LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.167	7	13	47	rVB	1642041	3225194	60.84%	4.216%
2	7.115	676	685	694	rBV	81157	156141	2.95%	0.204%
3	7.280	705	713	722	rBV	98146	169731	3.20%	0.222%
4	7.485	741	748	756	rBV	98259	171121	3.23%	0.224%
5	7.949	820	827	836	rBV	354743	603878	11.39%	0.789%
6	8.654	941	947	955	rBV	96961	170704	3.22%	0.223%
7	9.101	1016	1023	1031	rBV	116844	205557	3.88%	0.269%
8	9.824	1140	1146	1153	rBV2	65668	118237	2.23%	0.155%
9	10.364	1230	1238	1246	rBV	97689	183507	3.46%	0.240%
10	10.746	1294	1303	1309	rBV	522990	923730	17.43%	1.207%
11	13.978	1844	1853	1857	rBV	258393	414393	7.82%	0.542%
12	14.025	1857	1861	1867	rVB	119502	169703	3.20%	0.222%
13	14.266	1890	1902	1906	rBV	349620	614729	11.60%	0.804%
14	14.577	1945	1955	1961	rBV2	790491	1299716	24.52%	1.699%
15	14.636	1961	1965	1973	rVV	60909	108081	2.04%	0.141%
16	14.971	2016	2022	2030	rVV	91429	149919	2.83%	0.196%
17	15.564	2115	2123	2128	rBV	471473	704700	13.29%	0.921%
18	15.617	2128	2132	2137	rVB2	109902	156166	2.95%	0.204%
19	15.917	2178	2183	2192	rVB	75907	129089	2.44%	0.169%
20	16.063	2200	2208	2216	rVB	70840	169223	3.19%	0.221%
21	16.627	2293	2304	2309	rVV3	63001	172661	3.26%	0.226%
22	16.857	2334	2343	2346	rVV2	70273	134159	2.53%	0.175%
23	16.892	2346	2349	2353	rVV2	68286	115342	2.18%	0.151%
24	16.968	2357	2362	2370	rVV2	109132	206984	3.90%	0.271%
25	17.050	2370	2376	2382	rVV2	72002	160906	3.04%	0.210%
26	17.133	2386	2390	2401	rVV	92633	169714	3.20%	0.222%
27	17.315	2415	2421	2425	rBV	1000932	1561571	29.46%	2.041%
28	17.362	2425	2429	2434	rVV	1620998	2456709	46.34%	3.211%
29	17.415	2434	2438	2441	rVV2	465136	710358	13.40%	0.929%
30	17.450	2441	2444	2449	rVV	228128	318861	6.01%	0.417%
31	17.714	2480	2489	2493	rBV	88156	147278	2.78%	0.193%
32	17.756	2493	2496	2505	rVV	44048	92994	1.75%	0.122%
33	17.838	2505	2510	2514	rVB2	88222	130302	2.46%	0.170%
34	17.897	2515	2520	2529	rVB3	82876	153049	2.89%	0.200%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	18.190	2565	2570	2574	rBV	390334	571993	10.79%	0.748%
36	18.237	2574	2578	2584	rVB	500665	737569	13.91%	0.964%
37	18.320	2587	2592	2597	rBV	112482	159929	3.02%	0.209%
38	18.384	2597	2603	2607	rBV2	474040	883873	16.67%	1.155%
39	18.419	2607	2609	2616	rVB	282372	378592	7.14%	0.495%
40	18.513	2617	2625	2629	rBV5	40989	114036	2.15%	0.149%
41	18.690	2650	2655	2658	rVV	302763	439746	8.30%	0.575%
42	18.725	2658	2661	2667	rVB	216583	308714	5.82%	0.404%
43	18.936	2694	2697	2701	rVV2	110334	160418	3.03%	0.210%
44	18.984	2701	2705	2709	rVV	114720	174195	3.29%	0.228%
45	19.025	2709	2712	2716	rVB	105133	129672	2.45%	0.169%
46	19.107	2716	2726	2730	rBV2	267769	521062	9.83%	0.681%
47	19.166	2730	2736	2739	rVV4	159842	352765	6.65%	0.461%
48	19.201	2739	2742	2745	rVV	121139	160036	3.02%	0.209%
49	19.242	2745	2749	2759	rVB	374164	617893	11.66%	0.808%
50	19.371	2764	2771	2777	rVB	3479014	5069950	95.64%	6.627%
51	19.430	2777	2781	2784	rBV	79416	104476	1.97%	0.137%
52	19.465	2784	2787	2791	rVB2	77951	104700	1.98%	0.137%
53	19.518	2791	2796	2799	rBV	215804	292371	5.52%	0.382%
54	19.559	2799	2803	2807	rVB2	96874	132244	2.49%	0.173%
55	19.606	2807	2811	2815	rBV2	118270	185067	3.49%	0.242%
56	19.700	2821	2827	2828	rBV2	1095785	1472430	27.78%	1.925%
57	19.730	2828	2832	2840	rVV	3466591	5271836	99.45%	6.891%
58	19.800	2840	2844	2850	rVB2	209535	359380	6.78%	0.470%
59	19.906	2852	2862	2867	rBV	254133	467828	8.82%	0.612%
60	19.959	2868	2871	2878	rVB5	71984	125233	2.36%	0.164%
61	20.047	2880	2886	2898	rBV5	360439	1117252	21.08%	1.460%
62	20.188	2904	2910	2912	rBV3	293260	519564	9.80%	0.679%
63	20.217	2912	2915	2920	rVB	539684	734513	13.86%	0.960%
64	20.317	2928	2932	2936	rBV	266491	354813	6.69%	0.464%
65	20.376	2936	2942	2947	rBV2	483644	820701	15.48%	1.073%
66	20.464	2952	2957	2962	rBV4	116476	201593	3.80%	0.264%
67	20.517	2962	2966	2970	rBV	290303	379707	7.16%	0.496%
68	20.564	2970	2974	2978	rVB2	250071	338478	6.38%	0.442%
69	20.699	2994	2997	3002	rVB2	264417	298873	5.64%	0.391%
70	20.776	3006	3010	3012	rBV4	69138	104800	1.98%	0.137%
71	20.969	3039	3043	3050	rVB	426861	674526	12.72%	0.882%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	21.152	3067	3074	3078	rBV2	275070	629571	11.88%	0.823%
73	21.193	3078	3081	3085	rVV	377094	580745	10.96%	0.759%
74	21.234	3085	3088	3094	rVV2	504336	876953	16.54%	1.146%
75	21.298	3094	3099	3108	rVB2	382440	707117	13.34%	0.924%
76	21.551	3135	3142	3148	rBV3	2160652	5301168	100.00%	6.929%
77	21.610	3148	3152	3165	rVB	1727863	3005116	56.69%	3.928%
78	21.757	3172	3177	3183	rBV	247163	513269	9.68%	0.671%
79	21.815	3183	3187	3194	rVB2	173285	315292	5.95%	0.412%
80	21.956	3205	3211	3218	rBV2	228636	498984	9.41%	0.652%
81	22.021	3219	3222	3232	rVB4	109636	261745	4.94%	0.342%
82	22.203	3249	3253	3257	rBV3	85290	155789	2.94%	0.204%
83	22.274	3257	3265	3271	rVV	375256	792818	14.96%	1.036%
84	22.344	3272	3277	3286	rVB3	253523	581642	10.97%	0.760%
85	22.474	3296	3299	3304	rVB2	109213	173996	3.28%	0.227%
86	22.538	3305	3310	3314	rVV	198659	382401	7.21%	0.500%
87	22.579	3314	3317	3325	rVB3	194172	359398	6.78%	0.470%
88	22.726	3337	3342	3349	rVB	469386	787365	14.85%	1.029%
89	23.702	3497	3508	3514	rBV	1383192	4595362	86.69%	6.007%
90	23.819	3524	3528	3532	rBV2	100947	169668	3.20%	0.222%
91	23.937	3542	3548	3558	rVB	307306	721254	13.61%	0.943%
92	24.142	3578	3583	3586	rBV4	51701	116446	2.20%	0.152%
93	24.389	3616	3625	3632	rBV	790704	2035033	38.39%	2.660%
94	24.459	3633	3637	3642	rVV	258959	618234	11.66%	0.808%
95	24.530	3642	3649	3660	rVB	1229992	3345555	63.11%	4.373%
96	24.671	3664	3673	3680	rBV2	608727	1739978	32.82%	2.274%
97	24.741	3680	3685	3701	rVB2	402236	1264965	23.86%	1.653%
98	28.184	4259	4271	4292	rVB2	555123	2794807	52.72%	3.653%
99	28.631	4342	4347	4358	rVB2	69259	209540	3.95%	0.274%
100	29.283	4444	4458	4471	rVB	398002	1753893	33.09%	2.293%

Sum of corrected areas: 76503339

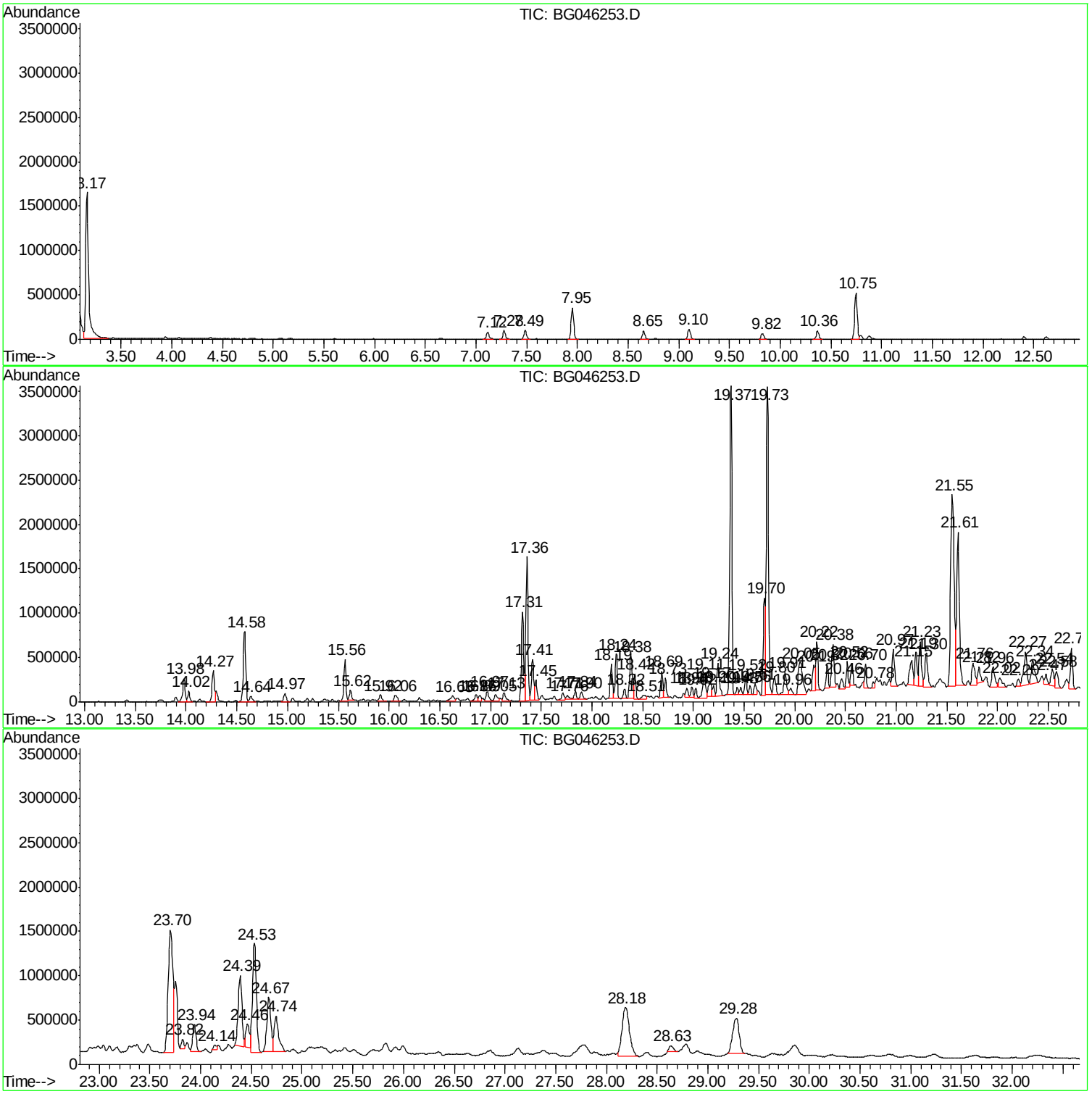
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

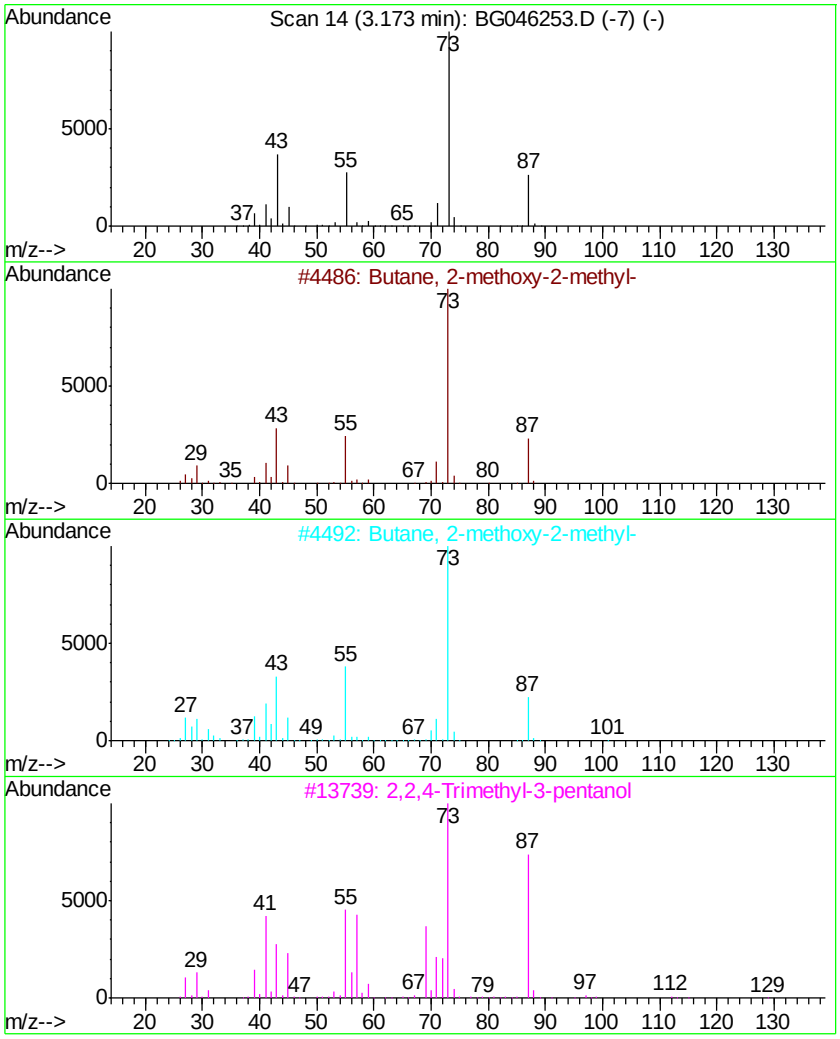
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

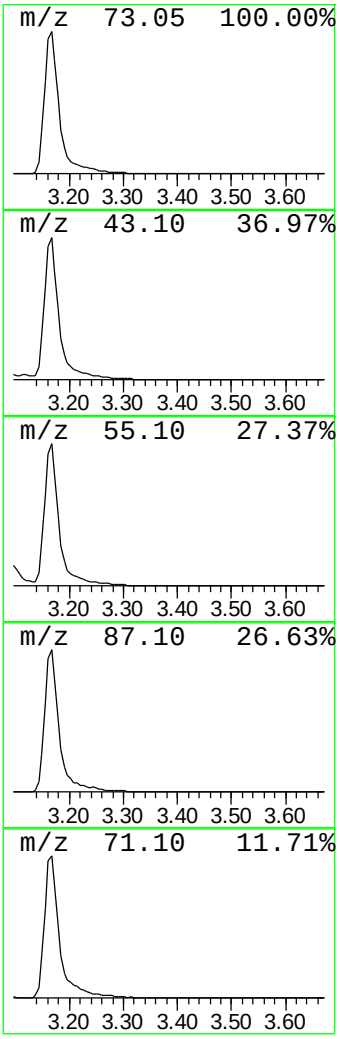
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	106.82 ng/ul	3225190	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

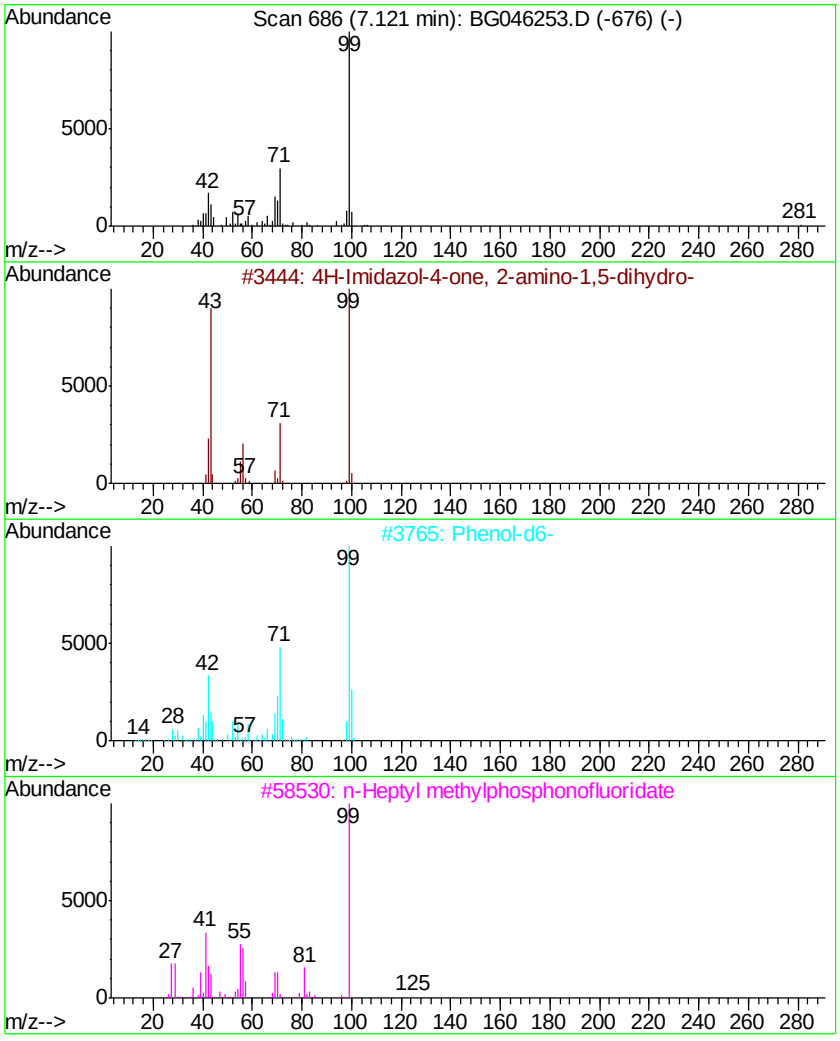
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

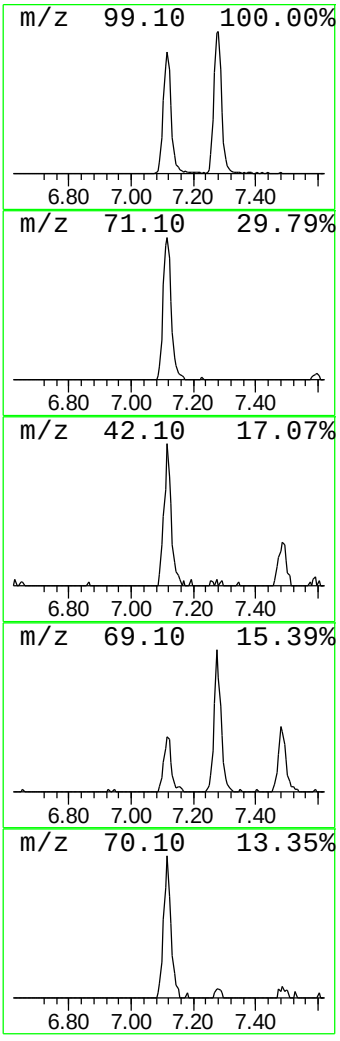
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.17 ng/ul	156141	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	59
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
5	2-Piperidinone	99	C5H9NO	000675-20-7	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

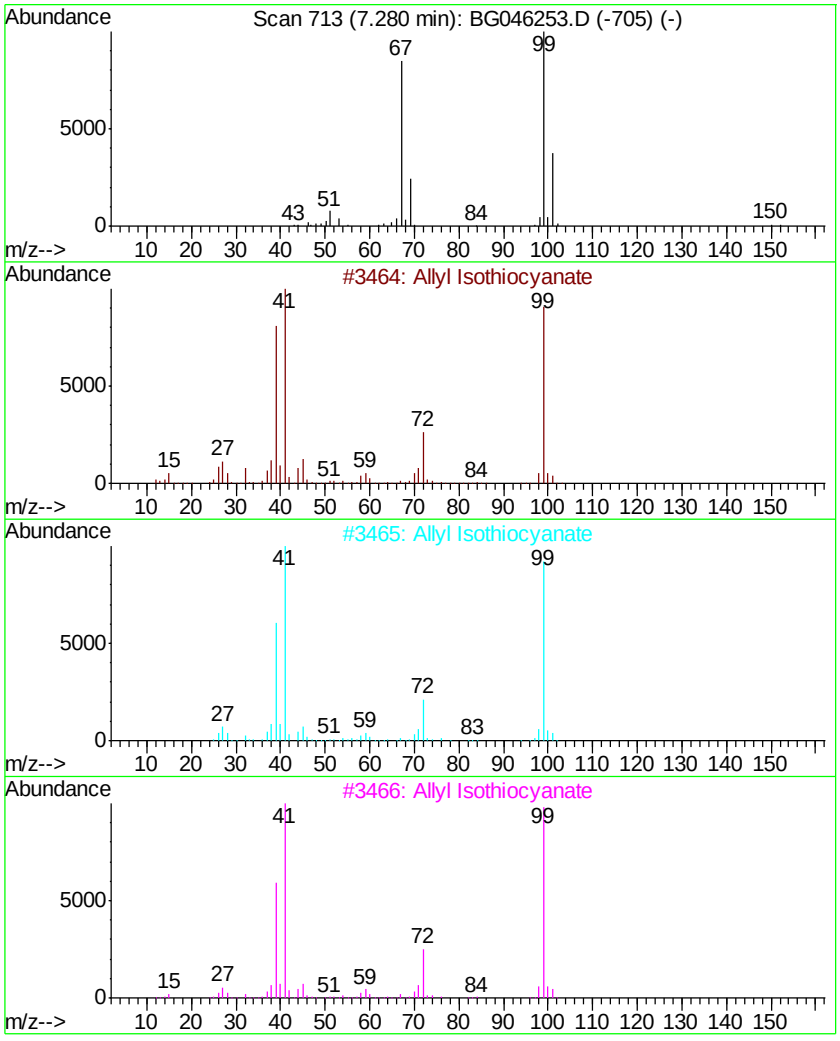
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

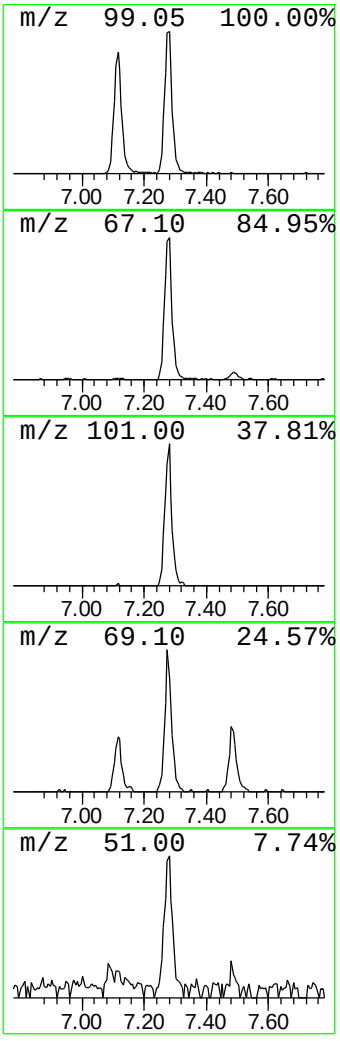
****

Peak Number 3 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	5.62 ng/ul	169731	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	9
2	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	9
3	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

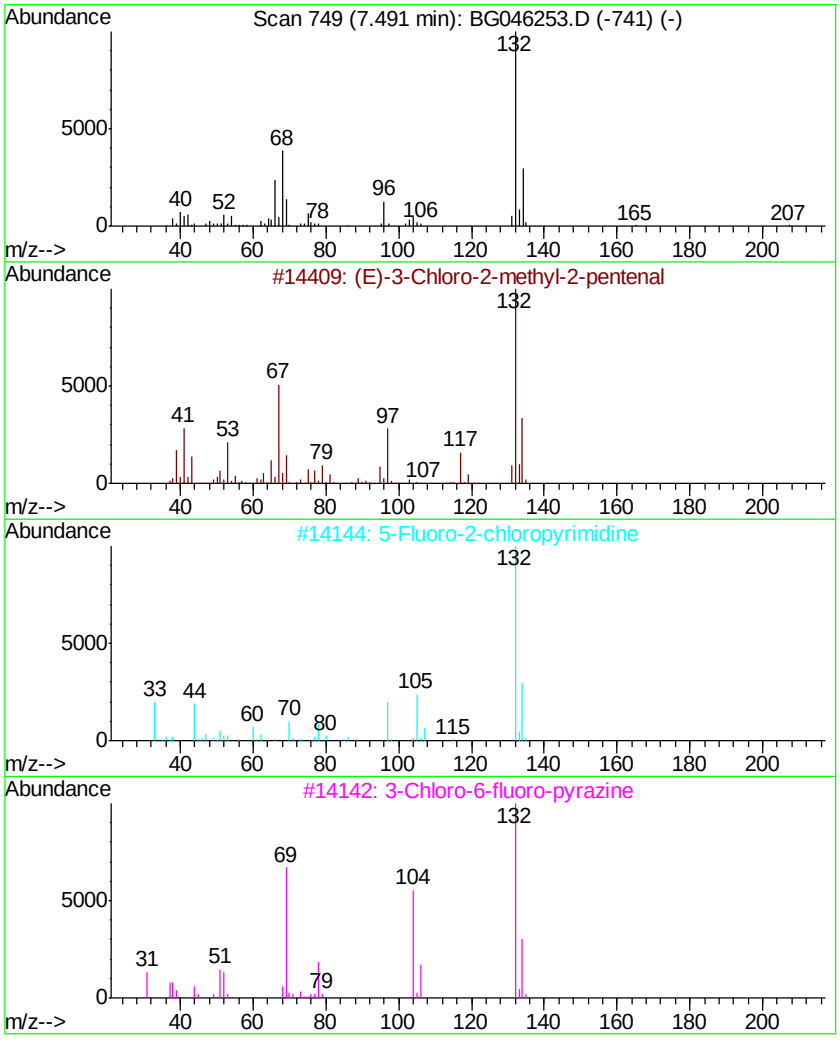
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

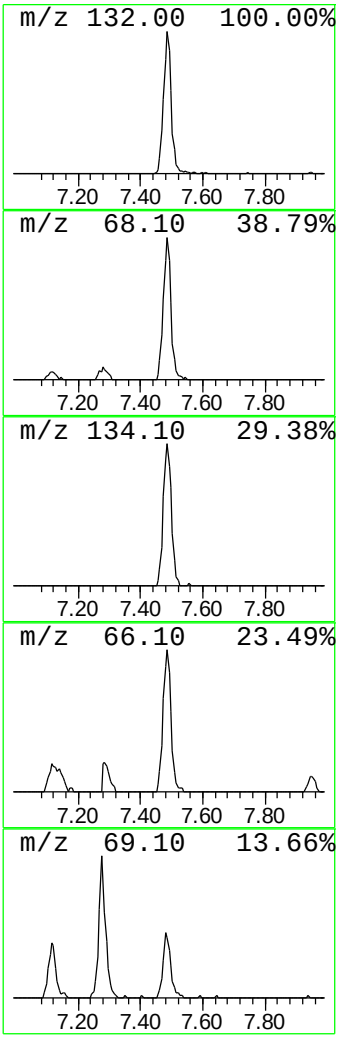
****

Peak Number 4 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.67 ng/ul	171121	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

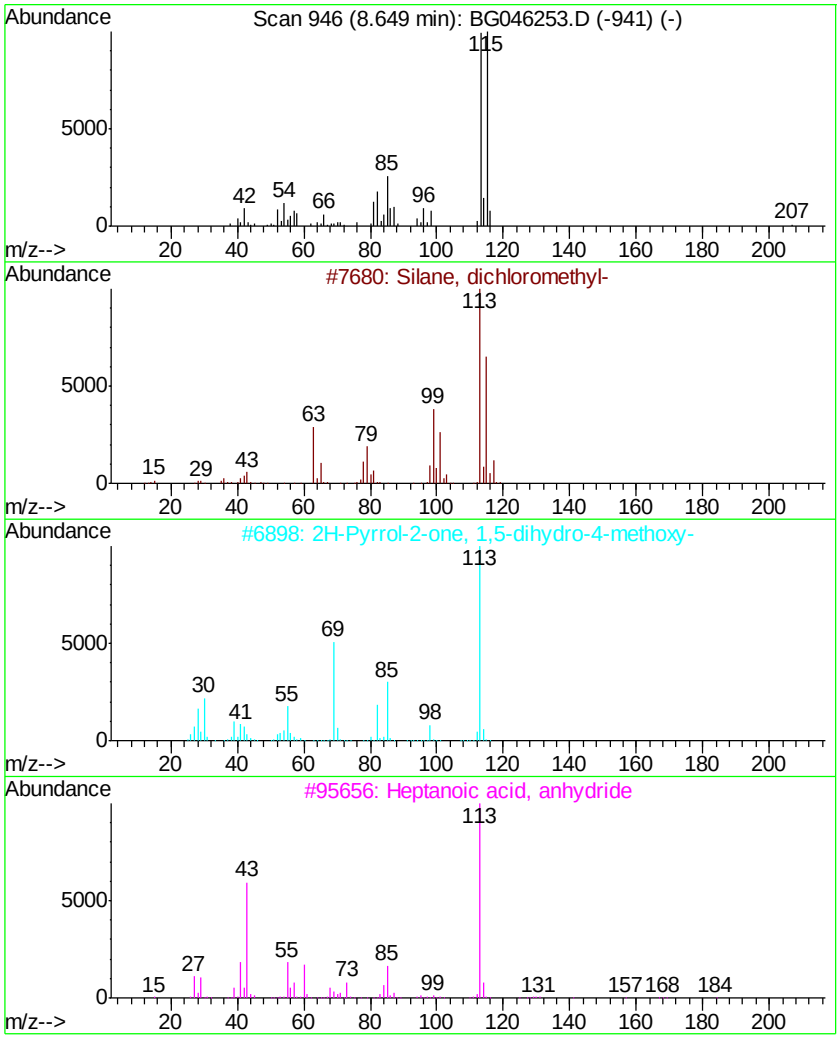
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

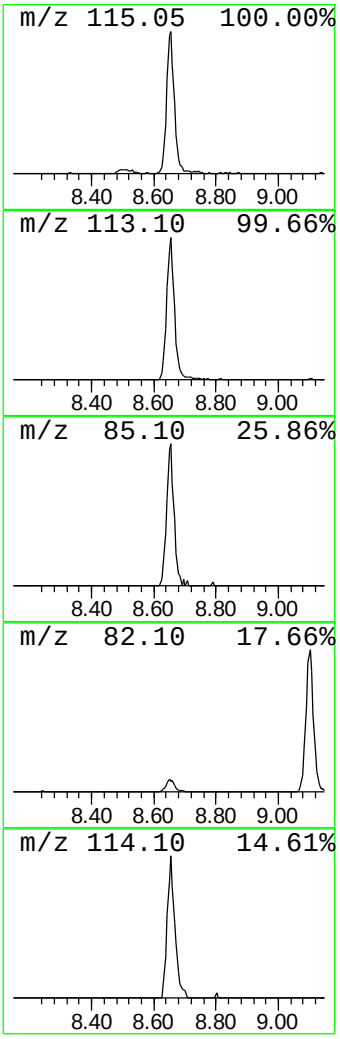
****

Peak Number 5 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.65 ng/ul	170704	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	38
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
4	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





Library Search Compound Report

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Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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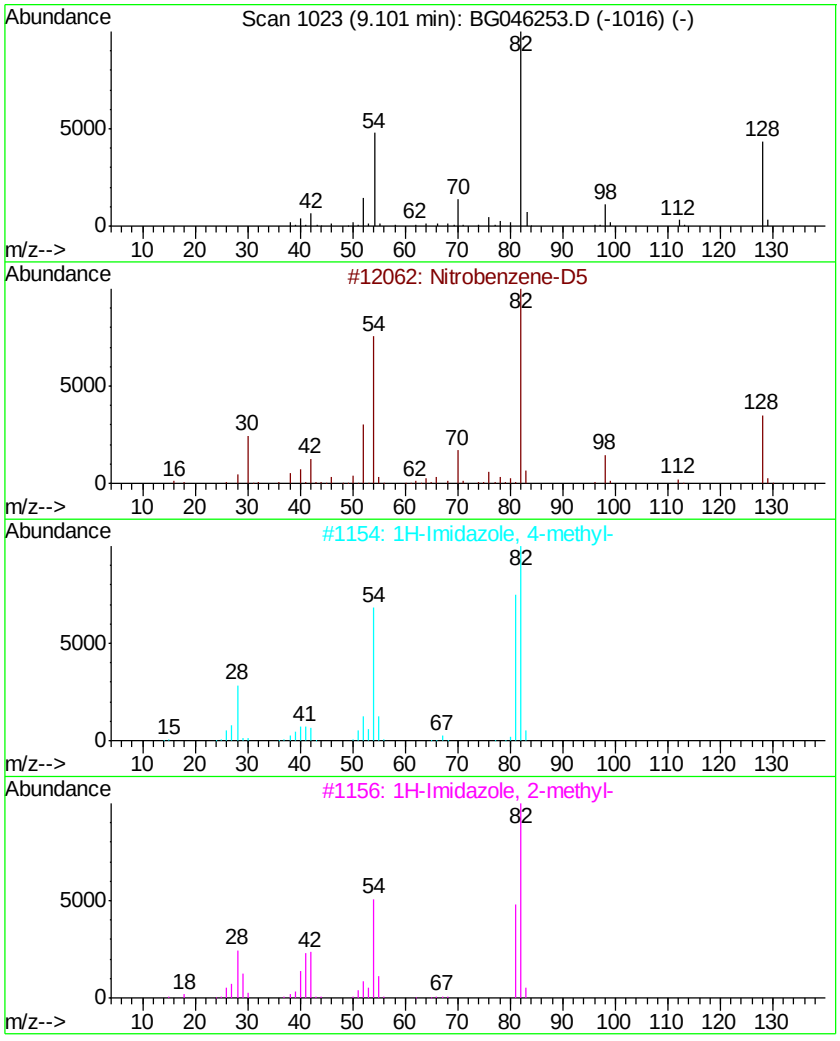
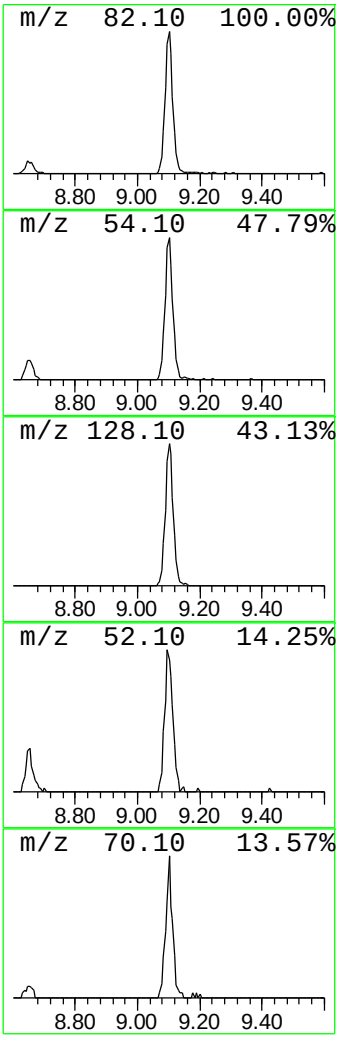
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	6.81 ng/ul	205557	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	78
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	25
5	Butyramide, 2-cyano-2-ethyl-	140	C7H12N2O	018705-38-9	12





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

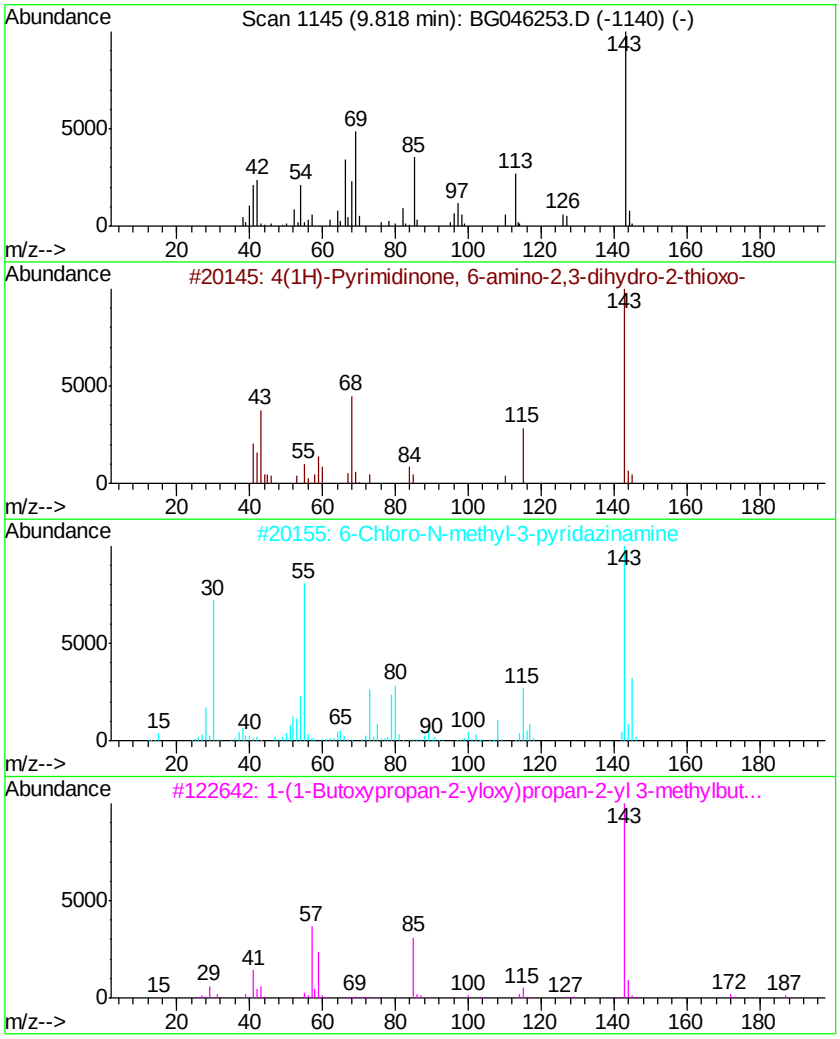
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

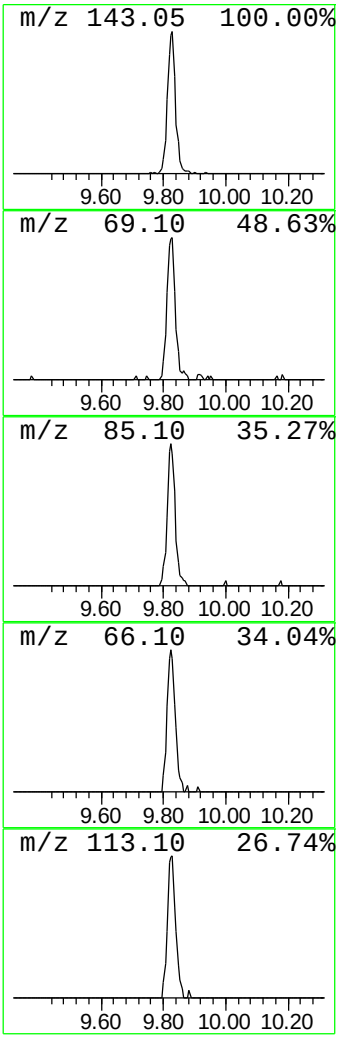
****

Peak Number 7 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.56 ng/ul	118237	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	25
2	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	22
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	22
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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Quant Title : SVOA CALIBRATION

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

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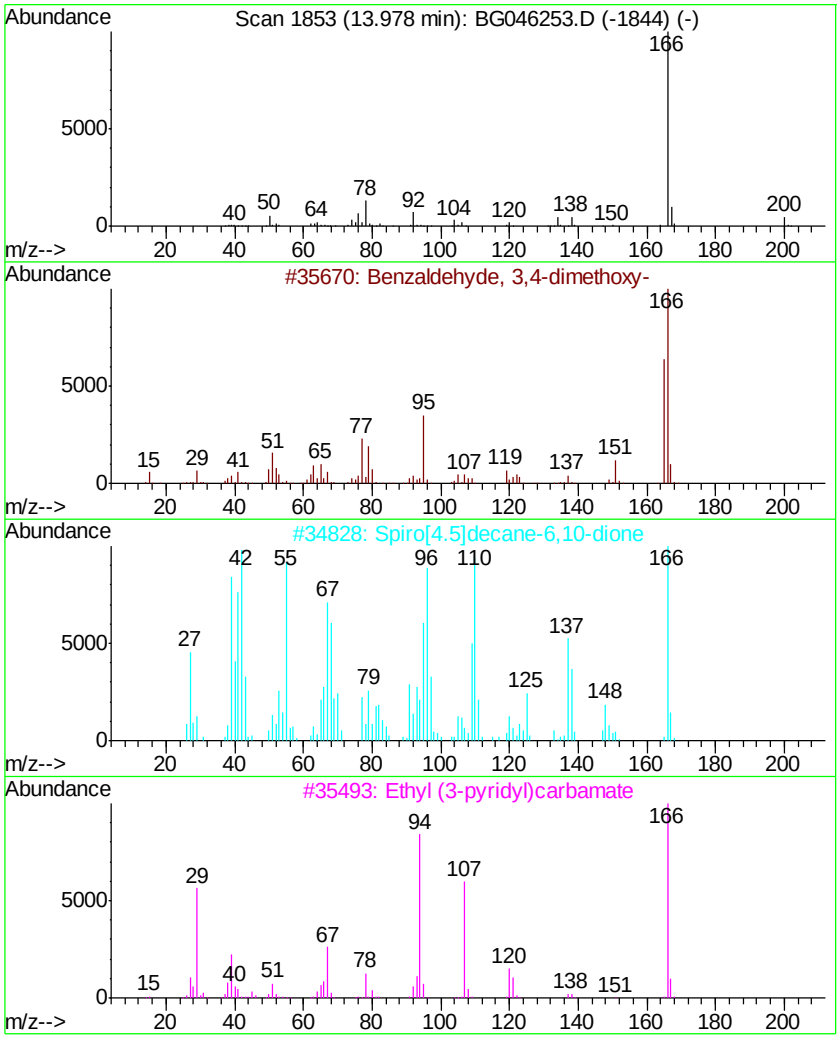
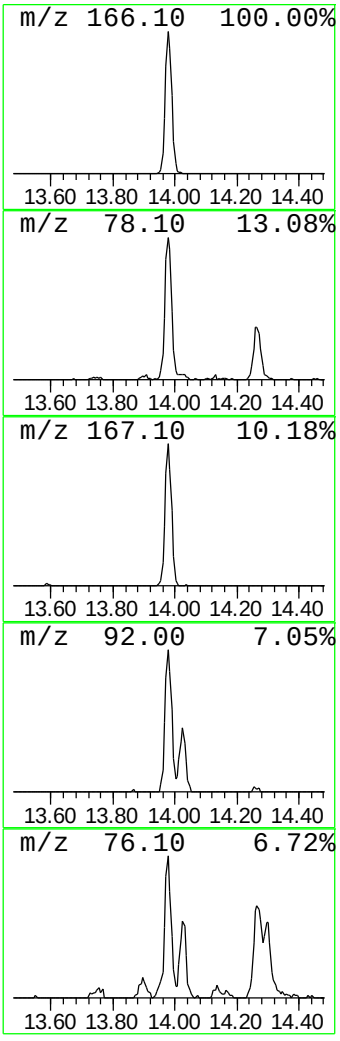
Peak Number 8 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.38 ng/ul	414393	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Spiro[4.5]decane-6,10-dione	166	C10H14O2	006684-66-8	40
3	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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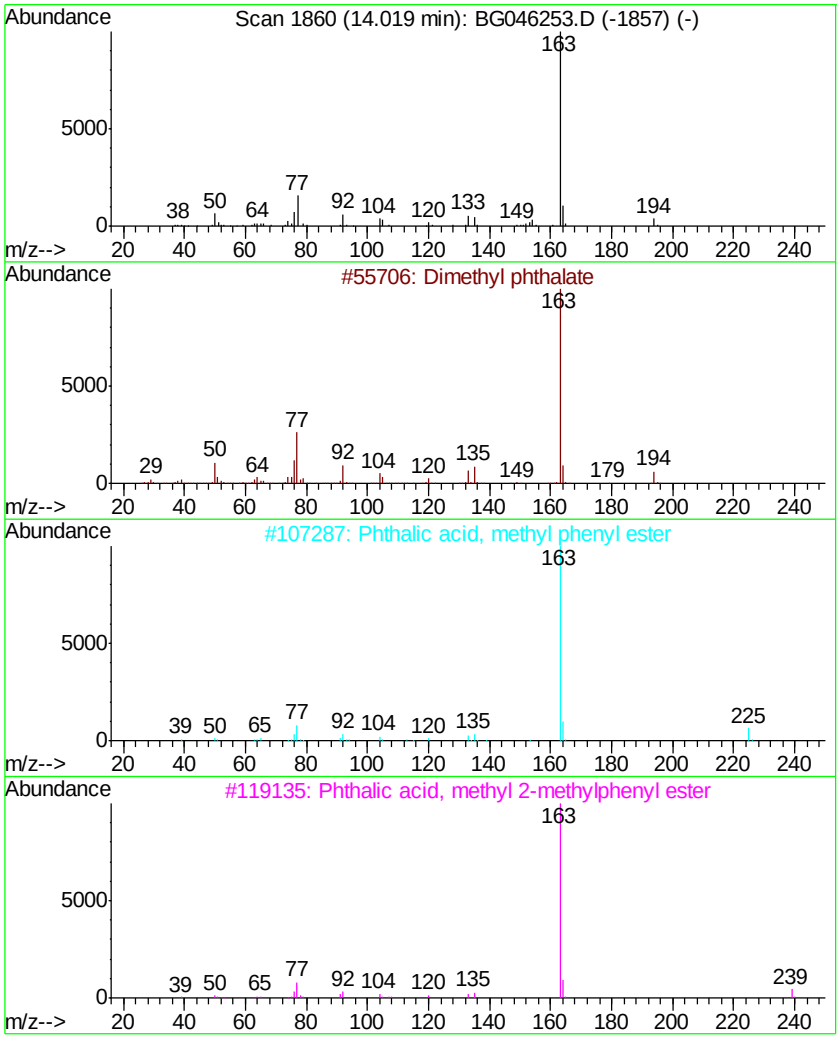
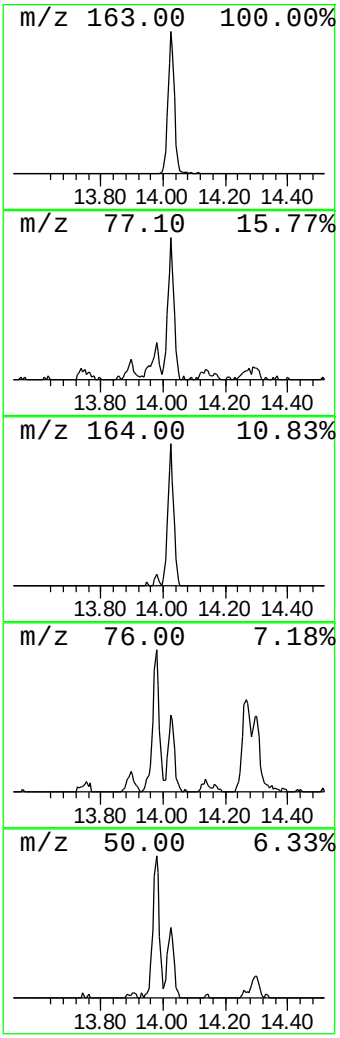
Peak Number 9 Dimethyl phthalate Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.61 ng/ul	169703	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Phthalic acid, methyl phenyl ester	256	C15H12O4	1000315-59-8	83
3	Phthalic acid, methyl 2-methylph...	270	C16H14O4	1000315-59-0	83
4	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	83
5	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	78





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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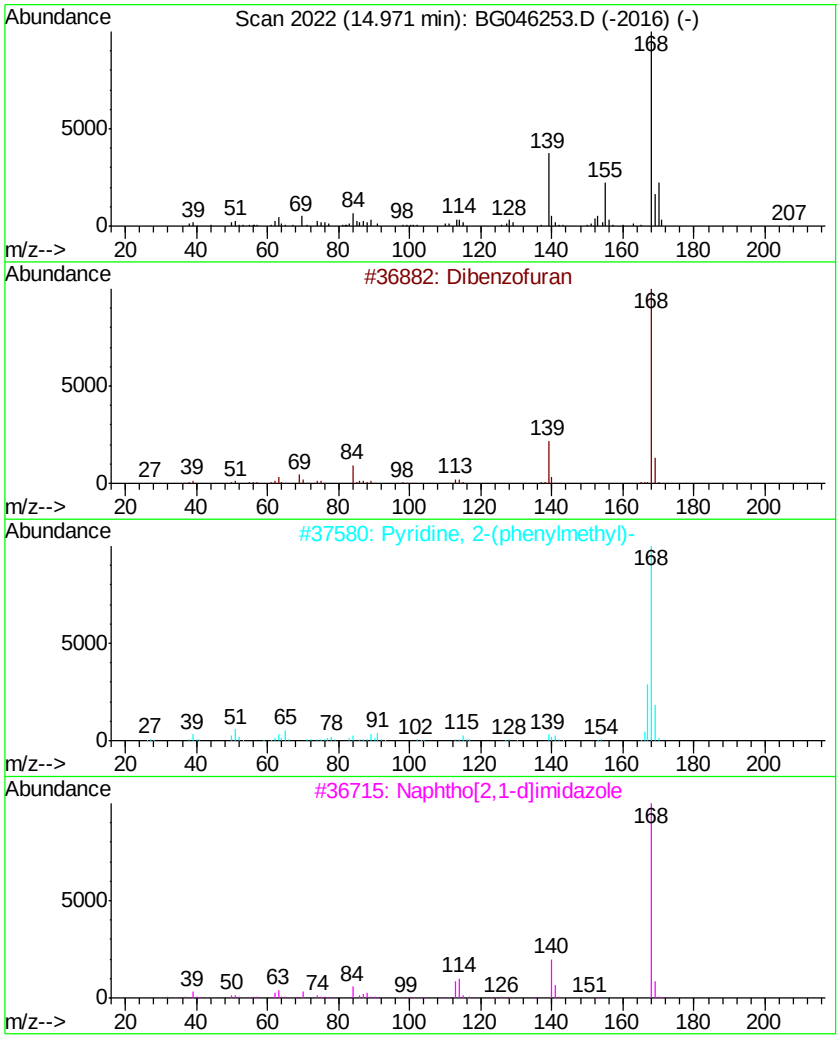
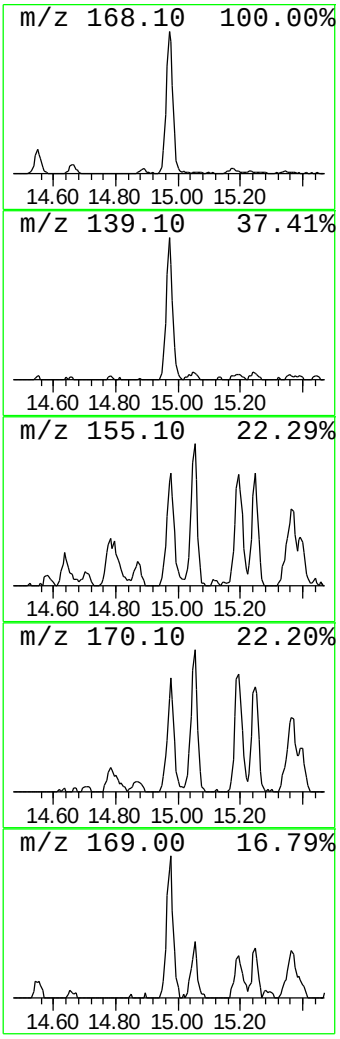
Peak Number 10 Dibenzofuran Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.31 ng/ul	149919	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	62
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	43
3	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	43
4	Benzoic acid, 4-(methylthio)-	168	C8H8O2S	013205-48-6	38
5	Tioxolone	168	C7H4O3S	004991-65-5	37





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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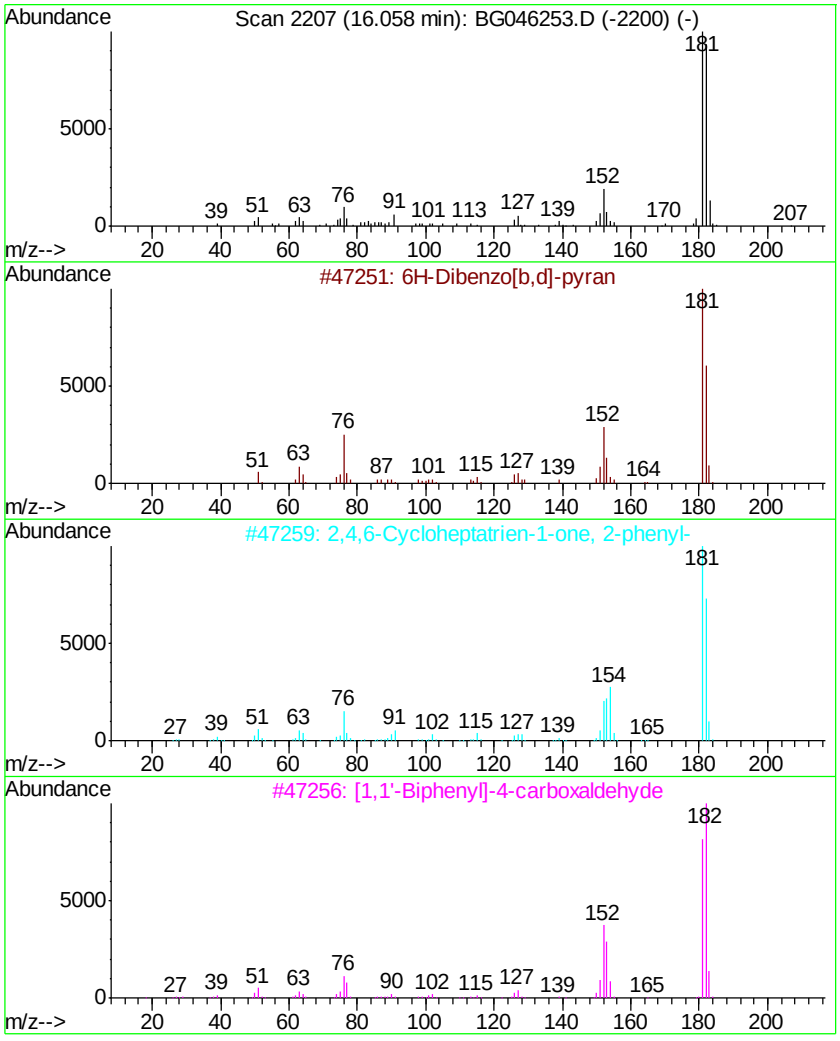
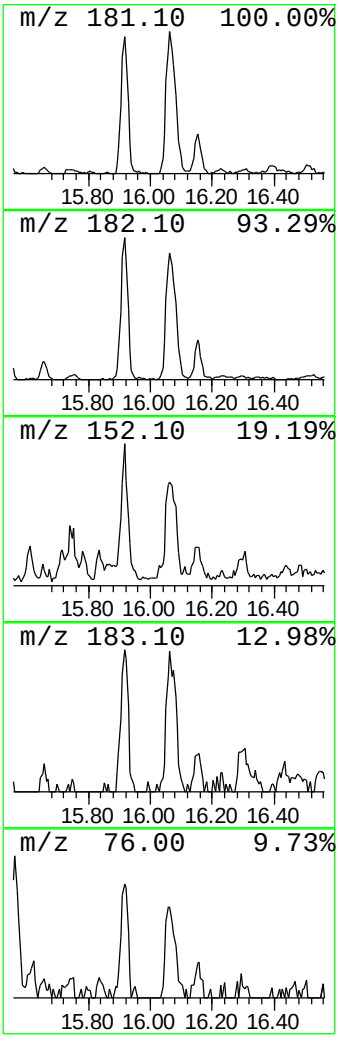
Peak Number 11 6H-Dibenzo[b,d]-pyran Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.17 ng/ul	169223	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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Quant Title : SVOA CALIBRATION

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

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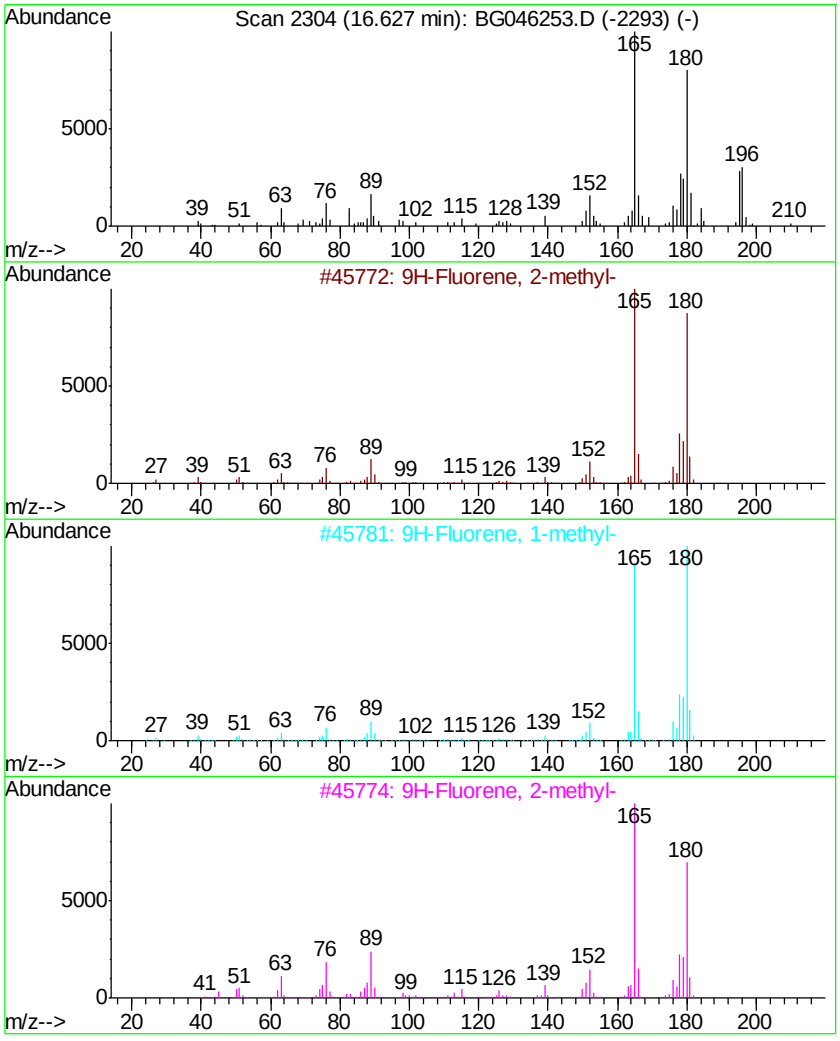
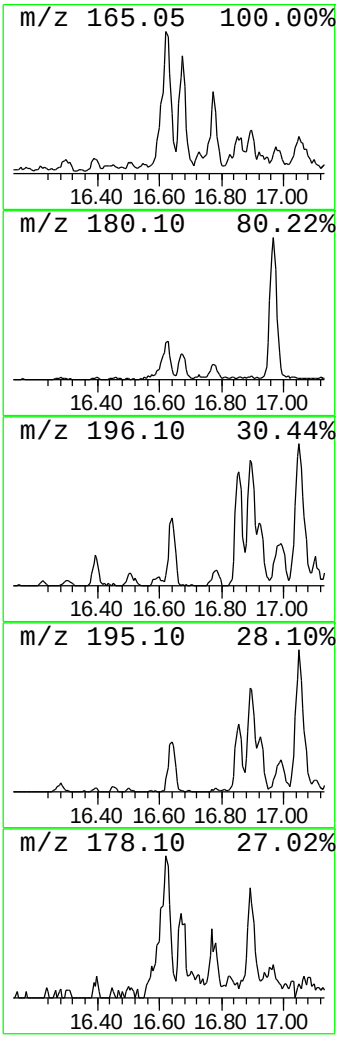
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.21 ng/ul	172661	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





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Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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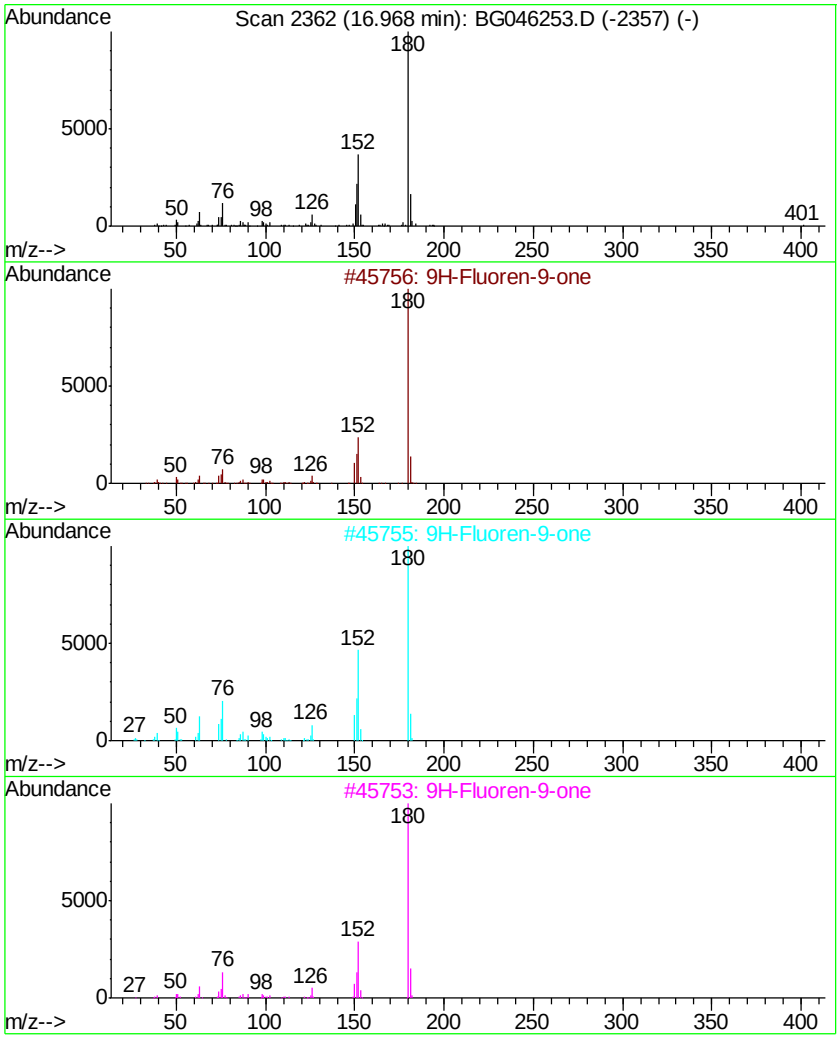
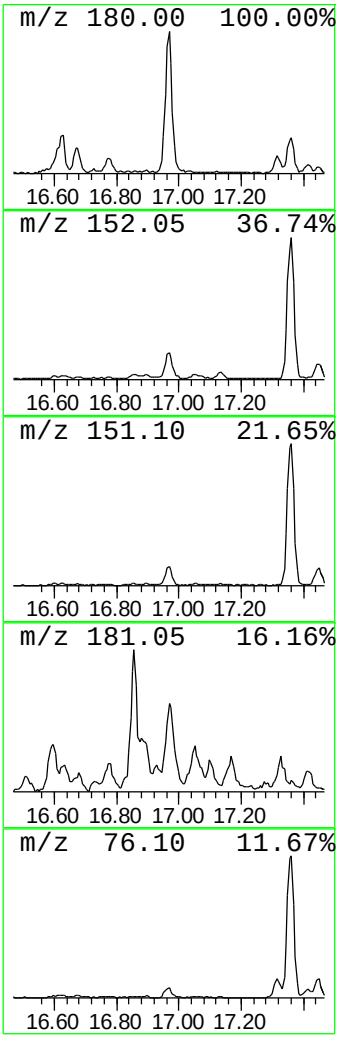
Peak Number 13 9H-Fluoren-9-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.65 ng/ul	206984	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

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Quant Title : SVOA CALIBRATION

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

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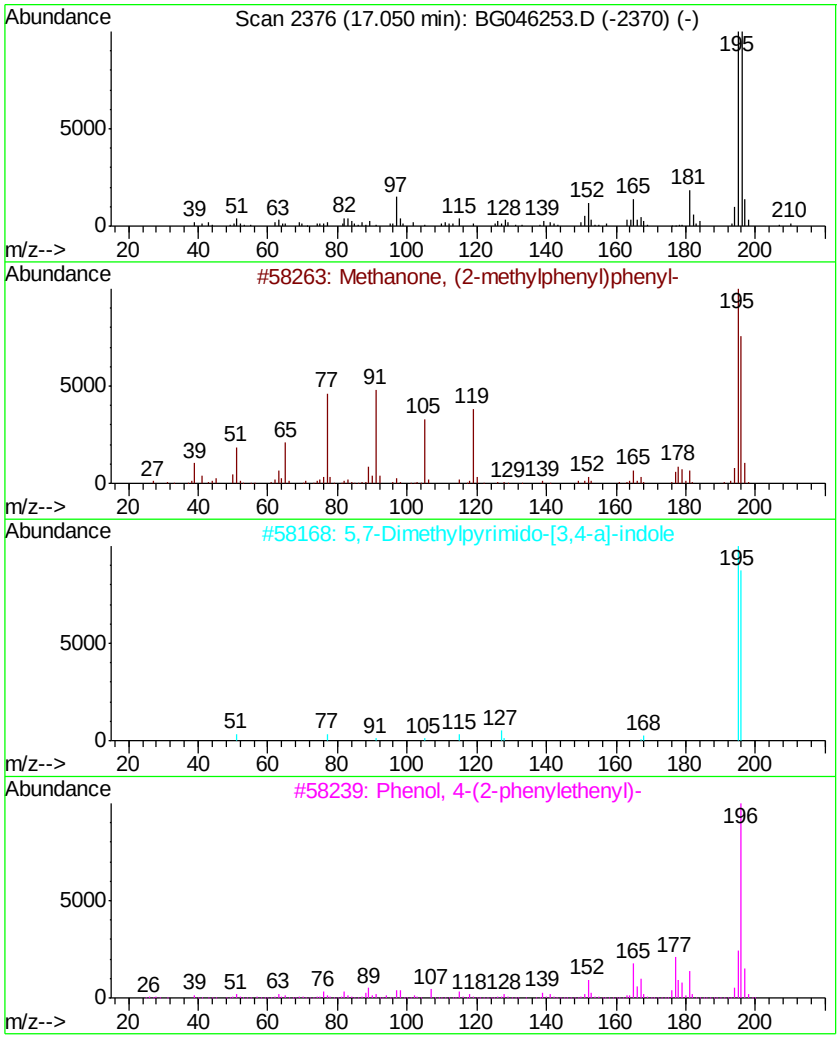
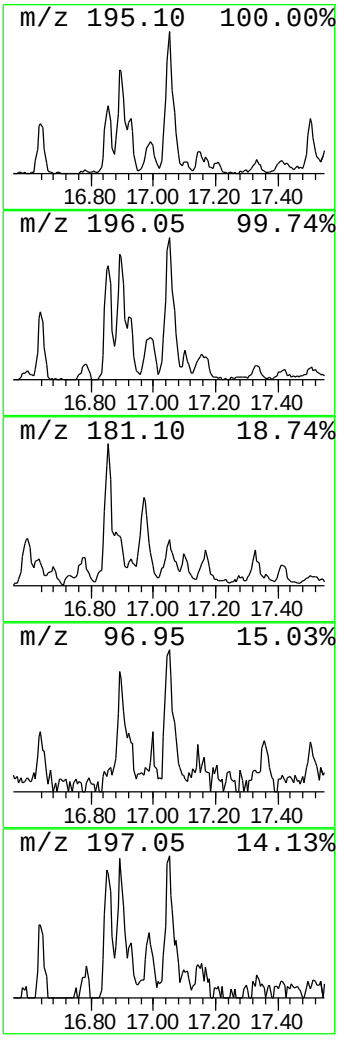
Peak Number 14 Methanone, (2-methylphenyl)... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.06 ng/ul	160906	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	72
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43





Library Search Compound Report

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Misc :
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ClientSampleId : BFM67

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Quant Title : SVOA CALIBRATION

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

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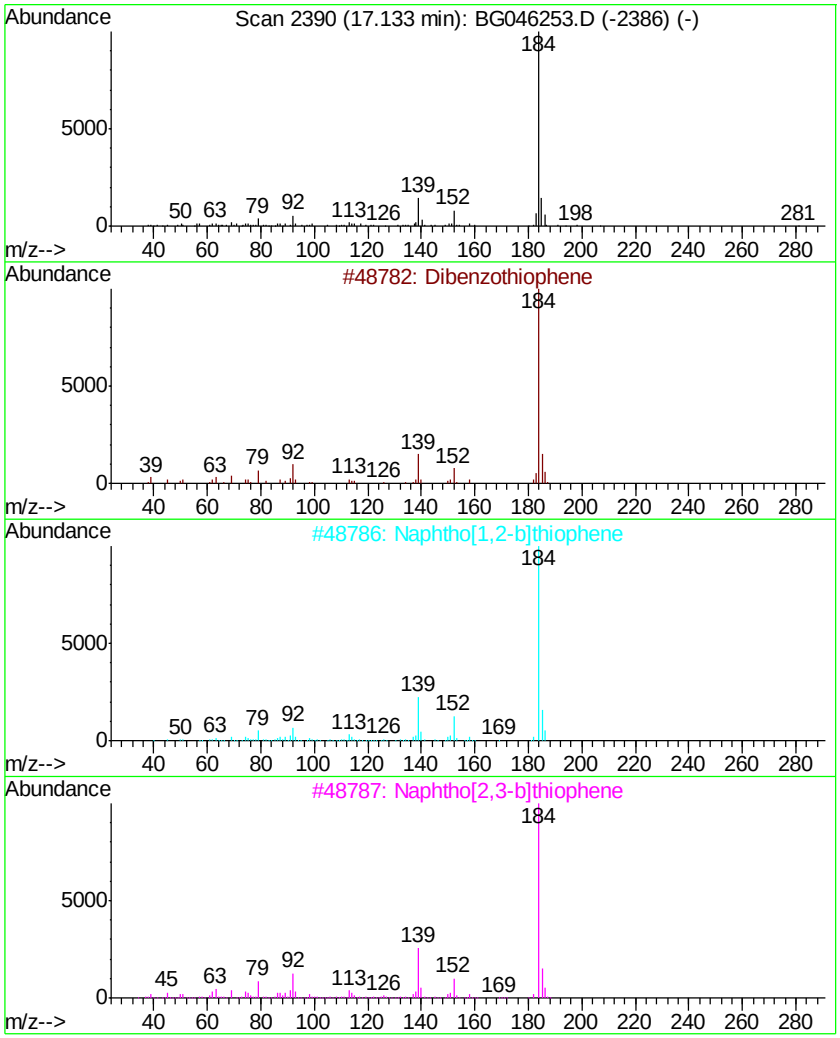
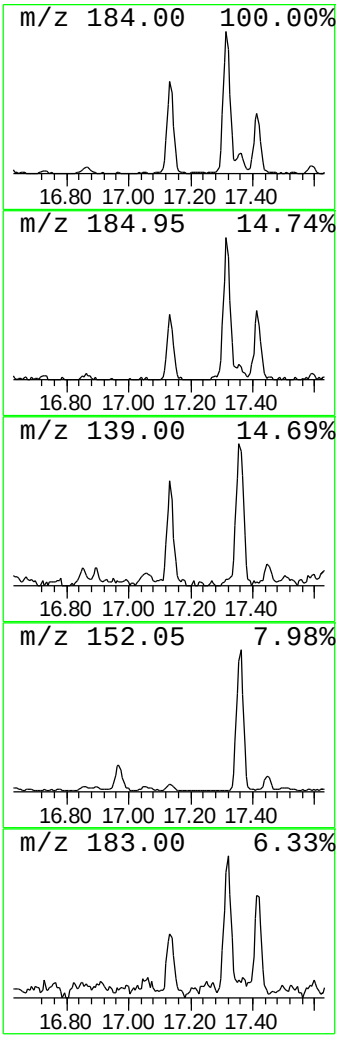
Peak Number 15 Dibenzothiophene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.17 ng/ul	169714	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Instrument : BNA_G
ClientSampleId : BFM67

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Quant Title : SVOA CALIBRATION

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

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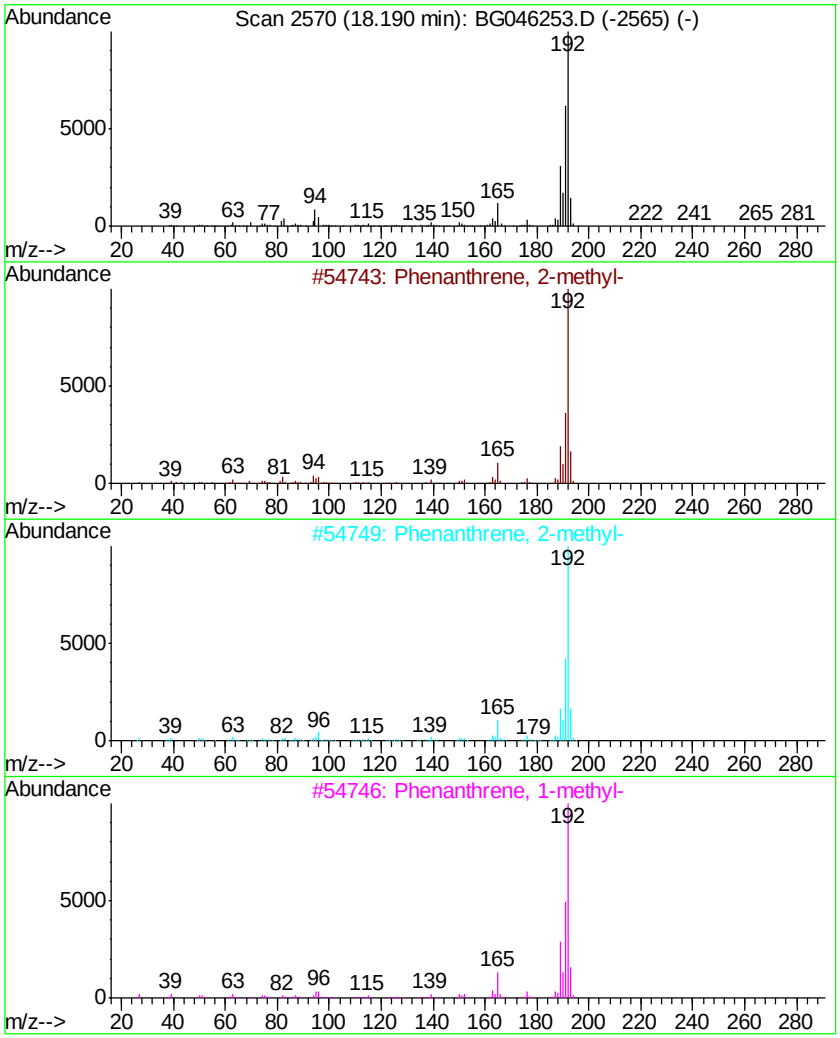
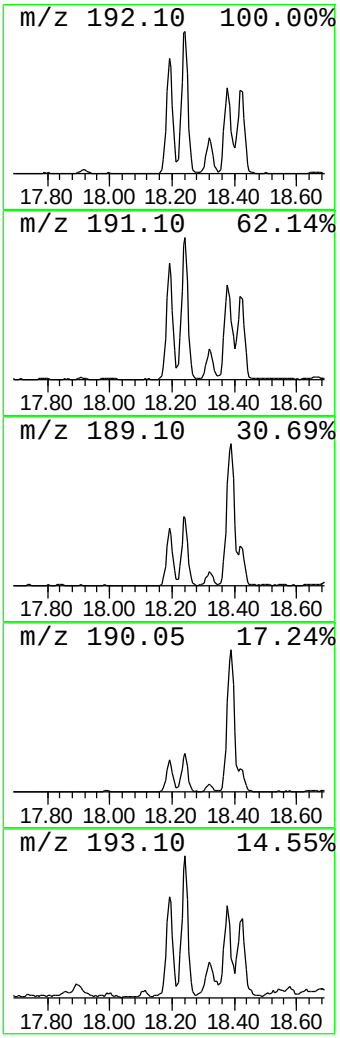
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	7.33 ng/ul	571993	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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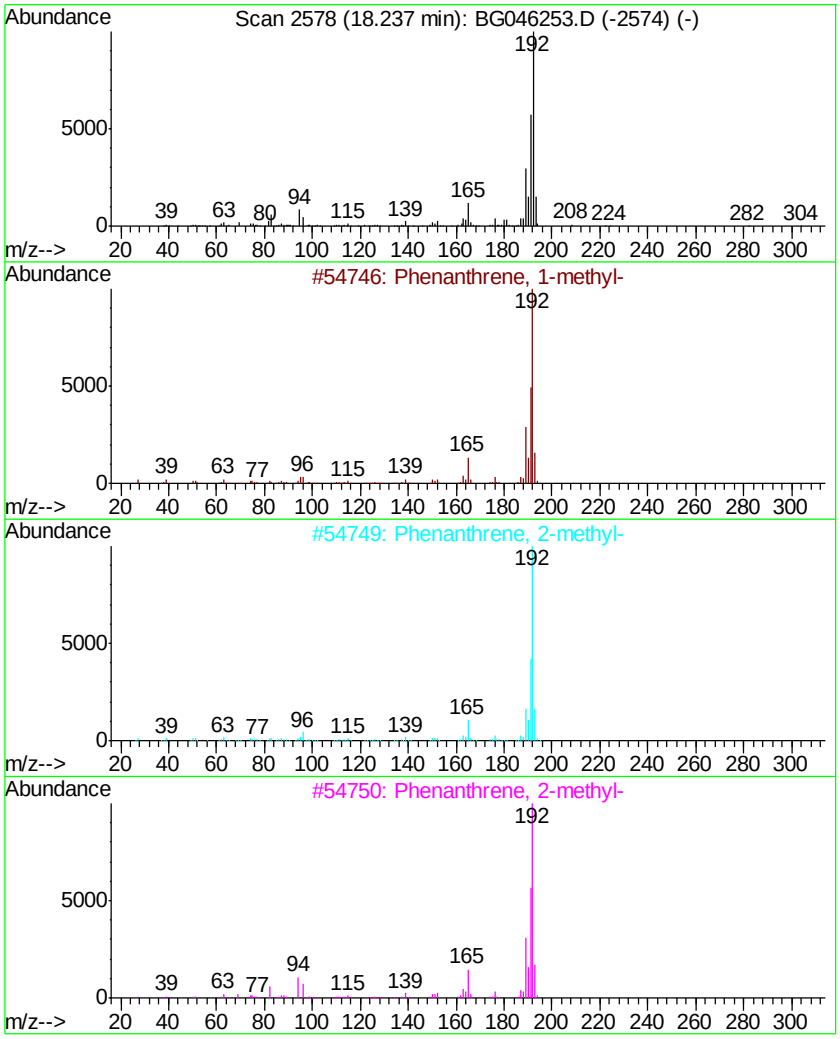
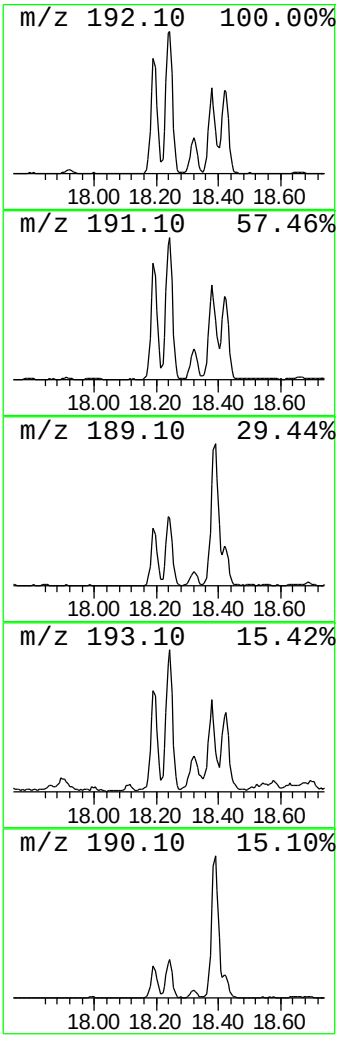
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	9.45 ng/ul	737569	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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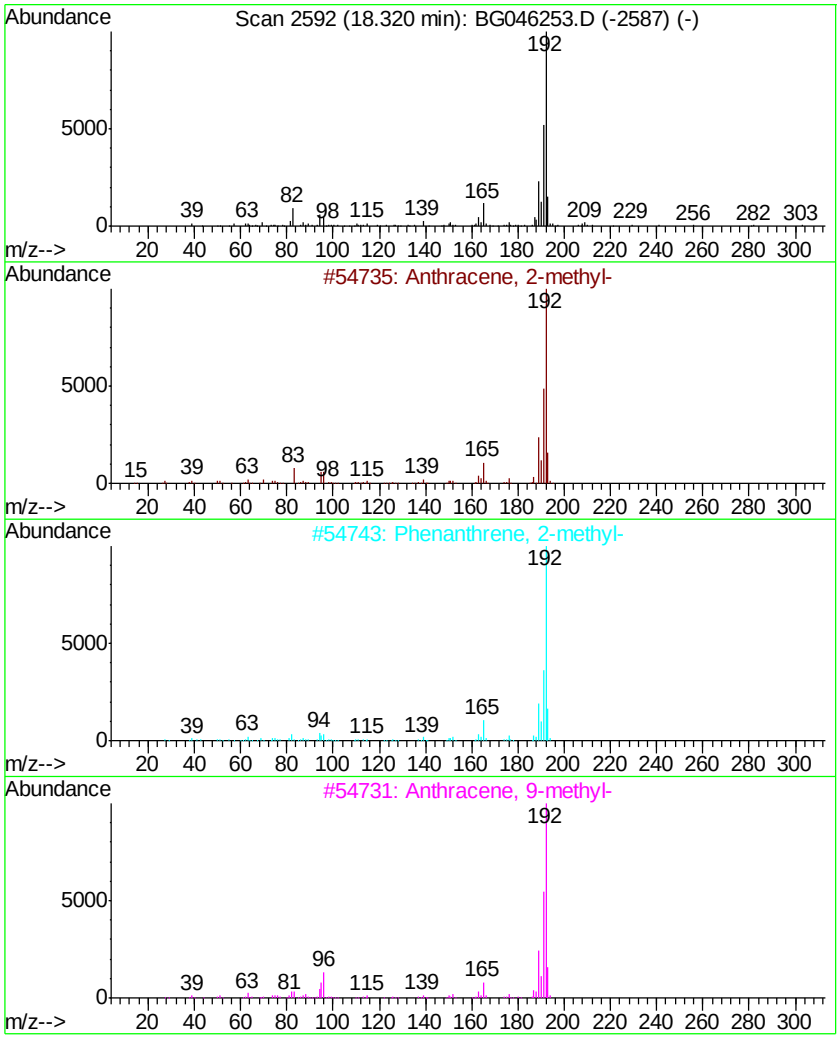
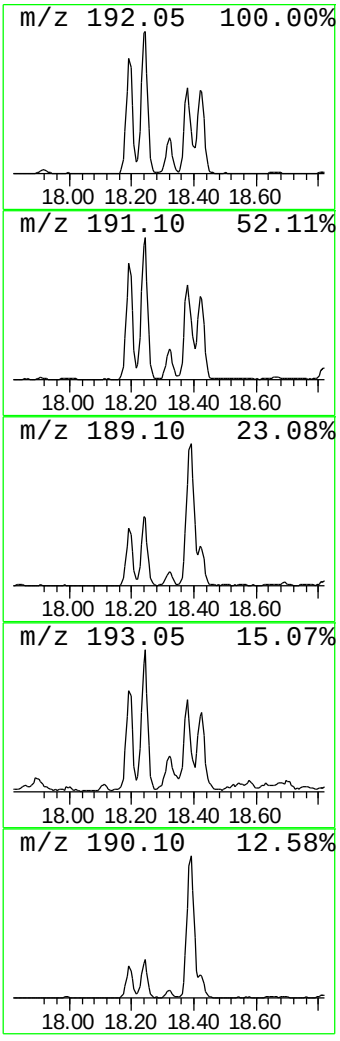
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.05 ng/ul	159929	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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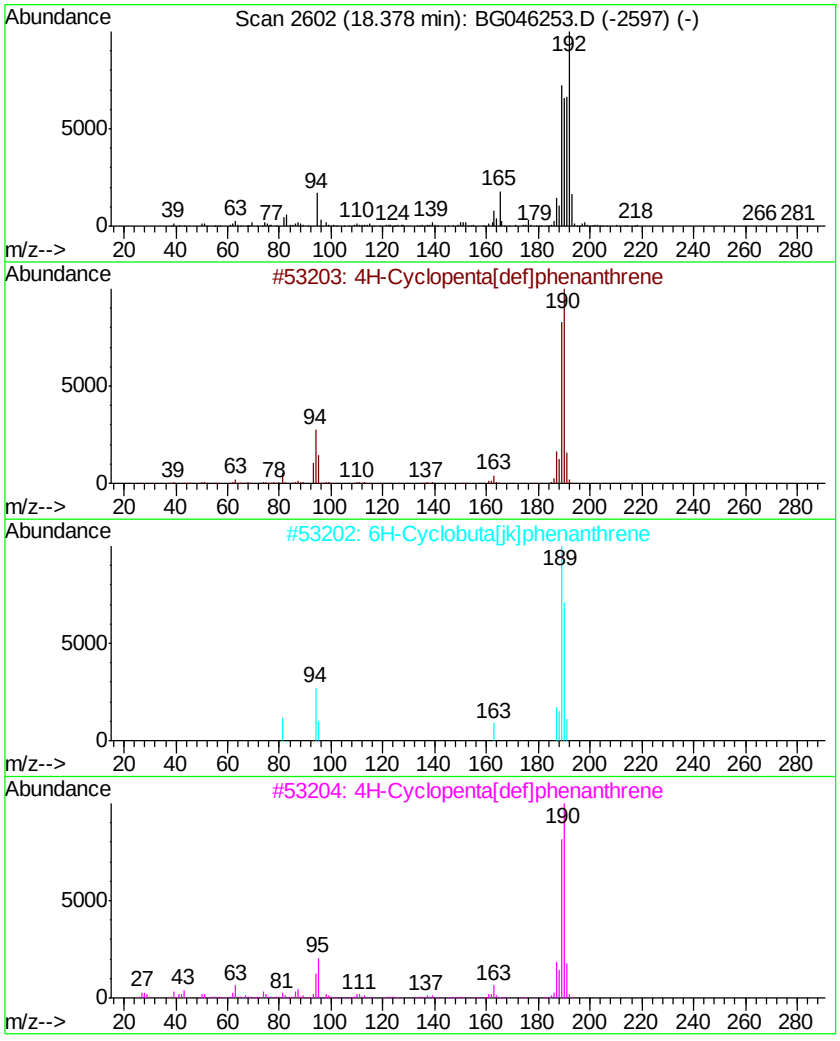
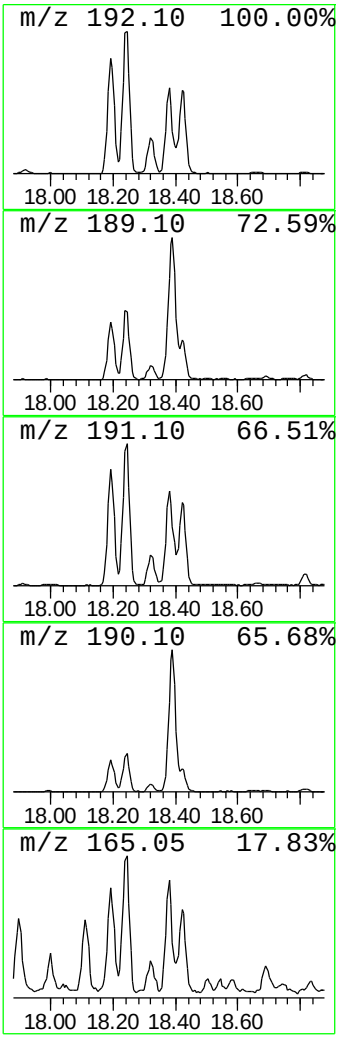
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	11.32 ng/ul	883873	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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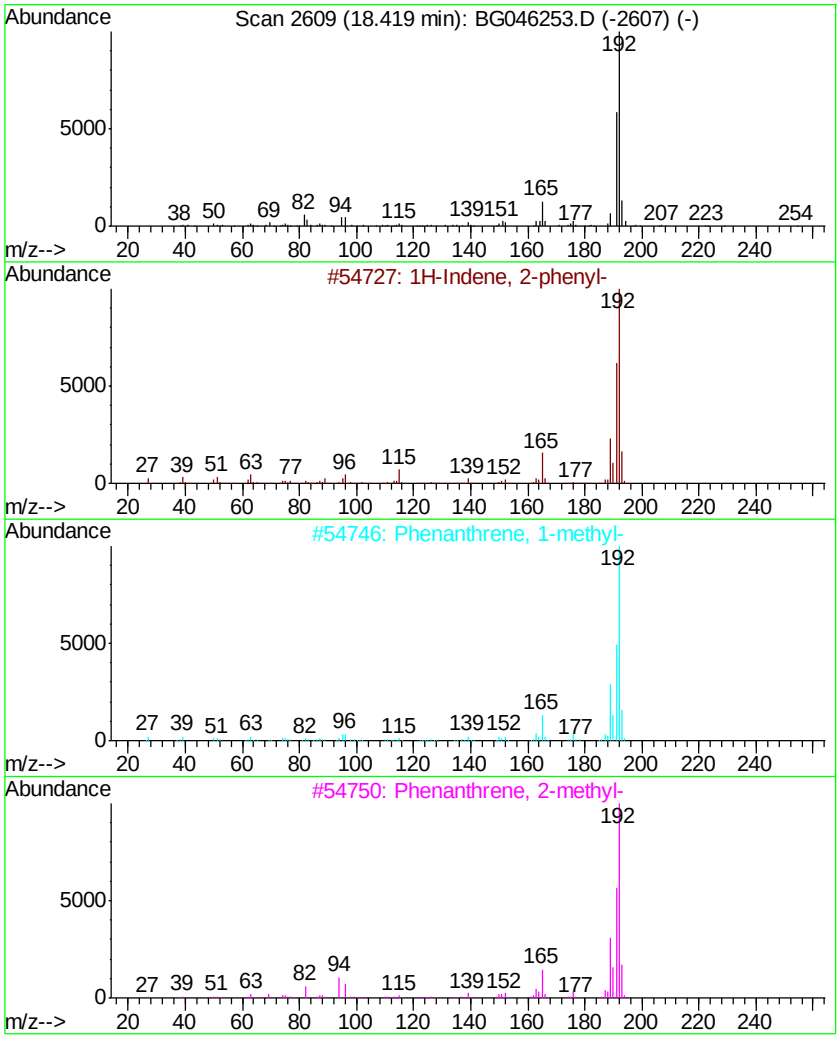
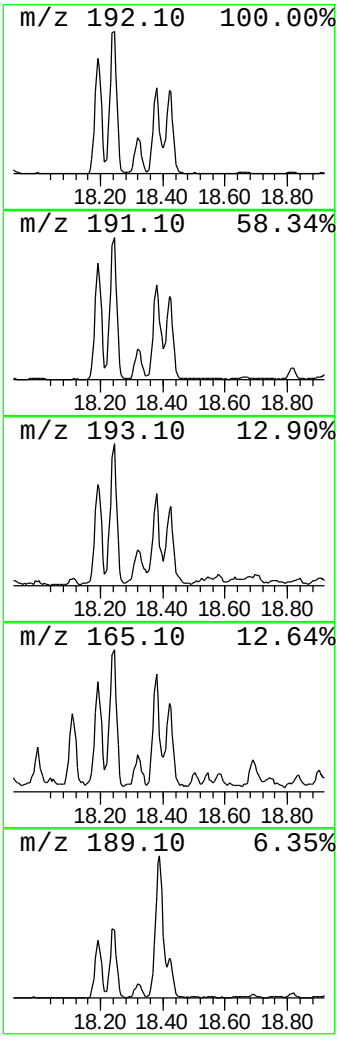
Peak Number 20 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.85 ng/ul	378592	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Library Search Compound Report

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Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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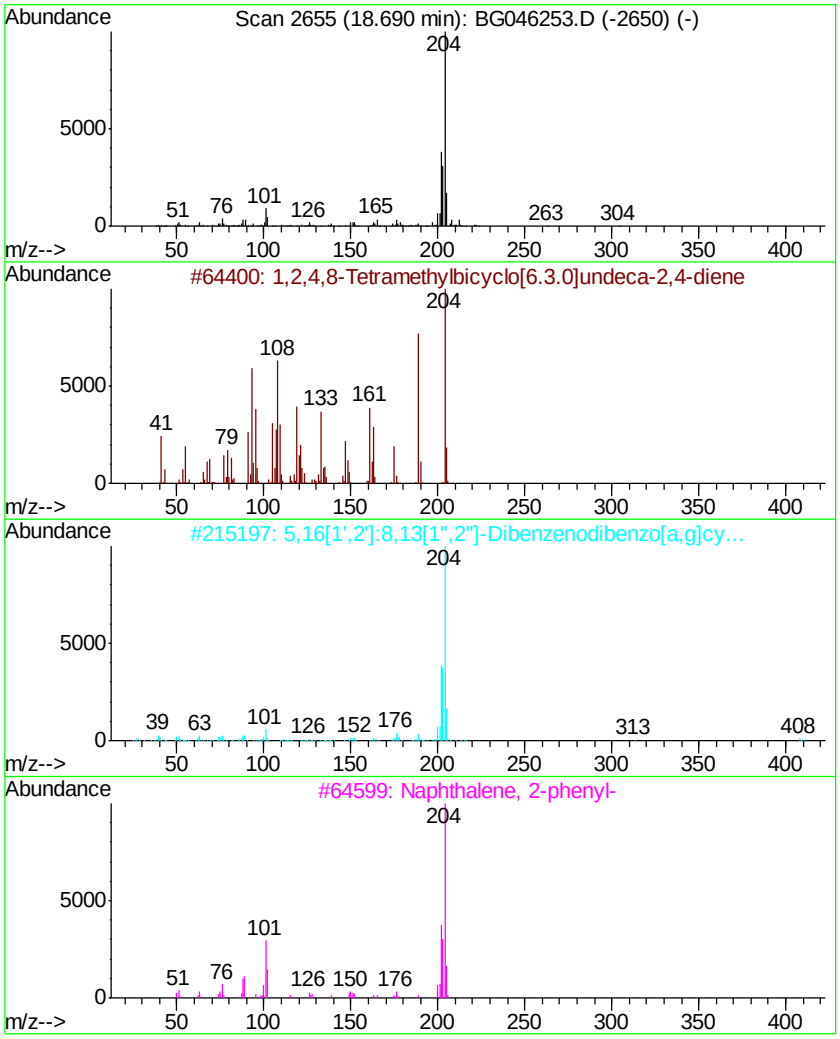
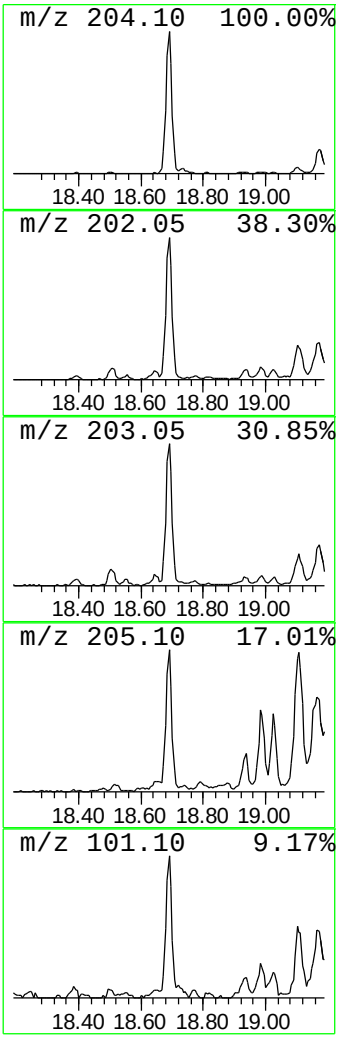
Peak Number 21 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	5.63 ng/ul	439746	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Library Search Compound Report

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Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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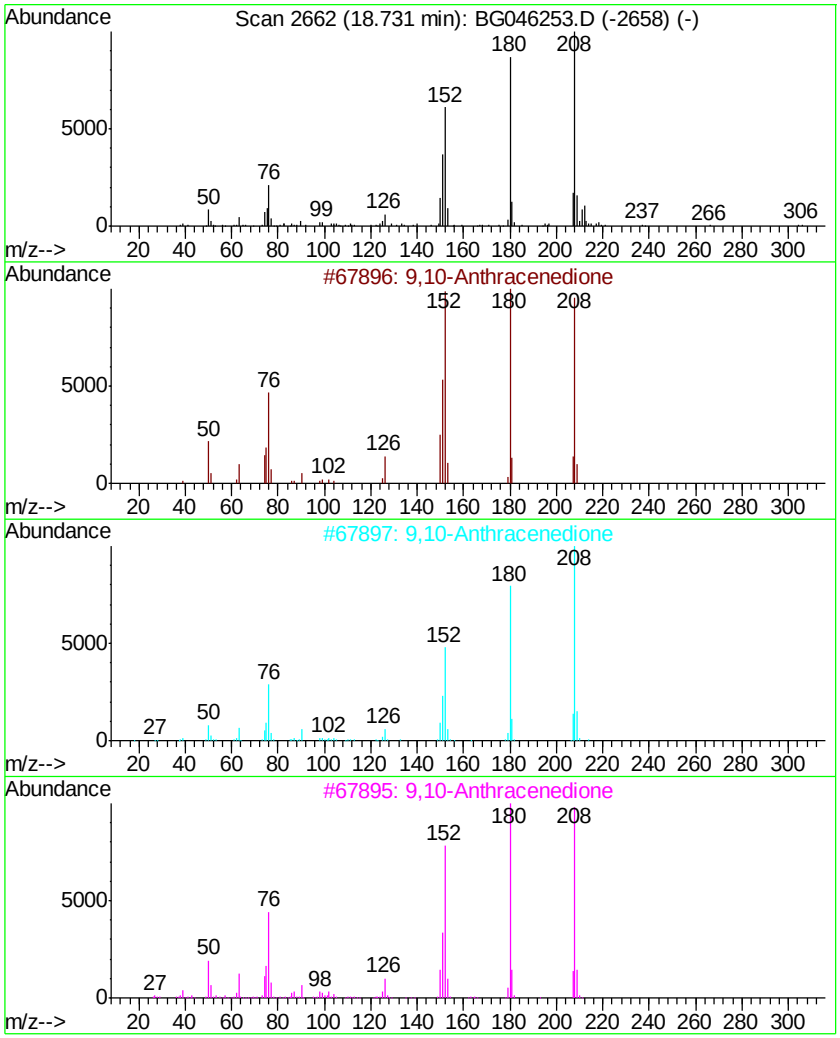
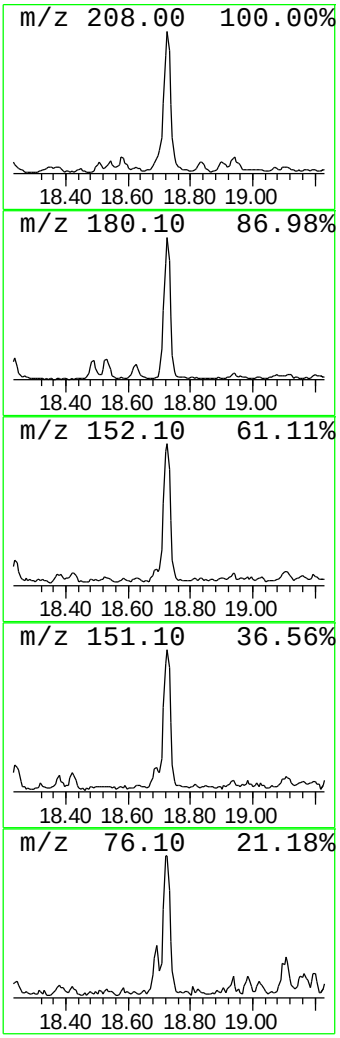
Peak Number 22 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.95 ng/ul	308714	Phenanthrene-d10	17.31

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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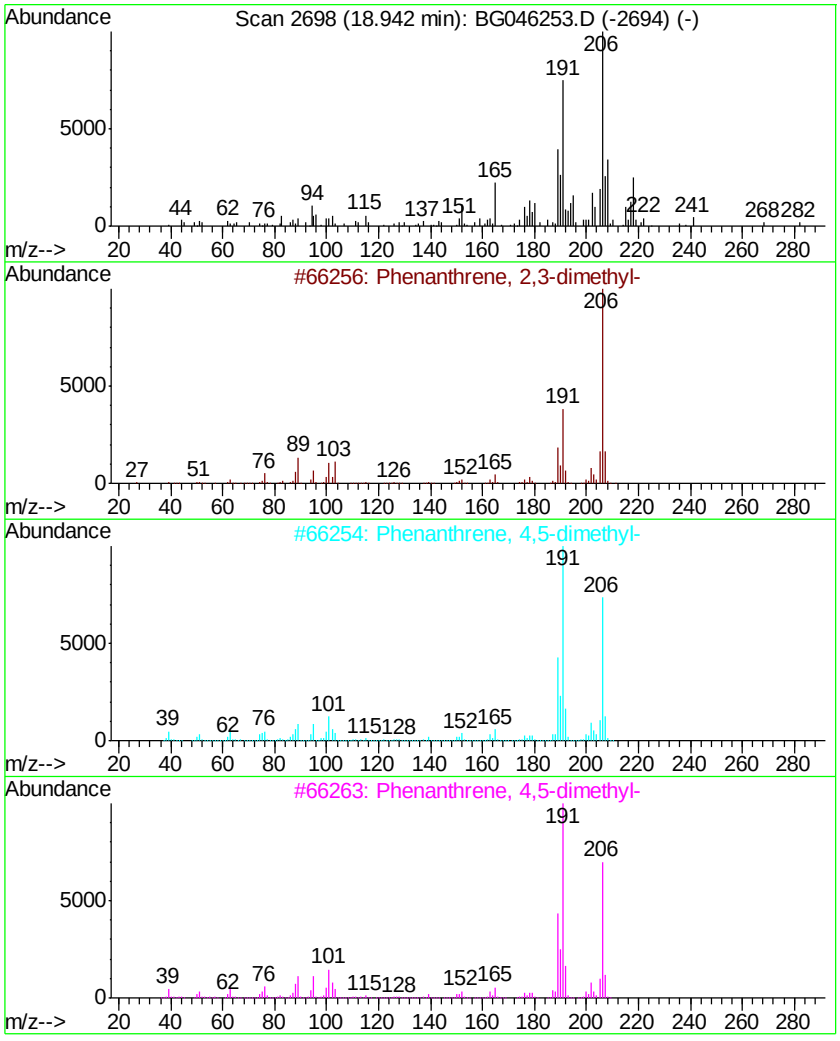
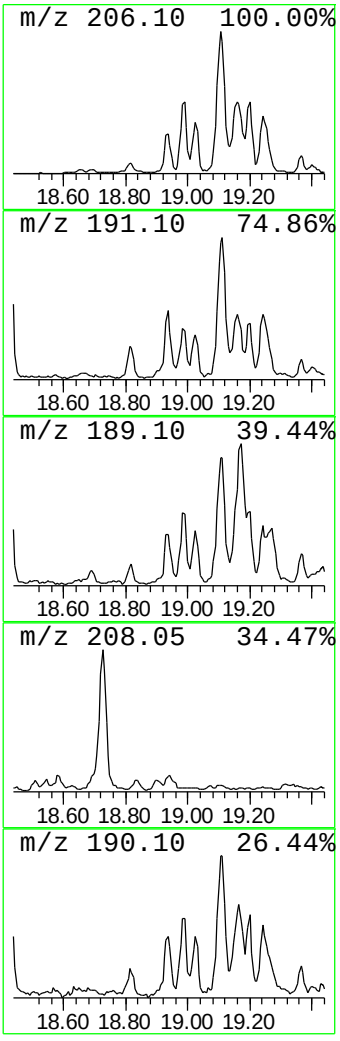
Peak Number 23 Phenanthrene, 2,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.05 ng/ul	160418	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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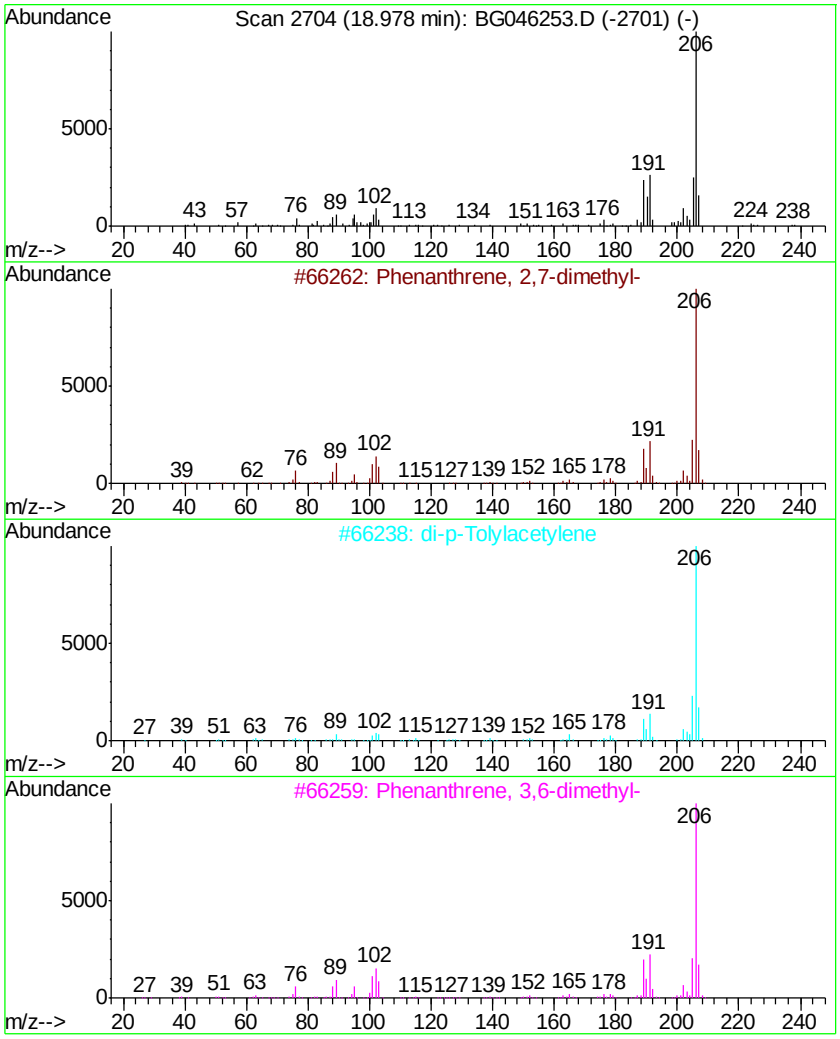
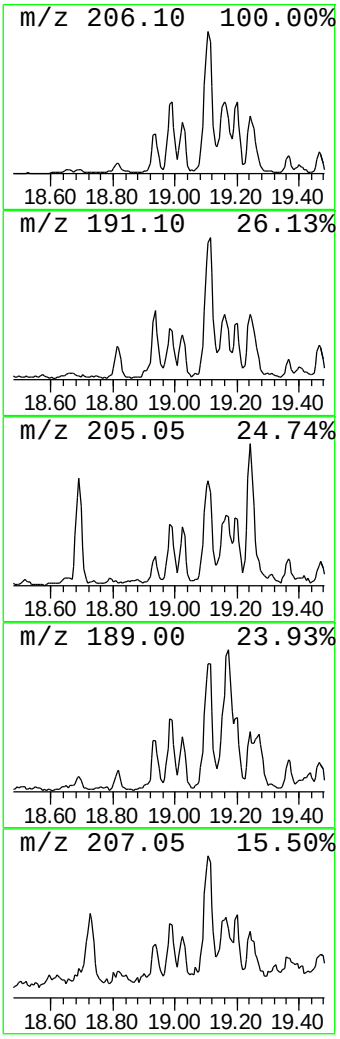
Peak Number 24 Phenanthrene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.23 ng/ul	174195	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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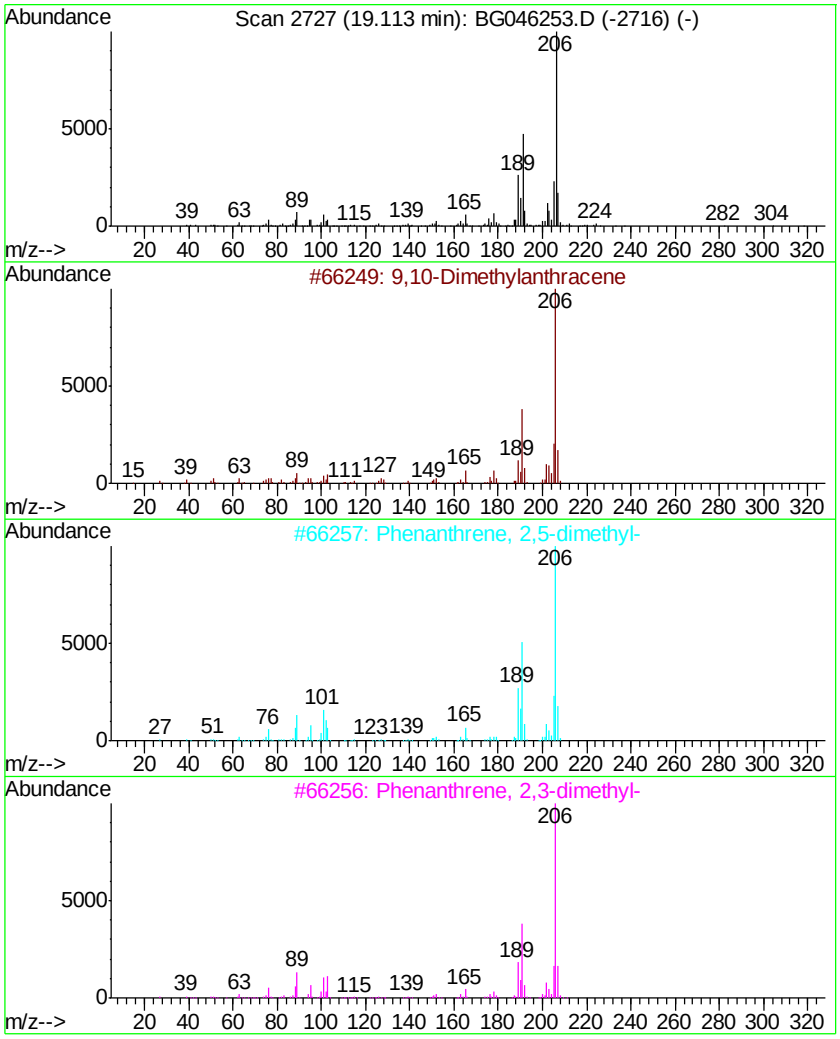
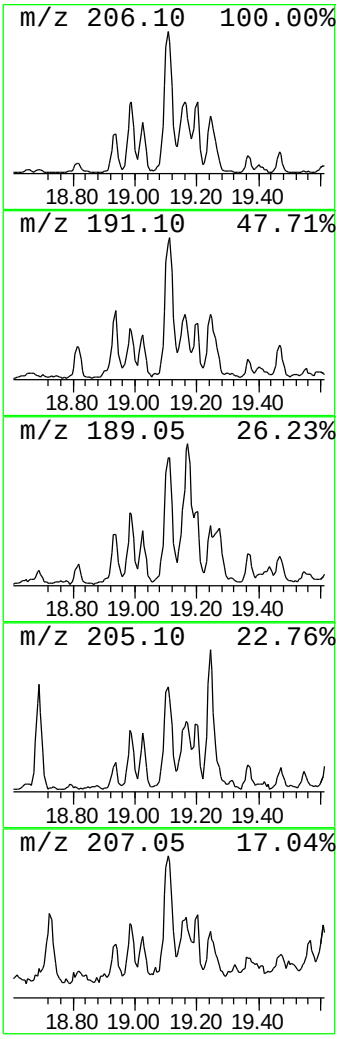
Peak Number 25 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	6.67 ng/ul	521062	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Library Search Compound Report

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Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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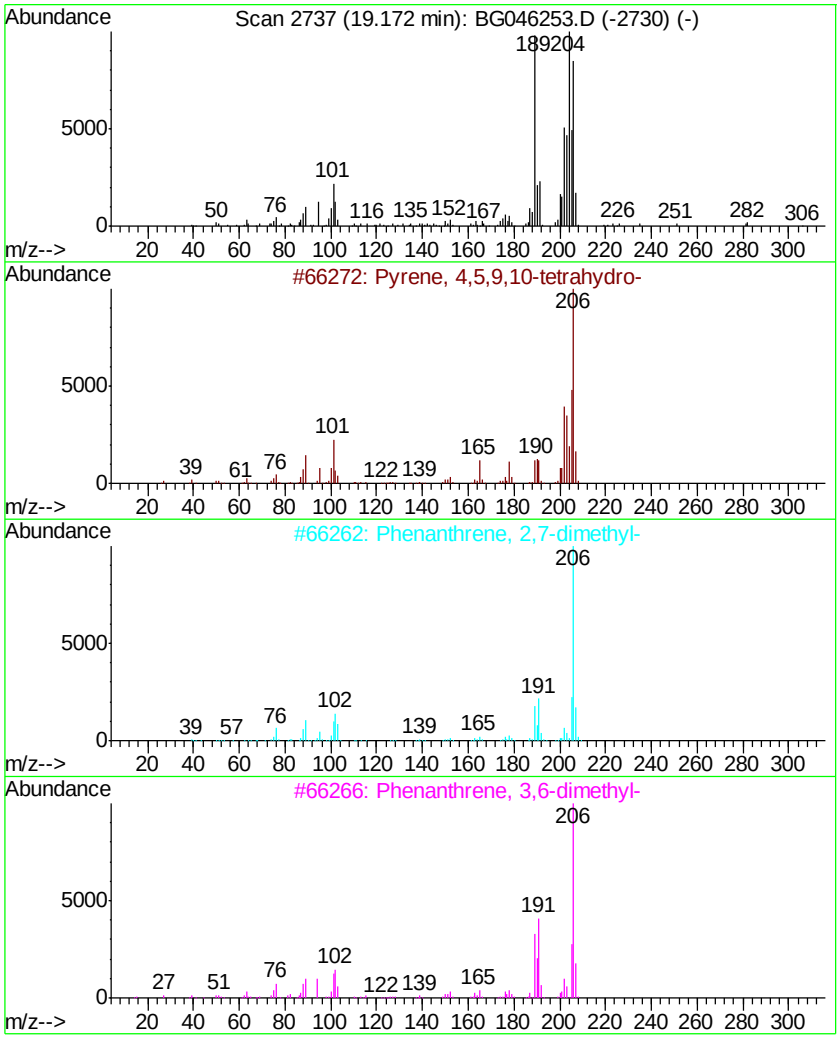
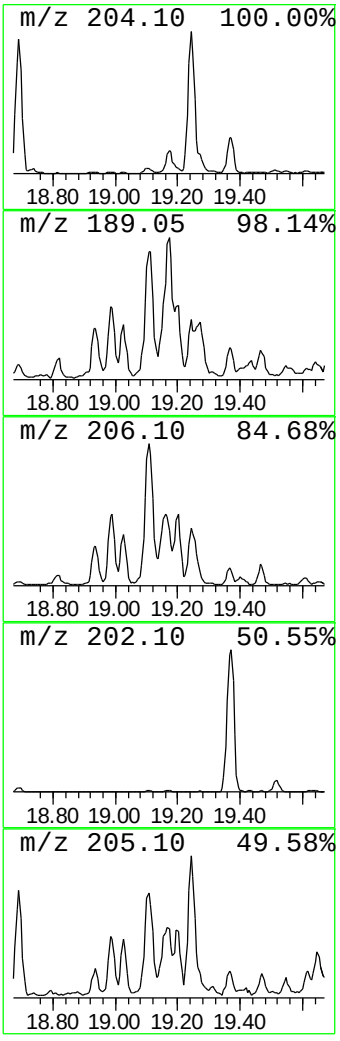
Peak Number 26 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.52 ng/ul	352765	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	47
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
5	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	43





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Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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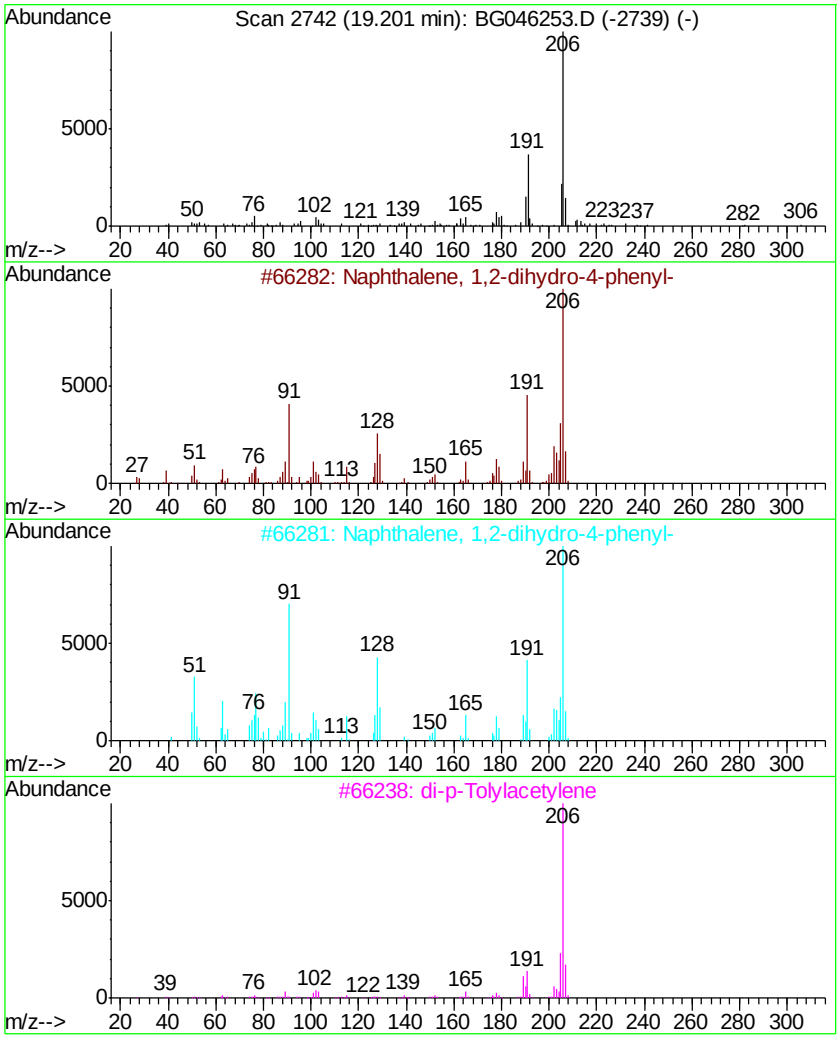
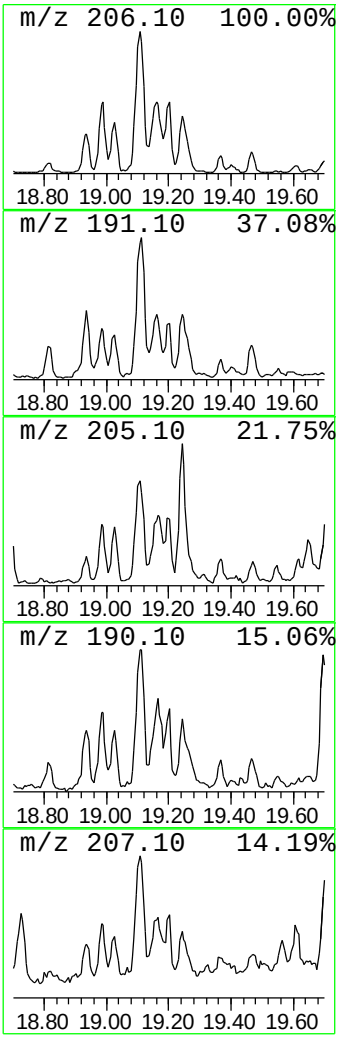
Peak Number 27 Naphthalene, 1,2-dihydro-4-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.05 ng/ul	160036	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80





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Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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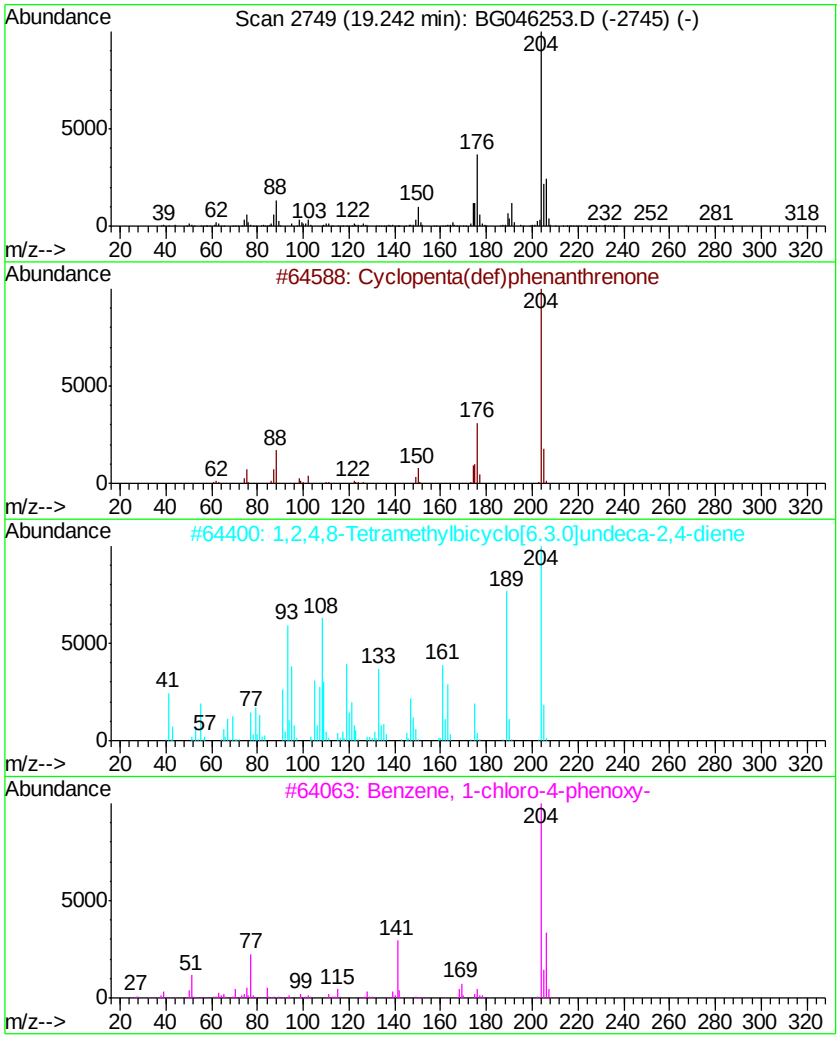
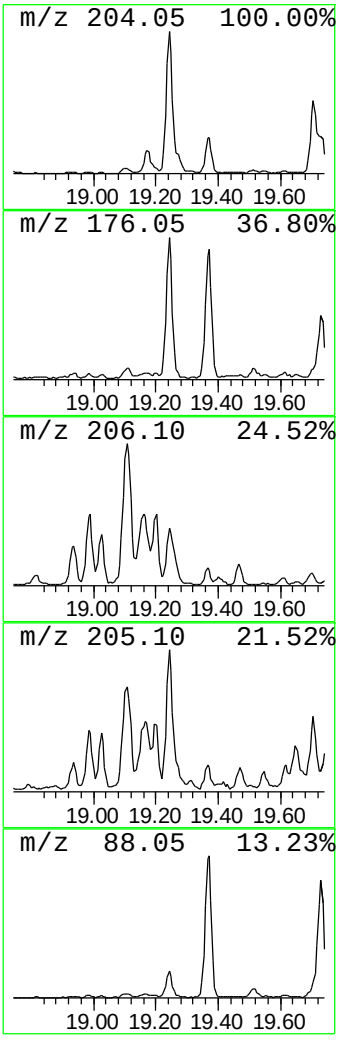
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	7.91 ng/ul	617893	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

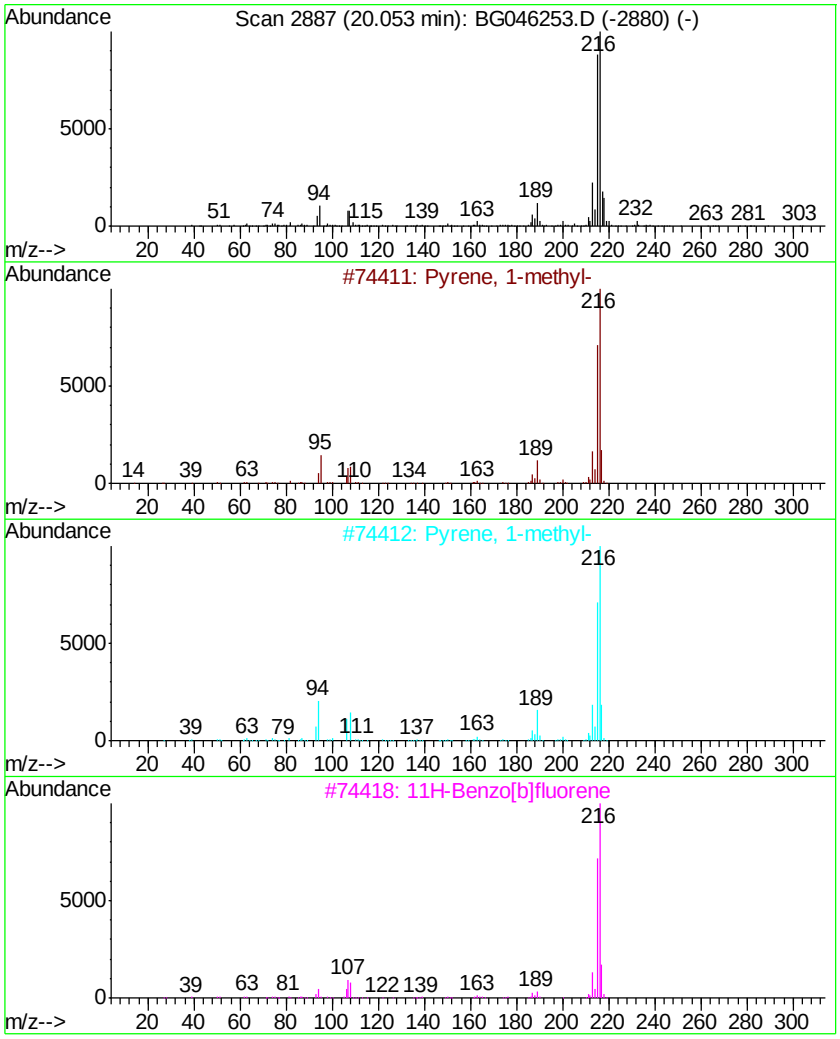
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

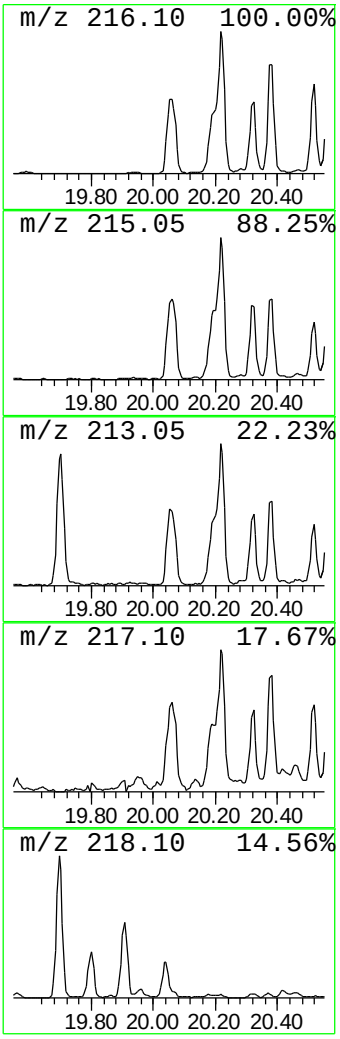
****

Peak Number 29 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.22 ng/ul	1117250	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

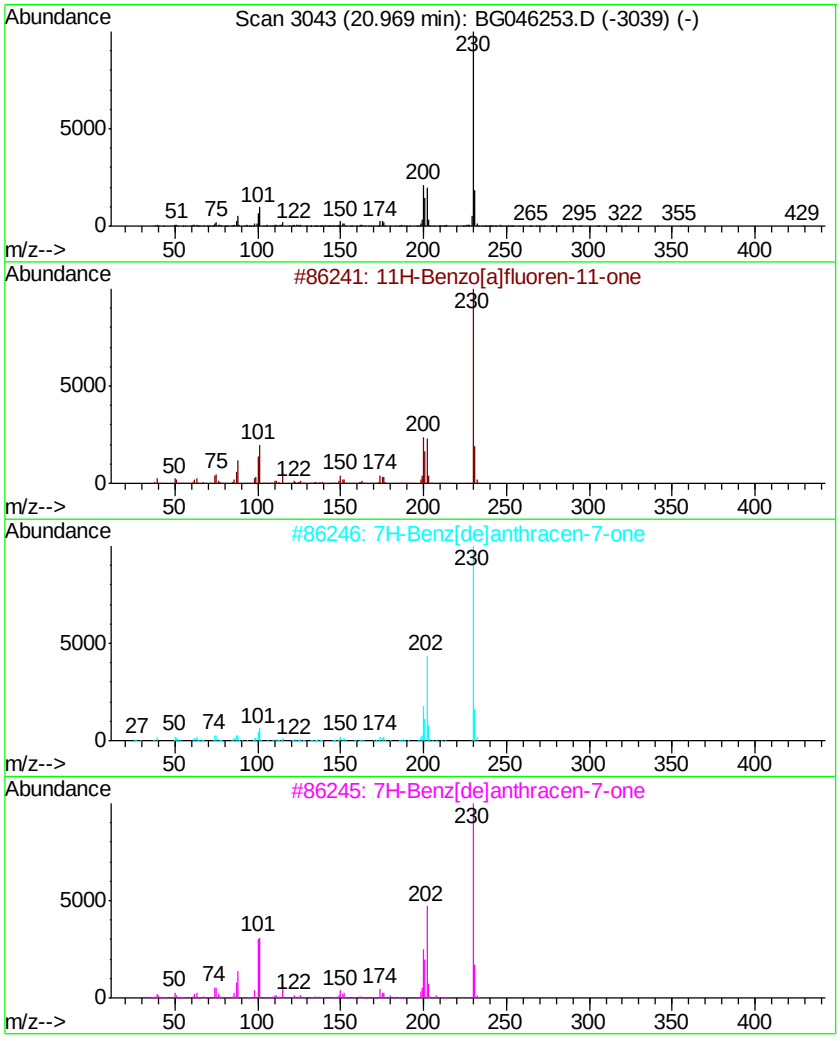
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

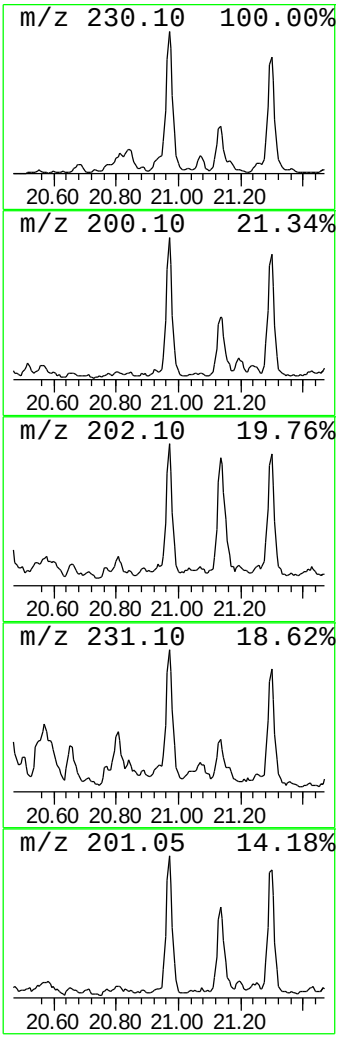
****

Peak Number 32 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.54 ng/ul	674526	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046253.D
Acq On : 13 Aug 2020 17:40
Operator : CG/JU
Sample : L3629-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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
Butane, 2-methoxy...	3.17	106.8	ng/ul	3225190	1	7.95	603878	20.0
4H-Imidazol-4-one...	7.12	5.2	ng/ul	156141	1	7.95	603878	20.0
unknown-01	7.28	5.6	ng/ul	169731	1	7.95	603878	20.0
unknown-02	7.49	5.7	ng/ul	171121	1	7.95	603878	20.0
unknown-03	8.65	5.7	ng/ul	170704	1	7.95	603878	20.0
1H-Imidazole, 4-m...	9.10	6.8	ng/ul	205557	1	7.95	603878	20.0
unknown-04	9.82	2.6	ng/ul	118237	2	10.75	923730	20.0
unknown-05	13.98	6.4	ng/ul	414393	3	14.58	1299720	20.0
Dimethyl phthalate	14.02	2.6	ng/ul	169703	3	14.58	1299720	20.0
Dibenzofuran	14.97	2.3	ng/ul	149919	3	14.58	1299720	20.0
6H-Dibenzo[b,d]-p...	16.06	2.2	ng/ul	169223	4	17.31	1561570	20.0
9H-Fluorene, 2-me...	16.63	2.2	ng/ul	172661	4	17.31	1561570	20.0
9H-Fluoren-9-one	16.97	2.6	ng/ul	206984	4	17.31	1561570	20.0
Methanone, (2-met...	17.05	2.1	ng/ul	160906	4	17.31	1561570	20.0
Dibenzothiophene	17.13	2.2	ng/ul	169714	4	17.31	1561570	20.0
Phenanthrene, 2-m...	18.19	7.3	ng/ul	571993	4	17.31	1561570	20.0
Phenanthrene, 1-m...	18.24	9.4	ng/ul	737569	4	17.31	1561570	20.0
Anthracene, 2-met...	18.32	2.0	ng/ul	159929	4	17.31	1561570	20.0
4H-Cyclopenta[def...	18.38	11.3	ng/ul	883873	4	17.31	1561570	20.0
1H-Indene, 2-phenyl-	18.42	4.8	ng/ul	378592	4	17.31	1561570	20.0
1,2,4,8-Tetrameth...	18.69	5.6	ng/ul	439746	4	17.31	1561570	20.0
9,10-Anthracenedione	18.73	4.0	ng/ul	308714	4	17.31	1561570	20.0
Phenanthrene, 2,3...	18.94	2.0	ng/ul	160418	4	17.31	1561570	20.0
Phenanthrene, 2,7...	18.98	2.2	ng/ul	174195	4	17.31	1561570	20.0
9,10-Dimethylanth...	19.11	6.7	ng/ul	521062	4	17.31	1561570	20.0
Pyrene, 4,5,9,10-...	19.17	4.5	ng/ul	352765	4	17.31	1561570	20.0
Naphthalene, 1,2-...	19.20	2.0	ng/ul	160036	4	17.31	1561570	20.0
Cyclopenta(def)ph...	19.24	7.9	ng/ul	617893	4	17.31	1561570	20.0
Pyrene, 1-methyl-	20.05	4.2	ng/ul	1117250	5	21.56	5301170	20.0
11H-Benzo[a]fluor...	20.97	2.5	ng/ul	674526	5	21.56	5301170	20.0