LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM01.2-EPA-BG033115.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	2.896	30	35	45	rVV	54667	127327	6.77%	0.658%
2	2.978	45	49	55	rVB	71551	99883	5.31%	0.516%
3	6.938	715	723	730	rBV	33584	53715	2.86%	0.277%
4	7.103	744	751	758	rBV	24894	39612	2.11%	0.205%
5	7.302	777	785	792	rBV	31645	50987	2.71%	0.263%
6	7.766	858	864	874	rBV	278420	434094	23.08%	2.242%
7	8.472	978	984	990	rVB2	38804	61712	3.28%	0.319%
8	8.924	1055	1061	1067	rVB	28093	48947	2.60%	0.253%
9	9.641	1178	1183	1188	rVB2	23329	38211	2.03%	0.197%
10	10.175	1269	1274	1283	rVB	32594	54781	2.91%	0.283%
11	10.551	1330	1338	1345	rBV	384523	650691	34.59%	3.361%
12	10.687	1353	1361	1370	rVB	26204	46683	2.48%	0.241%
13	13.560	1844	1850	1859	rBV3	10218	23517	1.25%	0.121%
14	13.718	1872	1877	1882	rBV3	17739	27626	1.47%	0.143%
15	13.771	1882	1886	1888	rBV	15921	20238	1.08%	0.105%
16	13.806	1888	1892	1896	rVV	55802	74886	3.98%	0.387%
17	13.853	1896	1900	1903	rVV	19329	24419	1.30%	0.126%
18	13.948	1913	1916	1920	rBV2	9815	13615	0.72%	0.070%
19	14.089	1935	1940	1944	rBV	71523	111653	5.94%	0.577%
20	14.400	1984	1993	1999	rVV2	562579	862128	45.84%	4.453%
21	14.459	1999	2003	2011	rVV	73539	106239	5.65%	0.549%
22	14.600	2019	2027	2037	rVB3	31235	54430	2.89%	0.281%
23	14.700	2039	2044	2049	rBV7	6726	14679	0.78%	0.076%
24	14.794	2054	2060	2068	rVB	62217	93822	4.99%	0.485%
25	14.870	2068	2073	2078	rBV	22260	31061	1.65%	0.160%
26	15.011	2092	2097	2102	rBV2	19166	32840	1.75%	0.170%
27	15.064	2102	2106	2112	rVB2	17192	23935	1.27%	0.124%
28	15.181	2119	2126	2129	rBV6	15035	32035	1.70%	0.165%
29	15.217	2129	2132	2135	rVV	13105	19128	1.02%	0.099%
30	15.240	2135	2136	2141	rVB3	10577	11692	0.62%	0.060%
31	15.387	2152	2161	2165	rVV	97221	146438	7.79%	0.756%
32	15.440	2165	2170	2178	rVV2	95404	154018	8.19%	0.796%
33	15.505	2178	2181	2184	rVV2	15475	21010	1.12%	0.109%
34	15.540	2185	2187	2189	rVV2	12417	13423	0.71%	0.069%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

35	15.563	2189	2191	2195	rVV2	18283	25440	1.35%	0.131%
36	15.604	2195	2198	2202	rVV4	13923	20006	1.06%	0.103%
37	15.651	2202	2206	2210	rVV5	16651	25073	1.33%	0.130%
38	15.734	2215	2220	2227	rVB	52327	83515	4.44%	0.431%
39	15.881	2238	2245	2253	rVB2	57272	124319	6.61%	0.642%
40	15.975	2253	2261	2266	rVB3	14301	34590	1.84%	0.179%
41	16.104	2277	2283	2291	rBV5	37677	89790	4.77%	0.464%
42	16.251	2304	2308	2312	rBV5	9362	11852	0.63%	0.061%
43	16.445	2331	2341	2346	rBV4	36627	81375	4.33%	0.420%
44	16.497	2346	2350	2354	rVB3	15035	25259	1.34%	0.130%
45	16.539	2354	2357	2360	rBV5	7804	11809	0.63%	0.061%
46	16.597	2364	2367	2372	rVB5	12697	17384	0.92%	0.090%
47	16.674	2372	2380	2383	rBV3	37073	74582	3.97%	0.385%
48	16.709	2383	2386	2390	rVB2	22098	30571	1.63%	0.158%
49	16.791	2395	2400	2407	rVB	73295	118530	6.30%	0.612%
50	16.868	2407	2413	2416	rBV	41149	72274	3.84%	0.373%
51	16.956	2424	2428	2436	rVB	55774	93075	4.95%	0.481%
52	17.138	2453	2459	2462	rBV	693132	966611	51.39%	4.993%
53	17.179	2462	2466	2471	rVV	869048	1175938	62.52%	6.074%
54	17.238	2471	2476	2478	rVV	97846	154972	8.24%	0.801%
55	17.267	2478	2481	2486	rVB	240827	318748	16.95%	1.647%
56	17.320	2486	2490	2496	rBV3	21081	41612	2.21%	0.215%
57	17.408	2502	2505	2508	rBV5	8355	12242	0.65%	0.063%
58	17.443	2509	2511	2515	rVB3	11856	14840	0.79%	0.077%
59	17.508	2517	2522	2524	rBV6	9949	15309	0.81%	0.079%
60	17.537	2524	2527	2530	rVV2	21952	30723	1.63%	0.159%
61	17.573	2530	2533	2539	rVV4	16402	37760	2.01%	0.195%
62	17.631	2540	2543	2545	rVV4	15049	21006	1.12%	0.109%
63	17.655	2545	2547	2552	rVB2	26462	31651	1.68%	0.163%
64	17.714	2554	2557	2567	rVB5	30301	51116	2.72%	0.264%
65	17.784	2567	2569	2572	rBV3	7443	11565	0.61%	0.060%
66	17.931	2590	2594	2598	rVB2	19281	26663	1.42%	0.138%
67	18.013	2603	2608	2612	rVV	111709	179816	9.56%	0.929%
68	18.060	2612	2616	2621	rVB	176157	251142	13.35%	1.297%
69	18.143	2624	2630	2635	rBV	77418	119965	6.38%	0.620%
70	18.207	2635	2641	2645	rVV2	186993	327772	17.43%	1.693%
71	18.242	2645	2647	2652	rVB	76685	95079	5.05%	0.491%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION

72	18.325	2657	2661	2664	rBV6	17405	25880	1.38%	0.134%
73	18.513	2688	2693	2697	rBV	99579	135522	7.21%	0.700%
74	18.554	2697	2700	2706	rVB2	46830	68348	3.63%	0.353%
75	18.759	2731	2735	2740	rBV4	28919	51190	2.72%	0.264%
76	18.807	2740	2743	2746	rVV2	30155	38279	2.04%	0.198%
77	18.848	2746	2750	2754	rVB	29237	38482	2.05%	0.199%
78	18.930	2759	2764	2769	rBV2	59258	121500	6.46%	0.628%
79	19.071	2784	2788	2793	rBV2	95878	134318	7.14%	0.694%
80	19.194	2803	2809	2815	rBV	1414916	1837130	97.67%	9.490%
81	19.294	2822	2826	2830	rBV2	29582	43506	2.31%	0.225%
82	19.435	2848	2850	2854	rVB2	25473	25544	1.36%	0.132%
83	19.523	2860	2865	2867	rBV3	293854	395854	21.05%	2.045%
84	19.559	2867	2871	2878	rVV	1019234	1391455	73.98%	7.188%
85	19.629	2879	2883	2889	rVB2	69598	113115	6.01%	0.584%
86	19.735	2897	2901	2906	rBV	76243	102782	5.46%	0.531%
87	19.799	2908	2912	2916	rVB	42568	62759	3.34%	0.324%
88	19.876	2921	2925	2932	rBV4	89223	213962	11.38%	1.105%
89	20.052	2945	2955	2968	rVV5	169311	488472	25.97%	2.523%
90	20.146	2969	2971	2974	rVB2	50815	51619	2.74%	0.267%
91	20.346	3003	3005	3008	rVB2	47699	42767	2.27%	0.221%
92	20.393	3010	3013	3017	rVB	50231	66026	3.51%	0.341%
93	20.792	3078	3081	3086	rVB	150014	191866	10.20%	0.991%
94	21.092	3128	3132	3138	rVB	149467	210732	11.20%	1.089%
95	21.309	3163	3169	3173	rBV2	984101	1880932	100.00%	9.716%
96	21.351	3173	3176	3185	rVB	487205	621686	33.05%	3.211%
97	22.902	3435	3440	3446	rBV2	336160	821133	43.66%	4.242%
98	23.395	3520	3524	3529	rVB	163637	249880	13.28%	1.291%
99	23.489	3536	3540	3548	rVB	313512	586003	31.15%	3.027%
100	23.595	3552	3558	3563	rVV2	495204	904815	48.10%	4.674%

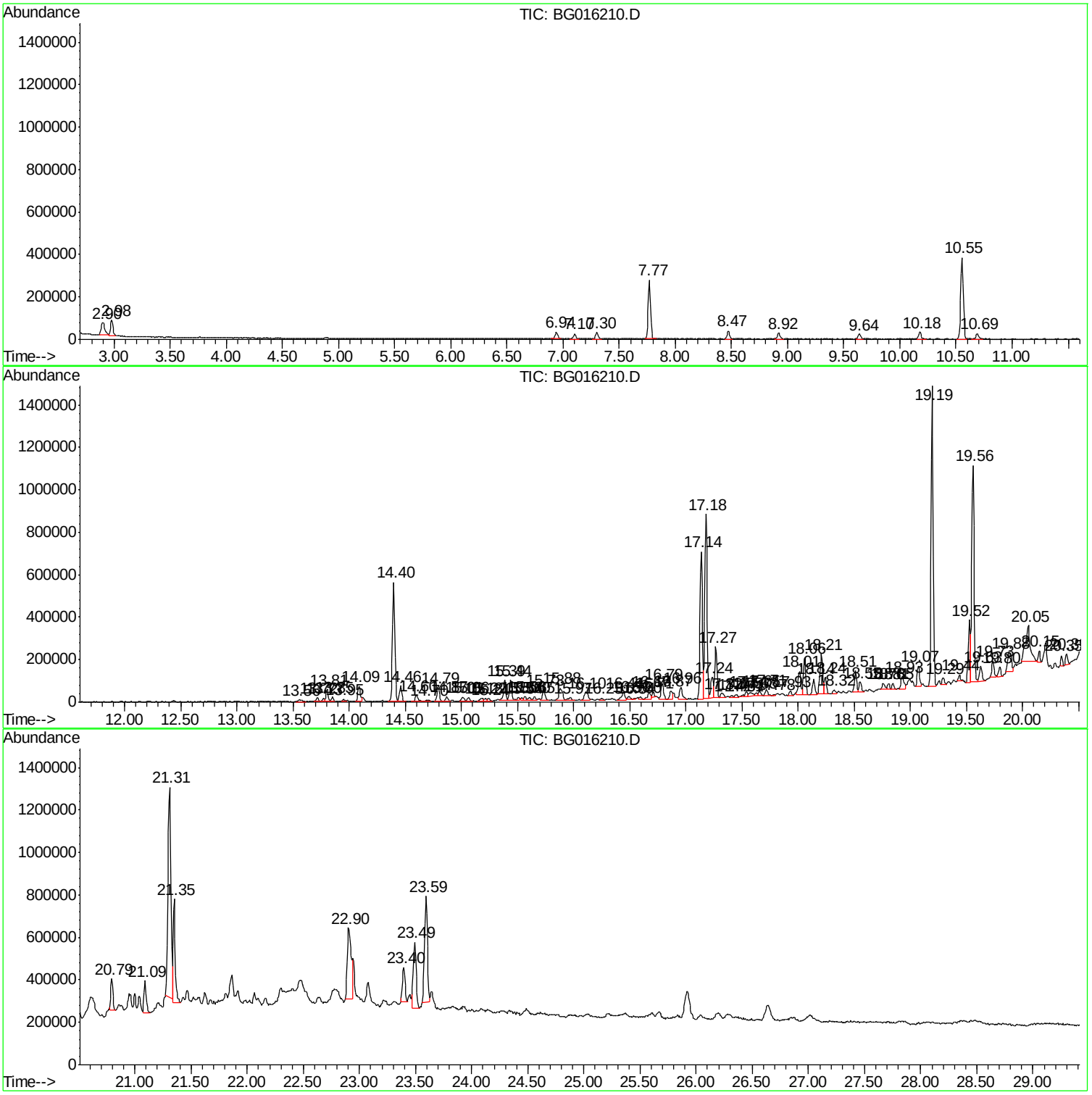
Sum of corrected areas: 19359006

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

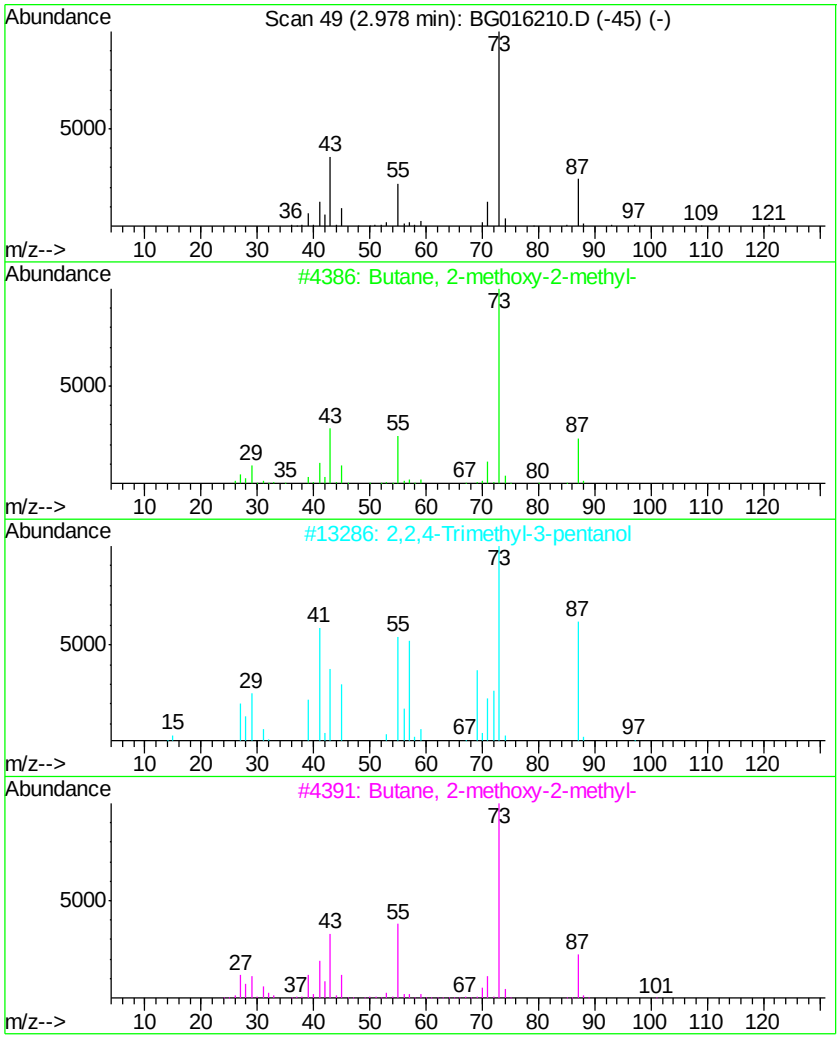
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

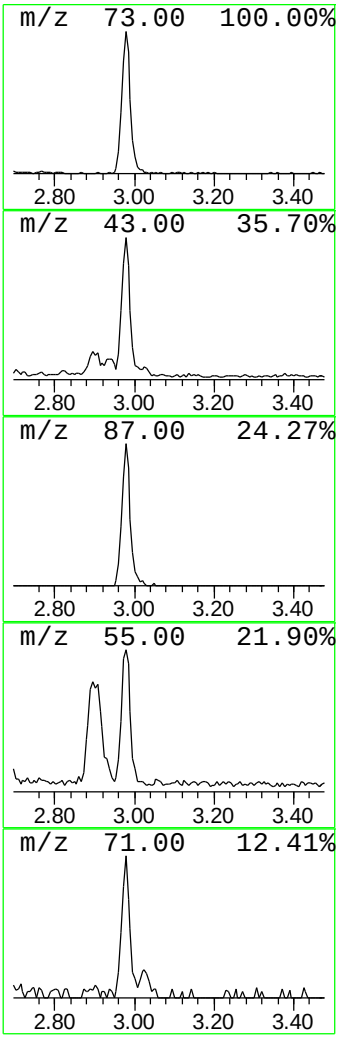
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.60 ng/ul	99883	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	72
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

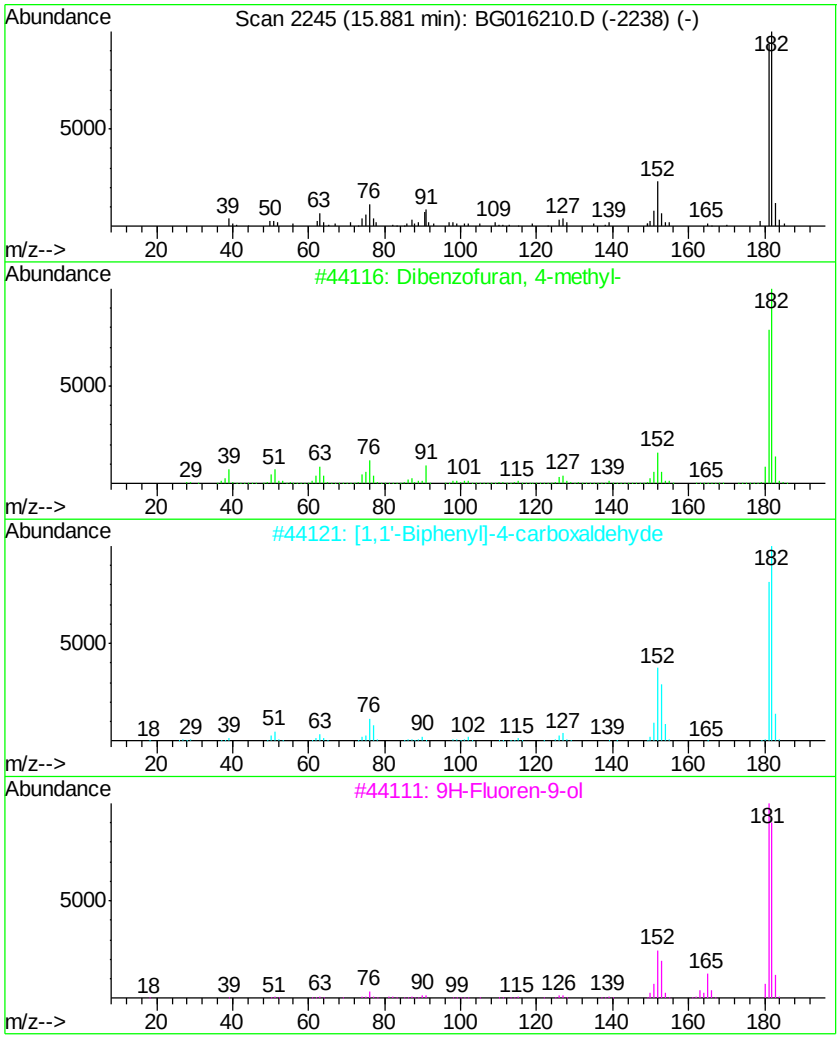
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

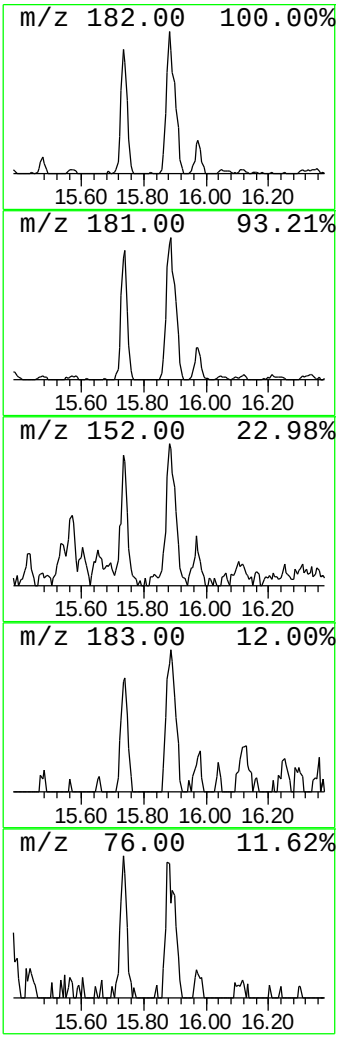
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.57 ng/ul	124319	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Xanthene	182	C13H10O	000092-83-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

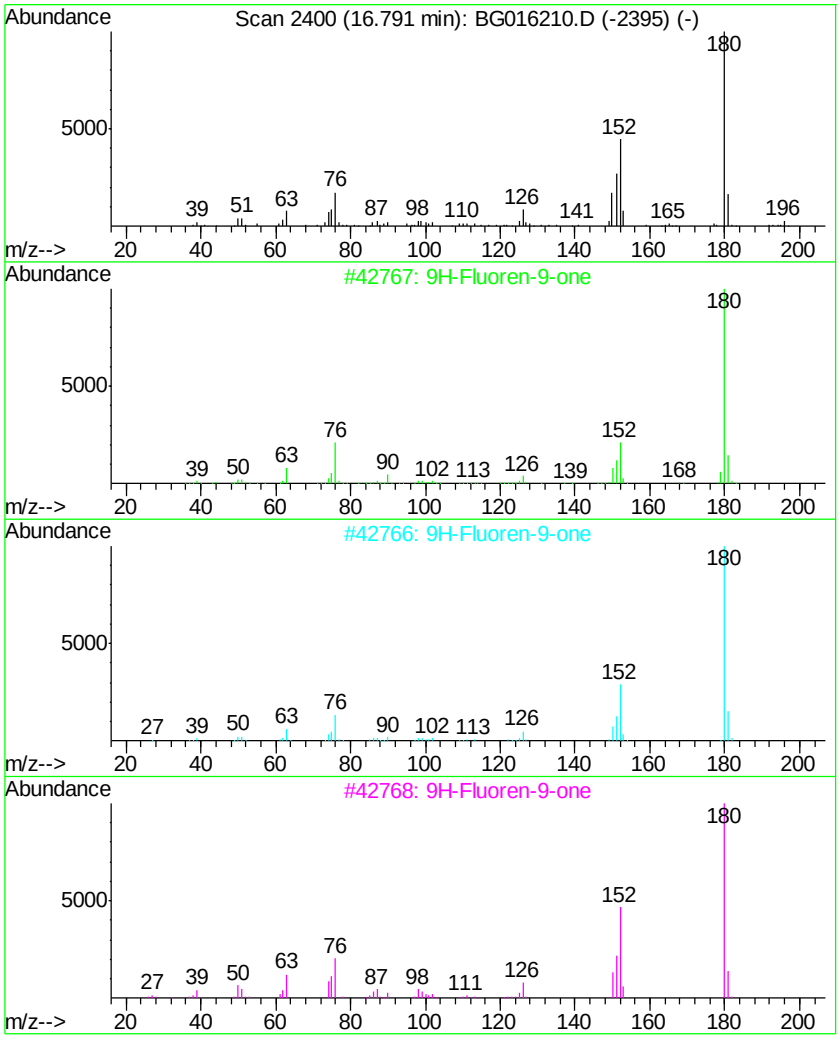
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

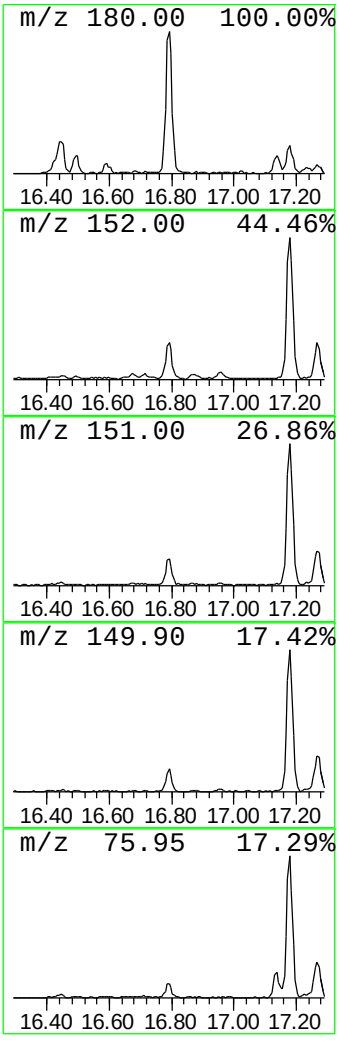
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.45 ng/ul	118530	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

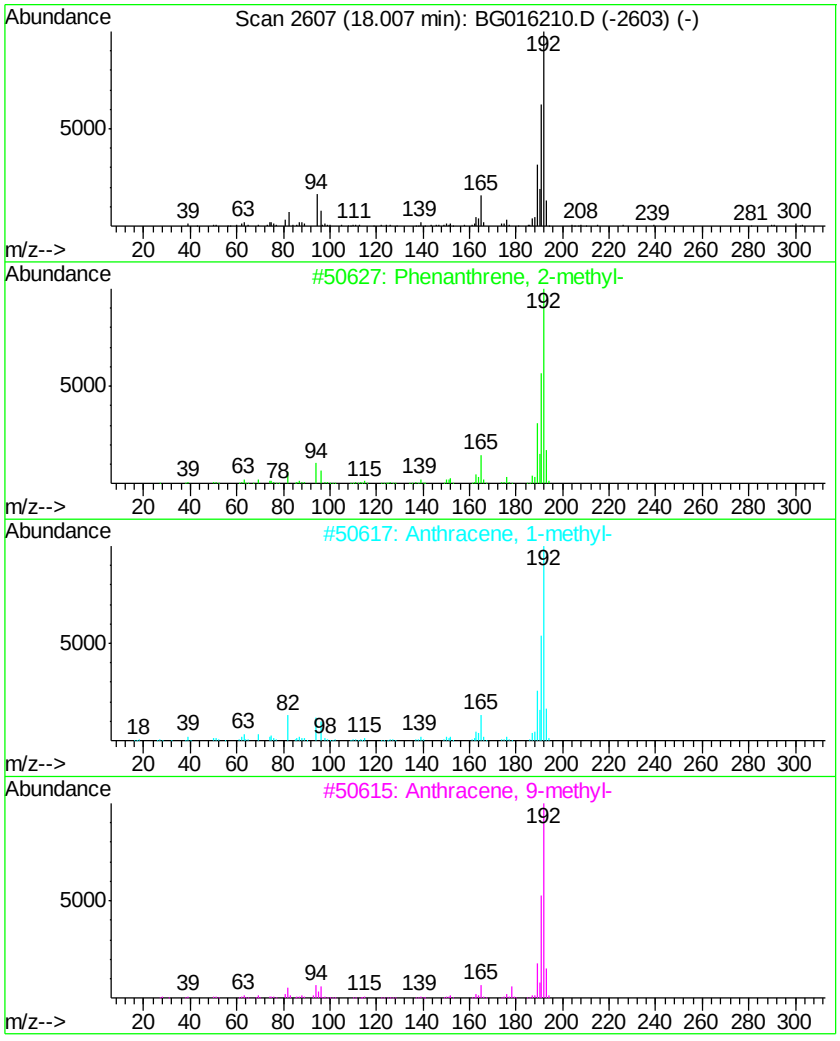
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

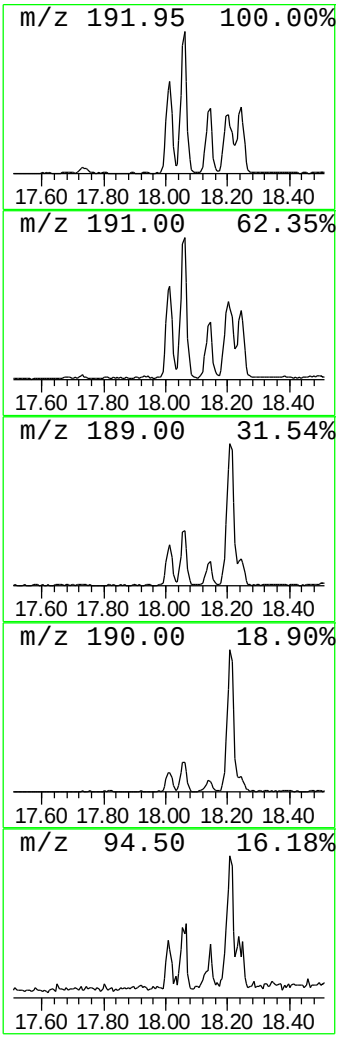
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.72 ng/ul	179816	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

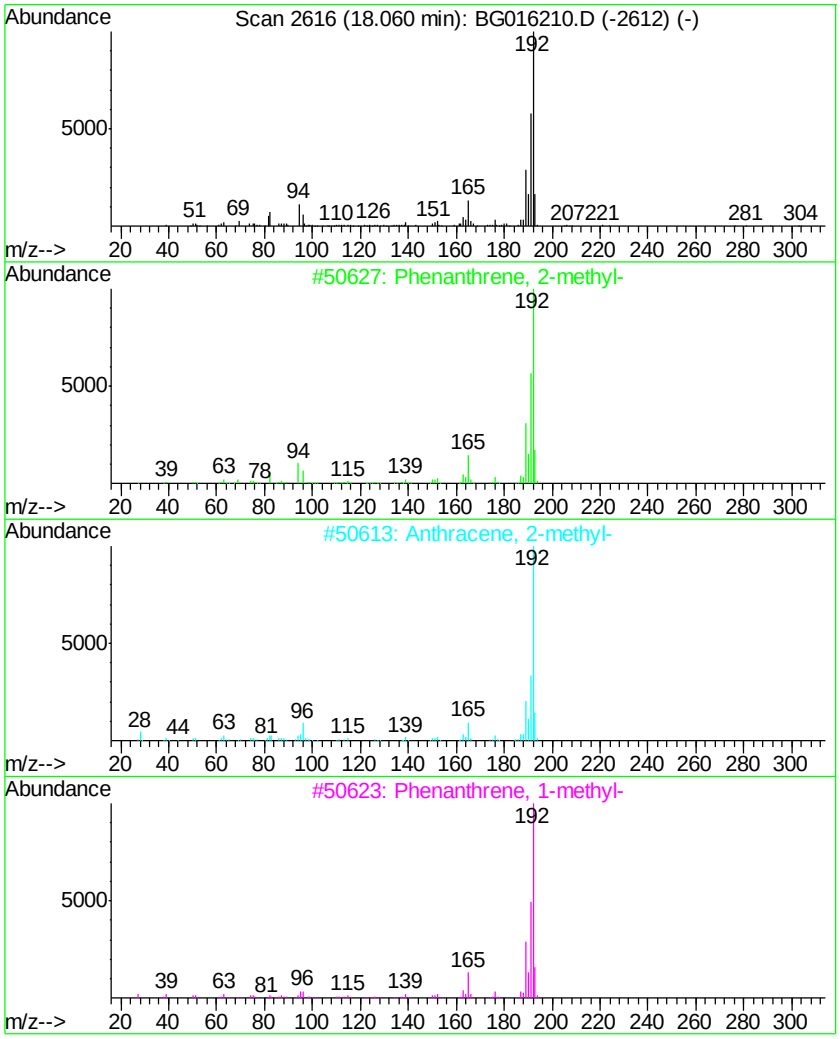
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

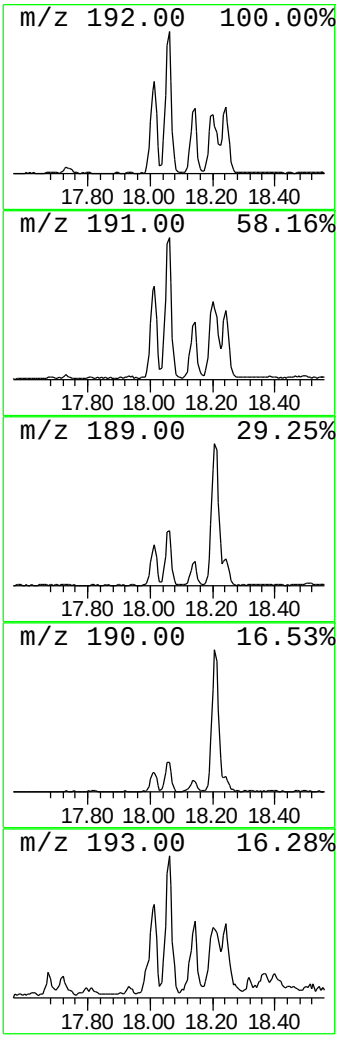
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.20 ng/ul	251142	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

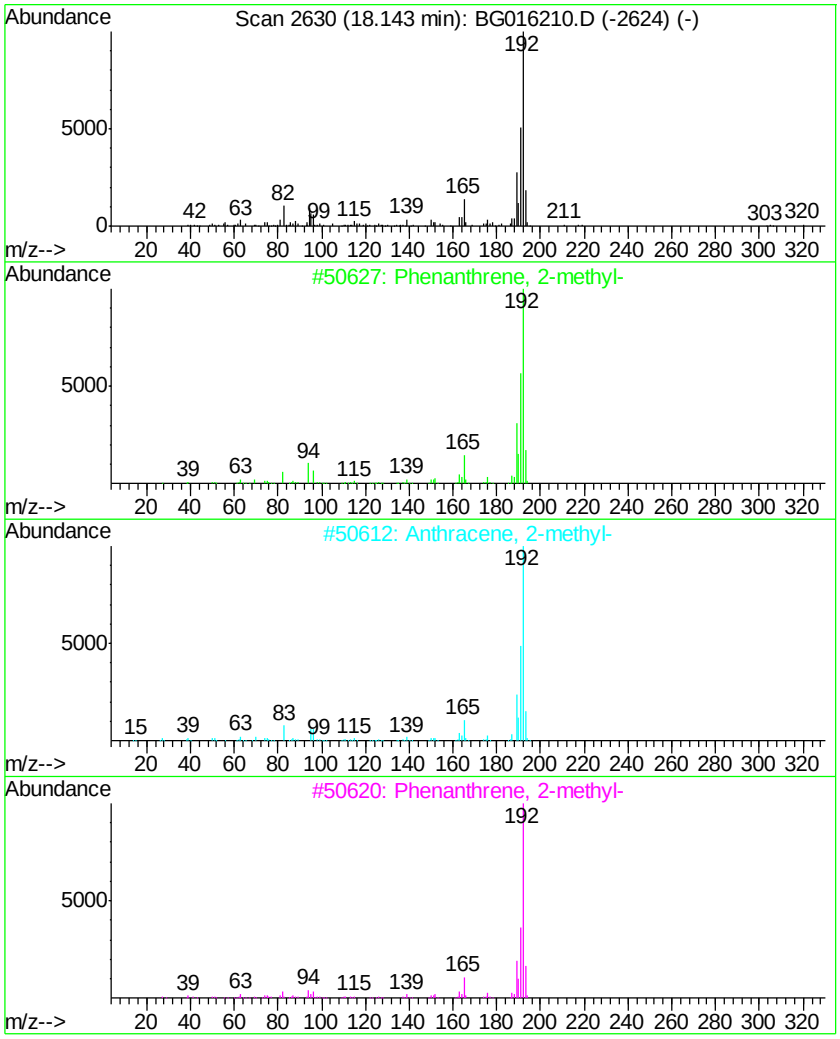
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

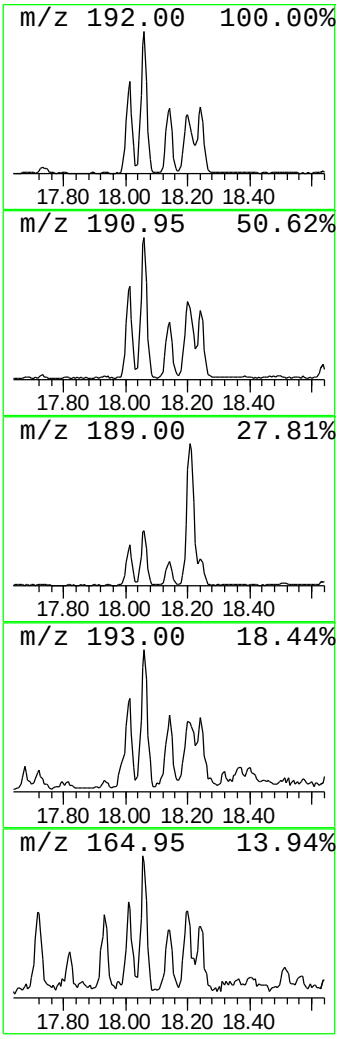
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.48 ng/ul	119965	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

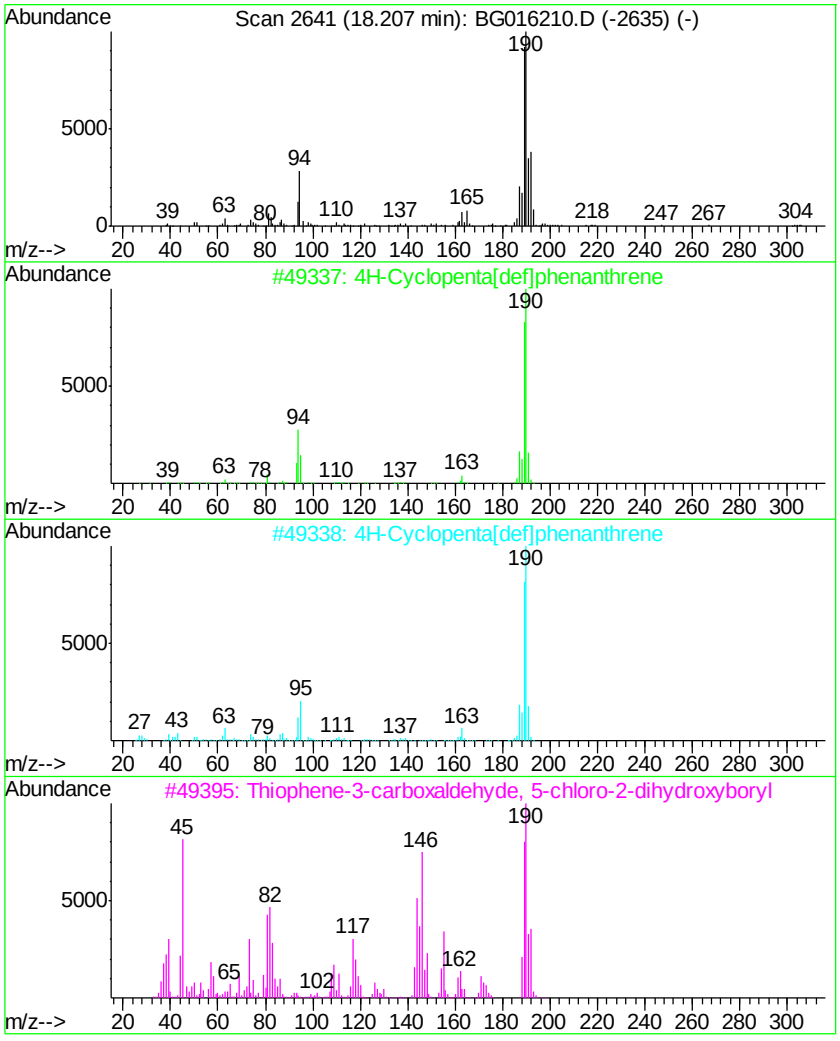
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

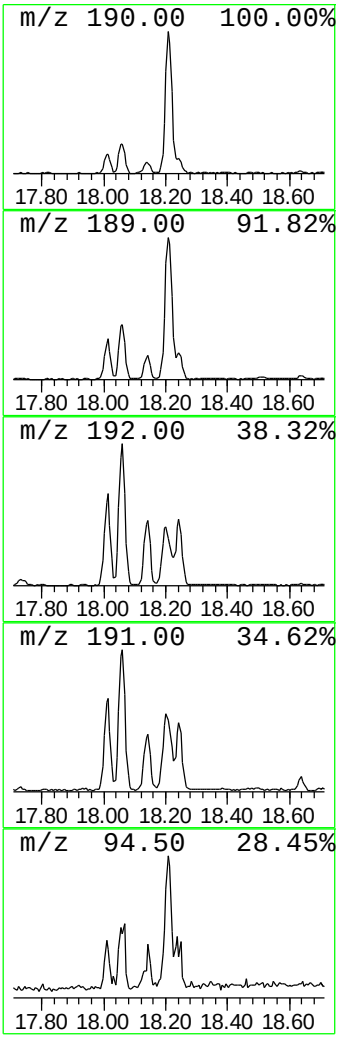
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	6.78 ng/ul	327772	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

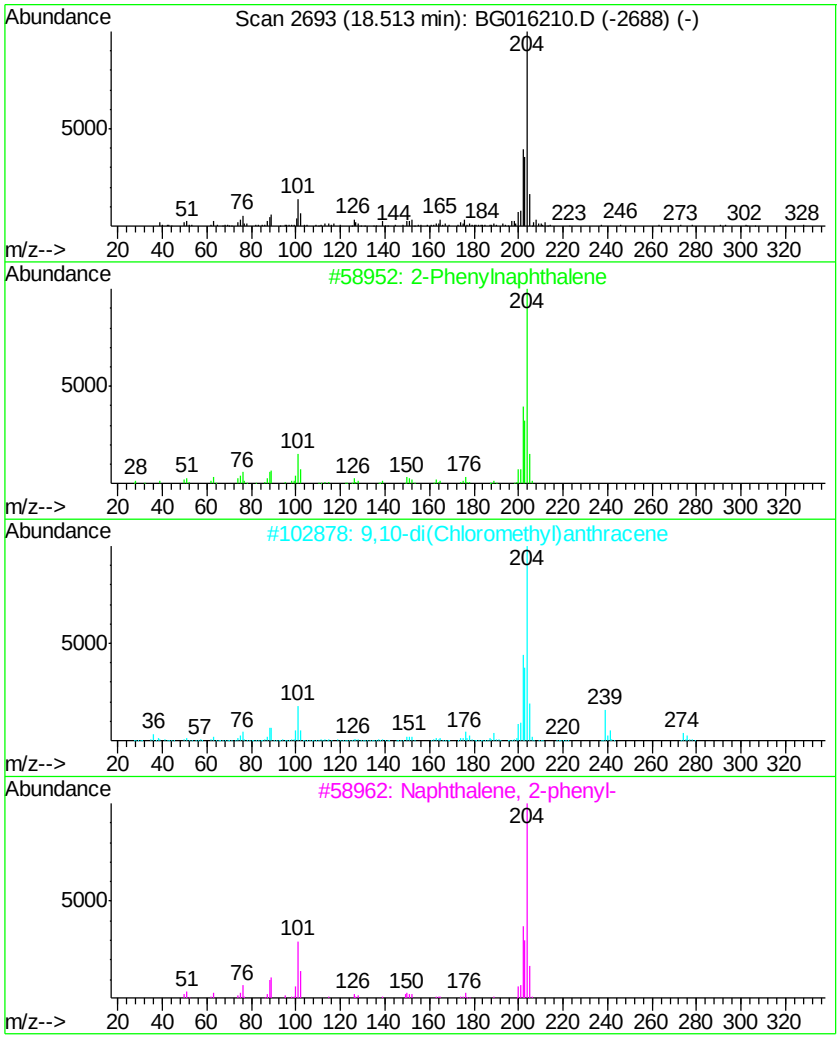
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

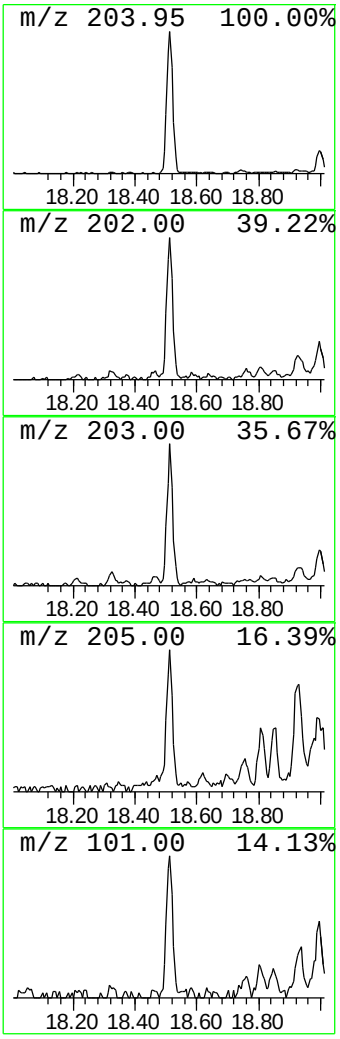
****

Peak Number 9 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.80 ng/ul	135522	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

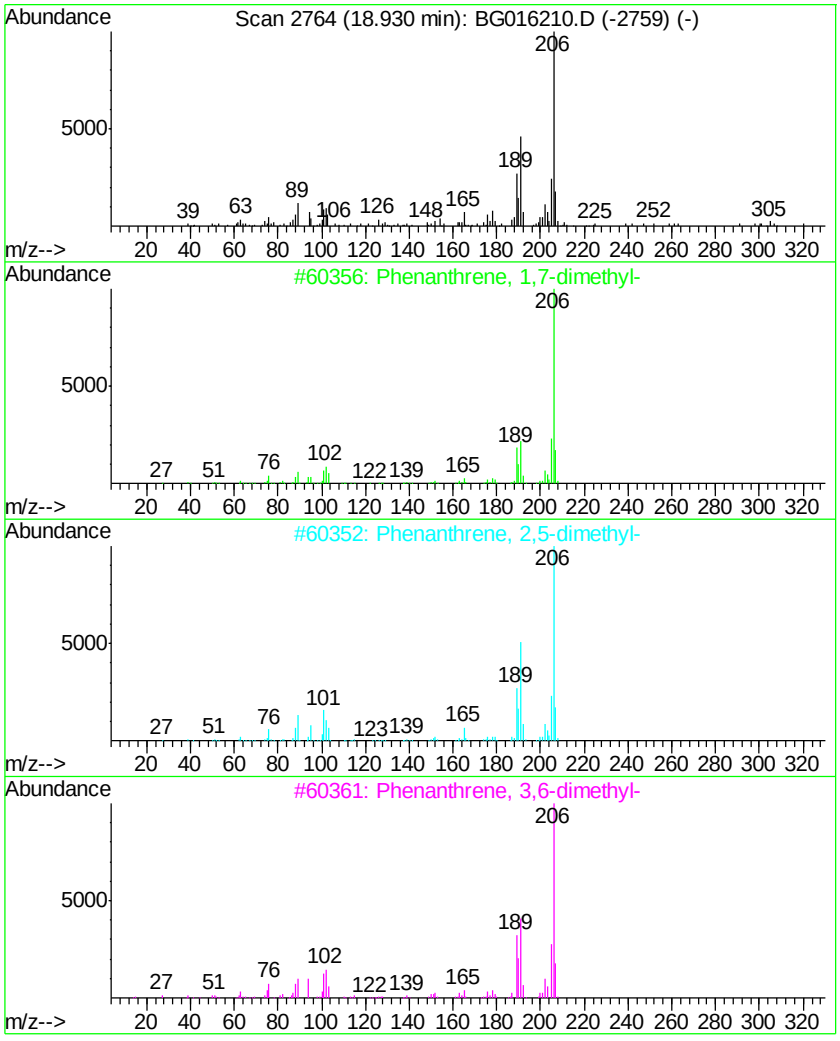
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

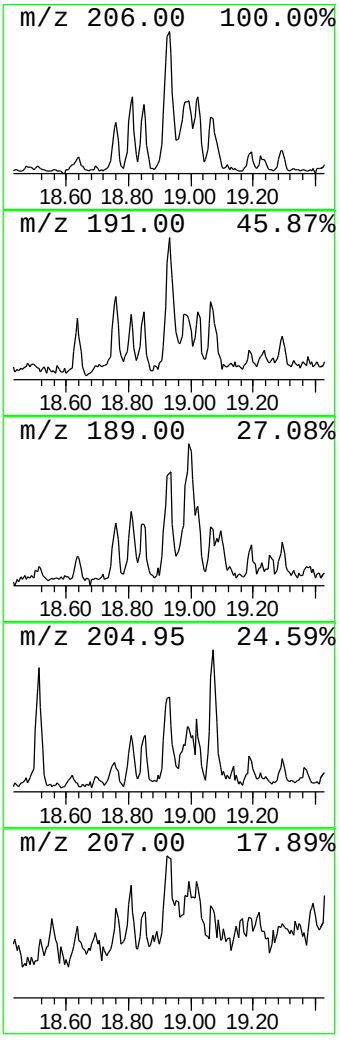
****

Peak Number 10 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.51 ng/ul	121500	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

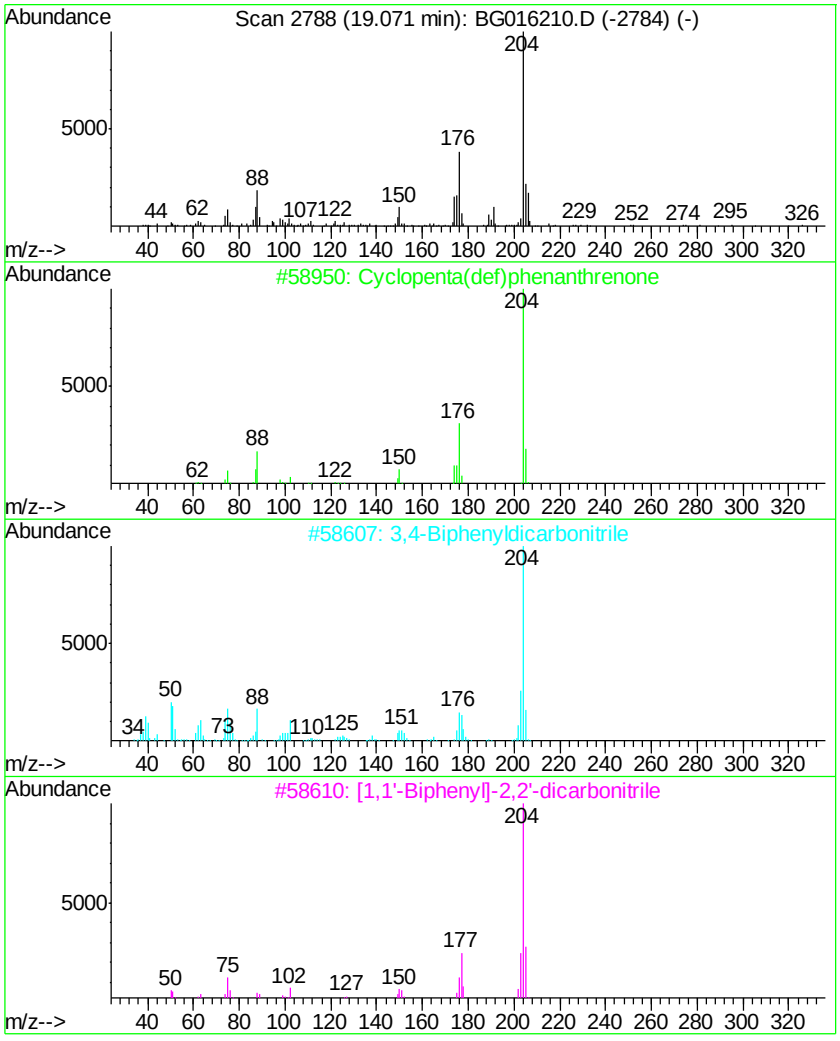
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

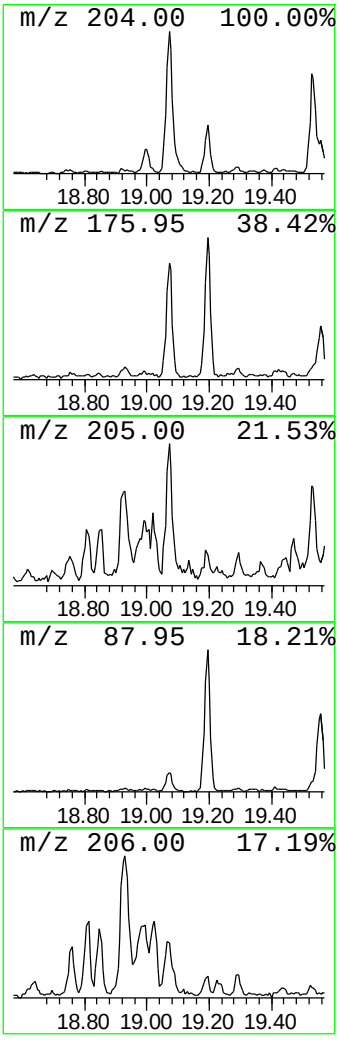
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.78 ng/ul	134318	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

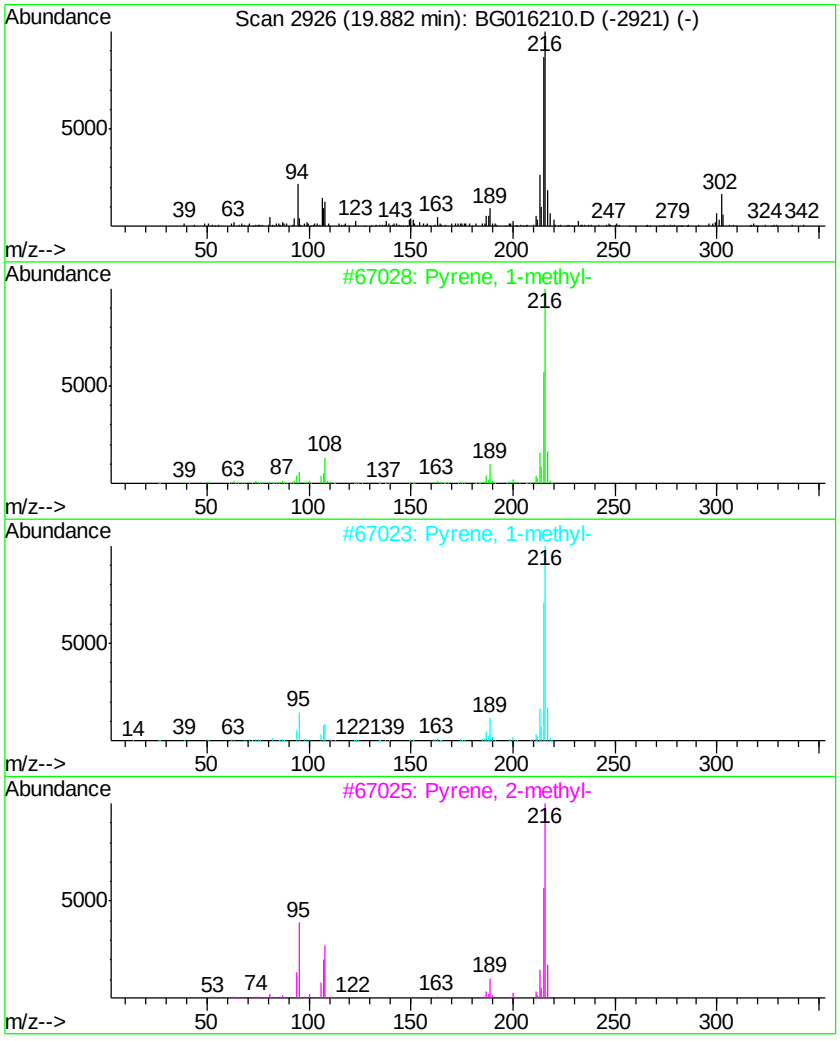
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

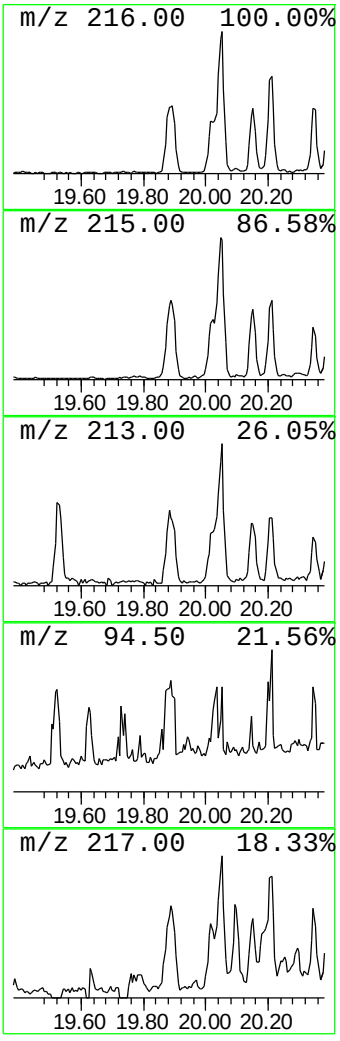
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.28 ng/ul	213962	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

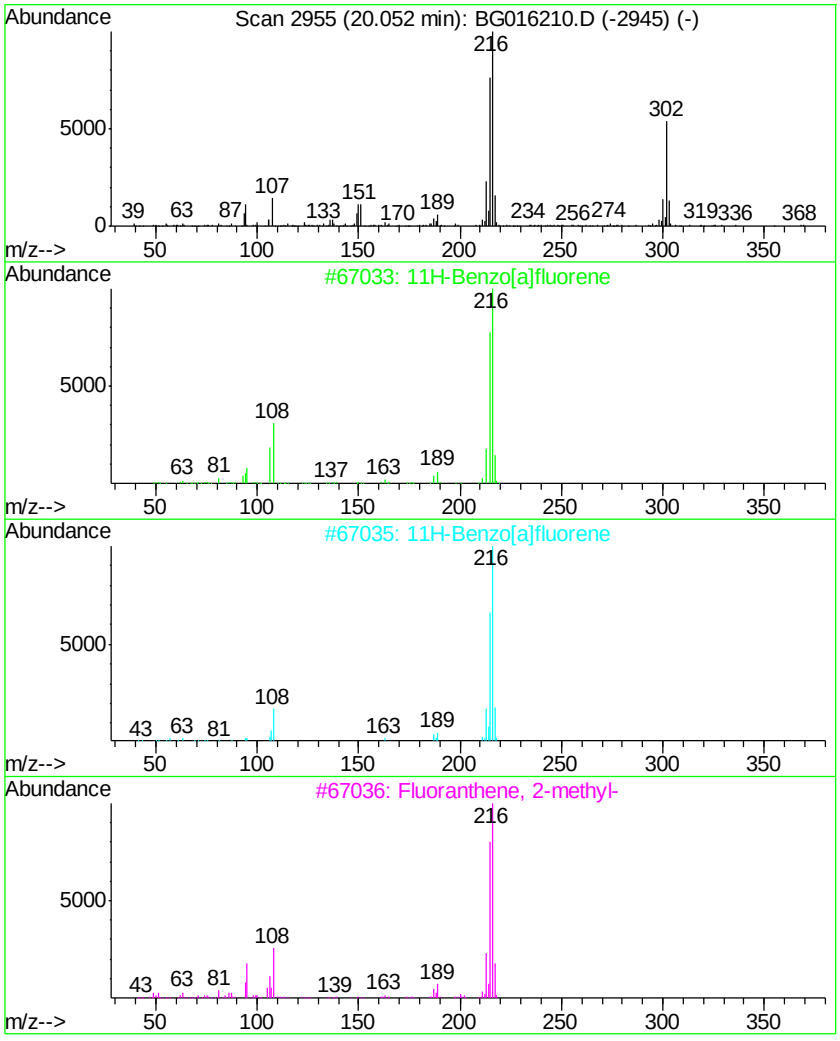
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

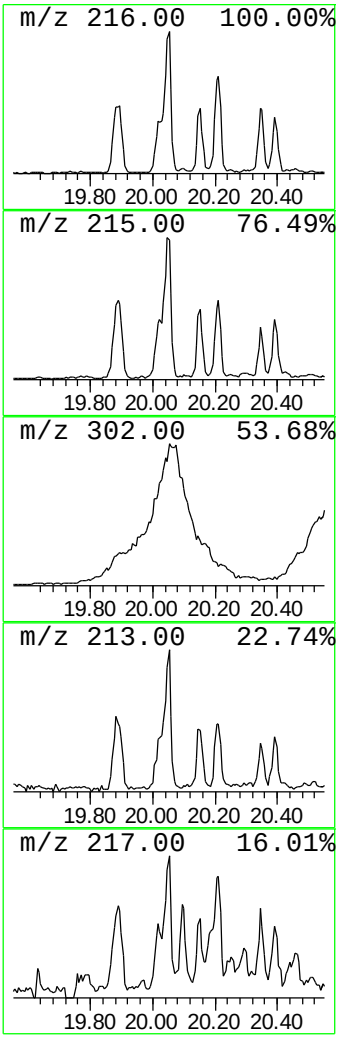
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	5.19 ng/ul	488472	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

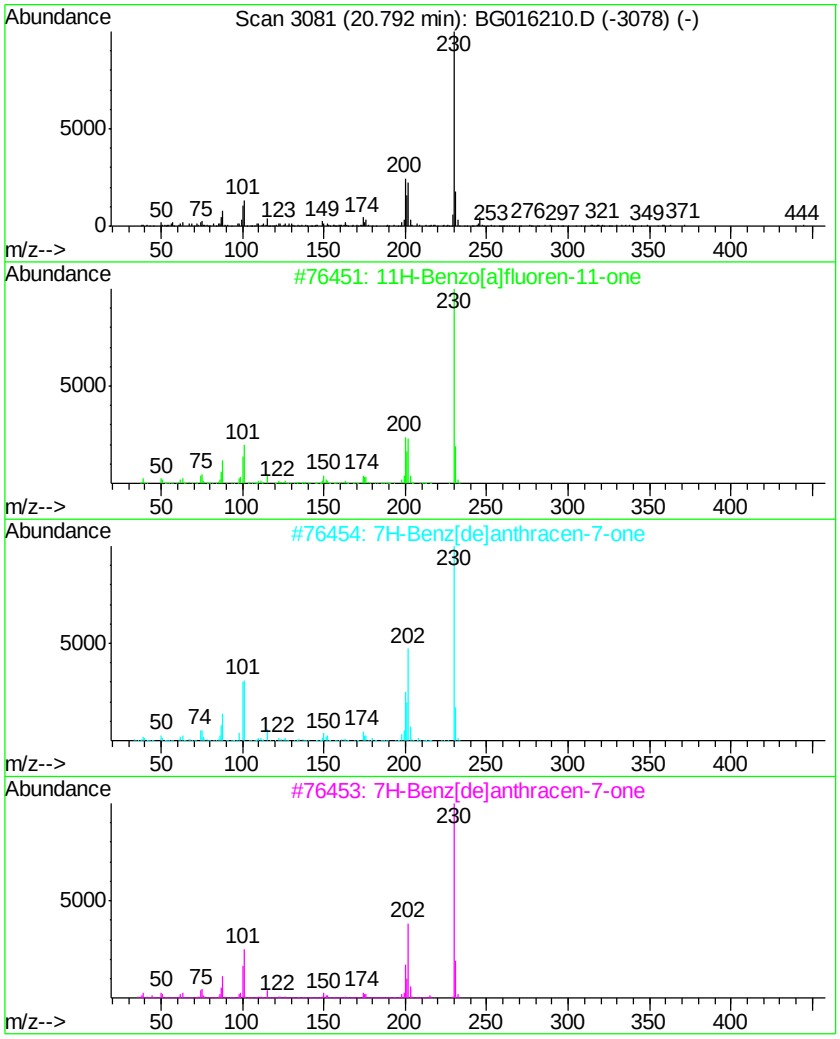
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

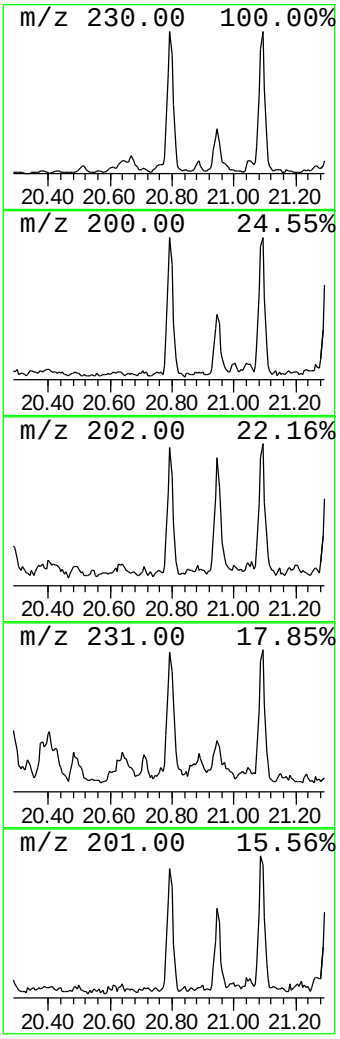
****

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.04 ng/ul	191866	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
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	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

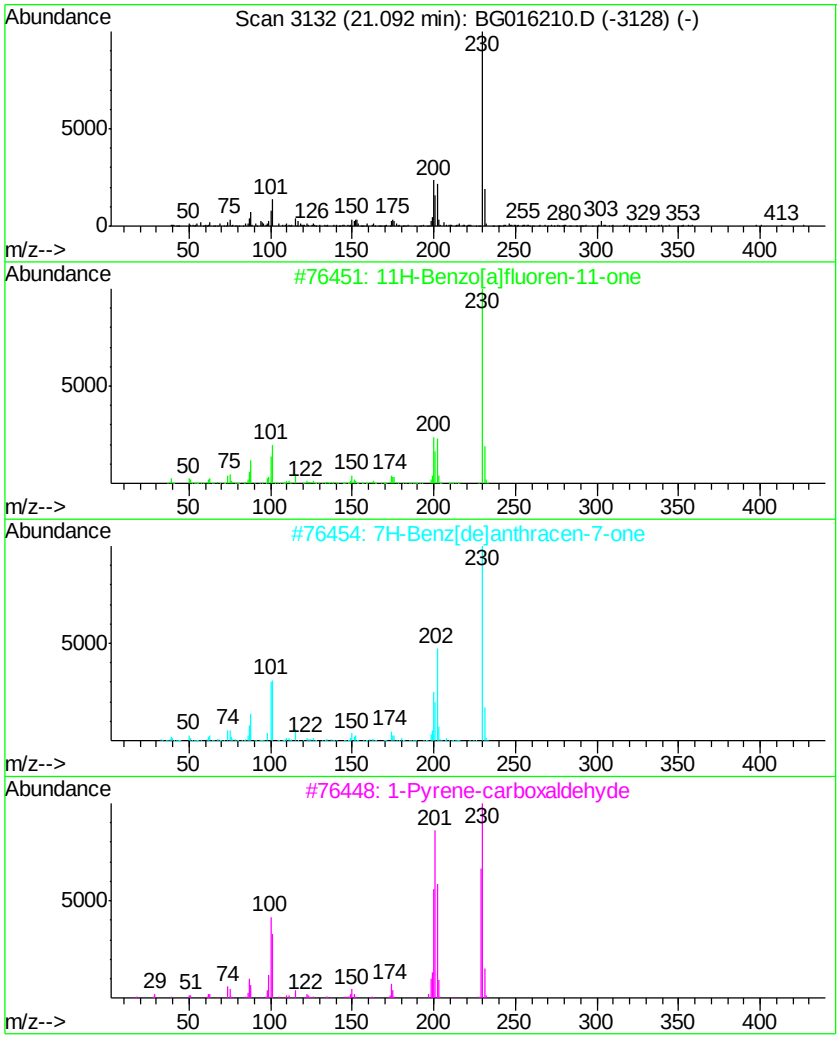
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

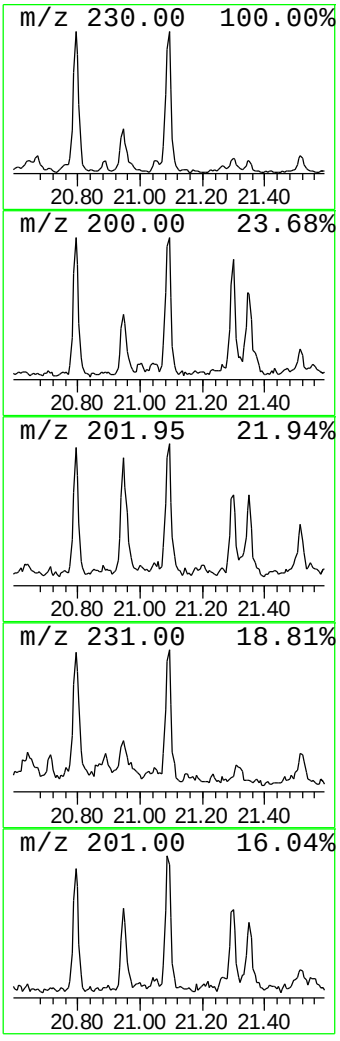
****

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.24 ng/ul	210732	Chrysene-d12	21.32

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	87
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	83
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016210.D
Acq On : 31 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-05 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.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
Butane, 2-methoxy...	2.98	4.6	ng/ul	99883	1	7.77	434094	20.0
Dibenzofuran, 4-m...	15.88	2.6	ng/ul	124319	4	17.14	966611	20.0
9H-Fluoren-9-one	16.79	2.5	ng/ul	118530	4	17.14	966611	20.0
Phenanthrene, 2-m...	18.01	3.7	ng/ul	179816	4	17.14	966611	20.0
Anthracene, 2-met...	18.06	5.2	ng/ul	251142	4	17.14	966611	20.0
Phenanthrene, 1-m...	18.14	2.5	ng/ul	119965	4	17.14	966611	20.0
4H-Cyclopenta[def...	18.21	6.8	ng/ul	327772	4	17.14	966611	20.0
2-Phenylnaphthalene	18.51	2.8	ng/ul	135522	4	17.14	966611	20.0
Phenanthrene, 1,7...	18.93	2.5	ng/ul	121500	4	17.14	966611	20.0
Cyclopenta(def)ph...	19.07	2.8	ng/ul	134318	4	17.14	966611	20.0
Pyrene, 1-methyl-	19.88	2.3	ng/ul	213962	5	21.32	1880930	20.0
11H-Benzo[a]fluorene	20.05	5.2	ng/ul	488472	5	21.32	1880930	20.0
11H-Benzo[a]fluor...	20.79	2.0	ng/ul	191866	5	21.32	1880930	20.0
7H-Benz[de]anthra...	21.09	2.2	ng/ul	210732	5	21.32	1880930	20.0