LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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-BG072315.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	3.530	140	143	150	rVB	27030	34149	1.78%	0.141%
2	6.696	677	682	691	rVB	49843	80225	4.19%	0.331%
3	6.855	704	709	720	rVB	44244	66908	3.50%	0.276%
4	7.043	736	741	748	rVB	52789	84989	4.44%	0.351%
5	7.513	815	821	829	rVB	168863	255535	13.35%	1.056%
6	8.224	937	942	953	rVB2	35624	58095	3.04%	0.240%
7	8.330	954	960	966	rBV	38417	63069	3.30%	0.261%
8	8.665	1011	1017	1025	rVB	58456	93945	4.91%	0.388%
9	9.382	1134	1139	1147	rVB	46818	75978	3.97%	0.314%
10	9.916	1223	1230	1241	rBV	75491	120337	6.29%	0.497%
11	10.292	1287	1294	1300	rBV	280818	438296	22.90%	1.811%
12	10.439	1314	1319	1327	rVB	31213	56000	2.93%	0.231%
13	13.594	1851	1856	1861	rVV	160007	216766	11.33%	0.895%
14	13.641	1861	1864	1869	rVV	51681	66942	3.50%	0.277%
15	13.865	1897	1902	1914	rVB	189661	280129	14.64%	1.157%
16	14.182	1949	1956	1962	rVV2	429522	678117	35.43%	2.801%
17	14.241	1962	1966	1975	rVB2	47226	70084	3.66%	0.290%
18	14.393	1985	1992	2000	rBV2	59590	91006	4.75%	0.376%
19	14.581	2020	2024	2030	rVV	29498	44160	2.31%	0.182%
20	15.175	2118	2125	2131	rBV	252114	357934	18.70%	1.479%
21	15.234	2131	2135	2140	rVV	49801	71228	3.72%	0.294%
22	15.304	2140	2147	2154	rVV	54999	84891	4.44%	0.351%
23	15.680	2206	2211	2218	rVV3	15243	30420	1.59%	0.126%
24	16.585	2361	2365	2373	rVB	32659	53271	2.78%	0.220%
25	16.685	2373	2382	2385	rBV5	16220	39134	2.04%	0.162%
26	16.749	2390	2393	2405	rVB	40305	65350	3.41%	0.270%
27	16.932	2416	2424	2428	rBV2	588006	862501	45.06%	3.563%
28	16.979	2428	2432	2436	rVV	602677	854200	44.63%	3.529%
29	17.031	2436	2441	2444	rVV	290642	401106	20.96%	1.657%
30	17.067	2444	2447	2452	rVB	134428	182221	9.52%	0.753%
31	17.343	2490	2494	2498	rVV	56442	75581	3.95%	0.312%
32	17.454	2508	2513	2519	rBV5	21281	32257	1.69%	0.133%
33	17.513	2519	2523	2528	rBV	26652	39605	2.07%	0.164%
34	17.807	2568	2573	2577	rBV	107128	157877	8.25%	0.652%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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-BG072315.M
Title : SVOA CALIBRATION

35	17.860	2577	2582	2588	rVB	163026	228608	11.94%	0.944%
36	17.936	2588	2595	2600	rBV2	47262	83438	4.36%	0.345%
37	18.001	2600	2606	2611	rBV2	161295	314160	16.41%	1.298%
38	18.042	2611	2613	2621	rVB	87972	102621	5.36%	0.424%
39	18.318	2653	2660	2663	rVV	83491	116953	6.11%	0.483%
40	18.359	2663	2667	2673	rVB2	75613	108058	5.65%	0.446%
41	18.571	2699	2703	2707	rVV3	38277	48627	2.54%	0.201%
42	18.618	2707	2711	2714	rVV	31174	38038	1.99%	0.157%
43	18.659	2714	2718	2721	rVB3	33214	46310	2.42%	0.191%
44	18.741	2727	2732	2737	rBV2	72153	114106	5.96%	0.471%
45	18.806	2737	2743	2746	rBV2	39210	76805	4.01%	0.317%
46	18.876	2751	2755	2765	rVV4	94272	169231	8.84%	0.699%
47	19.006	2771	2777	2783	rVB	1099149	1434401	74.94%	5.925%
48	19.076	2784	2789	2792	rBV2	31412	51033	2.67%	0.211%
49	19.158	2799	2803	2807	rBV3	57413	74170	3.88%	0.306%
50	19.211	2807	2812	2816	rBV6	26513	62225	3.25%	0.257%
51	19.252	2816	2819	2822	rVB	39979	48995	2.56%	0.202%
52	19.340	2829	2834	2836	rBV2	512108	725182	37.89%	2.996%
53	19.370	2836	2839	2847	rVB	1114055	1396175	72.94%	5.767%
54	19.446	2847	2852	2858	rVB3	49648	97552	5.10%	0.403%
55	19.517	2858	2864	2867	rBV2	60025	104766	5.47%	0.433%
56	19.552	2867	2870	2874	rVB	51072	54563	2.85%	0.225%
57	19.611	2875	2880	2885	rVB2	100136	157254	8.22%	0.650%
58	19.711	2889	2897	2902	rBV4	86878	221983	11.60%	0.917%
59	19.834	2913	2918	2920	rBV3	73699	115441	6.03%	0.477%
60	19.869	2920	2924	2928	rVB	225222	306279	16.00%	1.265%
61	19.922	2928	2933	2937	rBV5	52962	76686	4.01%	0.317%
62	19.969	2937	2941	2945	rVV	104170	131339	6.86%	0.543%
63	20.028	2945	2951	2955	rVV2	135726	212692	11.11%	0.879%
64	20.069	2955	2958	2962	rVV	51689	67222	3.51%	0.278%
65	20.110	2962	2965	2968	rVB2	30964	33699	1.76%	0.139%
66	20.163	2968	2974	2978	rBV2	91233	164532	8.60%	0.680%
67	20.210	2978	2982	2988	rBV	100229	157236	8.21%	0.650%
68	20.469	3015	3026	3029	rBV9	80137	180167	9.41%	0.744%
69	20.580	3042	3045	3047	rVV3	23211	31353	1.64%	0.130%
70	20.615	3047	3051	3058	rVB	142065	213515	11.16%	0.882%
71	20.709	3065	3067	3071	rVB3	32972	31944	1.67%	0.132%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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-BG072315.M
Title : SVOA CALIBRATION

72	20.786	3073	3080	3083	rBV3	121294	221207	11.56%	0.914%
73	20.821	3083	3086	3089	rVV	105587	129858	6.78%	0.536%
74	20.862	3089	3093	3098	rVV2	84658	185825	9.71%	0.768%
75	20.915	3098	3102	3110	rVB2	141601	226060	11.81%	0.934%
76	21.021	3113	3120	3126	rBV2	58122	150166	7.85%	0.620%
77	21.133	3133	3139	3143	rBV3	969734	1914013	100.00%	7.907%
78	21.174	3143	3146	3153	rVB	692350	878897	45.92%	3.631%
79	21.291	3162	3166	3172	rBV	89644	132677	6.93%	0.548%
80	21.450	3188	3193	3197	rBV2	76393	130509	6.82%	0.539%
81	21.626	3220	3223	3226	rBV	32177	45407	2.37%	0.188%
82	21.679	3226	3232	3236	rVV	151326	233462	12.20%	0.964%
83	21.726	3237	3240	3246	rVB2	93382	135349	7.07%	0.559%
84	21.873	3261	3265	3267	rBV2	62724	86668	4.53%	0.358%
85	21.902	3267	3270	3275	rVB3	74374	101455	5.30%	0.419%
86	21.967	3277	3281	3292	rVB4	57874	126934	6.63%	0.524%
87	22.425	3353	3359	3368	rVB3	35663	98451	5.14%	0.407%
88	22.672	3394	3401	3406	rBV2	521685	1227726	64.14%	5.072%
89	22.836	3424	3429	3438	rVB	98092	160994	8.41%	0.665%
90	22.966	3448	3451	3459	rBV5	25977	58384	3.05%	0.241%
91	23.136	3474	3480	3484	rBV	300410	551575	28.82%	2.278%
92	23.183	3484	3488	3491	rVV2	195765	343623	17.95%	1.419%
93	23.230	3491	3496	3503	rVB	457423	816419	42.65%	3.373%
94	23.324	3505	3512	3517	rVV2	512295	972713	50.82%	4.018%
95	23.371	3517	3520	3529	rVB2	124385	247051	12.91%	1.021%
96	25.292	3842	3847	3853	rVB5	38849	84516	4.42%	0.349%
97	25.527	3879	3887	3901	rVB	226559	639187	33.40%	2.640%
98	25.786	3927	3931	3939	rVB3	42273	89896	4.70%	0.371%
99	25.874	3941	3946	3956	rBV	37275	107029	5.59%	0.442%
100	26.203	3994	4002	4014	rBV2	108448	332198	17.36%	1.372%

Sum of corrected areas: 24207914

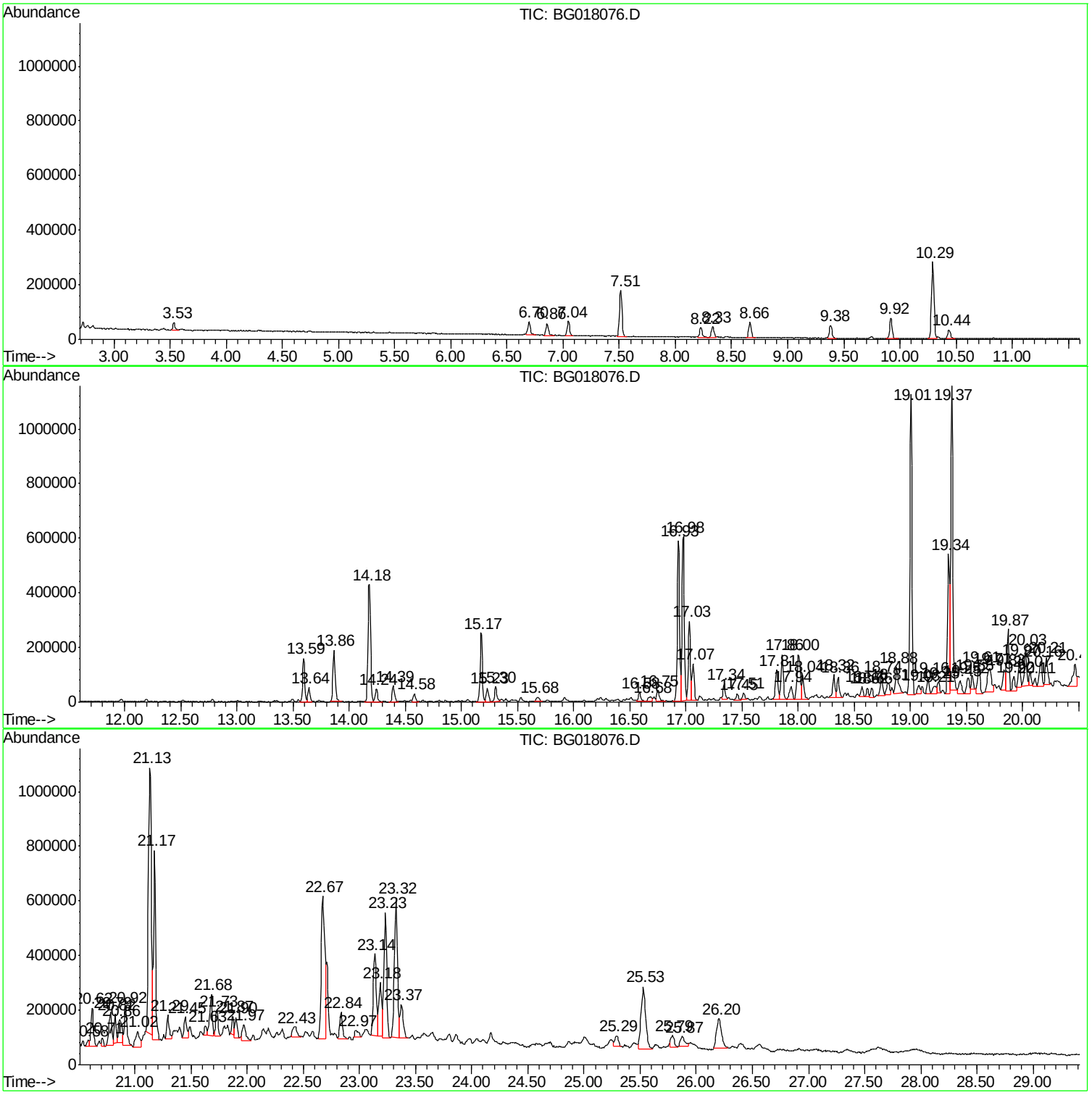
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

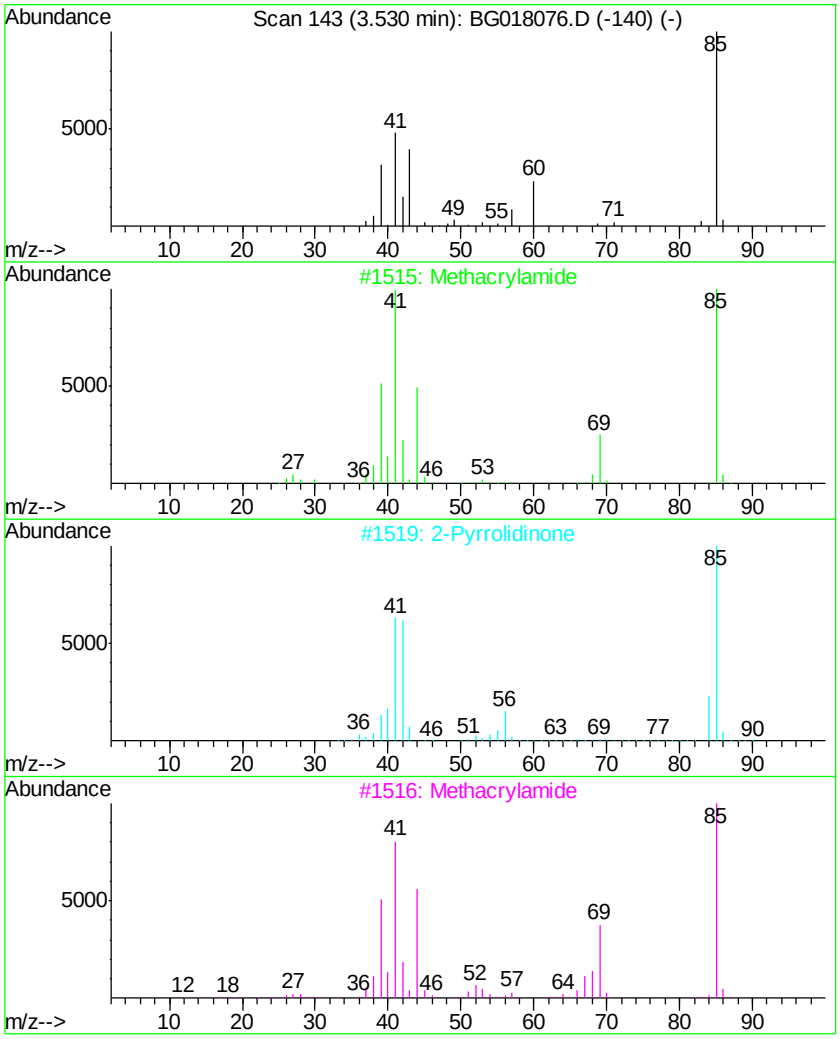
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

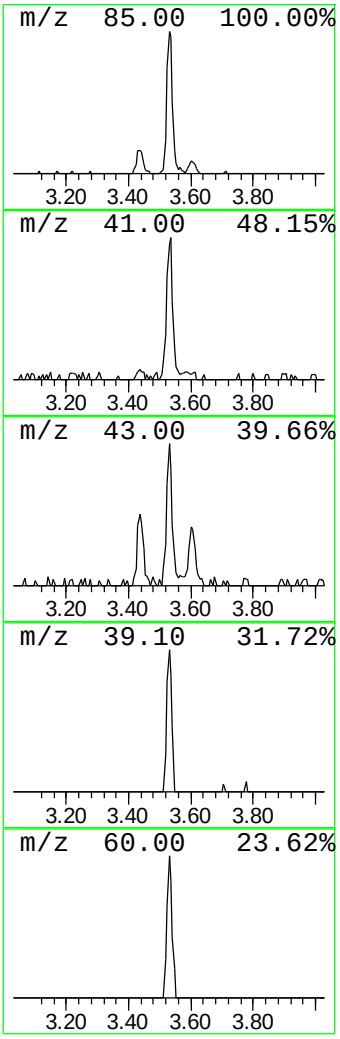
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	2.67 ng/ul	34149	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	33
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
3	Methacrylamide	85	C4H7NO	000079-39-0	12
4	(R)-(+)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	072748-99-3	9
5	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

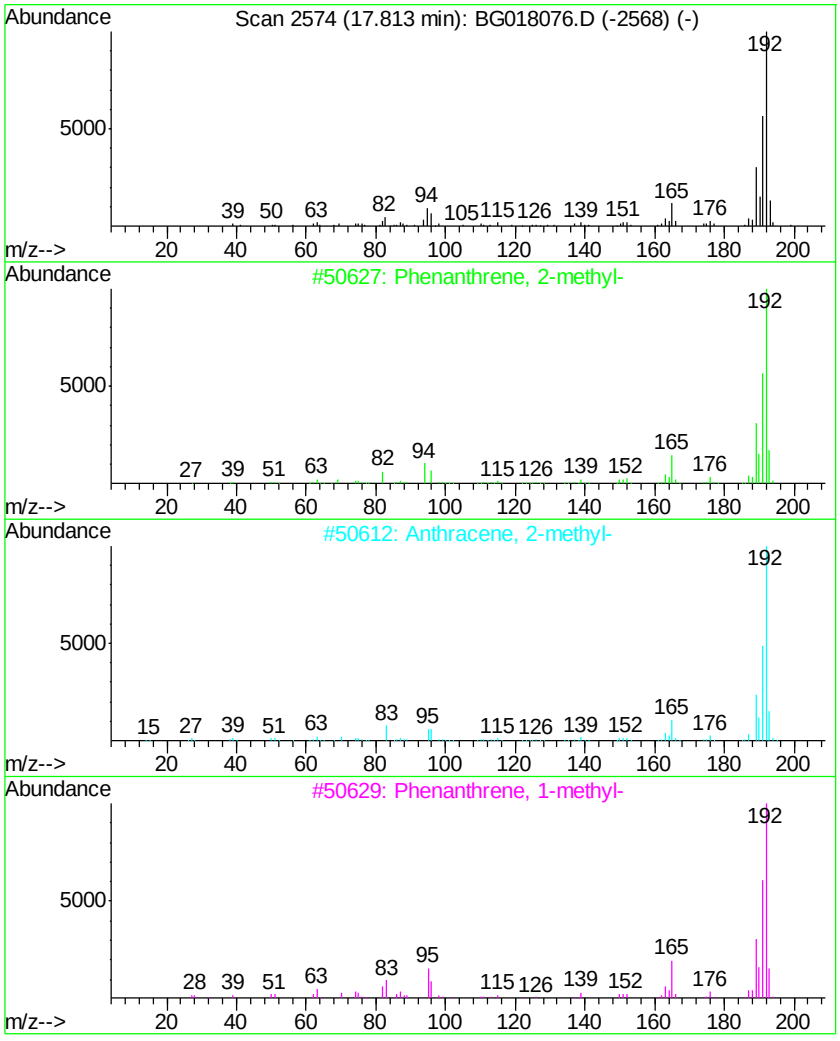
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

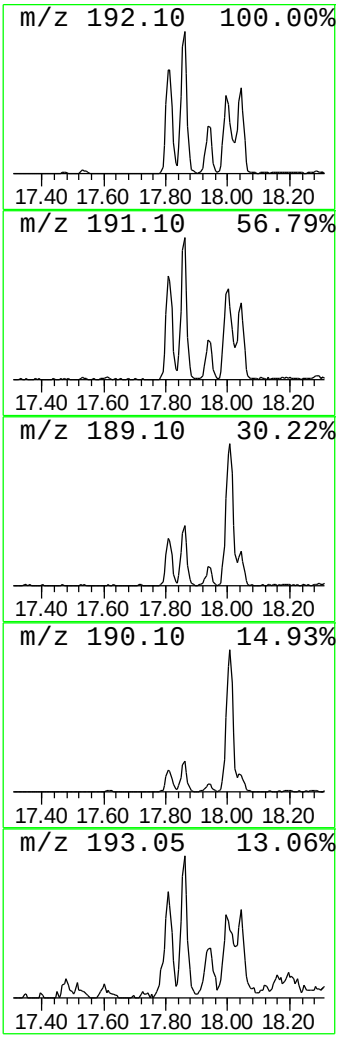
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.66 ng/ul	157877	Phenanthrene-d10	16.93

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

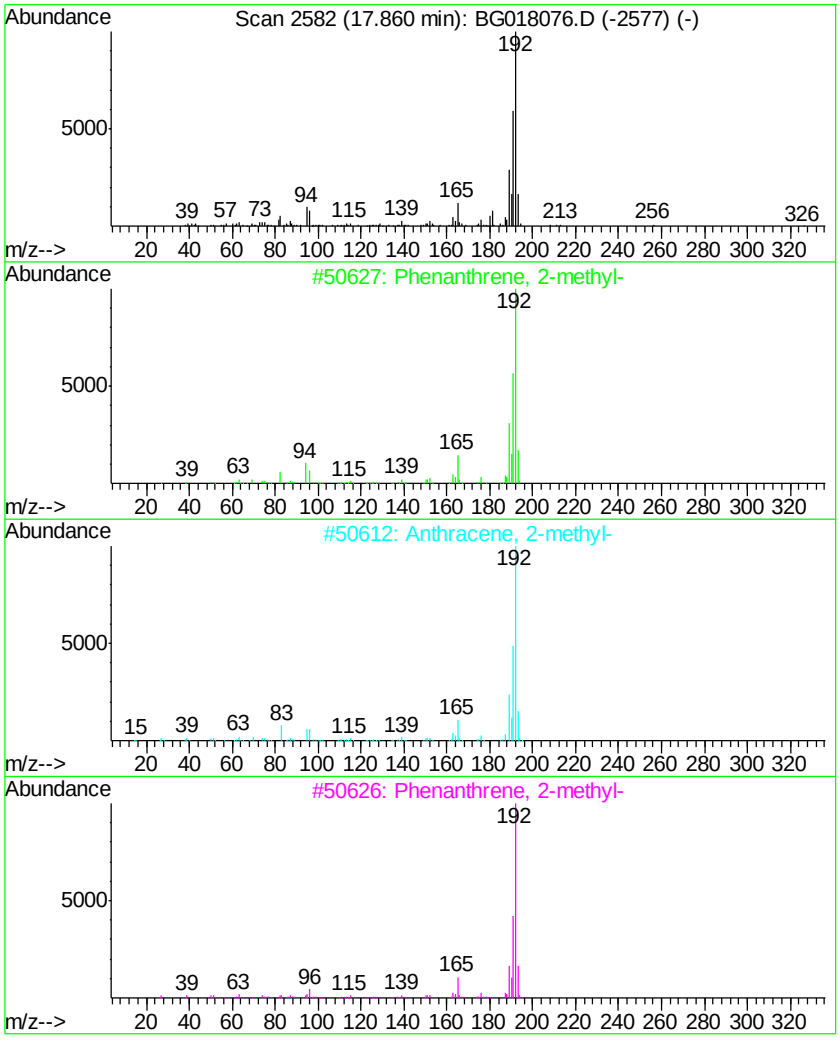
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

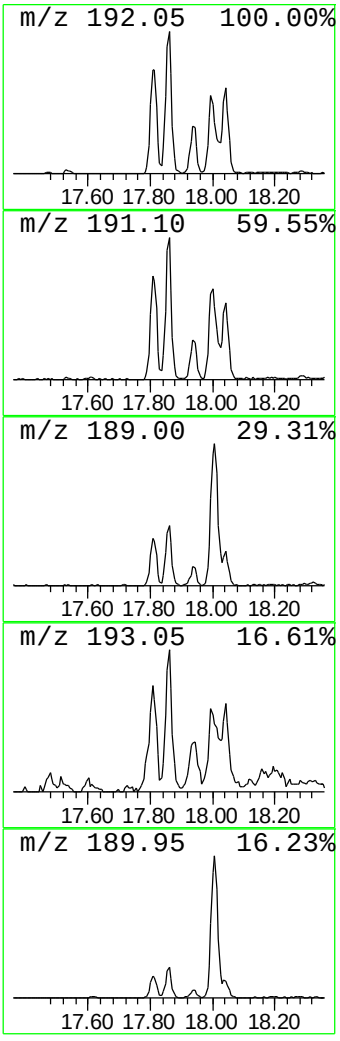
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.30 ng/ul	228608	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

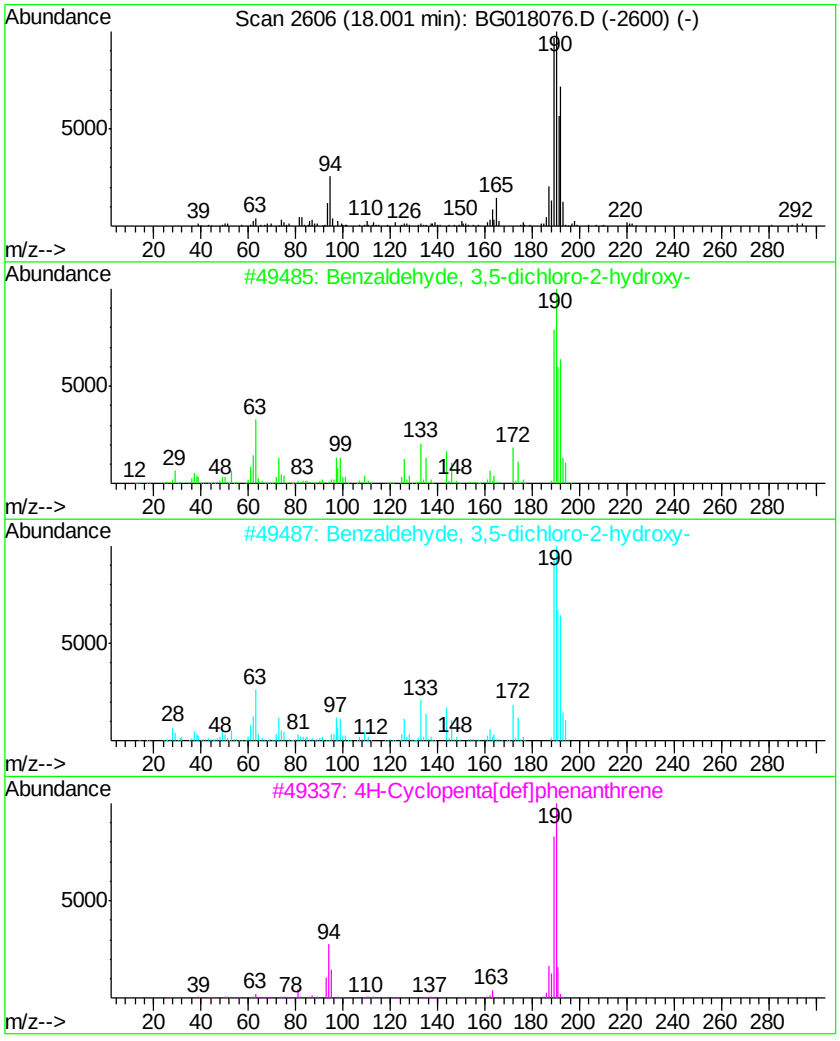
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

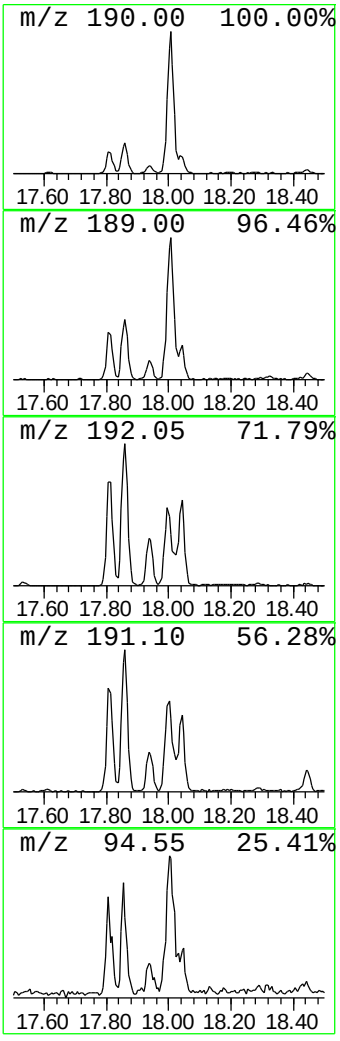
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.28 ng/ul	314160	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

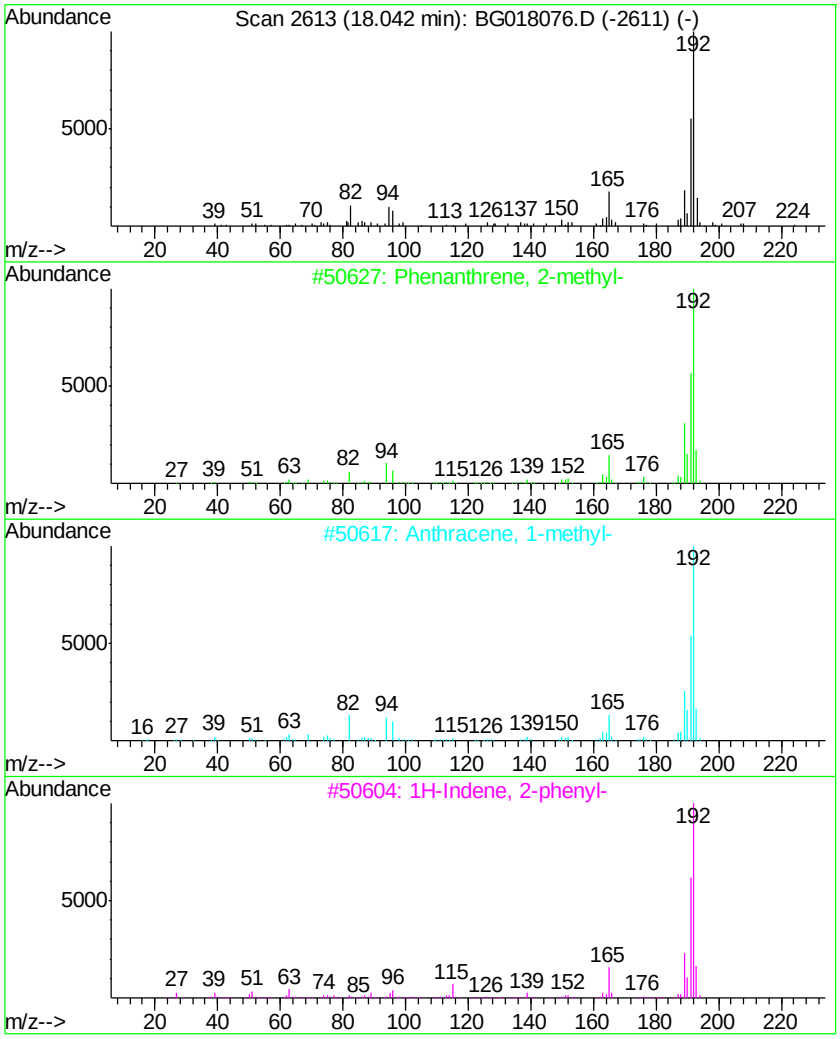
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

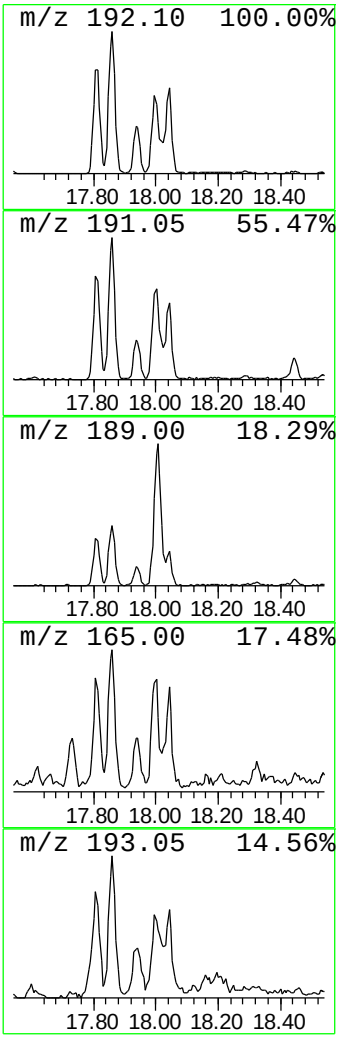
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.38 ng/ul	102621	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





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Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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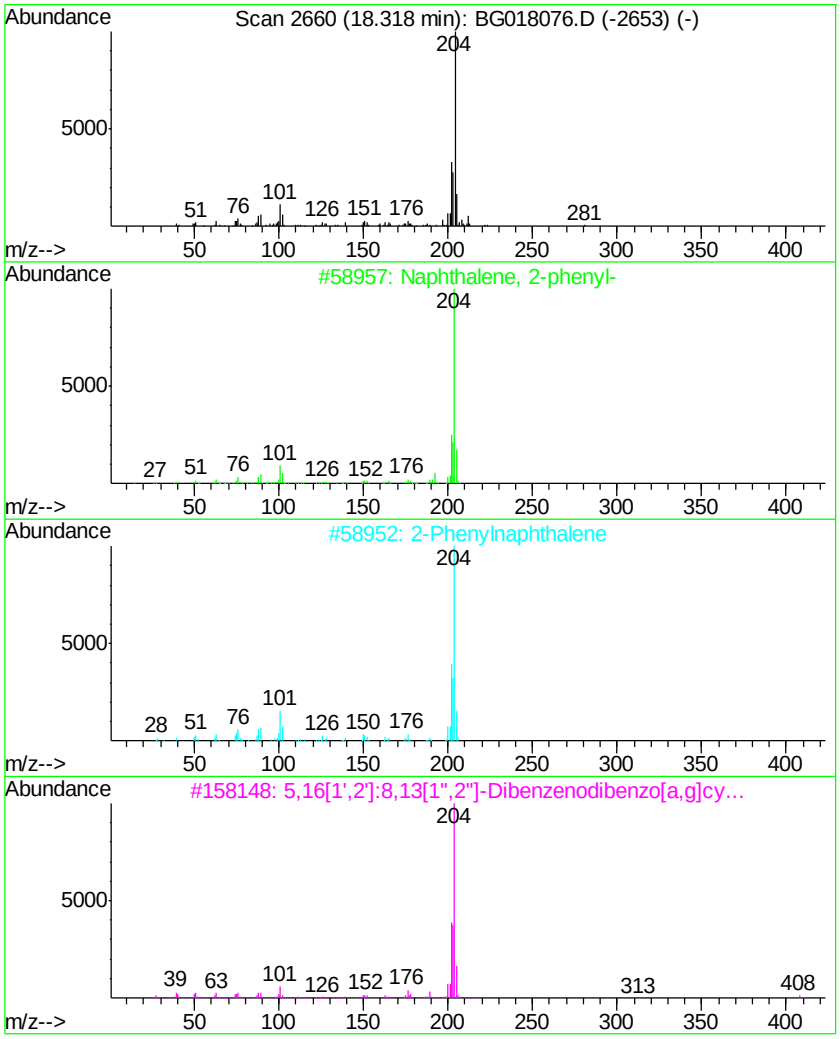
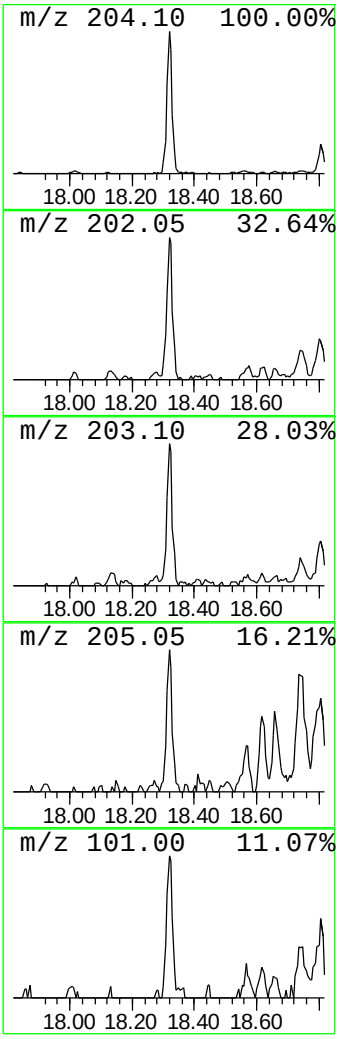
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.71 ng/ul	116953	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Library Search Compound Report

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Sample : G3035-04
Misc :
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Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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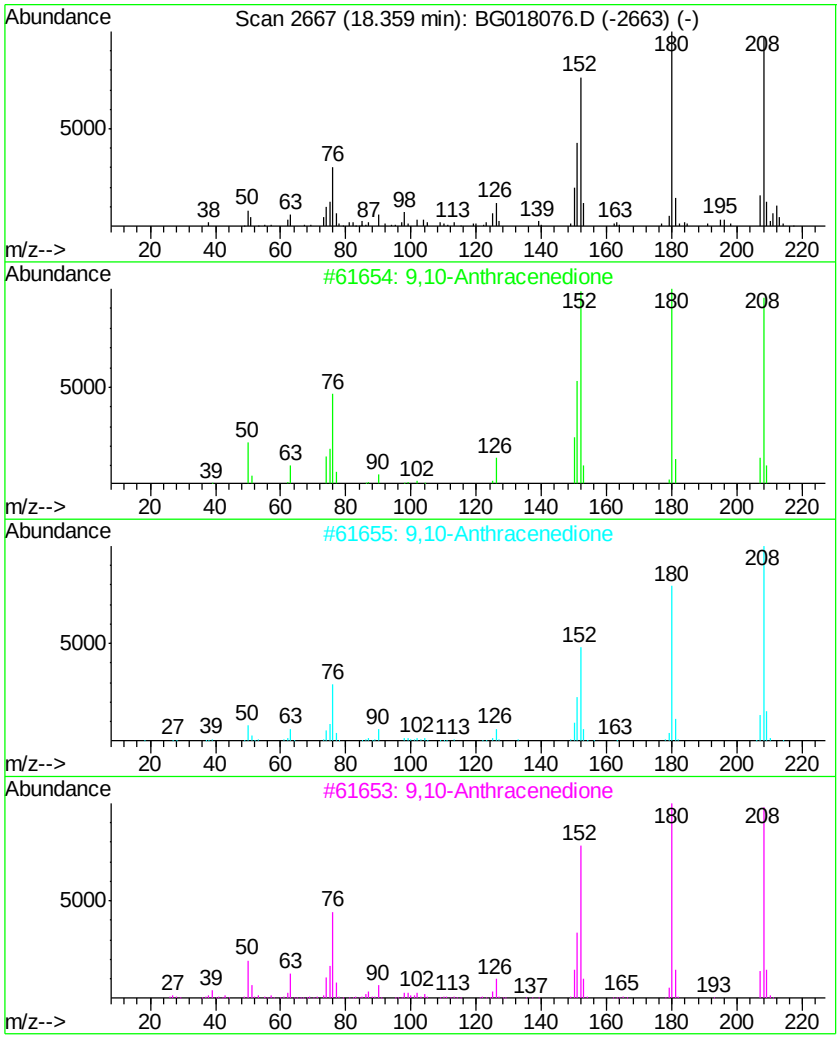
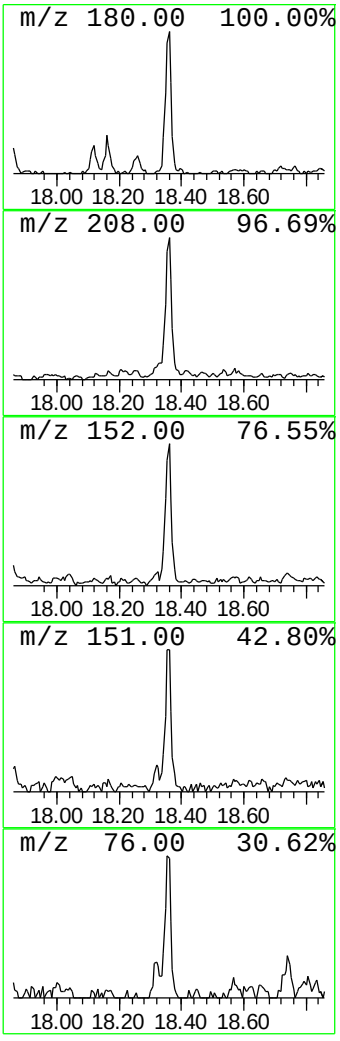
Peak Number 7 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.51 ng/ul	108058	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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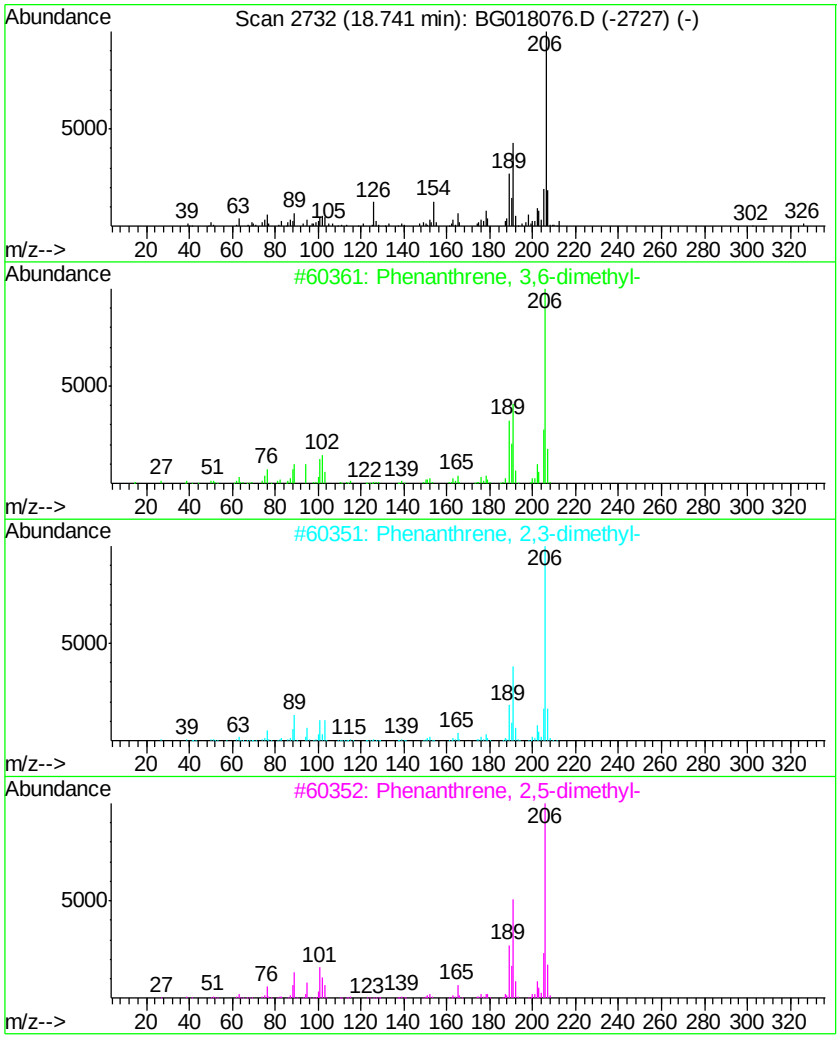
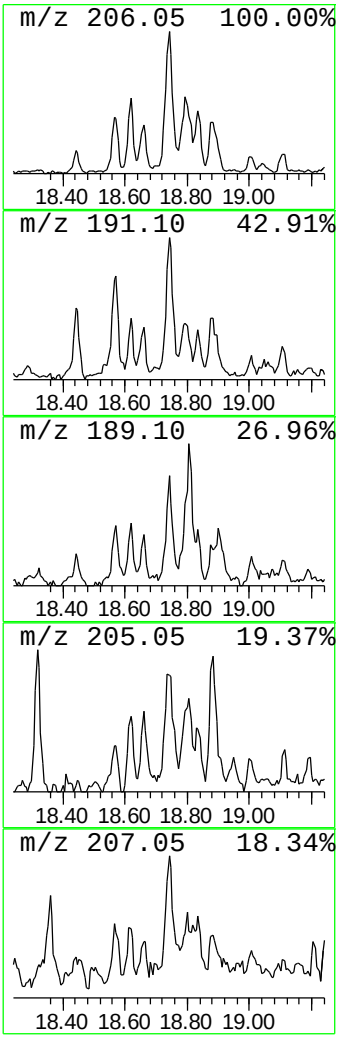
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.65 ng/ul	114106	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	80





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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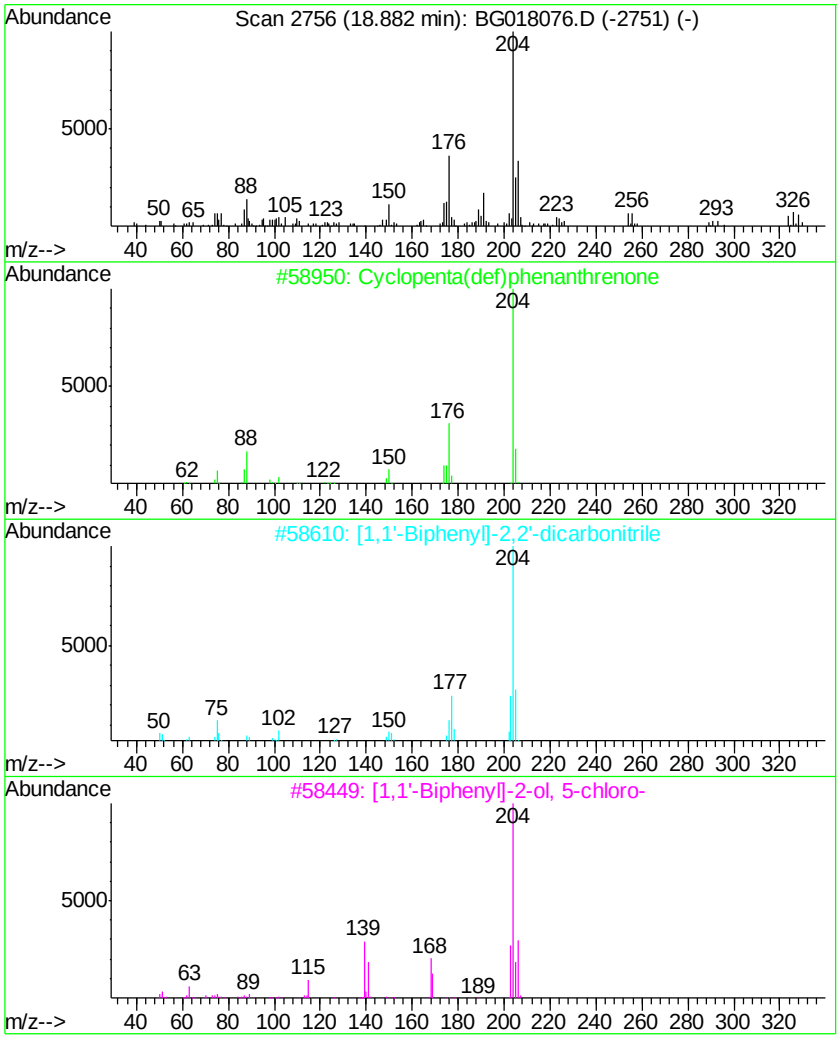
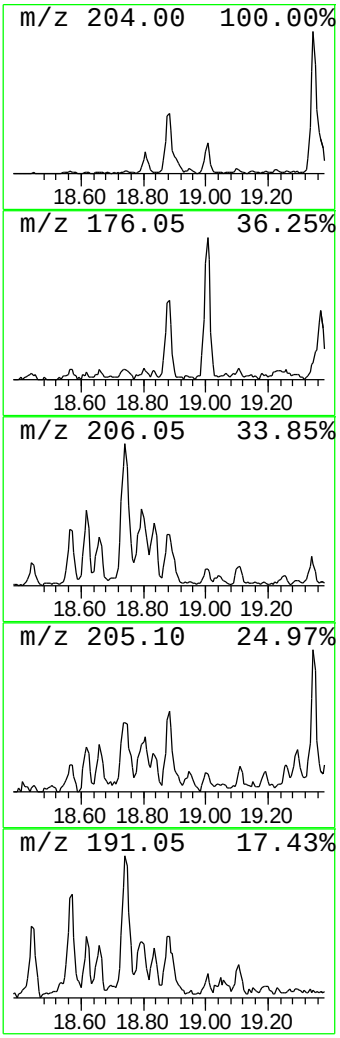
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.92 ng/ul	169231	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	3-tert-Butylsulfanyl-3-(4-ethyl-...	293	C16H23NO2S	1000275-92-3	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46





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Acq On : 23 Jul 2015 22:03
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Misc :
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Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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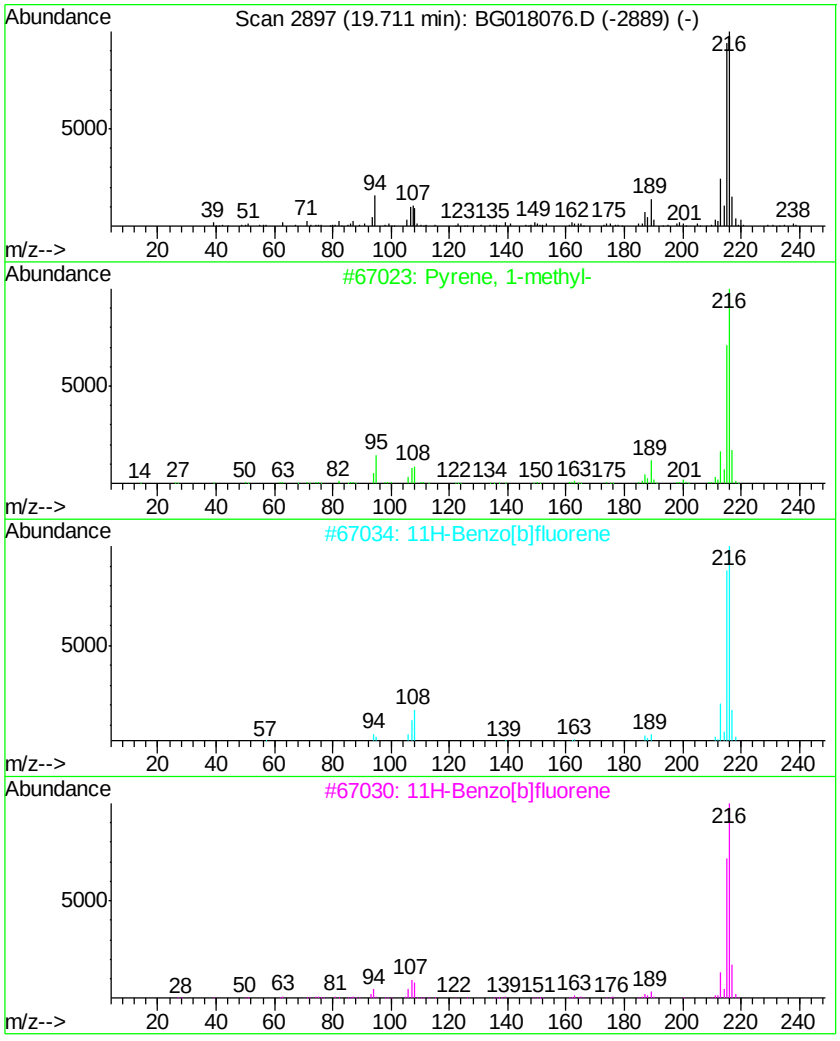
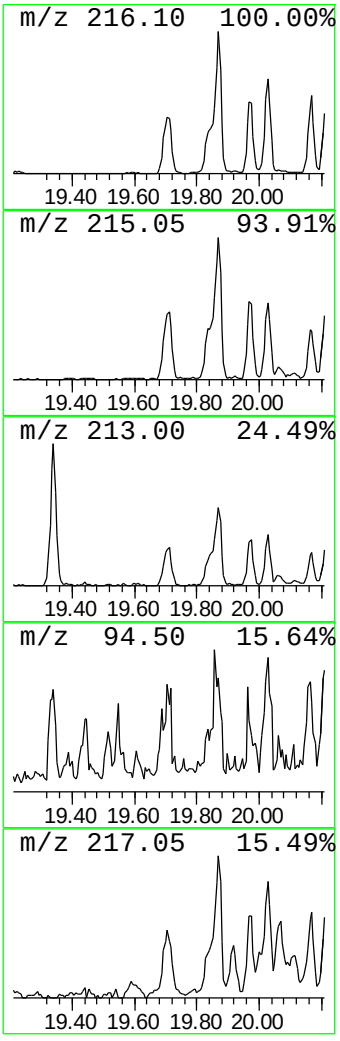
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.32 ng/ul	221983	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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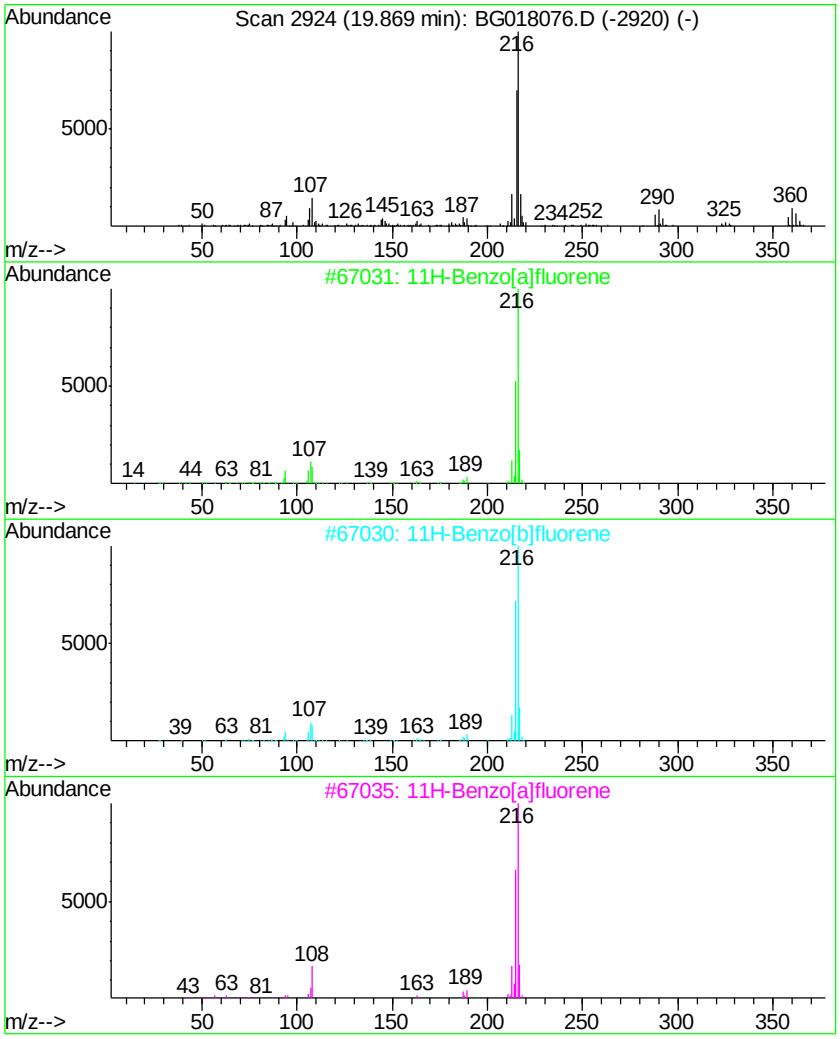
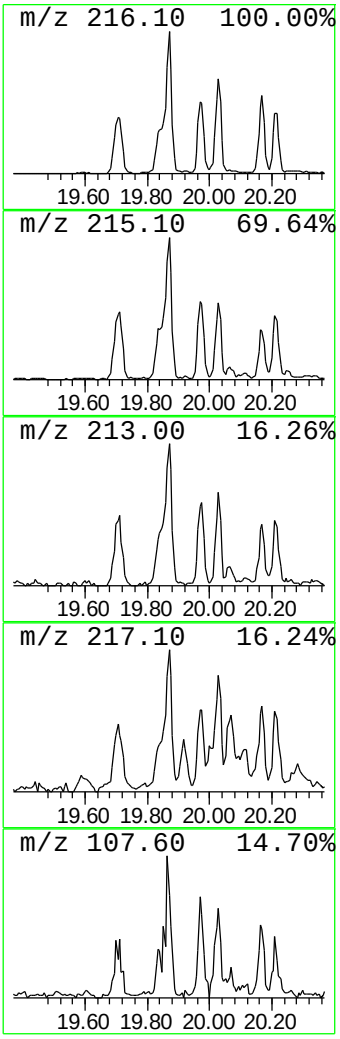
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.20 ng/ul	306279	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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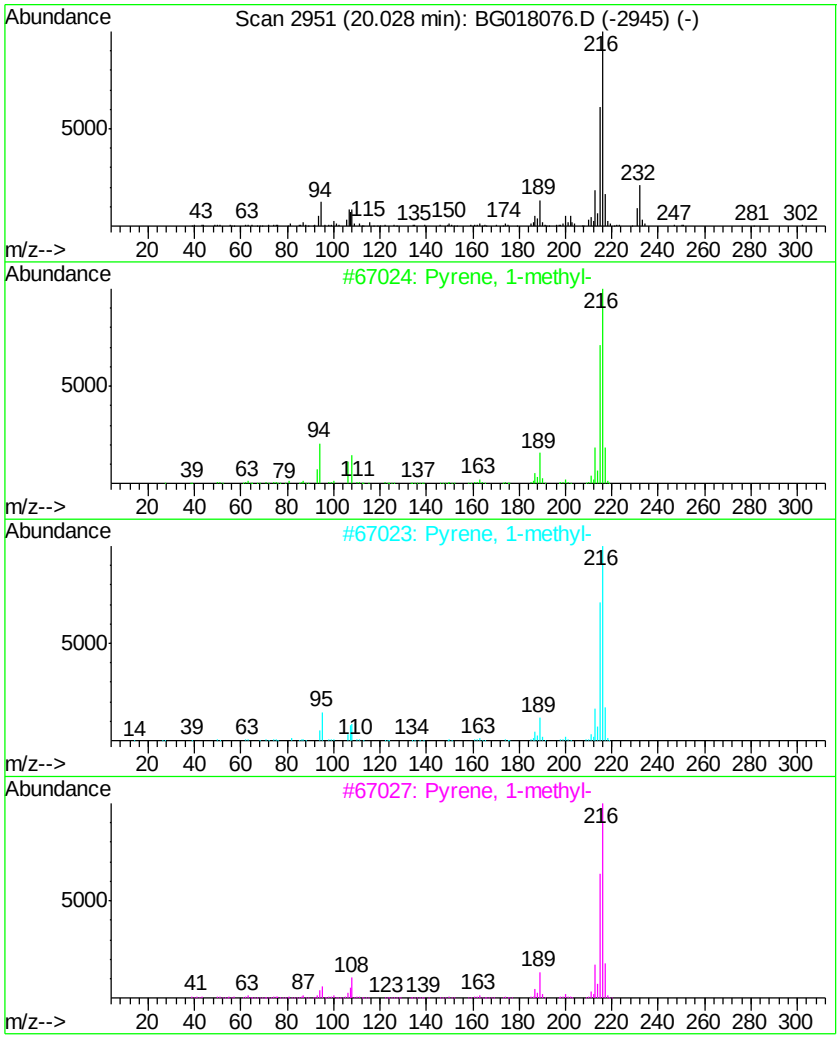
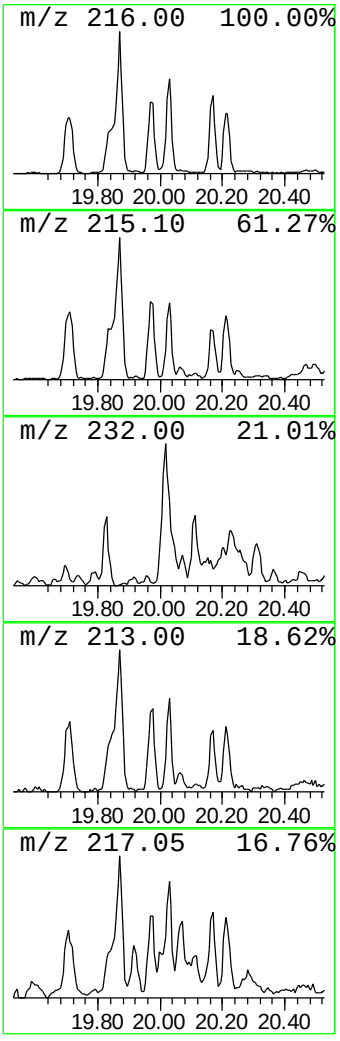
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.22 ng/ul	212692	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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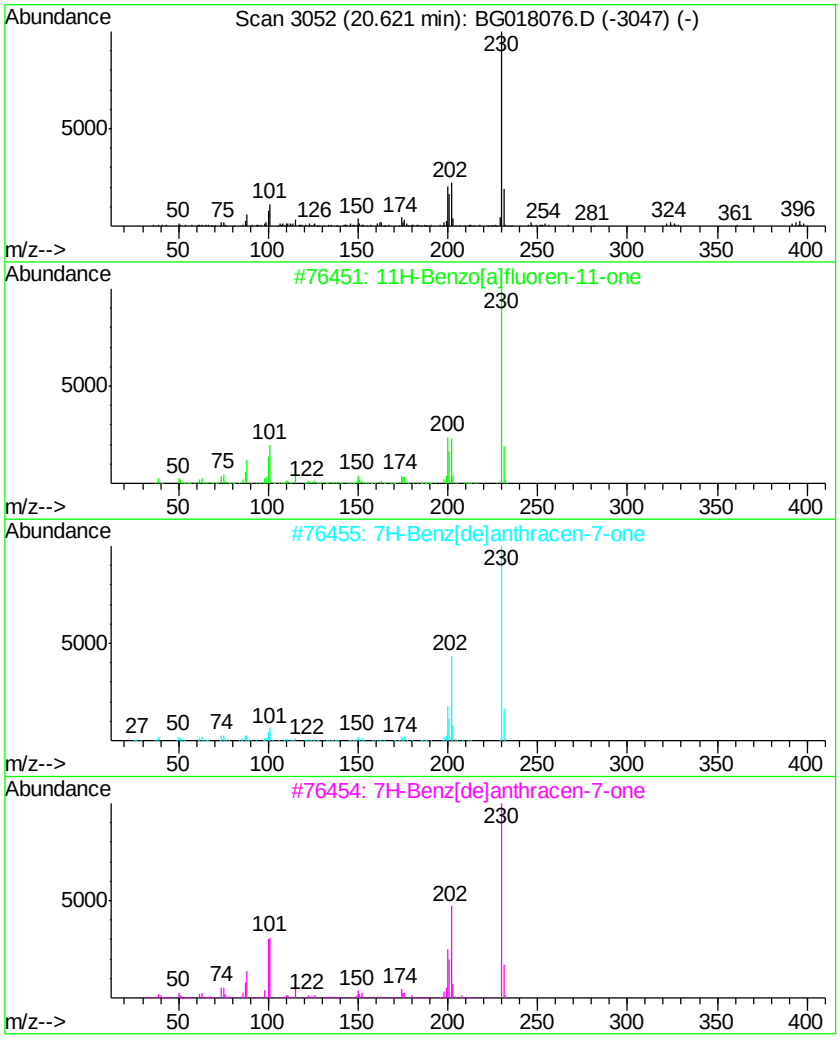
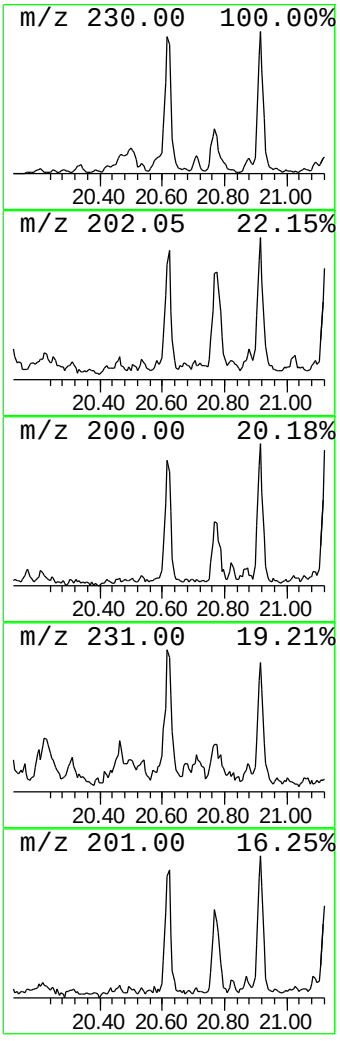
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.23 ng/ul	213515	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Sample : G3035-04
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Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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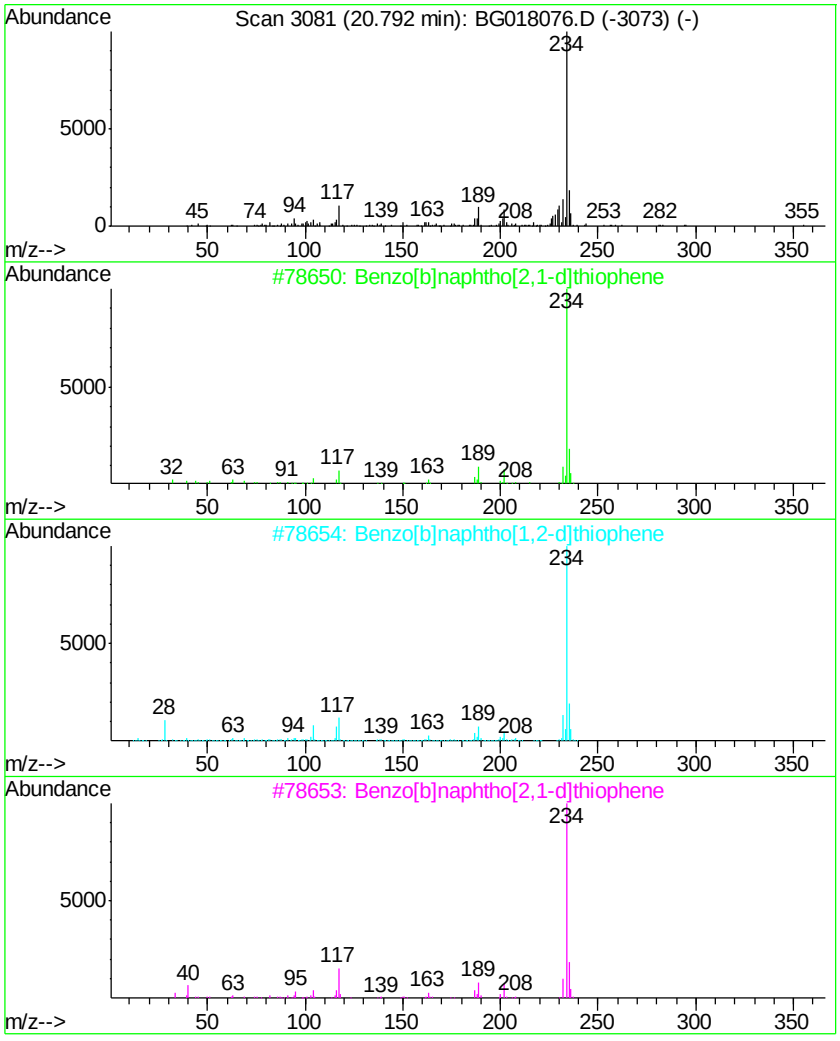
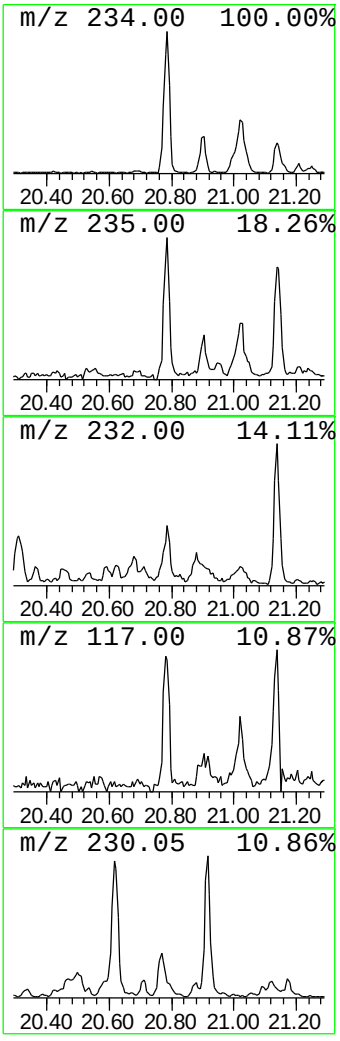
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.31 ng/ul	221207	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Quant Title : SVOA CALIBRATION

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

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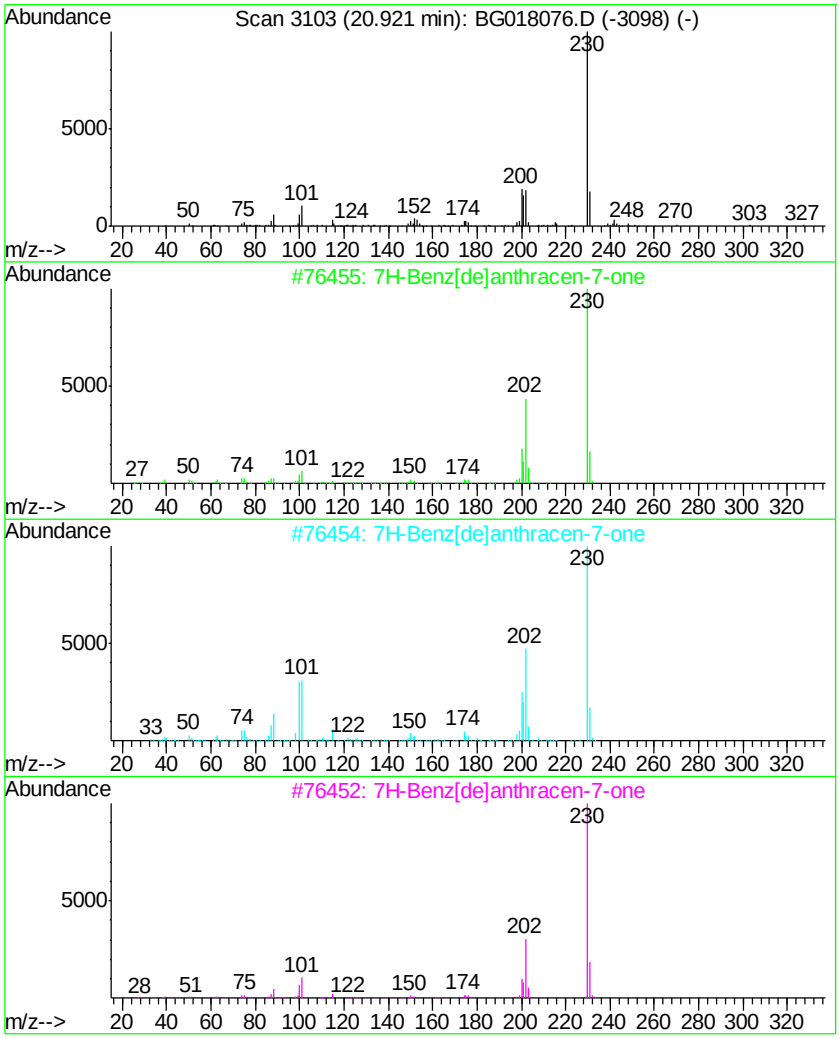
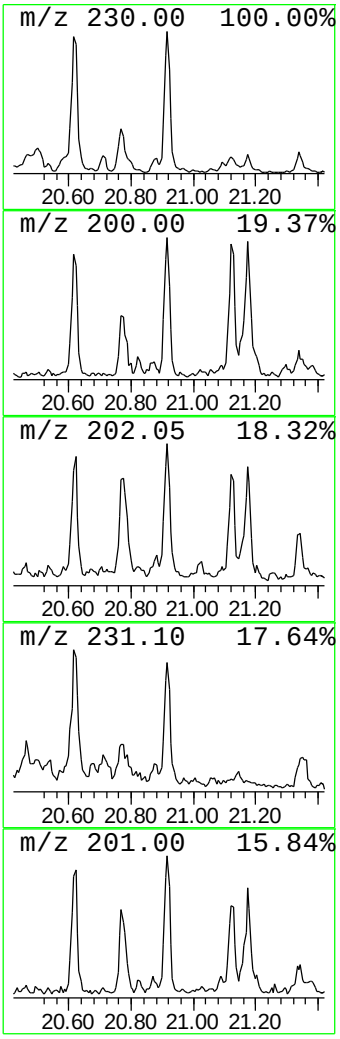
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.36 ng/ul	226060	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53





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Quant Title : SVOA CALIBRATION

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

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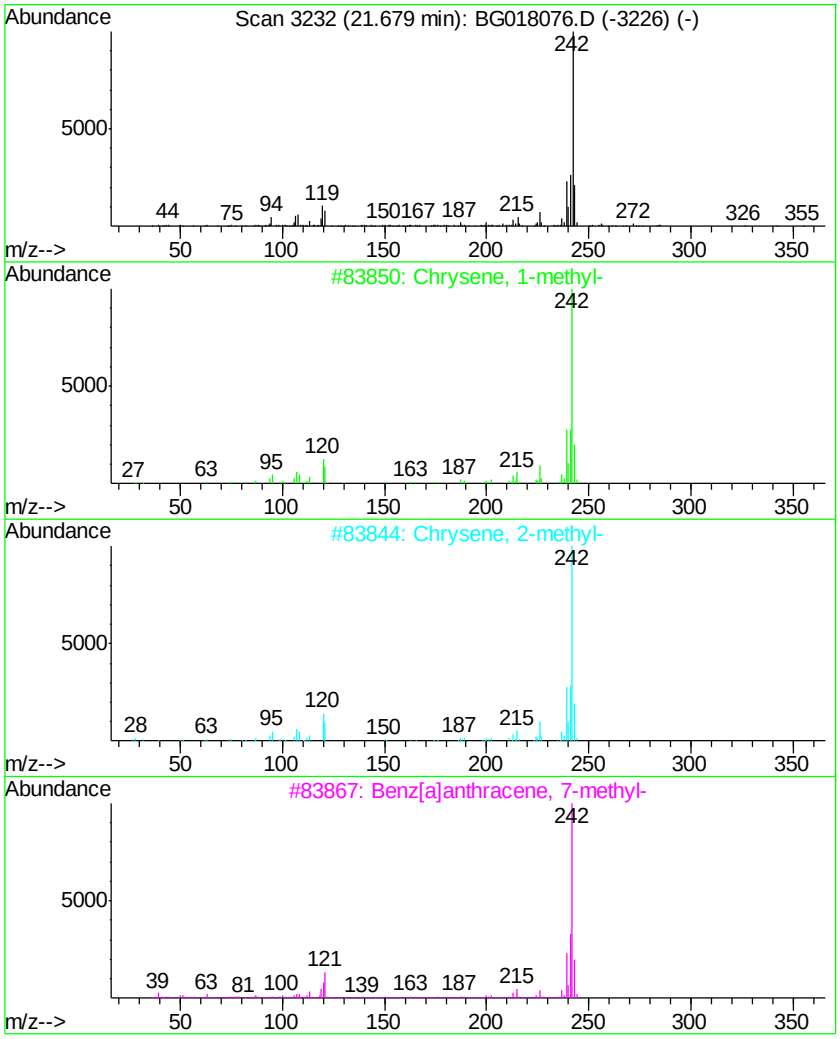
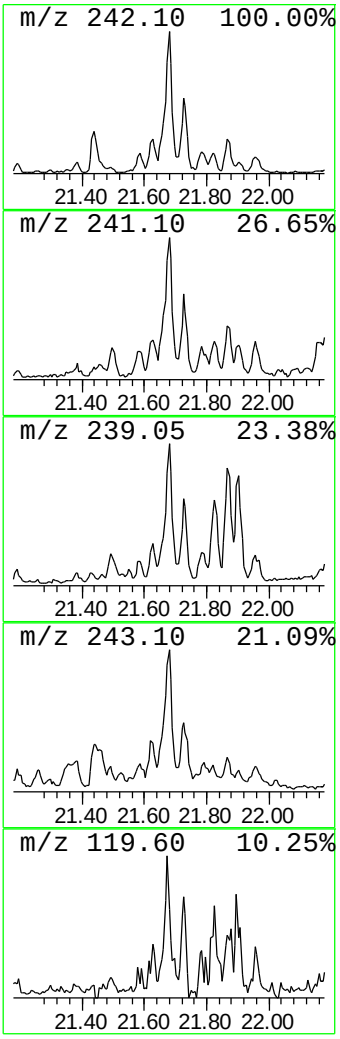
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.44 ng/ul	233462	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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Sample : G3035-04
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Instrument : BNA_G
ClientSampleId : C01K0

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Quant Title : SVOA CALIBRATION

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

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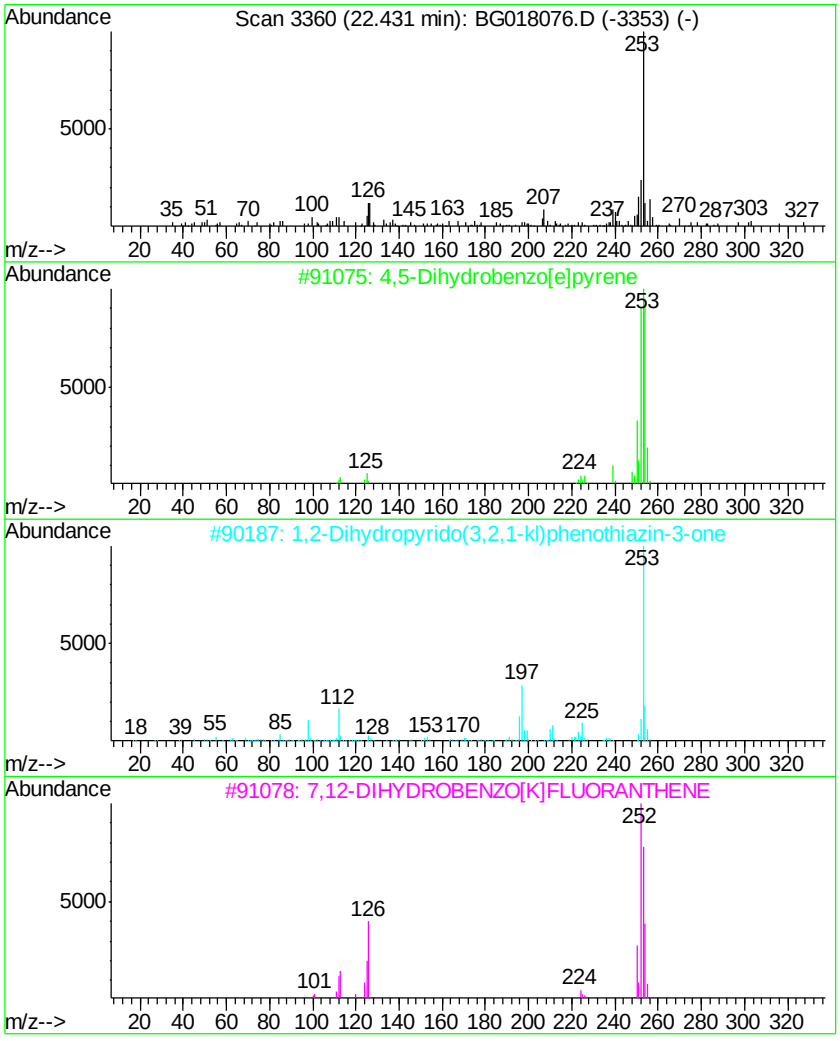
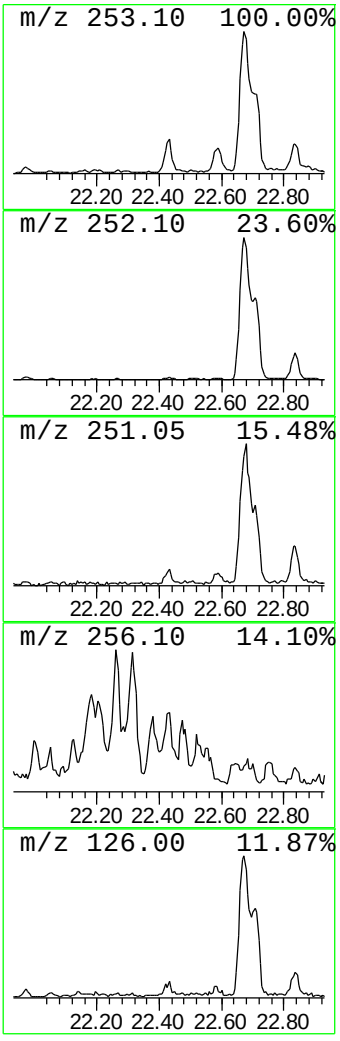
Peak Number 17 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.02 ng/ul	98451	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	47
2	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	43
3	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	38
4	6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	35
5	2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11NO3	014484-44-7	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018076.D
Acq On : 23 Jul 2015 22:03
Operator : TP/UM
Sample : G3035-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	3.53	2.7	ng/ul	34149	1	7.51	255535	20.0
Phenanthrene, 2-m...	17.81	3.7	ng/ul	157877	4	16.93	862501	20.0
Anthracene, 2-met...	17.86	5.3	ng/ul	228608	4	16.93	862501	20.0
Benzaldehyde, 3,5...	18.00	7.3	ng/ul	314160	4	16.93	862501	20.0
Anthracene, 1-met...	18.04	2.4	ng/ul	102621	4	16.93	862501	20.0
Naphthalene, 2-ph...	18.32	2.7	ng/ul	116953	4	16.93	862501	20.0
9,10-Anthracenedione	18.36	2.5	ng/ul	108058	4	16.93	862501	20.0
Phenanthrene, 3,6...	18.74	2.6	ng/ul	114106	4	16.93	862501	20.0
Cyclopenta(def)ph...	18.88	3.9	ng/ul	169231	4	16.93	862501	20.0
Pyrene, 1-methyl-	19.71	2.3	ng/ul	221983	5	21.14	1914010	20.0
11H-Benzo[a]fluorene	19.87	3.2	ng/ul	306279	5	21.14	1914010	20.0
Pyrene, 2-methyl-	20.03	2.2	ng/ul	212692	5	21.14	1914010	20.0
11H-Benzo[a]fluor...	20.62	2.2	ng/ul	213515	5	21.14	1914010	20.0
Benzo[b]naphtho[2...	20.79	2.3	ng/ul	221207	5	21.14	1914010	20.0
7H-Benz[de]anthra...	20.92	2.4	ng/ul	226060	5	21.14	1914010	20.0
Chrysene, 1-methyl-	21.68	2.4	ng/ul	233462	5	21.14	1914010	20.0
unknown-02	22.43	2.0	ng/ul	98451	6	23.32	972713	20.0