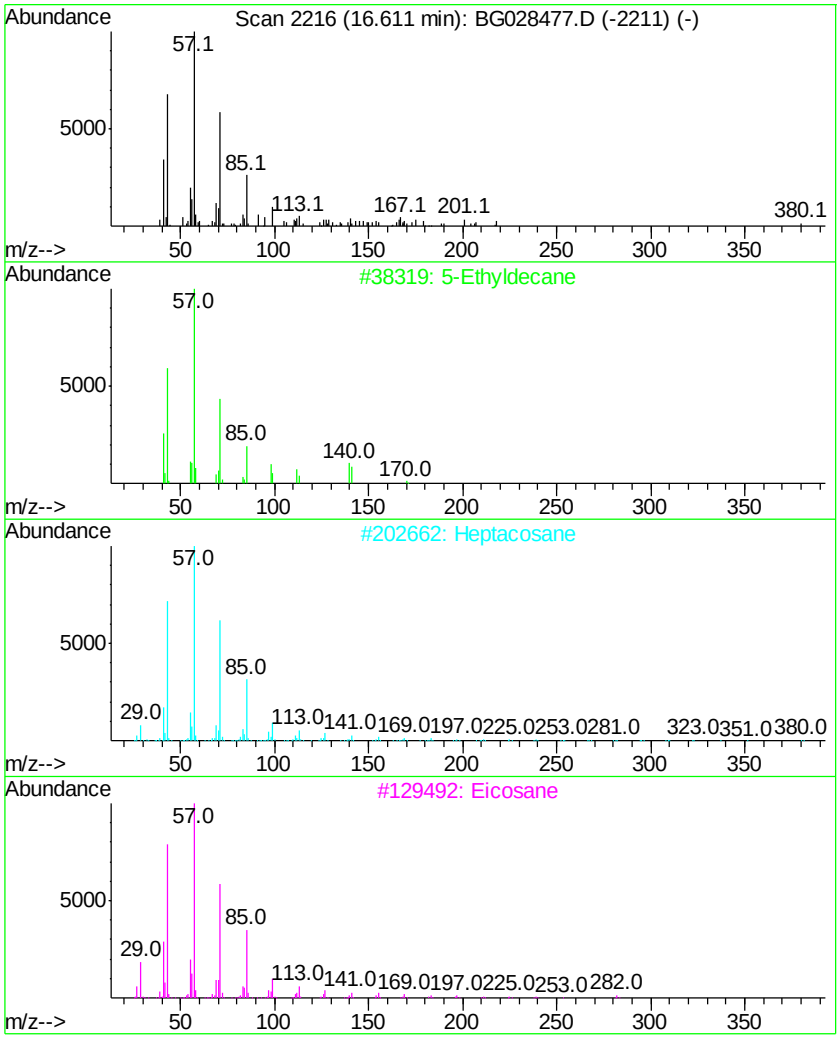
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

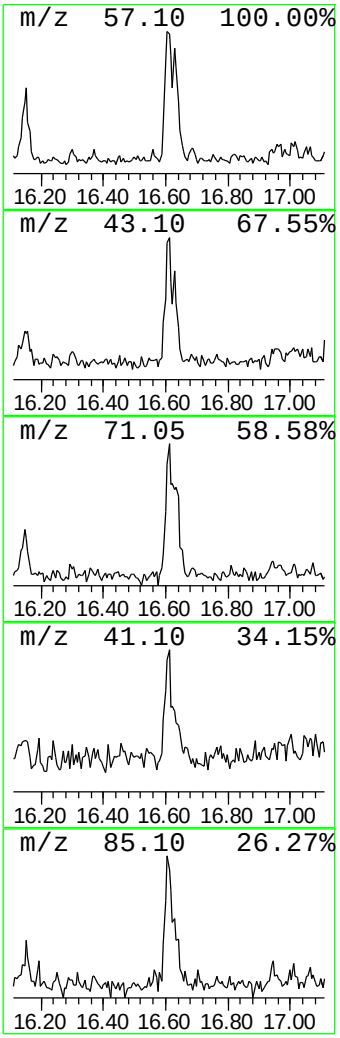
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.38 ng/ul	77170	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	81
2	Heptacosane	380	C27H56	000593-49-7	81
3	Eicosane	282	C20H42	000112-95-8	72
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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

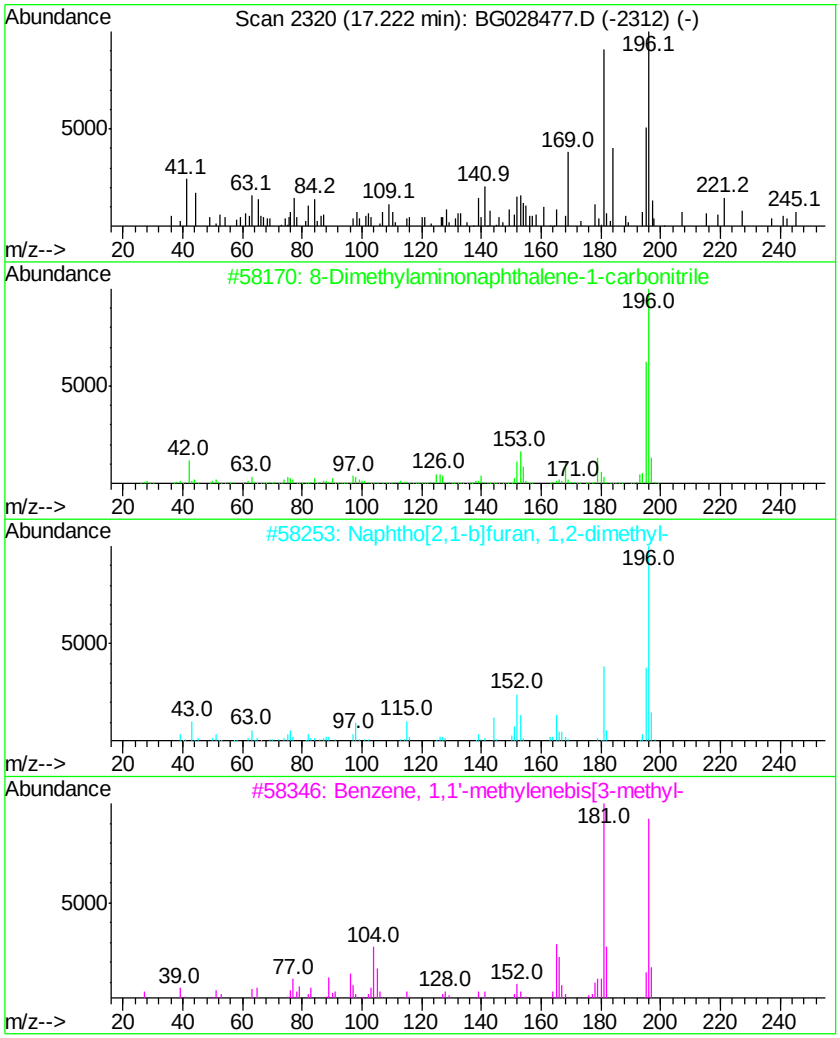
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

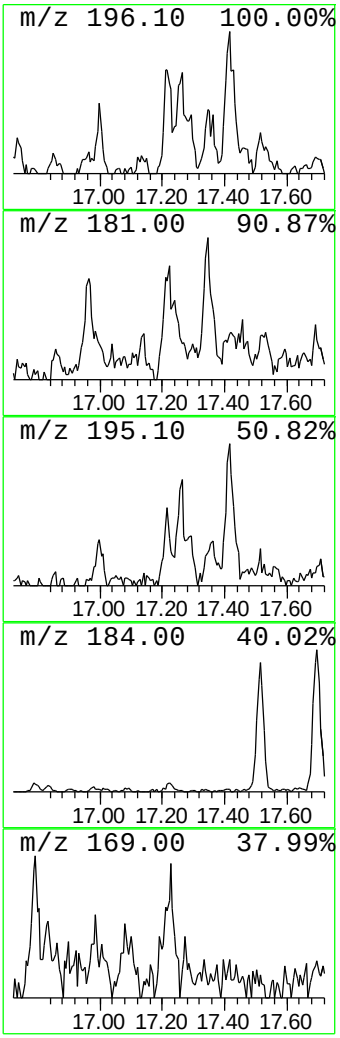
****

Peak Number 5 8-Dimethylaminonaphthalene-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.14 ng/ul	69395	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	50
3	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	47
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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Quant Title : SVOA CALIBRATION

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

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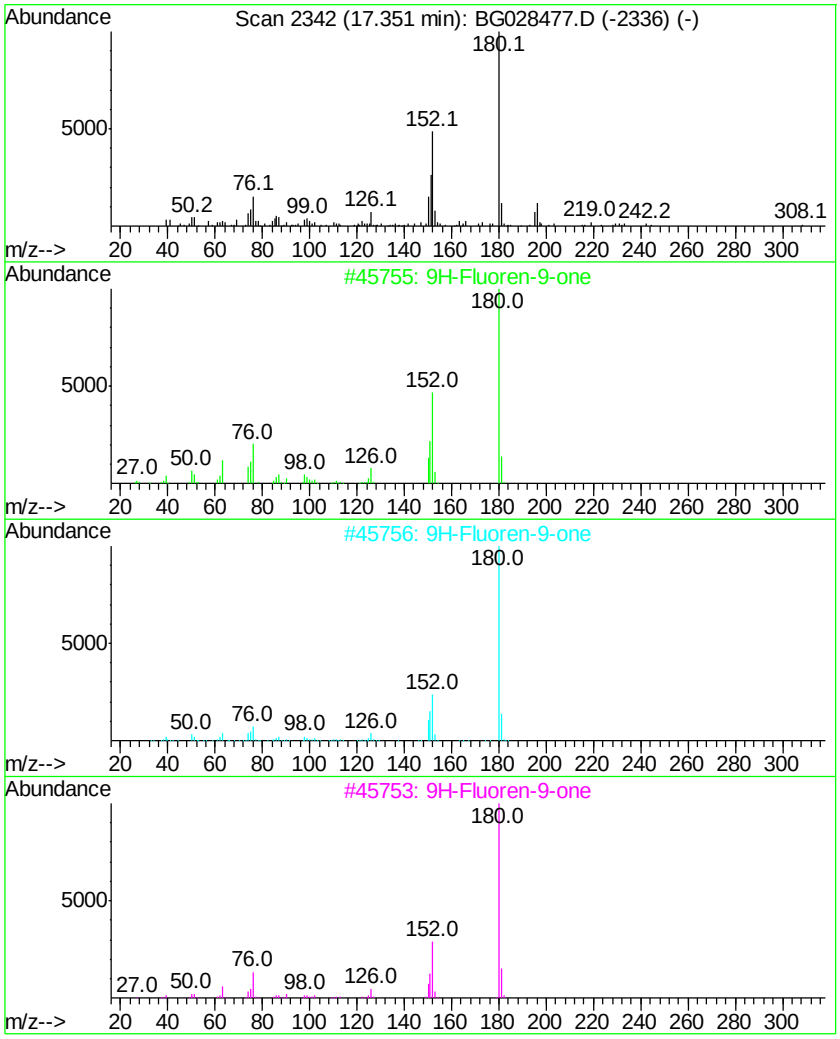
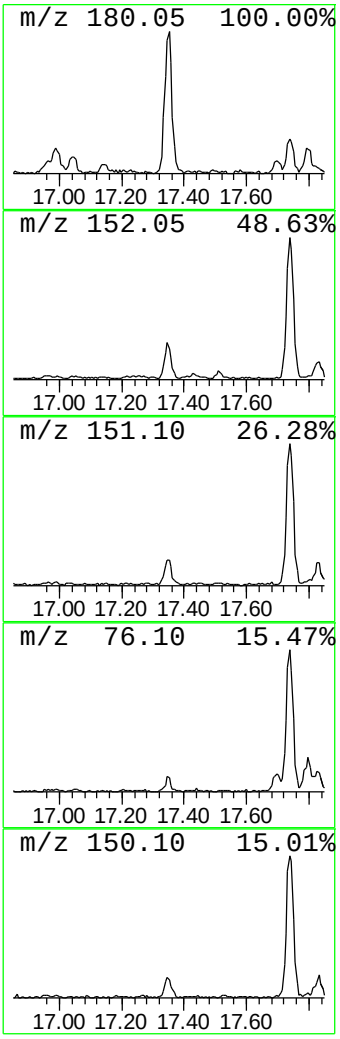
Peak Number 6 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.84 ng/ul	124351	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72





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Quant Title : SVOA CALIBRATION

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

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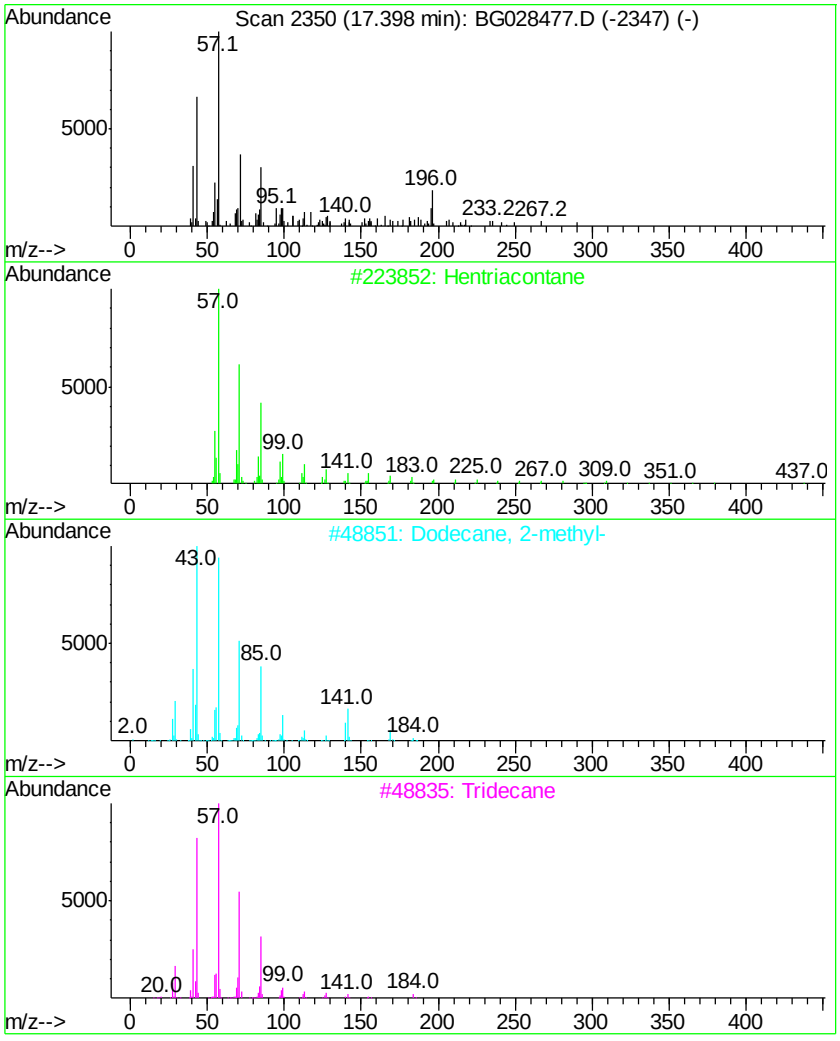
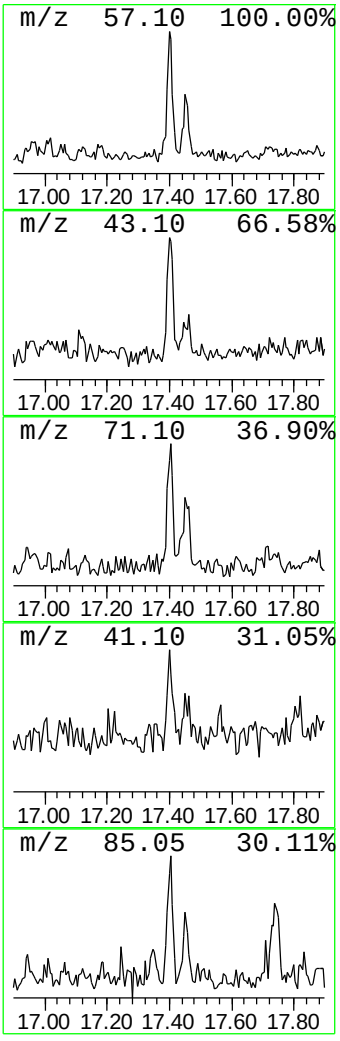
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	2.08 ng/ul	67379	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	47
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
3	Tridecane	184	C13H28	000629-50-5	43
4	Heptacosane	380	C27H56	000593-49-7	43
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	43





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Quant Title : SVOA CALIBRATION

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

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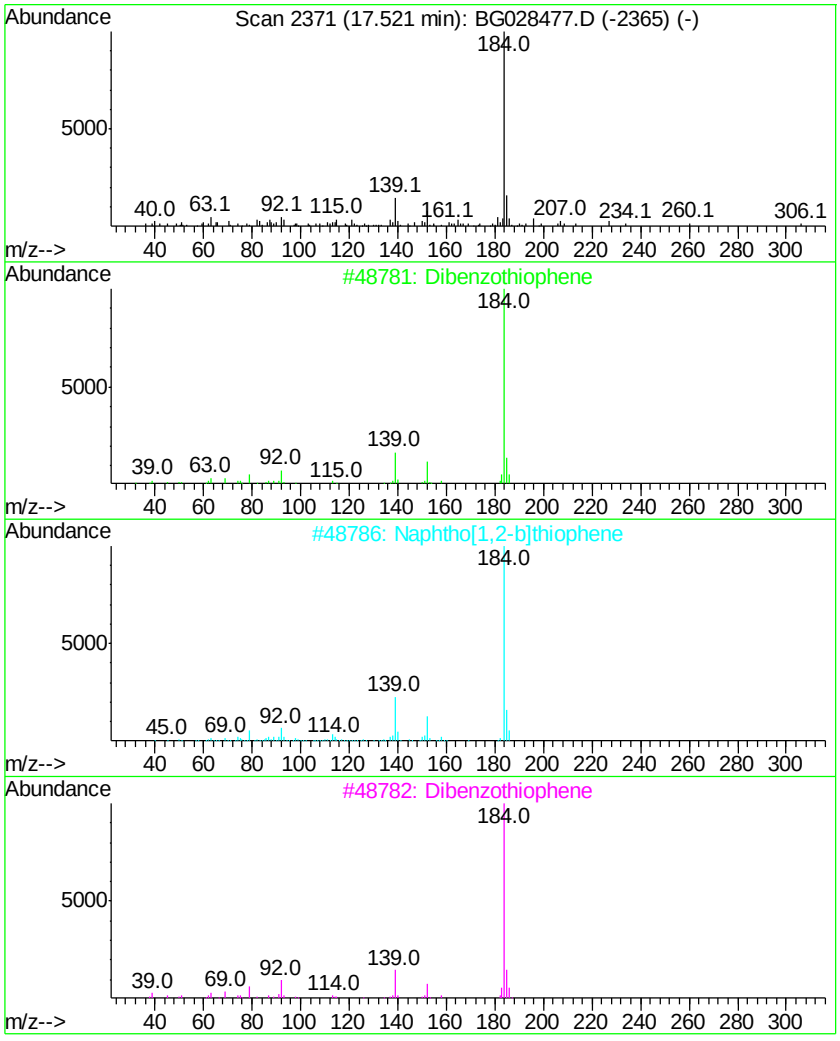
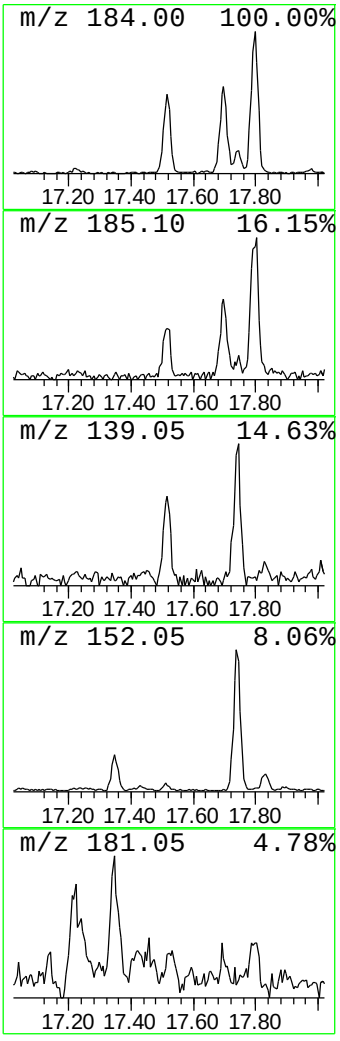
Peak Number 8 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.44 ng/ul	79024	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90





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Quant Title : SVOA CALIBRATION

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

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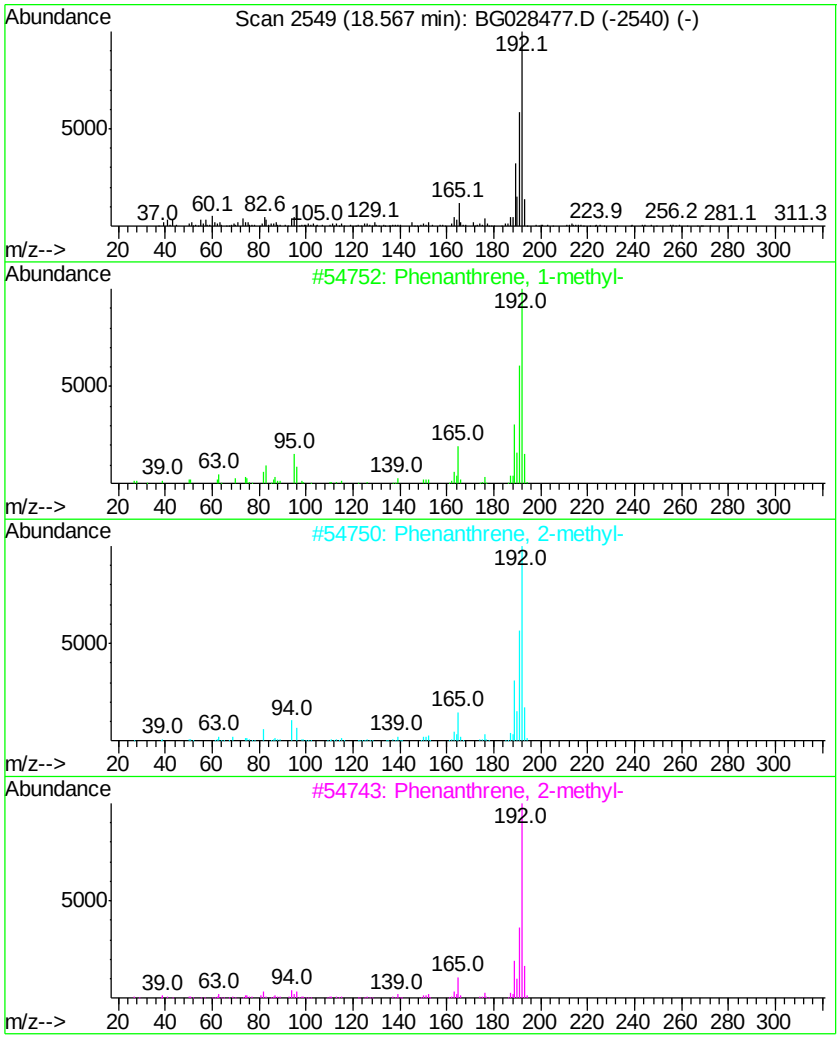
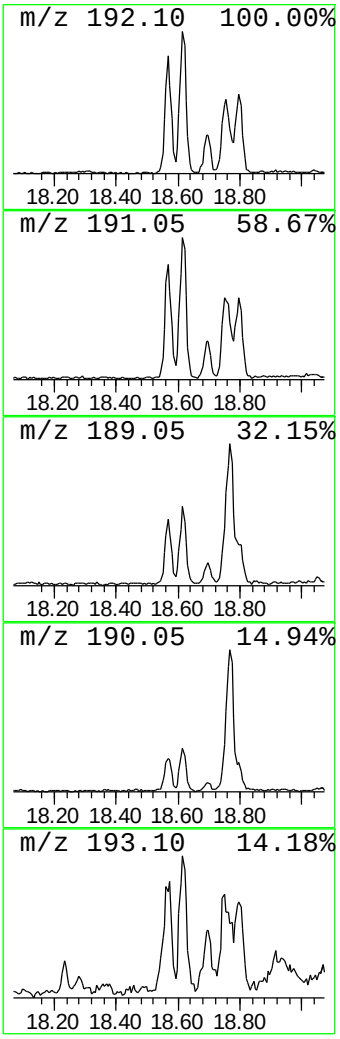
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	15.08 ng/ul	488887	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	10.35 ng/ul	335623	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
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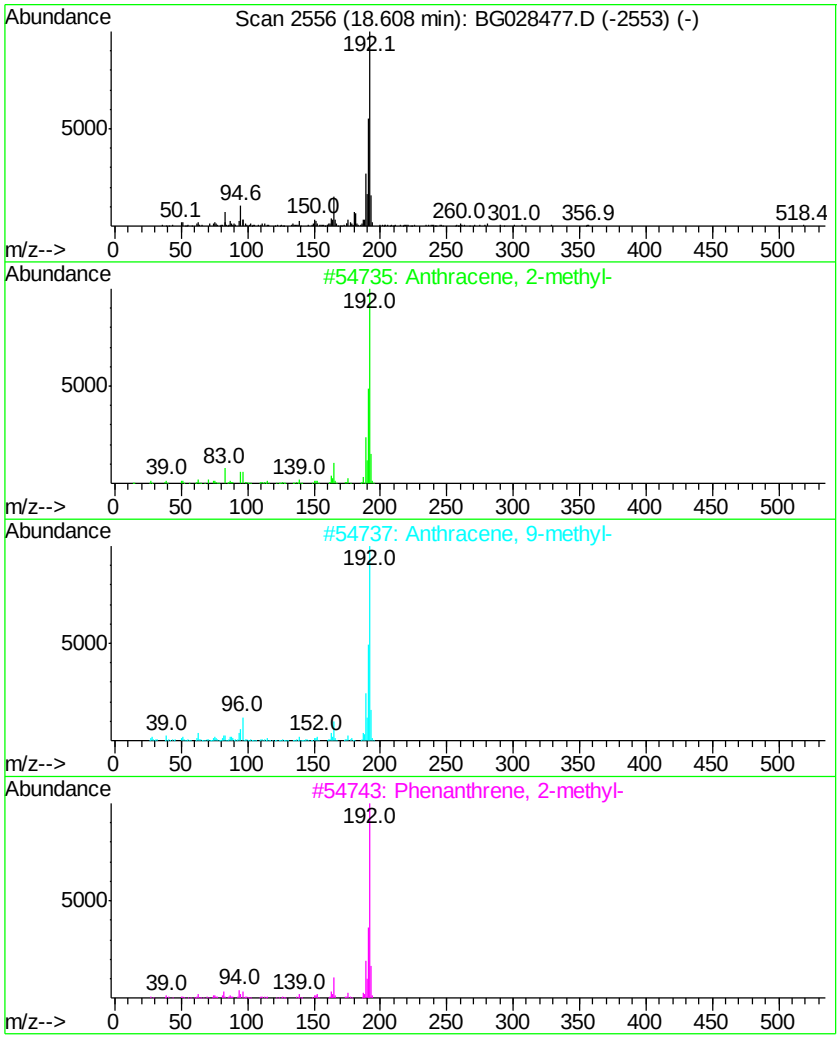
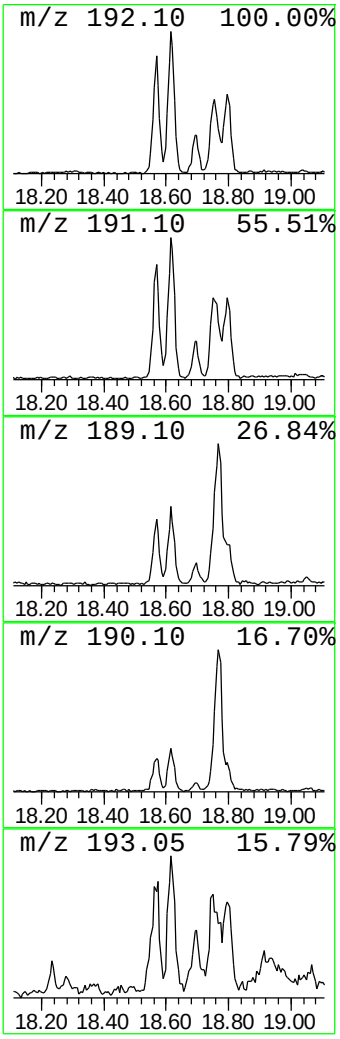
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Quant Title : SVOA CALIBRATION

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

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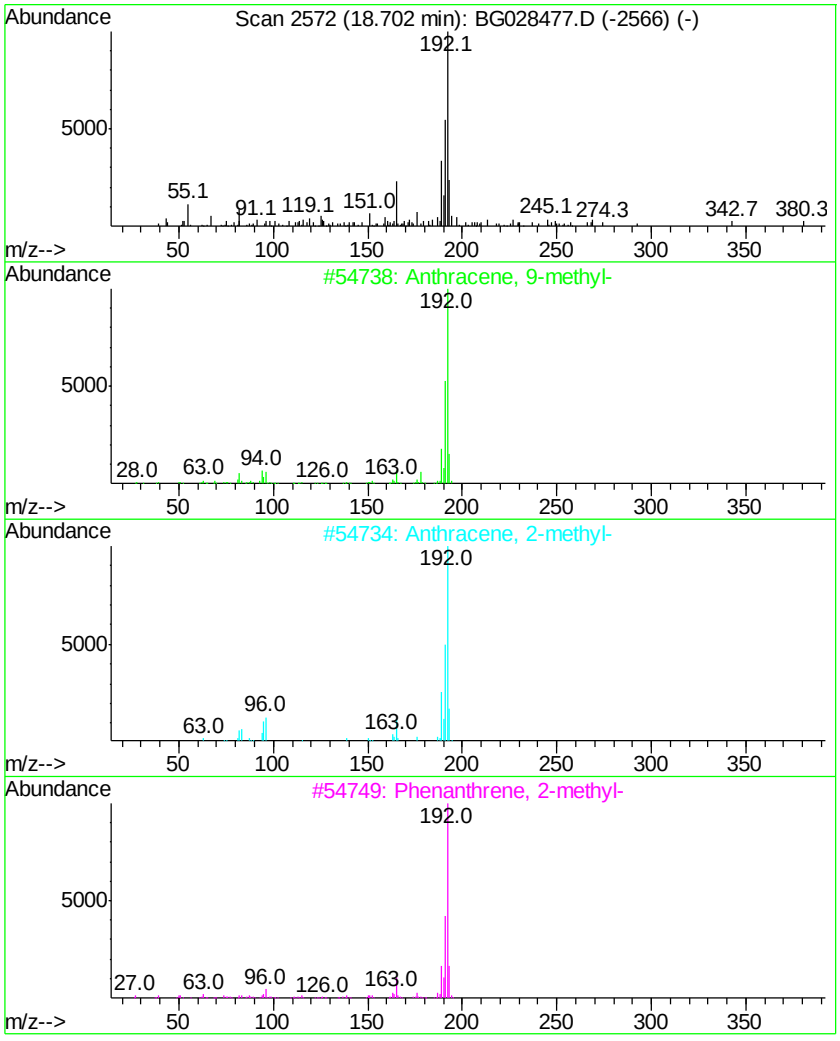
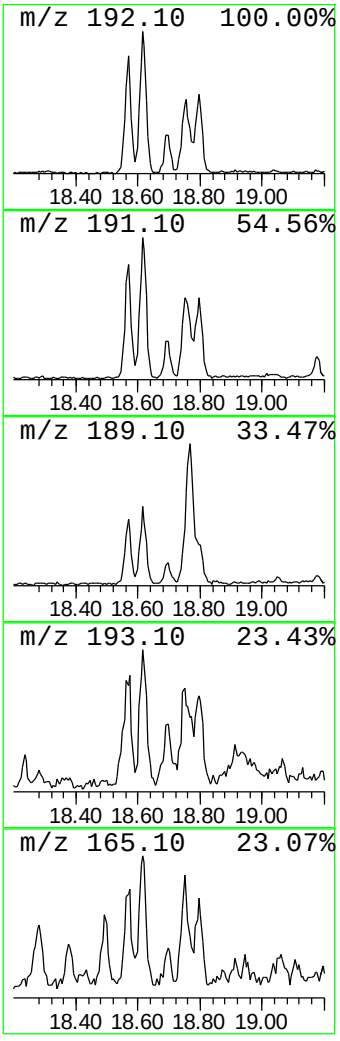
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.43 ng/ul	78834	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Quant Title : SVOA CALIBRATION

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

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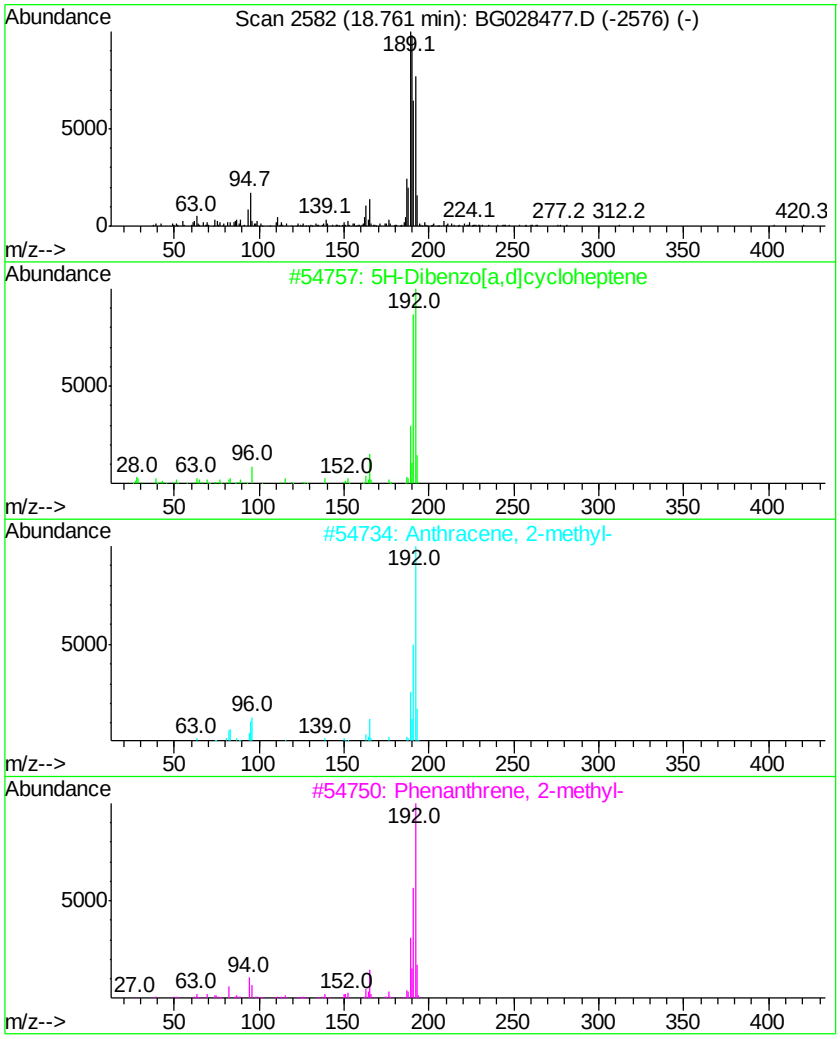
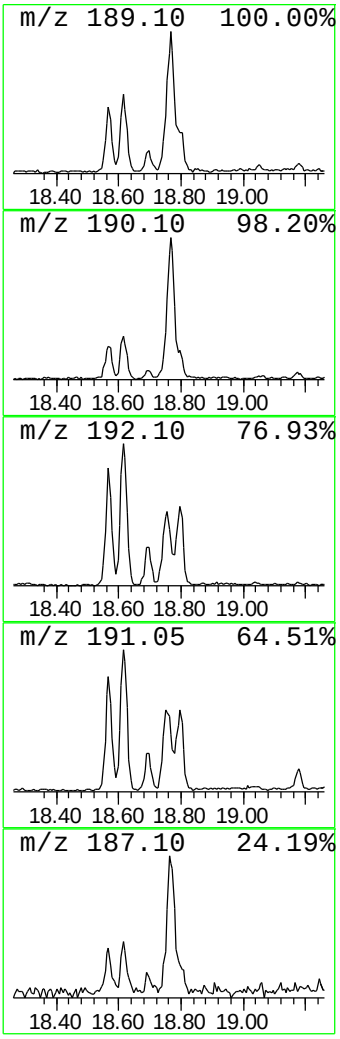
Peak Number 12 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	11.19 ng/ul	362930	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38





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

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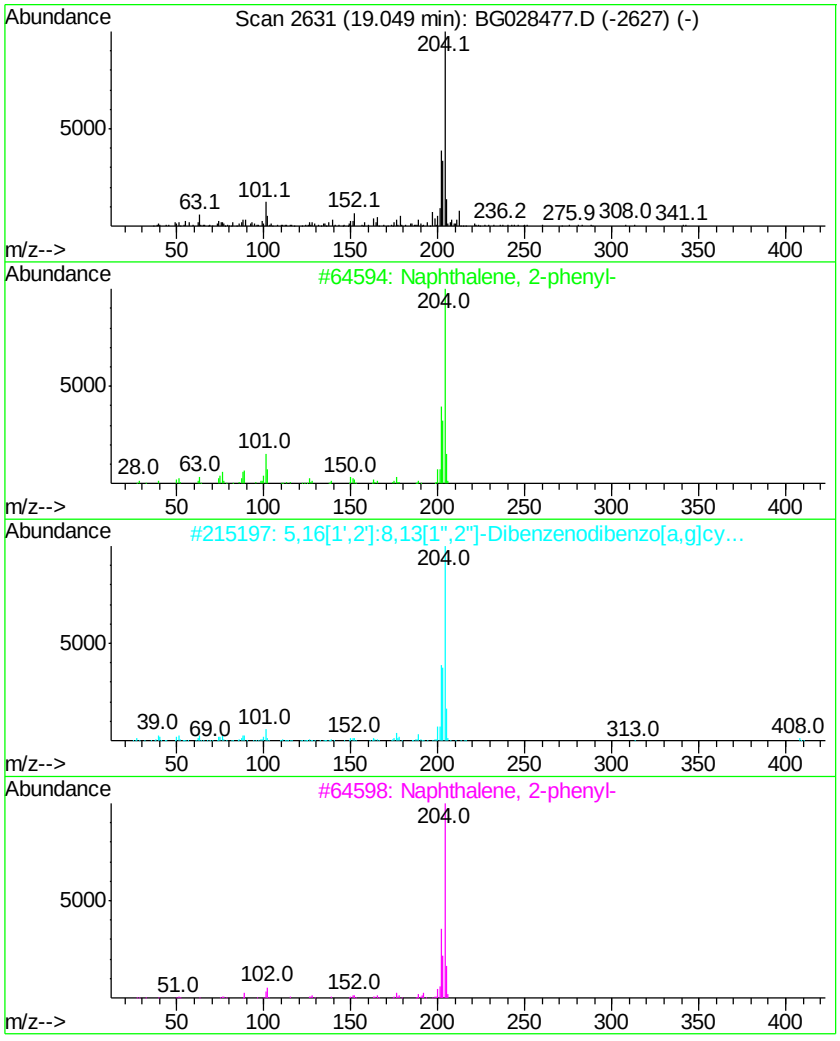
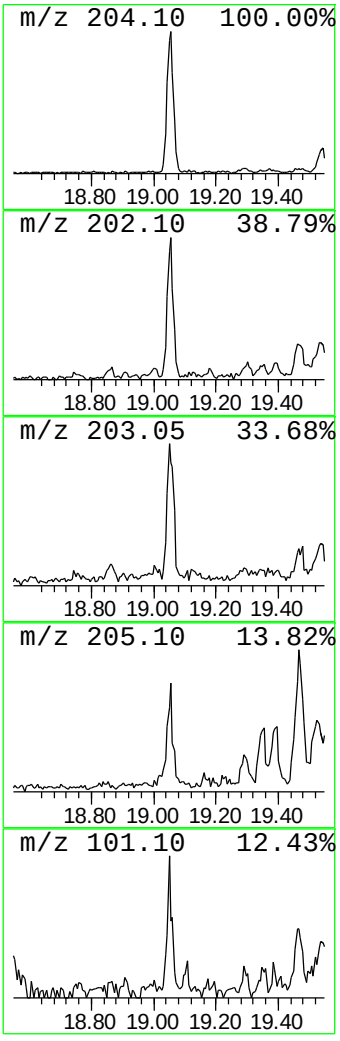
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	5.57 ng/ul	180542	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55





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TIC Integration Parameters: LSCINT.P

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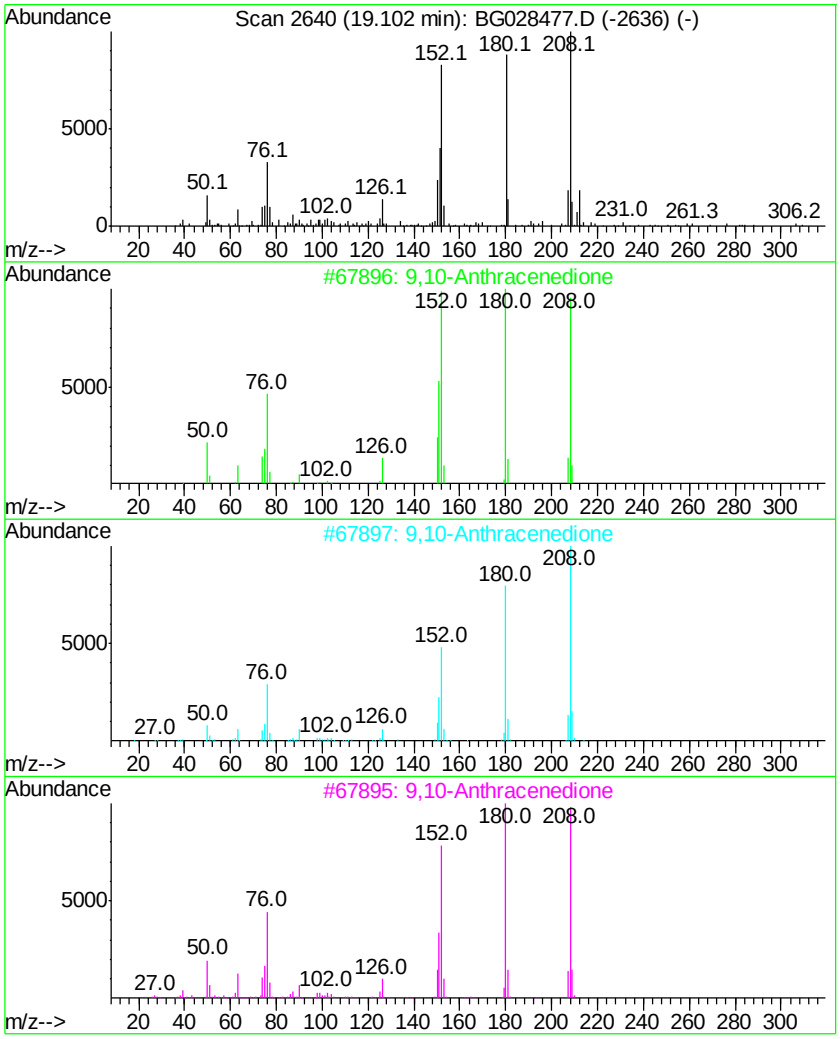
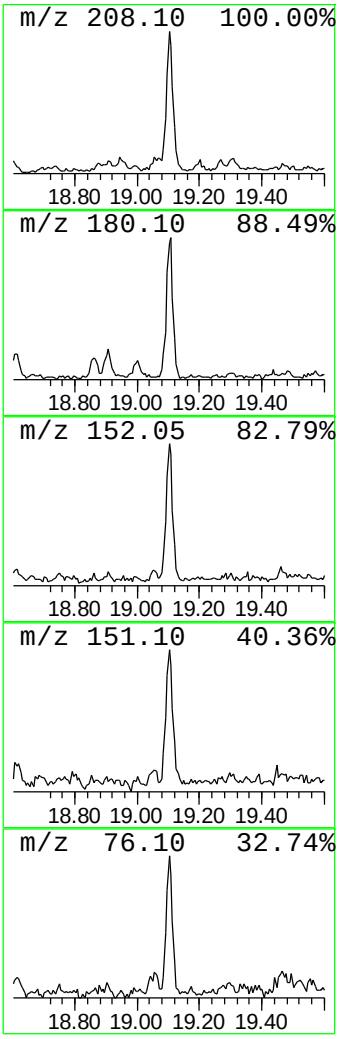
Peak Number 14 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	6.75 ng/ul	218695	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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Quant Title : SVOA CALIBRATION

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

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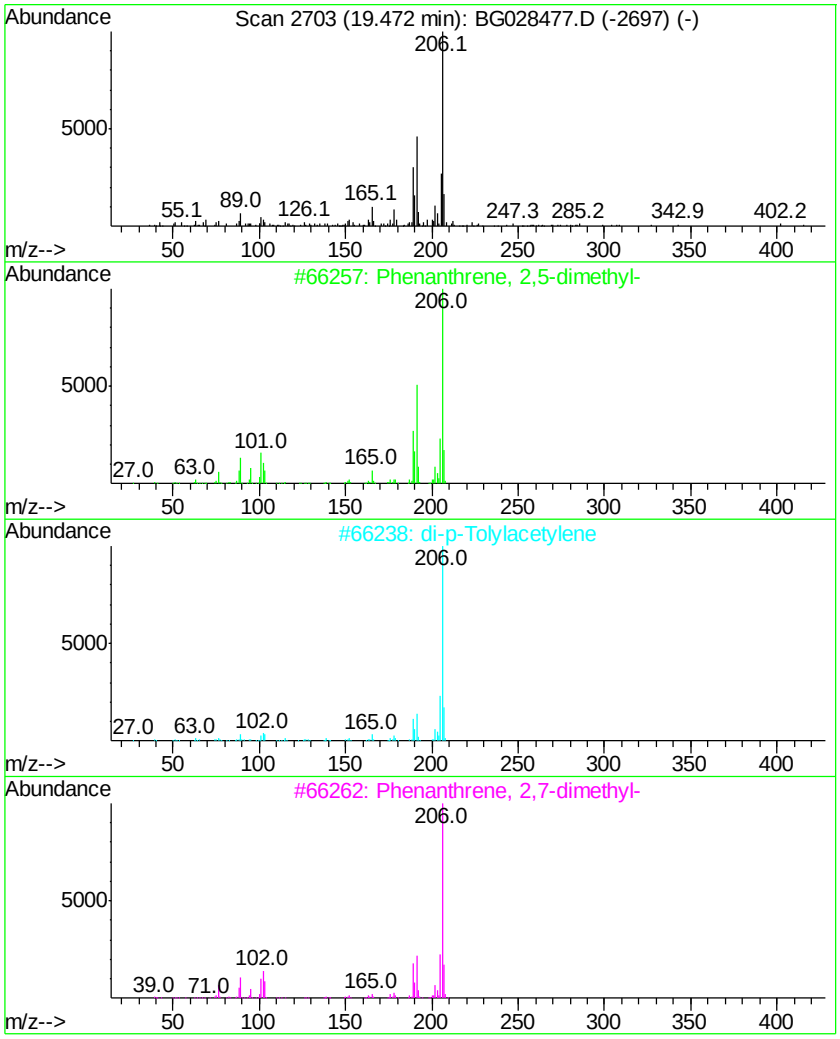
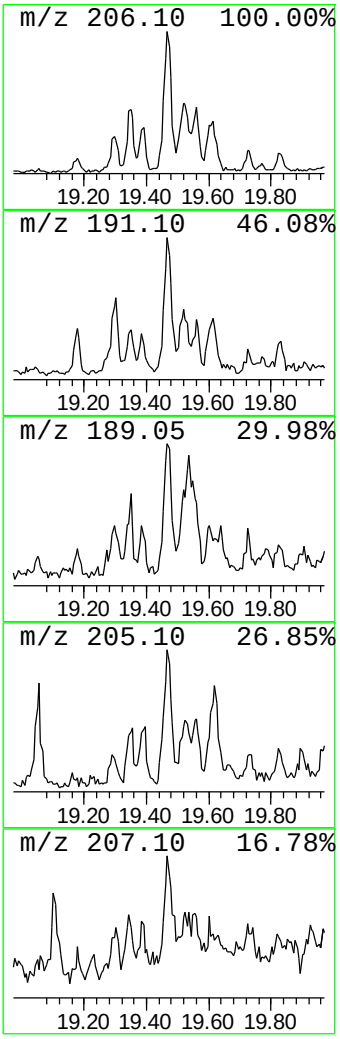
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	6.82 ng/ul	221166	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	5.09 ng/ul	164931	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	50
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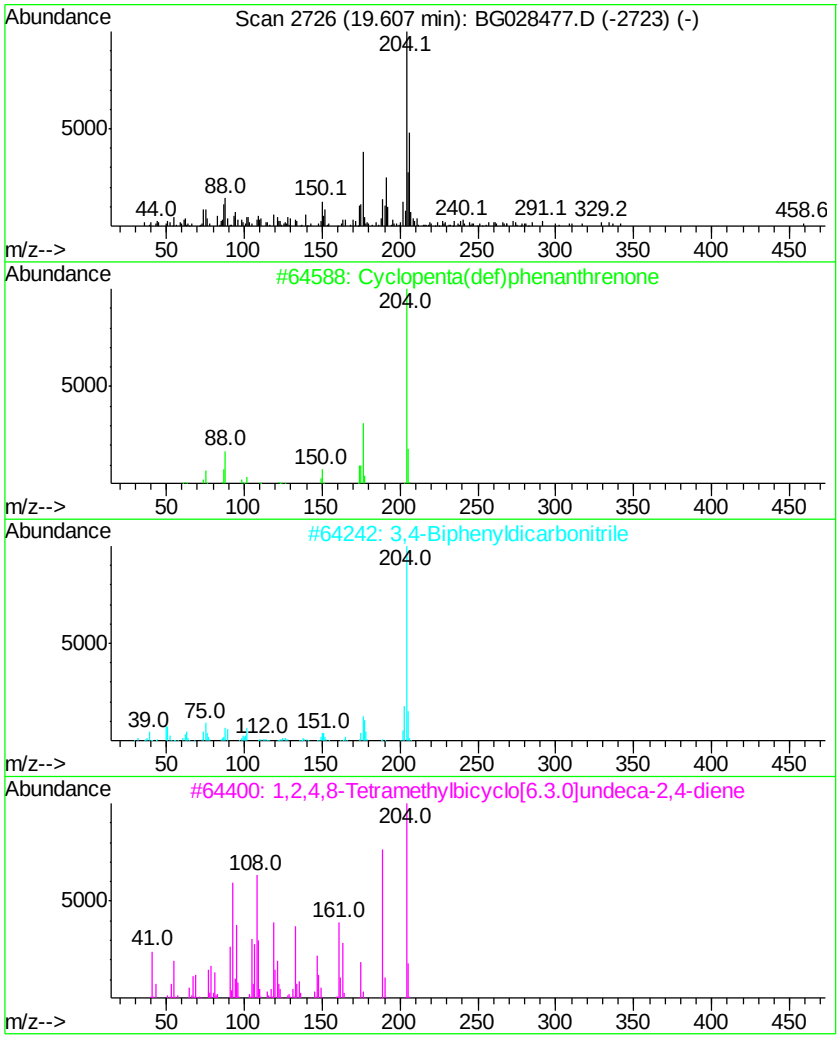

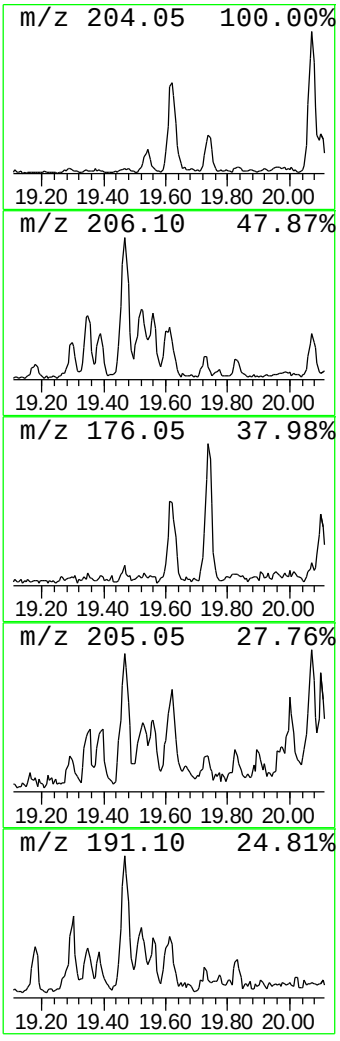

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ClientSampleId : B0AK6

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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	7.48 ng/ul	242347	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Eicosanoic acid	312	C20H40O2	000506-30-9	86
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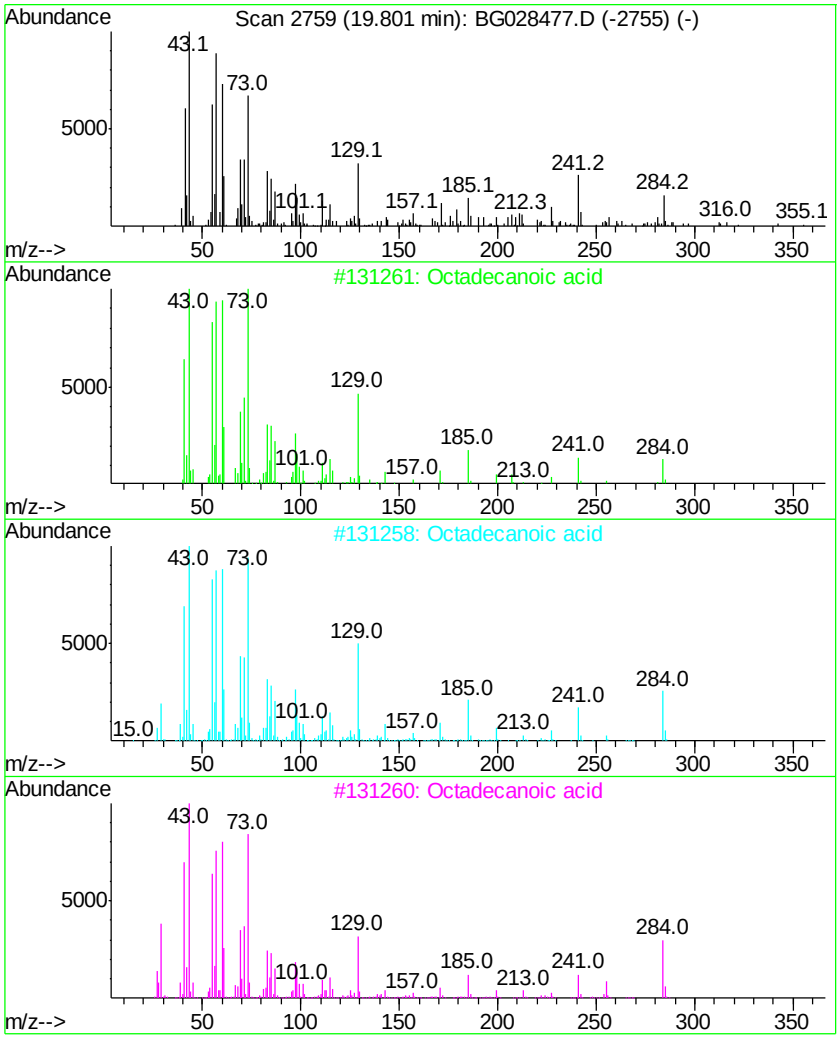

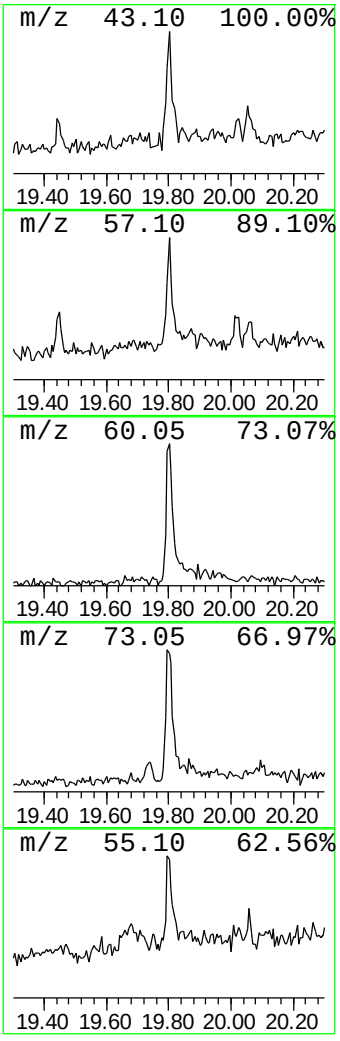

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Instrument : BNA_G
ClientSampleId : B0AK6

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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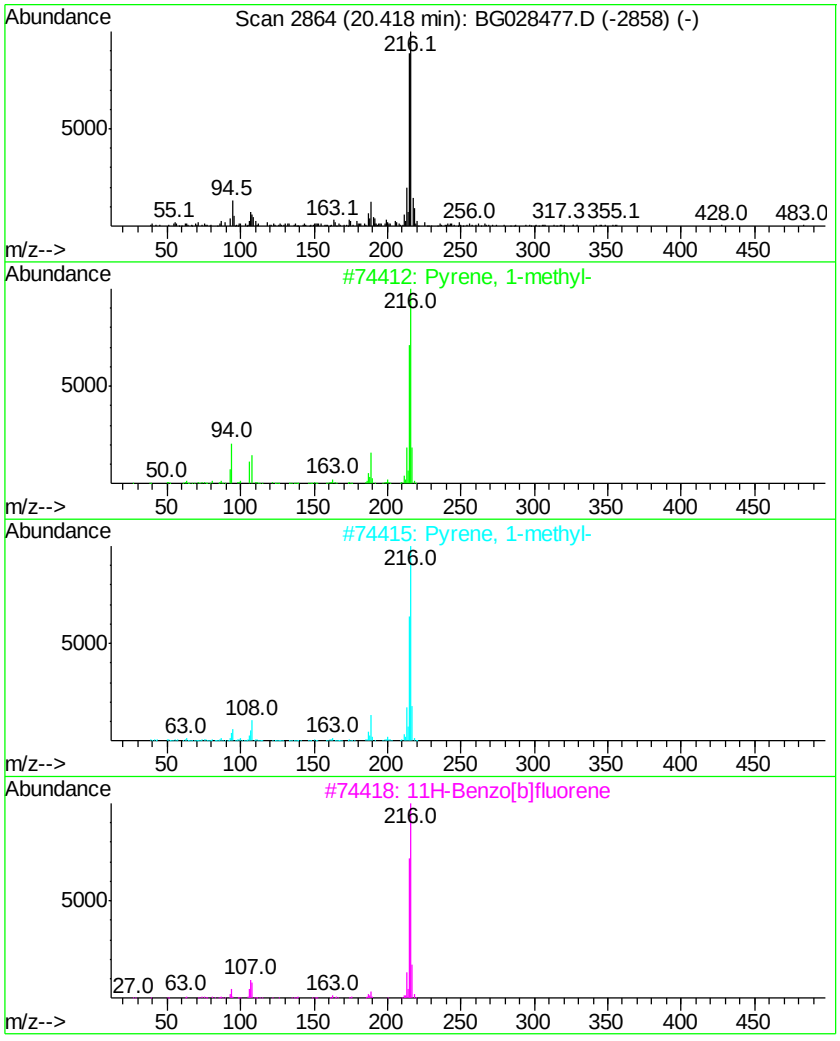
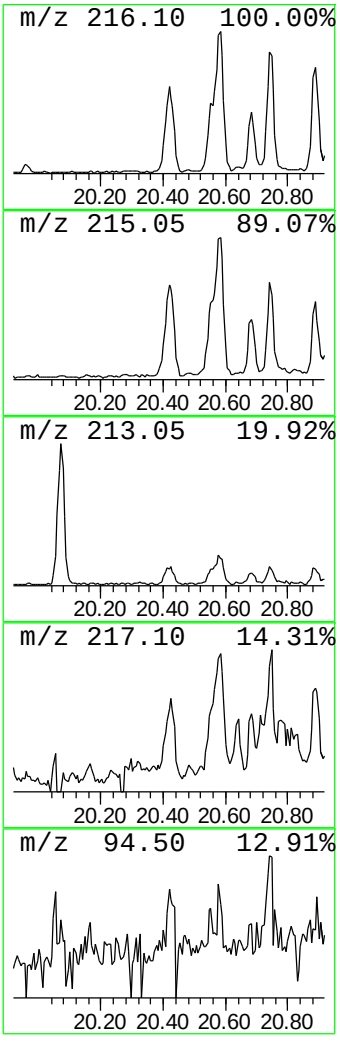
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.50 ng/ul	267457	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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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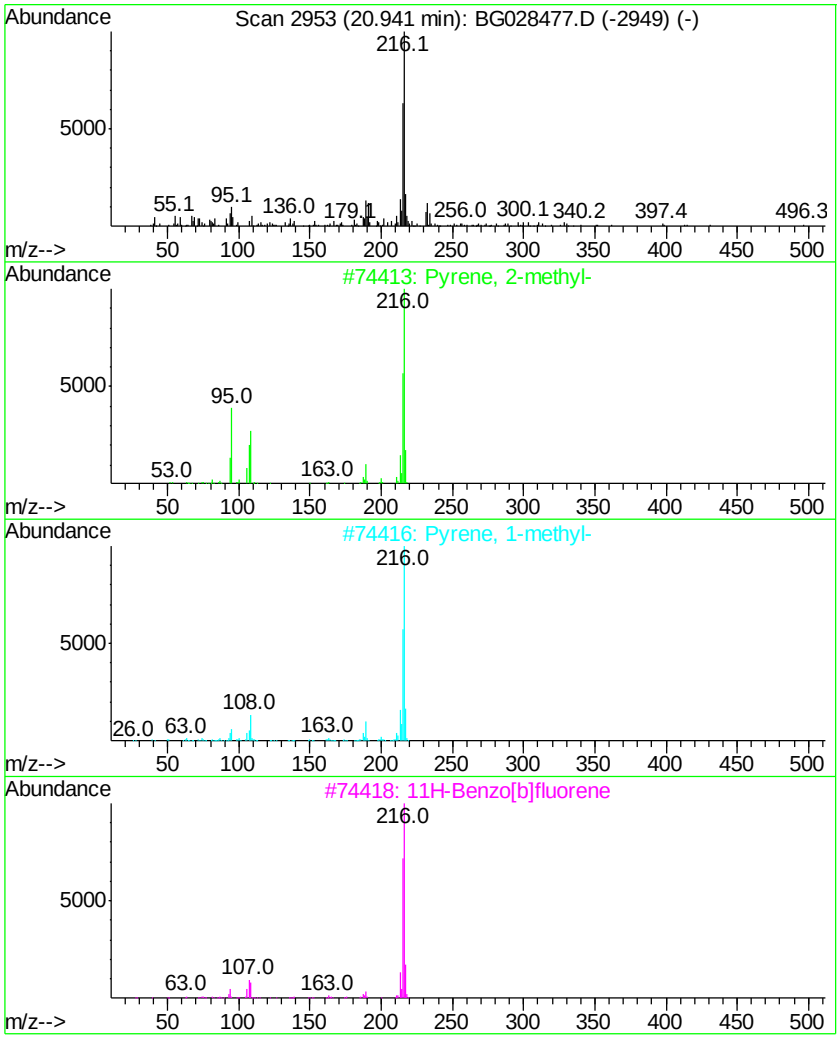
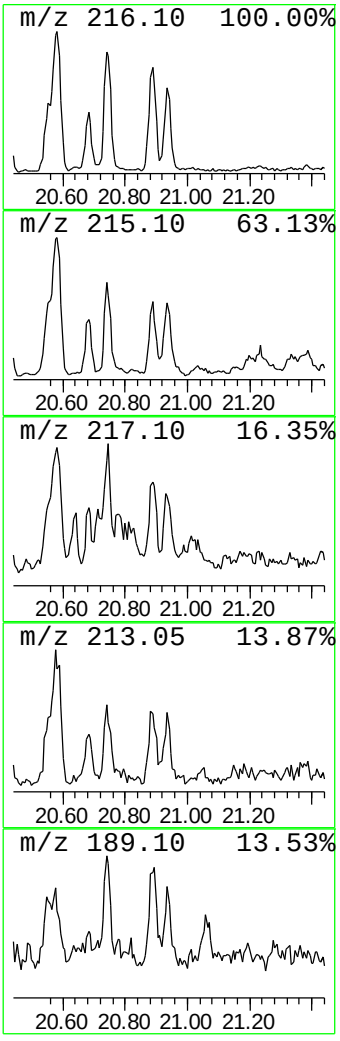
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.62 ng/ul	280457	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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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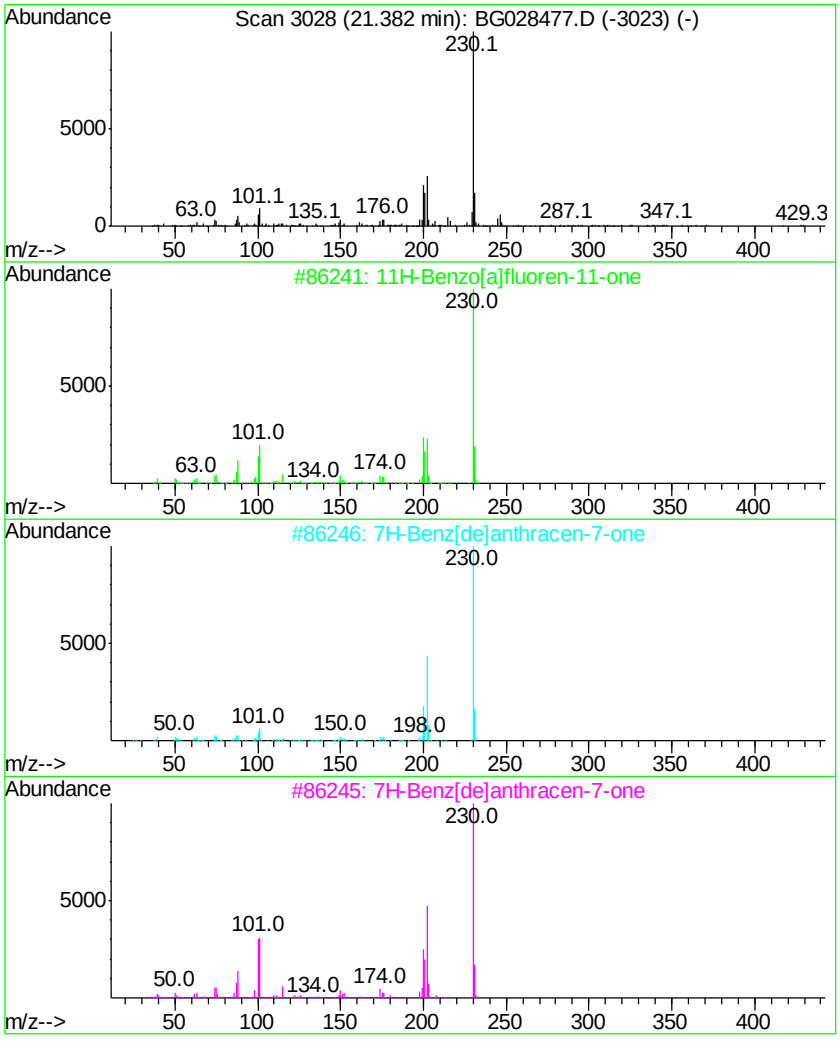
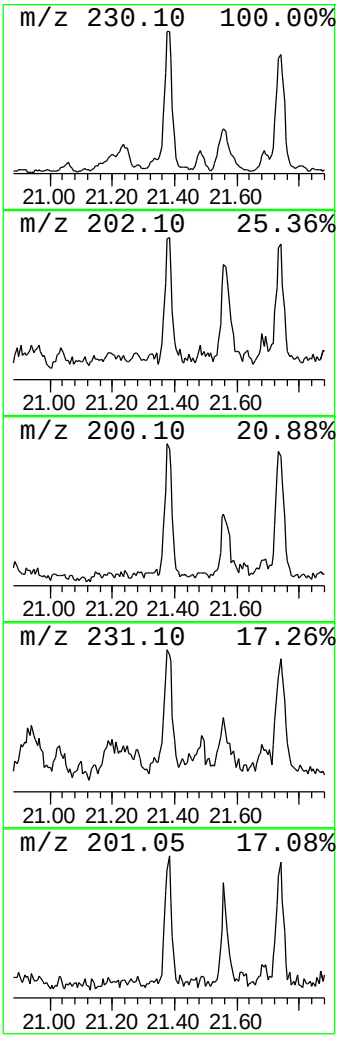
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.84 ng/ul	303756	Chrysene-d12	22.03

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	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
Operator : SJ/JU
Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AK6

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
Methacrylamide	4.33	3.0	ng/ul	41007	1	8.33	277327	20.0
(DEL) Alkane: Str...	15.75	3.7	ng/ul	103291	3	14.95	565097	20.0
Dibenzofuran, 4-m...	16.43	2.5	ng/ul	82118	4	17.70	648394	20.0
(DEL) Alkane: Str...	16.61	2.4	ng/ul	77170	4	17.70	648394	20.0
8-Dimethylaminona...	17.22	2.1	ng/ul	69395	4	17.70	648394	20.0
9H-Fluoren-9-one	17.35	3.8	ng/ul	124351	4	17.70	648394	20.0
(DEL) Alkane: Str...	17.40	2.1	ng/ul	67379	4	17.70	648394	20.0
Dibenzothiophene	17.52	2.4	ng/ul	79024	4	17.70	648394	20.0
Phenanthrene, 1-m...	18.57	15.1	ng/ul	488887	4	17.70	648394	20.0
Anthracene, 2-met...	18.61	10.4	ng/ul	335623	4	17.70	648394	20.0
Anthracene, 9-met...	18.70	2.4	ng/ul	78834	4	17.70	648394	20.0
unknown-01	18.76	11.2	ng/ul	362930	4	17.70	648394	20.0
Naphthalene, 2-ph...	19.05	5.6	ng/ul	180542	4	17.70	648394	20.0
9,10-Anthracenedione	19.10	6.8	ng/ul	218695	4	17.70	648394	20.0
Phenanthrene, 2,5...	19.47	6.8	ng/ul	221166	4	17.70	648394	20.0
Cyclopenta(def)ph...	19.61	5.1	ng/ul	164931	4	17.70	648394	20.0
Octadecanoic acid	19.80	7.5	ng/ul	242347	4	17.70	648394	20.0
Pyrene, 1-methyl-	20.42	2.5	ng/ul	267457	5	22.03	2138690	20.0
Pyrene, 2-methyl-	20.94	2.6	ng/ul	280457	5	22.03	2138690	20.0
11H-Benzo[a]fluor...	21.38	2.8	ng/ul	303756	5	22.03	2138690	20.0