LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

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-BG080815.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	6.606	662	667	673	rBV4	5944	10803	1.37%	0.143%
2	6.941	719	724	729	rVB2	6182	11354	1.44%	0.150%
3	7.405	797	803	813	rVB	73681	114103	14.52%	1.508%
4	8.151	925	930	935	rBV5	5680	9683	1.23%	0.128%
5	8.563	995	1000	1006	rVB2	6896	12003	1.53%	0.159%
6	9.280	1118	1122	1126	rBV4	5179	8409	1.07%	0.111%
7	9.832	1212	1216	1221	rBV3	6519	9012	1.15%	0.119%
8	10.184	1270	1276	1281	rBV2	103374	166888	21.23%	2.206%
9	10.237	1281	1285	1288	rVV	12732	17228	2.19%	0.228%
10	11.871	1560	1563	1566	rBV2	3575	4630	0.59%	0.061%
11	12.094	1597	1601	1605	rBV3	2891	4313	0.55%	0.057%
12	13.510	1837	1842	1846	rBV	15177	20951	2.67%	0.277%
13	13.563	1846	1851	1854	rVB3	4138	6173	0.79%	0.082%
14	13.780	1882	1888	1891	rBV3	14280	20612	2.62%	0.272%
15	14.092	1935	1941	1947	rBV2	163527	243388	30.97%	3.217%
16	14.156	1947	1952	1959	rVB2	37224	50501	6.43%	0.667%
17	14.497	2003	2010	2016	rBV	14844	22634	2.88%	0.299%
18	15.090	2105	2111	2116	rBV2	22288	31730	4.04%	0.419%
19	15.149	2116	2121	2126	rVB2	30495	44961	5.72%	0.594%
20	15.278	2139	2143	2146	rVV2	4044	6245	0.79%	0.083%
21	15.314	2146	2149	2151	rVV2	3842	4490	0.57%	0.059%
22	15.361	2154	2157	2161	rVV2	3495	4446	0.57%	0.059%
23	15.449	2168	2172	2177	rVB2	5924	7564	0.96%	0.100%
24	15.590	2194	2196	2204	rVB2	6434	11519	1.47%	0.152%
25	15.831	2234	2237	2241	rBV	4679	7137	0.91%	0.094%
26	16.136	2285	2289	2290	rBV2	3710	4555	0.58%	0.060%
27	16.154	2290	2292	2298	rVV2	5633	9192	1.17%	0.121%
28	16.254	2306	2309	2312	rVV3	3467	4375	0.56%	0.058%
29	16.430	2336	2339	2343	rVV2	4929	6306	0.80%	0.083%
30	16.512	2347	2353	2356	rVB3	13896	17020	2.17%	0.225%
31	16.606	2363	2369	2372	rBV5	6768	14193	1.81%	0.188%
32	16.665	2376	2379	2385	rVB	16567	24149	3.07%	0.319%
33	16.853	2406	2411	2414	rVV	214133	303101	38.57%	4.006%
34	16.894	2414	2418	2424	rVV	362118	477195	60.72%	6.307%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

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-BG080815.M
Title : SVOA CALIBRATION

35	16.947	2424	2427	2430	rVV3	26624	41213	5.24%	0.545%
36	16.982	2430	2433	2439	rVV	71551	94712	12.05%	1.252%
37	17.047	2441	2444	2447	rVV5	4858	7594	0.97%	0.100%
38	17.229	2472	2475	2477	rBV	4188	4840	0.62%	0.064%
39	17.264	2477	2481	2486	rVB2	29012	40959	5.21%	0.541%
40	17.376	2496	2500	2504	rVB3	9797	13007	1.65%	0.172%
41	17.435	2504	2510	2514	rBV3	8830	15674	1.99%	0.207%
42	17.582	2530	2535	2541	rVB2	4808	8646	1.10%	0.114%
43	17.728	2555	2560	2564	rBV	32231	47216	6.01%	0.624%
44	17.775	2564	2568	2574	rVB	43883	60428	7.69%	0.799%
45	17.858	2576	2582	2588	rVB3	17255	29313	3.73%	0.387%
46	17.922	2588	2593	2597	rBV2	64891	105836	13.47%	1.399%
47	17.958	2597	2599	2604	rVB2	21451	28382	3.61%	0.375%
48	18.093	2617	2622	2624	rVV3	4313	7886	1.00%	0.104%
49	18.234	2643	2646	2651	rVV2	25667	31878	4.06%	0.421%
50	18.281	2651	2654	2660	rVB4	23094	32301	4.11%	0.427%
51	18.369	2664	2669	2671	rBV3	4194	5869	0.75%	0.078%
52	18.486	2686	2689	2694	rVB5	9095	14133	1.80%	0.187%
53	18.545	2694	2699	2702	rBV3	8344	11065	1.41%	0.146%
54	18.657	2715	2718	2725	rBV5	14948	26901	3.42%	0.356%
55	18.727	2725	2730	2733	rVV5	11441	16145	2.05%	0.213%
56	18.804	2739	2743	2750	rVB3	20932	34692	4.41%	0.459%
57	18.933	2759	2765	2772	rVB	591432	785945	100.00%	10.388%
58	18.998	2772	2776	2779	rBV4	8525	13108	1.67%	0.173%
59	19.033	2779	2782	2786	rVB4	10444	13489	1.72%	0.178%
60	19.074	2786	2789	2790	rBV2	4834	4348	0.55%	0.057%
61	19.144	2799	2801	2802	rVV2	5888	4646	0.59%	0.061%
62	19.174	2802	2806	2811	rVB2	22676	31055	3.95%	0.410%
63	19.268	2817	2822	2823	rBV	123557	153599	19.54%	2.030%
64	19.297	2823	2827	2835	rVV	478057	634427	80.72%	8.385%
65	19.368	2835	2839	2846	rVB4	20058	28828	3.67%	0.381%
66	19.473	2854	2857	2861	rBV2	23080	28760	3.66%	0.380%
67	19.532	2864	2867	2874	rVB2	21883	30324	3.86%	0.401%
68	19.620	2876	2882	2883	rBV2	29366	41709	5.31%	0.551%
69	19.679	2889	2892	2895	rVB2	13950	17247	2.19%	0.228%
70	19.708	2895	2897	2901	rVB5	6183	8836	1.12%	0.117%
71	19.767	2901	2907	2908	rBV4	24355	43192	5.50%	0.571%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

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-BG080815.M
Title : SVOA CALIBRATION

72	19.797	2908	2912	2917	rVB	76860	102324	13.02%	1.352%
73	19.896	2924	2929	2933	rBV	63393	84343	10.73%	1.115%
74	19.949	2933	2938	2942	rVV3	35323	59187	7.53%	0.782%
75	19.990	2942	2945	2949	rVV3	25677	33695	4.29%	0.445%
76	20.032	2950	2952	2957	rVB5	13365	15045	1.91%	0.199%
77	20.090	2960	2962	2966	rVV2	18402	22669	2.88%	0.300%
78	20.137	2966	2970	2976	rVB4	22269	34701	4.42%	0.459%
79	20.549	3037	3040	3045	rVB	34562	40389	5.14%	0.534%
80	20.707	3063	3067	3071	rBV	53260	75312	9.58%	0.995%
81	20.748	3071	3074	3077	rVB	37637	39515	5.03%	0.522%
82	20.790	3077	3081	3086	rBV3	32254	60224	7.66%	0.796%
83	20.954	3105	3109	3112	rBV5	15349	19714	2.51%	0.261%
84	21.054	3121	3126	3131	rBV2	356054	659515	83.91%	8.717%
85	21.101	3131	3134	3144	rVB	241728	327108	41.62%	4.323%
86	21.183	3146	3148	3150	rBV3	12388	8675	1.10%	0.115%
87	21.218	3150	3154	3160	rBV	60043	78406	9.98%	1.036%
88	21.383	3177	3182	3186	rBV3	31203	51907	6.60%	0.686%
89	21.788	3249	3251	3254	rBV3	17742	20728	2.64%	0.274%
90	22.582	3380	3386	3391	rBV2	202851	443159	56.39%	5.857%
91	22.734	3409	3412	3417	rVB	34582	54695	6.96%	0.723%
92	23.034	3458	3463	3468	rVB	98680	161438	20.54%	2.134%
93	23.128	3473	3479	3486	rVB	161783	277019	35.25%	3.661%
94	23.216	3489	3494	3499	rBV	109650	192375	24.48%	2.543%
95	25.378	3857	3862	3873	rVB2	99549	253720	32.28%	3.353%
96	26.048	3970	3976	3987	rVB	71574	196899	25.05%	2.602%
97	26.800	4102	4104	4106	rBV2	9791	7349	0.94%	0.097%
98	27.270	4182	4184	4186	rBV3	8766	6994	0.89%	0.092%
99	27.529	4227	4228	4229	rBV	9416	5277	0.67%	0.070%
100	28.210	4342	4344	4345	rBV2	7898	4639	0.59%	0.061%

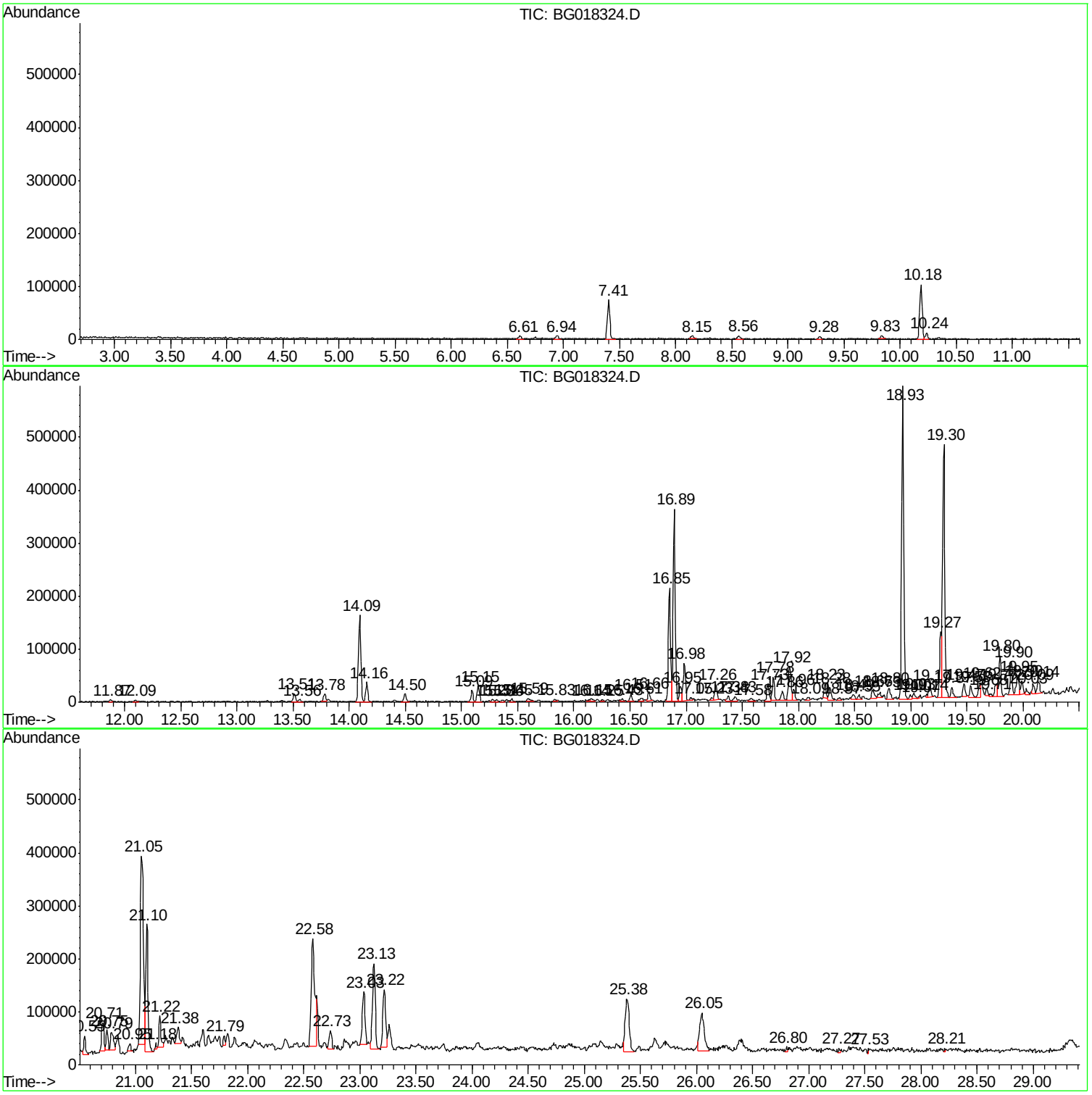
Sum of corrected areas: 7566087

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

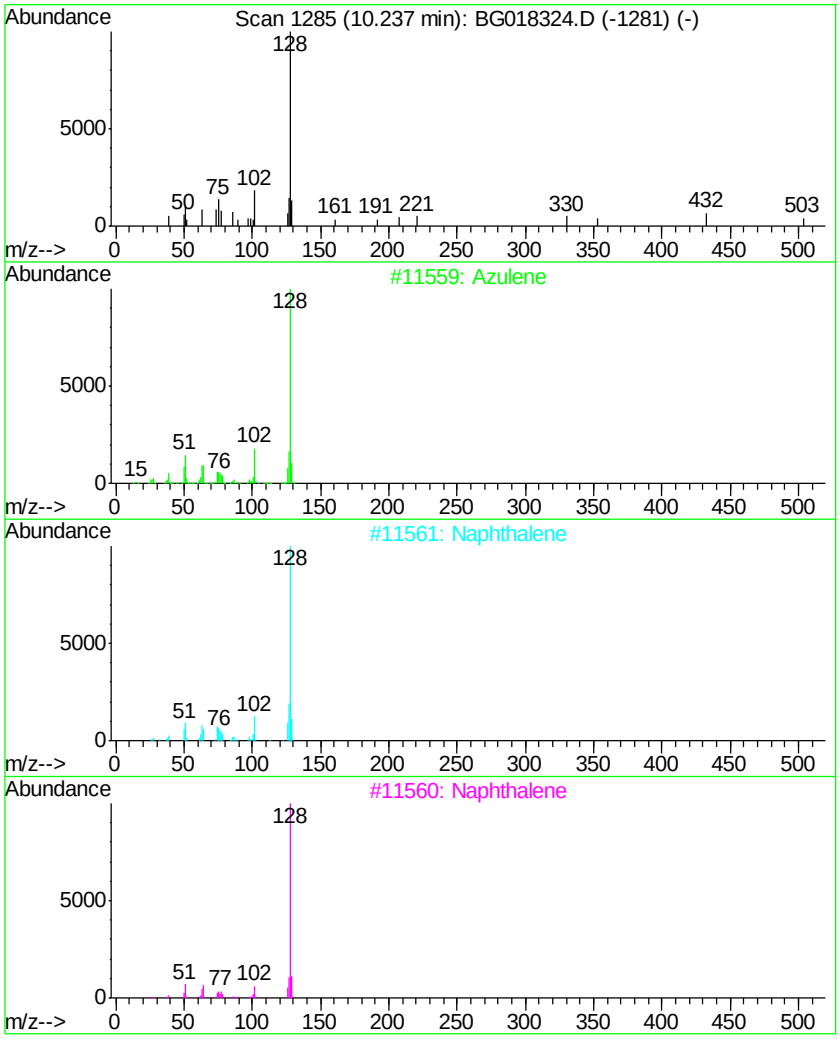
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

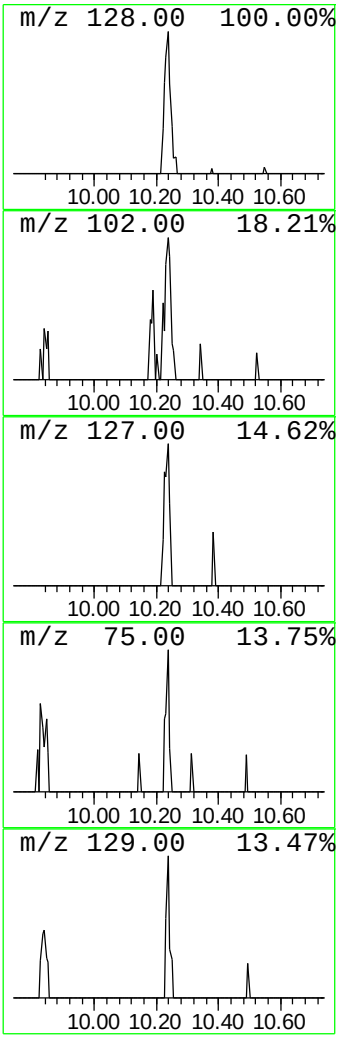
****

Peak Number 1 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.06 ng/ul	17228	Naphthalene-d8	10.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	64
2	Naphthalene	128	C10H8	000091-20-3	64
3	Naphthalene	128	C10H8	000091-20-3	64
4	Azulene	128	C10H8	000275-51-4	64
5	Naphthalene	128	C10H8	000091-20-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

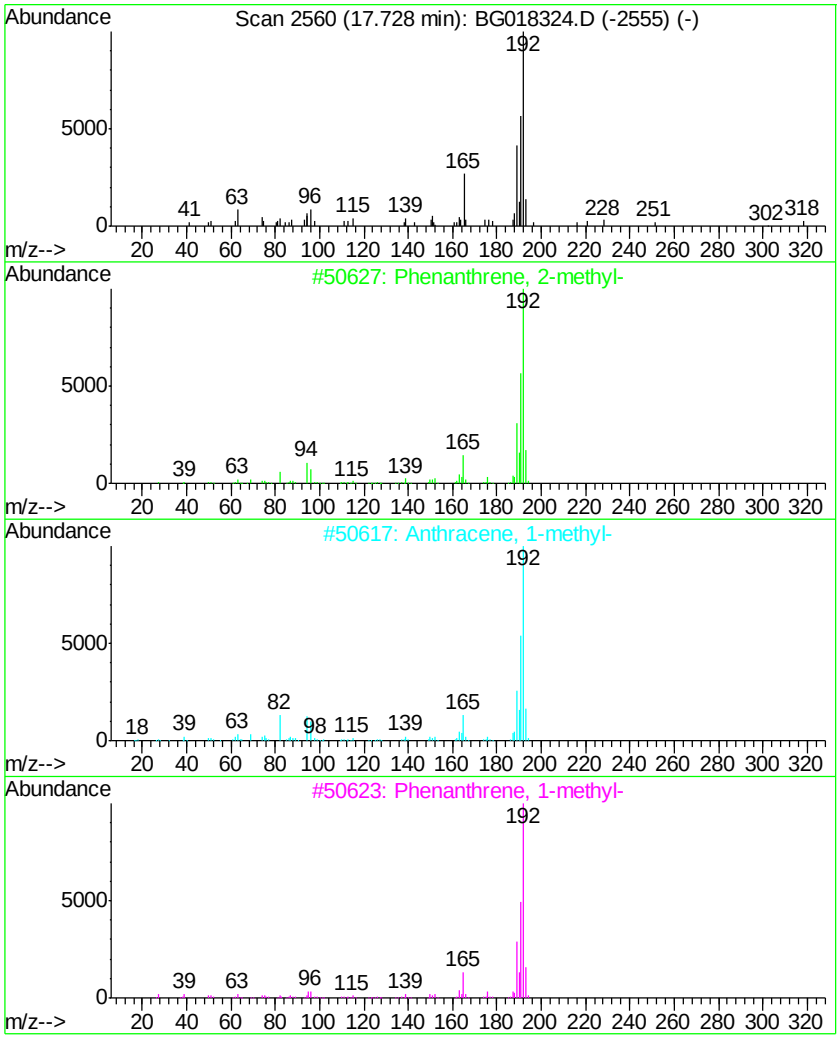
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

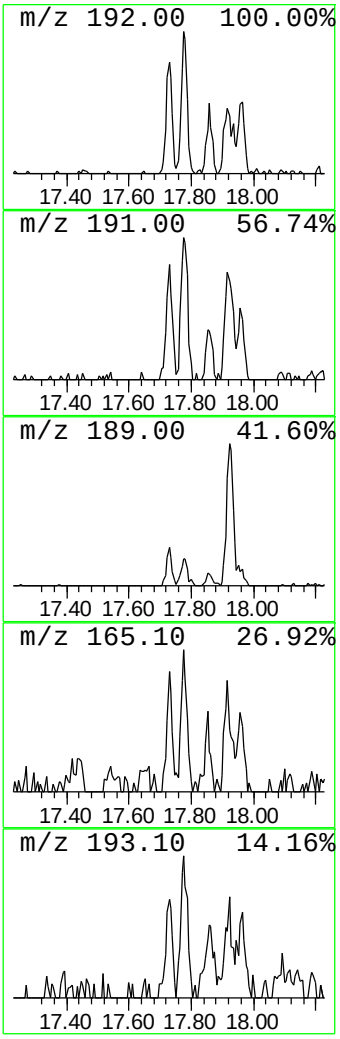
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.12 ng/ul	47216	Phenanthrene-d10	16.85

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	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

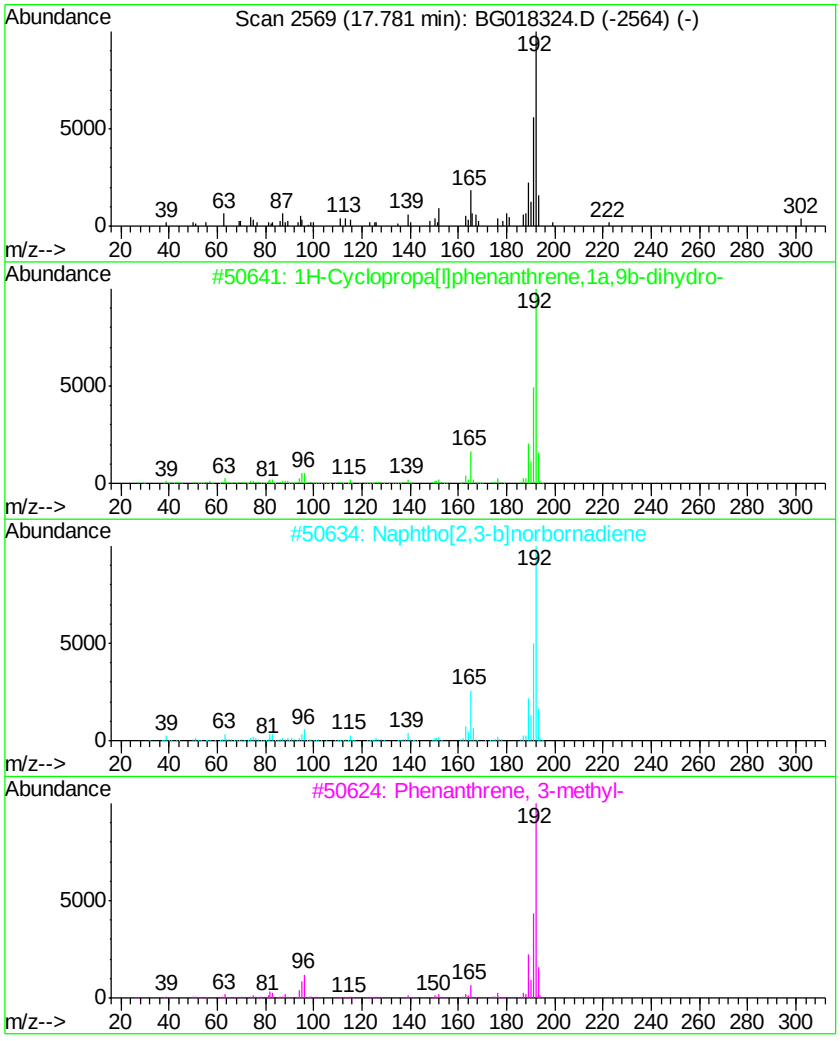
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

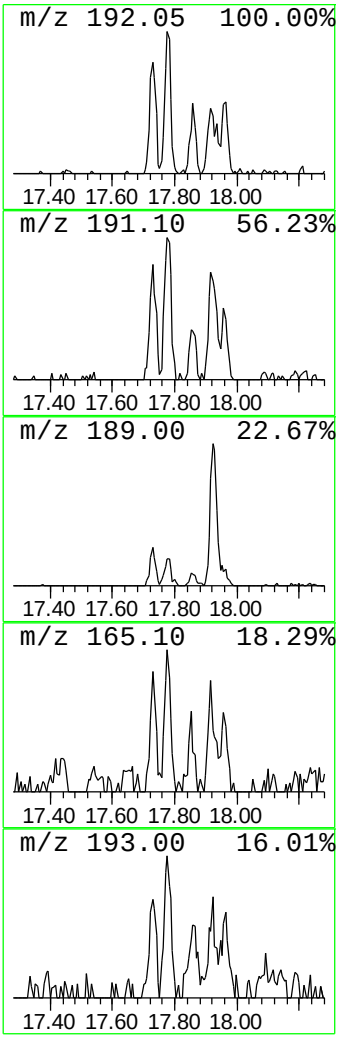
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.99 ng/ul	60428	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

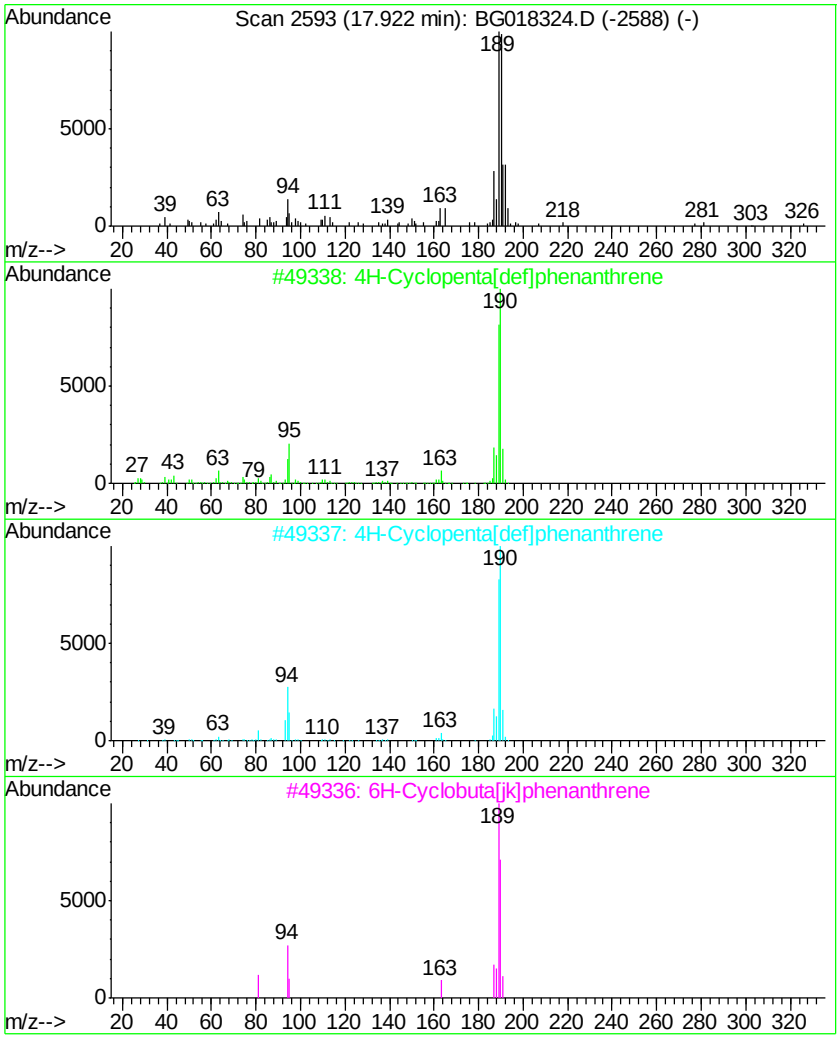
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

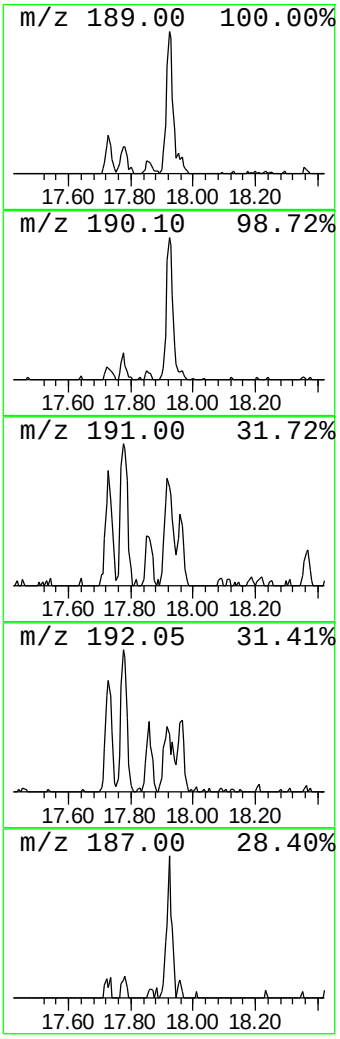
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	6.98 ng/ul	105836	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

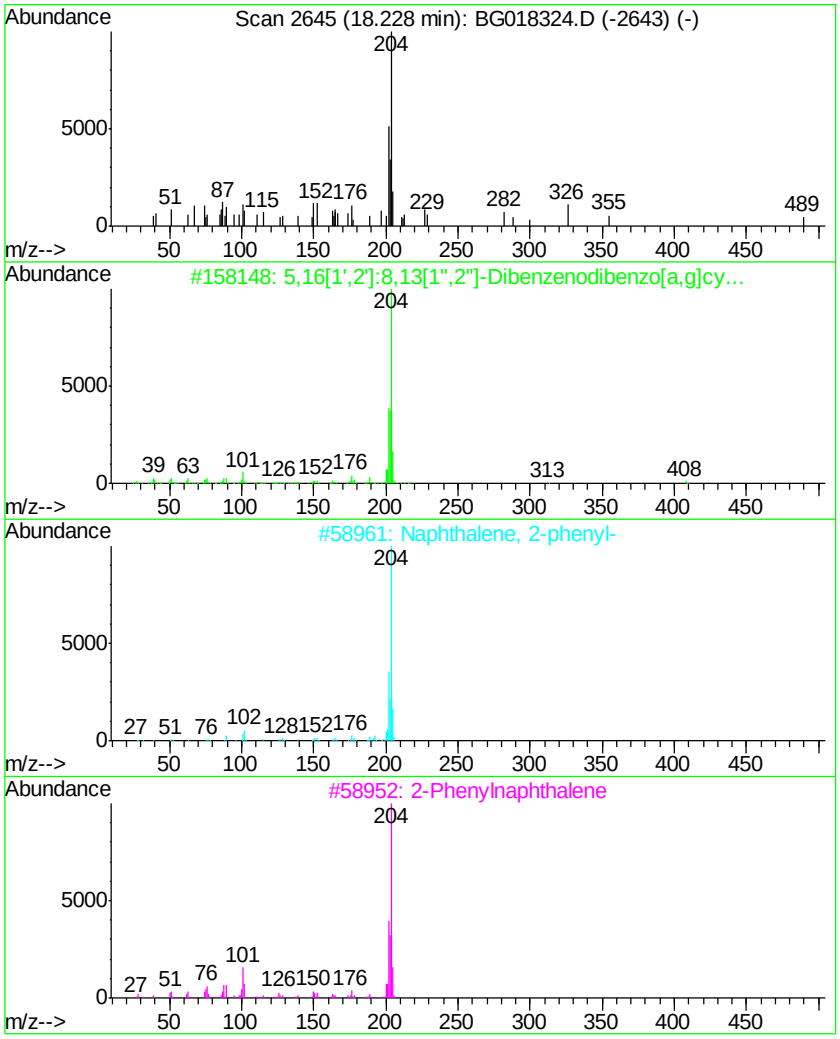
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

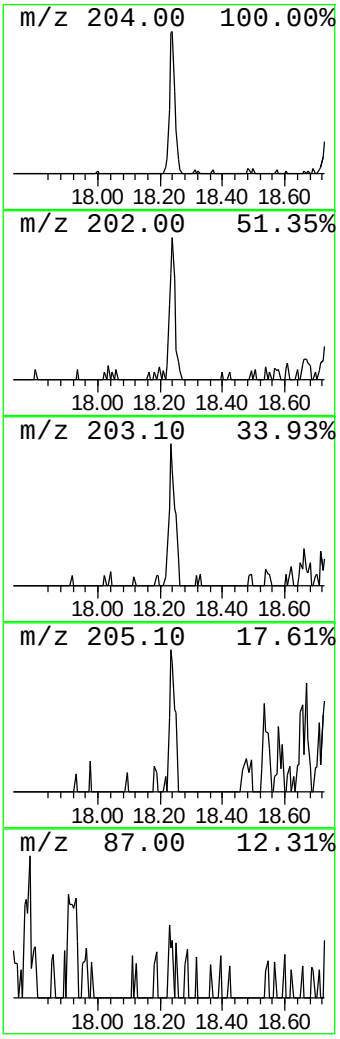
****

Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.10 ng/ul	31878	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

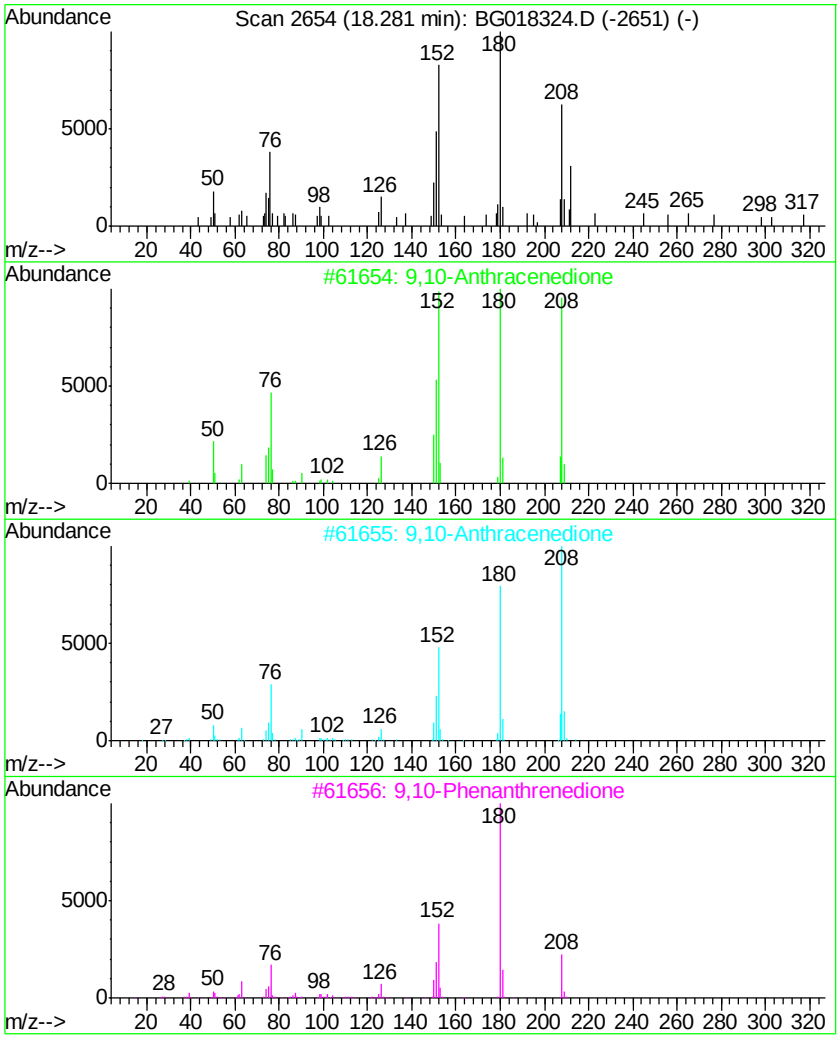
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

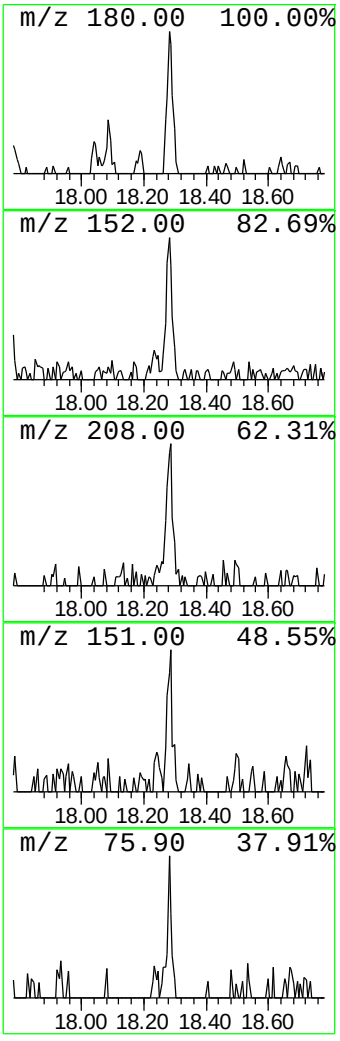
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.13 ng/ul	32301	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

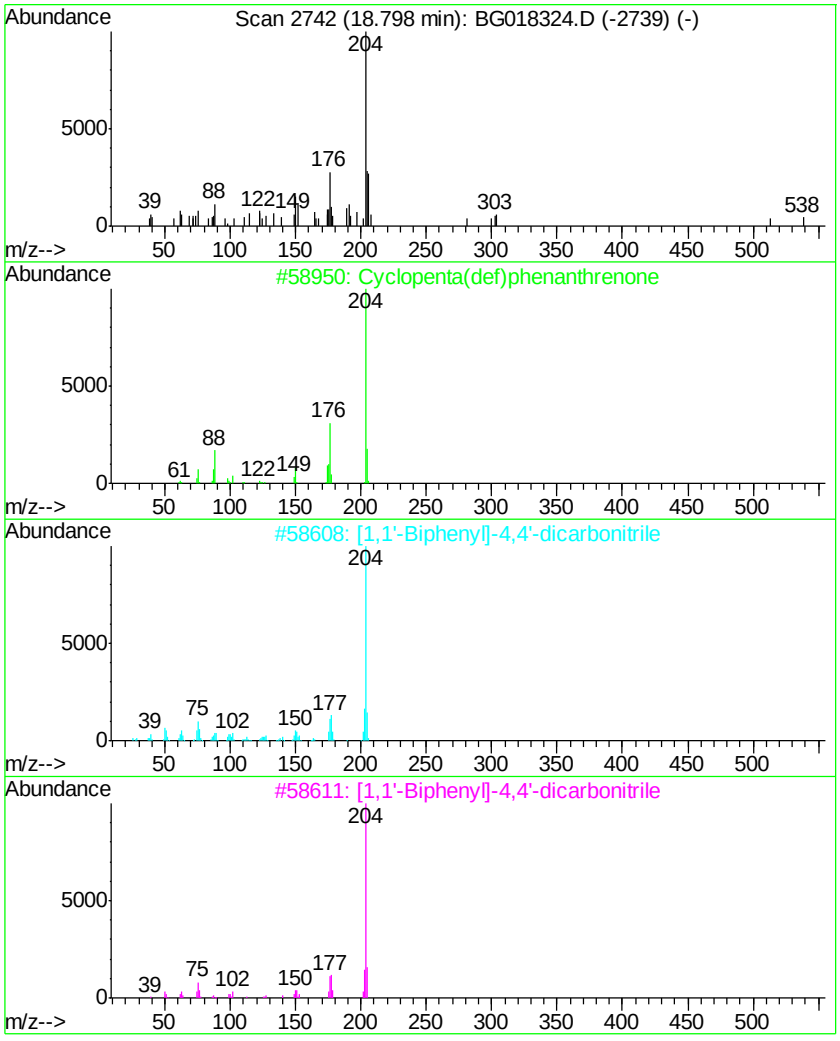
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

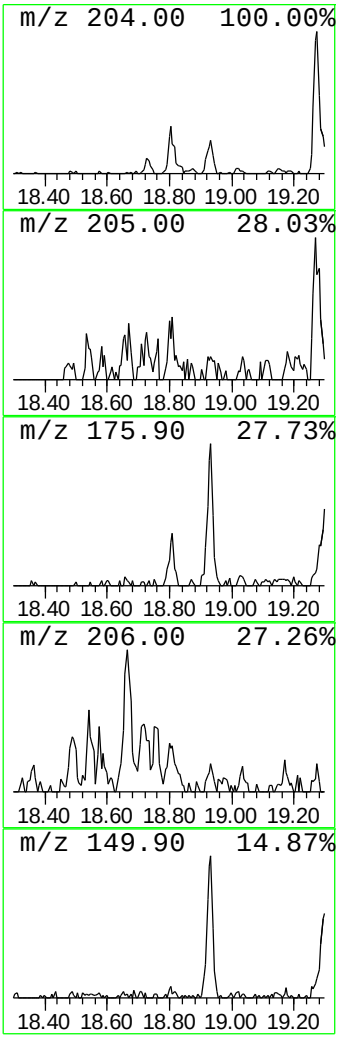
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.29 ng/ul	34692	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	9-Cyanoacridine 10-oxide	220	C14H8N2O	010228-98-5	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

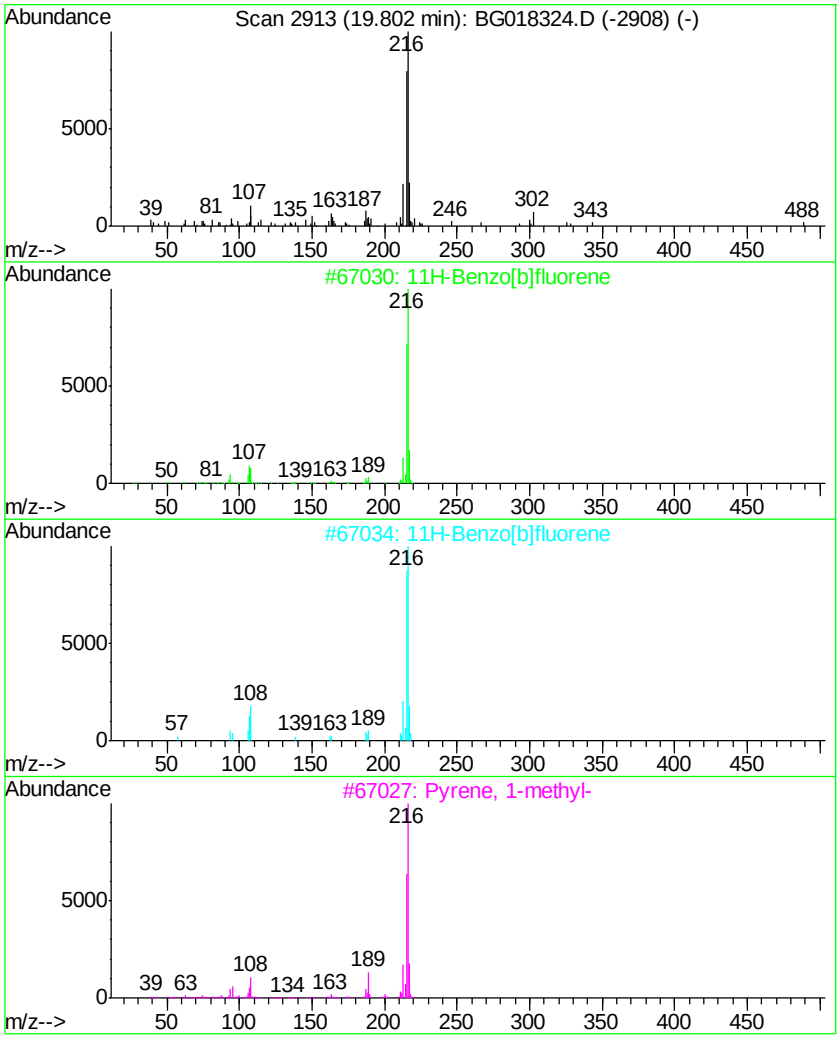
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

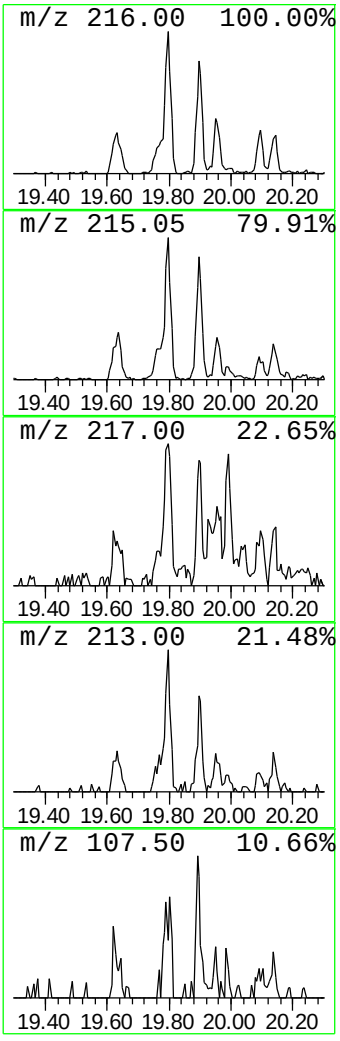
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.10 ng/ul	102324	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	2-[3-Pyridylmethylene-3-quinucl...	216	C13H16N2O	273748-56-4	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

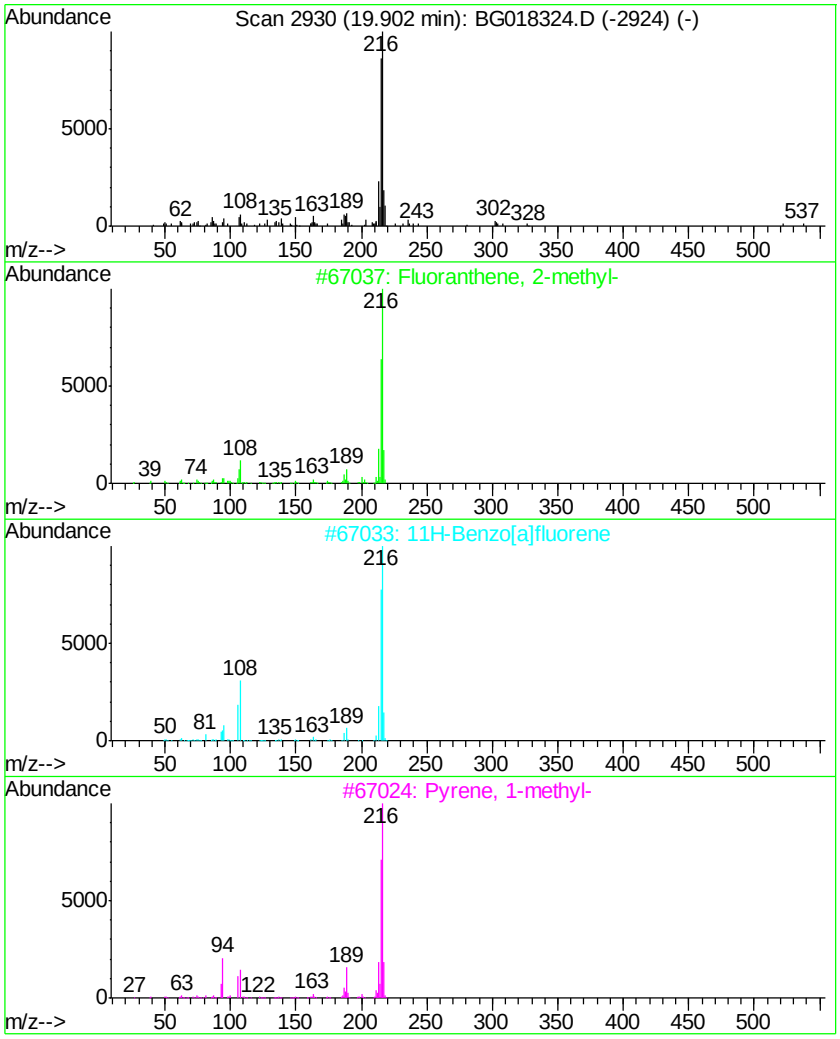
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

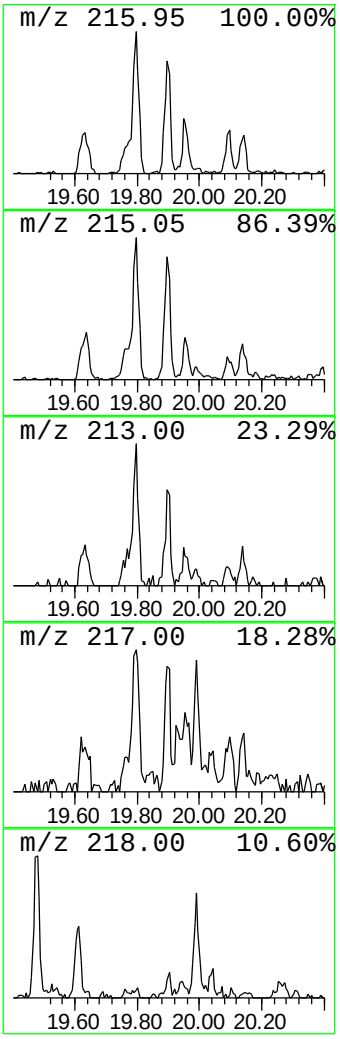
****

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.56 ng/ul	84343	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

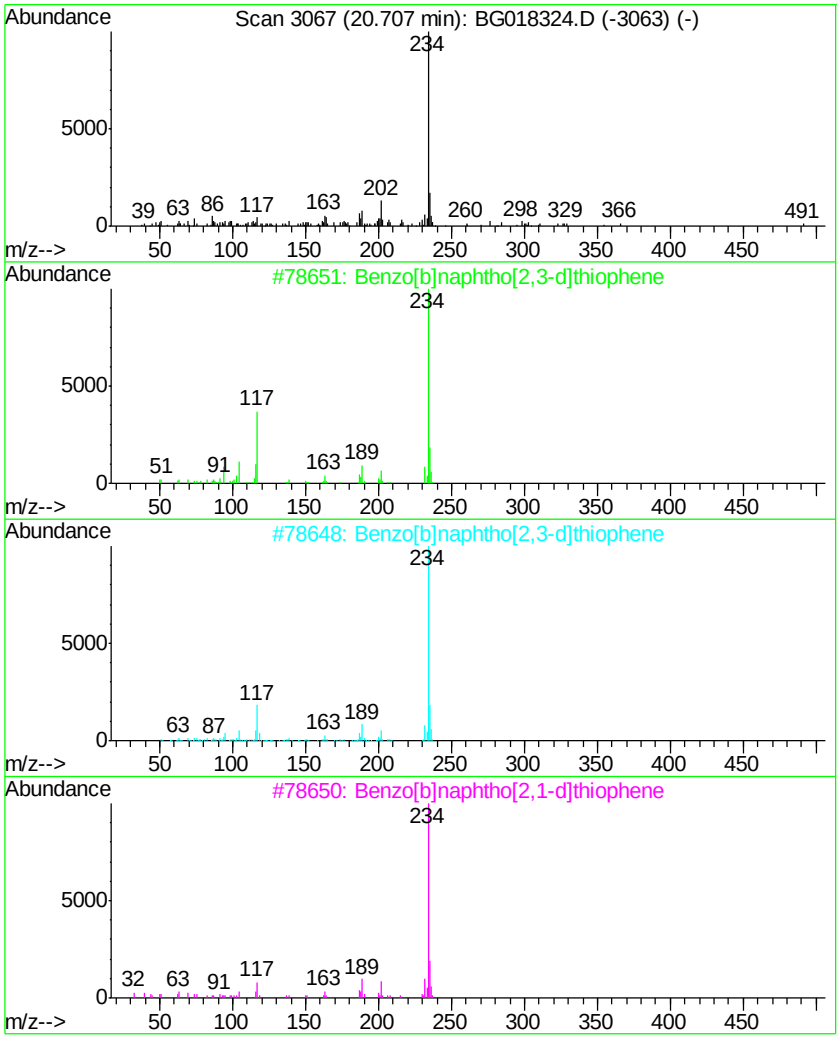
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

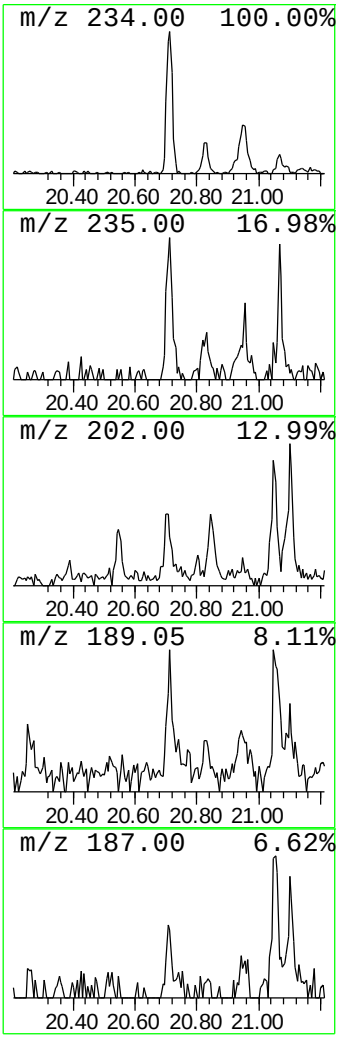
****

Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.28 ng/ul	75312	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	72
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION

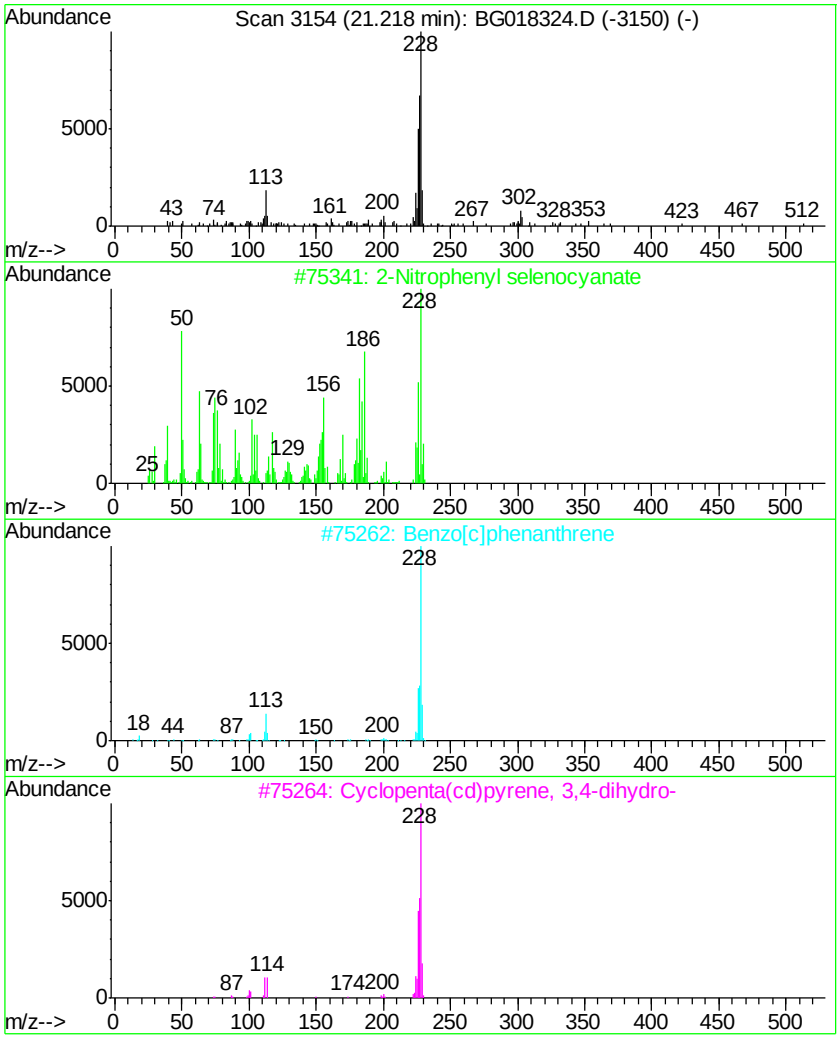
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

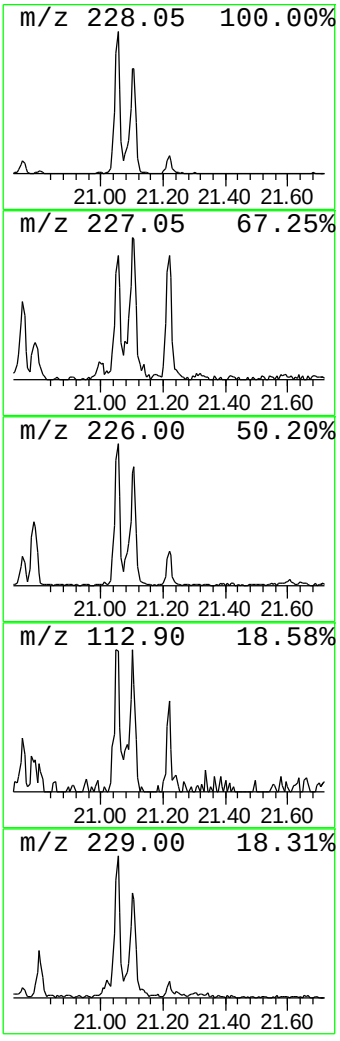
****

Peak Number 11 2-Nitrophenyl selenocyanate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.38 ng/ul	78406	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	50
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	45
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018324.D
Acq On : 8 Aug 2015 10:44
Operator : UM/TP
Sample : G3095-11DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.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
Azulene	10.24	2.1	ng/ul	17228	2	10.18	166888	20.0
Phenanthrene, 2-m...	17.73	3.1	ng/ul	47216	4	16.85	303101	20.0
1H-Cyclopropa[l]p...	17.78	4.0	ng/ul	60428	4	16.85	303101	20.0
4H-Cyclopenta[def...	17.92	7.0	ng/ul	105836	4	16.85	303101	20.0
5,16[1',2']:8,13[...	18.23	2.1	ng/ul	31878	4	16.85	303101	20.0
9,10-Anthracenedione	18.28	2.1	ng/ul	32301	4	16.85	303101	20.0
Cyclopenta(def)ph...	18.80	2.3	ng/ul	34692	4	16.85	303101	20.0
11H-Benzo[b]fluorene	19.80	3.1	ng/ul	102324	5	21.07	659515	20.0
Fluoranthene, 2-m...	19.90	2.6	ng/ul	84343	5	21.07	659515	20.0
Benzo[b]naphtho[2...	20.71	2.3	ng/ul	75312	5	21.07	659515	20.0
2-Nitrophenyl sel...	21.22	2.4	ng/ul	78406	5	21.07	659515	20.0