LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	3.448	123	129	137	rBV	94777	129739	3.12%	0.298%
2	6.656	669	675	683	rVB	101059	171640	4.13%	0.394%
3	6.791	691	698	704	rBV	71627	106882	2.57%	0.245%
4	6.985	725	731	740	rVV	106855	171501	4.13%	0.394%
5	7.449	803	810	817	rBV	182803	284324	6.84%	0.653%
6	8.183	929	935	941	rVV	77529	122539	2.95%	0.281%
7	8.606	1001	1007	1013	rVB	104426	169296	4.07%	0.389%
8	9.323	1122	1129	1137	rBV2	104971	172739	4.16%	0.397%
9	9.870	1215	1222	1229	rBV	155602	248186	5.97%	0.570%
10	10.234	1277	1284	1288	rBV	256336	435803	10.49%	1.000%
11	10.281	1288	1292	1298	rVV	69524	111103	2.67%	0.255%
12	11.914	1564	1570	1578	rBV	32784	47890	1.15%	0.110%
13	12.138	1601	1608	1613	rBV	26516	45032	1.08%	0.103%
14	13.442	1826	1830	1836	rVB4	25783	42148	1.01%	0.097%
15	13.548	1842	1848	1852	rVV	255434	363769	8.75%	0.835%
16	13.595	1852	1856	1861	rVB	105569	139889	3.37%	0.321%
17	13.818	1887	1894	1898	rBV	284193	426050	10.25%	0.978%
18	13.847	1898	1899	1906	rVB3	33599	47013	1.13%	0.108%
19	14.129	1939	1947	1953	rVV2	384972	592682	14.26%	1.361%
20	14.194	1953	1958	1963	rVV	192936	265622	6.39%	0.610%
21	14.382	1978	1990	1995	rBV2	97117	179861	4.33%	0.413%
22	14.441	1997	2000	2005	rVB3	25447	39047	0.94%	0.090%
23	14.535	2006	2016	2021	rBV	102998	199162	4.79%	0.457%
24	15.128	2112	2117	2122	rVV	358420	498625	12.00%	1.145%
25	15.187	2122	2127	2132	rVB	203730	275917	6.64%	0.633%
26	15.275	2137	2142	2146	rBV2	122170	171616	4.13%	0.394%
27	15.346	2151	2154	2159	rVB6	28170	39283	0.95%	0.090%
28	15.481	2174	2177	2185	rVB2	45032	81898	1.97%	0.188%
29	15.633	2197	2203	2211	rVV3	45122	101727	2.45%	0.234%
30	15.716	2211	2217	2225	rVB9	17101	43480	1.05%	0.100%
31	15.868	2238	2243	2250	rVB6	52976	97349	2.34%	0.223%
32	16.198	2292	2299	2303	rVV3	43292	108708	2.62%	0.250%
33	16.245	2303	2307	2312	rVV3	35812	57992	1.40%	0.133%
34	16.315	2314	2319	2322	rVV6	44716	73421	1.77%	0.169%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	16.544	2354	2358	2365	rVB2	92946	136434	3.28%	0.313%
36	16.638	2365	2374	2377	rBV7	46648	105499	2.54%	0.242%
37	16.703	2381	2385	2395	rVB	163848	237160	5.71%	0.544%
38	16.891	2411	2417	2420	rBV	425547	627572	15.10%	1.441%
39	16.938	2420	2425	2429	rVV	1865587	2640201	63.53%	6.061%
40	16.991	2429	2434	2436	rVV	361291	514650	12.38%	1.181%
41	17.020	2436	2439	2445	rVB	403491	539315	12.98%	1.238%
42	17.079	2445	2449	2454	rBV3	45008	73056	1.76%	0.168%
43	17.267	2476	2481	2483	rBV2	30384	48076	1.16%	0.110%
44	17.302	2483	2487	2491	rVB	169781	225150	5.42%	0.517%
45	17.408	2501	2505	2511	rBV2	63288	97096	2.34%	0.223%
46	17.473	2511	2516	2526	rVV3	79523	138541	3.33%	0.318%
47	17.614	2536	2540	2548	rVB	47363	89640	2.16%	0.206%
48	17.684	2548	2552	2556	rBV3	35482	59957	1.44%	0.138%
49	17.766	2560	2566	2570	rVV	236518	339146	8.16%	0.779%
50	17.819	2570	2575	2581	rVV	713119	992580	23.88%	2.279%
51	17.896	2582	2588	2592	rVV2	89631	155170	3.73%	0.356%
52	17.960	2593	2599	2603	rVV2	409366	684590	16.47%	1.572%
53	17.995	2603	2605	2610	rVB	149836	183514	4.42%	0.421%
54	18.172	2631	2635	2639	rVB5	46258	61232	1.47%	0.141%
55	18.272	2648	2652	2657	rBV	163081	223080	5.37%	0.512%
56	18.319	2657	2660	2665	rVB2	163810	212193	5.11%	0.487%
57	18.401	2671	2674	2676	rBV2	30070	38818	0.93%	0.089%
58	18.518	2687	2694	2701	rBV4	195797	317737	7.65%	0.729%
59	18.577	2701	2704	2707	rBV	58148	65047	1.57%	0.149%
60	18.700	2720	2725	2731	rBV2	121264	240484	5.79%	0.552%
61	18.841	2744	2749	2756	rBV	131790	239542	5.76%	0.550%
62	18.977	2764	2772	2776	rBV	2994854	4155765	100.00%	9.540%
63	19.029	2777	2781	2785	rVV3	123607	184761	4.45%	0.424%
64	19.065	2785	2787	2791	rVB3	54988	66739	1.61%	0.153%
65	19.112	2791	2795	2800	rVB5	96569	143771	3.46%	0.330%
66	19.176	2803	2806	2808	rVV4	49305	67557	1.63%	0.155%
67	19.212	2808	2812	2816	rVB	130343	182582	4.39%	0.419%
68	19.306	2823	2828	2829	rBV	734928	880417	21.19%	2.021%
69	19.341	2829	2834	2841	rVV	2665926	3917732	94.27%	8.993%
70	19.406	2841	2845	2851	rVB2	102230	174135	4.19%	0.400%
71	19.511	2859	2863	2867	rBV	120389	159300	3.83%	0.366%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	19.570	2869	2873	2879	rVB2	162786	265830	6.40%	0.610%
73	19.658	2883	2888	2894	rBV3	156714	378445	9.11%	0.869%
74	19.752	2901	2904	2907	rVB3	48074	54586	1.31%	0.125%
75	19.793	2907	2911	2913	rVV4	132171	201771	4.86%	0.463%
76	19.834	2914	2918	2922	rVB	383722	539716	12.99%	1.239%
77	19.934	2931	2935	2939	rBV	283303	344299	8.28%	0.790%
78	19.993	2939	2945	2948	rVV2	215020	342475	8.24%	0.786%
79	20.028	2948	2951	2955	rVB	95635	125953	3.03%	0.289%
80	20.128	2966	2968	2972	rVB	107919	112660	2.71%	0.259%
81	20.175	2972	2976	2980	rVB	132629	182300	4.39%	0.418%
82	20.545	3036	3039	3041	rBV4	48758	65347	1.57%	0.150%
83	20.581	3042	3045	3052	rVB	197921	278412	6.70%	0.639%
84	20.745	3068	3073	3077	rBV3	289933	429895	10.34%	0.987%
85	20.786	3077	3080	3083	rVV	194344	238967	5.75%	0.549%
86	20.827	3083	3087	3091	rVV2	240244	404376	9.73%	0.928%
87	20.880	3094	3096	3103	rVB	190391	248596	5.98%	0.571%
88	21.092	3127	3132	3137	rBV2	1465015	2480735	59.69%	5.695%
89	21.145	3137	3141	3150	rVB	1449932	1831506	44.07%	4.204%
90	21.256	3156	3160	3165	rBV	249157	327307	7.88%	0.751%
91	21.415	3182	3187	3191	rBV2	149261	277206	6.67%	0.636%
92	21.585	3213	3216	3219	rBV4	67203	99499	2.39%	0.228%
93	21.638	3223	3225	3229	rVB	210293	231565	5.57%	0.532%
94	21.832	3255	3258	3260	rBV	119742	126071	3.03%	0.289%
95	22.649	3389	3397	3400	rBV	1318812	2909826	70.02%	6.680%
96	22.796	3418	3422	3429	rBV	245512	378228	9.10%	0.868%
97	23.101	3469	3474	3479	rBV	662859	1154447	27.78%	2.650%
98	23.201	3485	3491	3496	rVB	1212161	2049999	49.33%	4.706%
99	23.336	3510	3514	3520	rVB2	373426	685295	16.49%	1.573%
100	25.498	3875	3882	3893	rVB	540432	1516875	36.50%	3.482%

Sum of corrected areas: 43562359

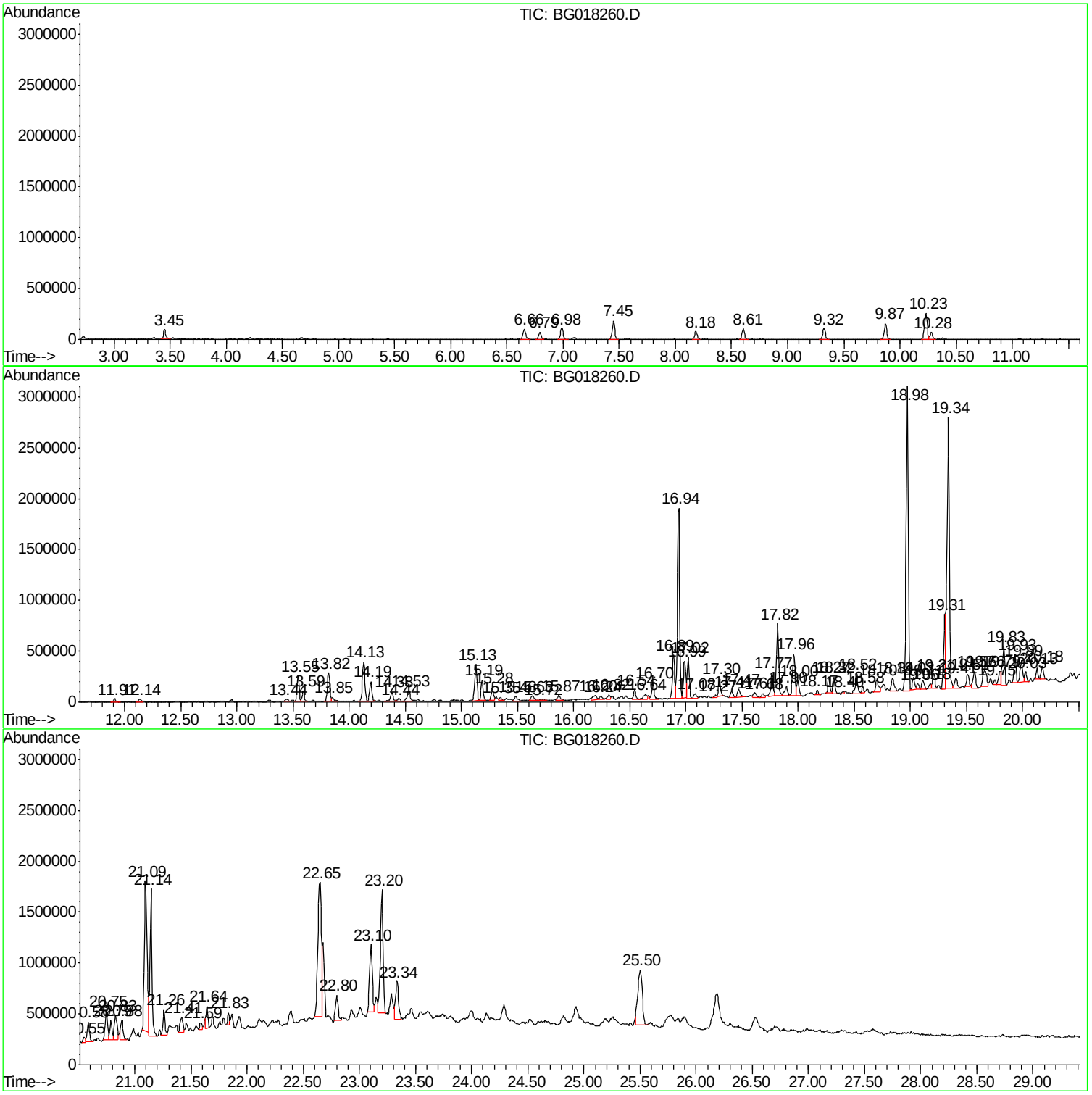
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

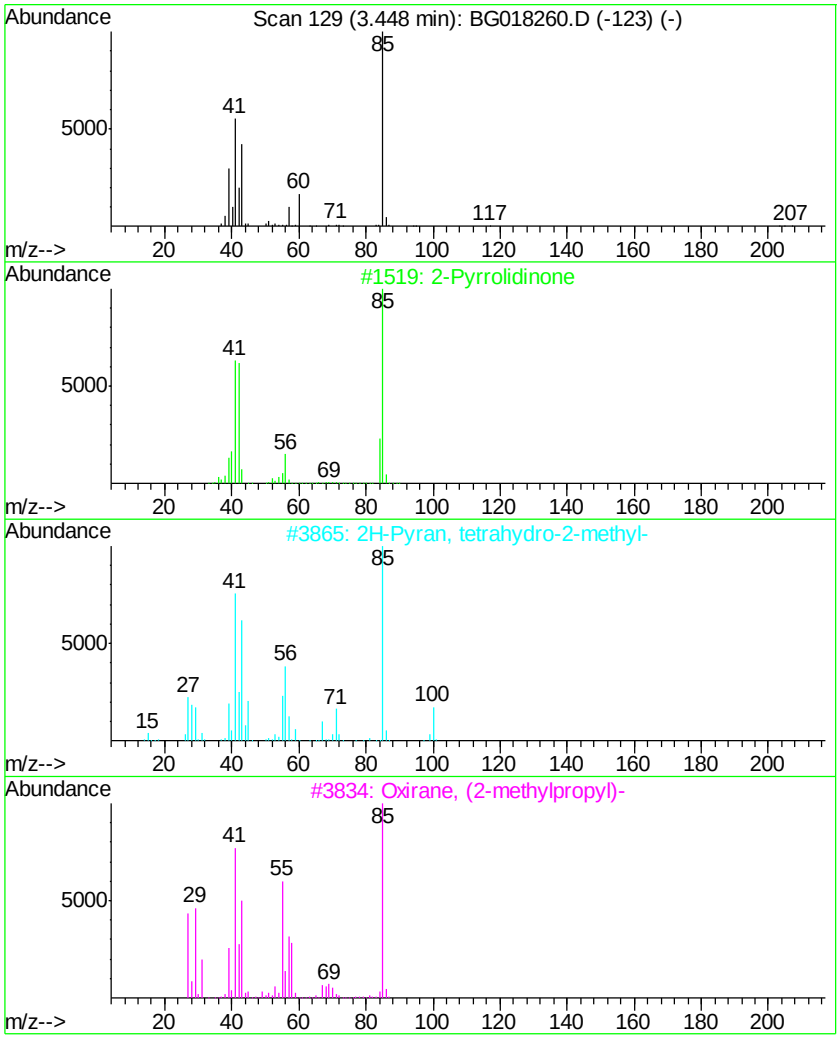
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

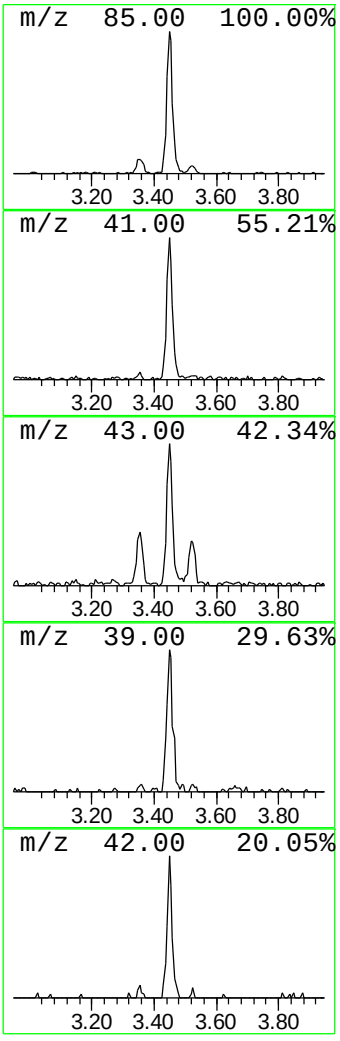
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	9.13 ng/ul	129739	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	38
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

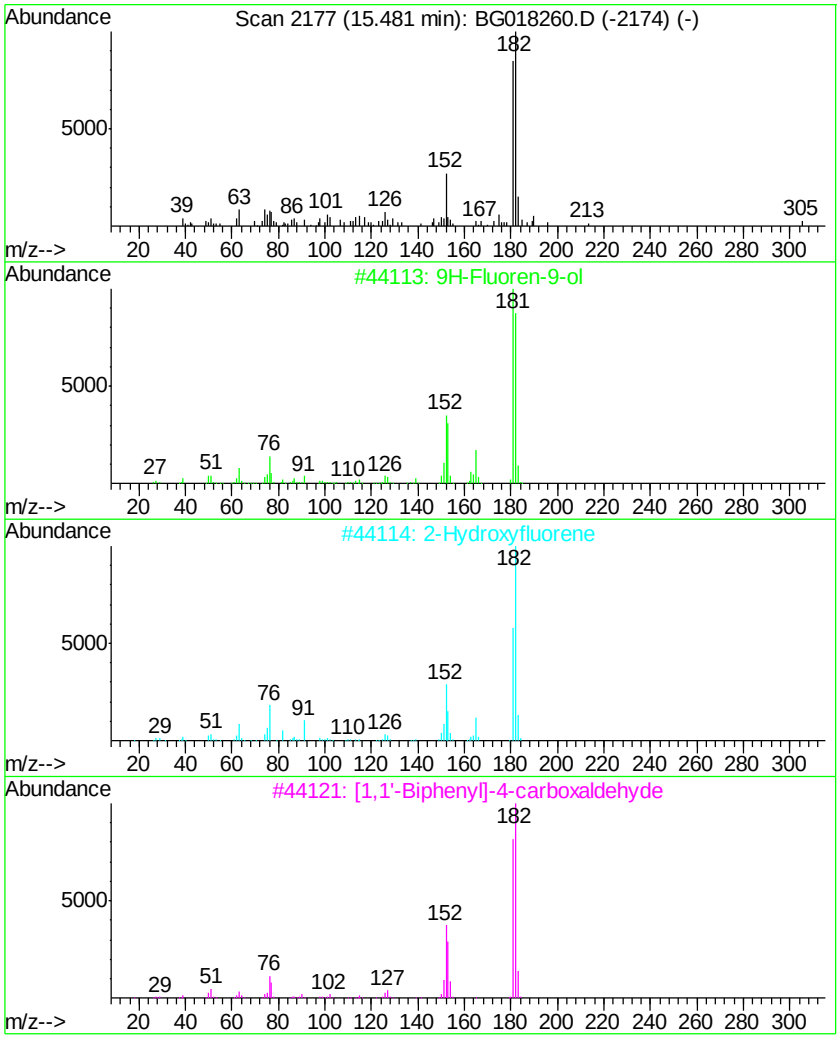
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

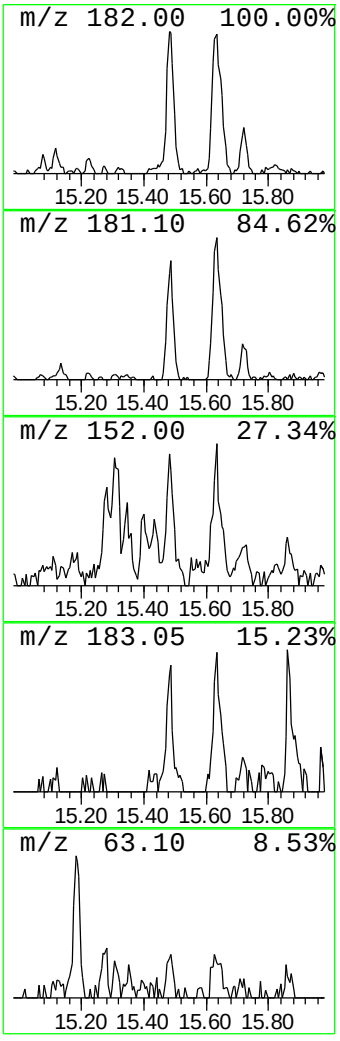
****

Peak Number 2 9H-Fluoren-9-ol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.76 ng/ul	81898	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

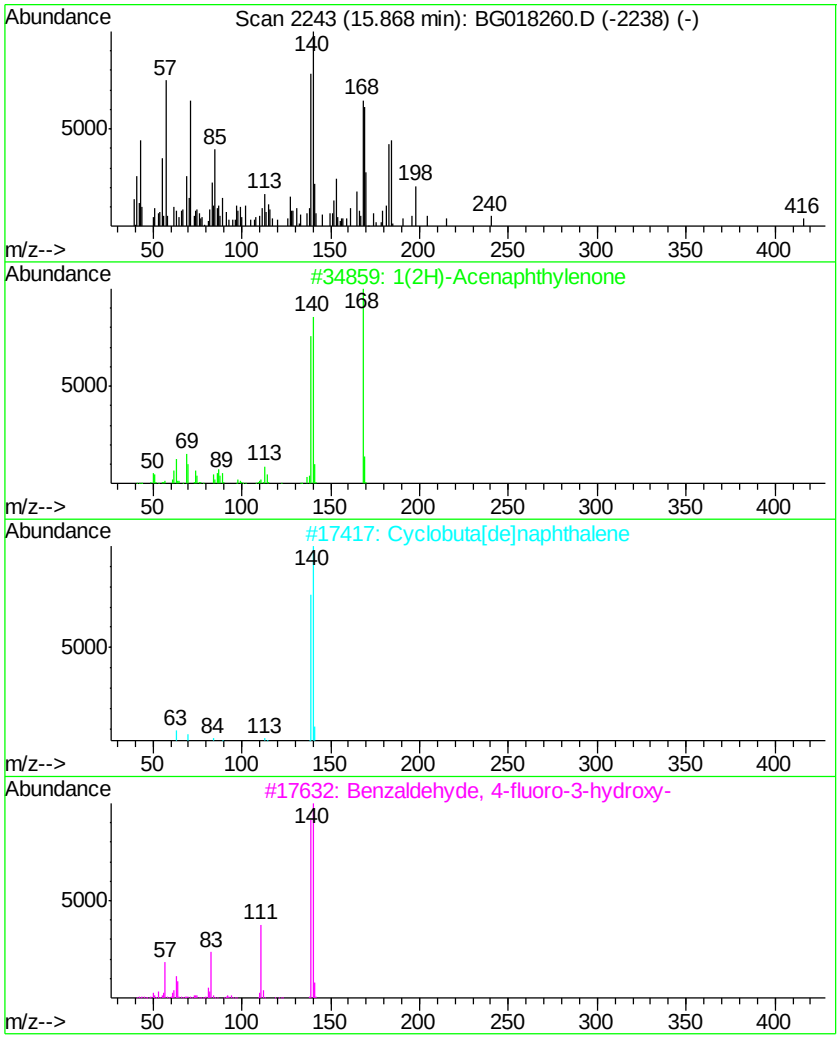
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

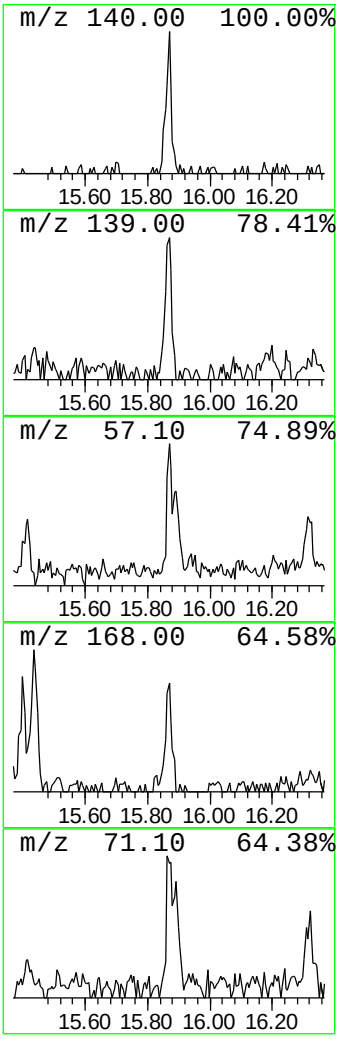
****

Peak Number 4 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.10 ng/ul	97349	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	22
4	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	22
5	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

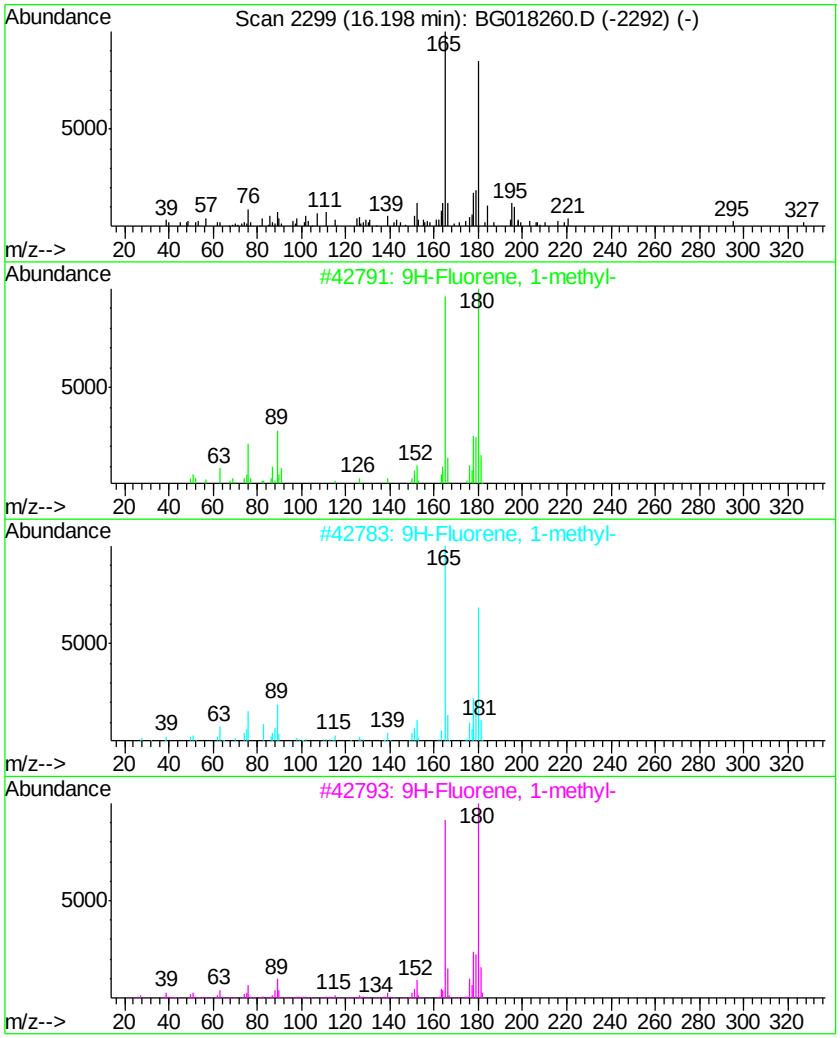
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

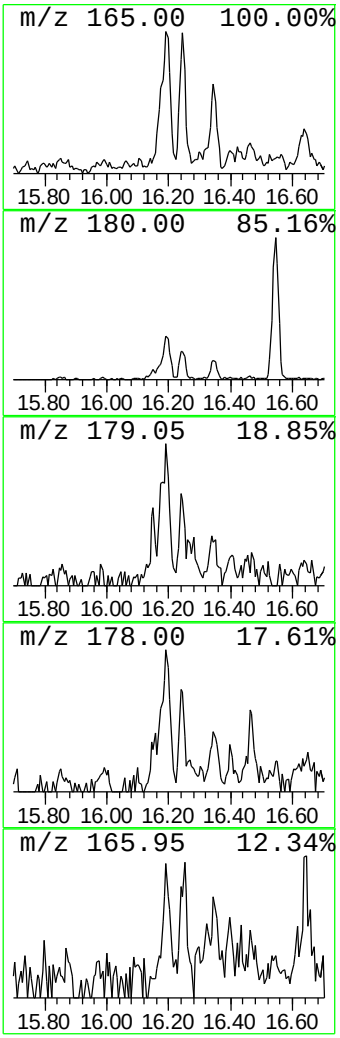
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.46 ng/ul	108708	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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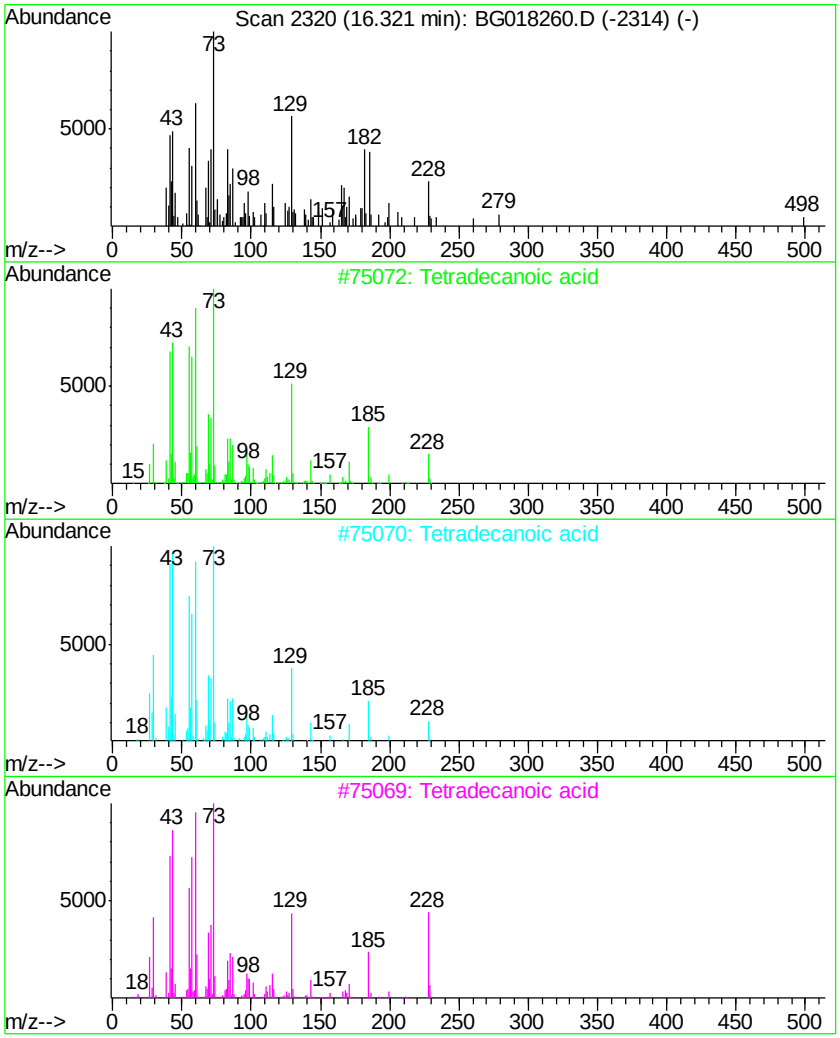
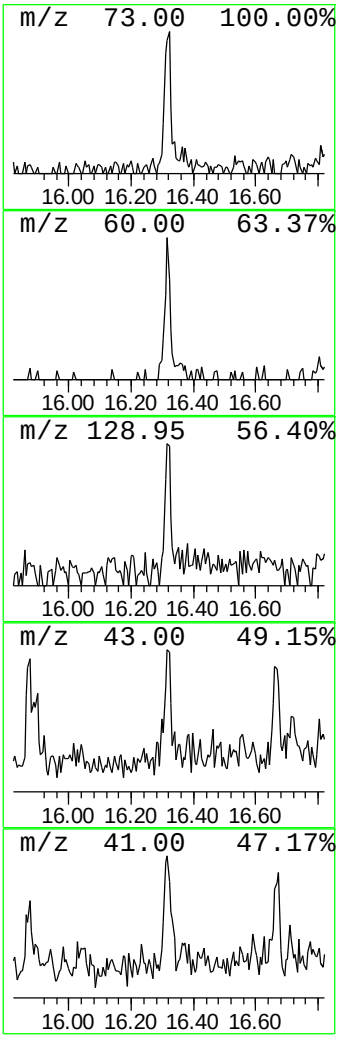
Peak Number 6 Tetradecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.34 ng/ul	73421	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





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Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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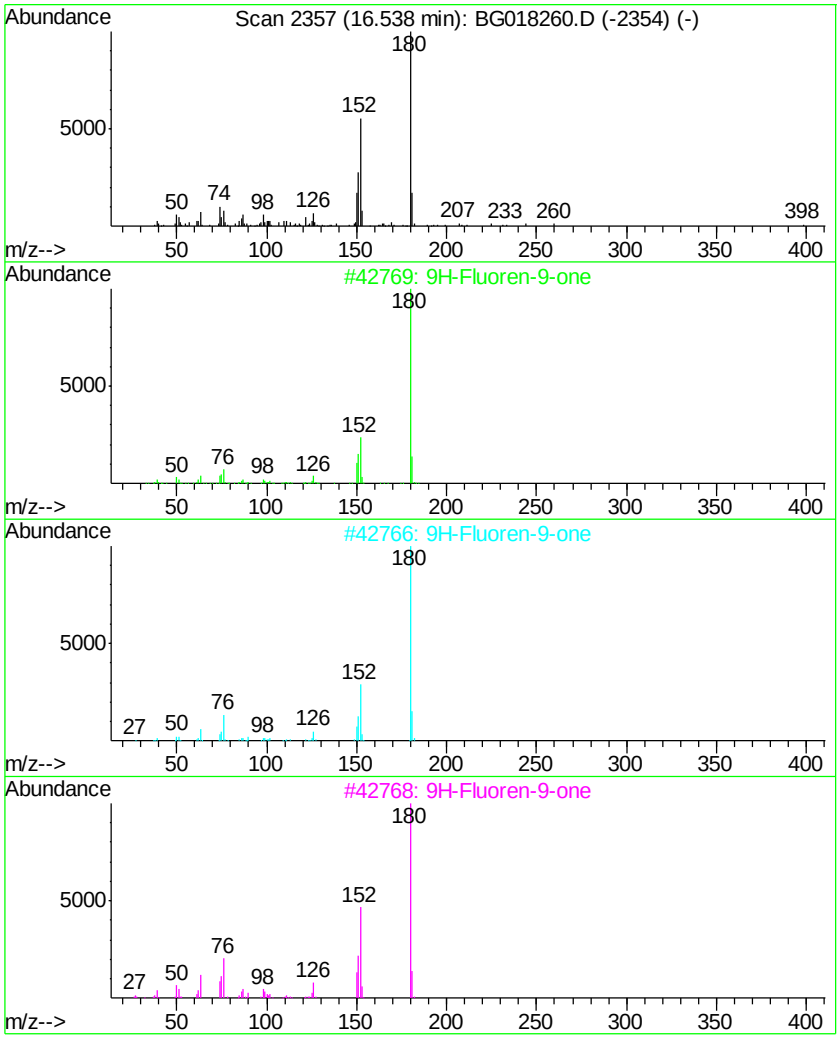
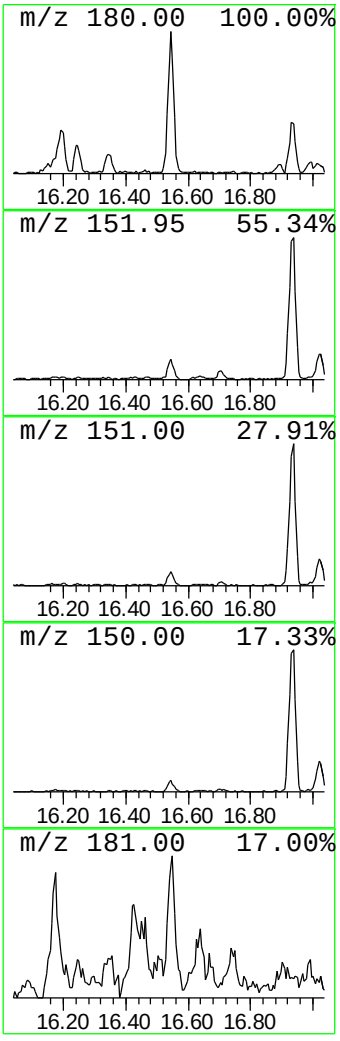
Peak Number 7 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	4.35 ng/ul	136434	Phenanthrene-d10	16.89

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	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83





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Sample : G3109-11
Misc :
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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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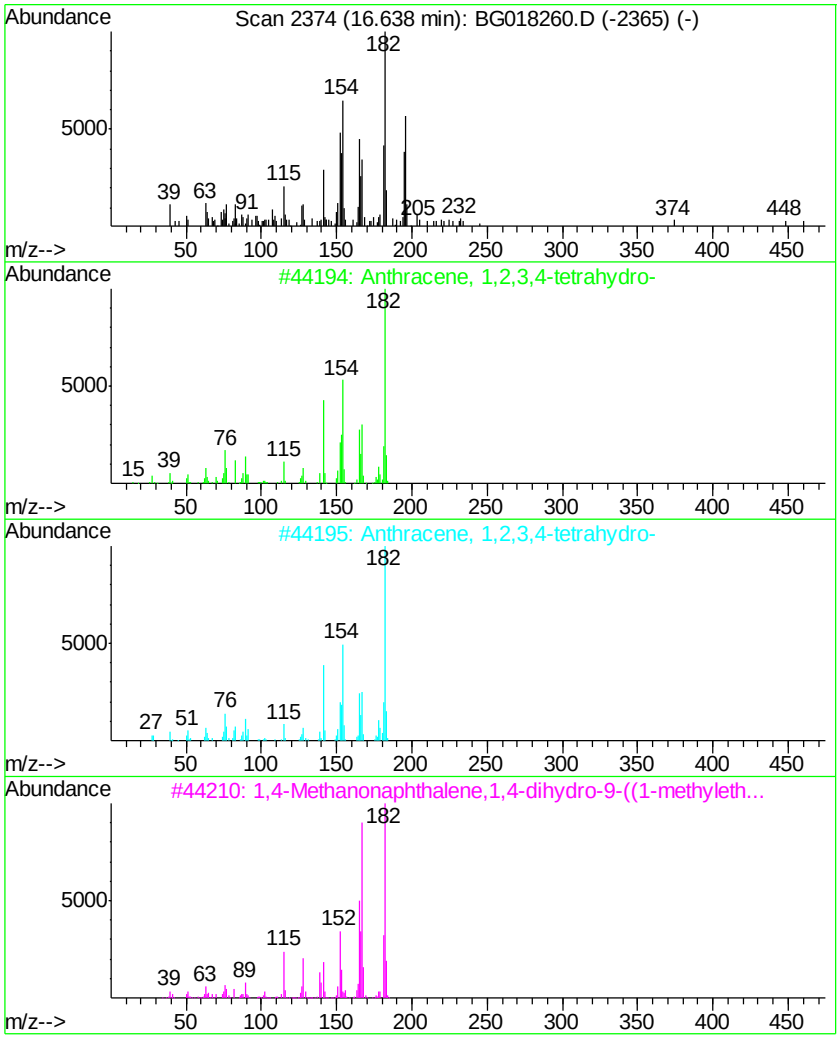
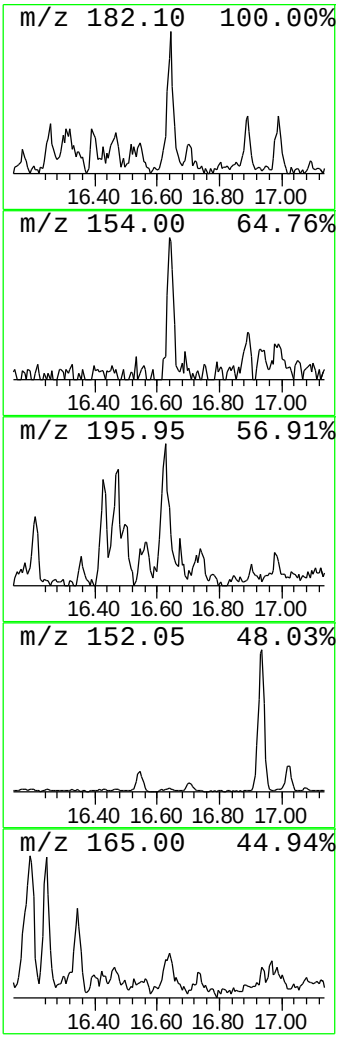
Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	3.36 ng/ul	105499	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	58
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	49
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	46
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	45
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	38





Library Search Compound Report

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Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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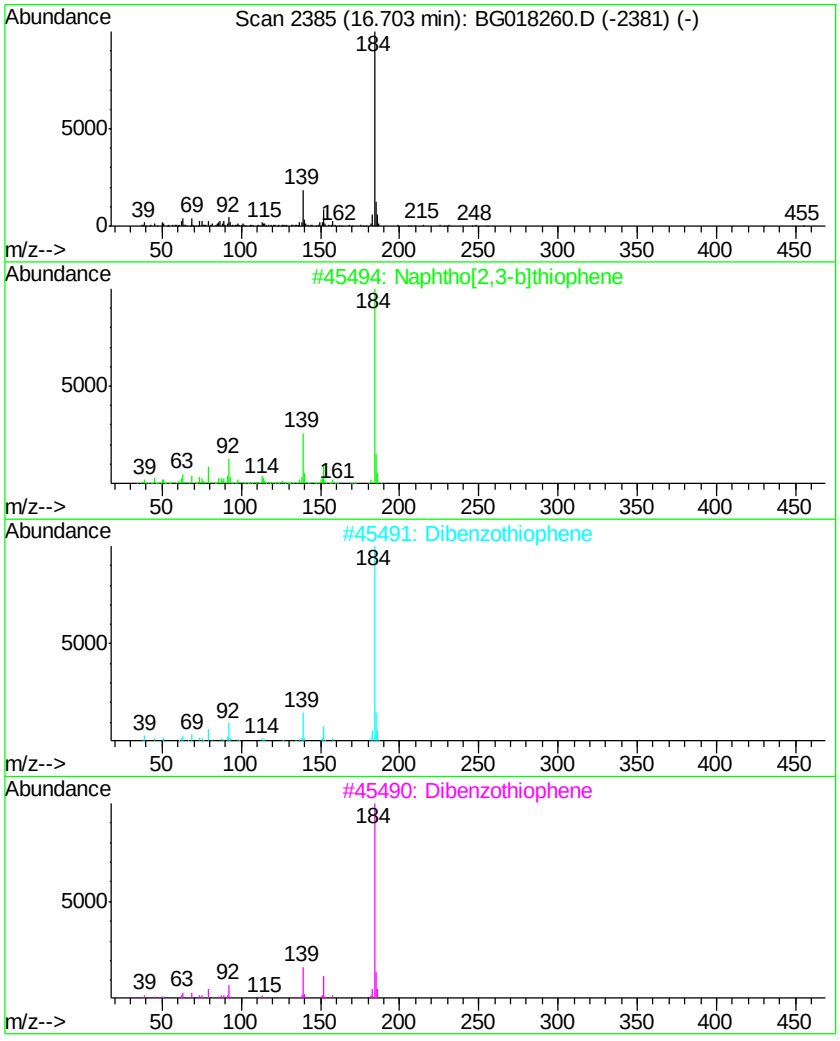
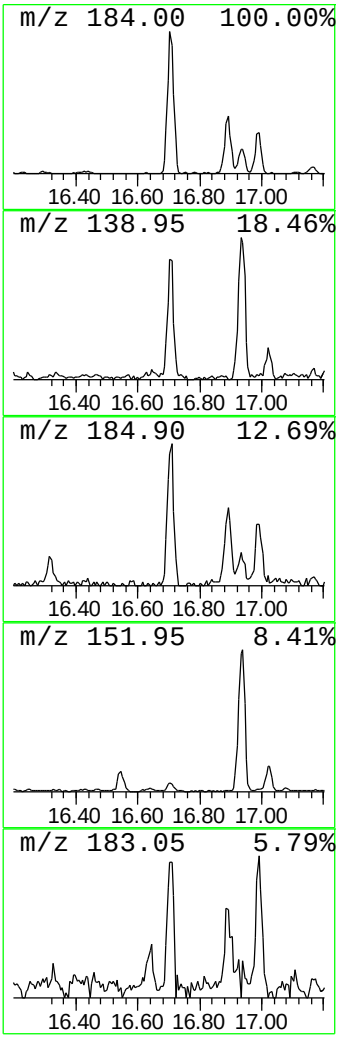
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	7.56 ng/ul	237160	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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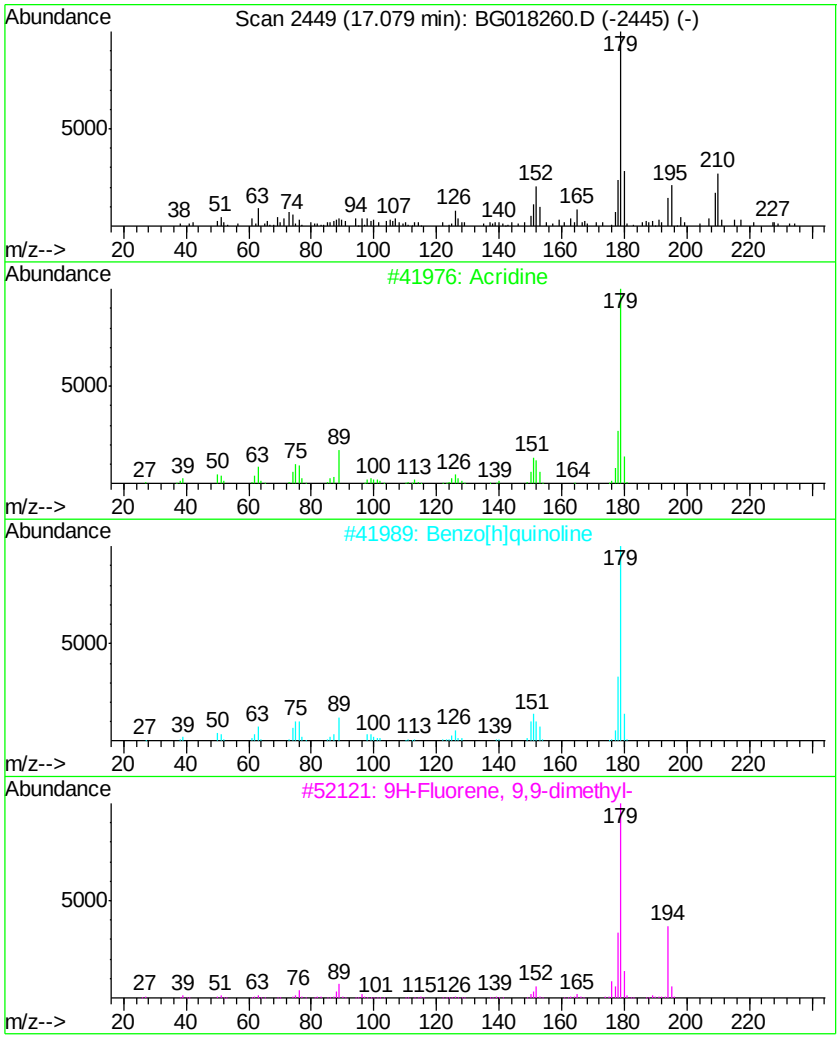
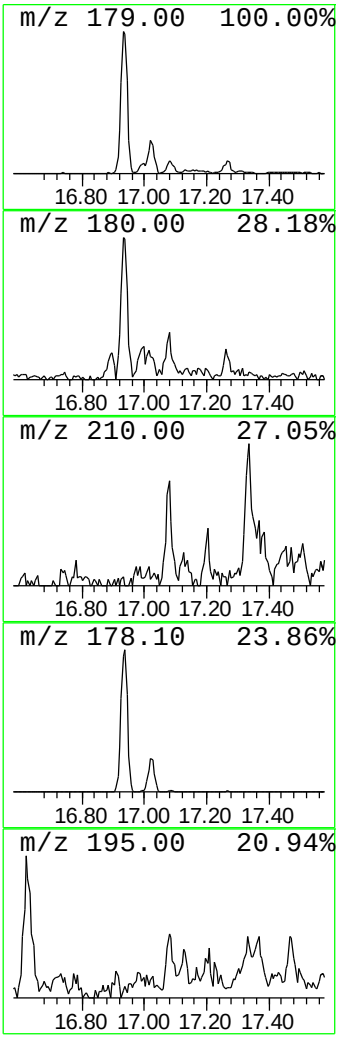
Peak Number 10 Acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	2.33 ng/ul	73056	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	53
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	49
3	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	47
4	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	47
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	46





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Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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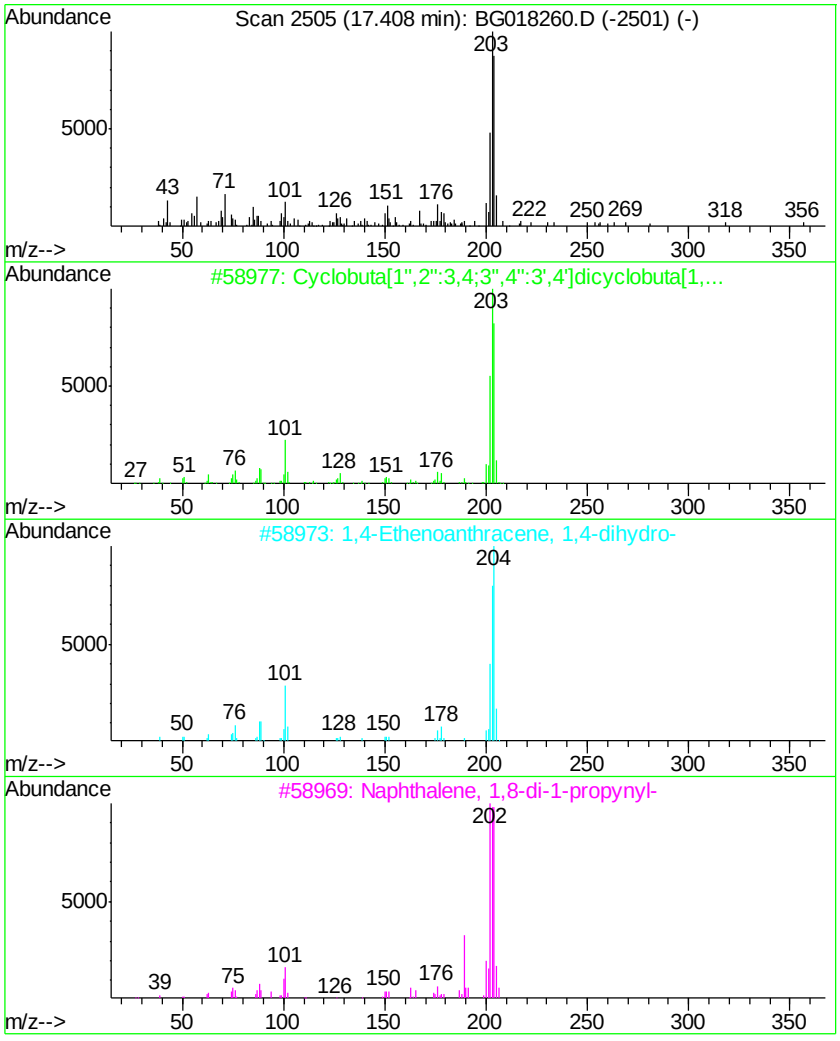
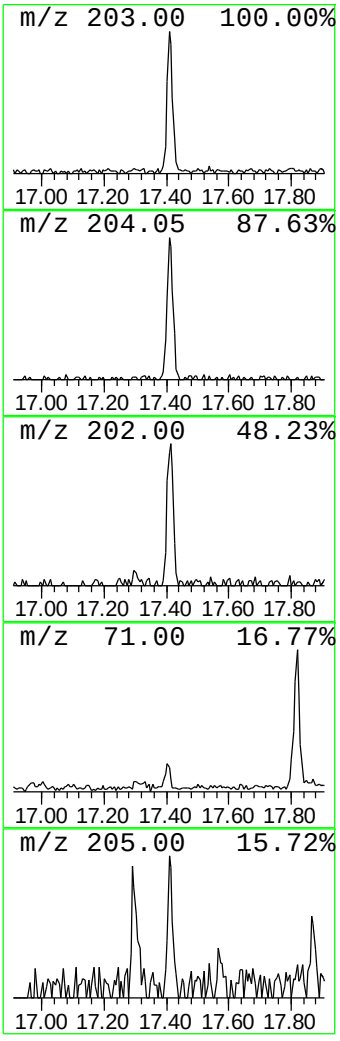
Peak Number 11 Cyclobuta[1'',2'':3,4;3'',4... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	3.09 ng/ul	97096	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	70
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	70
3	Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	68
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	62
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	62





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Acq On : 4 Aug 2015 19:30
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Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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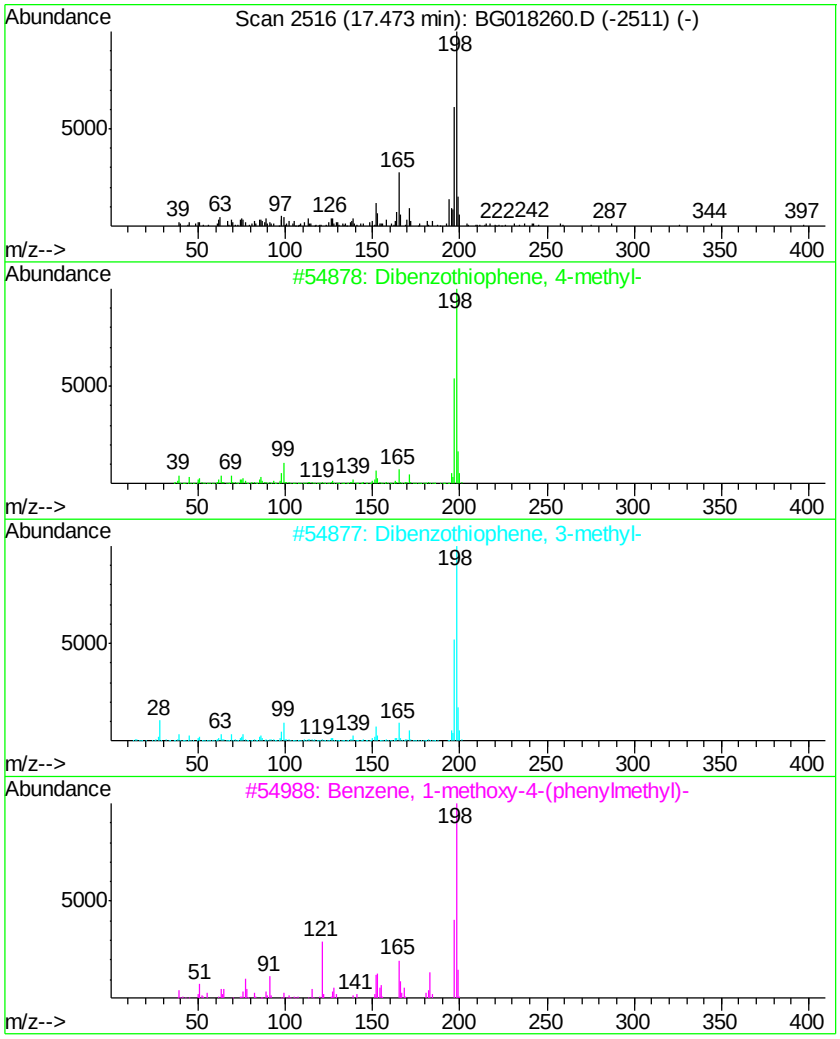
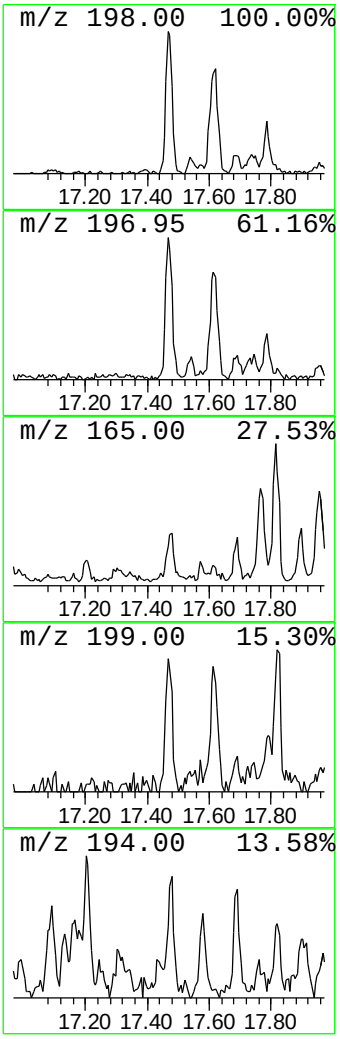
Peak Number 12 Dibenzothiophene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	4.42 ng/ul	138541	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	72
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	58
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	53





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Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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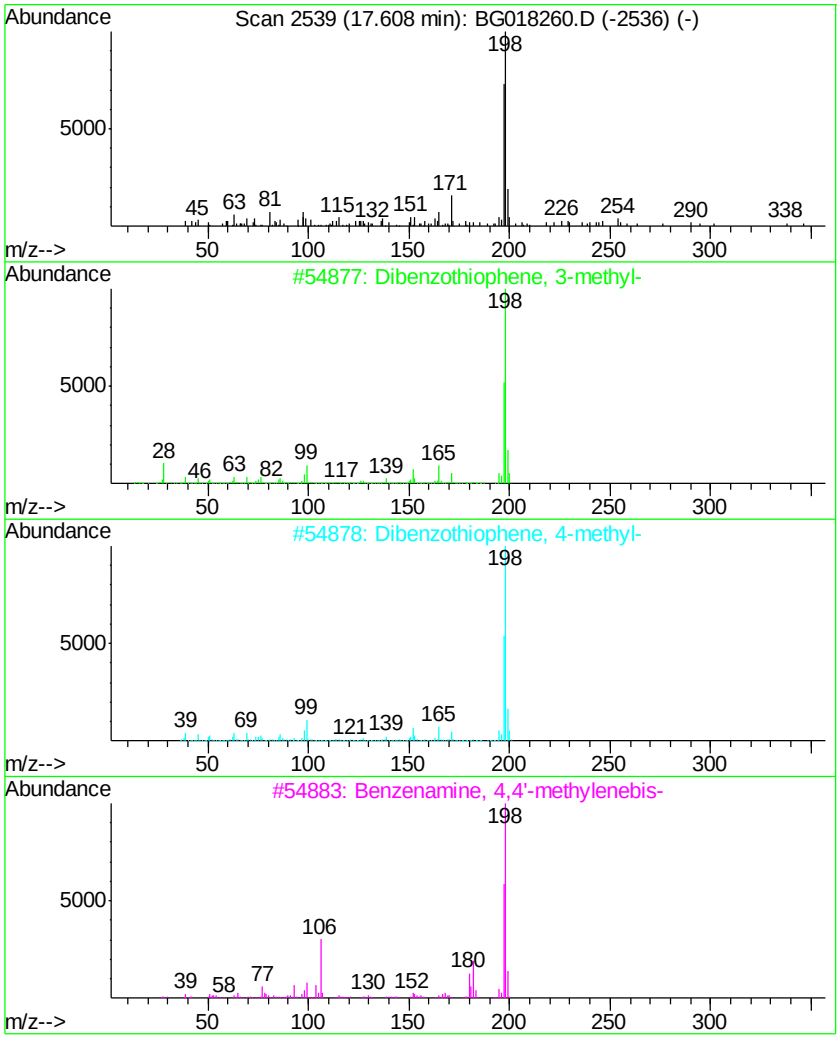
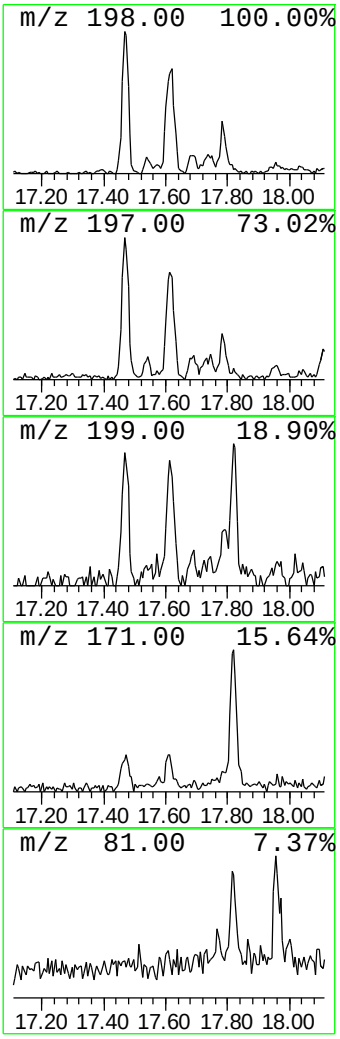
Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.86 ng/ul	89640	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	80
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64





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Sample : G3109-11
Misc :
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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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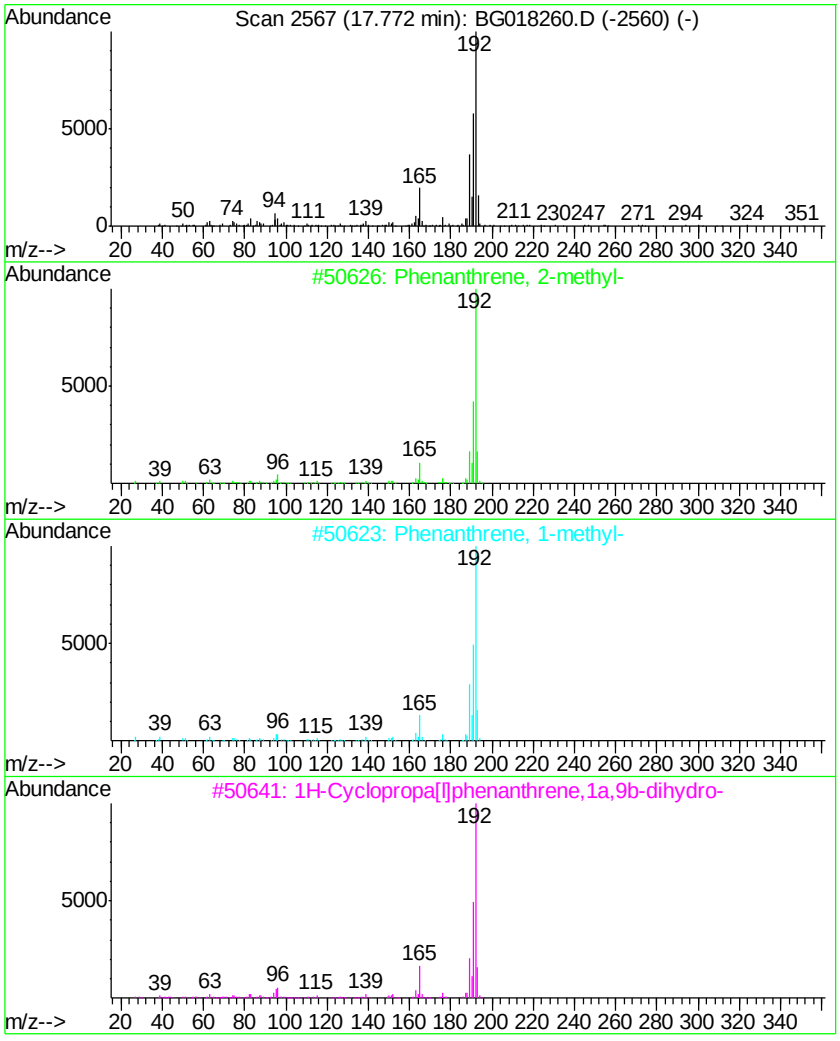
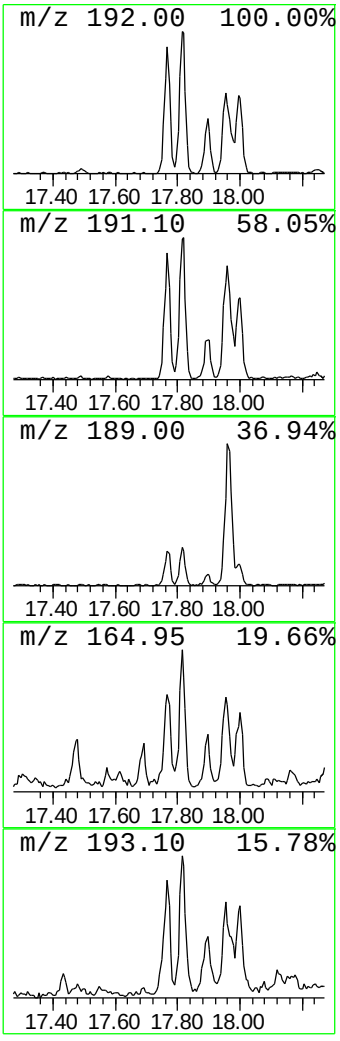
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	10.81 ng/ul	339146	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Misc :
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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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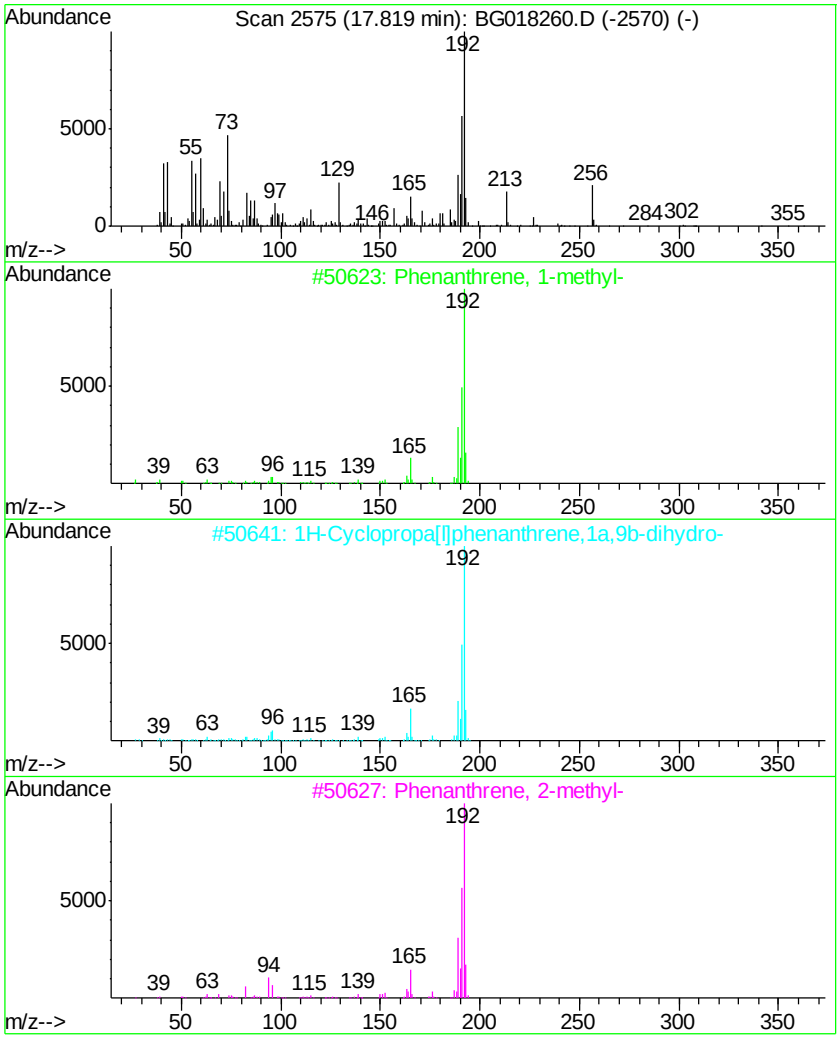
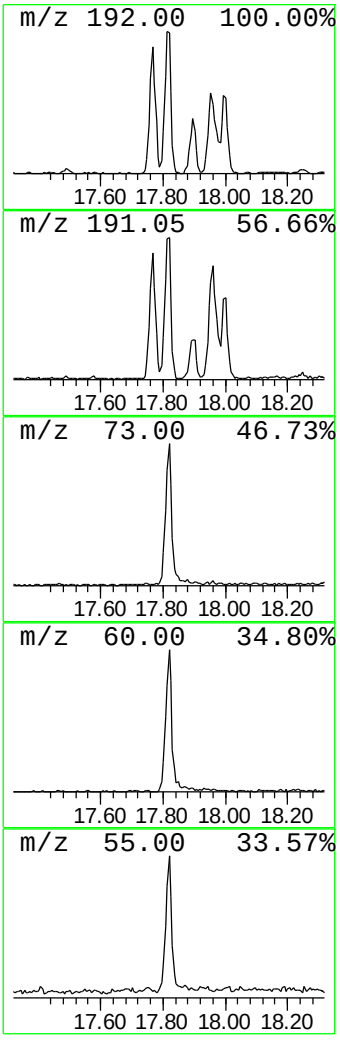
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	31.63 ng/ul	992580	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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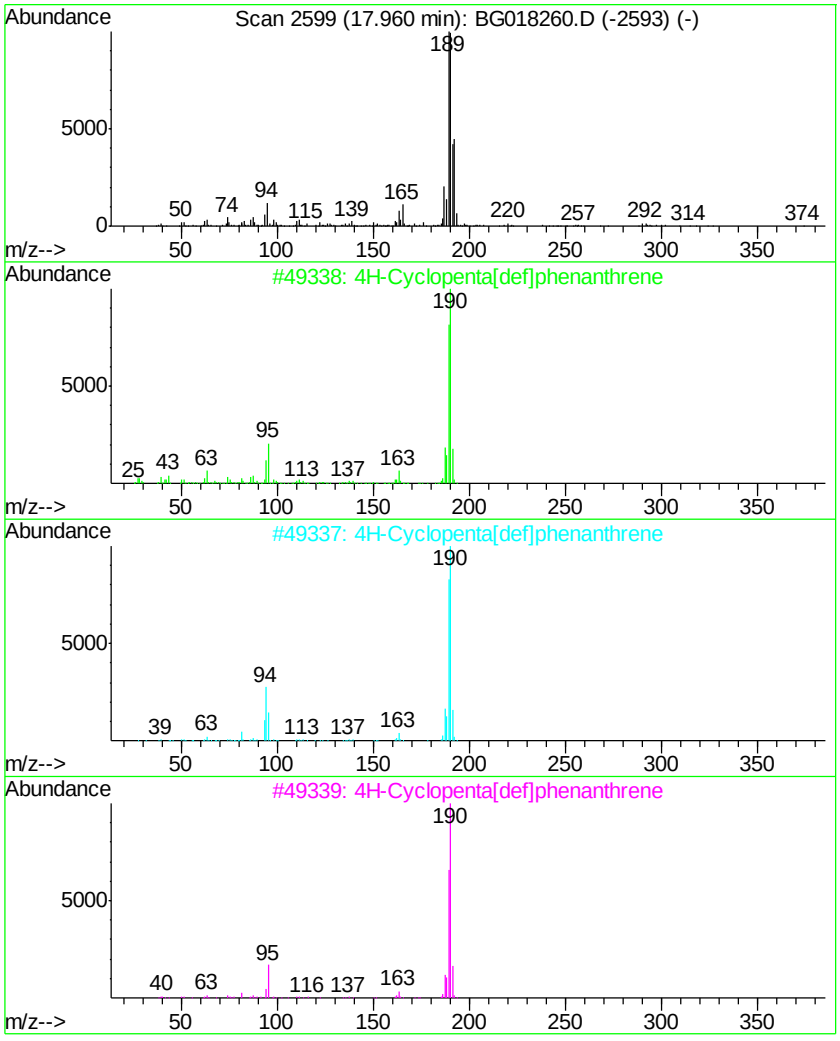
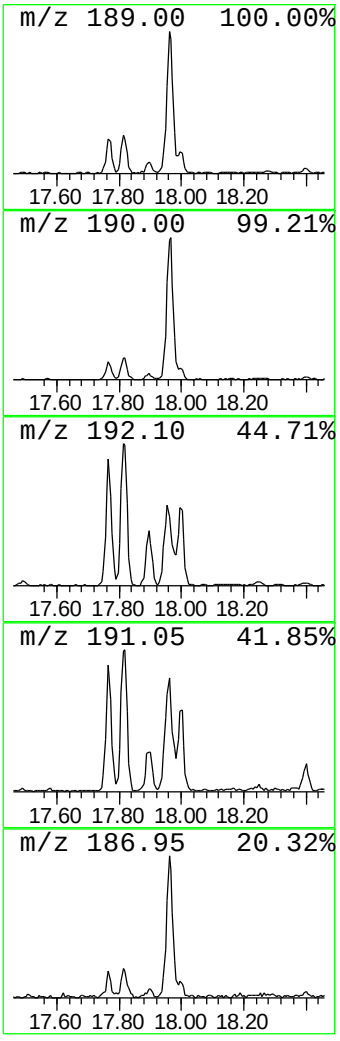
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	21.82 ng/ul	684590	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Megastigmatrienone	190	C13H18O	038818-55-2	14





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ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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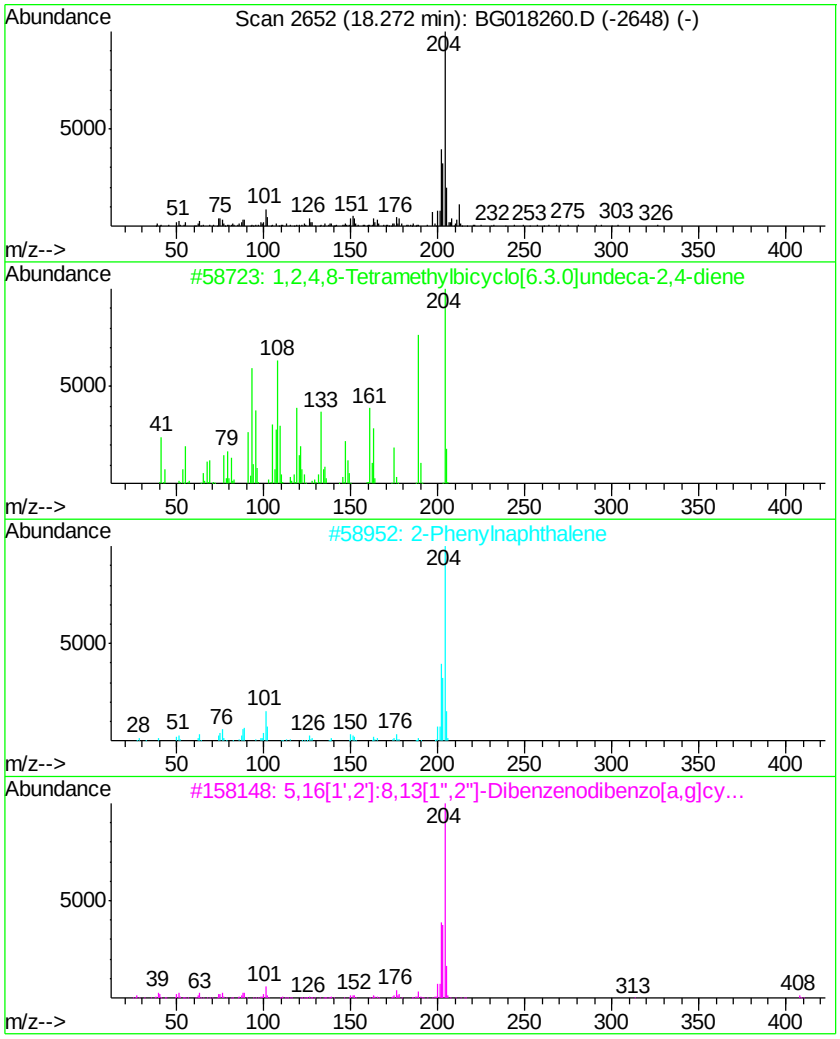
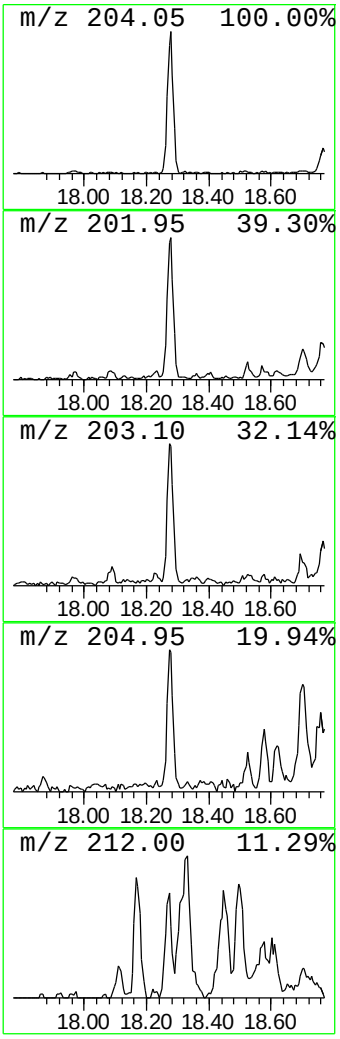
Peak Number 18 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	7.11 ng/ul	223080	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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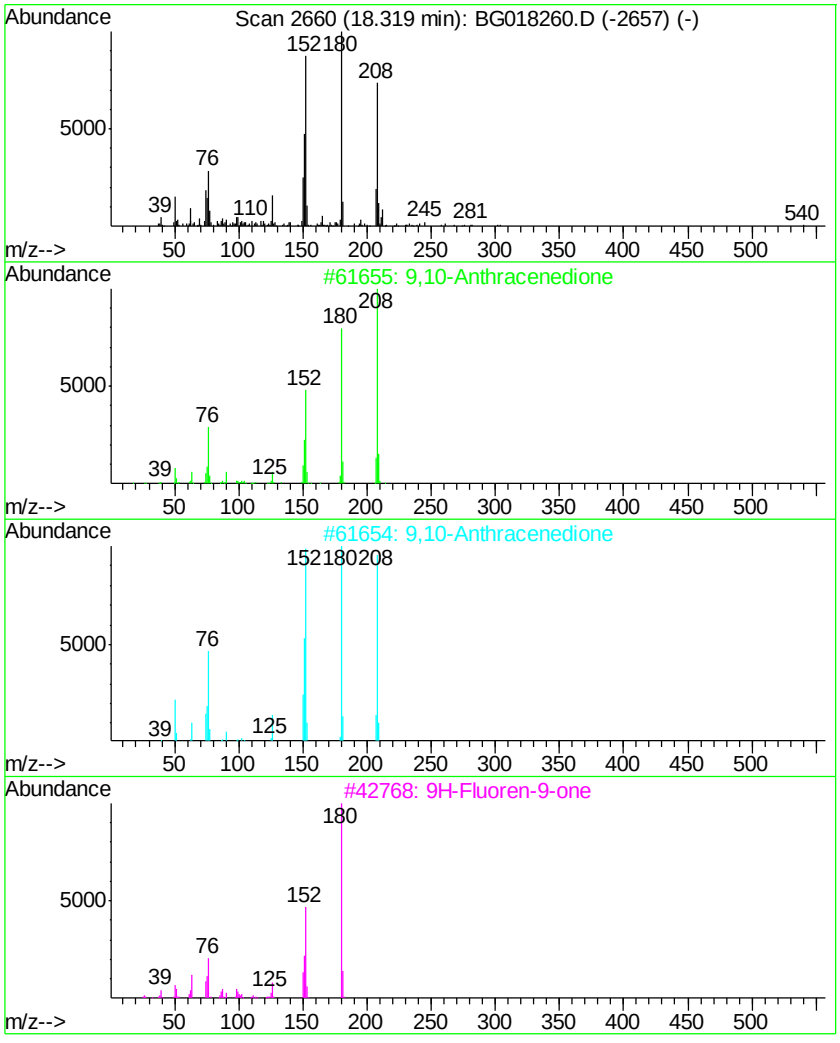
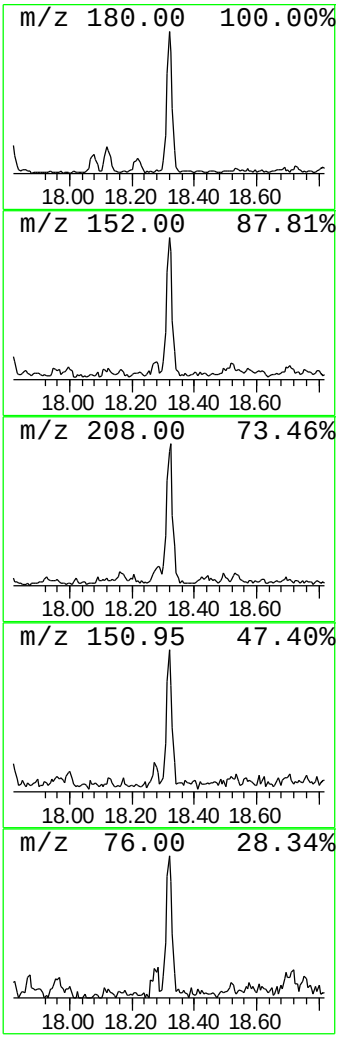
Peak Number 19 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.76 ng/ul	212193	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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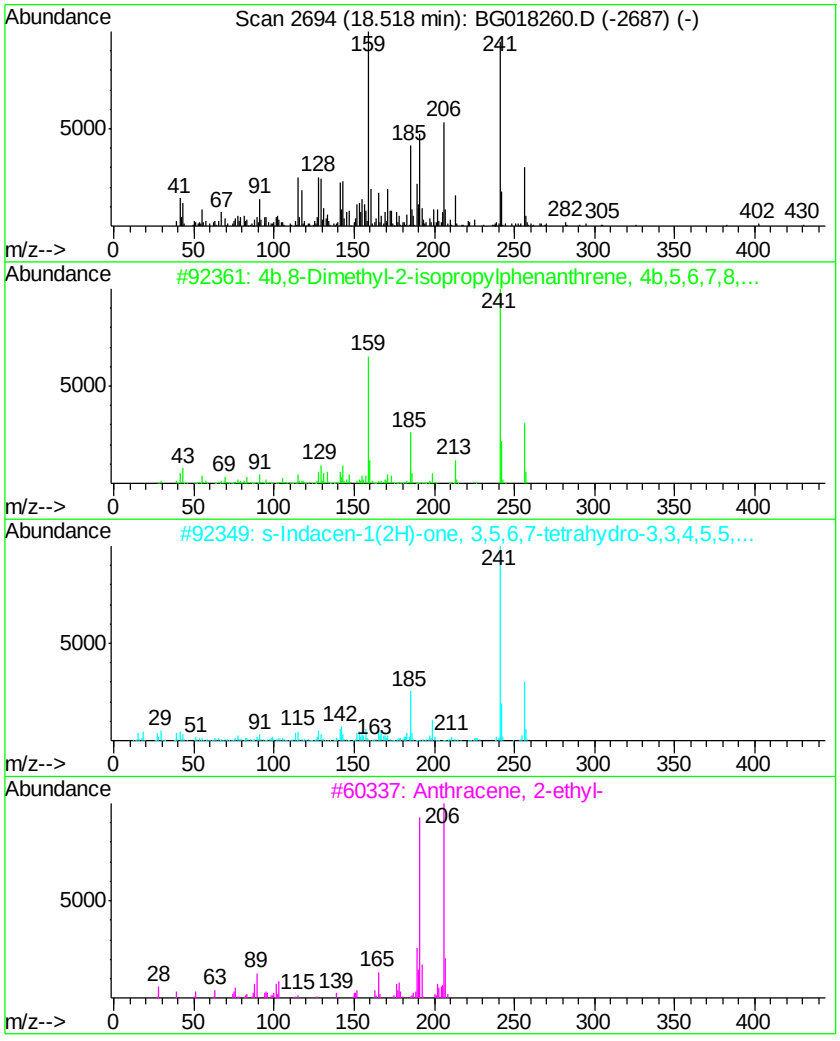
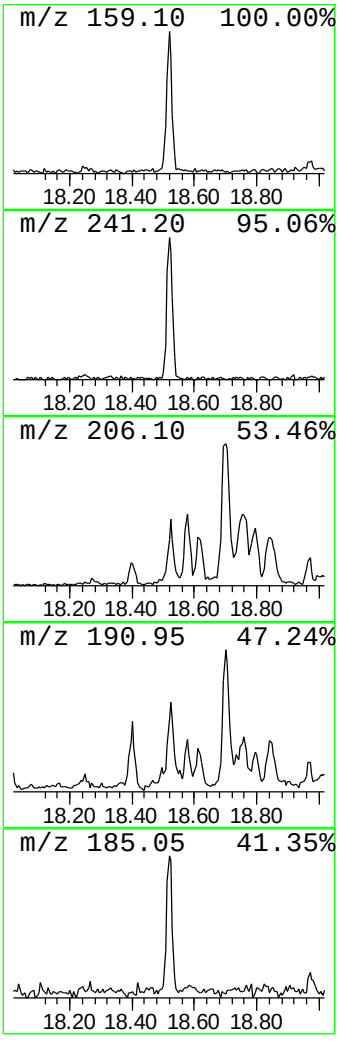
Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	10.13 ng/ul	317737	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	25
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	18





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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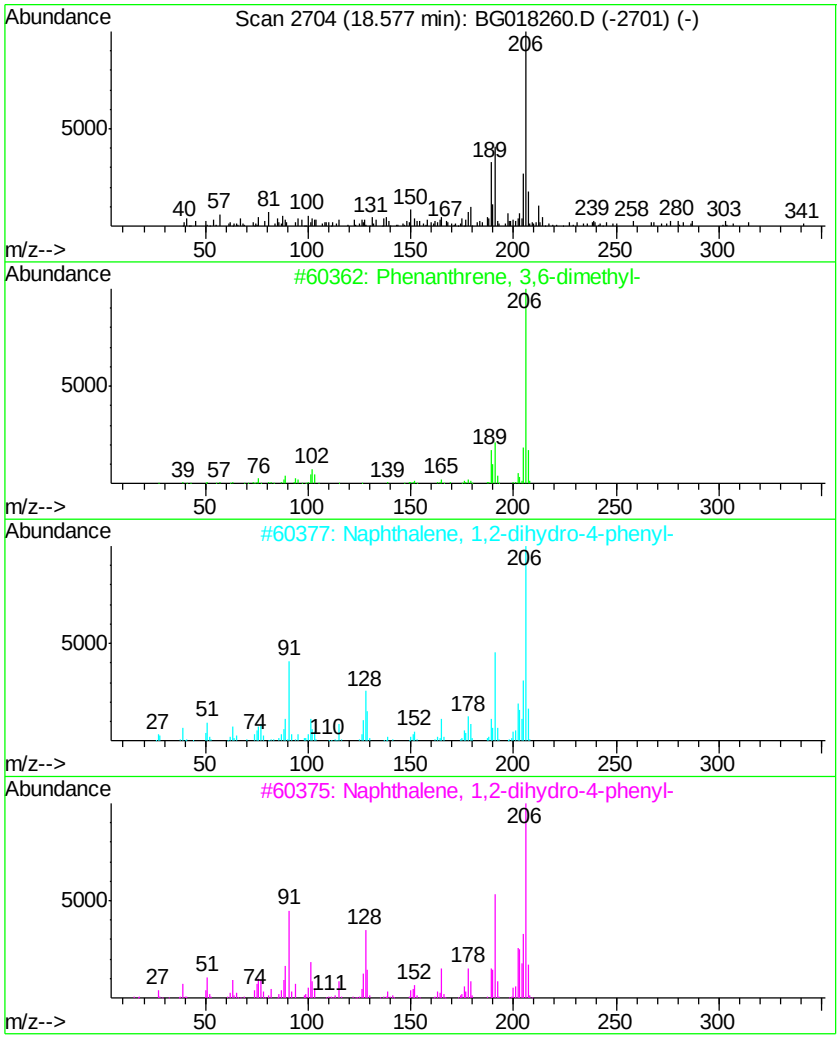
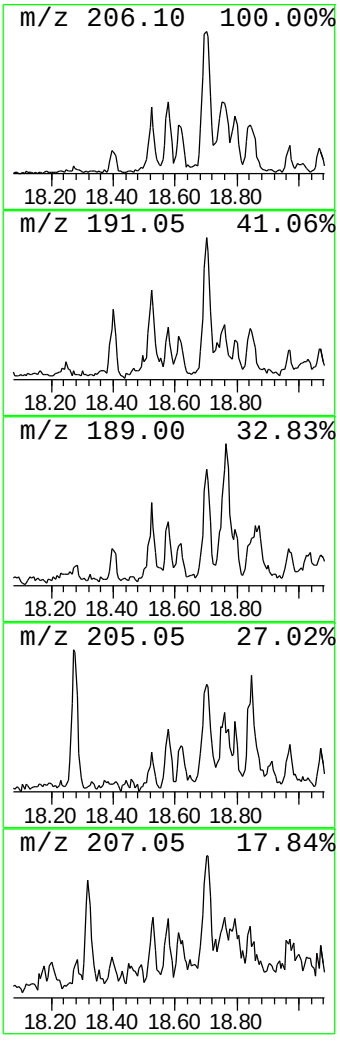
Peak Number 21 Phenanthrene, 3,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.07 ng/ul	65047	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76





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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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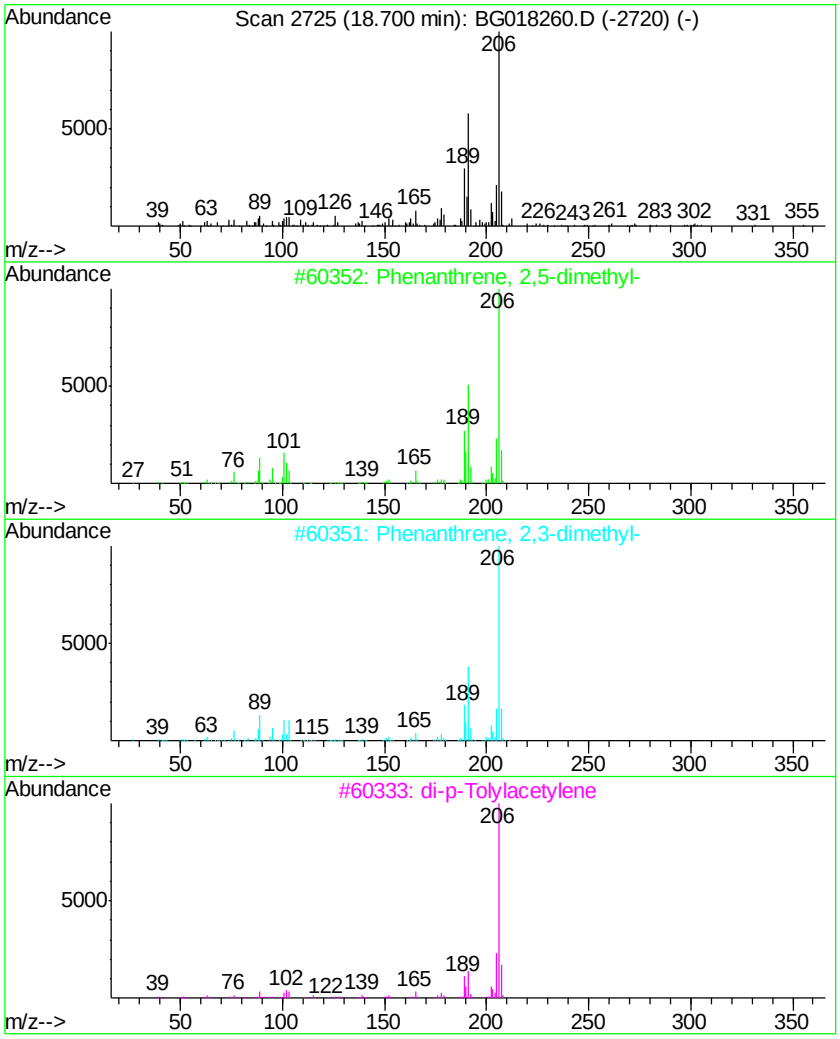
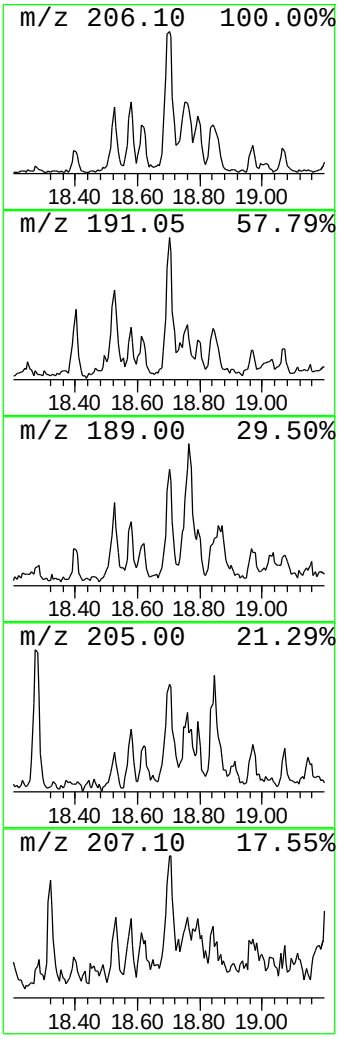
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	7.66 ng/ul	240484	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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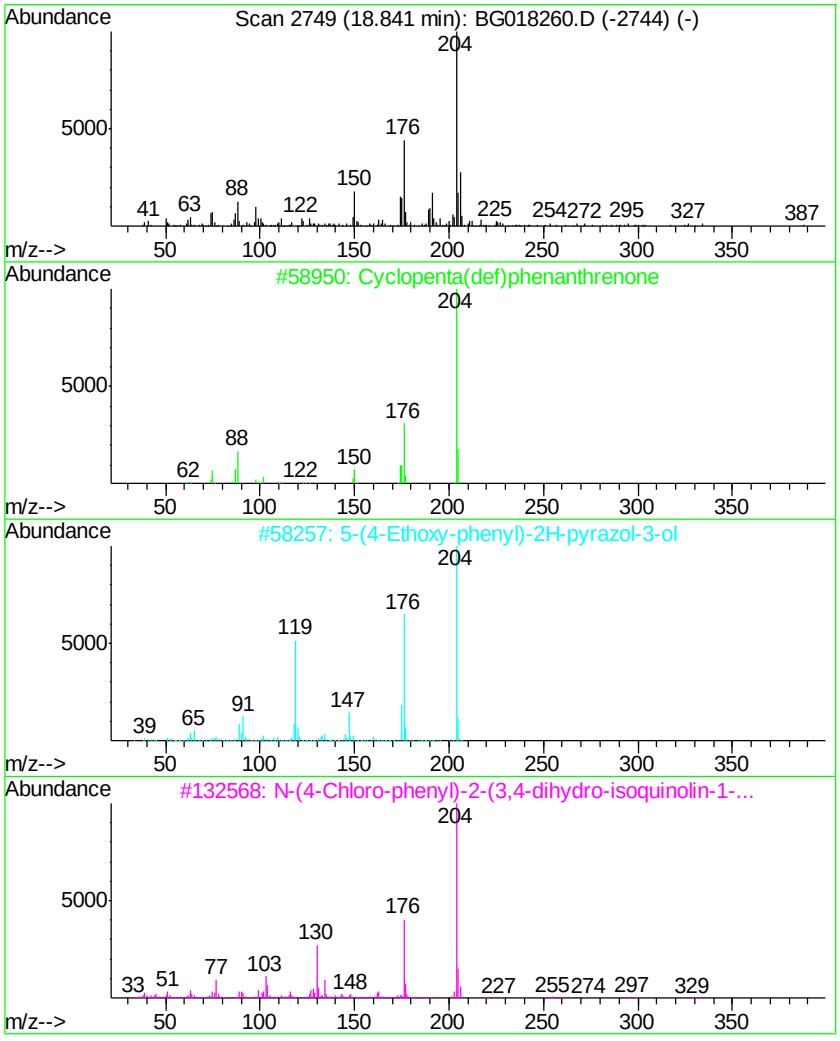
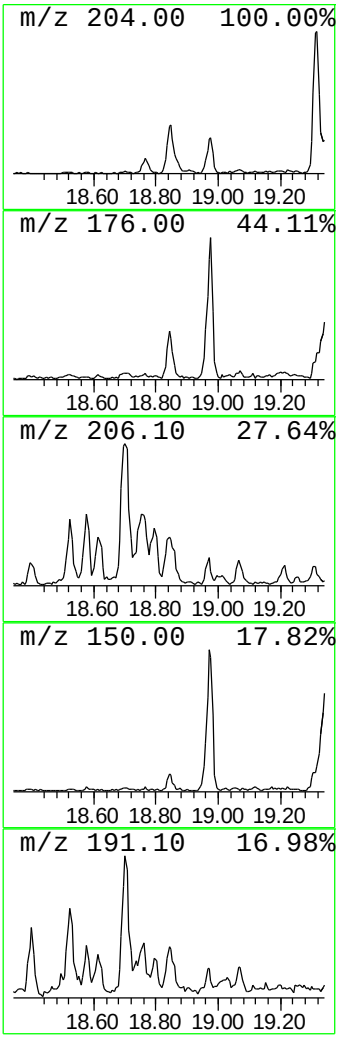
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	7.63 ng/ul	239542	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	52
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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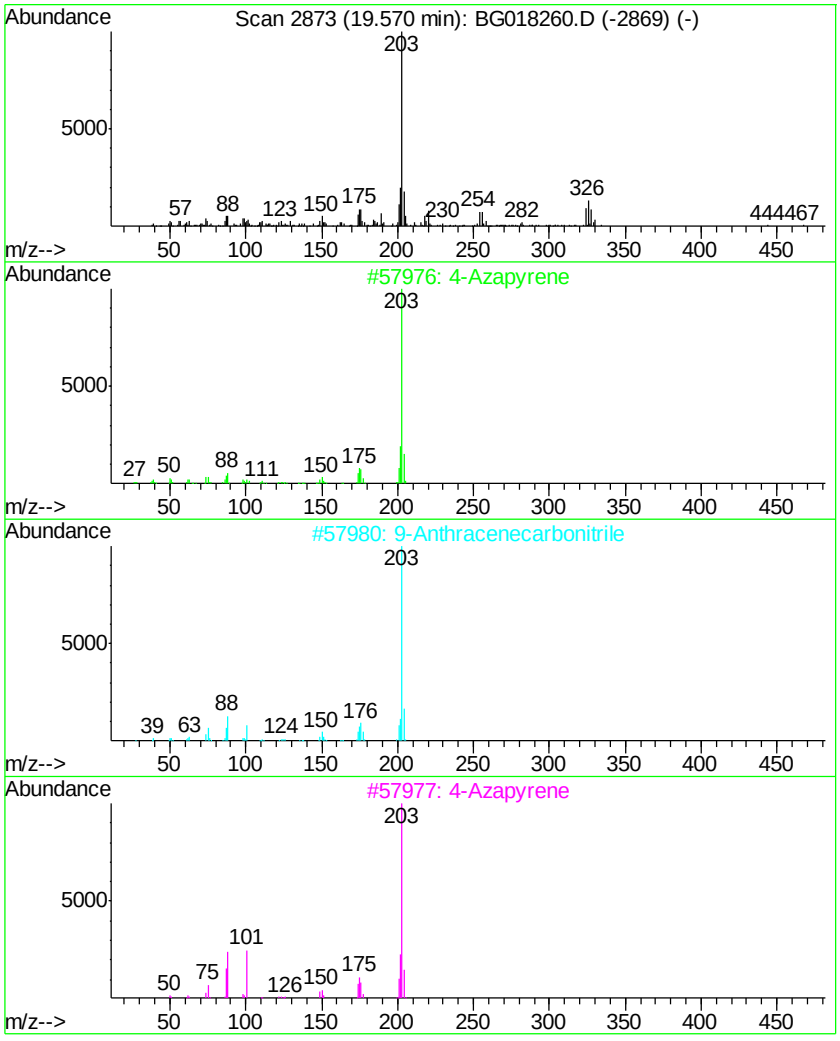
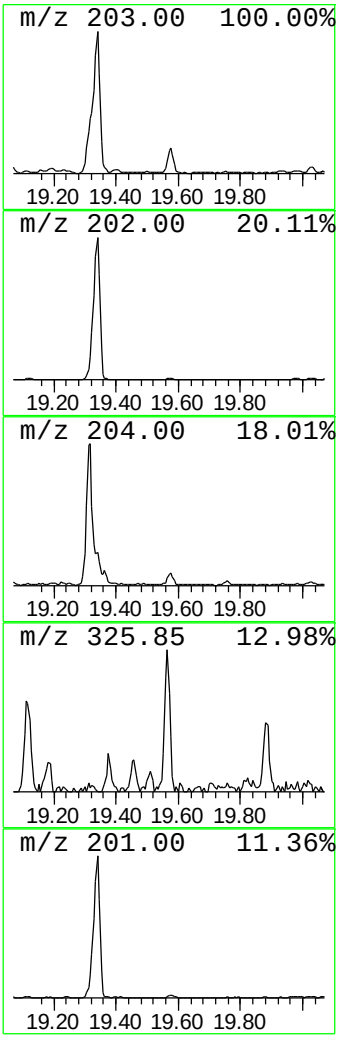
Peak Number 24 4-Azapyrene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.14 ng/ul	265830	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	94
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	83
3	4-Azapyrene	203	C15H9N	000194-03-6	76
4	Acenaphtho(1,2-B)pyridine	203	C15H9N	000206-49-5	70
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	70





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Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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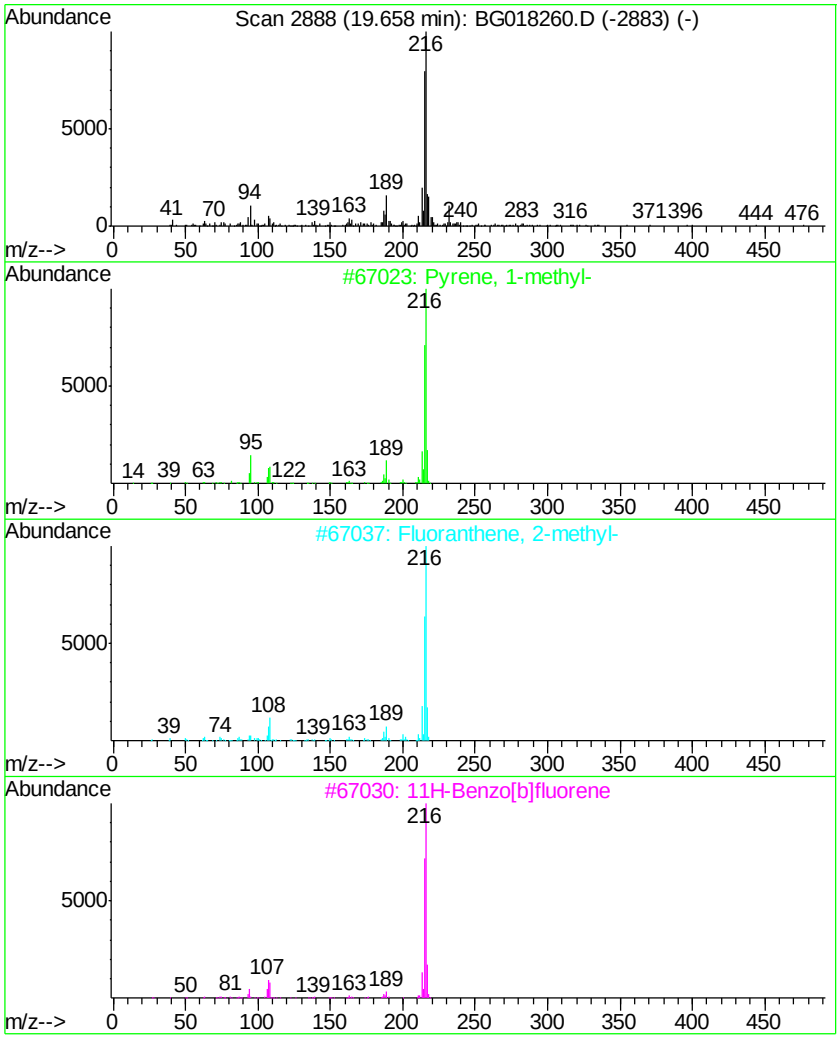
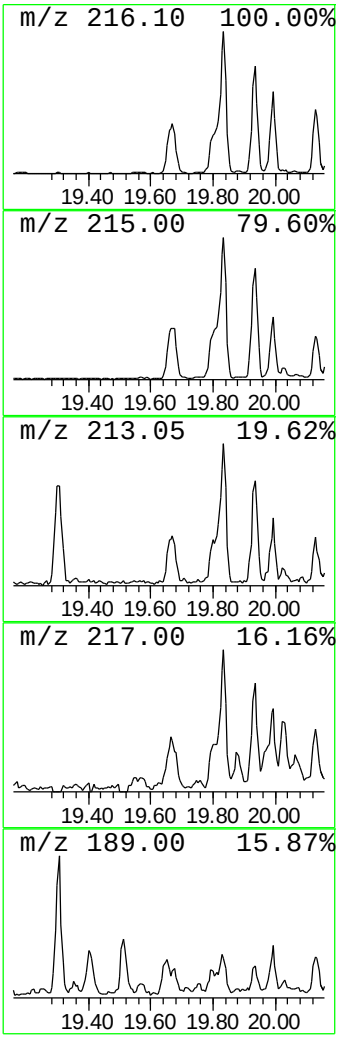
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	3.05 ng/ul	378445	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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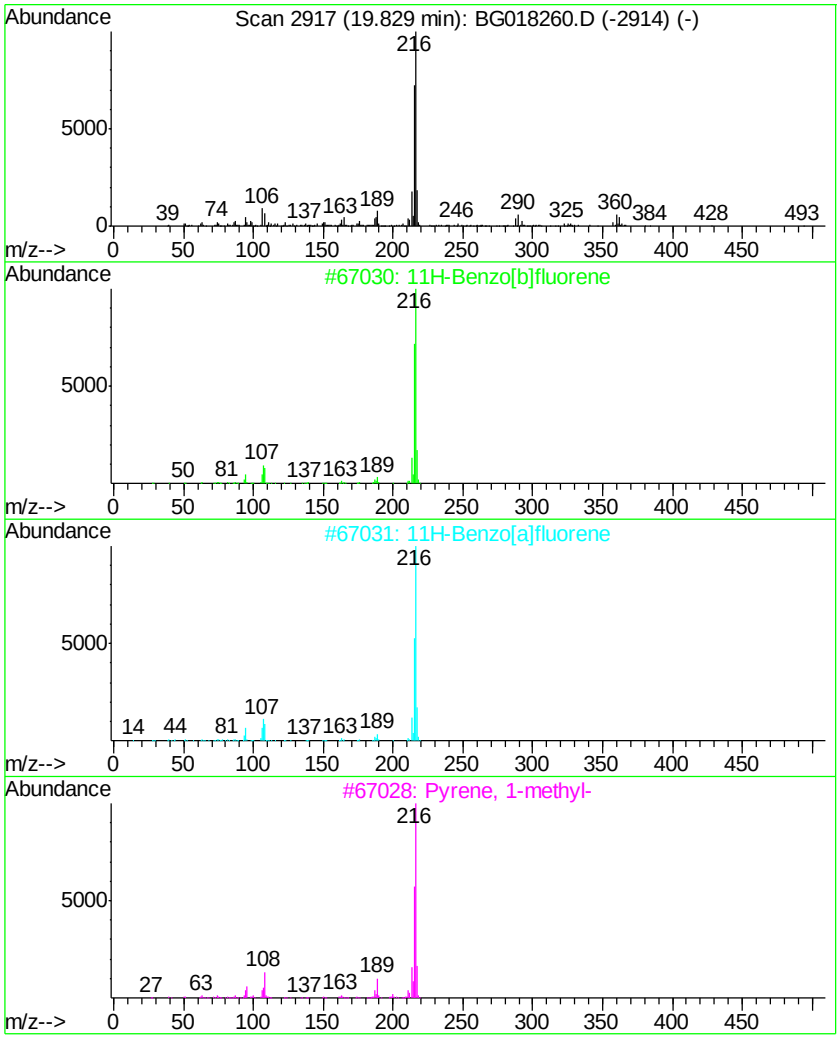
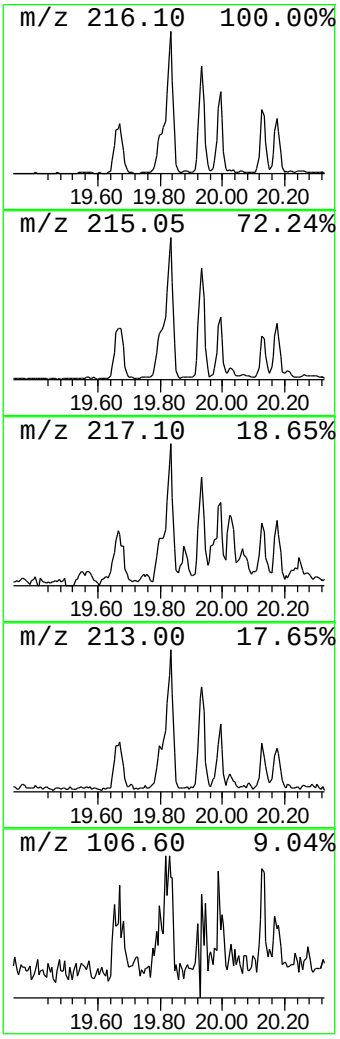
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	4.35 ng/ul	539716	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Misc :
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Instrument : BNA_G
ClientSampleId : C02L4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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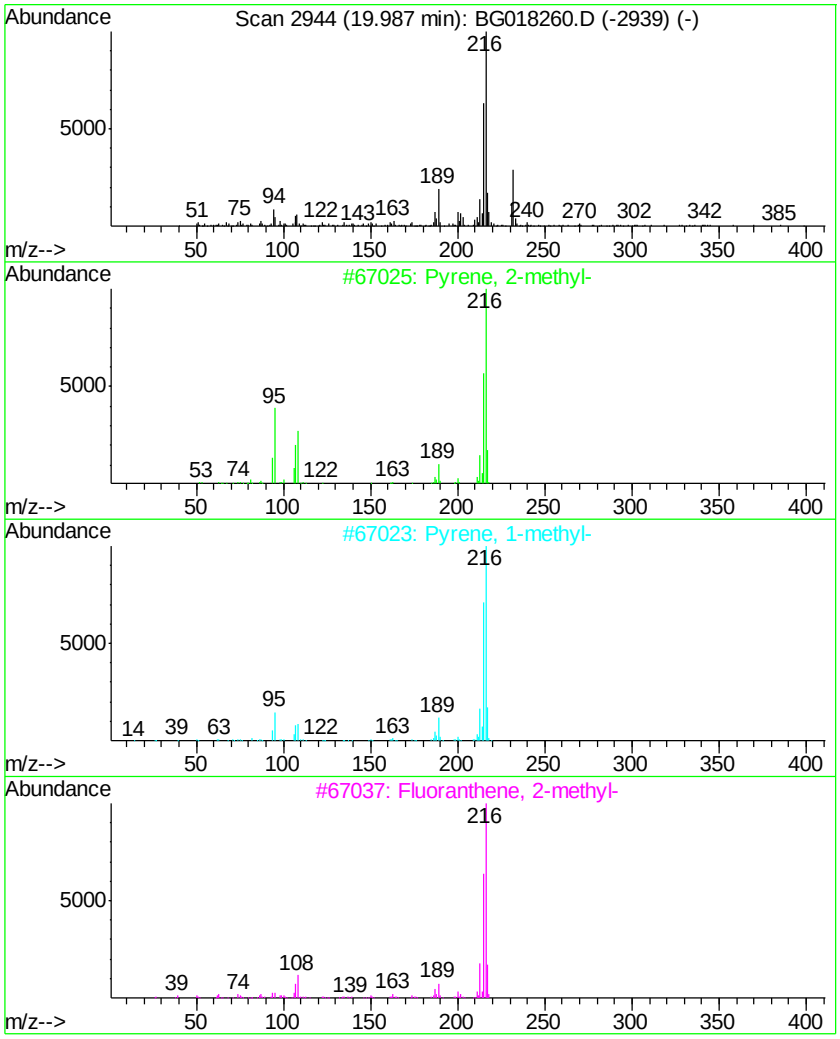
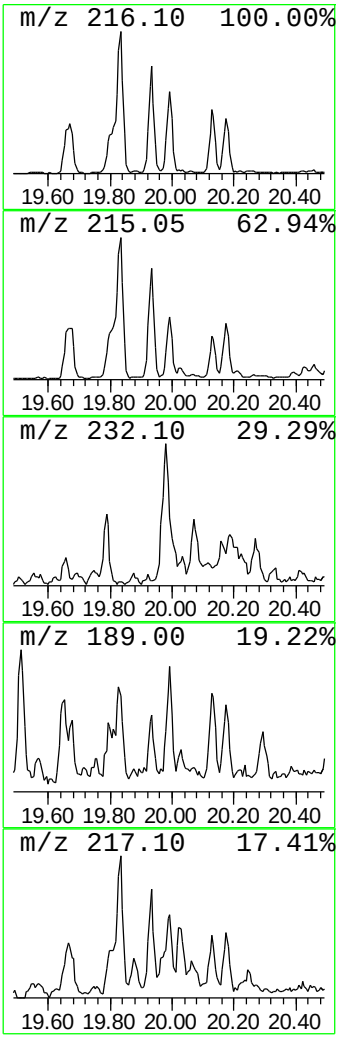
Peak Number 28 Pyrene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.76 ng/ul	342475	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Library Search Compound Report

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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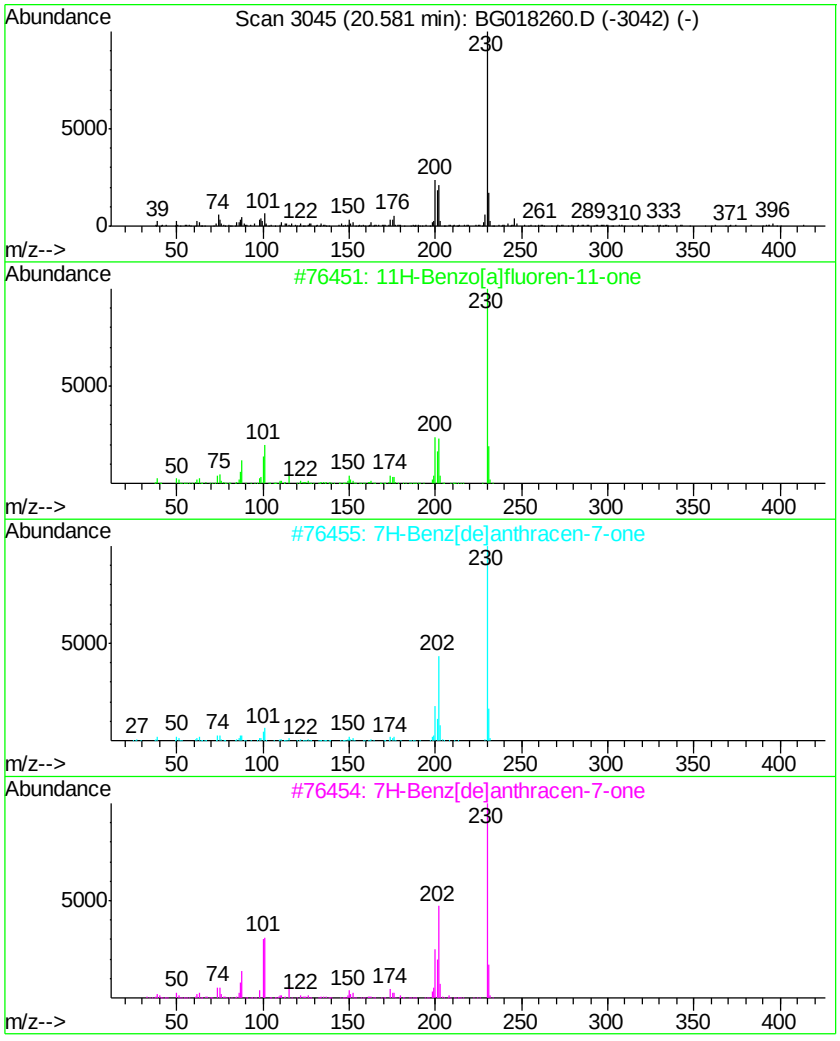
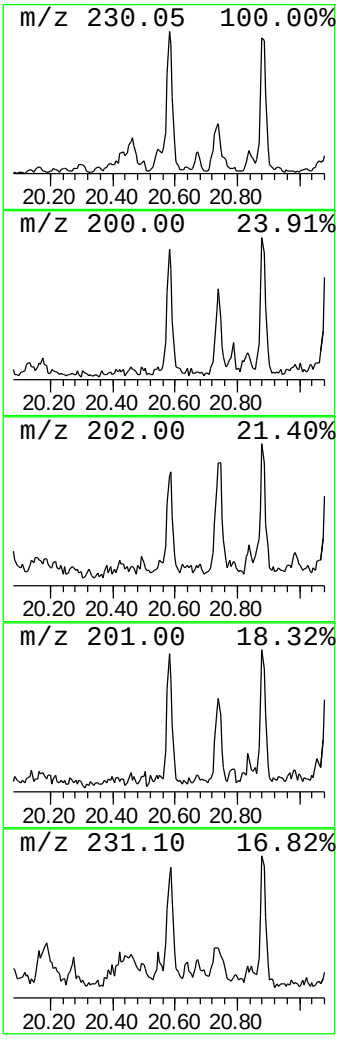
Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	2.24 ng/ul	278412	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	m-Terphenyl	230	C18H14	000092-06-8	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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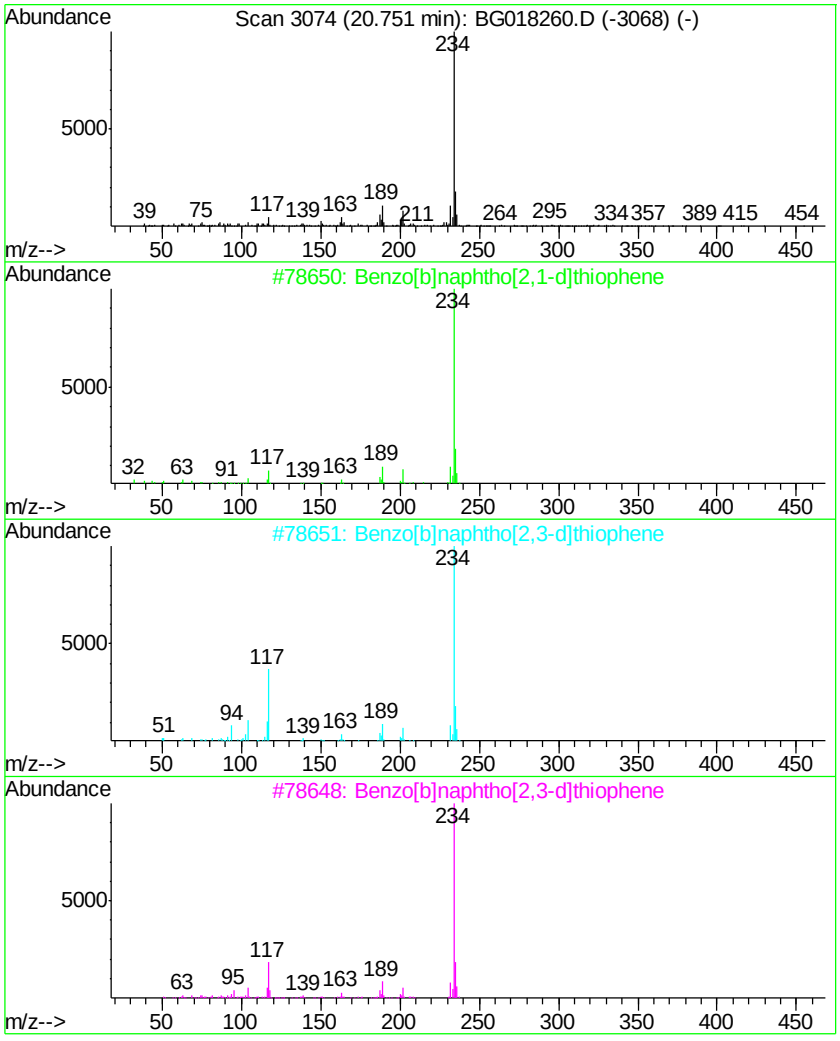
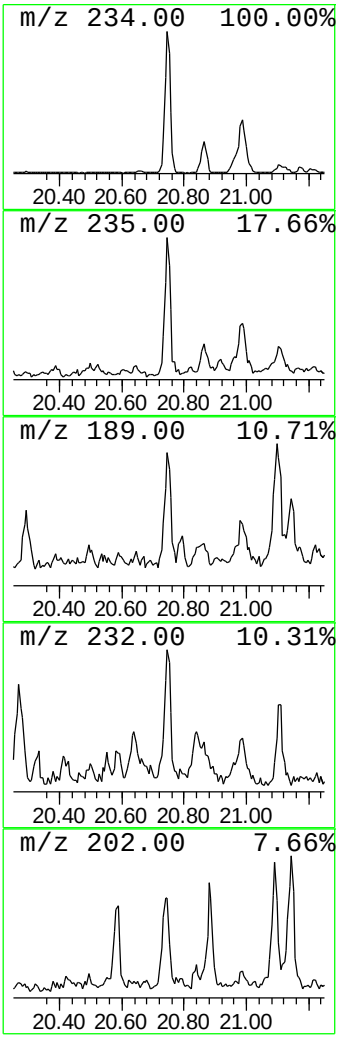
Peak Number 30 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	3.47 ng/ul	429895	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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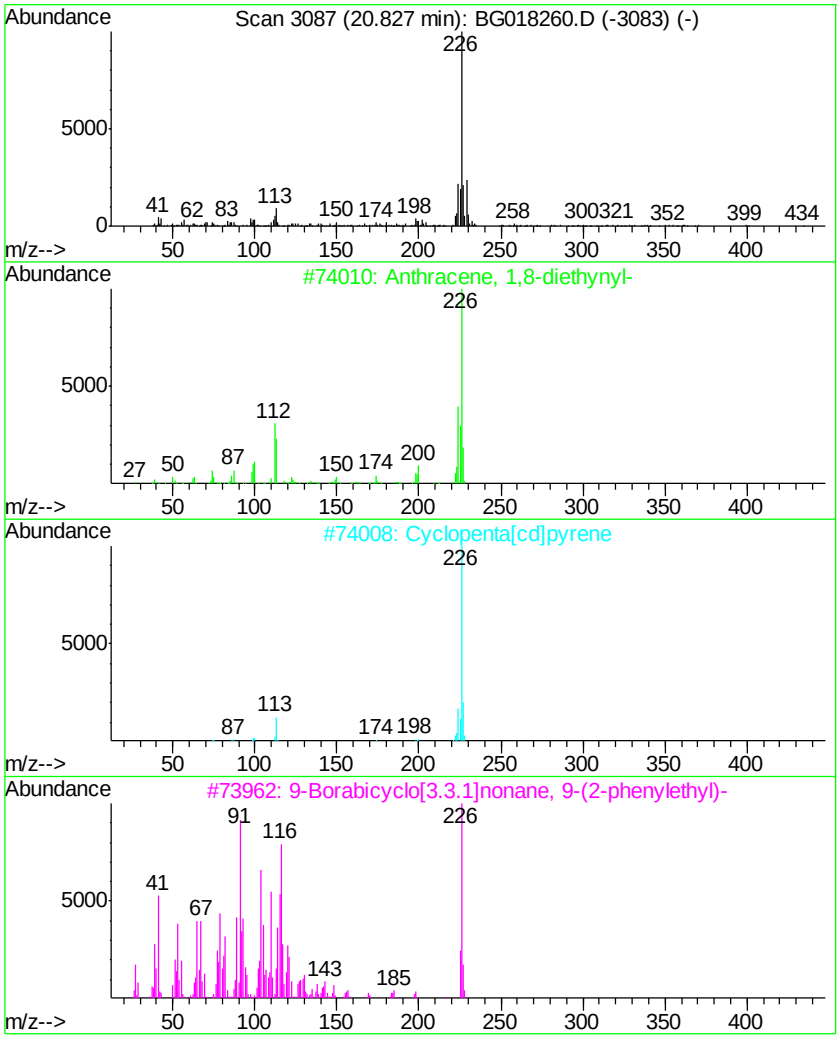
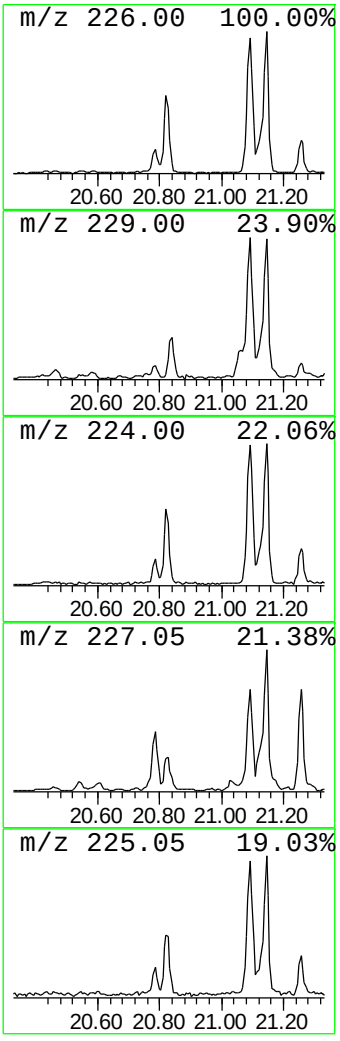
Peak Number 31 Anthracene, 1,8-diethynyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.26 ng/ul	404376	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43





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Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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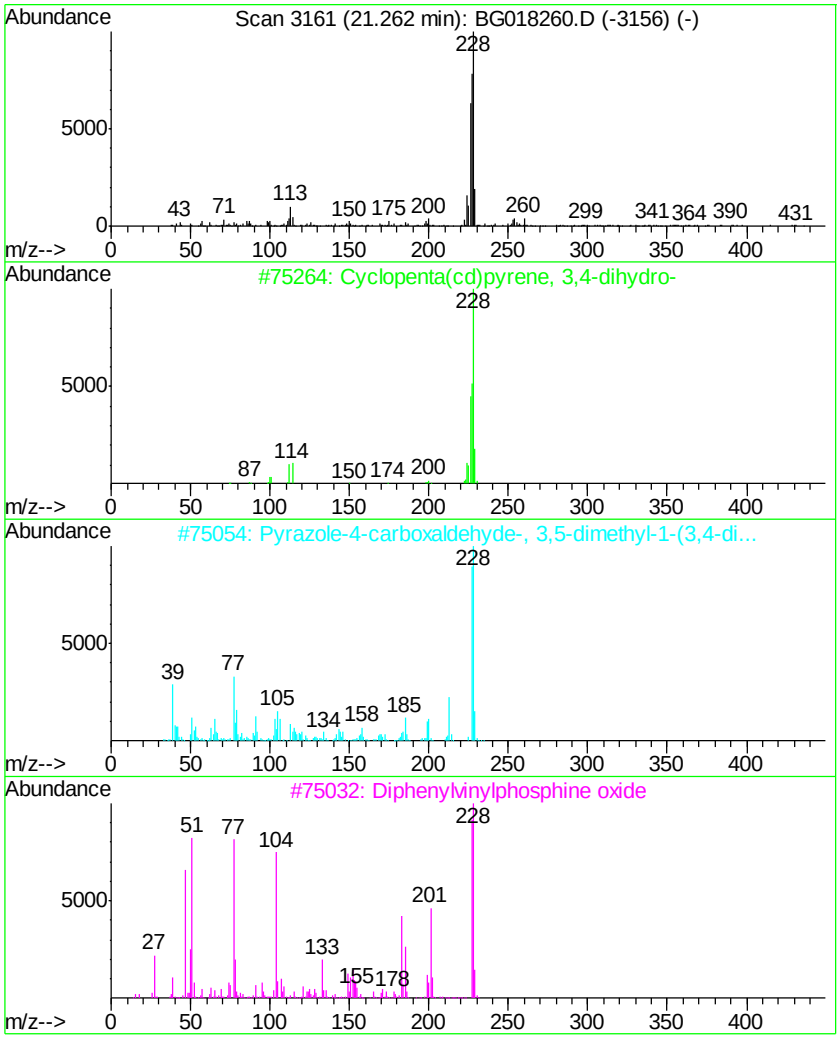
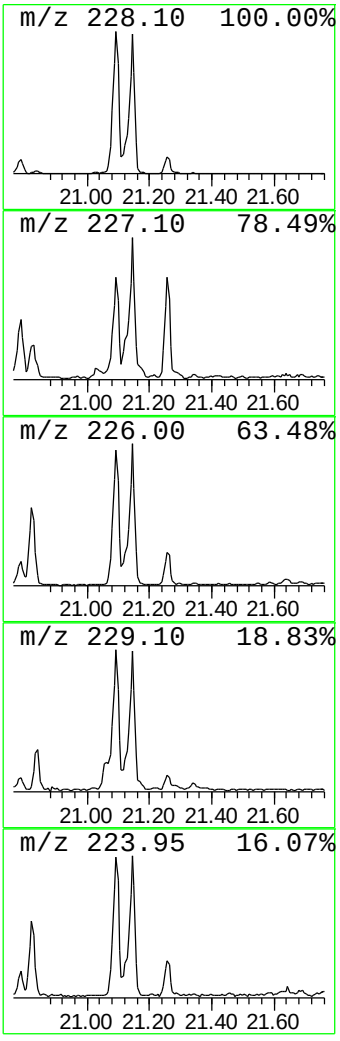
Peak Number 33 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.64 ng/ul	327307	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	53
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	53
4	Triphenylene	228	C18H12	000217-59-4	45
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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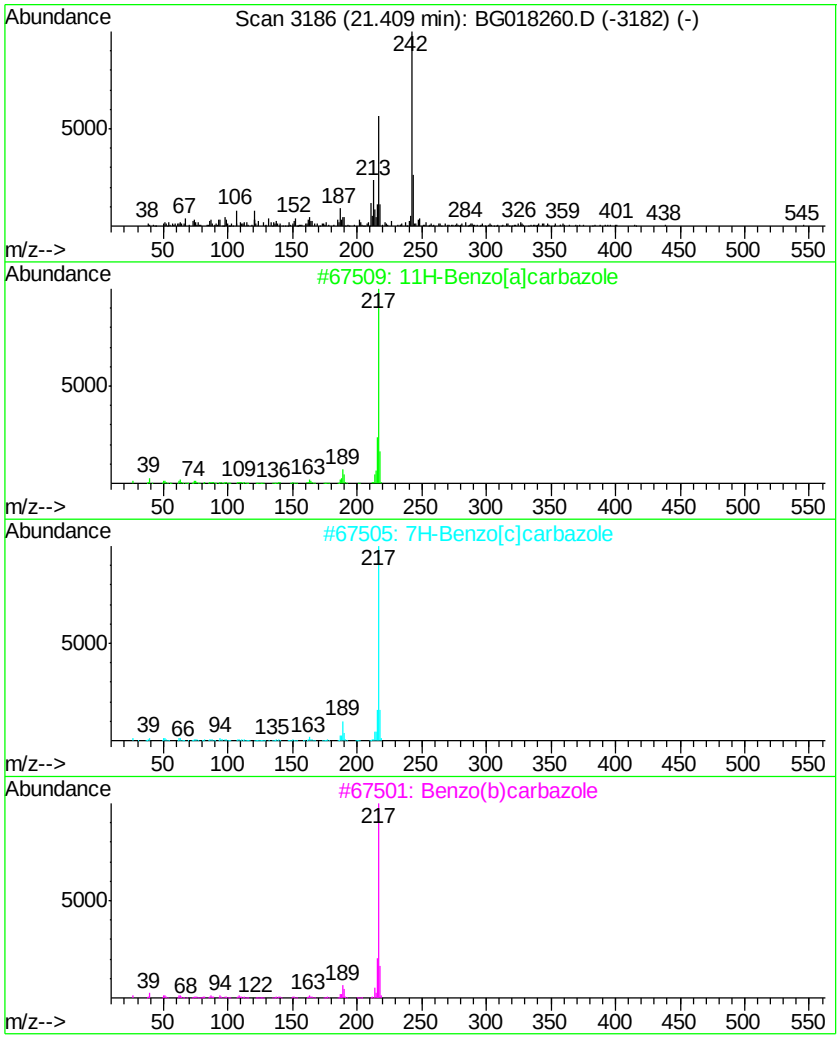
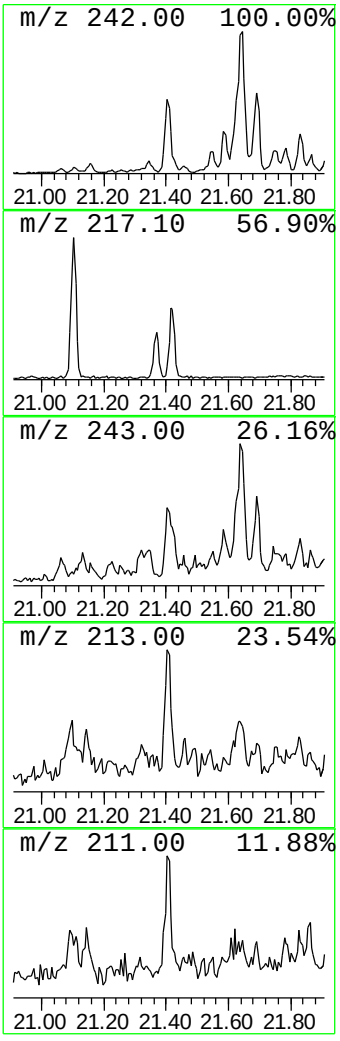
Peak Number 34 11H-Benzo[a]carbazole Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.23 ng/ul	277206	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	53
4	1-Aminopyrene	217	C16H11N	001606-67-3	49
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018260.D
Acq On : 4 Aug 2015 19:30
Operator : UM/TP
Sample : G3109-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.45	9.1	ng/ul	129739	1	7.45	284324	20.0
9H-Fluoren-9-ol	15.48	2.8	ng/ul	81898	3	14.13	592682	20.0
unknown-02	15.87	3.1	ng/ul	97349	4	16.89	627572	20.0
9H-Fluorene, 1-me...	16.20	3.5	ng/ul	108708	4	16.89	627572	20.0
Tetradecanoic acid	16.32	2.3	ng/ul	73421	4	16.89	627572	20.0
9H-Fluoren-9-one	16.54	4.3	ng/ul	136434	4	16.89	627572	20.0
Anthracene, 1,2,3...	16.64	3.4	ng/ul	105499	4	16.89	627572	20.0
Naphtho[2,3-b]thi...	16.70	7.6	ng/ul	237160	4	16.89	627572	20.0
Acridine	17.08	2.3	ng/ul	73056	4	16.89	627572	20.0
Cyclobuta[1'',2''...	17.41	3.1	ng/ul	97096	4	16.89	627572	20.0
Dibenzothiophene,...	17.47	4.4	ng/ul	138541	4	16.89	627572	20.0
Dibenzothiophene,...	17.61	2.9	ng/ul	89640	4	16.89	627572	20.0
Phenanthrene, 2-m...	17.77	10.8	ng/ul	339146	4	16.89	627572	20.0
Phenanthrene, 1-m...	17.82	31.6	ng/ul	992580	4	16.89	627572	20.0
4H-Cyclopenta[def...	17.96	21.8	ng/ul	684590	4	16.89	627572	20.0
1,2,4,8-Tetrameth...	18.27	7.1	ng/ul	223080	4	16.89	627572	20.0
9,10-Anthracenedione	18.32	6.8	ng/ul	212193	4	16.89	627572	20.0
4b,8-Dimethyl-2-i...	18.52	10.1	ng/ul	317737	4	16.89	627572	20.0
Phenanthrene, 3,6...	18.58	2.1	ng/ul	65047	4	16.89	627572	20.0
Phenanthrene, 2,5...	18.70	7.7	ng/ul	240484	4	16.89	627572	20.0
Cyclopenta(def)ph...	18.84	7.6	ng/ul	239542	4	16.89	627572	20.0
4-Azapyrene	19.57	2.1	ng/ul	265830	5	21.10	2480740	20.0
Pyrene, 1-methyl-	19.66	3.0	ng/ul	378445	5	21.10	2480740	20.0
11H-Benzo[b]fluorene	19.83	4.3	ng/ul	539716	5	21.10	2480740	20.0
Pyrene, 2-methyl-	19.99	2.8	ng/ul	342475	5	21.10	2480740	20.0
11H-Benzo[a]fluor...	20.58	2.2	ng/ul	278412	5	21.10	2480740	20.0
Benzo[b]naphtho[2...	20.75	3.5	ng/ul	429895	5	21.10	2480740	20.0
Anthracene, 1,8-d...	20.83	3.3	ng/ul	404376	5	21.10	2480740	20.0
Cyclopenta(cd)pyr...	21.26	2.6	ng/ul	327307	5	21.10	2480740	20.0
11H-Benzo[a]carba...	21.41	2.2	ng/ul	277206	5	21.10	2480740	20.0