LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.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	8.252	913	921	930	rBV	375352	670594	2.93%	0.262%
2	11.078	1391	1402	1406	rBV	509463	966950	4.22%	0.377%
3	11.125	1406	1410	1419	rVV	414982	743282	3.24%	0.290%
4	12.711	1673	1680	1689	rBV	244719	422646	1.84%	0.165%
5	14.257	1936	1943	1948	rVV2	343763	624603	2.73%	0.244%
6	14.562	1988	1995	2008	rBV	304604	656308	2.86%	0.256%
7	14.868	2034	2047	2052	rVV	875893	1561594	6.81%	0.609%
8	14.932	2052	2058	2064	rVV	1669276	2706353	11.81%	1.056%
9	15.261	2106	2114	2121	rVV	1007108	1707835	7.45%	0.666%
10	15.855	2210	2215	2219	rBV	419768	623005	2.72%	0.243%
11	15.908	2219	2224	2231	rVB	1558838	2538566	11.08%	0.990%
12	16.072	2248	2252	2256	rVV	242486	402032	1.75%	0.157%
13	16.195	2269	2273	2281	rVB	338031	555034	2.42%	0.217%
14	16.342	2281	2298	2306	rBV	402661	972310	4.24%	0.379%
15	16.906	2382	2394	2398	rBV3	274222	770442	3.36%	0.301%
16	17.265	2449	2455	2460	rVV	537624	865847	3.78%	0.338%
17	17.359	2468	2471	2477	rVV2	215817	390780	1.71%	0.152%
18	17.429	2477	2483	2491	rVB	800134	1274599	5.56%	0.497%
19	17.611	2507	2514	2517	rBV	1016589	1778772	7.76%	0.694%
20	17.664	2517	2523	2528	rVV	11103034	19443850	84.84%	7.584%
21	17.747	2528	2537	2543	rVV2	3169554	6225729	27.17%	2.428%
22	17.799	2543	2546	2555	rVB	340347	566276	2.47%	0.221%
23	18.011	2571	2582	2595	rBV2	1716317	3372324	14.72%	1.315%
24	18.123	2596	2601	2607	rBV3	215737	390123	1.70%	0.152%
25	18.481	2653	2662	2666	rVV	1212030	2074760	9.05%	0.809%
26	18.528	2666	2670	2676	rVB	1783771	2673970	11.67%	1.043%
27	18.610	2676	2684	2688	rBV	650623	1076846	4.70%	0.420%
28	18.681	2688	2696	2707	rBV2	2107522	4881667	21.30%	1.904%
29	18.969	2739	2745	2749	rVV	1032182	1495131	6.52%	0.583%
30	19.022	2749	2754	2761	rVB	1014987	1480825	6.46%	0.578%
31	19.210	2775	2786	2790	rBV4	328470	552776	2.41%	0.216%
32	19.380	2808	2815	2822	rBV2	456822	1221390	5.33%	0.476%
33	19.445	2824	2826	2834	rVB4	276754	556054	2.43%	0.217%
34	19.533	2834	2841	2848	rVB3	441200	969886	4.23%	0.378%

LSC Area Percent Report

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Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Title : SVOA CALIBRATION

35	19.662	2854	2863	2868	rBV	11867329	20553032	89.68%	8.017%
36	19.744	2873	2877	2883	rVB3	361011	533544	2.33%	0.208%
37	19.897	2896	2903	2911	rVB2	560030	1334913	5.82%	0.521%
38	20.020	2911	2924	2929	rBV3	9721426	22917311	100.00%	8.939%
39	20.073	2929	2933	2939	rVB	762772	1139857	4.97%	0.445%
40	20.179	2939	2951	2956	rBV	1001936	1640108	7.16%	0.640%
41	20.250	2956	2963	2969	rVB	746650	1205878	5.26%	0.470%
42	20.320	2969	2975	2982	rBV3	867806	2137846	9.33%	0.834%
43	20.385	2982	2986	2991	rBV	409148	600257	2.62%	0.234%
44	20.455	2991	2998	2999	rBV3	628256	1072620	4.68%	0.418%
45	20.496	2999	3005	3010	rVV	2071760	3430921	14.97%	1.338%
46	20.596	3016	3022	3025	rBV	1774757	2784530	12.15%	1.086%
47	20.655	3025	3032	3035	rVV2	1051561	2313729	10.10%	0.903%
48	20.684	3035	3037	3041	rVV	752605	999324	4.36%	0.390%
49	20.725	3041	3044	3049	rVB2	290551	479901	2.09%	0.187%
50	20.796	3050	3056	3059	rVV	582040	900006	3.93%	0.351%
51	20.837	3059	3063	3072	rVB2	664850	1171693	5.11%	0.457%
52	21.096	3095	3107	3109	rBV7	317074	882773	3.85%	0.344%
53	21.225	3124	3129	3132	rBV3	267574	491418	2.14%	0.192%
54	21.272	3132	3137	3144	rVB	917046	1490821	6.51%	0.582%
55	21.466	3160	3170	3174	rVV3	1184425	2605382	11.37%	1.016%
56	21.513	3174	3178	3182	rVV	1097825	1826725	7.97%	0.713%
57	21.566	3182	3187	3192	rVV2	1347600	2602254	11.35%	1.015%
58	21.624	3192	3197	3208	rVB2	943082	1909551	8.33%	0.745%
59	21.759	3210	3220	3228	rBV	356609	1114638	4.86%	0.435%
60	21.895	3231	3243	3250	rBV3	6742084	16860131	73.57%	6.577%
61	21.965	3250	3255	3266	rVB	5643675	10456563	45.63%	4.079%
62	22.124	3275	3282	3289	rBV	1398409	2602907	11.36%	1.015%
63	22.265	3298	3306	3312	rVV2	553607	1419558	6.19%	0.554%
64	22.335	3312	3318	3325	rVV3	906091	2060228	8.99%	0.804%
65	22.394	3325	3328	3340	rVB4	235158	591525	2.58%	0.231%
66	22.529	3341	3351	3355	rBV5	178525	524653	2.29%	0.205%
67	22.582	3355	3360	3366	rBV4	261797	578746	2.53%	0.226%
68	22.670	3366	3375	3381	rVV	771196	1723271	7.52%	0.672%
69	22.747	3382	3388	3396	rVB	455115	1063737	4.64%	0.415%
70	22.846	3397	3405	3408	rBV5	206521	456613	1.99%	0.178%
71	22.899	3409	3414	3420	rVV3	415630	953074	4.16%	0.372%

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Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Title : SVOA CALIBRATION

72	22.964	3420	3425	3429	rVV2	526917	1194423	5.21%	0.466%
73	23.017	3429	3434	3442	rVV4	589403	1418880	6.19%	0.553%
74	23.105	3442	3449	3463	rVB6	440881	1138879	4.97%	0.444%
75	23.393	3489	3498	3505	rBV2	403885	1241698	5.42%	0.484%
76	23.463	3507	3510	3519	rVB6	216137	465434	2.03%	0.182%
77	23.845	3565	3575	3592	rBV3	334358	1150446	5.02%	0.449%
78	24.098	3613	3618	3627	rVB2	170462	476387	2.08%	0.186%
79	24.251	3631	3644	3651	rBV	3716885	13425418	58.58%	5.237%
80	24.309	3652	3654	3663	rVB	2140927	3785117	16.52%	1.476%
81	24.415	3664	3672	3679	rVB2	168320	521363	2.27%	0.203%
82	24.509	3680	3688	3697	rVV	709929	1801353	7.86%	0.703%
83	24.727	3717	3725	3738	rBV5	270354	1323174	5.77%	0.516%
84	24.897	3739	3754	3761	rVV7	169571	863040	3.77%	0.337%
85	25.026	3764	3776	3785	rBV2	1799179	5741206	25.05%	2.239%
86	25.185	3792	3803	3817	rVB	3097225	9280038	40.49%	3.620%
87	25.338	3818	3829	3835	rVV	711916	2296085	10.02%	0.896%
88	25.420	3835	3843	3855	rVB3	933621	3228820	14.09%	1.259%
89	25.784	3894	3905	3912	rBV8	135650	630859	2.75%	0.246%
90	26.260	3980	3986	4003	rVB6	136161	594725	2.60%	0.232%
91	26.454	4008	4019	4032	rBV8	157542	668458	2.92%	0.261%
92	26.583	4033	4041	4051	rBV7	111711	415832	1.81%	0.162%
93	26.807	4069	4079	4091	rBV2	211909	717969	3.13%	0.280%
94	28.763	4390	4412	4415	rBV5	250346	1143394	4.99%	0.446%
95	29.292	4484	4502	4524	rVB3	1449623	7937662	34.64%	3.096%
96	29.515	4529	4540	4549	rBV3	105704	408500	1.78%	0.159%
97	29.785	4570	4586	4599	rBV3	323058	1619334	7.07%	0.632%
98	29.956	4600	4615	4625	rVV4	239876	1161849	5.07%	0.453%
99	30.526	4691	4712	4745	rBV2	958921	5625485	24.55%	2.194%
100	31.172	4808	4822	4839	rVB3	280982	1445554	6.31%	0.564%

Sum of corrected areas: 256364579

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
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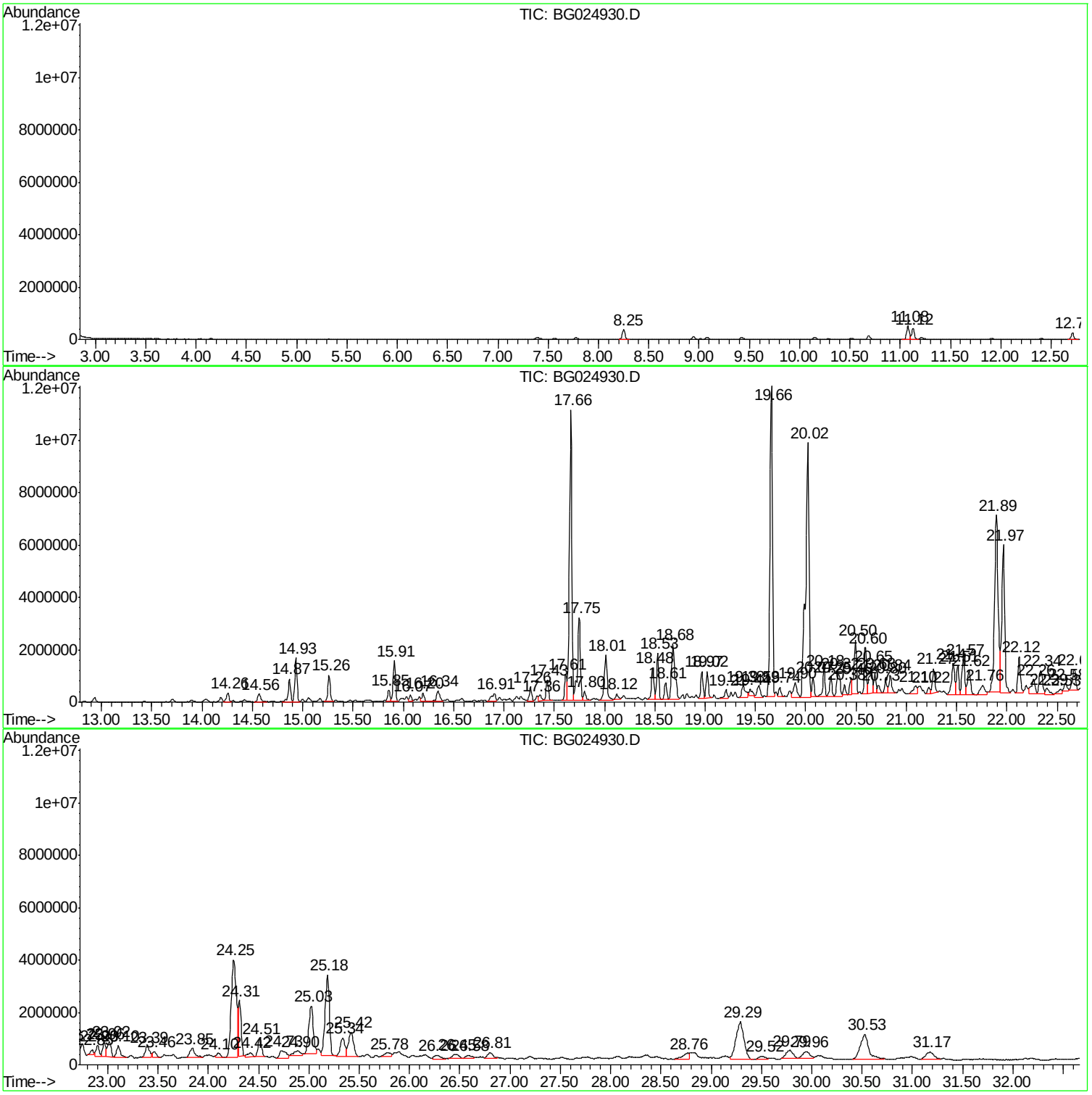
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

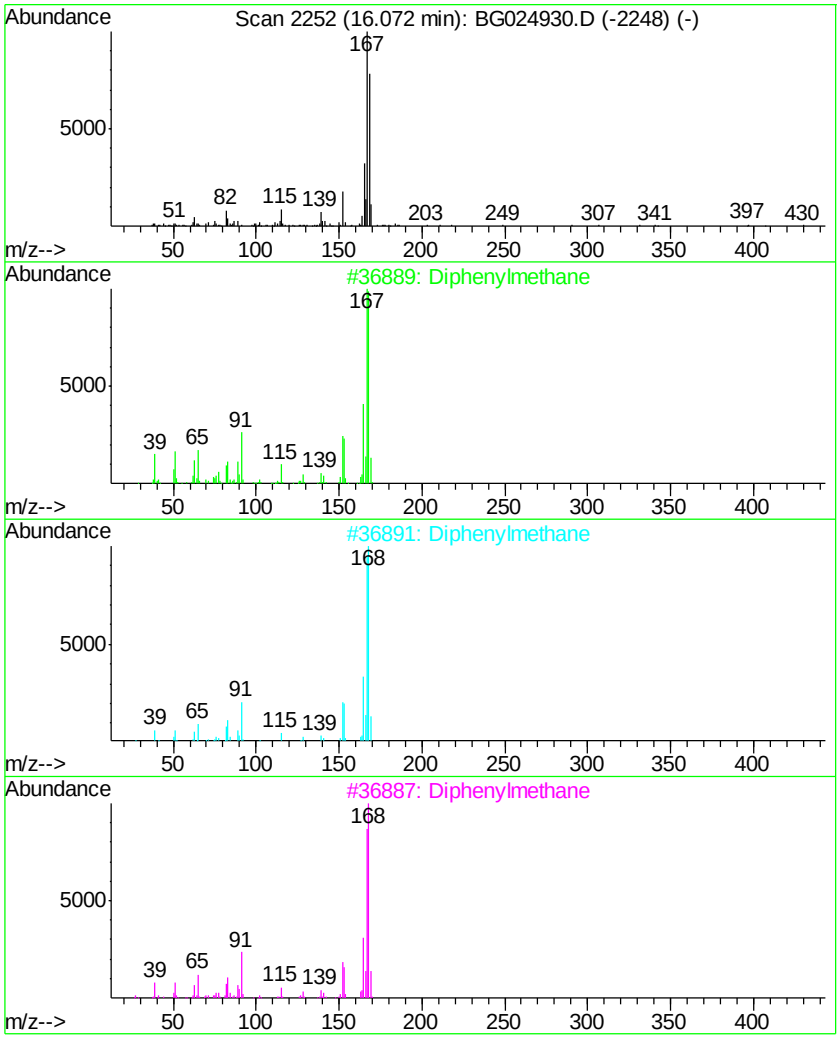
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

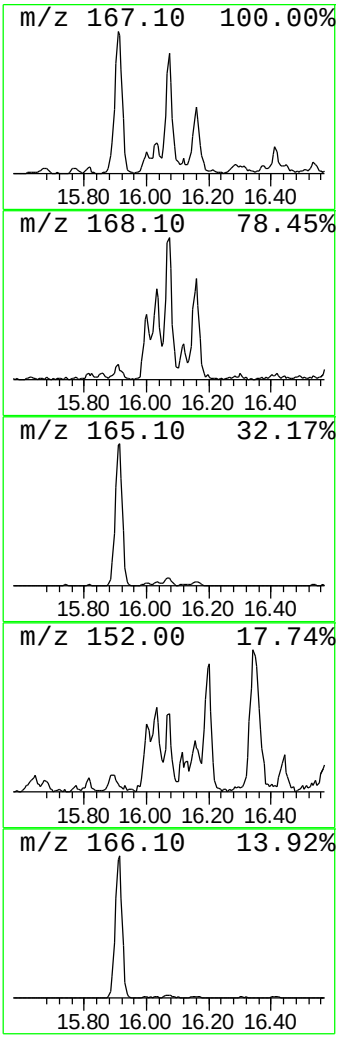
****

Peak Number 1 Diphenylmethane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.15 ng/ul	402032	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	87
2	Diphenylmethane	168	C13H12	000101-81-5	83
3	Diphenylmethane	168	C13H12	000101-81-5	83
4	Diphenylmethane	168	C13H12	000101-81-5	80
5	Diphenylmethane	168	C13H12	000101-81-5	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

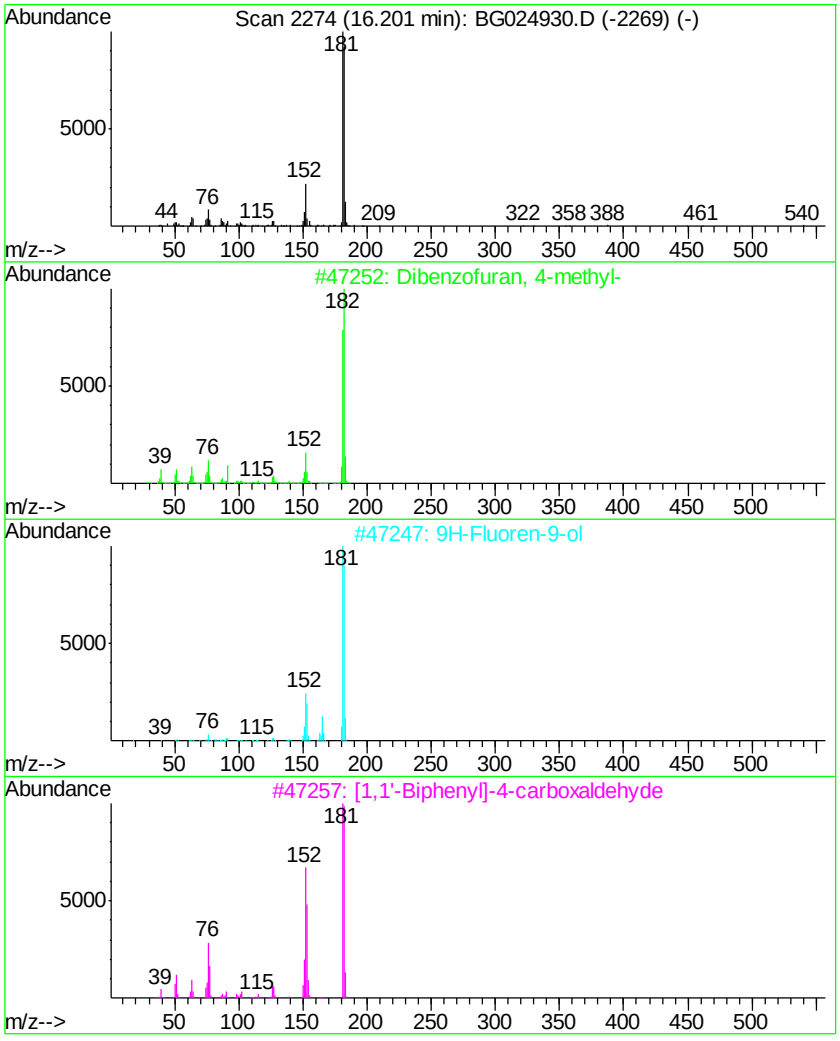
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

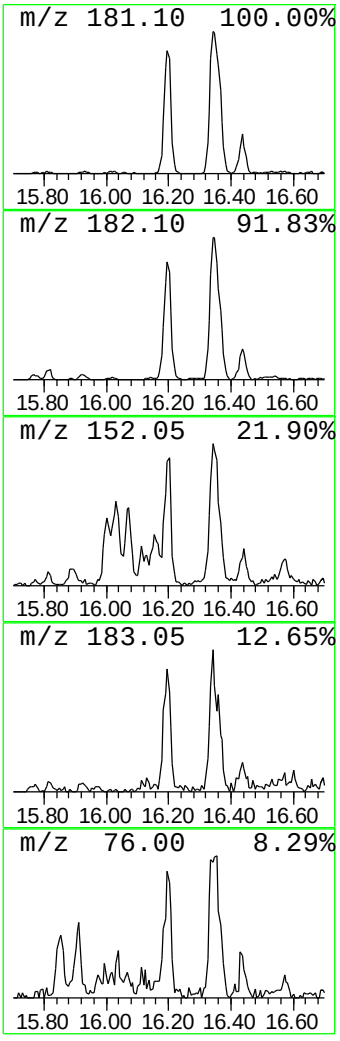
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	7.11 ng/ul	555034	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

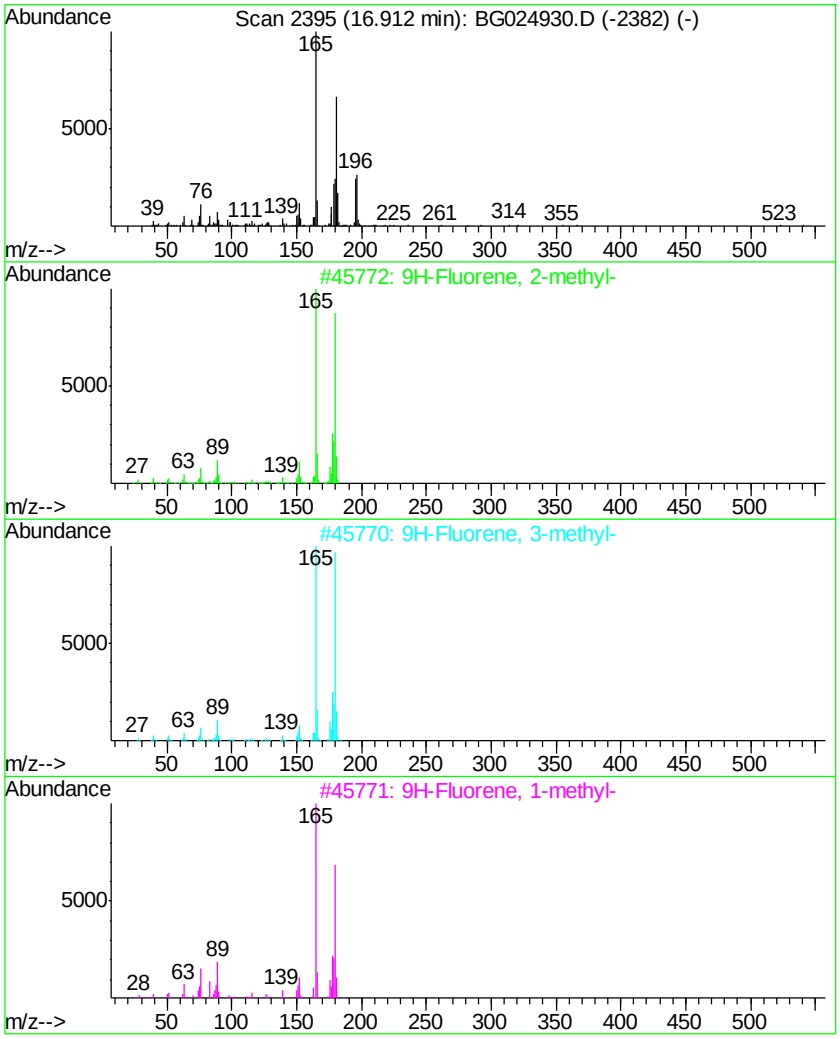
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

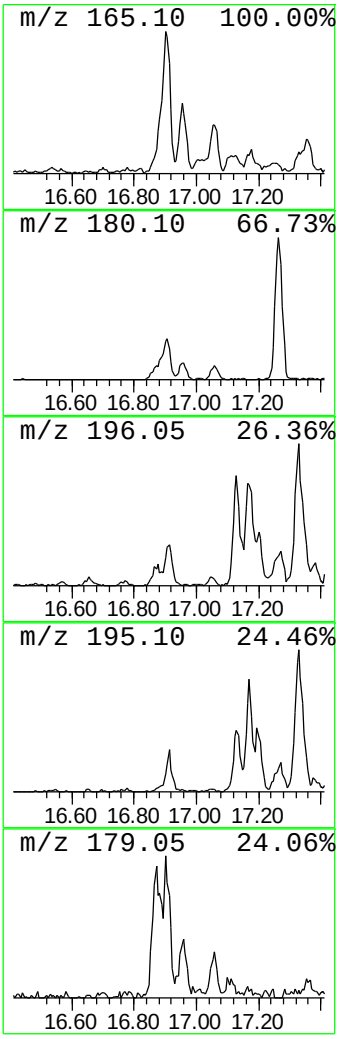
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	8.66 ng/ul	770442	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86





Library Search Compound Report

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Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

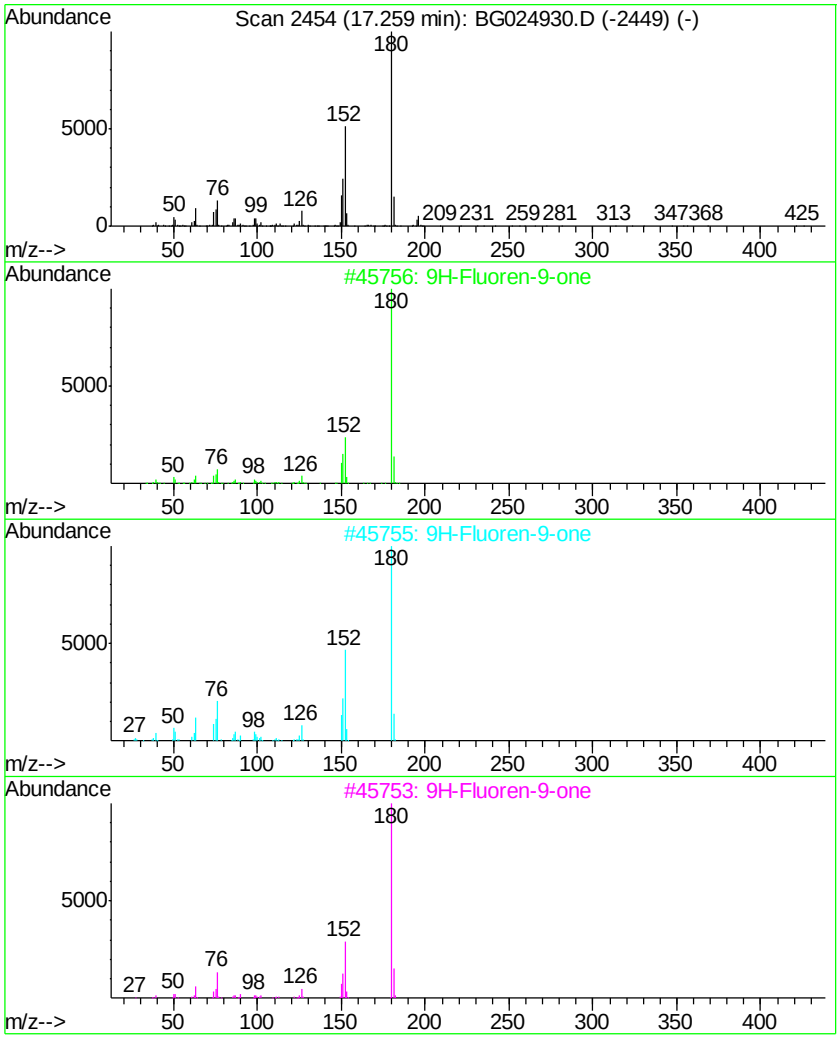
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

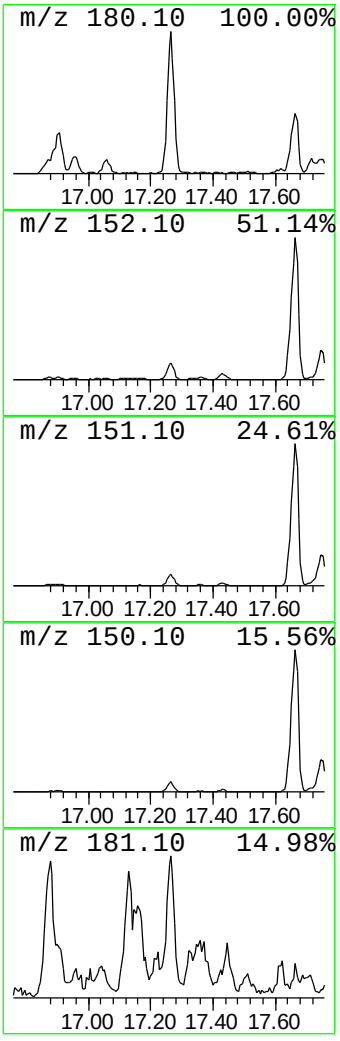
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	9.74 ng/ul	865847	Phenanthrene-d10	17.61

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	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

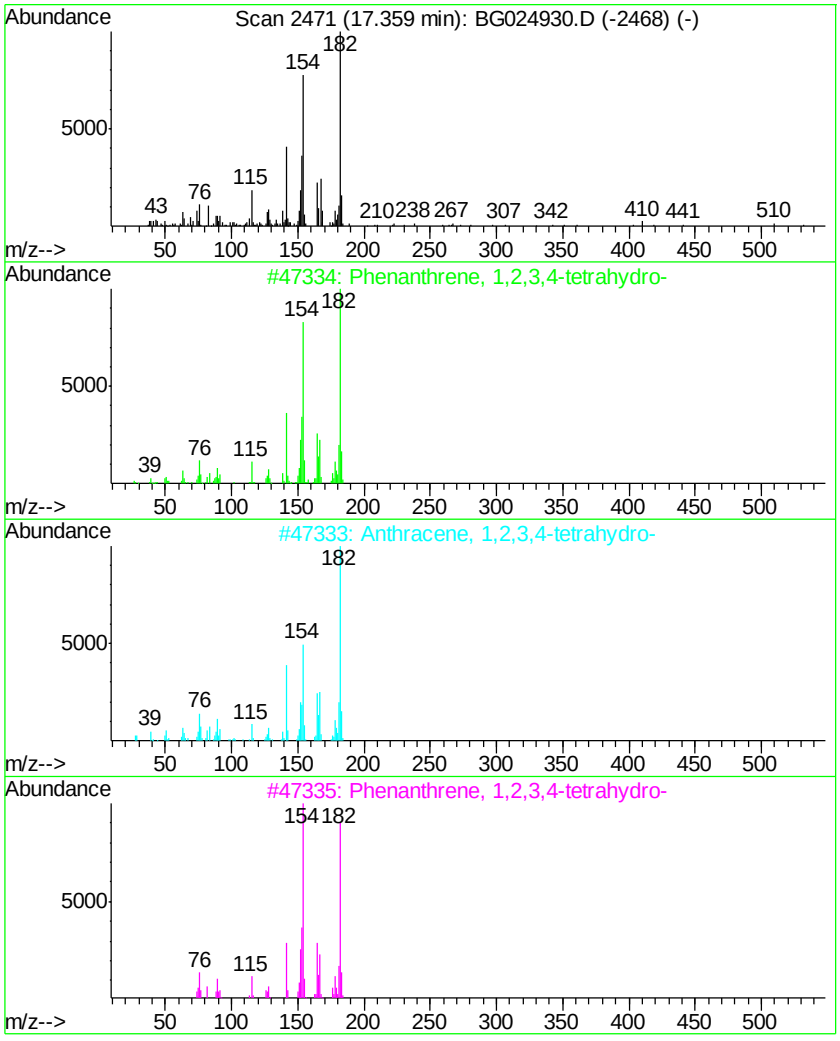
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

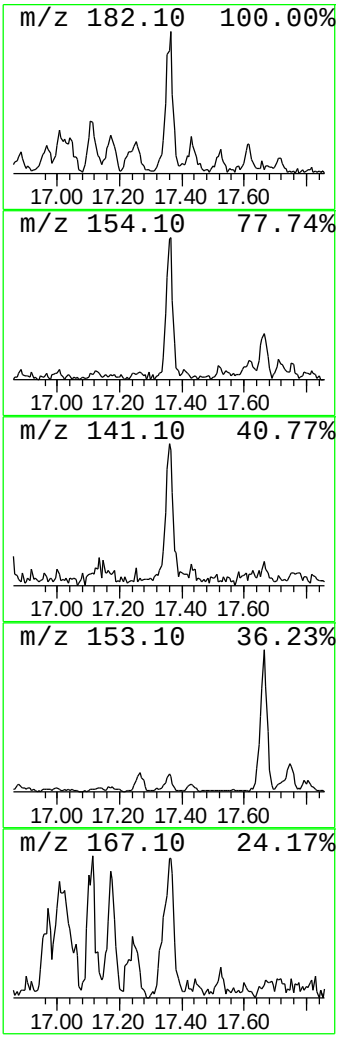
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	4.39 ng/ul	390780	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	91
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	72
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	38





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Operator : UM/SJ
Sample : H5701-08 2X
Misc :
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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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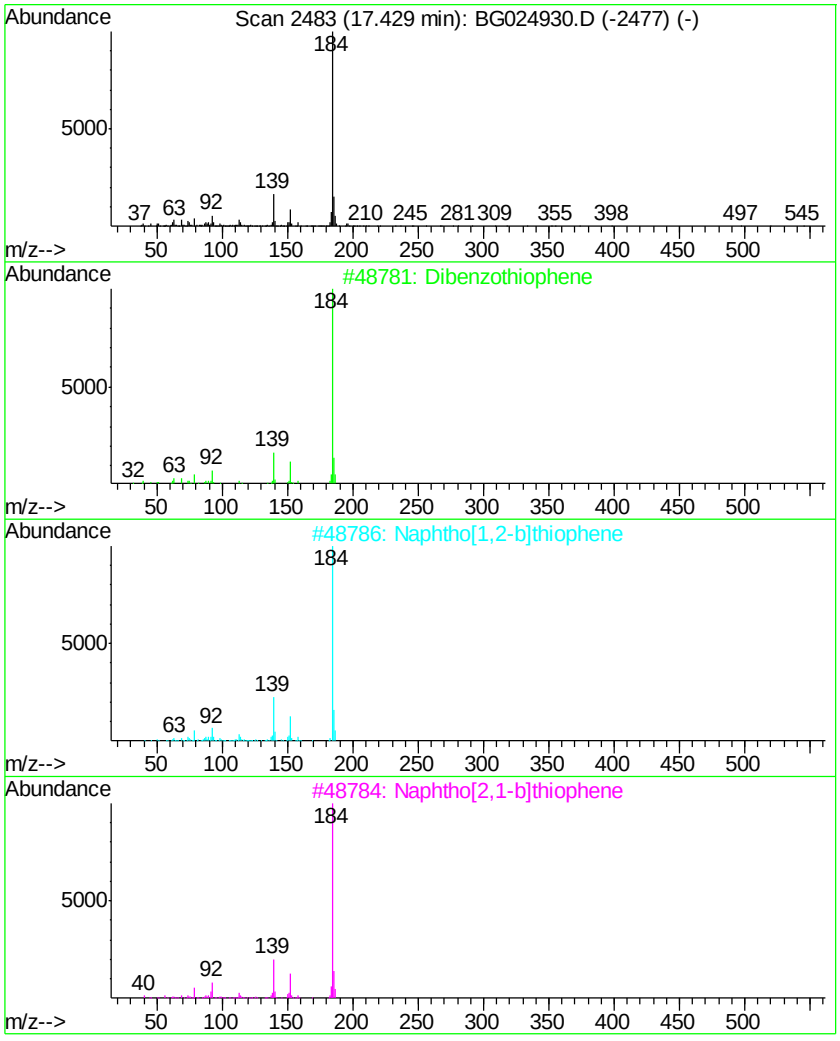
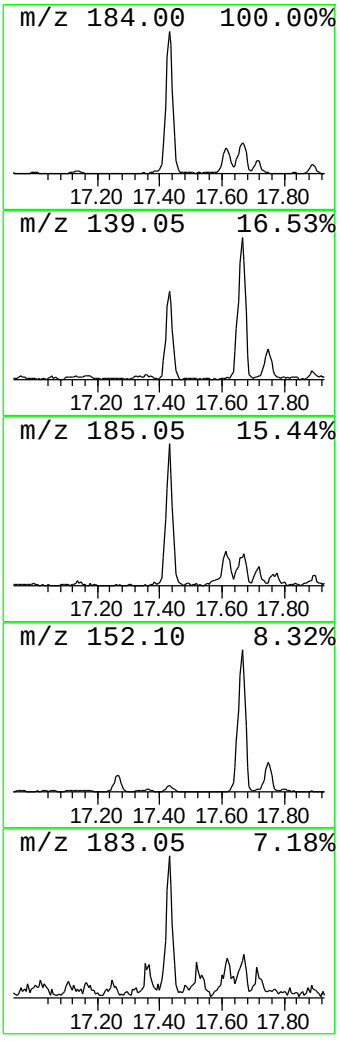
Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	14.33 ng/ul	1274600	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Misc :
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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

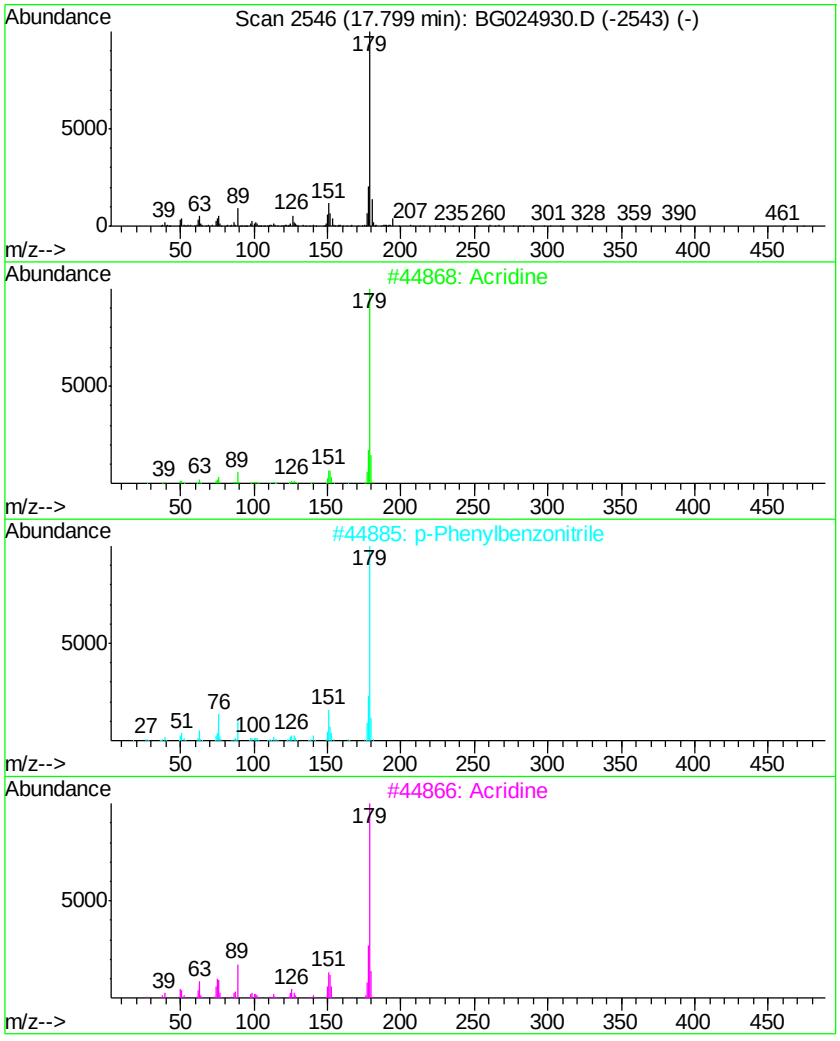
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

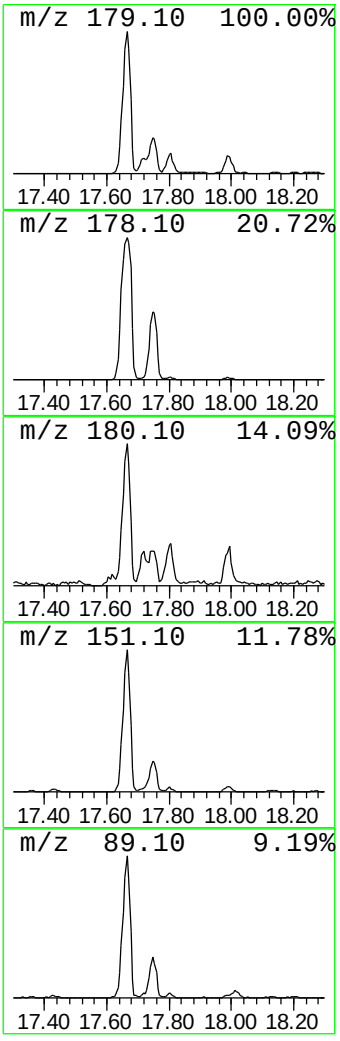
****

Peak Number 8 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	6.37 ng/ul	566276	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	94
3	Acridine	179	C13H9N	000260-94-6	91
4	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	90
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	90





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Misc :
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Instrument : BNA_G
ClientSampleId : A4WD5

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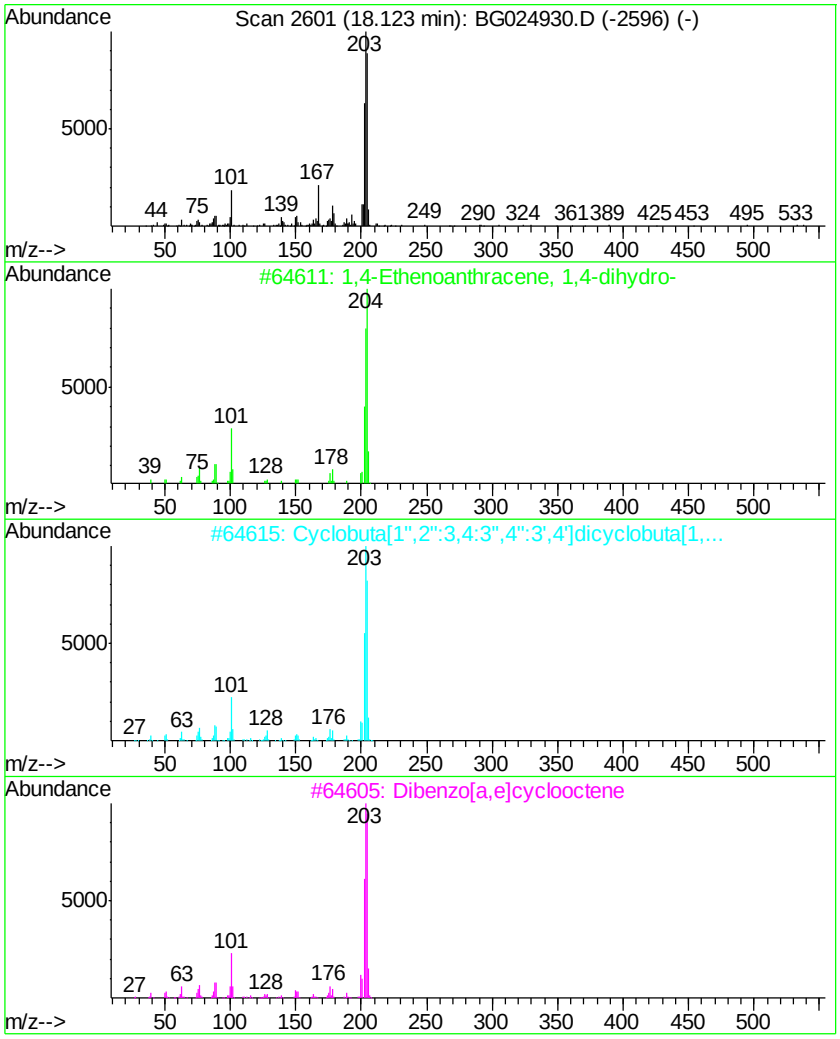
Quant Title : SVOA CALIBRATION

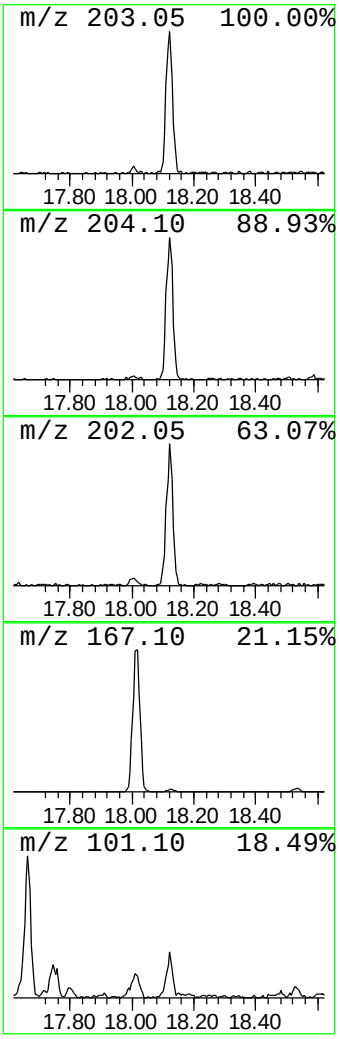
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Ethenoanthracene, 1,4-d... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.39 ng/ul	390123	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	68
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	62
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	62
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	58
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	58





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

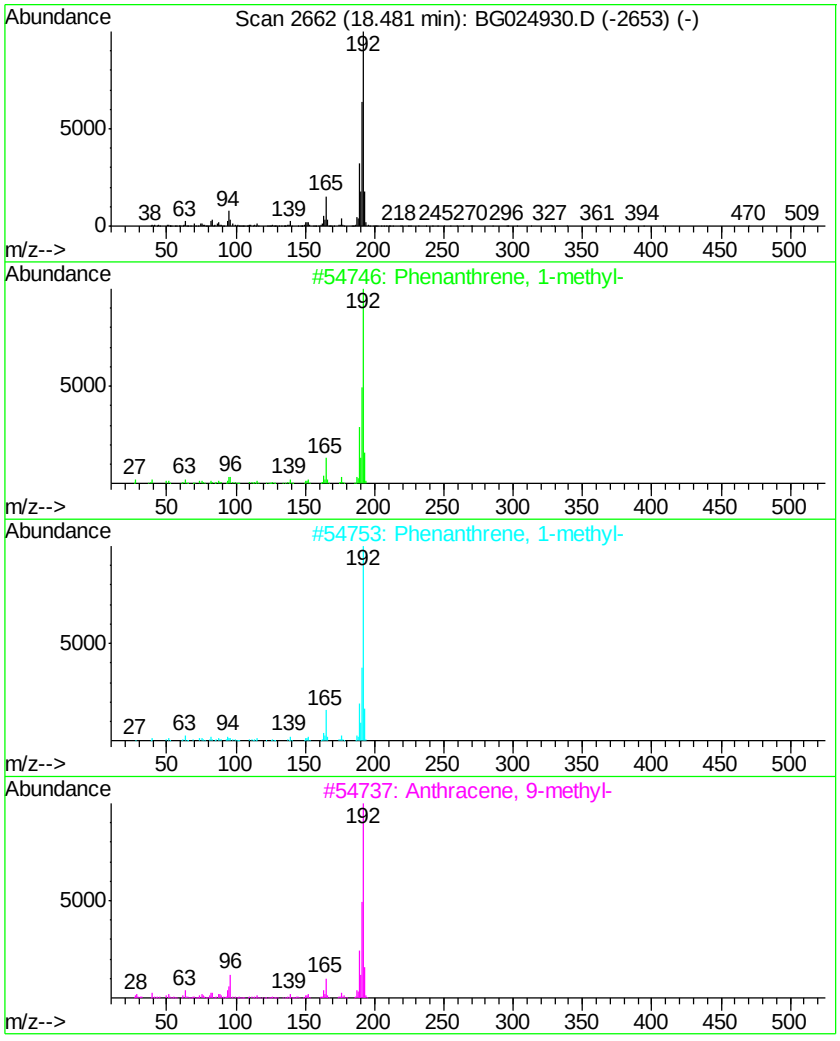
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

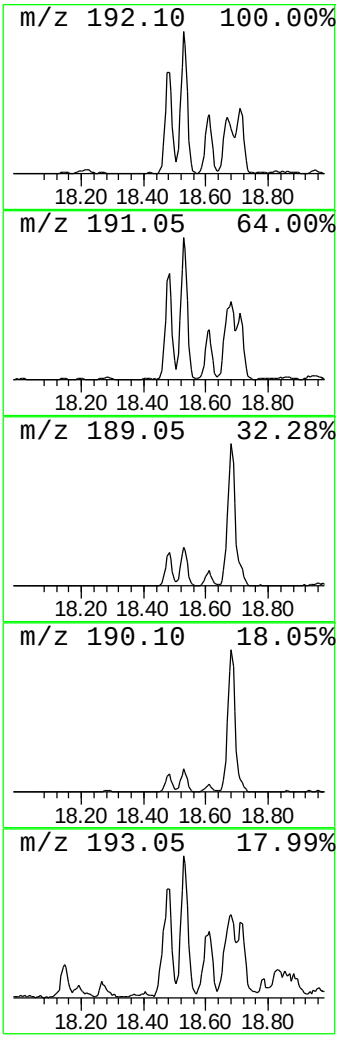
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	23.33 ng/ul	2074760	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ClientSampleId : A4WD5

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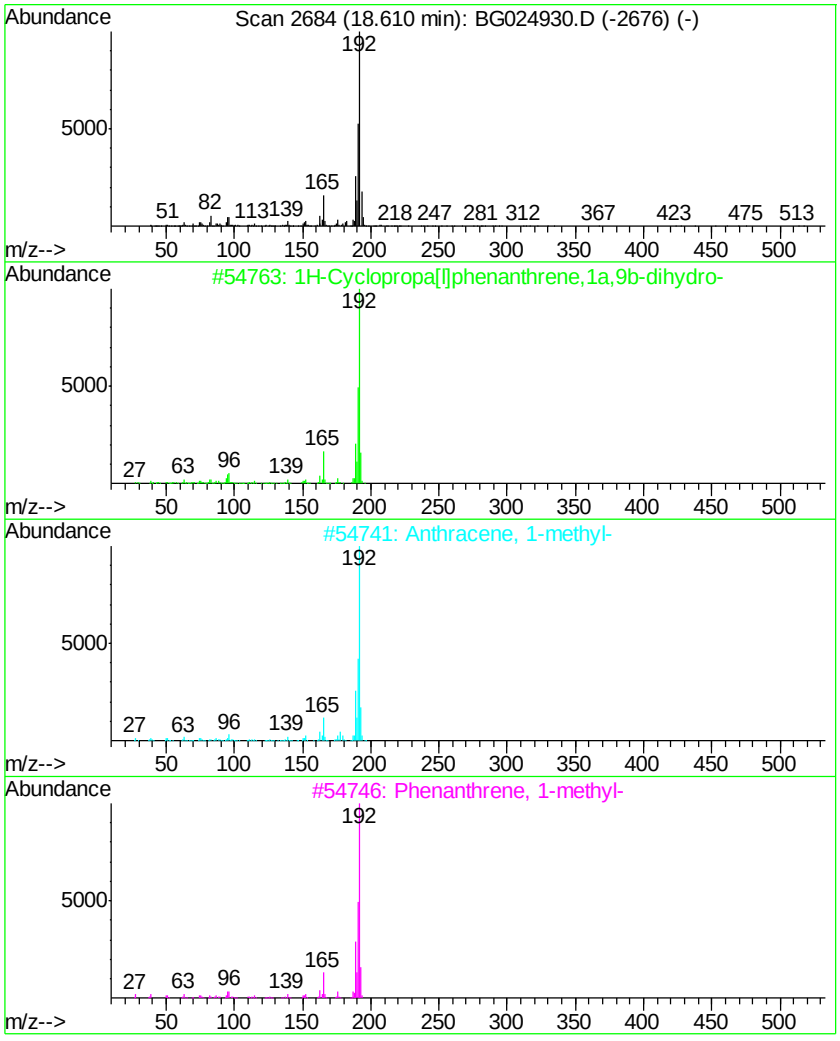
Quant Title : SVOA CALIBRATION

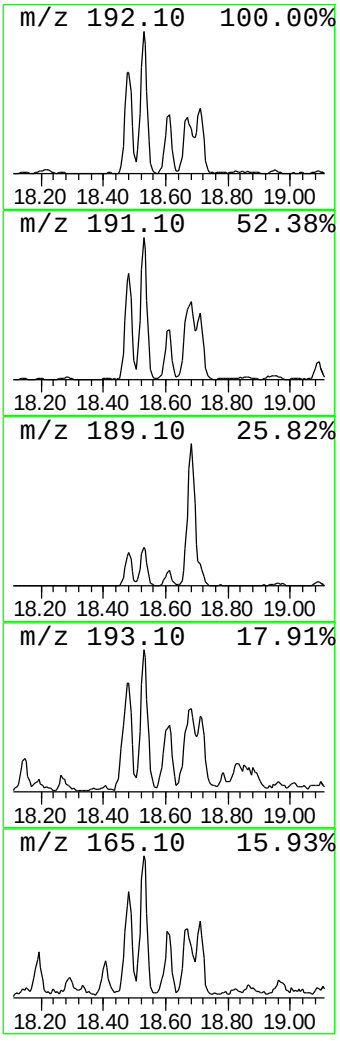
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	12.11 ng/ul	1076850	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : H5701-08 2X
Misc :
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Instrument : BNA_G
ClientSampleId : A4WD5

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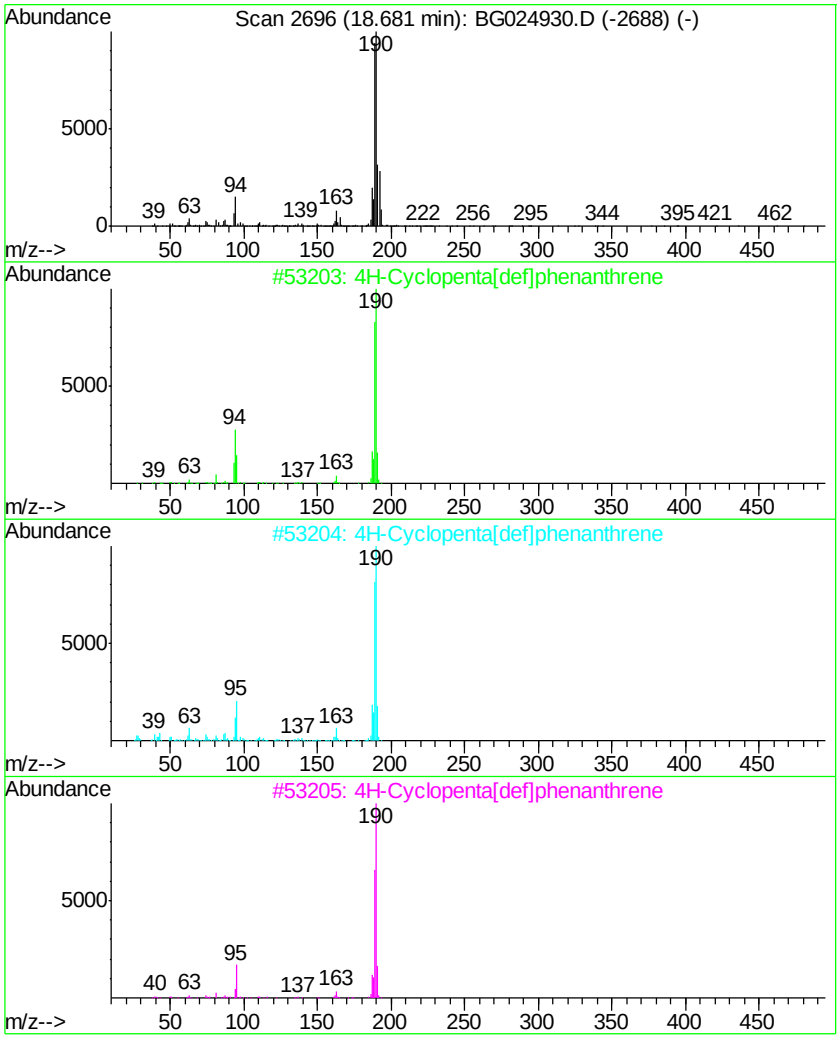
Quant Title : SVOA CALIBRATION

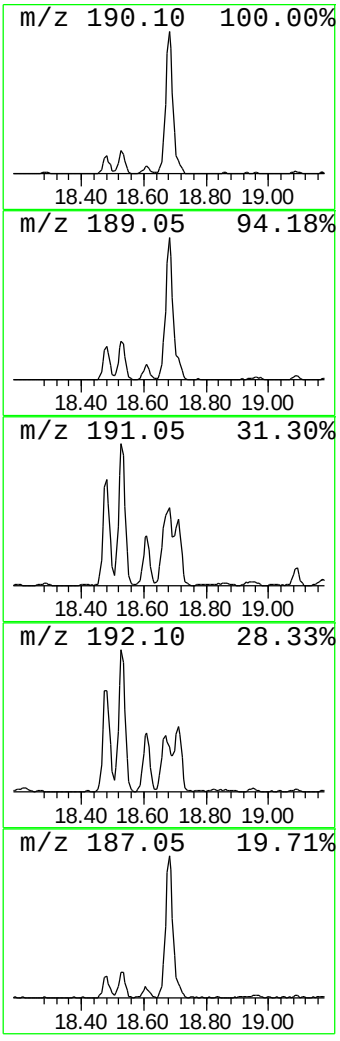
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	54.89 ng/ul	4881670	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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

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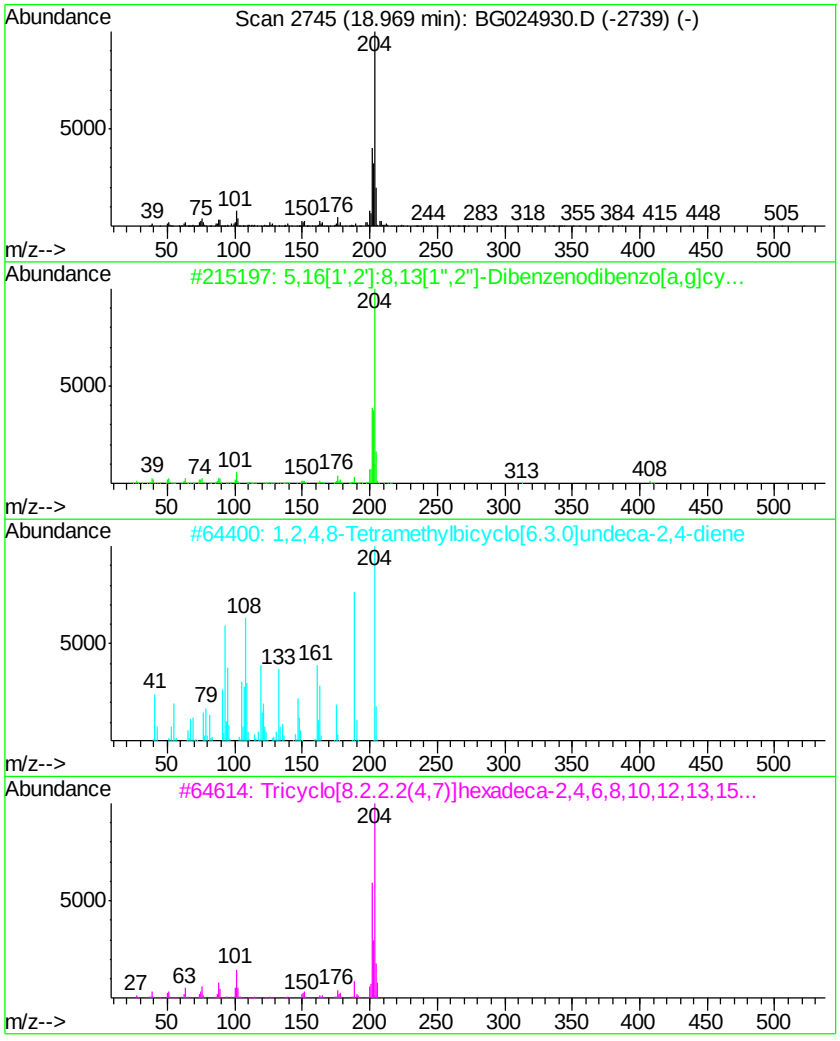
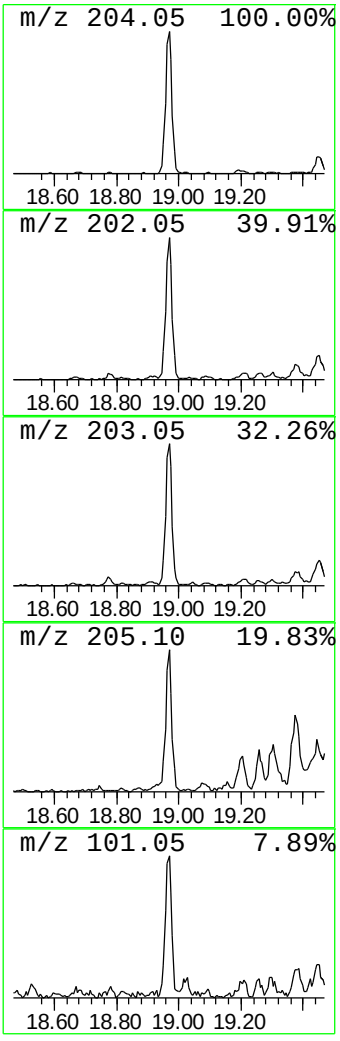
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	16.81 ng/ul	1495130	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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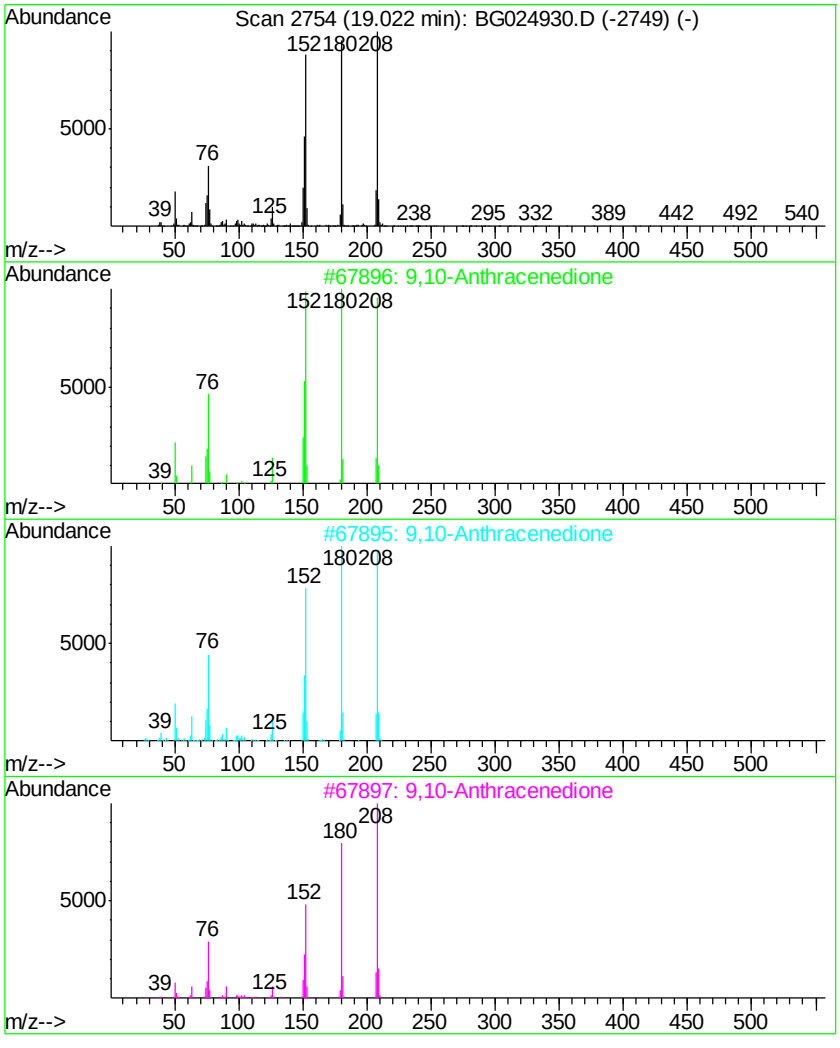
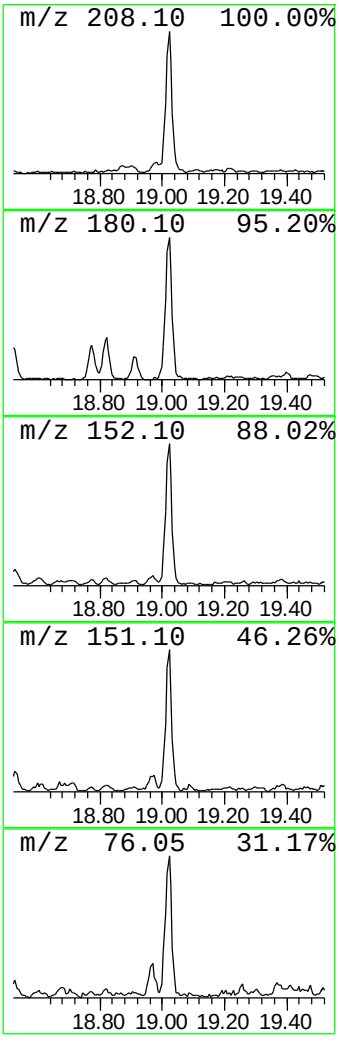
Peak Number 15 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	16.65 ng/ul	1480830	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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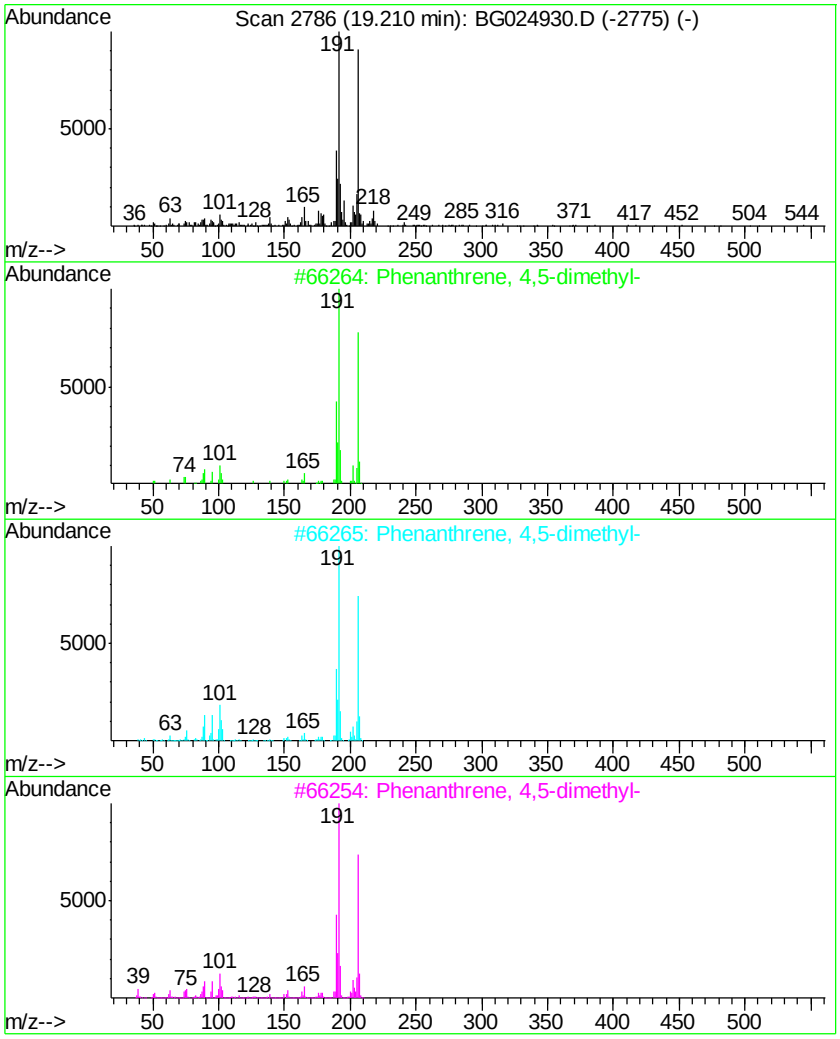
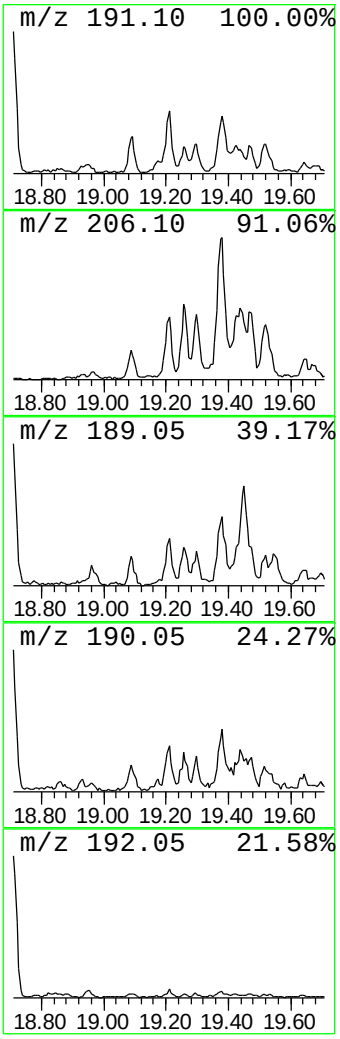
Peak Number 16 Phenanthrene, 4,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	6.22 ng/ul	552776	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	83





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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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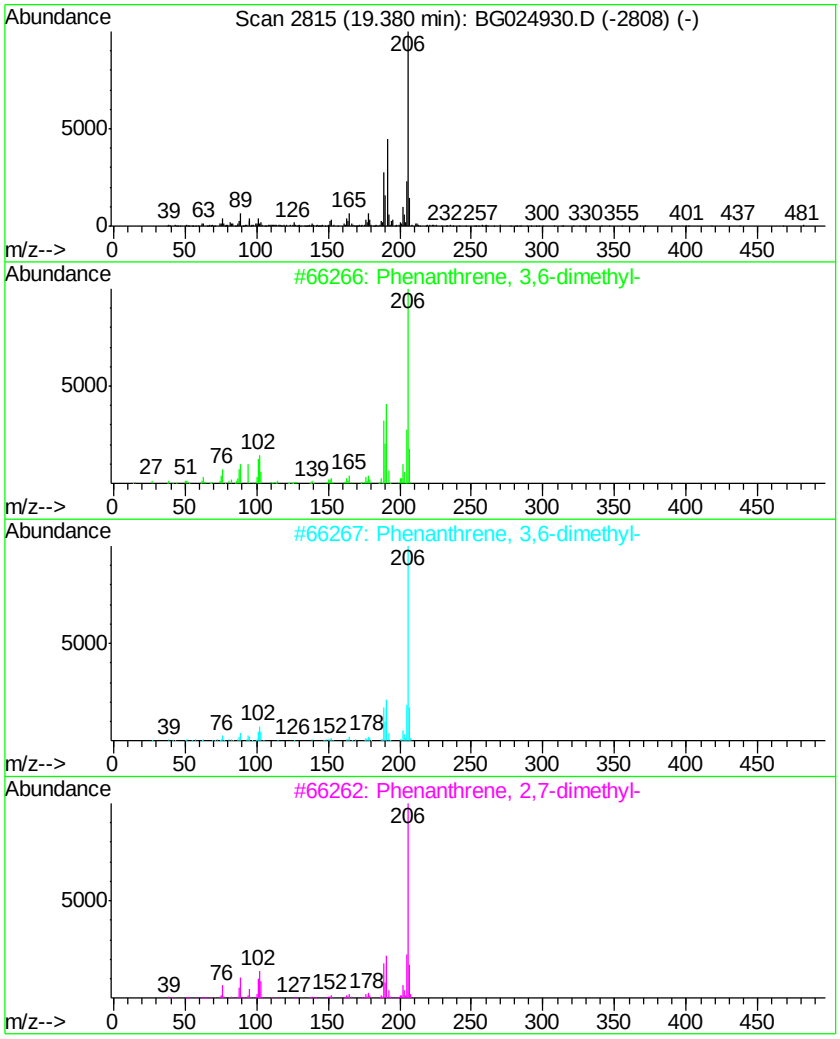
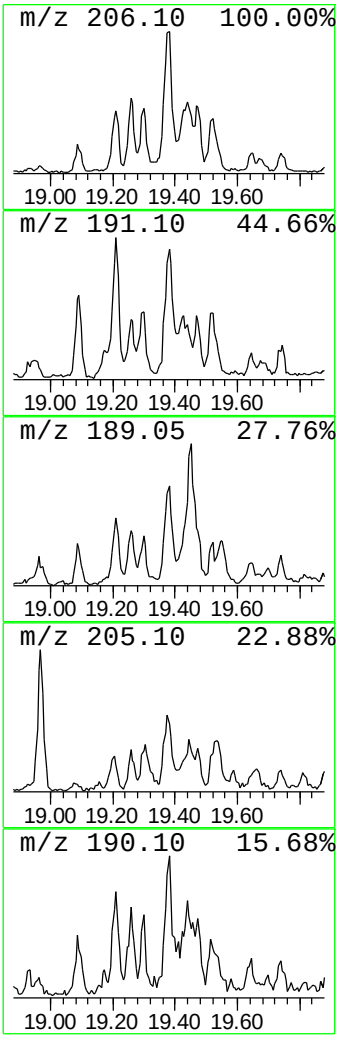
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	13.73 ng/ul	1221390	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Quant Title : SVOA CALIBRATION

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

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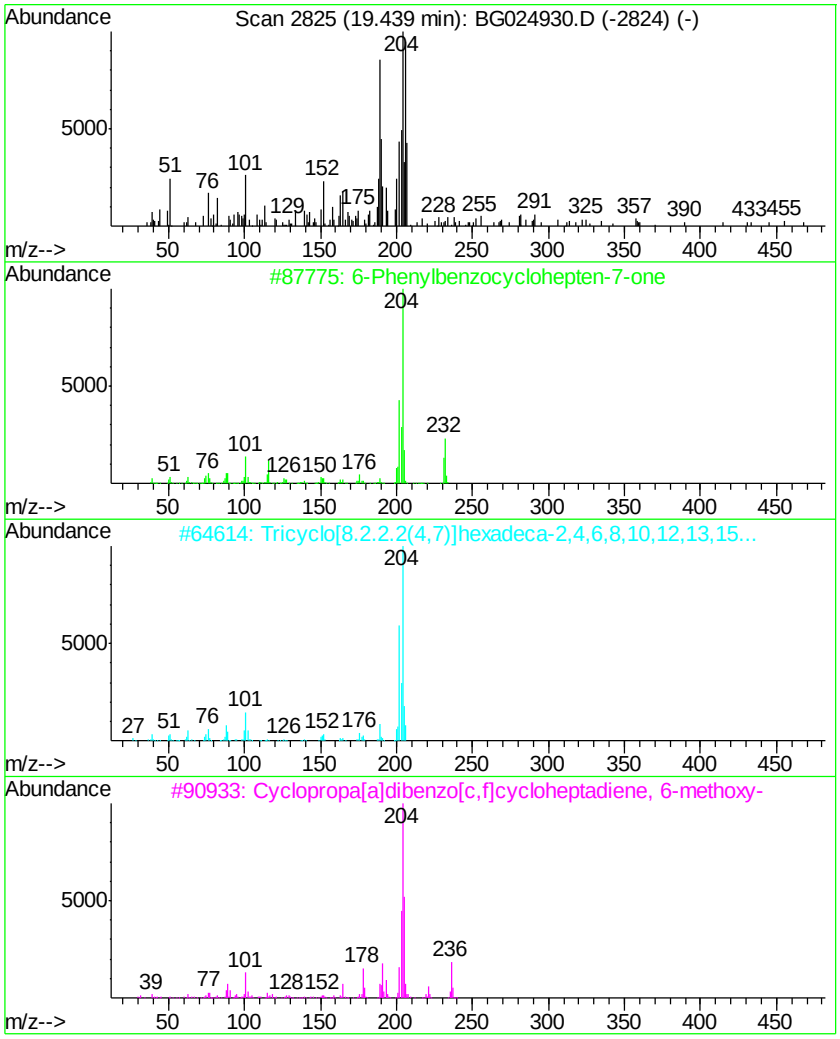
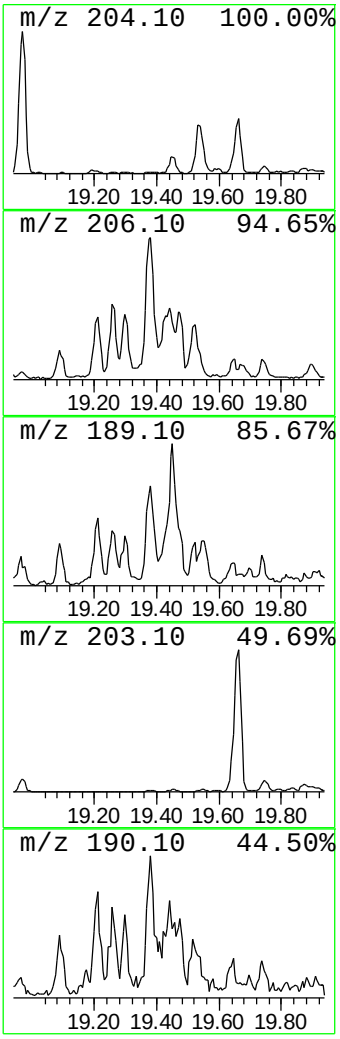
Peak Number 18 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	6.25 ng/ul	556054	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35
3	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	32
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27





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Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

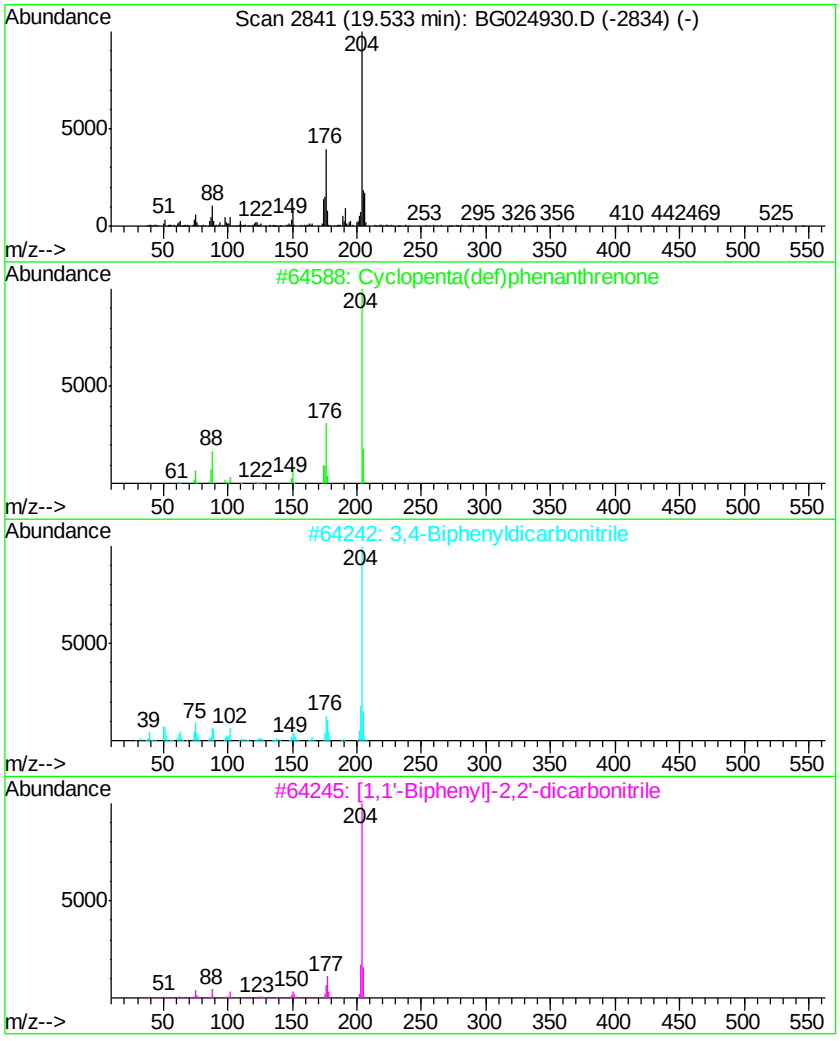
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

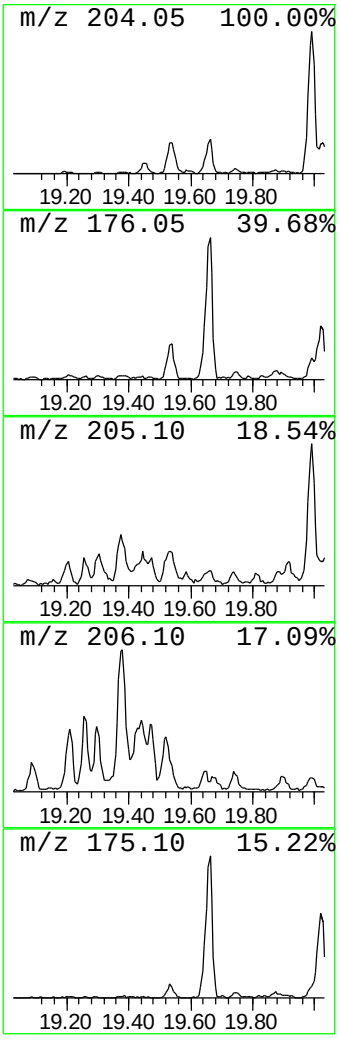
****

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	10.91 ng/ul	969886	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





Library Search Compound Report

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Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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

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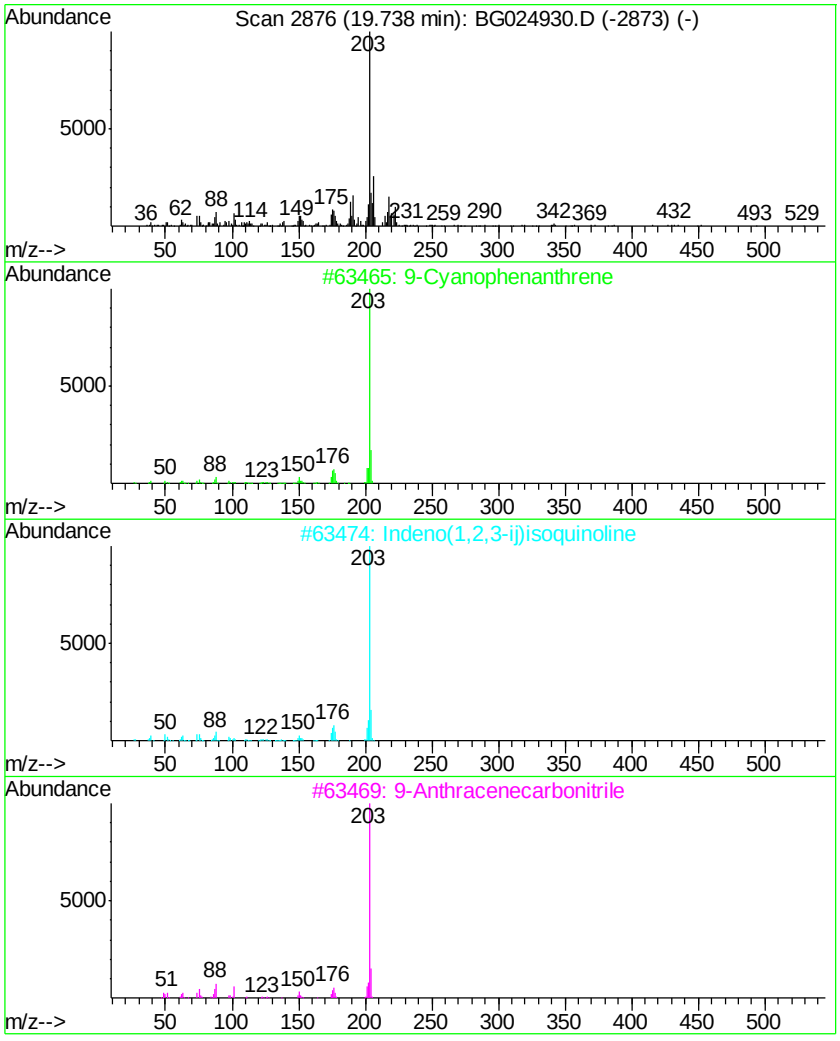
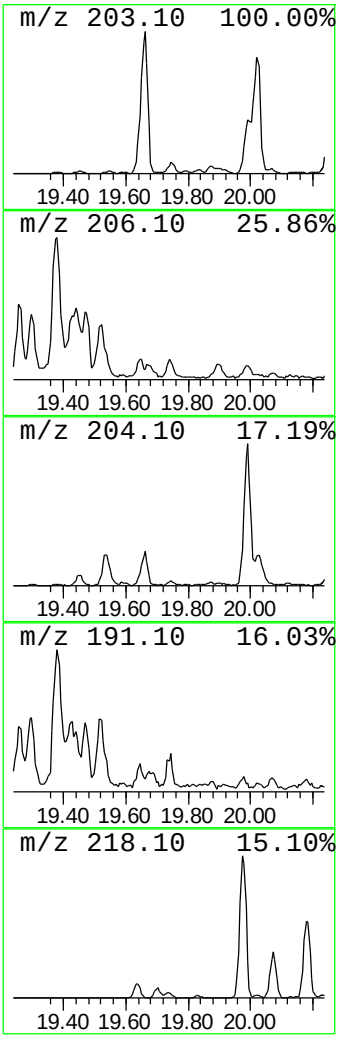
Peak Number 20 9-Cyanophenanthrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	6.00 ng/ul	533544	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cyanophenanthrene	203	C15H9N	002510-55-6	94
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	89
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	76
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	76
5	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	76





Library Search Compound Report

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Sample : H5701-08 2X
Misc :
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Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

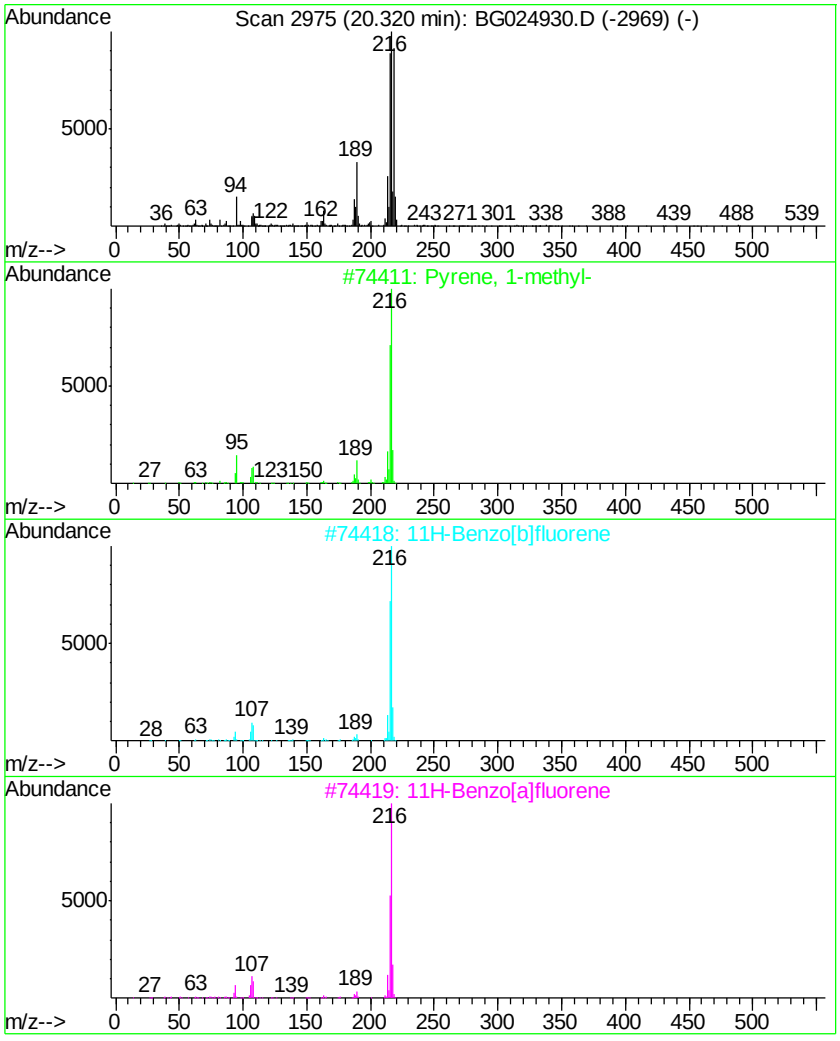
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

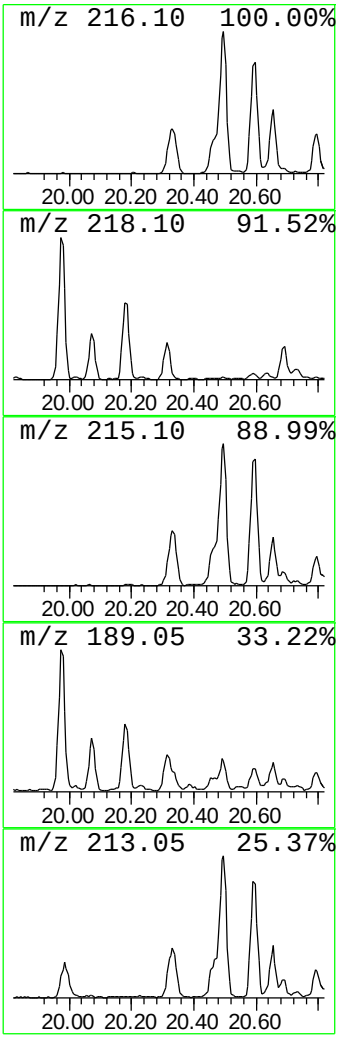
****

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.54 ng/ul	2137850	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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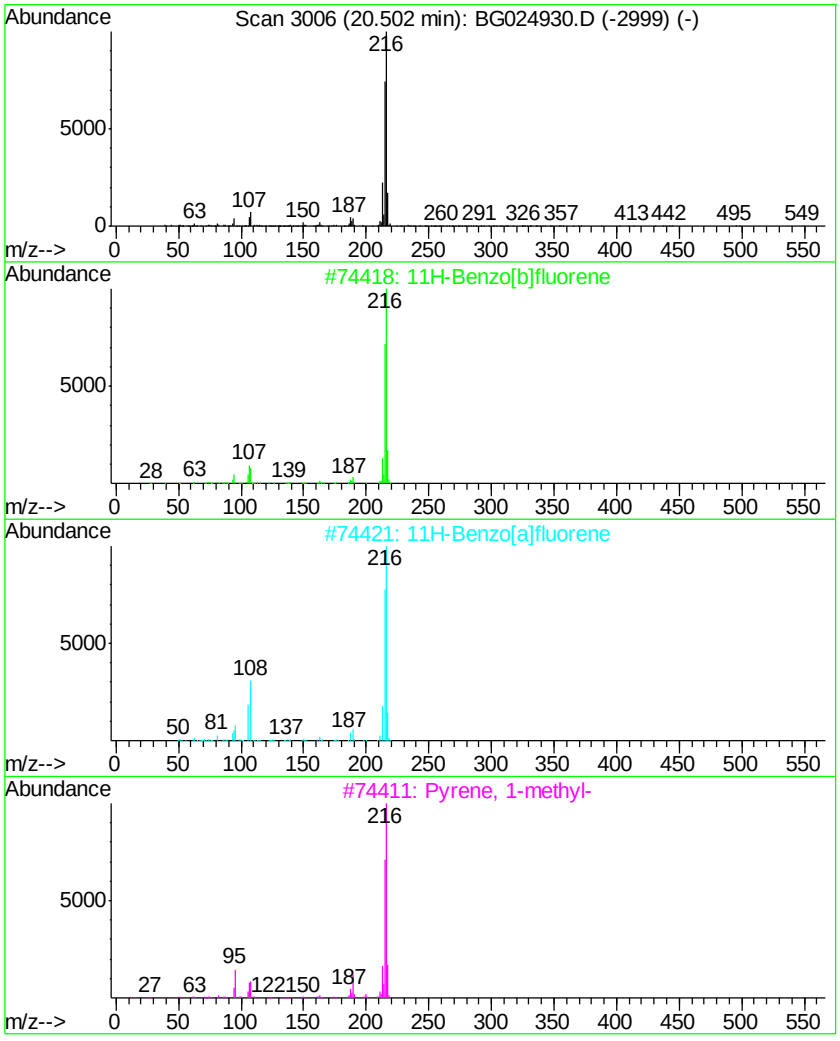
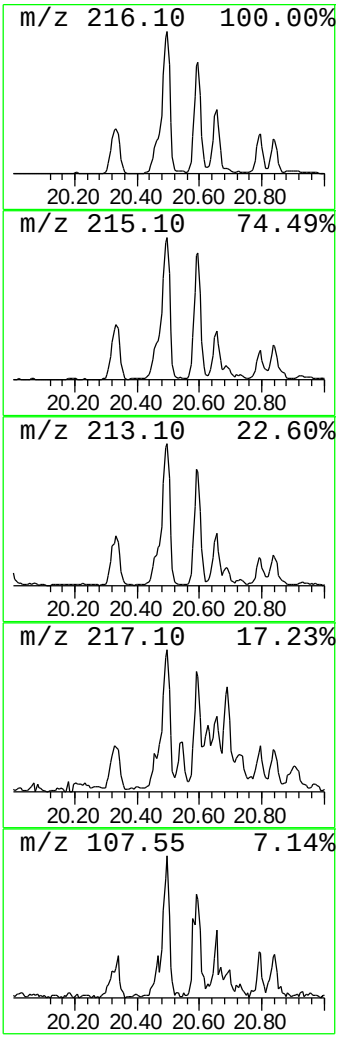
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.07 ng/ul	3430920	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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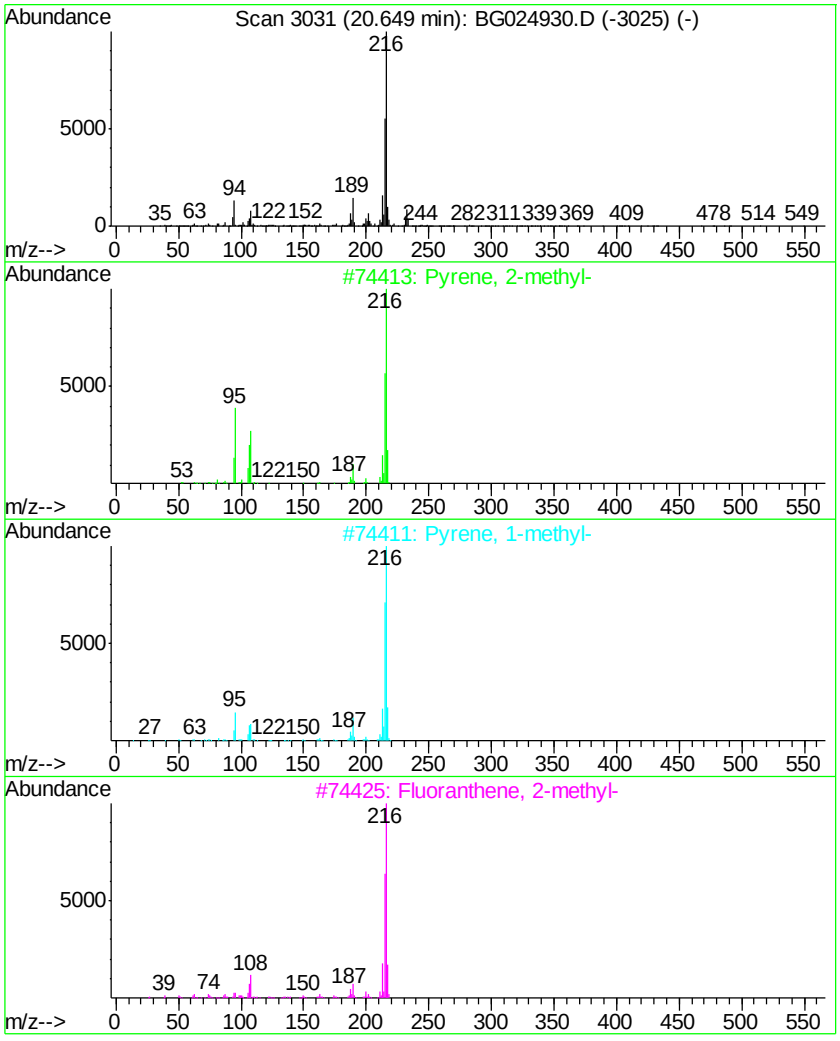
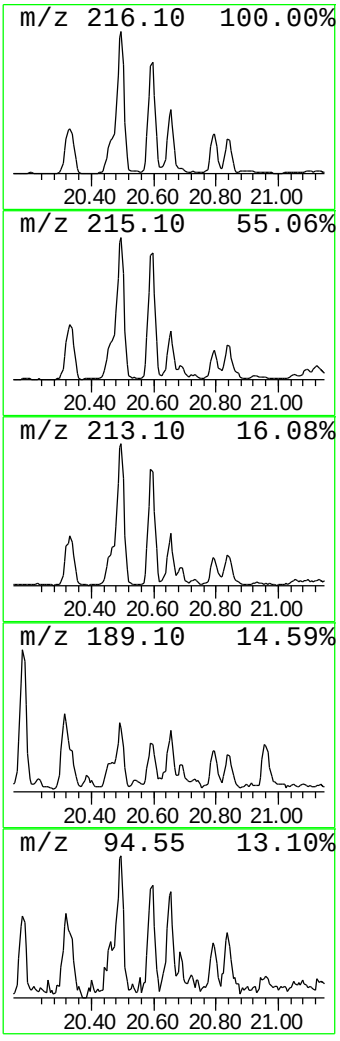
Peak Number 24 Pyrene, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.74 ng/ul	2313730	Chrysene-d12	21.91

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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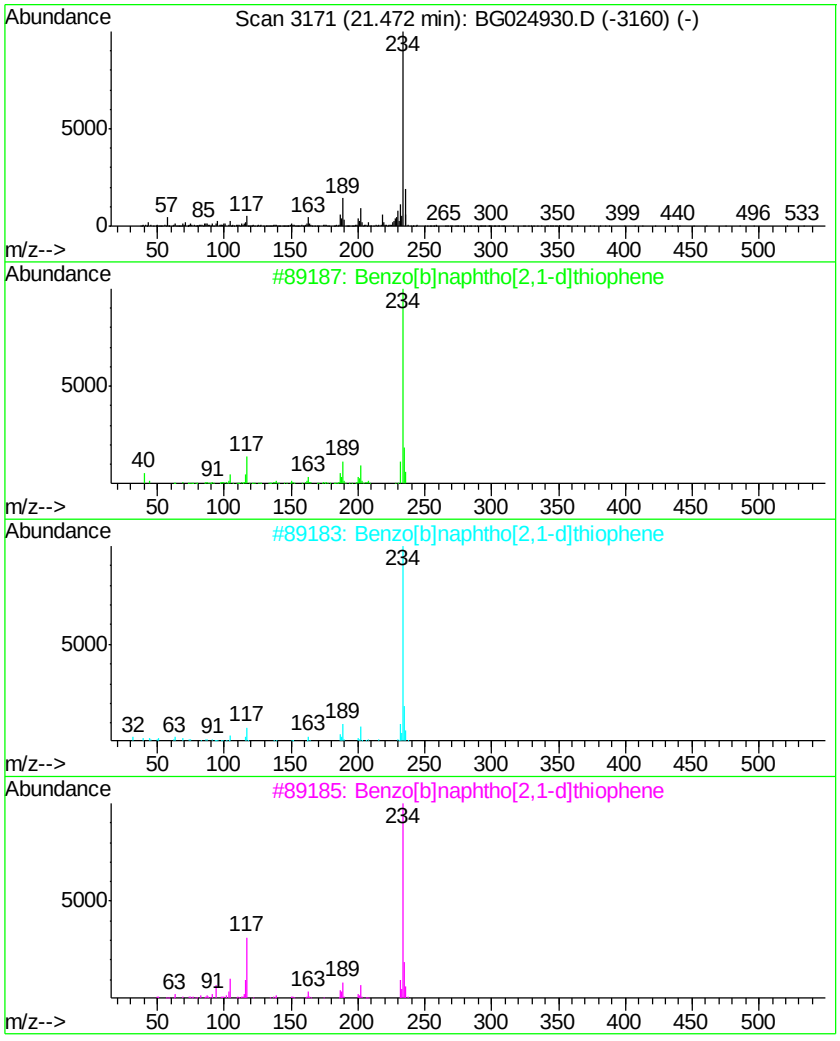
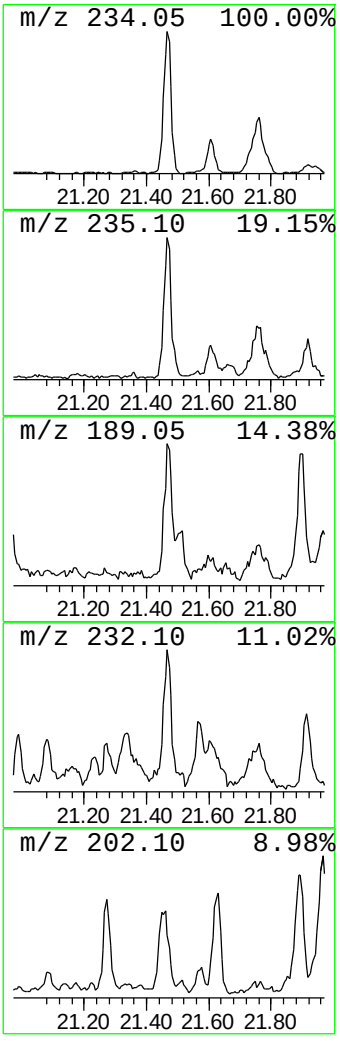
Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.09 ng/ul	2605380	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

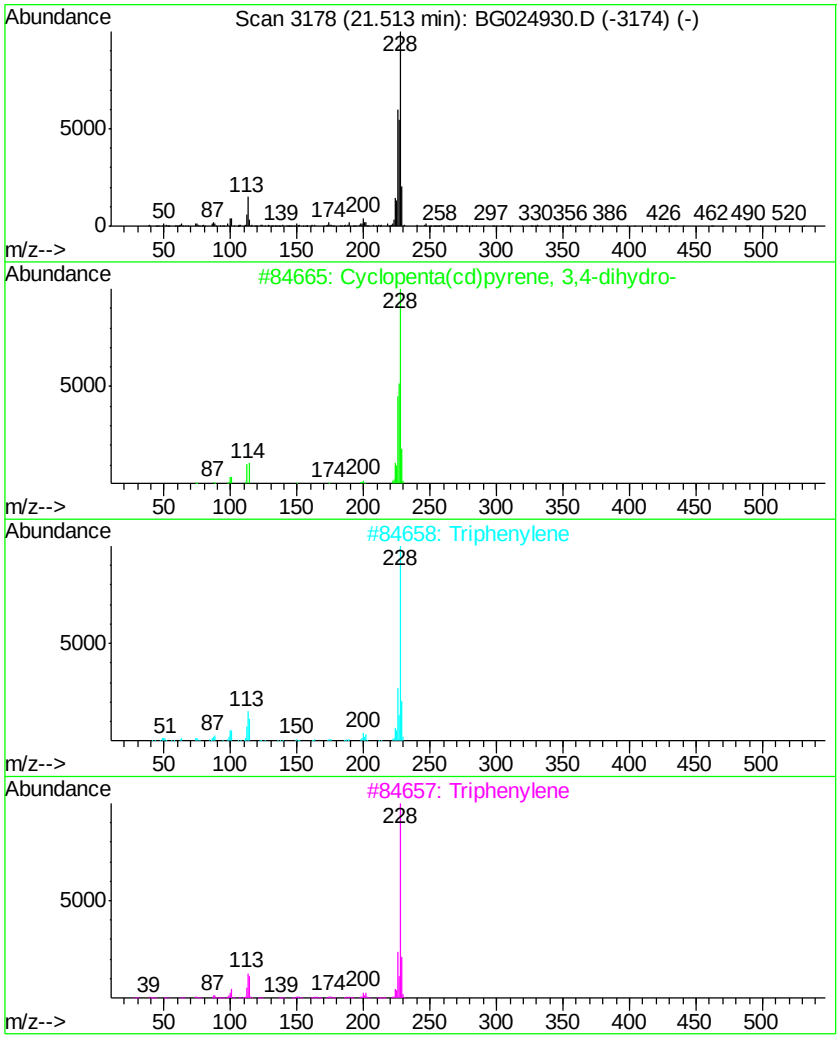
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

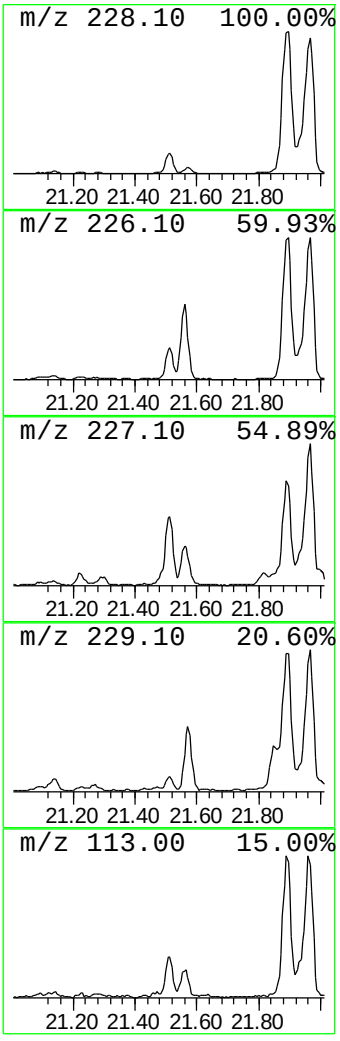
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.17 ng/ul	1826730	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Triphenylene	228	C18H12	000217-59-4	55
3	Triphenylene	228	C18H12	000217-59-4	53
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
5	Chrysene	228	C18H12	000218-01-9	49





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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

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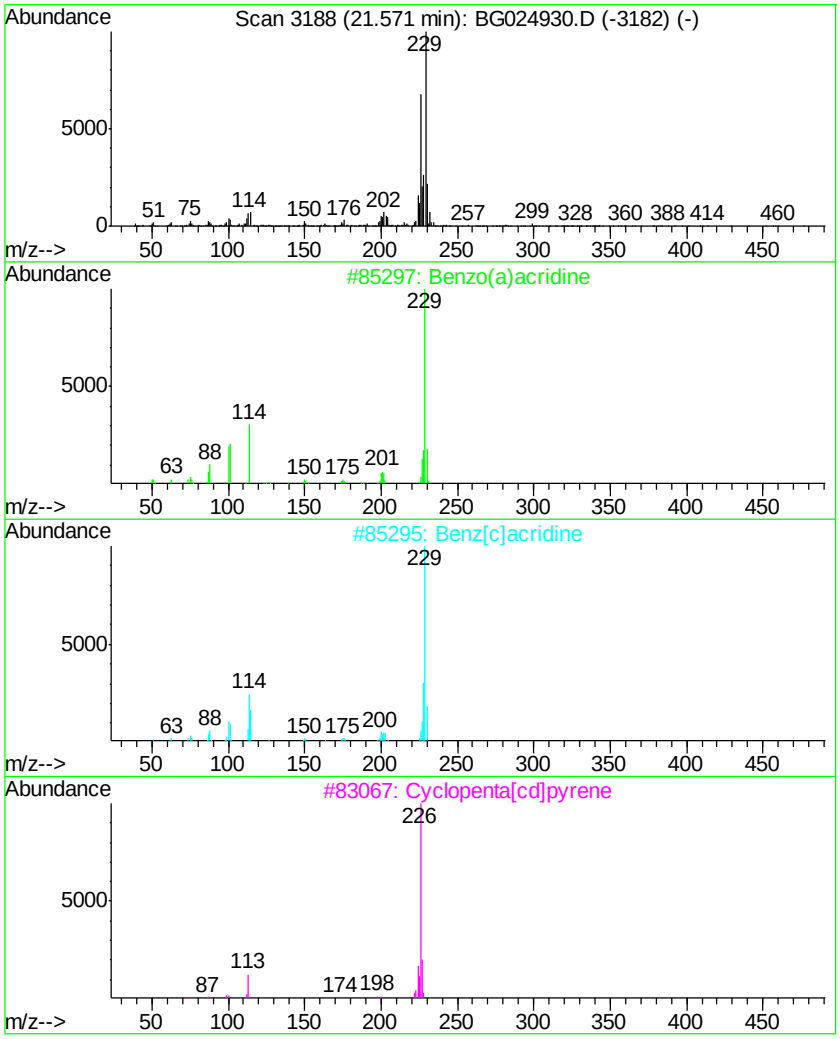
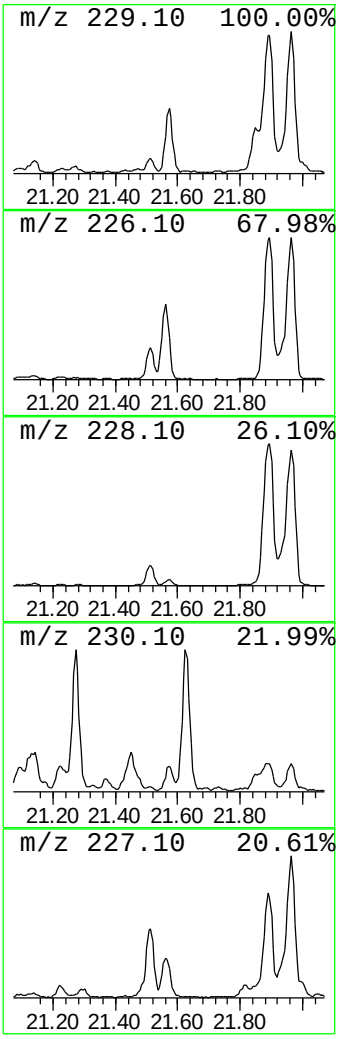
Peak Number 27 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.09 ng/ul	2602250	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	38
2	Benz[c]acridine	229	C17H11N	000225-51-4	38
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	35
5	Benzene, 1,2,4-trichloro-5-(meth...	226	C7H5Cl3S	004163-78-4	27





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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Quant Title : SVOA CALIBRATION

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

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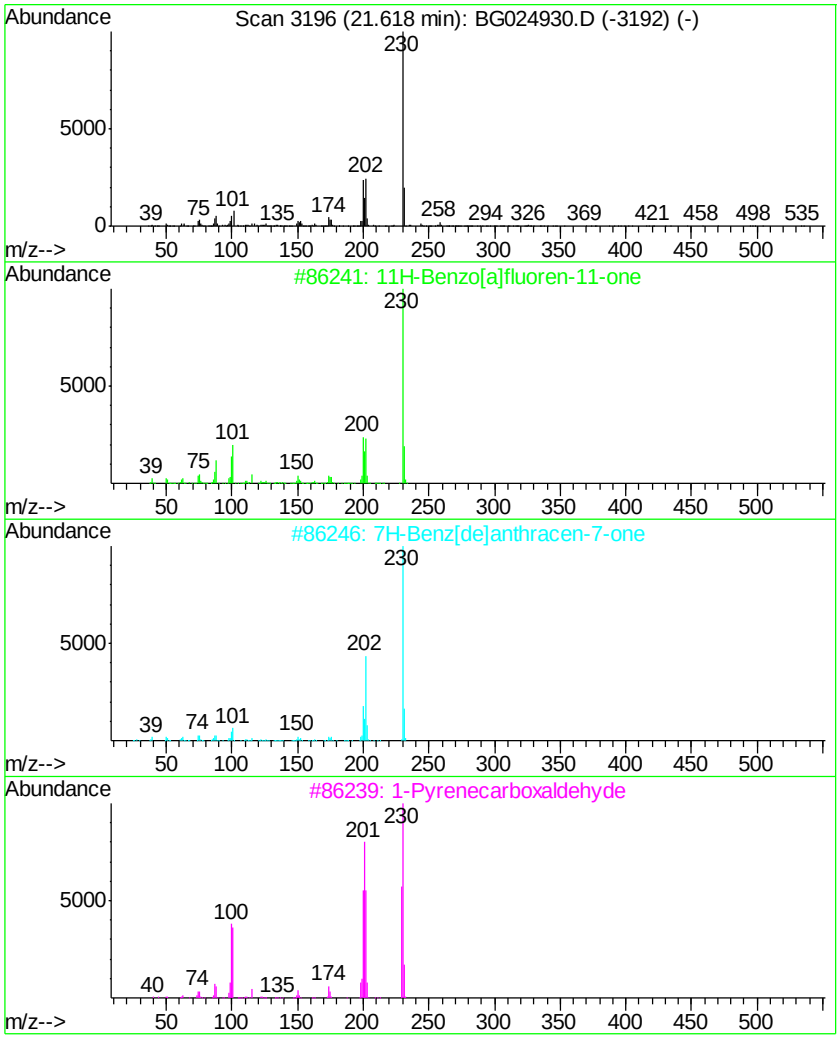
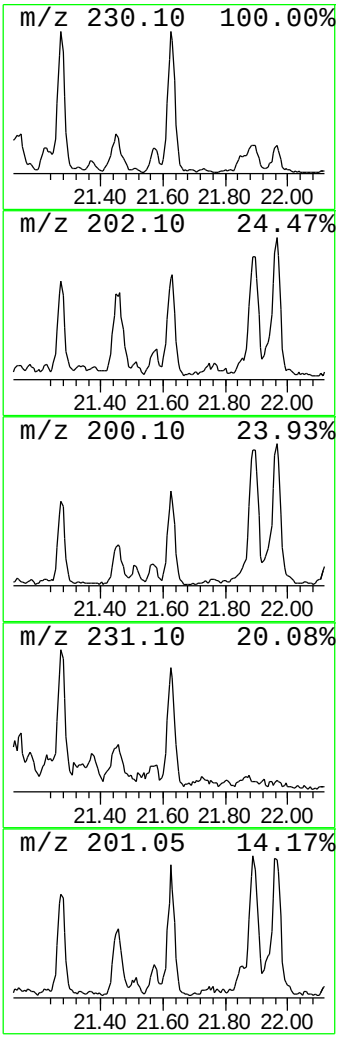
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.27 ng/ul	1909550	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74





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Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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

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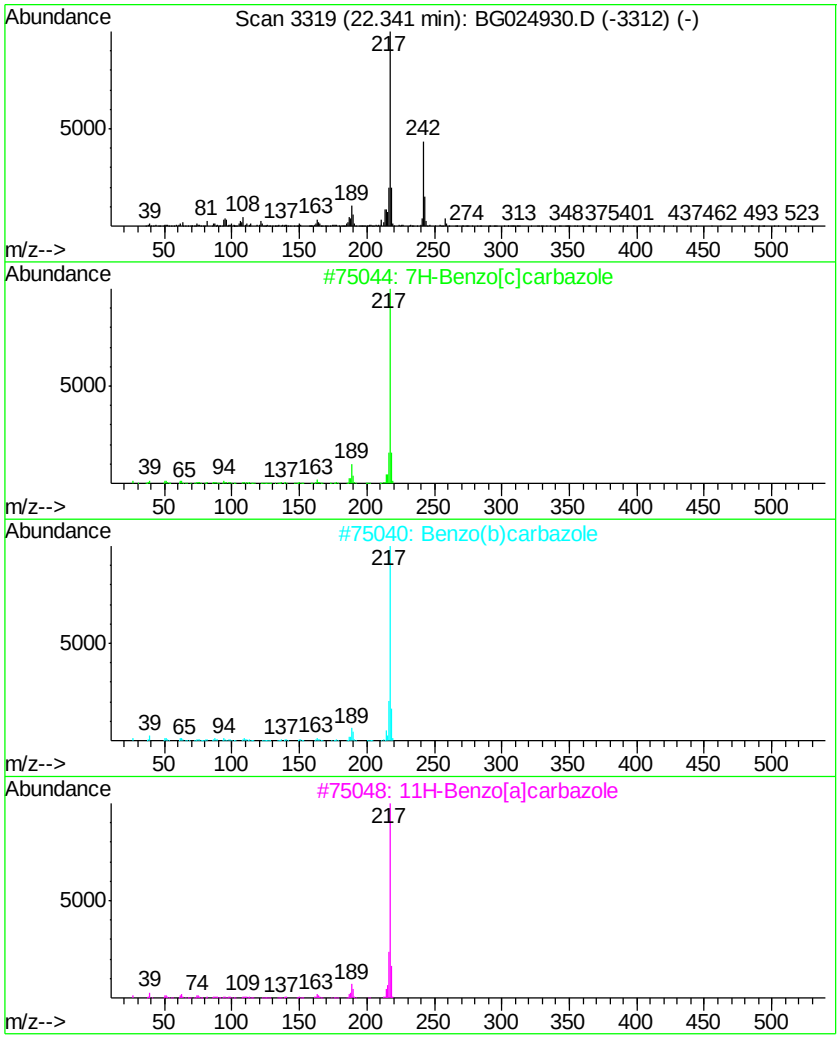
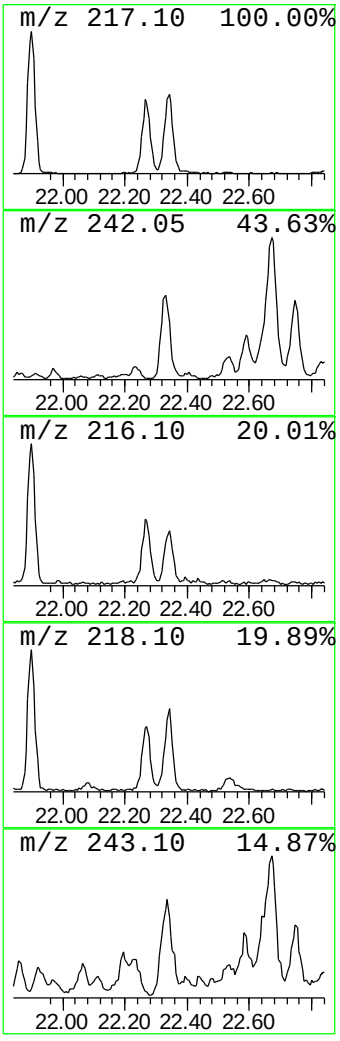
Peak Number 30 7H-Benzo[c]carbazole Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.44 ng/ul	2060230	Chrysene-d12	21.91

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





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

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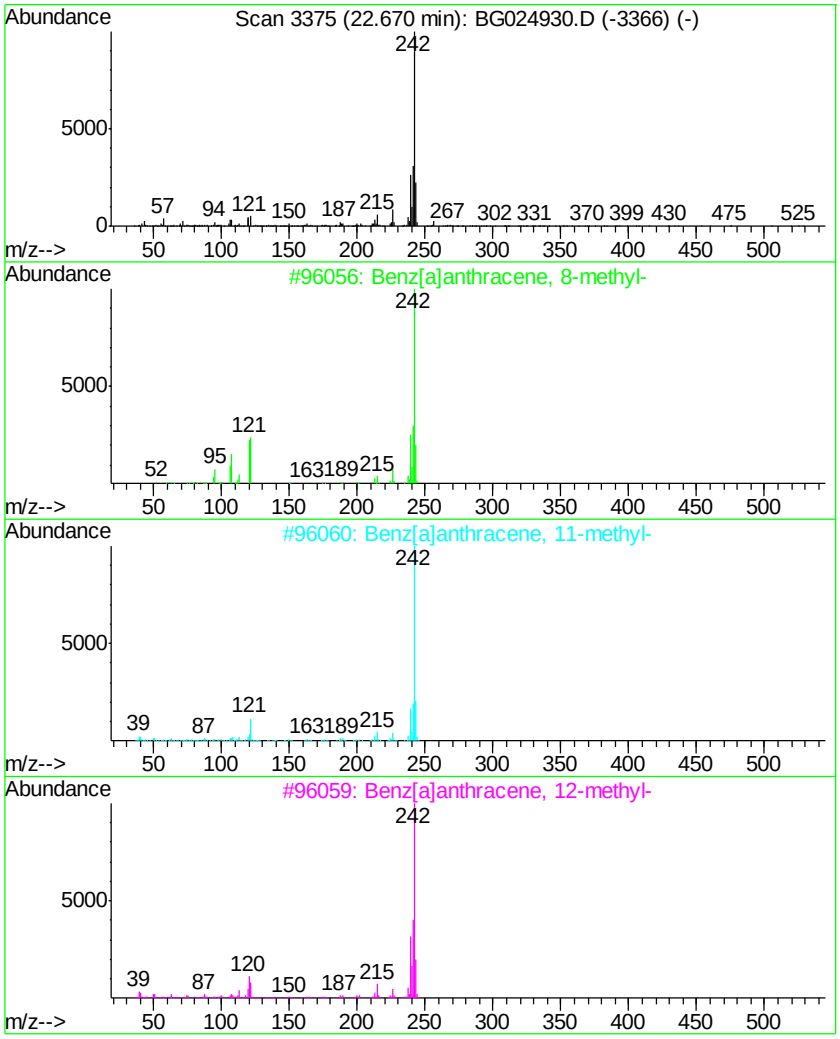
Quant Title : SVOA CALIBRATION

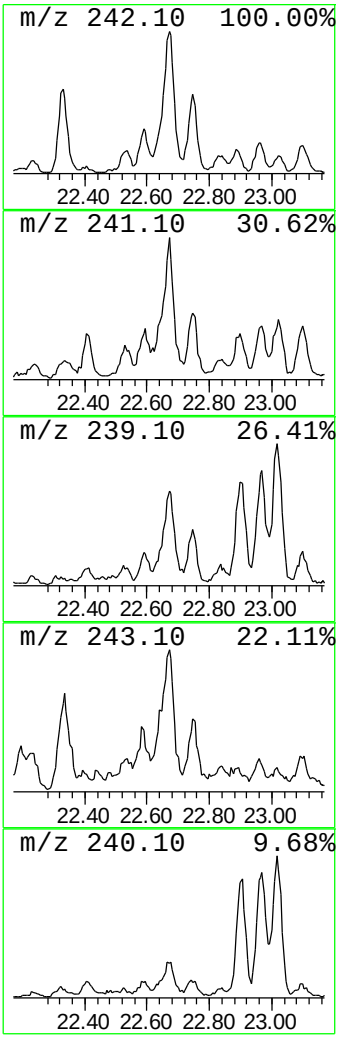
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benz[a]anthracene, 8-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.04 ng/ul	1723270	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	94
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	94
4	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

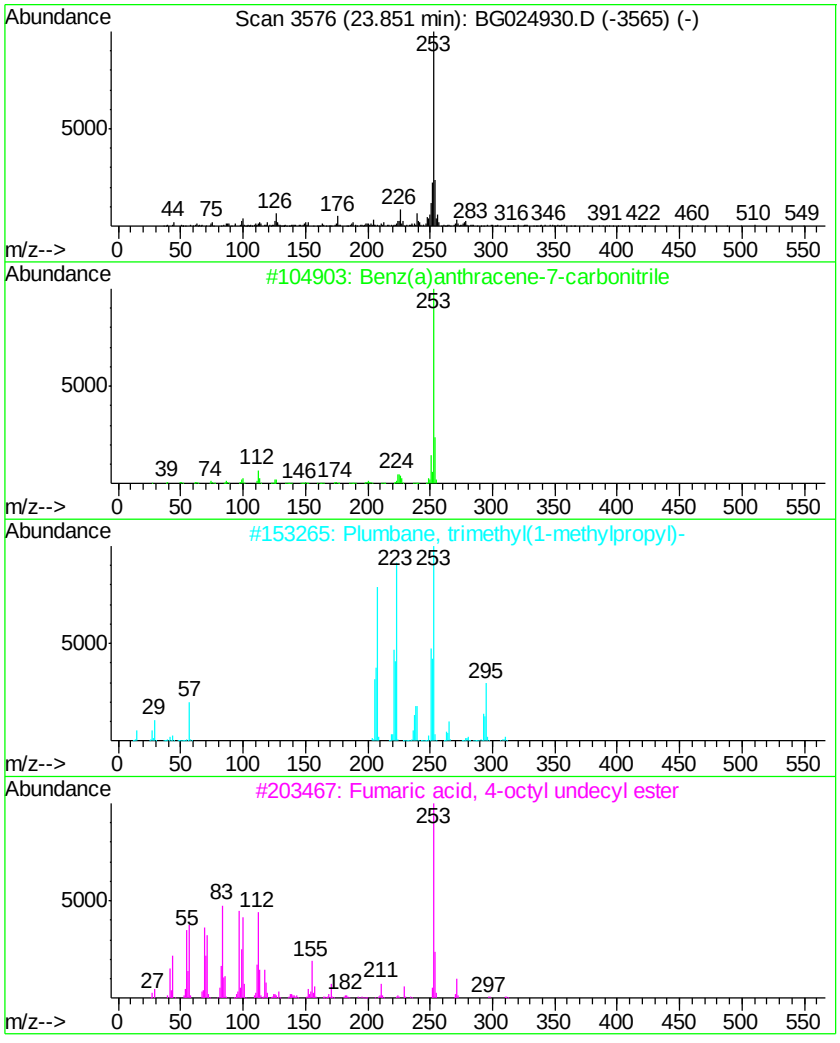
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

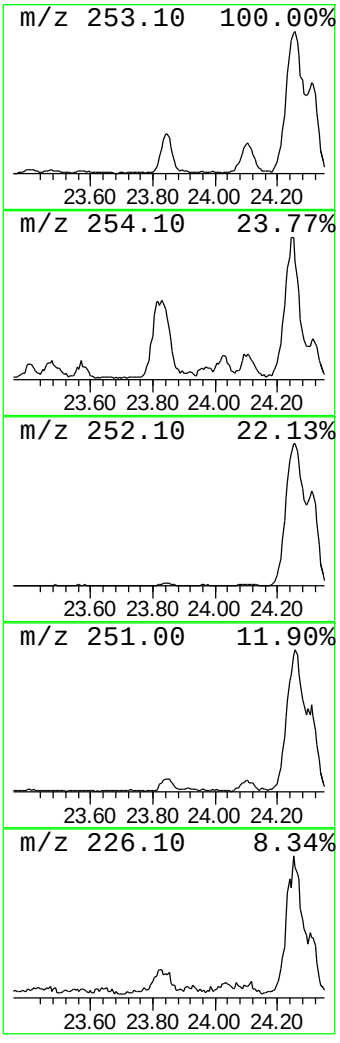
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benz(a)anthracene-7-carboni... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	10.02 ng/ul	1150450	Perylene-d12	25.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2	Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	50
3	Fumaric acid, 4-octyl undecyl ester	382	C23H42O4	1000339-22-2	47
4	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	47
5	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	45





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Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

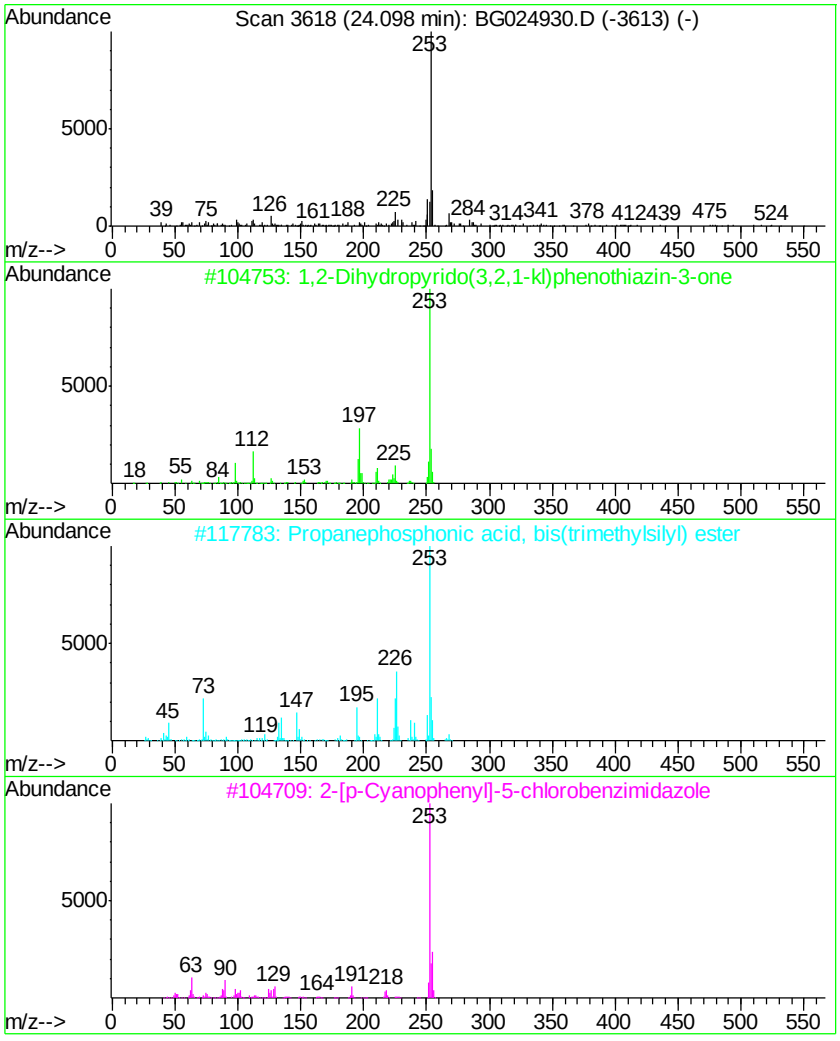
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

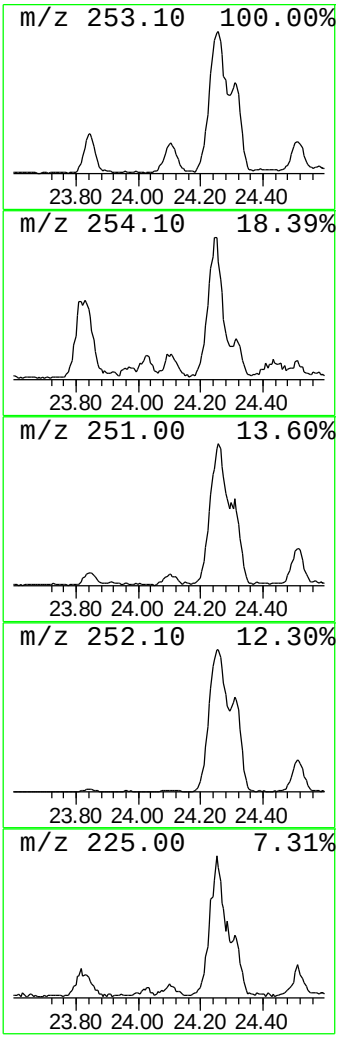
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,2-Dihydropyrido(3,2,1-kl)... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	4.15 ng/ul	476387	Perylene-d12	25.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	72
2	Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	64
3	2-[p-Cyanophenyl]-5-chlorobenzim...	253	C14H8ClN3	146132-86-7	50
4	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	45
5	2-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-3	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

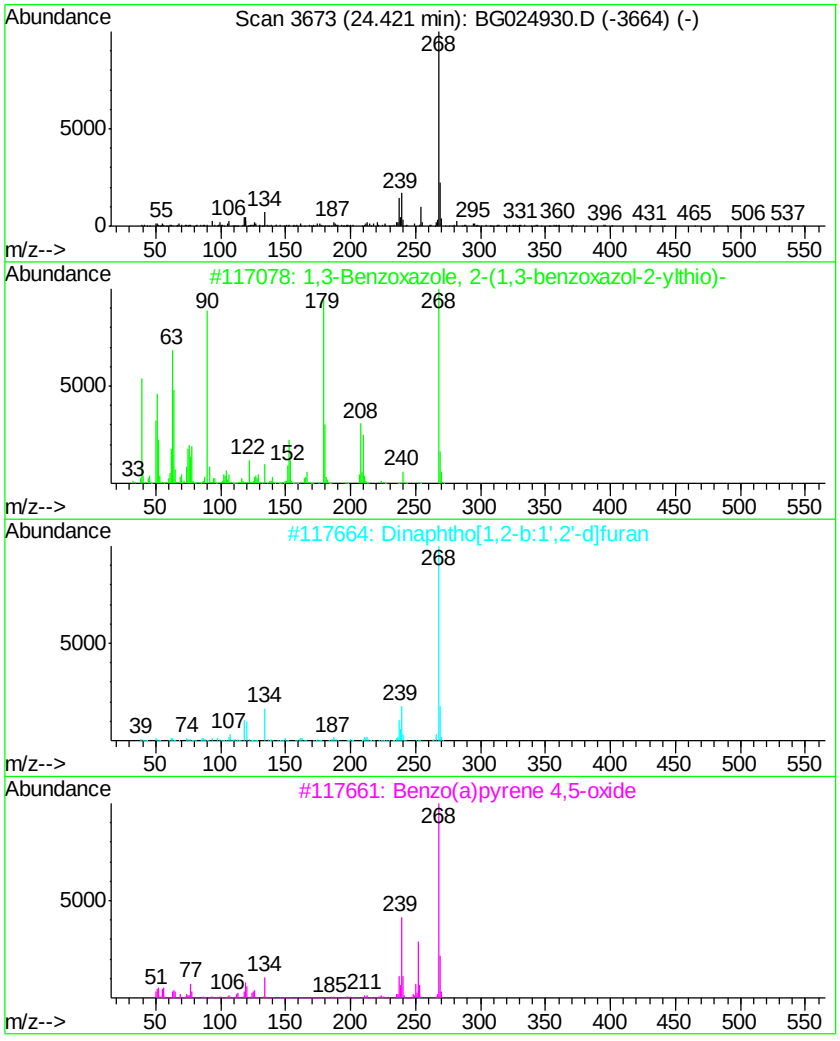
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

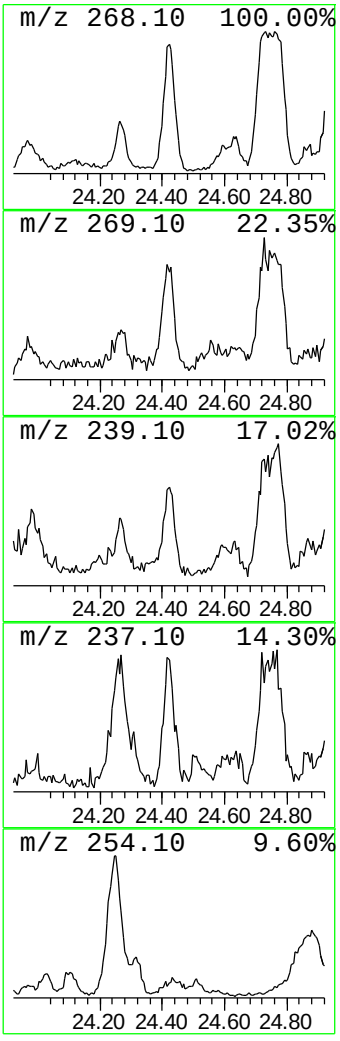
****

Peak Number 34 1,3-Benzoxazole, 2-(1,3-ben... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.42	4.54 ng/ul	521363	Perylene-d12	25.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzoxazole, 2-(1,3-benzoxaz...	268	C14H8N2O2S	1000327-61-1	90
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	80
5	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024930.D
Acq On : 24 Nov 2016 6:15
Operator : UM/SJ
Sample : H5701-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4WD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenylmethane	16.07	5.2	ng/ul	402032	3	14.87	1561590	20.0
Dibenzofuran, 4-m...	16.20	7.1	ng/ul	555034	3	14.87	1561590	20.0
9H-Fluorene, 2-me...	16.91	8.7	ng/ul	770442	4	17.61	1778770	20.0
9H-Fluoren-9-one	17.26	9.7	ng/ul	865847	4	17.61	1778770	20.0
Phenanthrene, 1,2...	17.36	4.4	ng/ul	390780	4	17.61	1778770	20.0
Dibenzothiophene	17.43	14.3	ng/ul	1274600	4	17.61	1778770	20.0
Acridine	17.80	6.4	ng/ul	566276	4	17.61	1778770	20.0
1,4-Ethenoanthrac...	18.12	4.4	ng/ul	390123	4	17.61	1778770	20.0
Phenanthrene, 1-m...	18.48	23.3	ng/ul	2074760	4	17.61	1778770	20.0
1H-Cyclopropa[l]p...	18.61	12.1	ng/ul	1076850	4	17.61	1778770	20.0
4H-Cyclopenta[def...	18.68	54.9	ng/ul	4881670	4	17.61	1778770	20.0
5,16[1',2']:8,13[...	18.97	16.8	ng/ul	1495130	4	17.61	1778770	20.0
9,10-Anthracenedione	19.02	16.6	ng/ul	1480830	4	17.61	1778770	20.0
Phenanthrene, 4,5...	19.21	6.2	ng/ul	552776	4	17.61	1778770	20.0
Phenanthrene, 3,6...	19.38	13.7	ng/ul	1221390	4	17.61	1778770	20.0
unknown-01	19.44	6.3	ng/ul	556054	4	17.61	1778770	20.0
Cyclopenta(def)ph...	19.53	10.9	ng/ul	969886	4	17.61	1778770	20.0
9-Cyanophenanthrene	19.74	6.0	ng/ul	533544	4	17.61	1778770	20.0
Pyrene, 1-methyl-	20.32	2.5	ng/ul	2137850	5	21.91	16860100	20.0
11H-Benzo[b]fluorene	20.50	4.1	ng/ul	3430920	5	21.91	16860100	20.0
Pyrene, 2-methyl-	20.65	2.7	ng/ul	2313730	5	21.91	16860100	20.0
Benzo[b]naphtho[2...	21.47	3.1	ng/ul	2605380	5	21.91	16860100	20.0
Cyclopenta(cd)pyr...	21.51	2.2	ng/ul	1826730	5	21.91	16860100	20.0
unknown-02	21.57	3.1	ng/ul	2602250	5	21.91	16860100	20.0
11H-Benzo[a]fluor...	21.62	2.3	ng/ul	1909550	5	21.91	16860100	20.0
7H-Benzo[c]carbazole	22.34	2.4	ng/ul	2060230	5	21.91	16860100	20.0
Benz[a]anthracene...	22.67	2.0	ng/ul	1723270	5	21.91	16860100	20.0
Benz(a)anthracene...	23.85	10.0	ng/ul	1150450	6	25.34	2296090	20.0
1,2-Dihydropyrido...	24.10	4.2	ng/ul	476387	6	25.34	2296090	20.0
1,3-Benzoxazole, ...	24.42	4.5	ng/ul	521363	6	25.34	2296090	20.0