LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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	5.467	310	320	329	rBV2	18156	38394	1.20%	0.078%
2	7.512	659	668	684	rVB	194463	383007	11.99%	0.774%
3	7.671	688	695	704	rBV	126031	216641	6.78%	0.438%
4	7.894	725	733	747	rBV	173685	324394	10.15%	0.655%
5	8.358	804	812	824	rVB2	188976	330172	10.33%	0.667%
6	9.057	922	931	952	rVB	225102	445996	13.96%	0.901%
7	9.527	1002	1011	1022	rBV	184084	353798	11.07%	0.715%
8	10.250	1126	1134	1145	rBV2	162616	307493	9.62%	0.621%
9	10.796	1216	1227	1239	rBV	243578	471869	14.77%	0.953%
10	11.178	1284	1292	1298	rBV	280518	529796	16.58%	1.070%
11	11.308	1306	1314	1334	rBV2	130706	299840	9.38%	0.606%
12	12.530	1516	1522	1530	rBV2	24958	38973	1.22%	0.079%
13	13.752	1720	1730	1741	rVB	28248	48621	1.52%	0.098%
14	14.140	1788	1796	1805	rBV8	13716	40591	1.27%	0.082%
15	14.281	1814	1820	1826	rVV3	23575	49357	1.54%	0.100%
16	14.351	1826	1832	1837	rVV	472901	723581	22.64%	1.462%
17	14.398	1837	1840	1855	rVV2	182289	279633	8.75%	0.565%
18	14.662	1878	1885	1899	rBV	490062	870456	27.24%	1.759%
19	14.815	1907	1911	1916	rVB	35060	45387	1.42%	0.092%
20	14.962	1923	1936	1944	rBV2	456226	826377	25.86%	1.670%
21	15.168	1963	1971	1980	rBV5	138893	329010	10.30%	0.665%
22	15.350	1991	2002	2009	rVB4	56661	139285	4.36%	0.281%
23	15.426	2009	2015	2022	rVV2	63101	107080	3.35%	0.216%
24	15.573	2032	2040	2044	rBV4	48084	99922	3.13%	0.202%
25	15.620	2044	2048	2060	rVB2	53457	93442	2.92%	0.189%
26	15.767	2060	2073	2080	rBV4	57506	186997	5.85%	0.378%
27	15.955	2093	2105	2110	rBV	648670	1081670	33.85%	2.186%
28	16.073	2120	2125	2135	rBV2	206483	328142	10.27%	0.663%
29	16.296	2154	2163	2172	rVB2	95937	201530	6.31%	0.407%
30	16.443	2178	2188	2196	rVV	126634	255047	7.98%	0.515%
31	16.543	2202	2205	2211	rVB2	25516	38047	1.19%	0.077%
32	16.648	2214	2223	2235	rVB4	57507	194440	6.08%	0.393%
33	16.807	2245	2250	2254	rVV3	28419	45568	1.43%	0.092%
34	16.848	2254	2257	2265	rVB4	23973	44538	1.39%	0.090%

LSC Area Percent Report

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Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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	17.013	2276	2285	2289	rBV2	111908	242155	7.58%	0.489%
36	17.060	2289	2293	2298	rVV4	51613	75036	2.35%	0.152%
37	17.160	2305	2310	2315	rVB4	61385	95317	2.98%	0.193%
38	17.230	2315	2322	2326	rBV4	129642	260287	8.15%	0.526%
39	17.277	2326	2330	2340	rVV2	108649	228356	7.15%	0.461%
40	17.365	2340	2345	2350	rVB4	39029	74882	2.34%	0.151%
41	17.430	2350	2356	2363	rBV2	142033	286700	8.97%	0.579%
42	17.530	2368	2373	2387	rVB3	118695	274749	8.60%	0.555%
43	17.712	2397	2404	2408	rBV2	579648	993554	31.09%	2.008%
44	17.759	2408	2412	2416	rVV	959297	1469634	45.99%	2.970%
45	17.812	2416	2421	2425	rVV	665304	1144114	35.80%	2.312%
46	17.847	2425	2427	2440	rVB	327340	578159	18.09%	1.168%
47	18.135	2468	2476	2487	rBV8	81248	305631	9.56%	0.618%
48	18.223	2487	2491	2496	rVV2	48218	68818	2.15%	0.139%
49	18.293	2498	2503	2511	rVB3	77209	142789	4.47%	0.289%
50	18.435	2522	2527	2534	rVB	83609	185305	5.80%	0.374%
51	18.517	2535	2541	2543	rBV6	28900	49862	1.56%	0.101%
52	18.581	2544	2552	2557	rVV	426403	925717	28.97%	1.870%
53	18.634	2557	2561	2567	rVB	616050	906417	28.36%	1.831%
54	18.711	2568	2574	2579	rBV	339943	510613	15.98%	1.032%
55	18.781	2579	2586	2590	rBV3	481349	1086008	33.98%	2.194%
56	19.069	2630	2635	2640	rVV	278913	420846	13.17%	0.850%
57	19.316	2671	2677	2681	rBV3	110279	155519	4.87%	0.314%
58	19.369	2681	2686	2689	rBV	109162	144521	4.52%	0.292%
59	19.404	2689	2692	2697	rVB	114018	151387	4.74%	0.306%
60	19.480	2697	2705	2710	rBV	339394	699813	21.90%	1.414%
61	19.551	2711	2717	2725	rVV3	243439	735100	23.00%	1.485%
62	19.621	2725	2729	2743	rVB3	141478	401257	12.56%	0.811%
63	19.756	2744	2752	2757	rBV	1705543	2661362	83.28%	5.377%
64	19.815	2758	2762	2764	rBV4	73460	105894	3.31%	0.214%
65	19.903	2772	2777	2786	rBV	148395	300455	9.40%	0.607%
66	20.003	2787	2794	2802	rVV5	118604	321715	10.07%	0.650%
67	20.086	2802	2808	2811	rVV2	1167382	2125290	66.51%	4.294%
68	20.121	2811	2814	2820	rVV	1515635	2230488	69.80%	4.507%
69	20.180	2820	2824	2830	rVB2	254039	407506	12.75%	0.823%
70	20.285	2838	2842	2847	rVB	206364	319055	9.98%	0.645%
71	20.338	2848	2851	2860	rVB6	58407	103268	3.23%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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	20.426	2860	2866	2874	rBV5	287161	720899	22.56%	1.457%
73	20.603	2884	2896	2903	rVB	736344	1528734	47.84%	3.089%
74	20.702	2904	2913	2916	rBV	596332	1022192	31.99%	2.065%
75	20.761	2917	2923	2932	rVB3	320210	808625	25.30%	1.634%
76	20.838	2933	2936	2941	rVB4	75543	133967	4.19%	0.271%
77	20.908	2943	2948	2952	rBV	175023	299164	9.36%	0.604%
78	20.955	2953	2956	2967	rVB	248181	443897	13.89%	0.897%
79	21.214	2996	3000	3003	rBV4	108472	162484	5.08%	0.328%
80	21.349	3018	3023	3028	rBV3	124620	265105	8.30%	0.536%
81	21.402	3028	3032	3038	rVB2	142906	274519	8.59%	0.555%
82	21.601	3061	3066	3069	rBV	144076	259569	8.12%	0.524%
83	21.642	3070	3073	3078	rVB	216340	319127	9.99%	0.645%
84	21.701	3079	3083	3087	rBV2	125654	208916	6.54%	0.422%
85	21.883	3108	3114	3128	rBV2	128715	421021	13.17%	0.851%
86	22.036	3132	3140	3147	rBV2	1170096	3195656	100.00%	6.457%
87	22.101	3147	3151	3163	rVB	804628	1556350	48.70%	3.145%
88	22.265	3175	3179	3185	rBV2	101664	186606	5.84%	0.377%
89	22.342	3188	3192	3210	rVB7	139800	479675	15.01%	0.969%
90	22.500	3213	3219	3224	rBV5	84895	164068	5.13%	0.332%
91	22.835	3268	3276	3284	rBV	284526	647458	20.26%	1.308%
92	22.917	3285	3290	3298	rVB	132779	291356	9.12%	0.589%
93	23.076	3312	3317	3322	rVB3	87590	172036	5.38%	0.348%
94	23.135	3323	3327	3333	rBV2	83290	165215	5.17%	0.334%
95	24.463	3542	3553	3559	rBV2	358861	1389518	43.48%	2.808%
96	24.739	3593	3600	3615	rVB	117435	377014	11.80%	0.762%
97	25.244	3679	3686	3693	rBV	168516	445304	13.93%	0.900%
98	25.332	3693	3701	3707	rBV3	289090	792915	24.81%	1.602%
99	25.403	3708	3713	3725	rVB	372990	1053471	32.97%	2.129%
100	25.573	3734	3742	3750	rVB2	270957	749164	23.44%	1.514%

Sum of corrected areas: 49490698

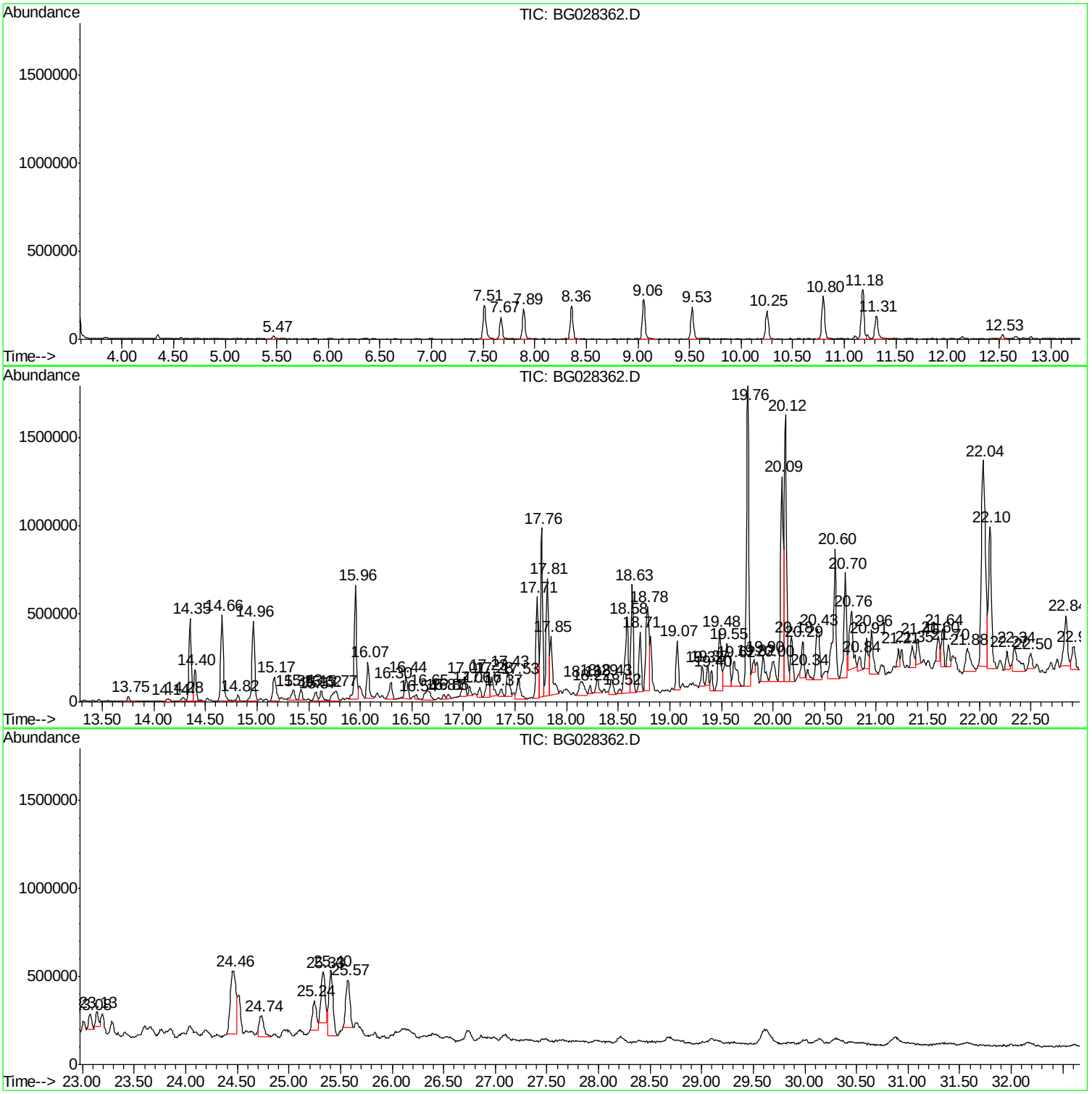
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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

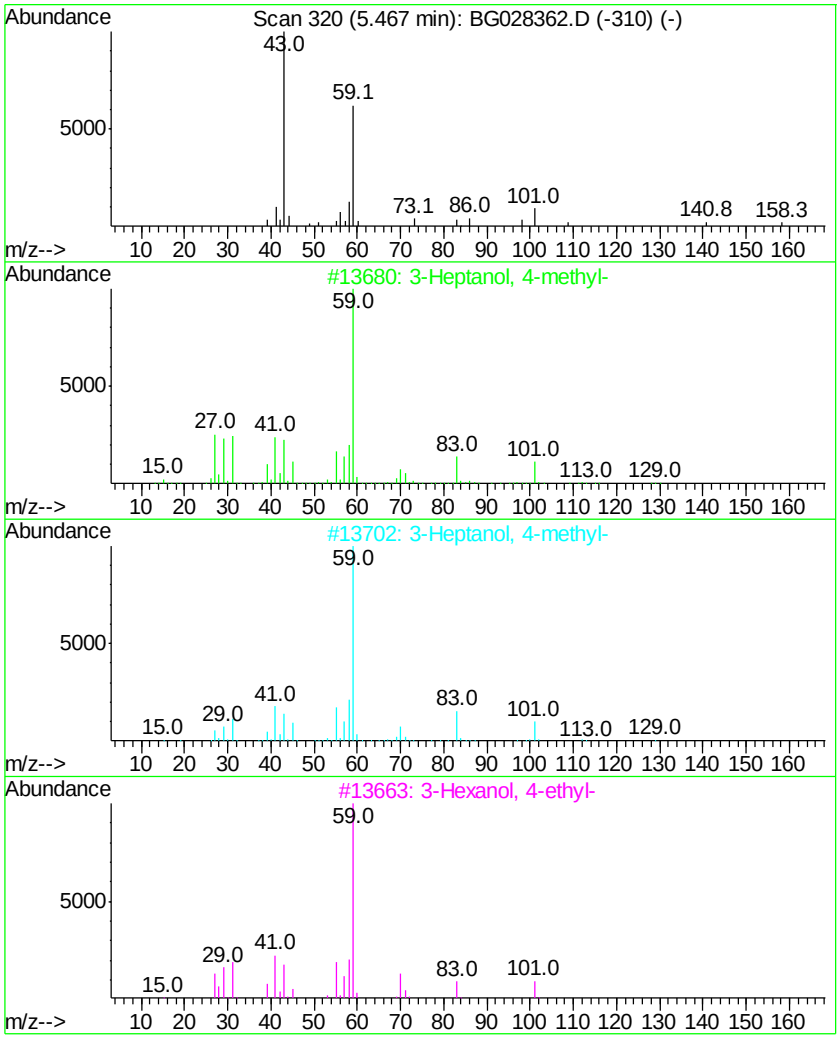
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

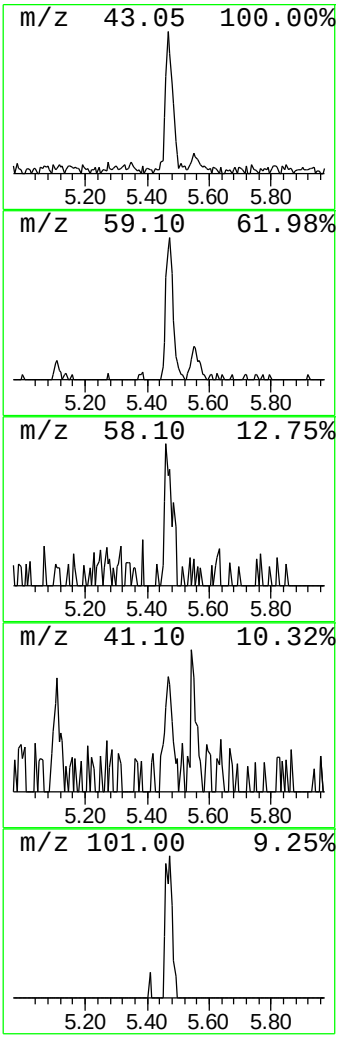
****

Peak Number 1 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.33 ng/ul	38394	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	25
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	23
5	3-Octanol	130	C8H18O	000589-98-0	23





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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

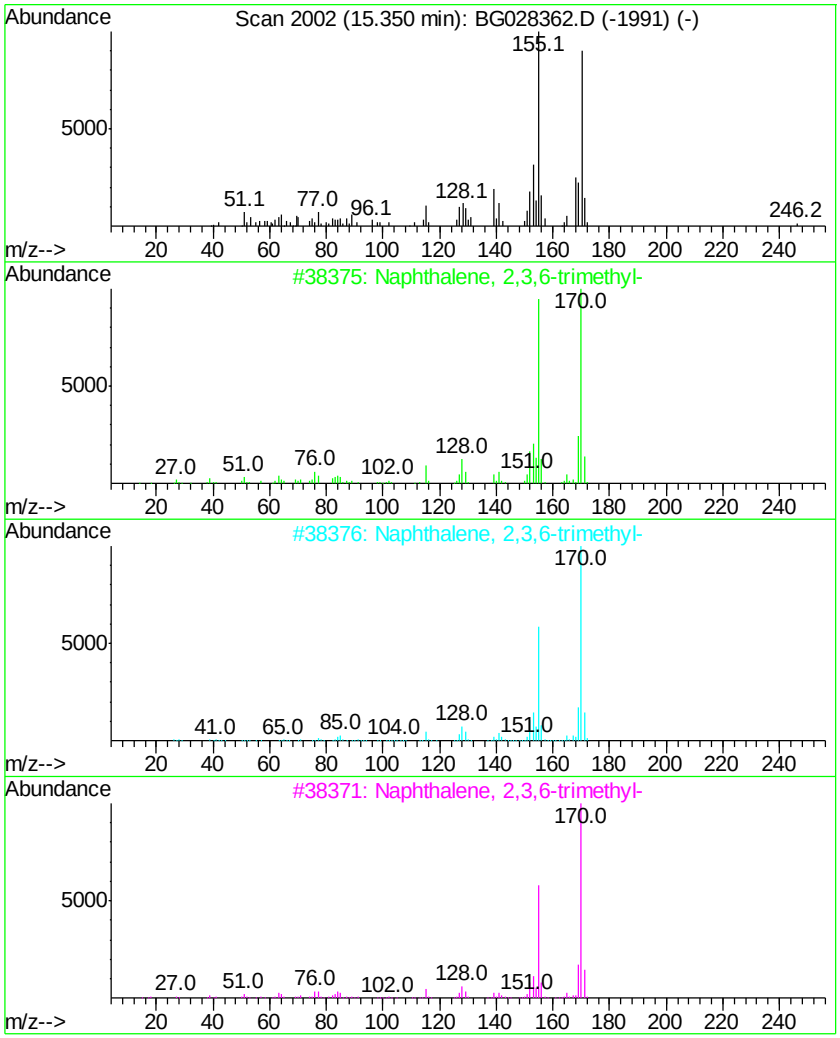
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

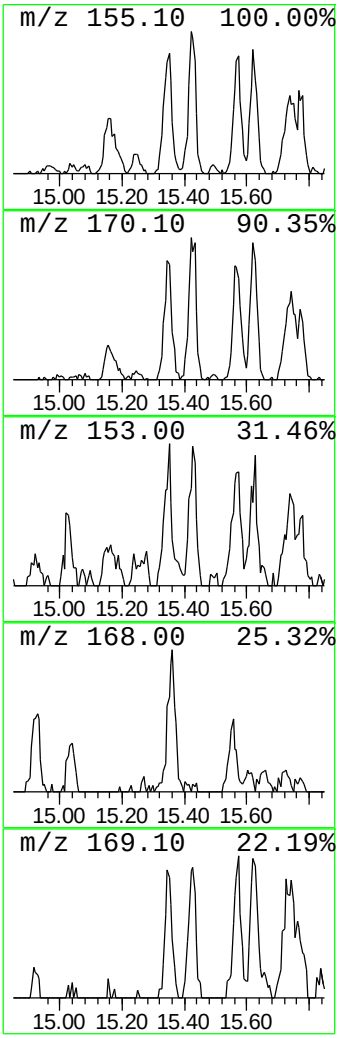
****

Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	3.37 ng/ul	139285	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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

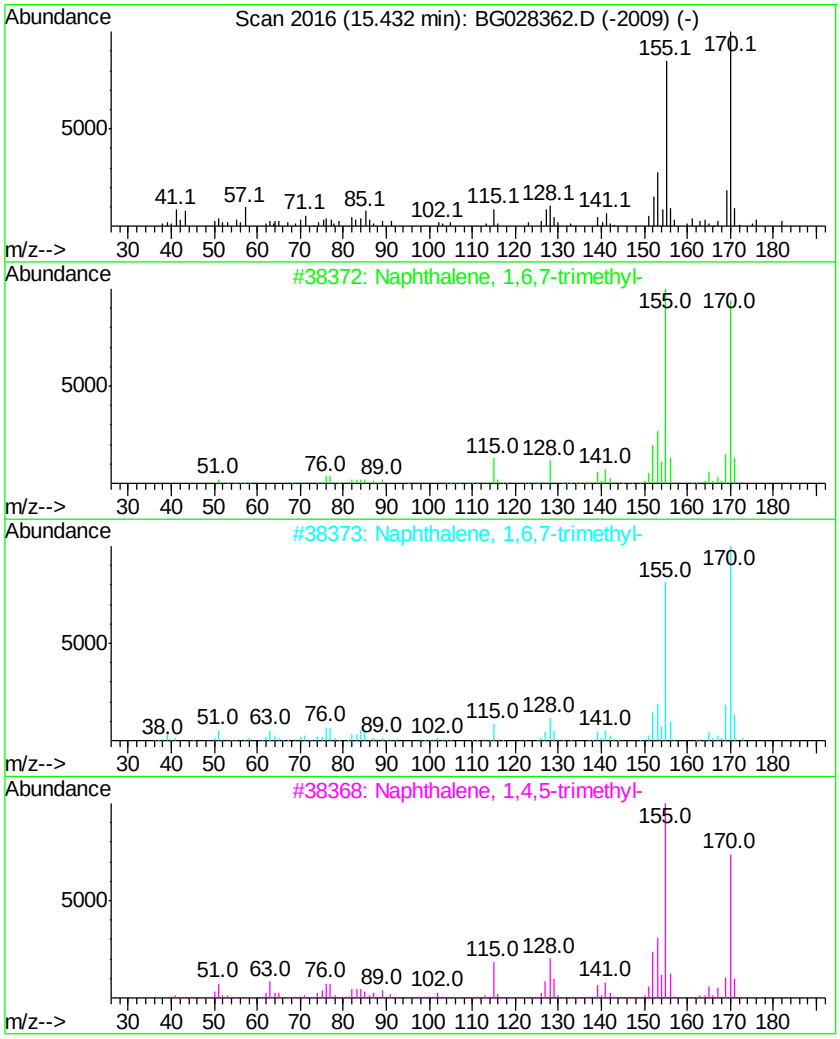
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

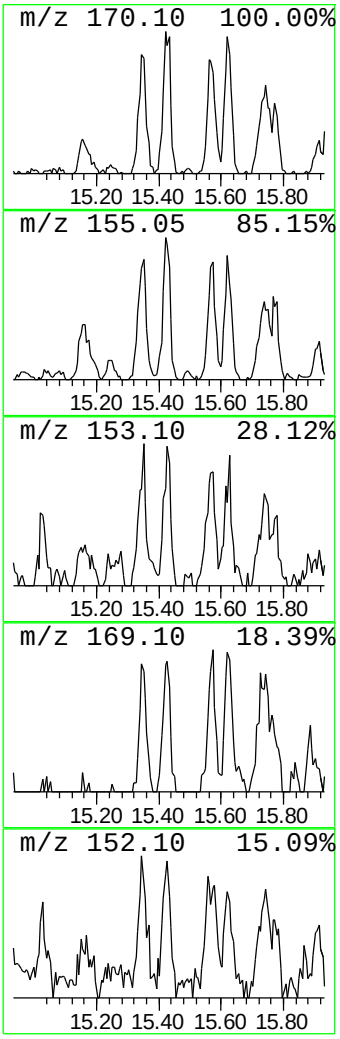
****

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.59 ng/ul	107080	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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

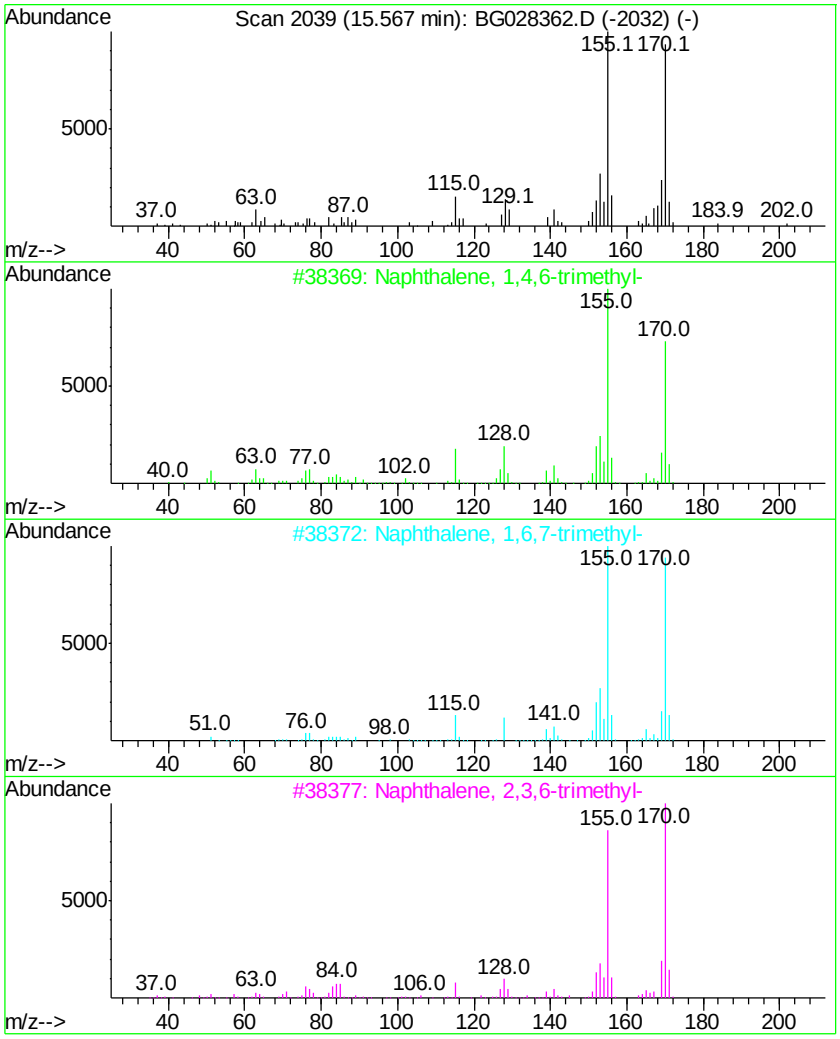
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

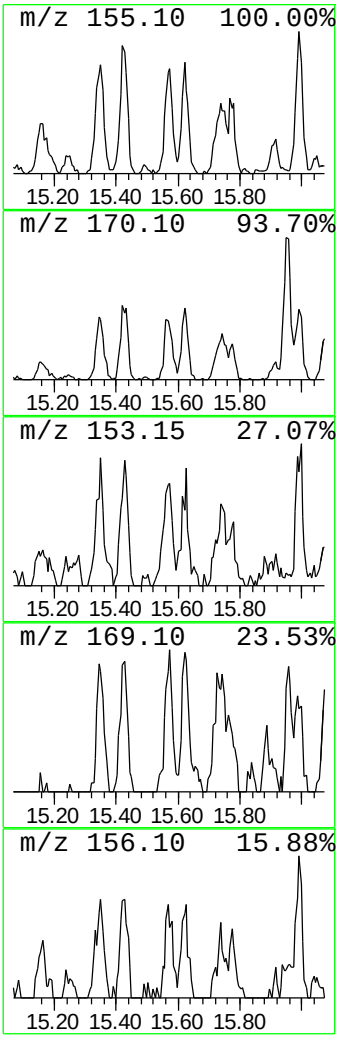
****

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.42 ng/ul	99922	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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

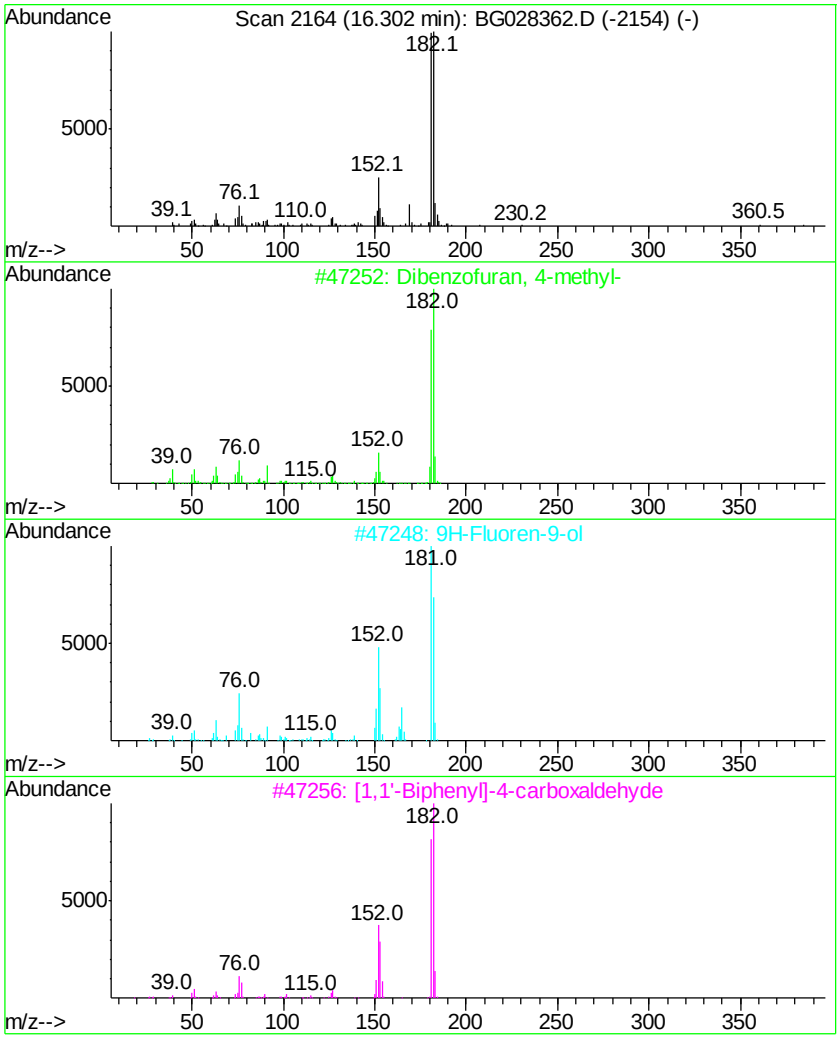
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

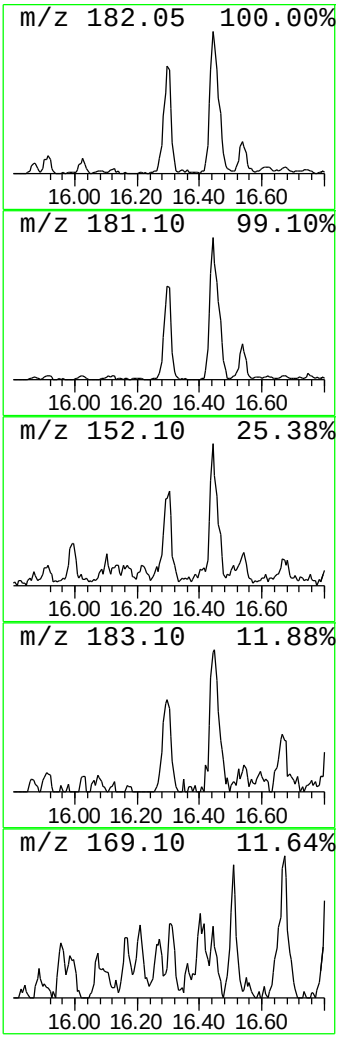
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	4.88 ng/ul	201530	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74





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Sample : I4672-09
Misc :
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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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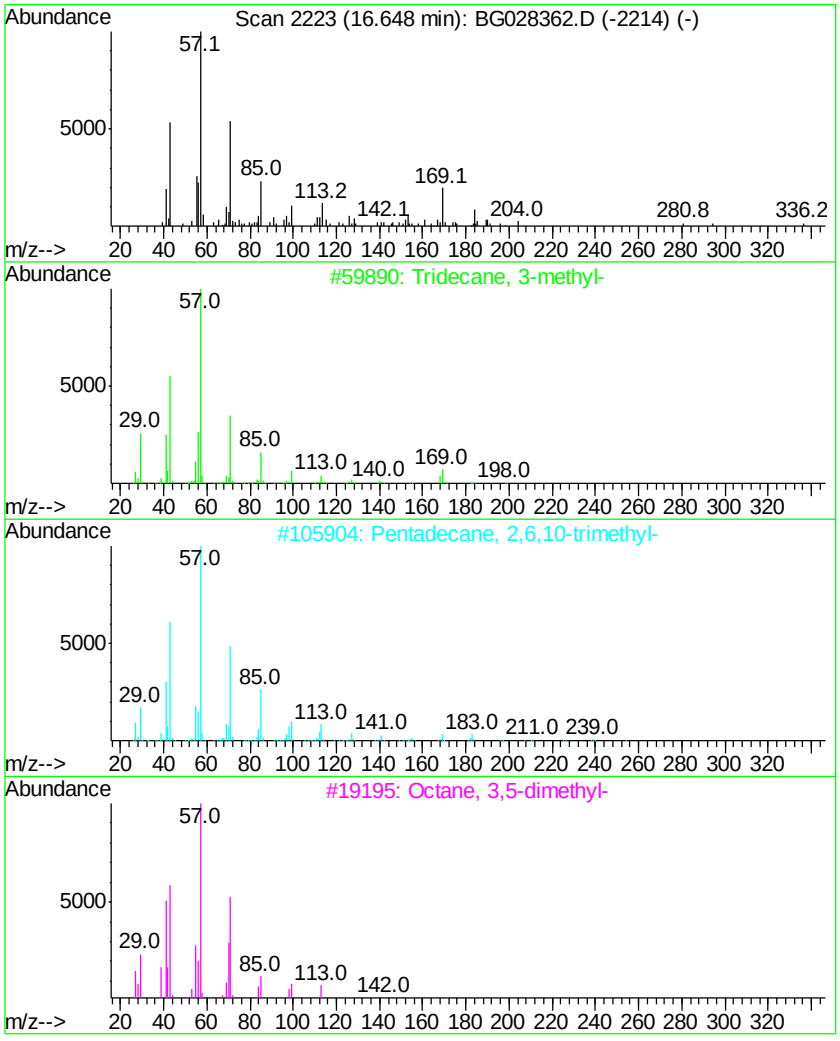
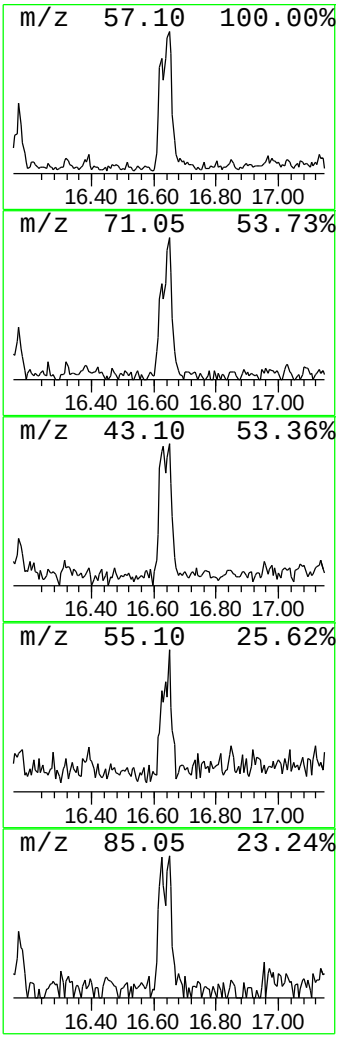
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.91 ng/ul	194440	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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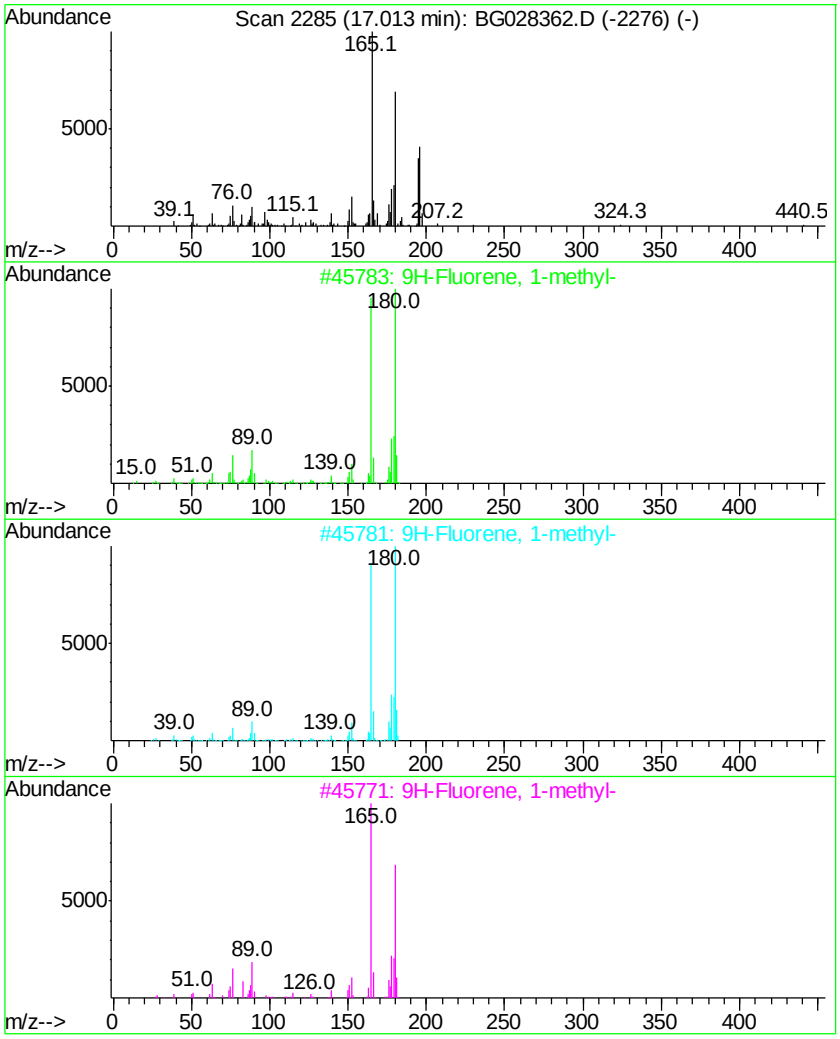
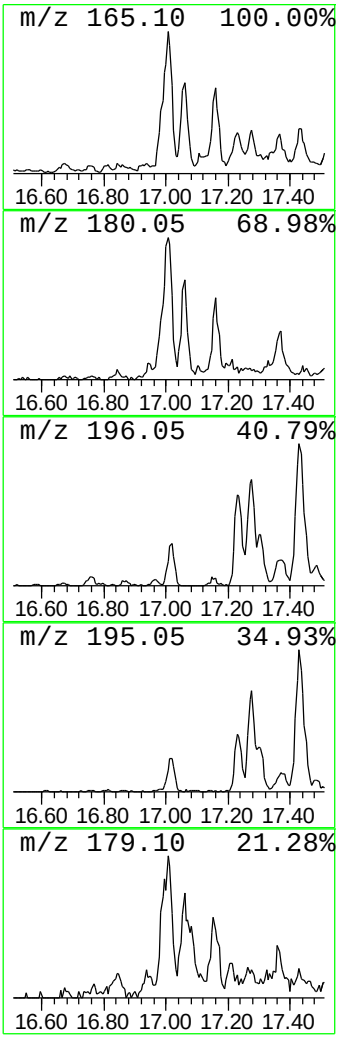
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	4.87 ng/ul	242155	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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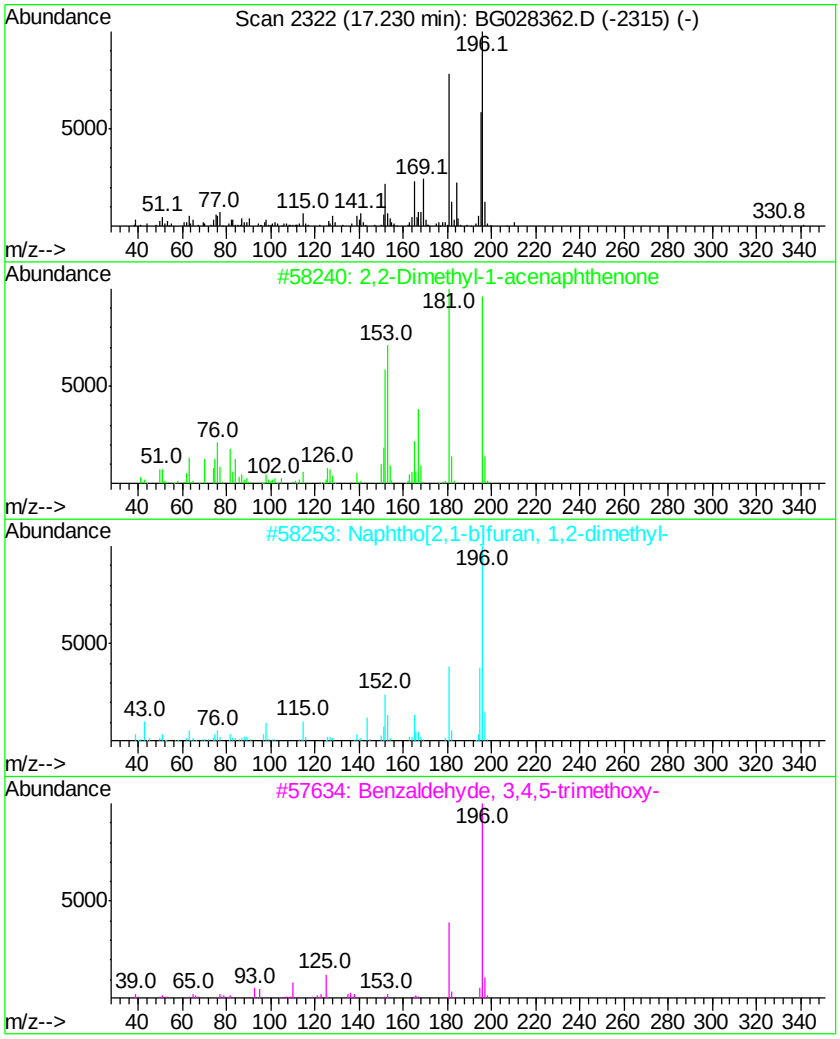
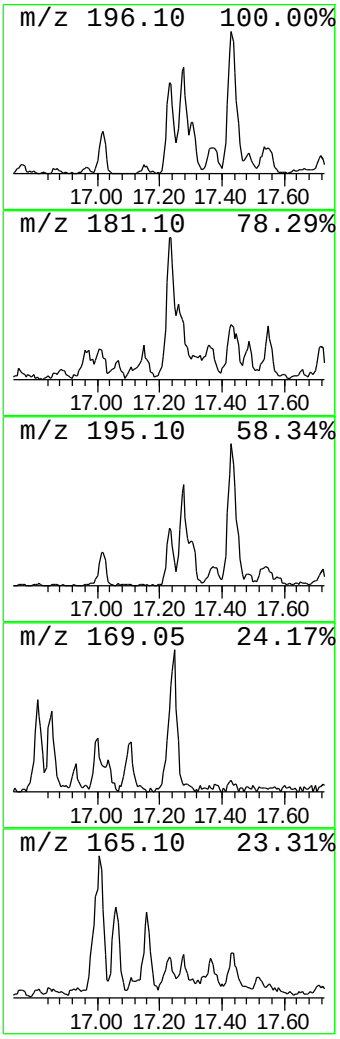
Peak Number 11 2,2-Dimethyl-1-acenaphthenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	5.24 ng/ul	260287	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	53
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
3	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	49
4	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	46
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43





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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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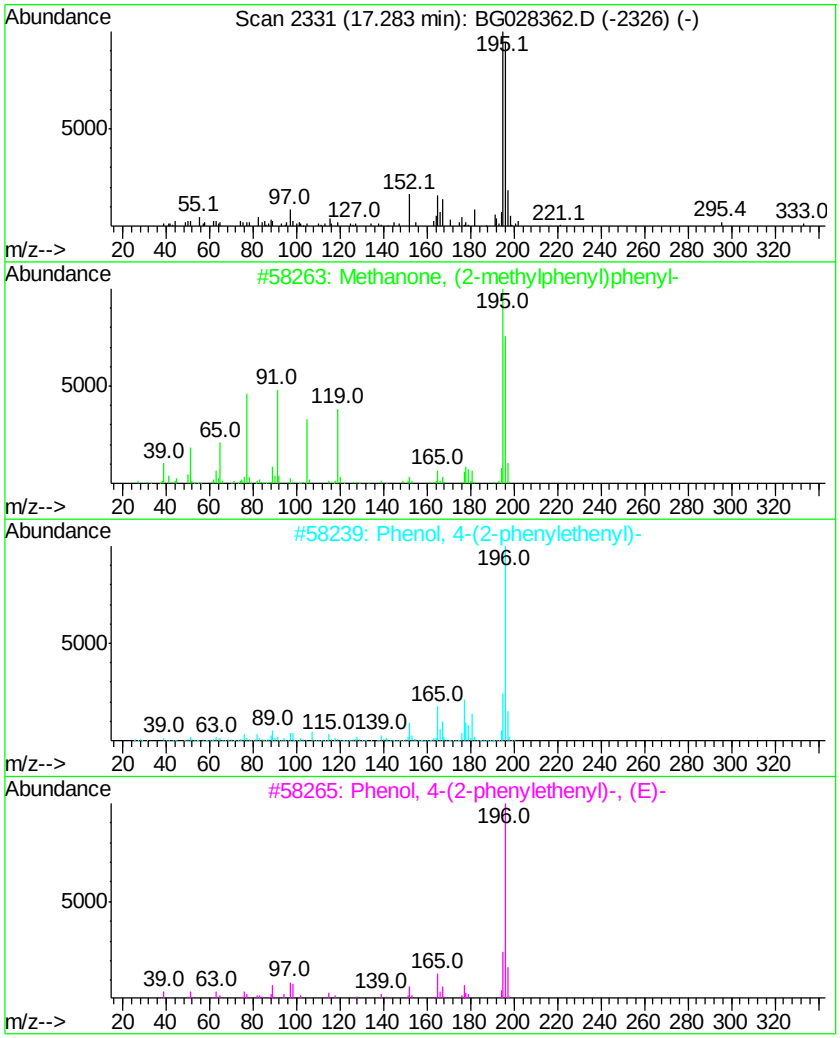
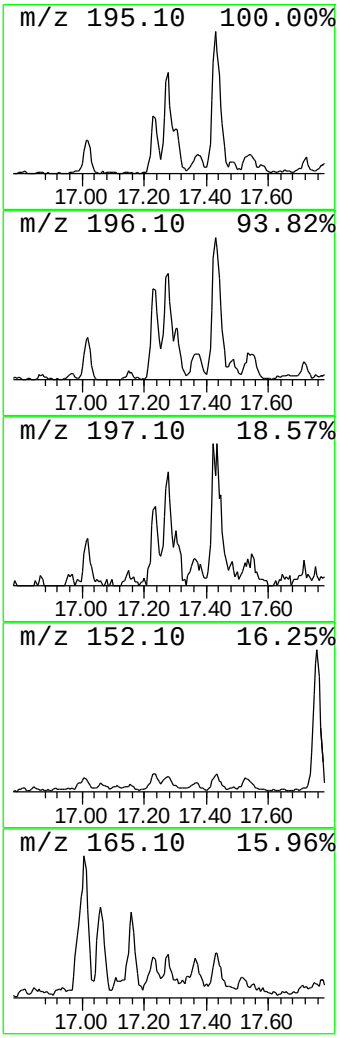
Peak Number 12 Methanone, (2-methylphenyl)... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	4.60 ng/ul	228356	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
5	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	43





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ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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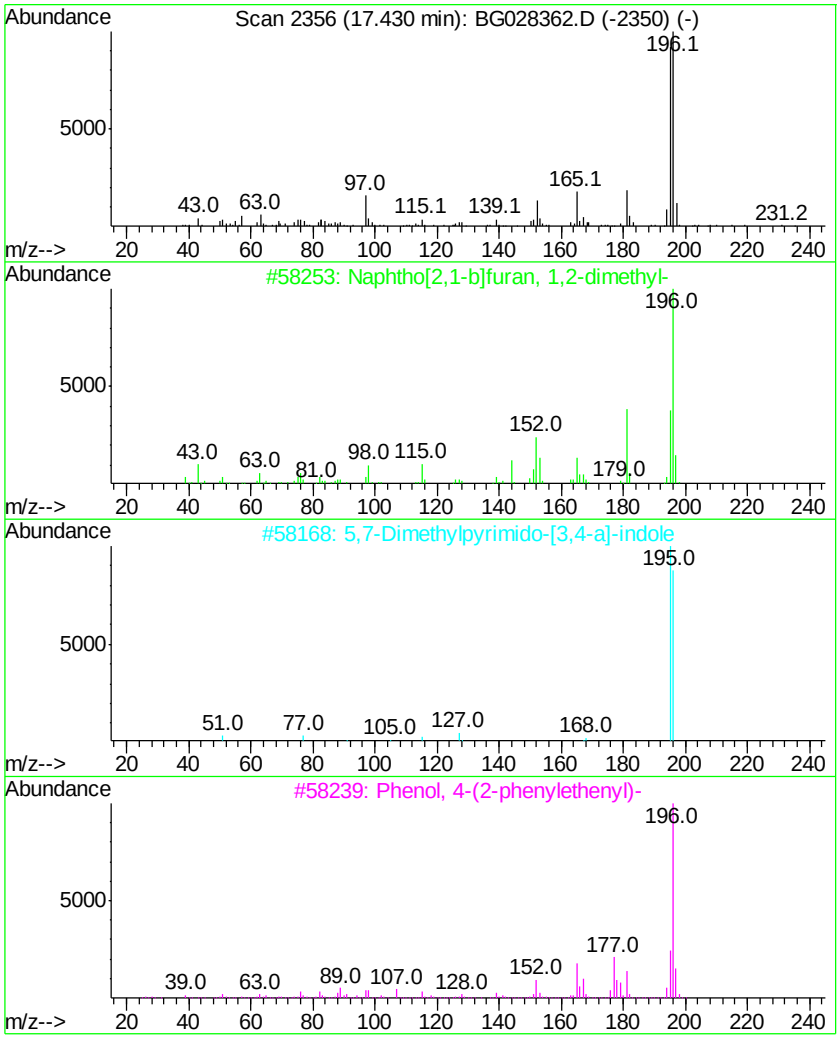
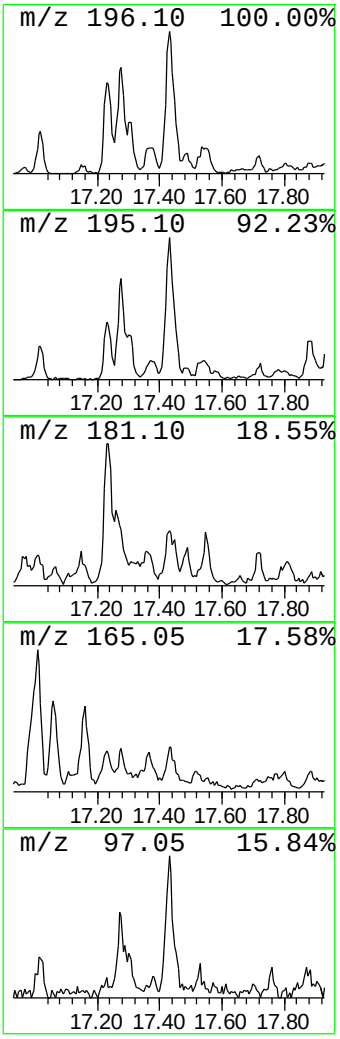
Peak Number 13 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	5.77 ng/ul	286700	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	43





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Quant Title : SVOA CALIBRATION

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

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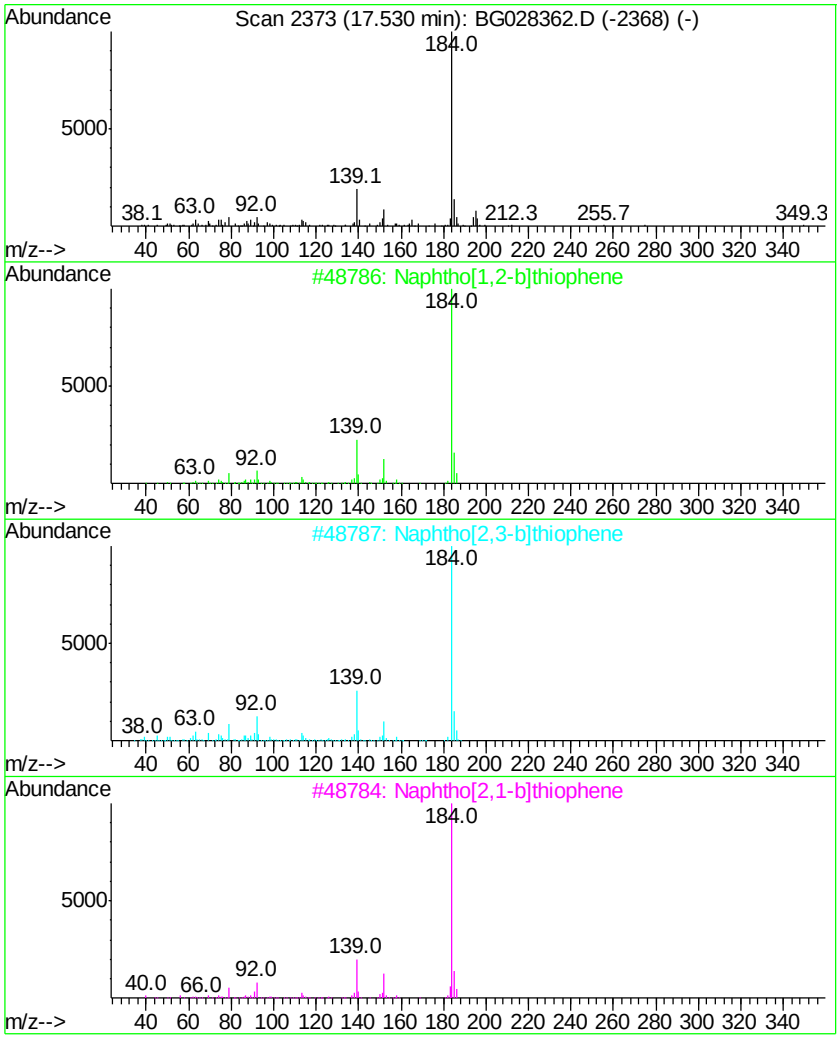
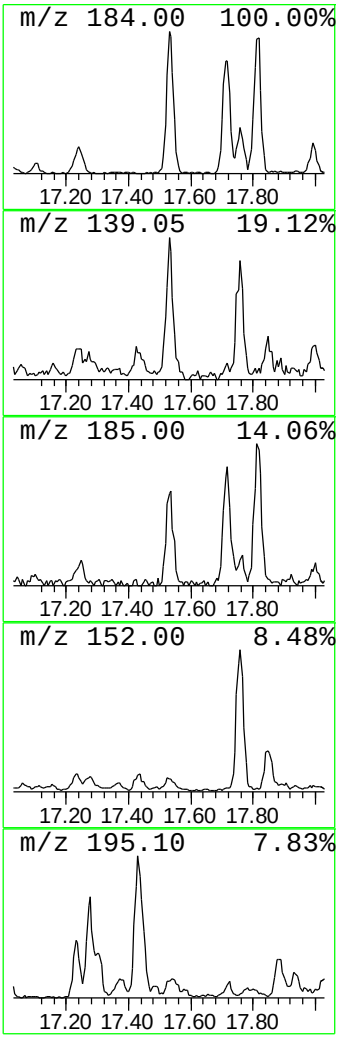
Peak Number 14 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	5.53 ng/ul	274749	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	72
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72
5	Dibenzothiophene	184	C12H8S	000132-65-0	68





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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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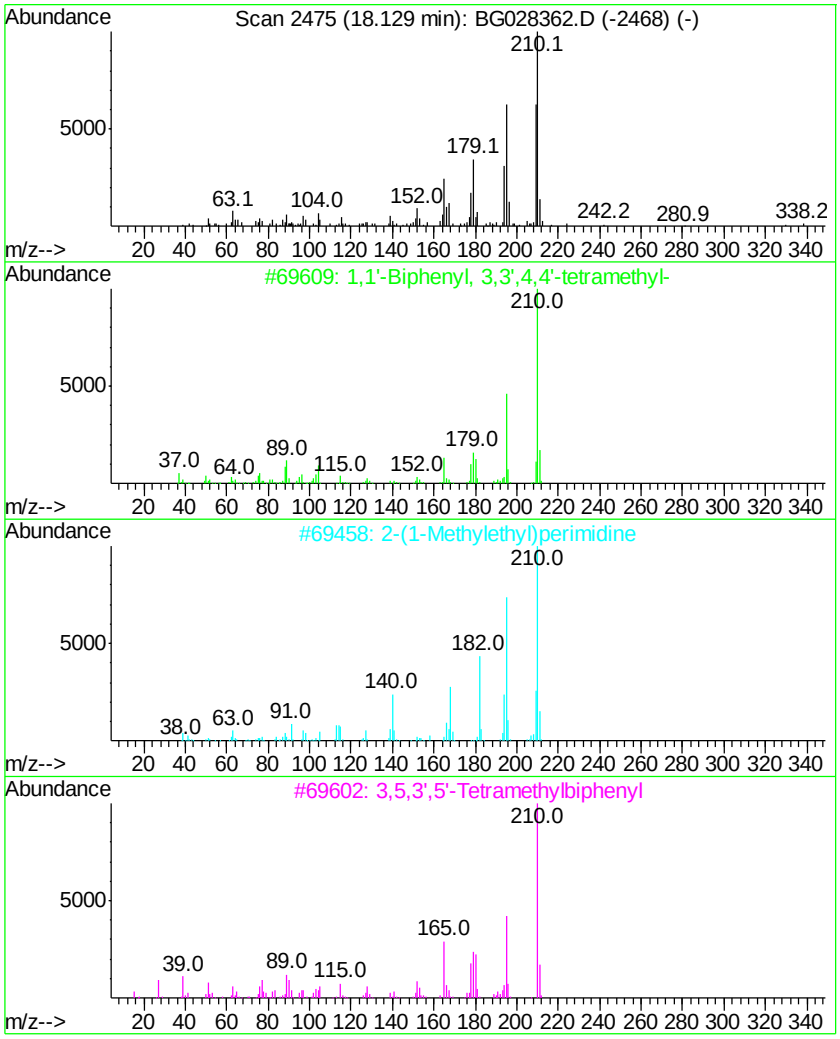
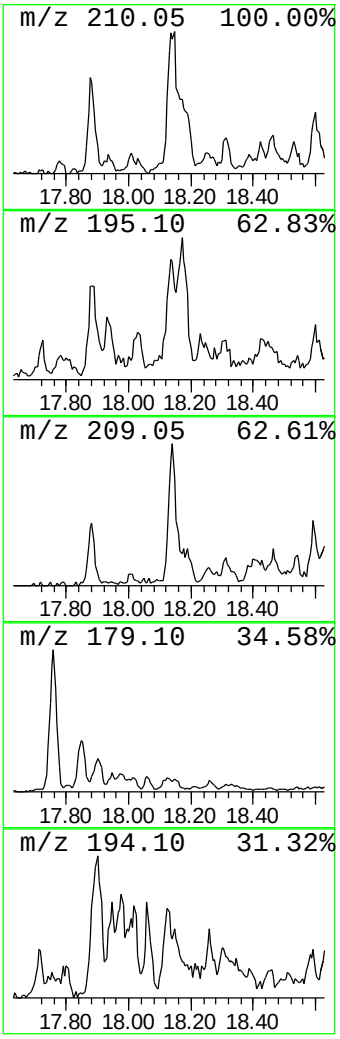
Peak Number 15 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.15 ng/ul	305631	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	81
2	2-(1-Methylethyl)perimidine	210	C14H14N2	028478-14-0	70
3	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	62
4	Benzene, 1-methoxy-3-(2-phenylet...	210	C15H14O	015638-11-6	58
5	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	58





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Quant Title : SVOA CALIBRATION

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

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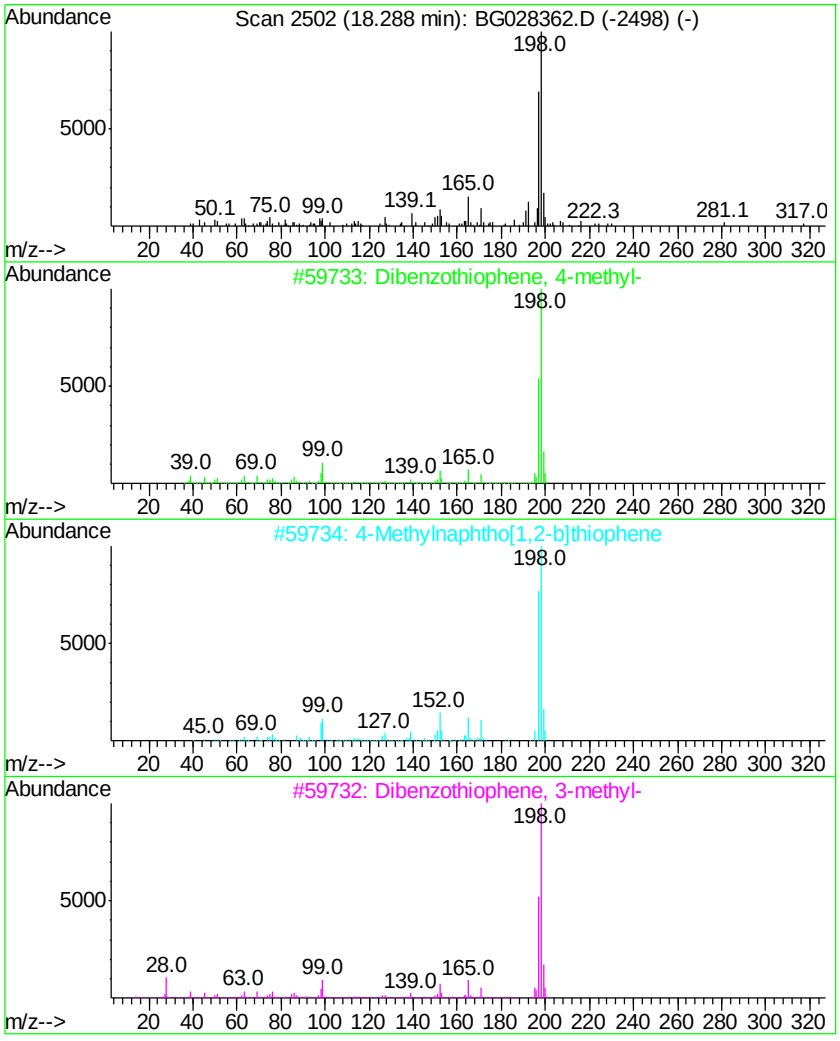
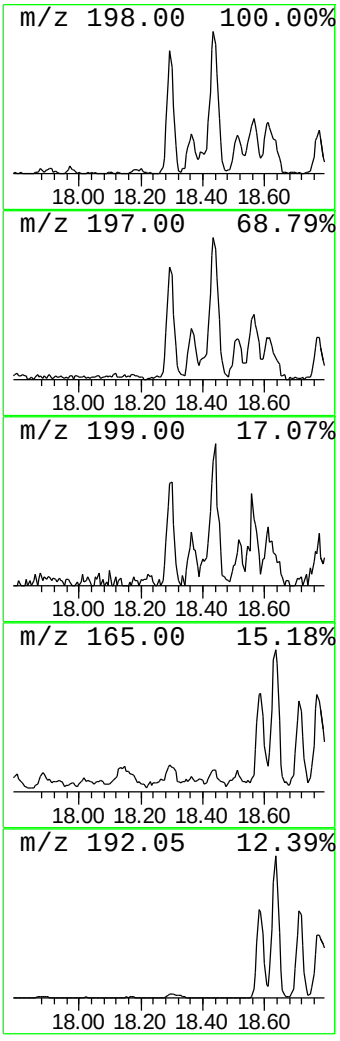
Peak Number 16 Dibenzothiophene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.87 ng/ul	142789	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	68
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	68
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	58
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58





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Quant Title : SVOA CALIBRATION

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

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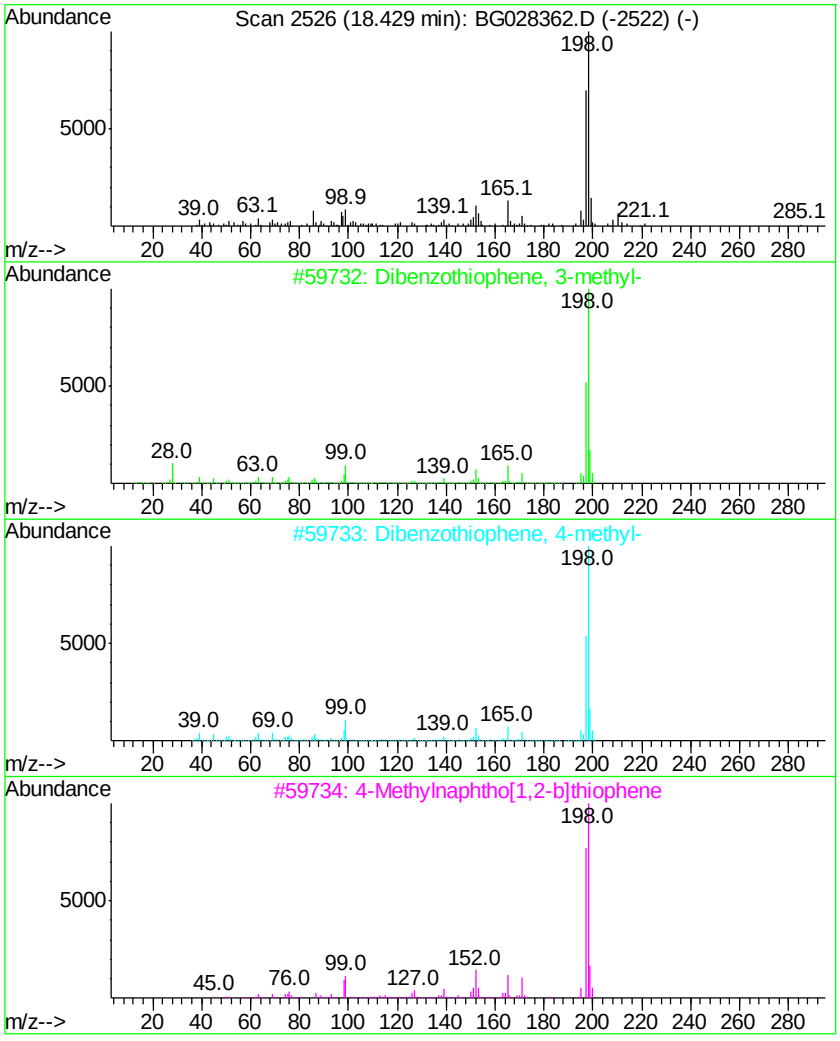
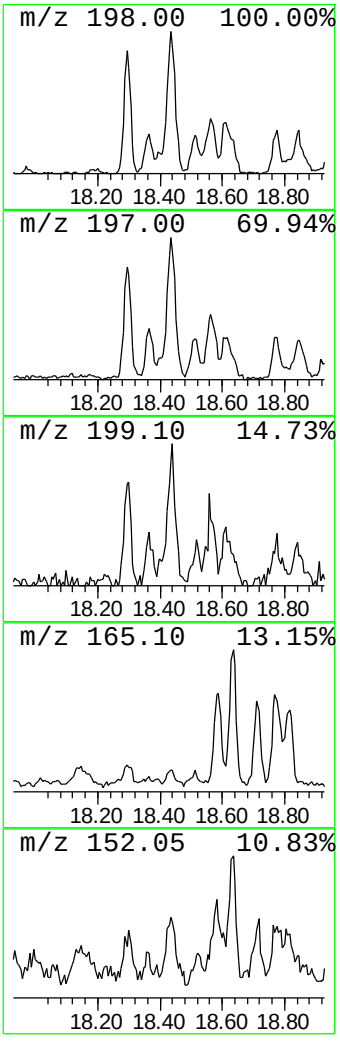
Peak Number 17 Dibenzothiophene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.73 ng/ul	185305	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83





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Quant Title : SVOA CALIBRATION

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

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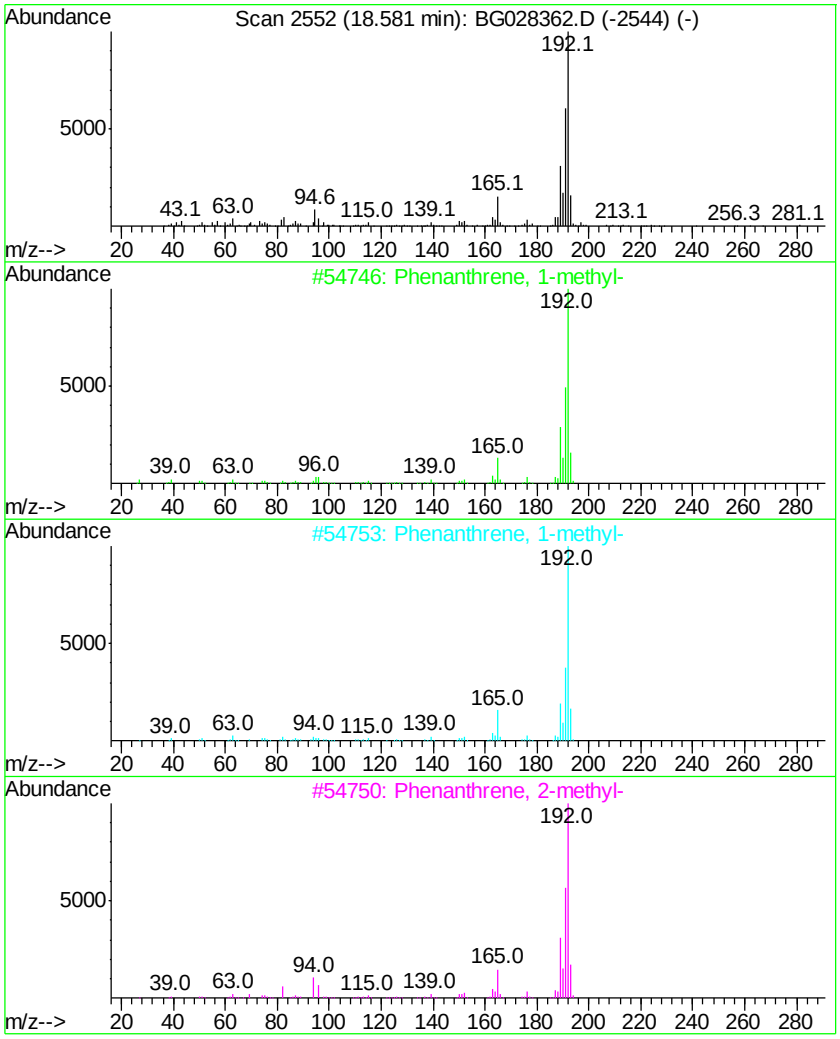
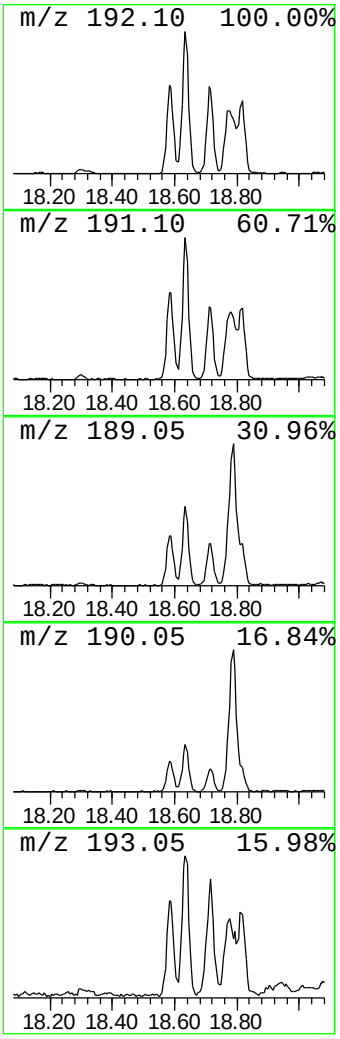
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	18.63 ng/ul	925717	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	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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

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Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	18.25 ng/ul	906417	Phenanthrene-d10	17.71

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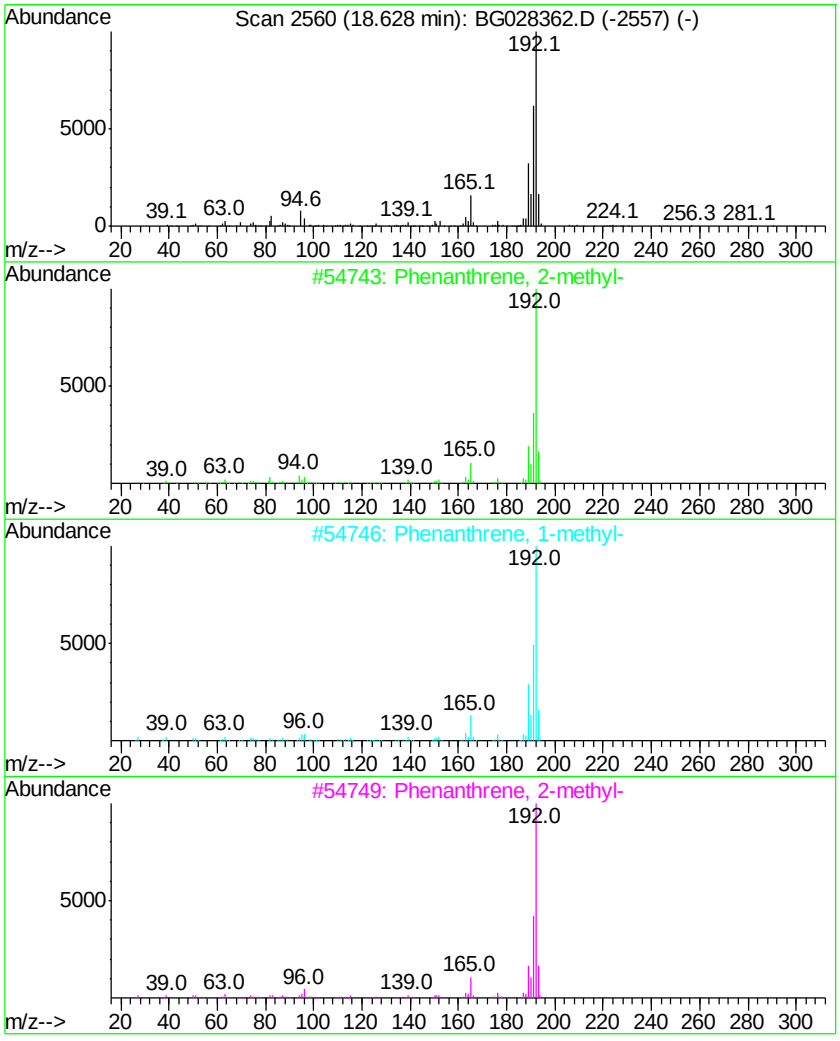

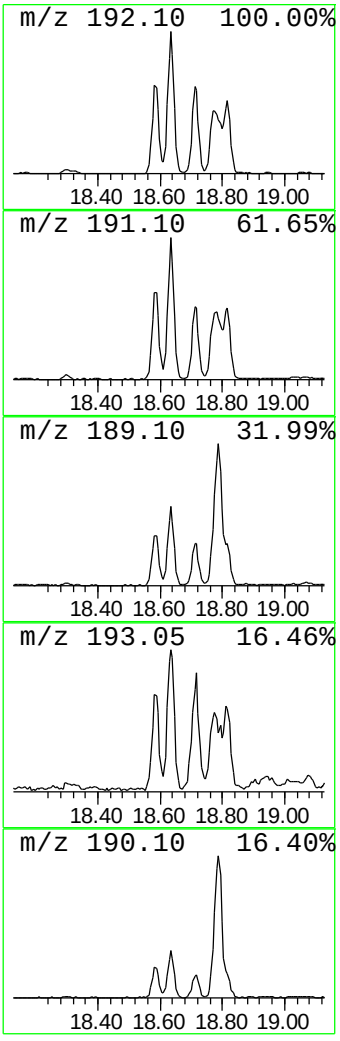

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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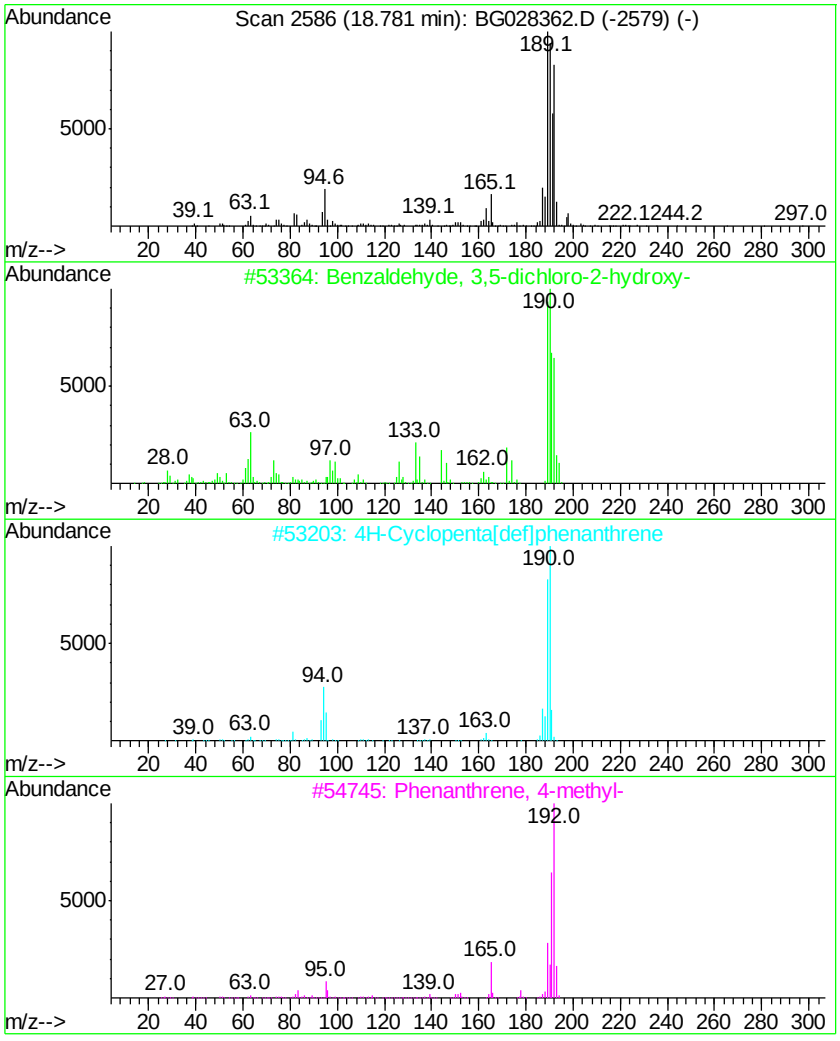
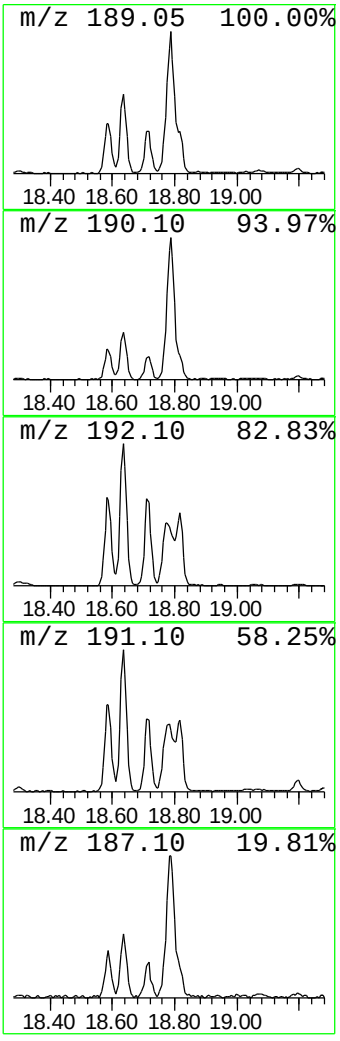
Peak Number 21 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	21.86 ng/ul	1086010	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	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	42





Library Search Compound Report

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Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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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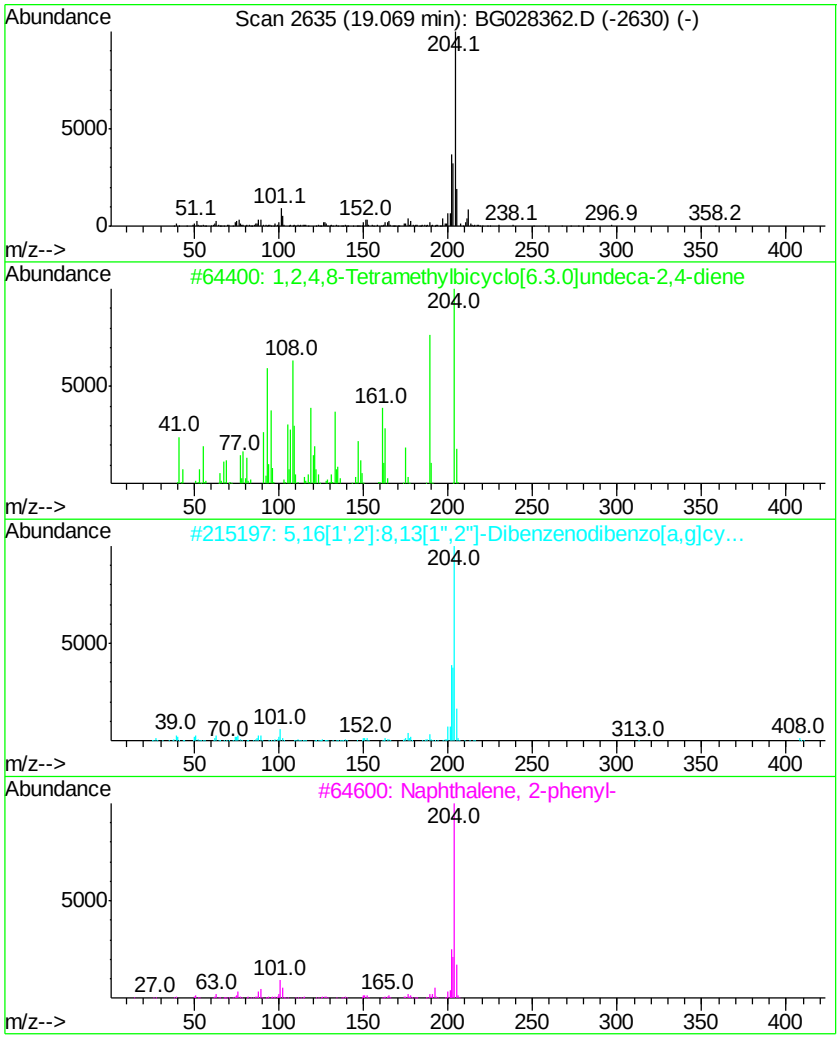
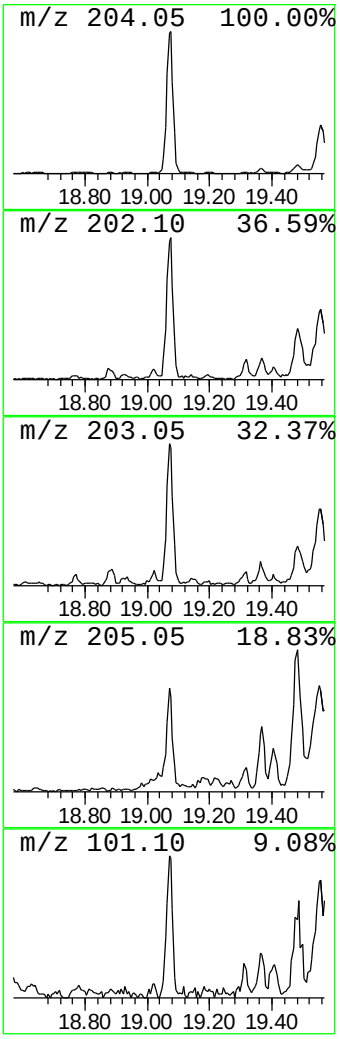
Peak Number 22 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	8.47 ng/ul	420846	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	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : I4672-09
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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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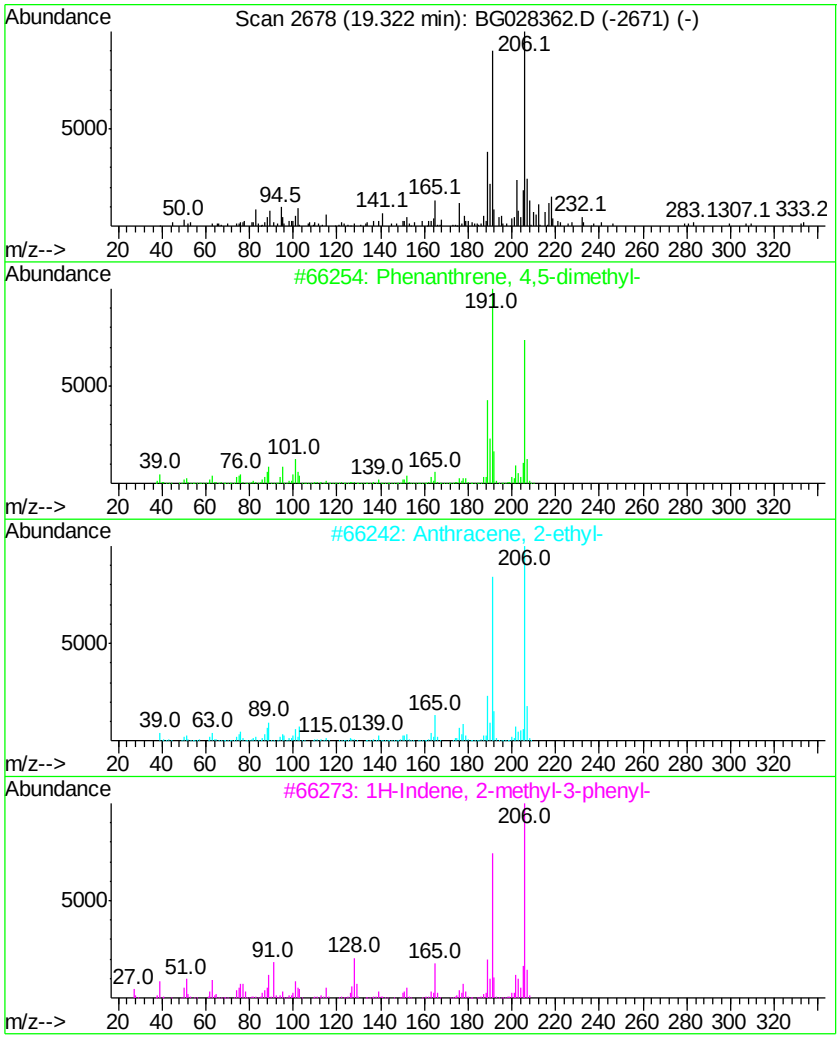
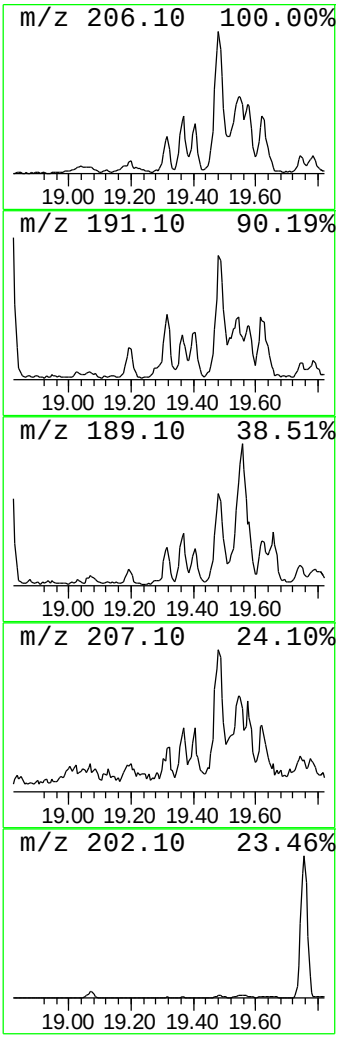
Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.13 ng/ul	155519	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Instrument : BNA_G
ClientSampleId : C0AH9

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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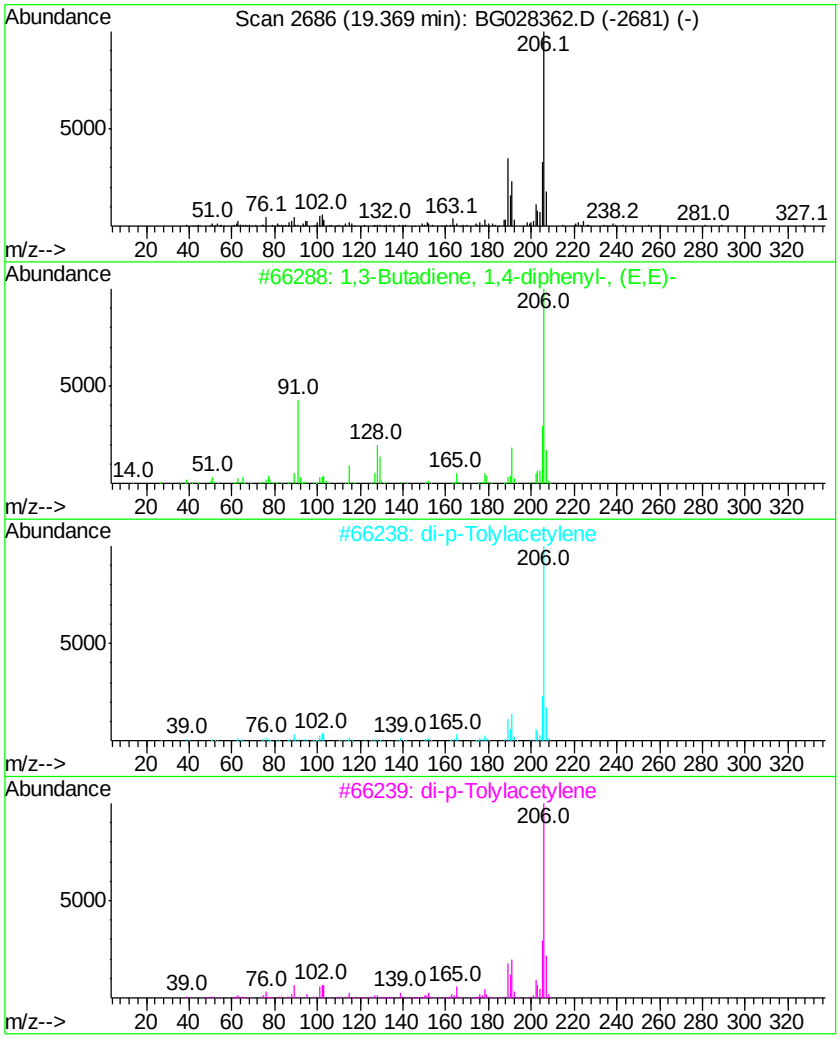
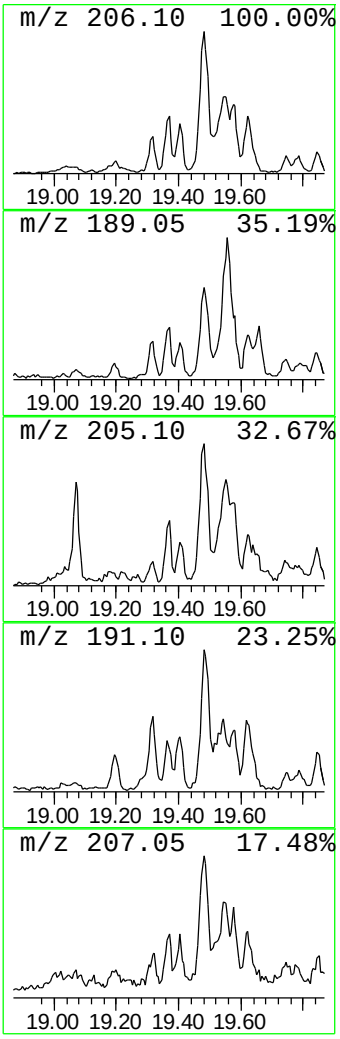
Peak Number 24 1,3-Butadiene, 1,4-diphenyl... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.91 ng/ul	144521	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	81
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





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Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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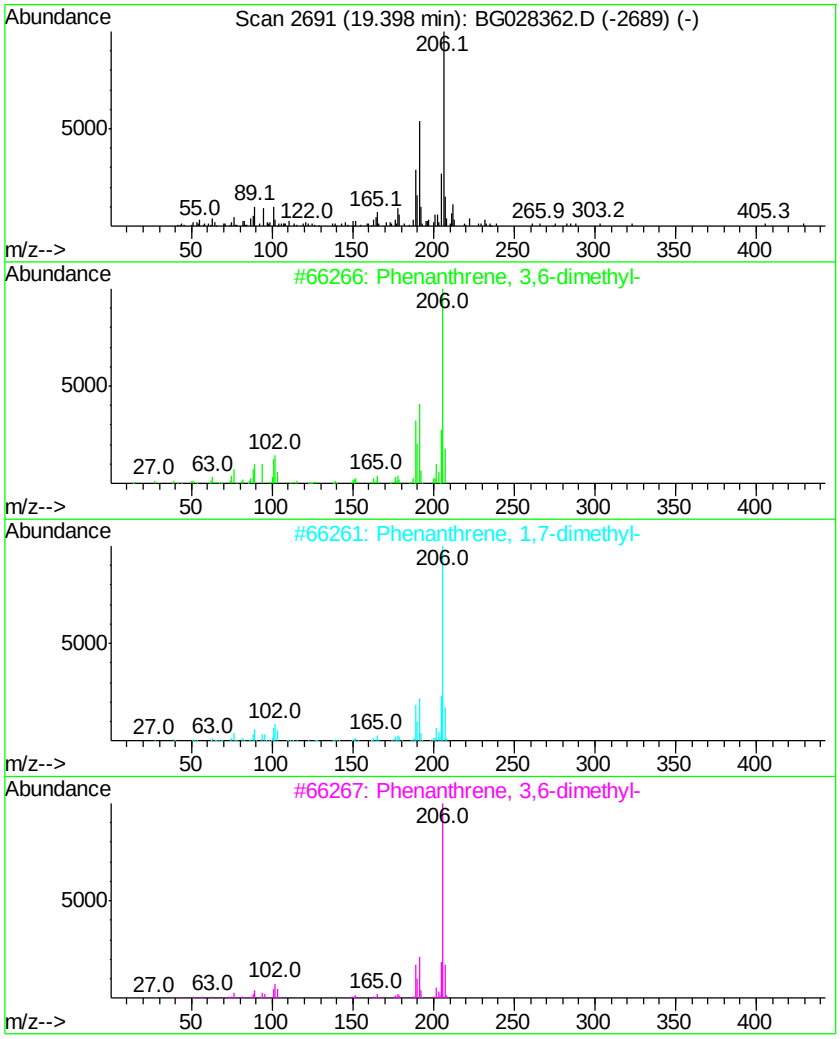
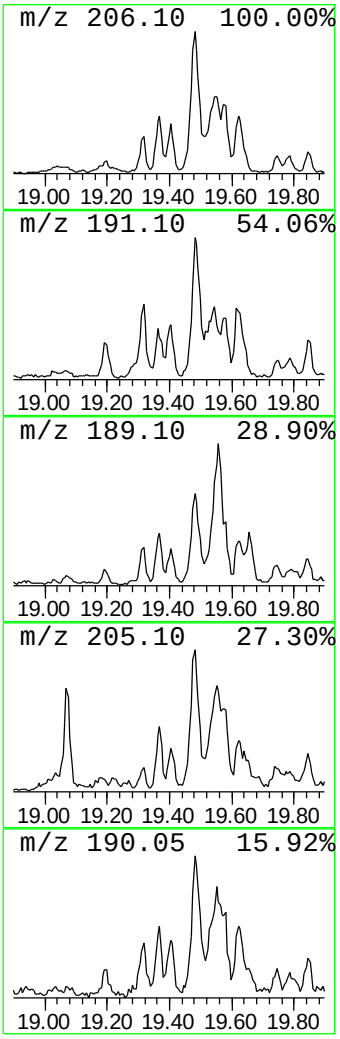
Peak Number 25 Phenanthrene, 3,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	3.05 ng/ul	151387	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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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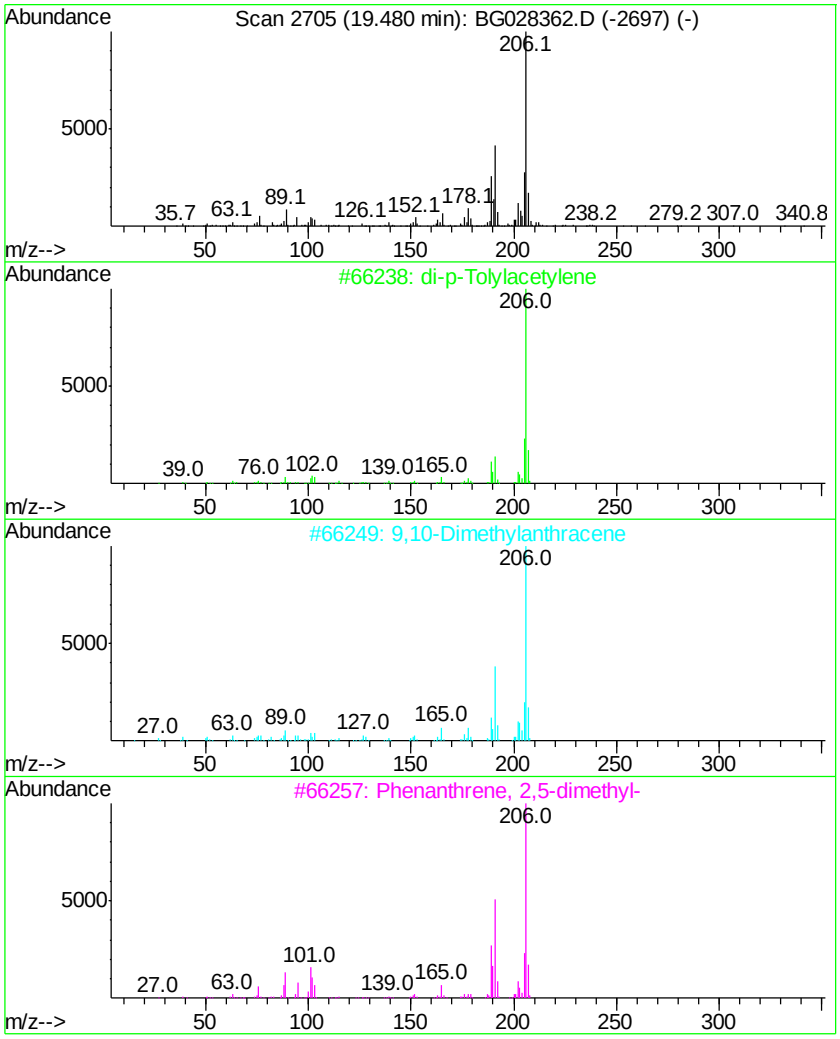
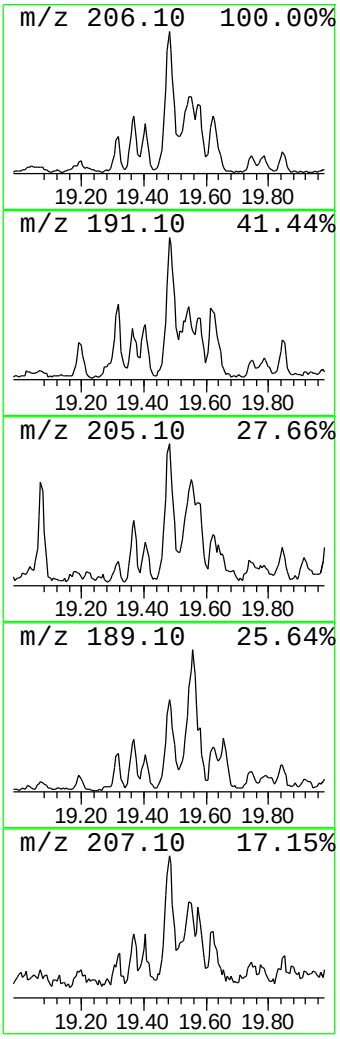
Peak Number 26 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	14.09 ng/ul	699813	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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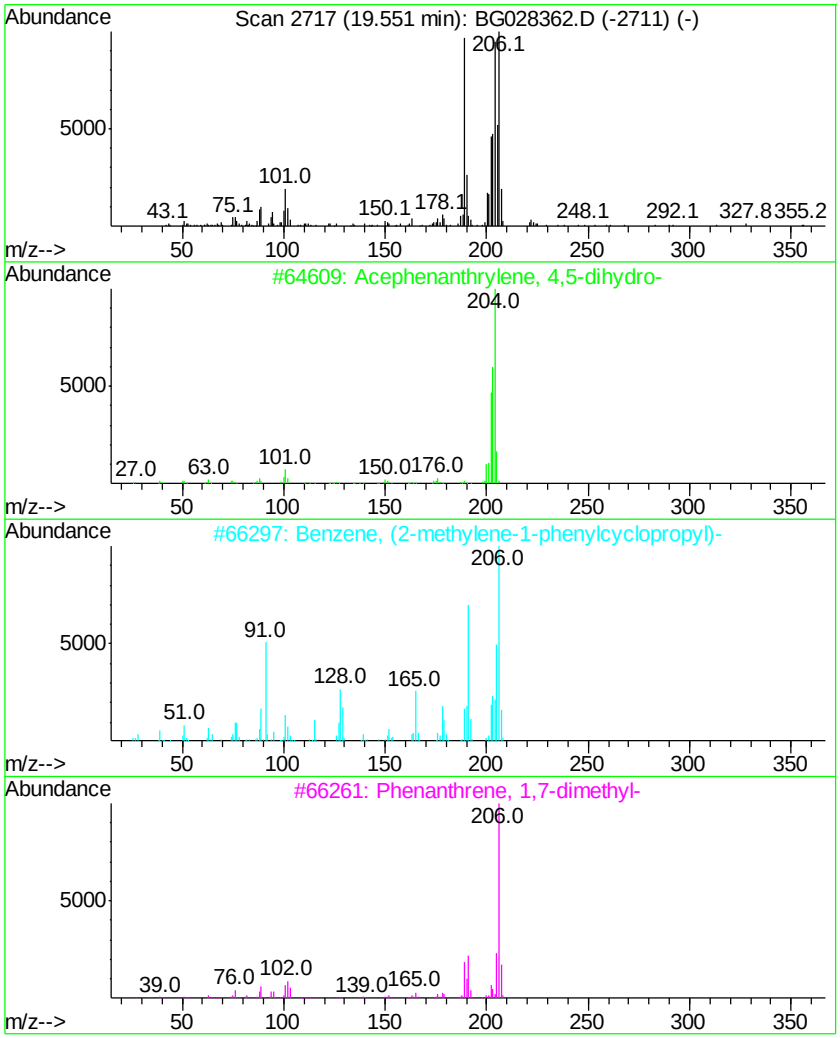
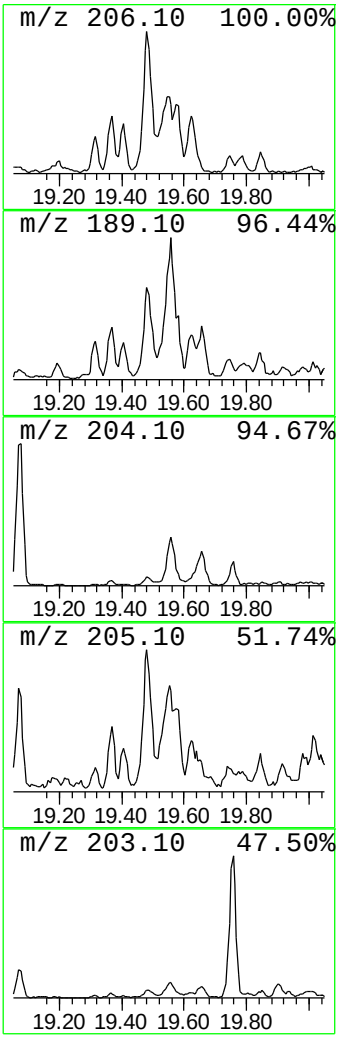
Peak Number 27 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	14.80 ng/ul	735100	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	38
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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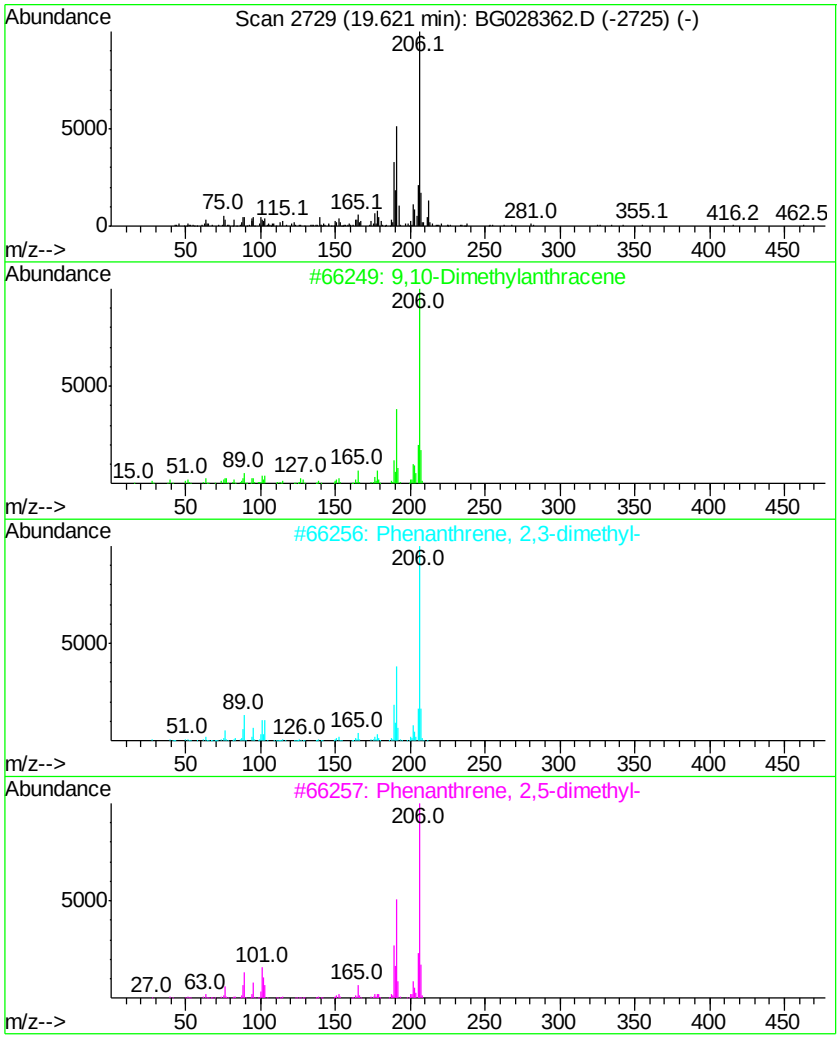
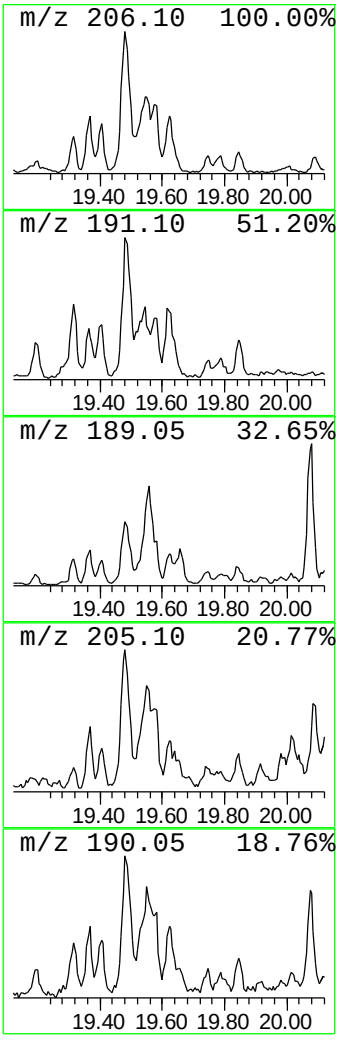
Peak Number 28 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	8.08 ng/ul	401257	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

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

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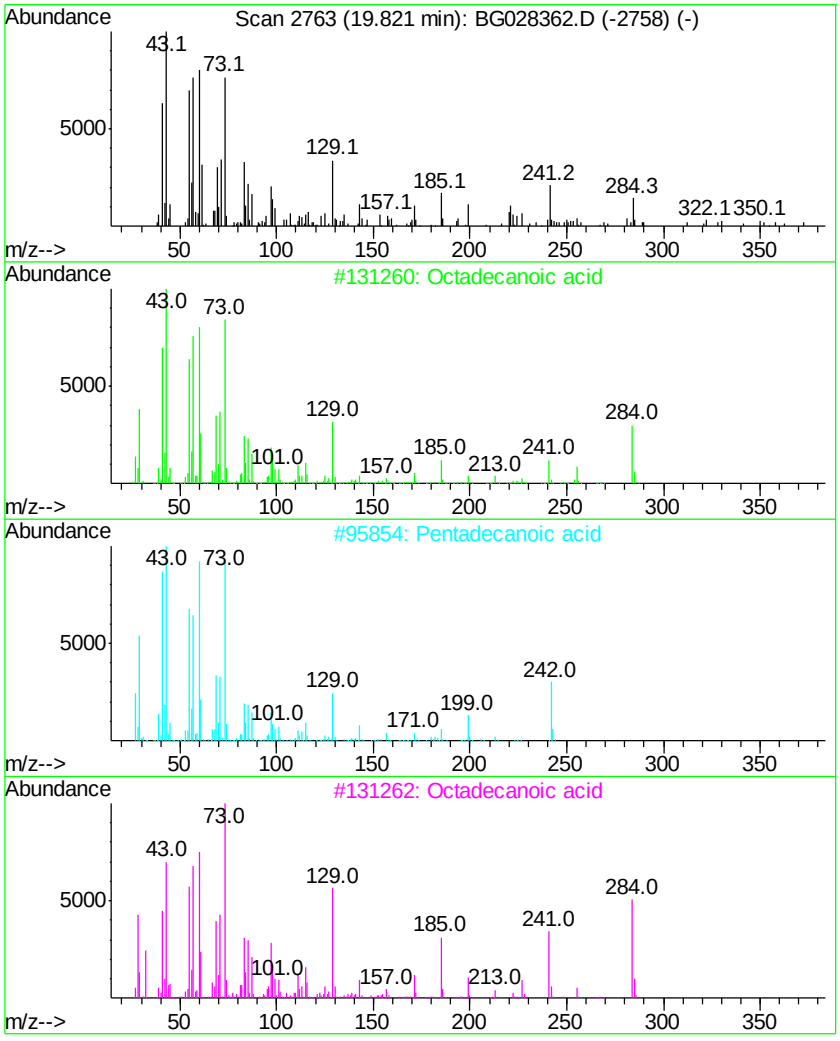
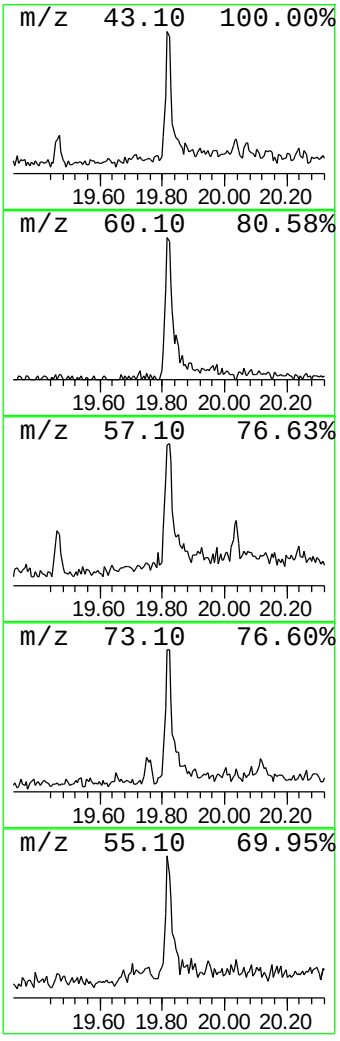
Peak Number 29 Octadecanoic acid Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.13 ng/ul	105894	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





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Quant Title : SVOA CALIBRATION

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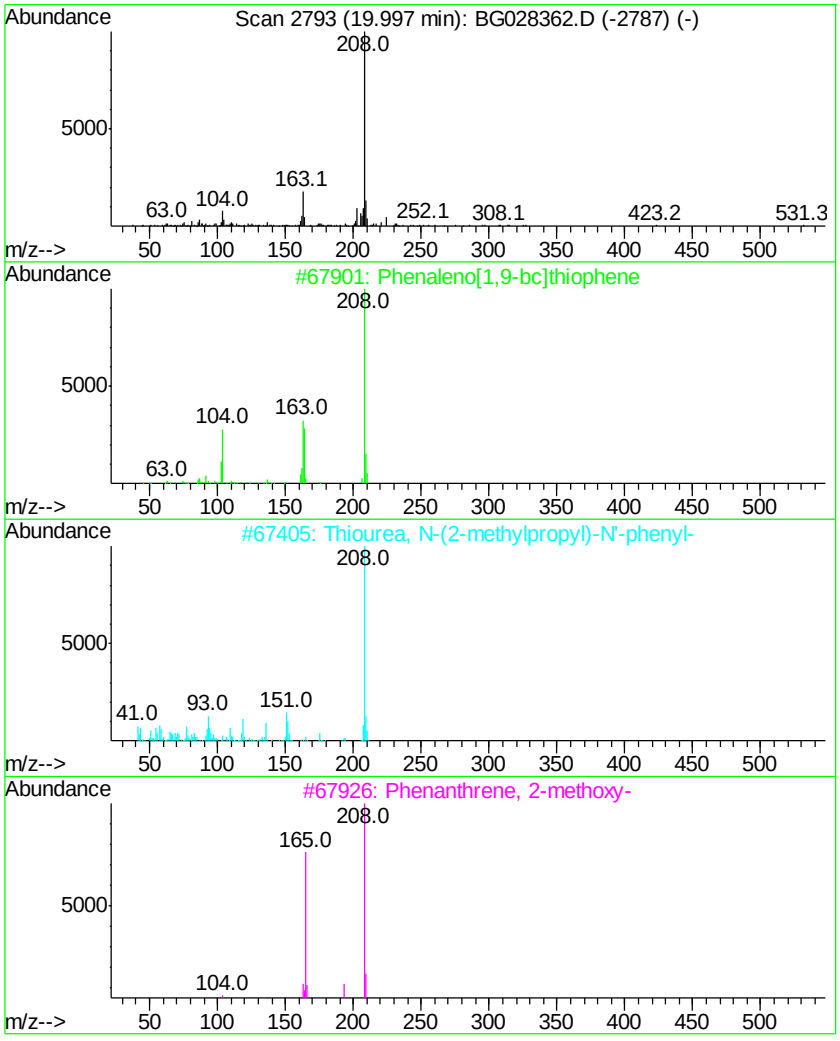
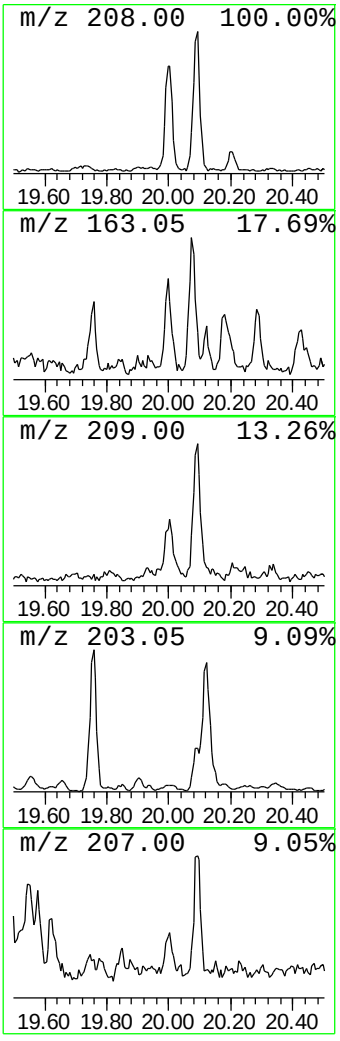
Peak Number 30 Phenaleno[1,9-bc]thiophene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.01 ng/ul	321715	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	52
2	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	52
3	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	50
4	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	42
5	1-(4,4-Dimethyl-4H-benzo[h]quino...	251	C17H17NO	1000310-52-4	42





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Quant Title : SVOA CALIBRATION

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Peak Number 31 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	2.55 ng/ul	407506	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	86
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	76
3	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	76
4	1-Hydroxypyrene	218	C16H10O	005315-79-7	59
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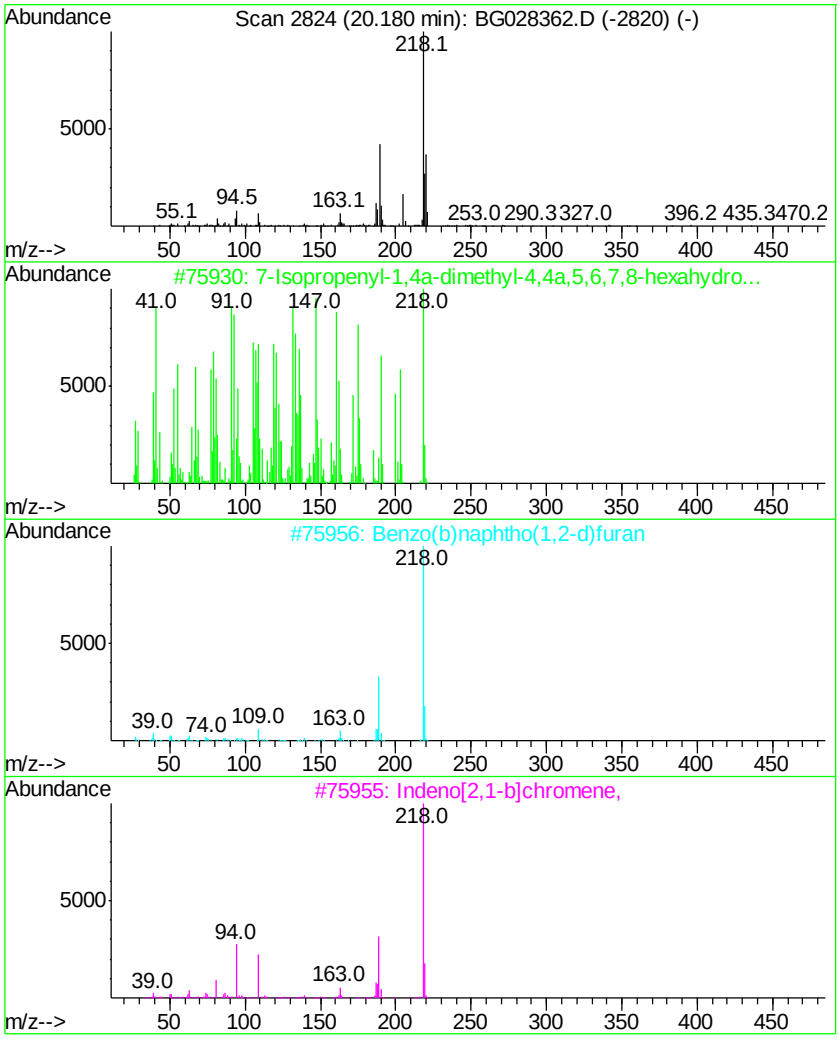

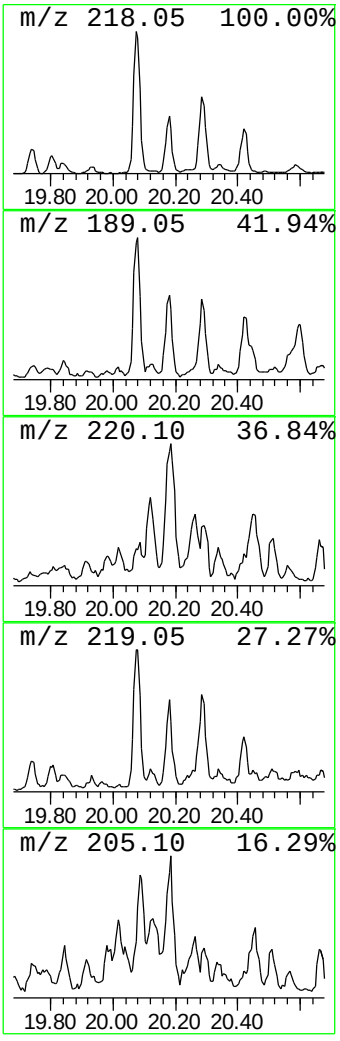

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Quant Title : SVOA CALIBRATION

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

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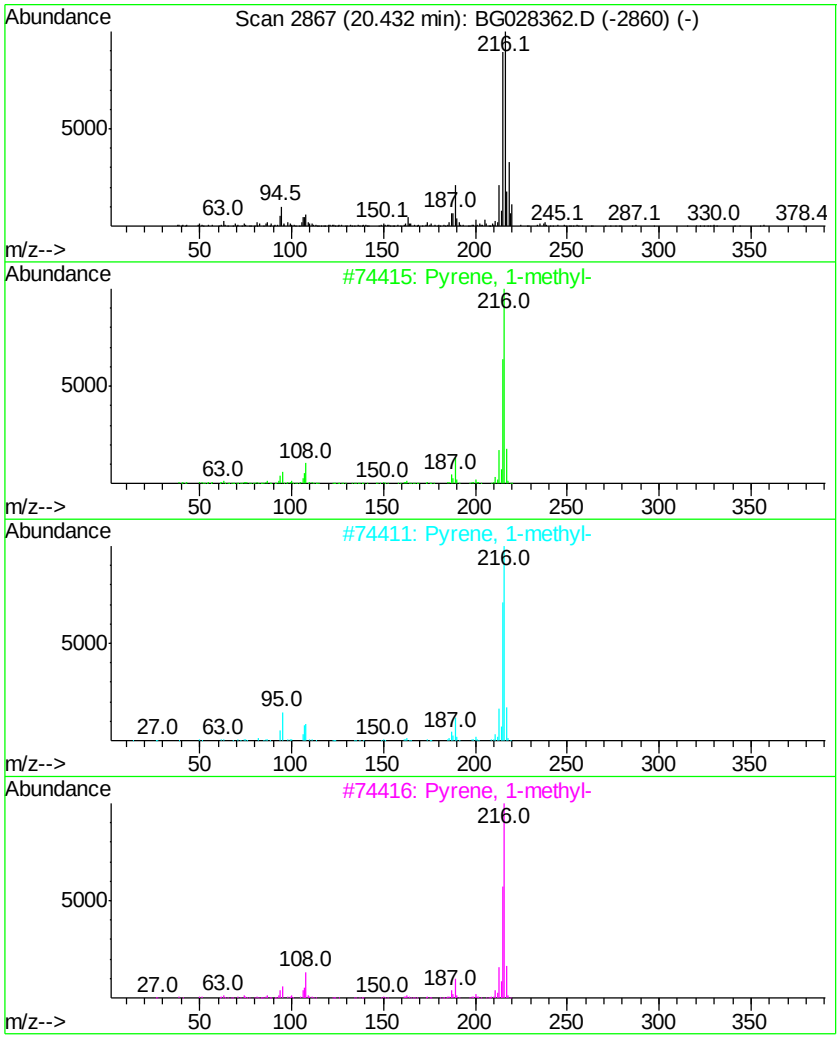
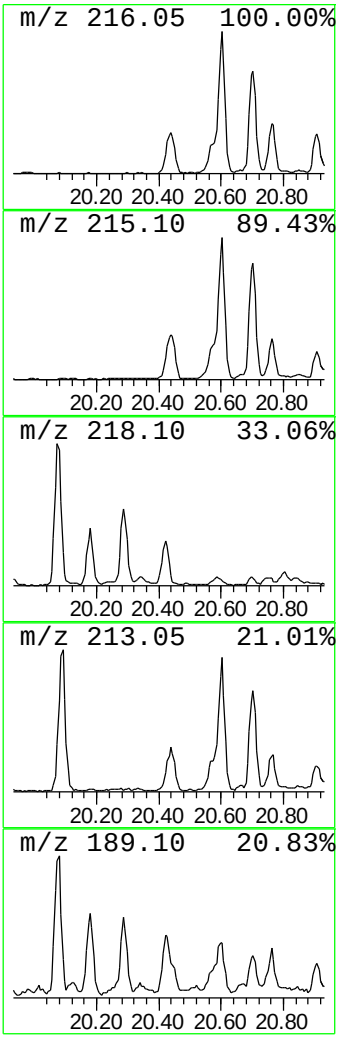
Peak Number 32 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.51 ng/ul	720899	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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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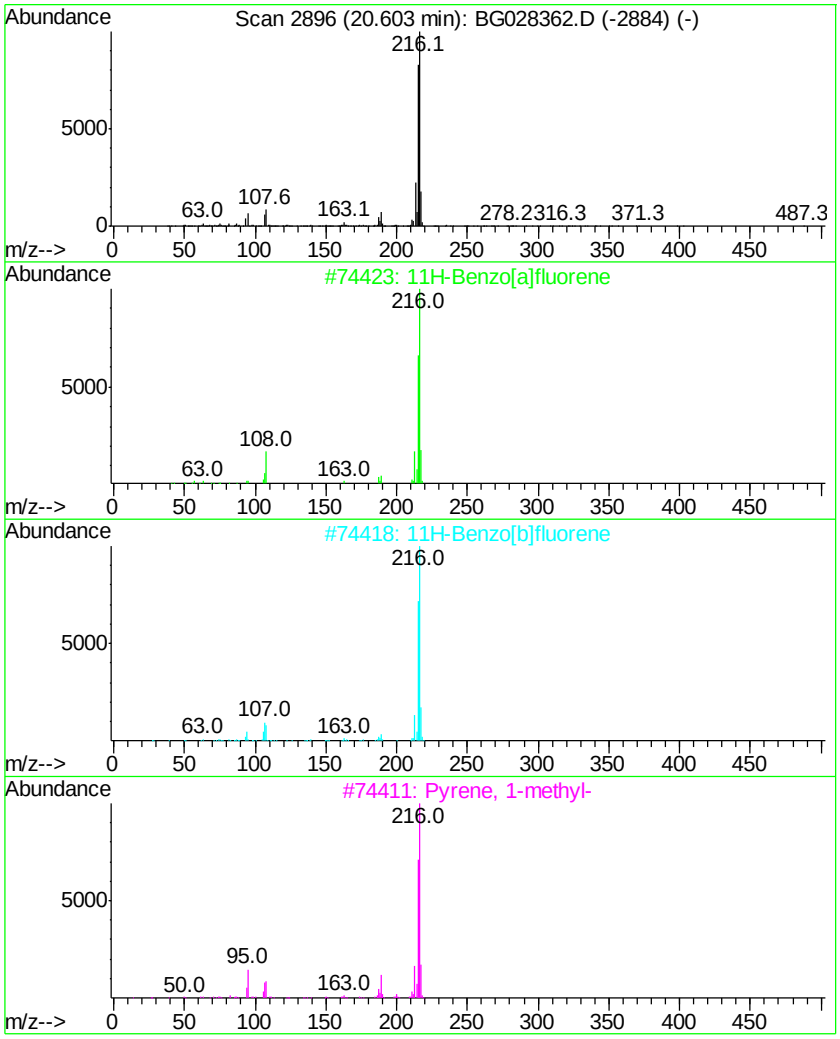
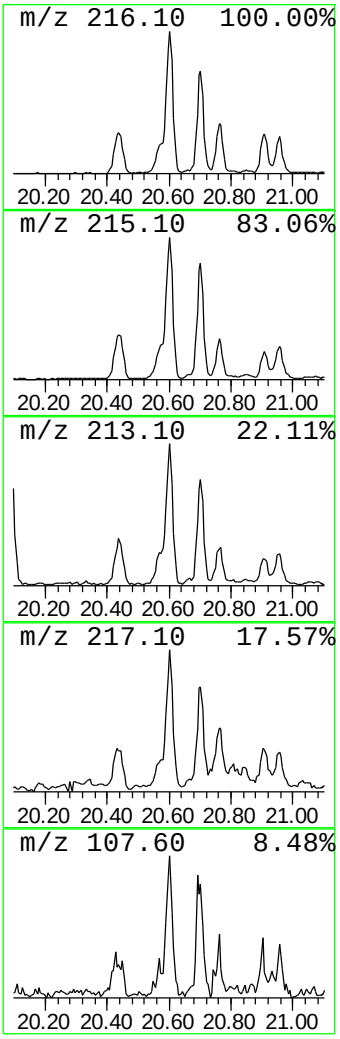
Peak Number 33 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	9.57 ng/ul	1528730	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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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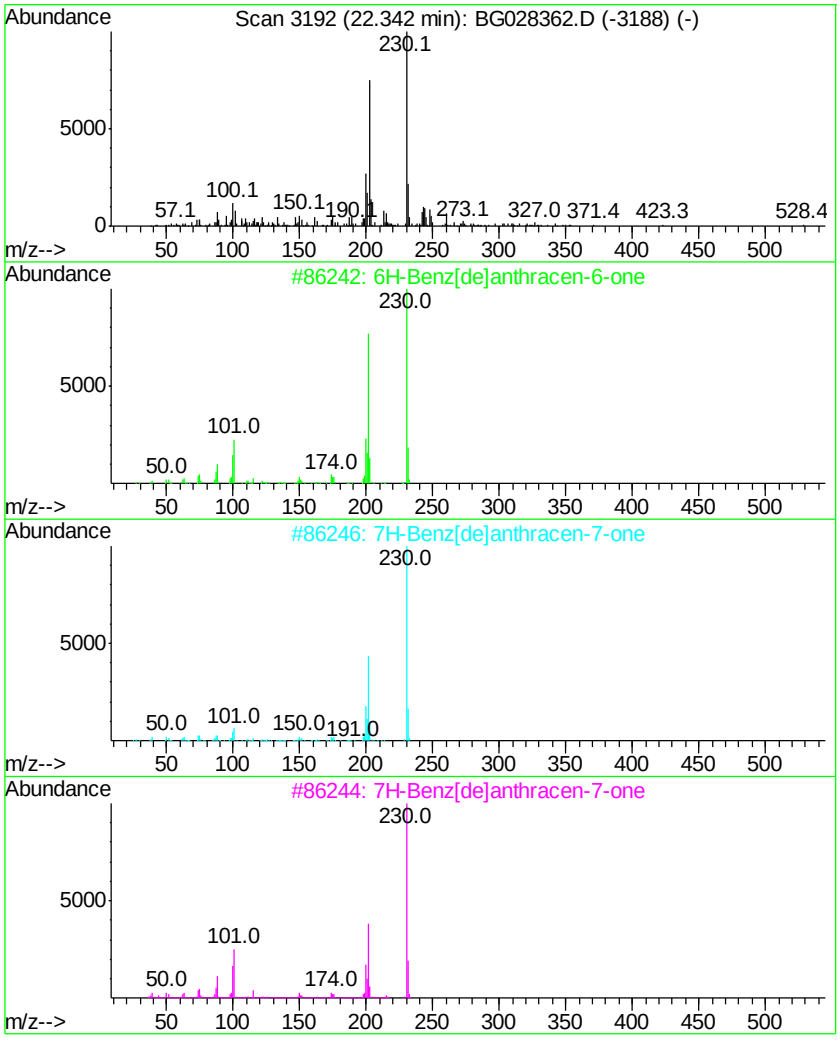
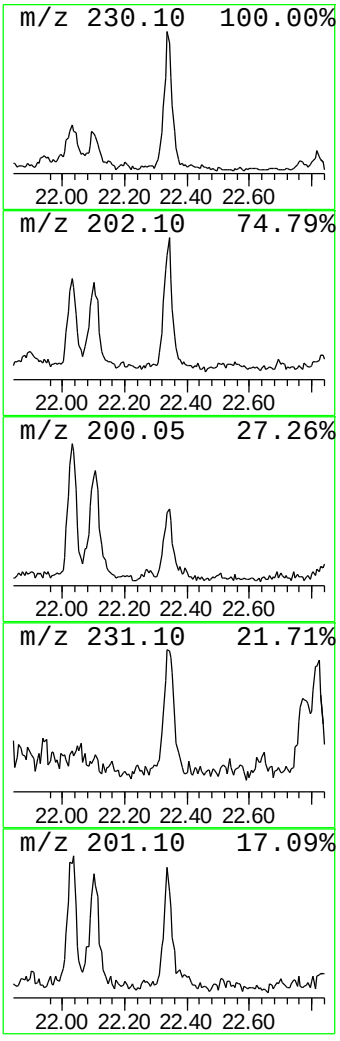
Peak Number 37 6H-Benz[de]anthracen-6-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	3.00 ng/ul	479675	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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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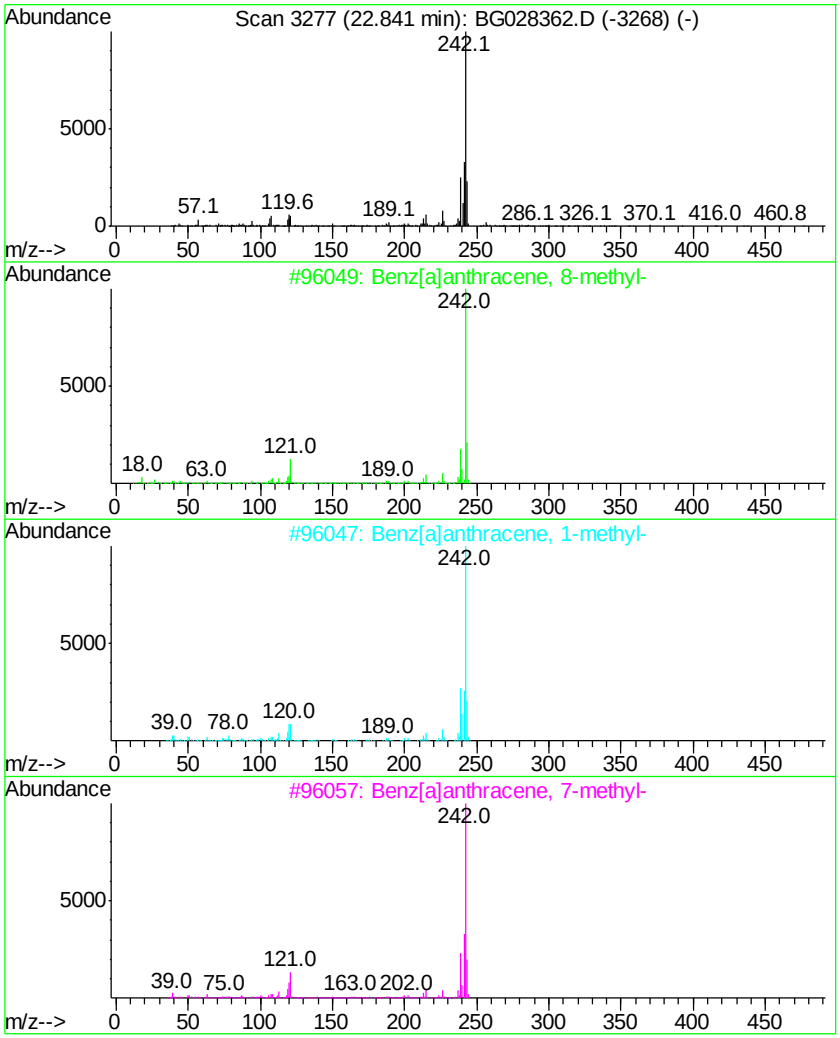
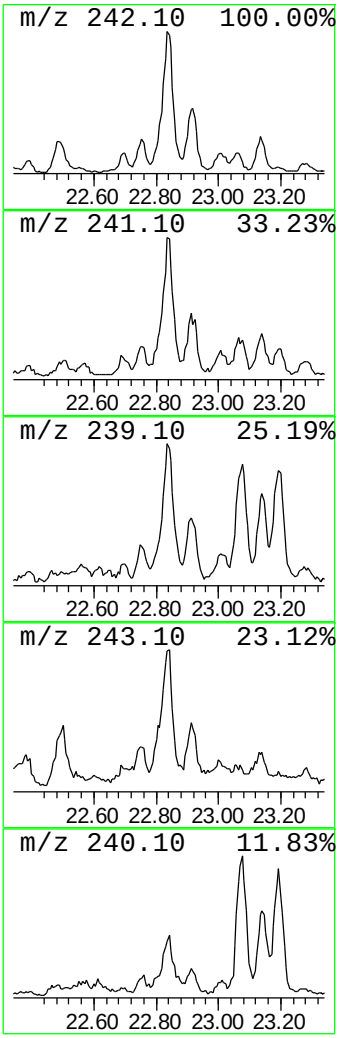
Peak Number 38 Benz[a]anthracene, 8-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	4.05 ng/ul	647458	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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	5.47	2.3	ng/ul	38394	1	8.36	330172	20.0
Naphthalene, 2,3,...	15.35	3.4	ng/ul	139285	3	14.96	826377	20.0
Naphthalene, 1,6,...	15.43	2.6	ng/ul	107080	3	14.96	826377	20.0
Naphthalene, 1,4,...	15.57	2.4	ng/ul	99922	3	14.96	826377	20.0
Dibenzofuran, 4-m...	16.30	4.9	ng/ul	201530	3	14.96	826377	20.0
(DEL) Alkane: Str...	16.65	3.9	ng/ul	194440	4	17.71	993554	20.0
9H-Fluorene, 1-me...	17.01	4.9	ng/ul	242155	4	17.71	993554	20.0
2,2-Dimethyl-1-ac...	17.23	5.2	ng/ul	260287	4	17.71	993554	20.0
Methanone, (2-met...	17.28	4.6	ng/ul	228356	4	17.71	993554	20.0
Naphtho[2,1-b]fur...	17.43	5.8	ng/ul	286700	4	17.71	993554	20.0
Naphtho[1,2-b]thi...	17.53	5.5	ng/ul	274749	4	17.71	993554	20.0
1,1'-Biphenyl, 3,...	18.13	6.2	ng/ul	305631	4	17.71	993554	20.0
Dibenzothiophene,...	18.29	2.9	ng/ul	142789	4	17.71	993554	20.0
Dibenzothiophene,...	18.43	3.7	ng/ul	185305	4	17.71	993554	20.0
Phenanthrene, 1-m...	18.58	18.6	ng/ul	925717	4	17.71	993554	20.0
Phenanthrene, 2-m...	18.63	18.3	ng/ul	906417	4	17.71	993554	20.0
Benzaldehyde, 3,5...	18.78	21.9	ng/ul	1086010	4	17.71	993554	20.0
1,2,4,8-Tetrameth...	19.07	8.5	ng/ul	420846	4	17.71	993554	20.0
Phenanthrene, 4,5...	19.32	3.1	ng/ul	155519	4	17.71	993554	20.0
1,3-Butadiene, 1,...	19.37	2.9	ng/ul	144521	4	17.71	993554	20.0
Phenanthrene, 3,6...	19.40	3.0	ng/ul	151387	4	17.71	993554	20.0
di-p-Tolylacetylene	19.48	14.1	ng/ul	699813	4	17.71	993554	20.0
unknown-02	19.55	14.8	ng/ul	735100	4	17.71	993554	20.0
9,10-Dimethylanth...	19.62	8.1	ng/ul	401257	4	17.71	993554	20.0
Octadecanoic acid	19.82	2.1	ng/ul	105894	4	17.71	993554	20.0
Phenaleno[1,9-bc]...	20.00	2.0	ng/ul	321715	5	22.05	3195660	20.0
7-Isopropenyl-1,4...	20.18	2.5	ng/ul	407506	5	22.05	3195660	20.0
Pyrene, 1-methyl-	20.43	4.5	ng/ul	720899	5	22.05	3195660	20.0
11H-Benzo[a]fluorene	20.60	9.6	ng/ul	1528730	5	22.05	3195660	20.0
6H-Benz[de]anthra...	22.34	3.0	ng/ul	479675	5	22.05	3195660	20.0
Benz[a]anthracene...	22.84	4.0	ng/ul	647458	5	22.05	3195660	20.0