LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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	3.141	4	9	33	rVB	1227652	1842249	74.34%	4.349%
2	3.917	137	141	145	rBV2	11975	17276	0.70%	0.041%
3	7.107	676	684	694	rBV	209392	376691	15.20%	0.889%
4	7.266	703	711	722	rVB	156408	263985	10.65%	0.623%
5	7.471	740	746	755	rBV	212889	368332	14.86%	0.870%
6	7.941	819	826	834	rVB	224954	378030	15.25%	0.892%
7	8.646	939	946	959	rBV	266954	472172	19.05%	1.115%
8	9.093	1015	1022	1032	rBV	191447	339392	13.69%	0.801%
9	9.816	1137	1145	1157	rBV	163528	296475	11.96%	0.700%
10	10.356	1229	1237	1248	rBV	277166	513753	20.73%	1.213%
11	10.738	1294	1302	1308	rBV	336392	592630	23.91%	1.399%
12	10.785	1308	1310	1316	rVB2	15167	21416	0.86%	0.051%
13	10.867	1316	1324	1338	rBV	221046	427928	17.27%	1.010%
14	12.260	1555	1561	1565	rVV	10747	19708	0.80%	0.047%
15	12.612	1616	1621	1630	rVB	11492	19459	0.79%	0.046%
16	13.893	1833	1839	1844	rBV2	12983	21291	0.86%	0.050%
17	13.970	1844	1852	1857	rBV	535198	794313	32.05%	1.875%
18	14.017	1857	1860	1867	rVB	167014	230696	9.31%	0.545%
19	14.257	1892	1901	1917	rBV	655544	1095982	44.22%	2.587%
20	14.569	1945	1954	1961	rBV	618445	942731	38.04%	2.226%
21	14.633	1961	1965	1973	rVB2	14966	22327	0.90%	0.053%
22	14.763	1981	1987	2000	rBV	175301	326642	13.18%	0.771%
23	14.968	2016	2022	2030	rVB	34413	61062	2.46%	0.144%
24	15.186	2052	2059	2064	rBV4	8865	17969	0.73%	0.042%
25	15.362	2082	2089	2097	rVB7	6998	19734	0.80%	0.047%
26	15.556	2115	2122	2128	rBV	854265	1319829	53.26%	3.116%
27	15.609	2128	2131	2136	rVB2	31918	45929	1.85%	0.108%
28	15.673	2136	2142	2150	rBV	231036	355383	14.34%	0.839%
29	15.803	2157	2164	2167	rBV4	8707	17666	0.71%	0.042%
30	15.908	2176	2182	2190	rVB2	25848	45532	1.84%	0.107%
31	16.055	2201	2207	2215	rVB2	24557	53886	2.17%	0.127%
32	16.290	2241	2247	2251	rVV6	14717	25496	1.03%	0.060%
33	16.625	2299	2304	2309	rVV8	11641	26816	1.08%	0.063%
34	16.849	2332	2342	2345	rBV3	20193	42470	1.71%	0.100%

LSC Area Percent Report

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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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	16.890	2345	2349	2352	rVV2	16730	23637	0.95%	0.056%
36	16.960	2356	2361	2370	rVB	109893	174890	7.06%	0.413%
37	17.048	2370	2376	2380	rBV4	17956	42471	1.71%	0.100%
38	17.125	2385	2389	2394	rVB	41735	63932	2.58%	0.151%
39	17.307	2414	2420	2424	rBV	807567	1284384	51.83%	3.032%
40	17.354	2424	2428	2432	rVV	1030383	1488275	60.05%	3.514%
41	17.407	2432	2437	2448	rVB2	980650	1522411	61.43%	3.594%
42	17.501	2448	2453	2458	rVB2	23262	38044	1.54%	0.090%
43	17.624	2470	2474	2479	rVB3	16351	25334	1.02%	0.060%
44	17.706	2479	2488	2492	rBV2	80692	150842	6.09%	0.356%
45	17.830	2504	2509	2514	rVV2	29894	46592	1.88%	0.110%
46	17.888	2515	2519	2528	rVB5	34276	57286	2.31%	0.135%
47	17.994	2533	2537	2540	rVB3	13416	18301	0.74%	0.043%
48	18.029	2540	2543	2549	rVB4	9254	17121	0.69%	0.040%
49	18.106	2552	2556	2560	rBV	21746	29089	1.17%	0.069%
50	18.182	2561	2569	2573	rBV	136947	259099	10.45%	0.612%
51	18.235	2573	2578	2587	rVB	197311	347757	14.03%	0.821%
52	18.311	2587	2591	2596	rVB3	24315	35631	1.44%	0.084%
53	18.376	2596	2602	2606	rBV2	153940	285679	11.53%	0.674%
54	18.417	2606	2609	2613	rVB	101111	137821	5.56%	0.325%
55	18.500	2617	2623	2625	rBV6	18303	37061	1.50%	0.087%
56	18.682	2649	2654	2657	rBV	135637	201806	8.14%	0.476%
57	18.717	2657	2660	2667	rVB	285154	390166	15.74%	0.921%
58	18.928	2693	2696	2701	rVB3	43220	52201	2.11%	0.123%
59	18.975	2701	2704	2708	rVV	34410	48415	1.95%	0.114%
60	19.017	2708	2711	2715	rVB	33719	45189	1.82%	0.107%
61	19.099	2720	2725	2730	rBV	134748	216792	8.75%	0.512%
62	19.152	2730	2734	2738	rBV3	35519	70720	2.85%	0.167%
63	19.193	2738	2741	2744	rVB	30177	34037	1.37%	0.080%
64	19.234	2744	2748	2758	rBV	149919	251955	10.17%	0.595%
65	19.363	2764	2770	2777	rVB	1728907	2478264	100.00%	5.851%
66	19.422	2777	2780	2783	rBV	25748	37747	1.52%	0.089%
67	19.457	2783	2786	2791	rVB2	38413	52163	2.10%	0.123%
68	19.510	2791	2795	2799	rBV	55463	72554	2.93%	0.171%
69	19.557	2799	2803	2806	rBV	64298	93990	3.79%	0.222%
70	19.598	2808	2810	2814	rVB	39973	48061	1.94%	0.113%
71	19.692	2820	2826	2829	rBV2	1412022	2353003	94.95%	5.555%

LSC Area Percent Report

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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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	19.722	2829	2831	2838	rVV	1585471	1877279	75.75%	4.432%
73	19.792	2839	2843	2850	rVB2	90403	159112	6.42%	0.376%
74	19.898	2857	2861	2866	rVB	88579	127060	5.13%	0.300%
75	19.957	2867	2871	2878	rVB	84876	133174	5.37%	0.314%
76	20.051	2880	2887	2892	rBV3	121557	305351	12.32%	0.721%
77	20.180	2905	2909	2911	rBV3	83303	134731	5.44%	0.318%
78	20.209	2912	2914	2918	rVB	138835	161646	6.52%	0.382%
79	20.309	2928	2931	2935	rBV2	47129	66258	2.67%	0.156%
80	20.368	2935	2941	2946	rBV2	175970	309919	12.51%	0.732%
81	20.509	2962	2965	2969	rBV	90949	108215	4.37%	0.255%
82	20.556	2969	2973	2977	rVB3	71765	105118	4.24%	0.248%
83	20.961	3038	3042	3051	rVB	241702	357531	14.43%	0.844%
84	21.143	3066	3073	3077	rBV2	138070	345296	13.93%	0.815%
85	21.185	3077	3080	3083	rVV	149757	232098	9.37%	0.548%
86	21.220	3083	3086	3093	rVV4	433878	798103	32.20%	1.884%
87	21.290	3094	3098	3105	rVB	202055	348215	14.05%	0.822%
88	21.549	3135	3142	3147	rBV3	1040131	2406311	97.10%	5.681%
89	21.602	3147	3151	3163	rVB	746386	1276442	51.51%	3.013%
90	21.766	3173	3179	3182	rBV6	99854	214847	8.67%	0.507%
91	21.943	3206	3209	3216	rBV3	71106	136952	5.53%	0.323%
92	22.342	3271	3277	3286	rBV5	147578	468053	18.89%	1.105%
93	23.682	3496	3505	3512	rBV2	550897	1812416	73.13%	4.279%
94	23.799	3523	3525	3530	rVB2	66111	102928	4.15%	0.243%
95	24.375	3616	3623	3628	rBV	291136	712306	28.74%	1.682%
96	24.445	3628	3635	3641	rVV	629940	1572605	63.46%	3.713%
97	24.510	3642	3646	3660	rVB	417823	1025874	41.39%	2.422%
98	24.657	3662	3671	3678	rBV2	514774	1441059	58.15%	3.402%
99	28.165	4260	4268	4290	rVB3	219955	1019427	41.13%	2.407%
100	29.252	4444	4453	4467	rVB2	153248	651172	26.28%	1.537%

Sum of corrected areas: 42357468

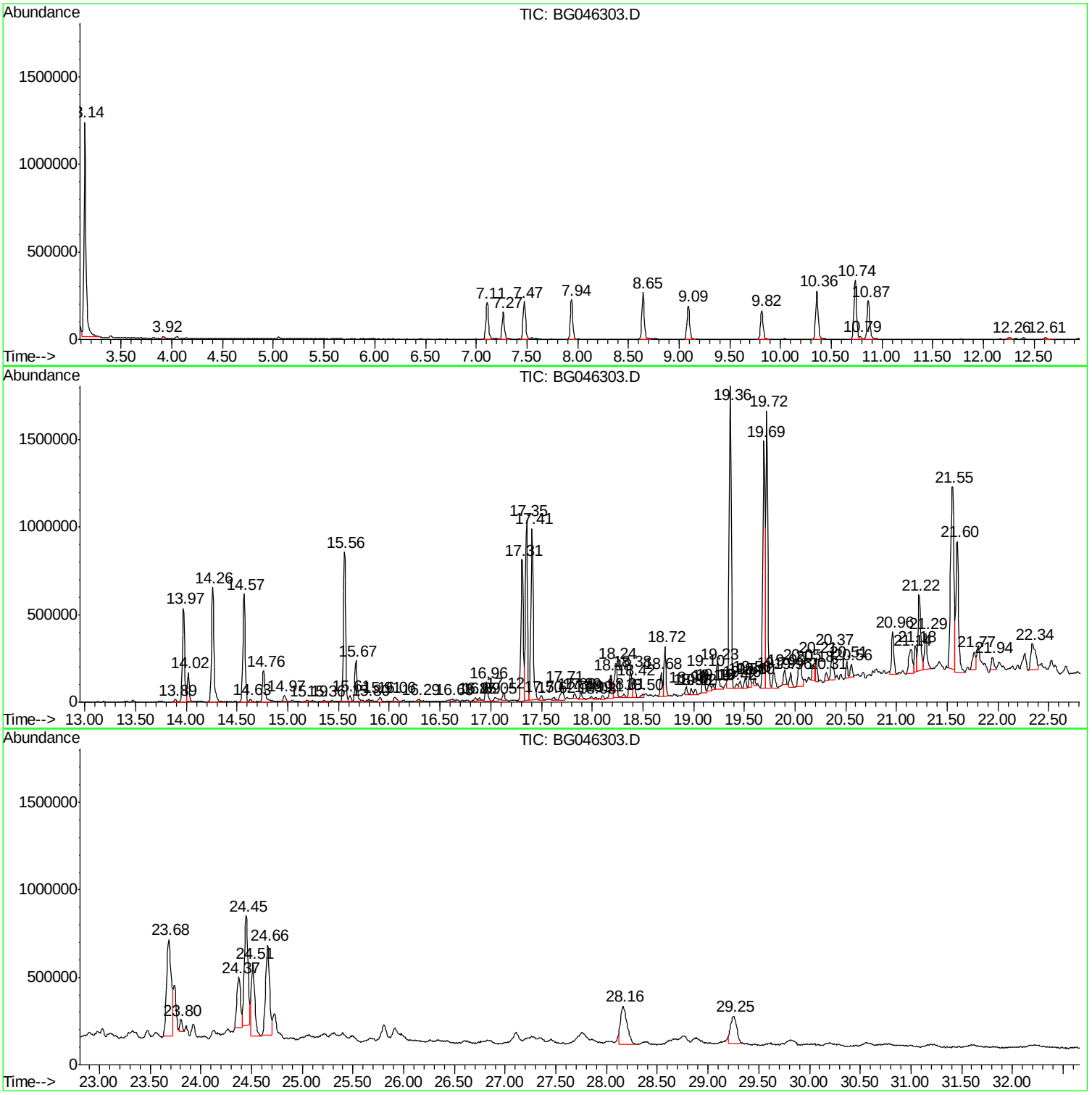
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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

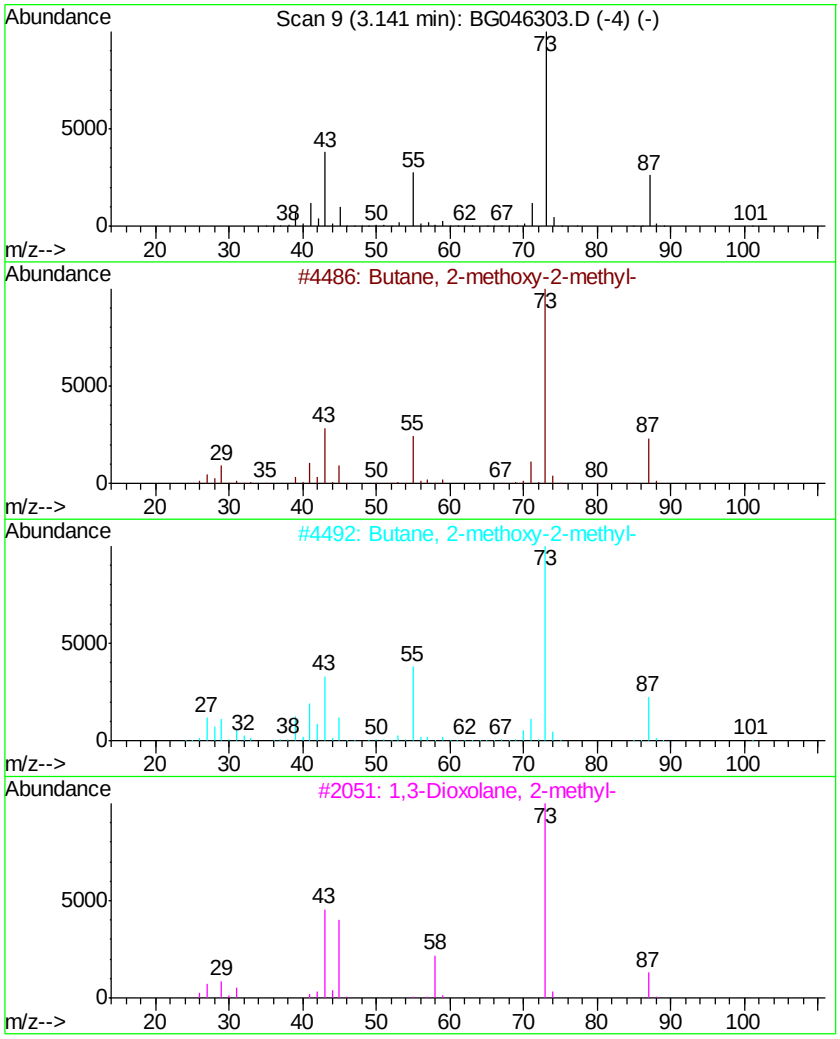
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

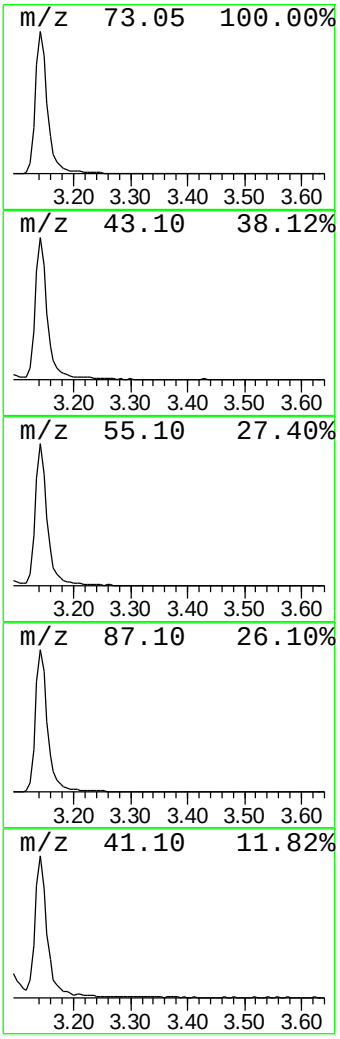
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	97.47 ng/ul	1842250	1,4-Dichlorobenzene-d4	7.94

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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

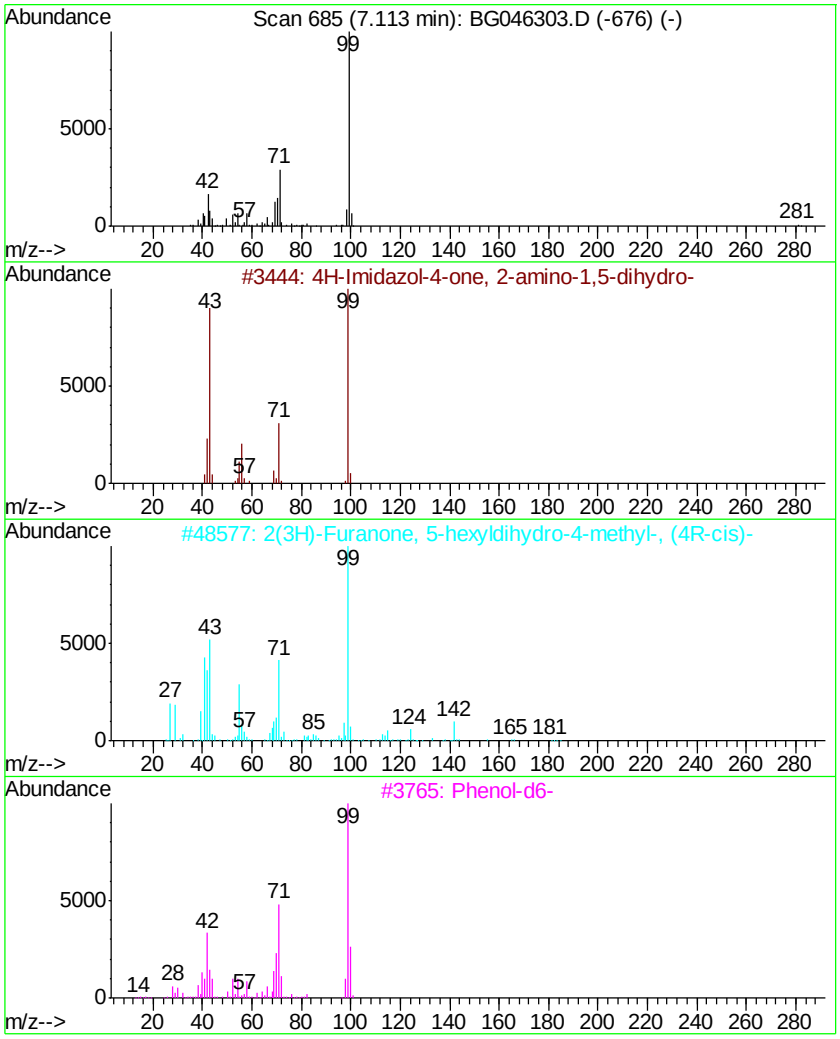
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

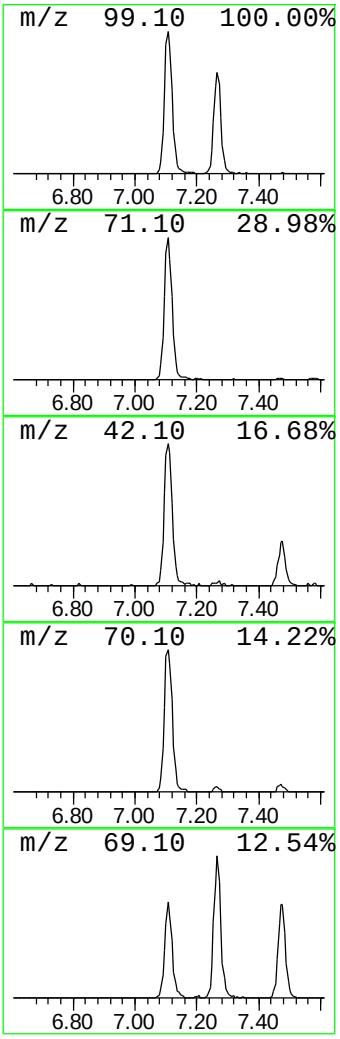
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	19.93 ng/ul	376691	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	72
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
3	Phenol-d6-	100	C6D6O	013127-88-3	64
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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

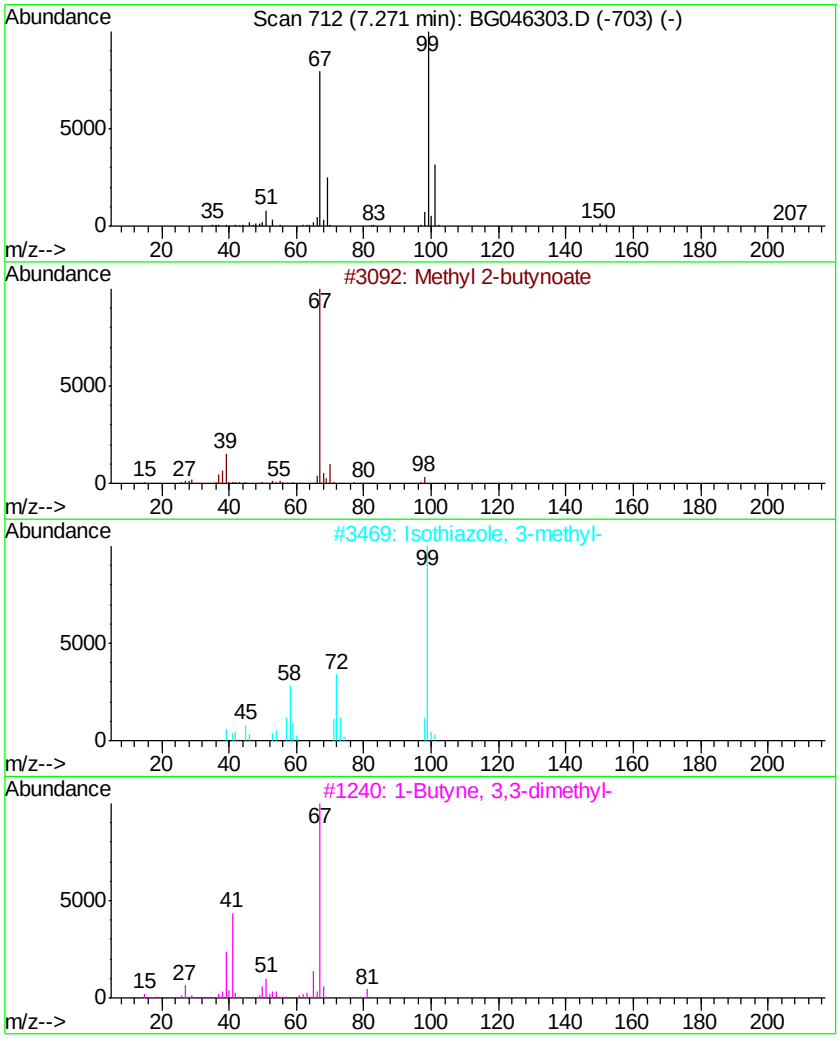
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

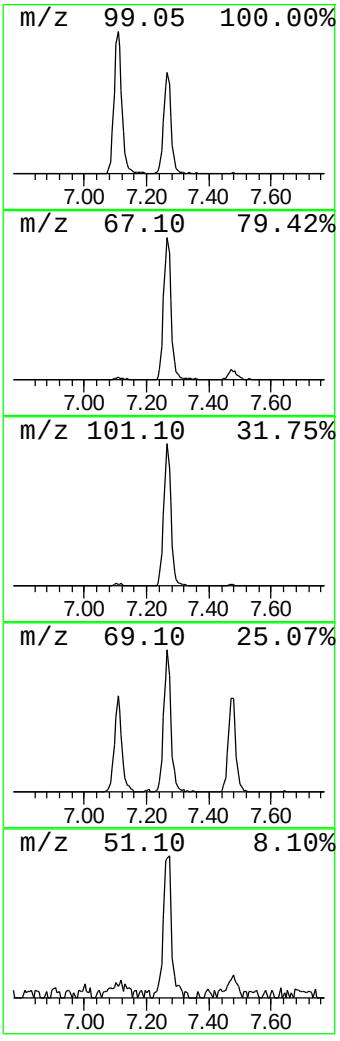
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.97 ng/ul	263985	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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

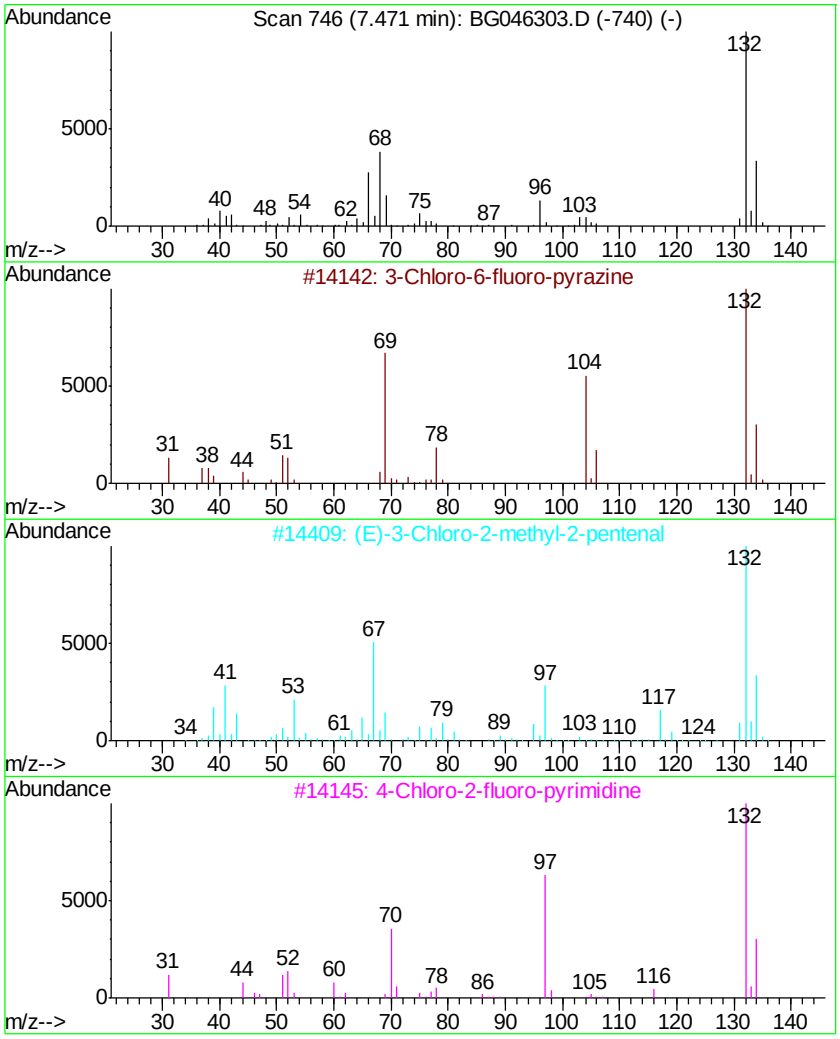
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

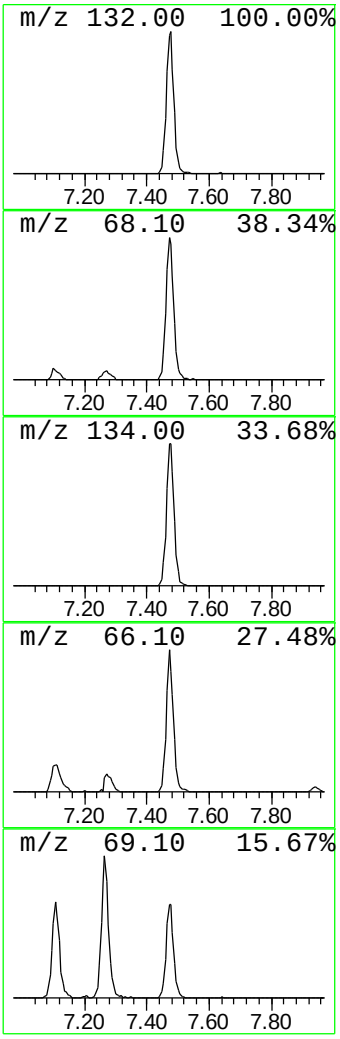
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	19.49 ng/ul	368332	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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

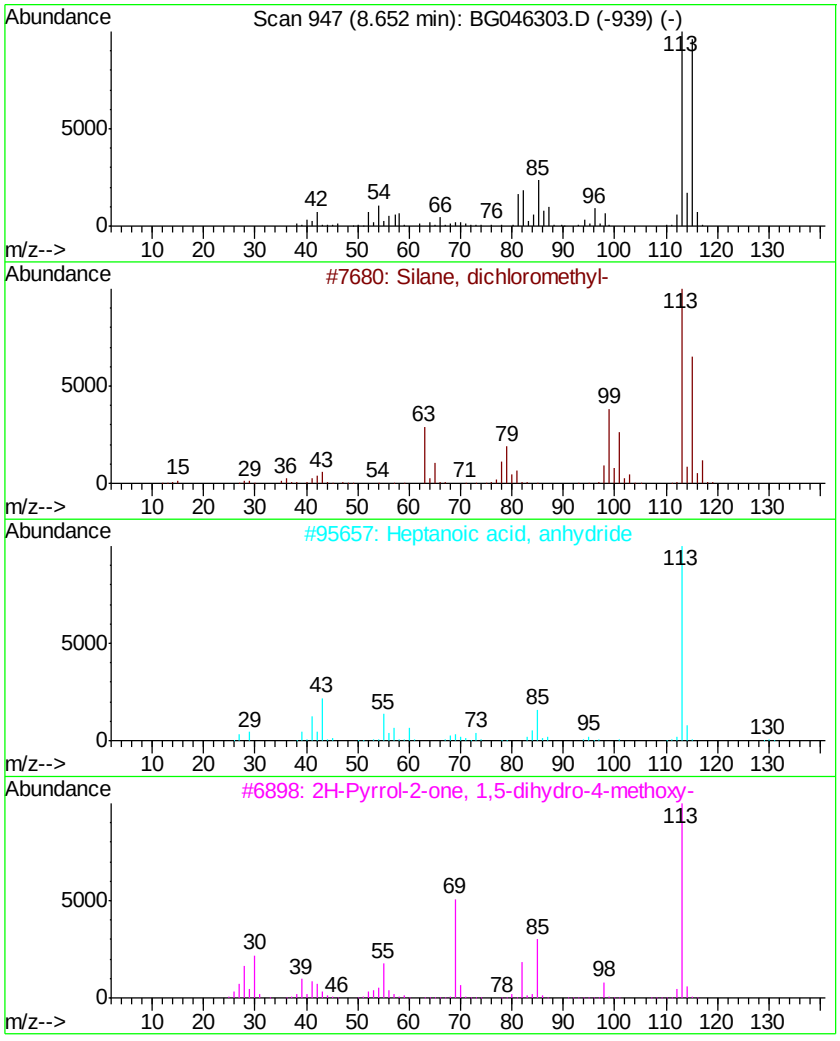
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

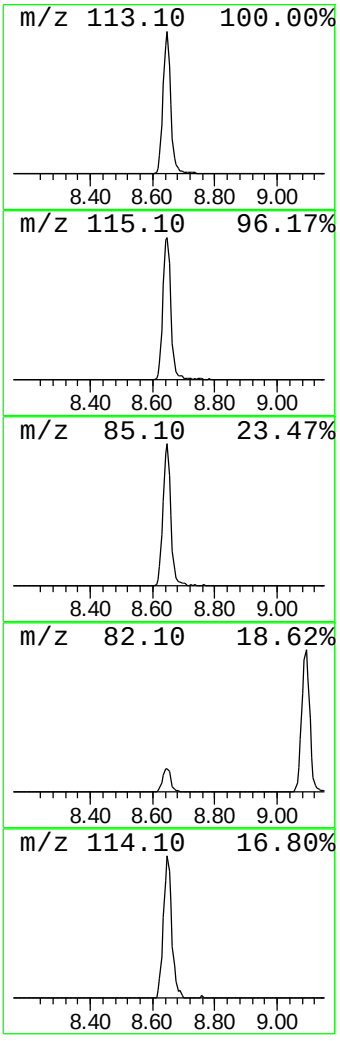
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	24.98 ng/ul	472172	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	35
4	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	32
5	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	25





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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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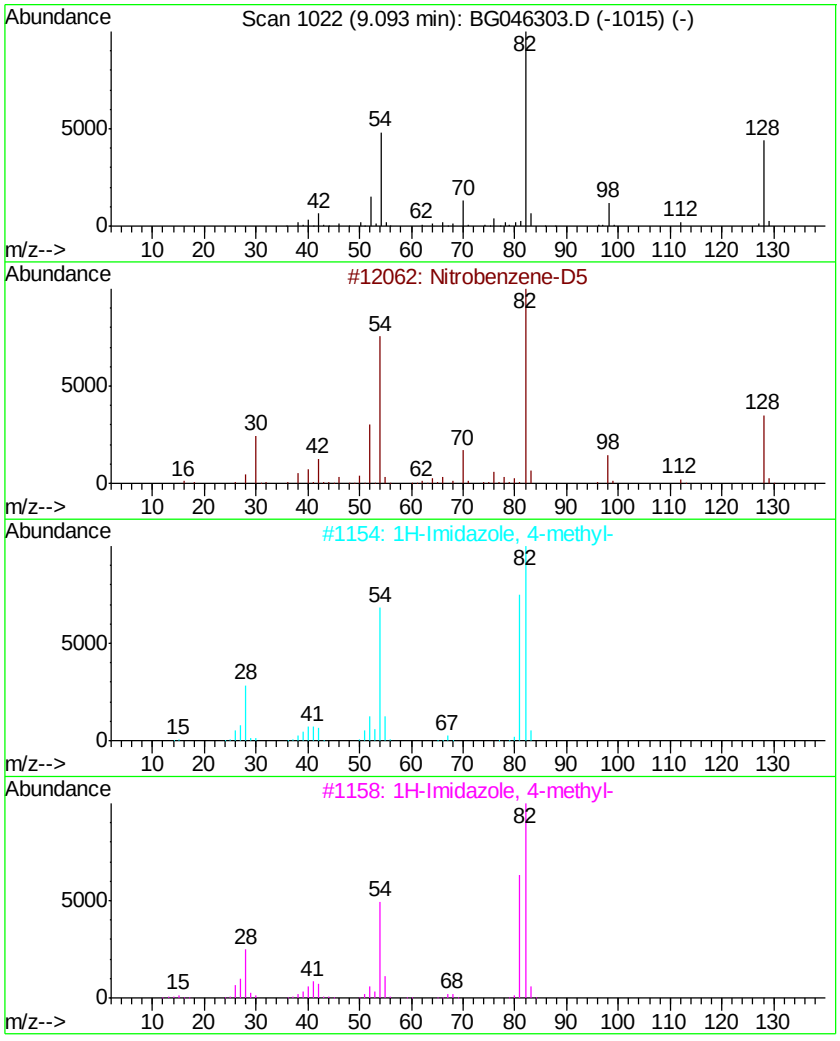
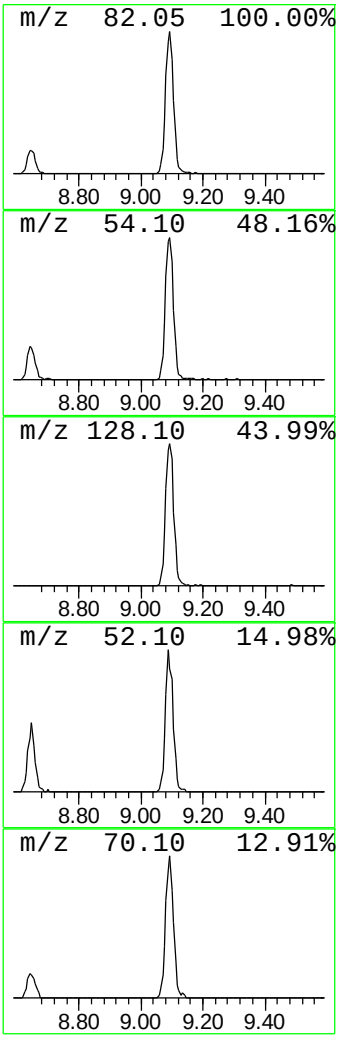
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.96 ng/ul	339392	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	87
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	10





Library Search Compound Report

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Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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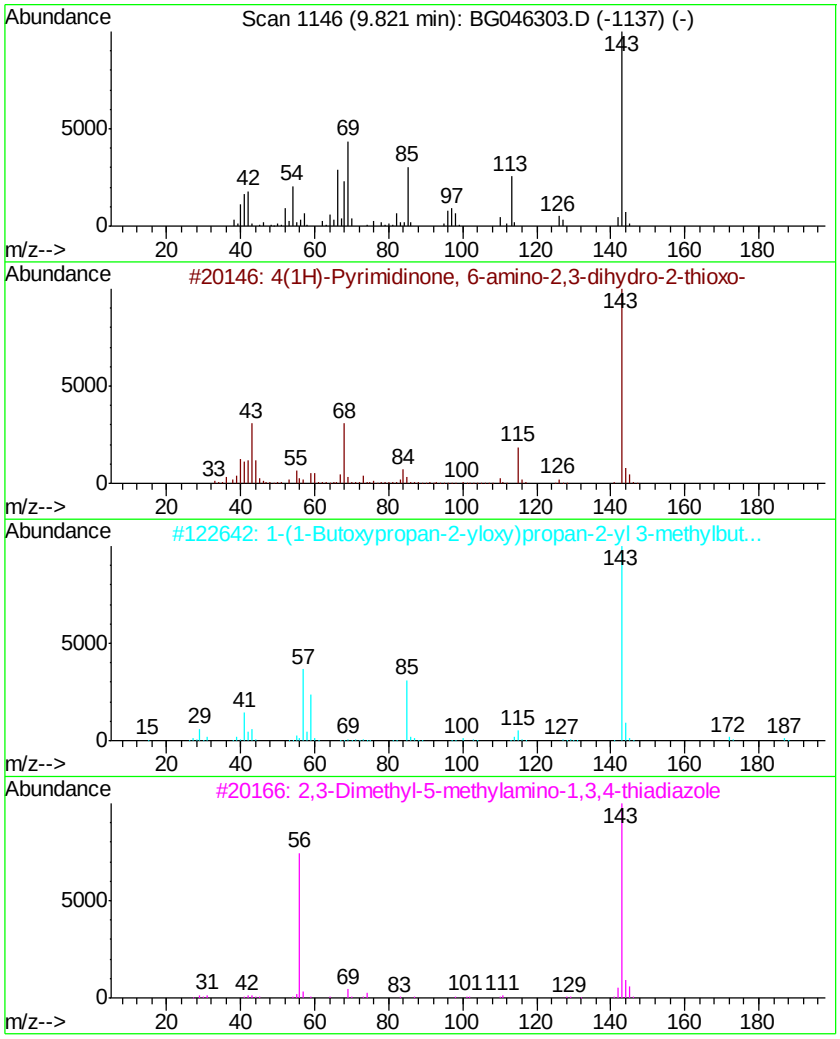
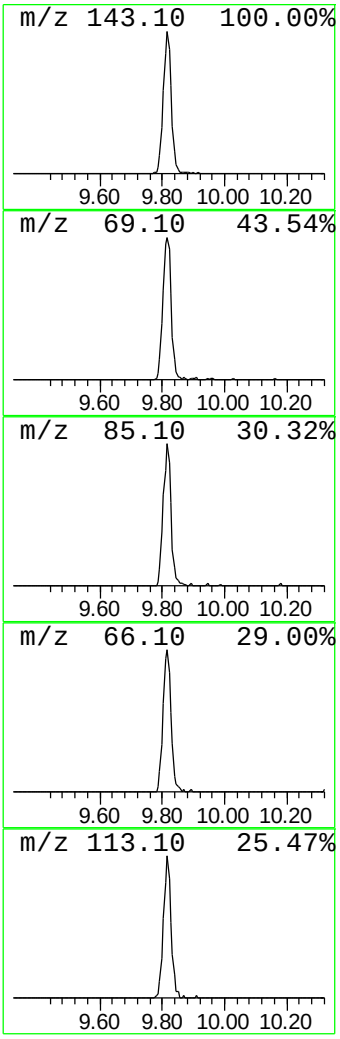
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	10.01 ng/ul	296475	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
3	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	14
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
5	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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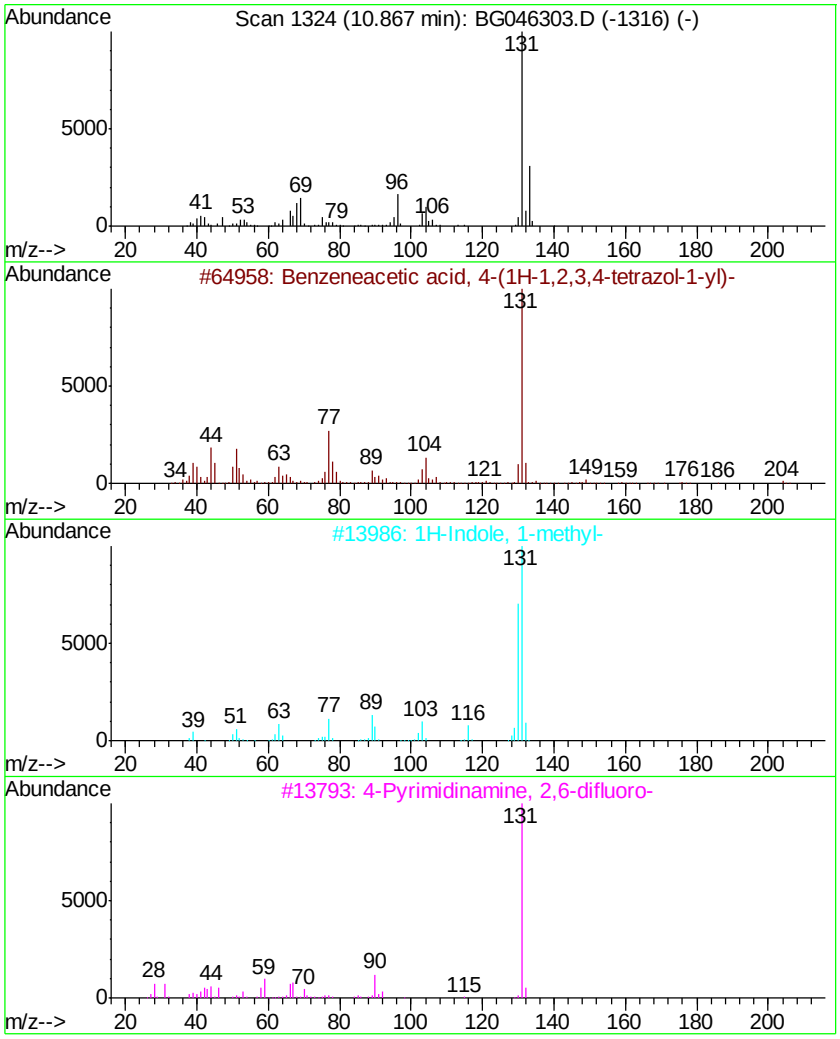
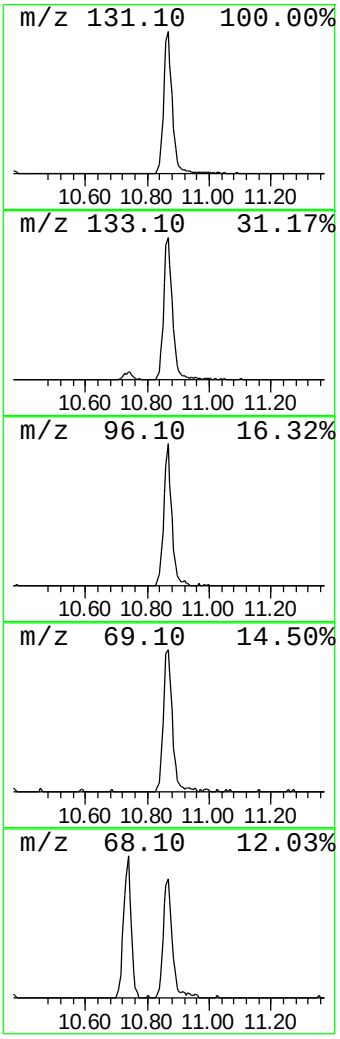
Peak Number 8 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	14.44 ng/ul	427928	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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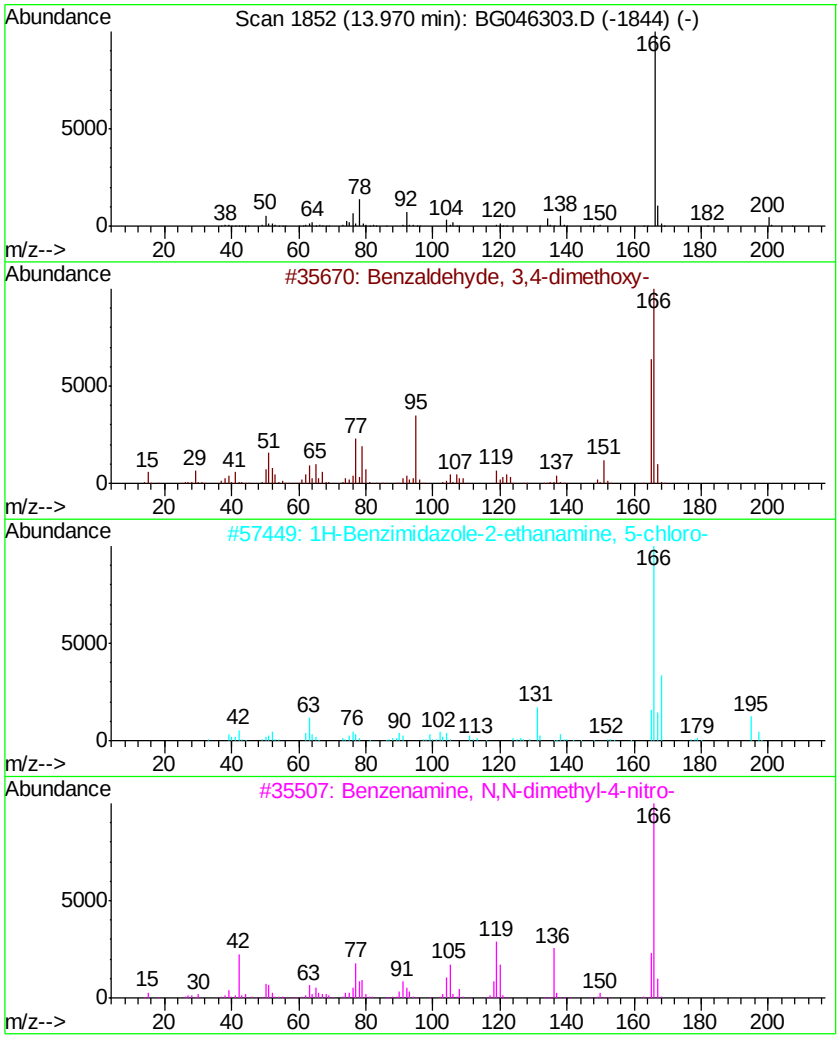
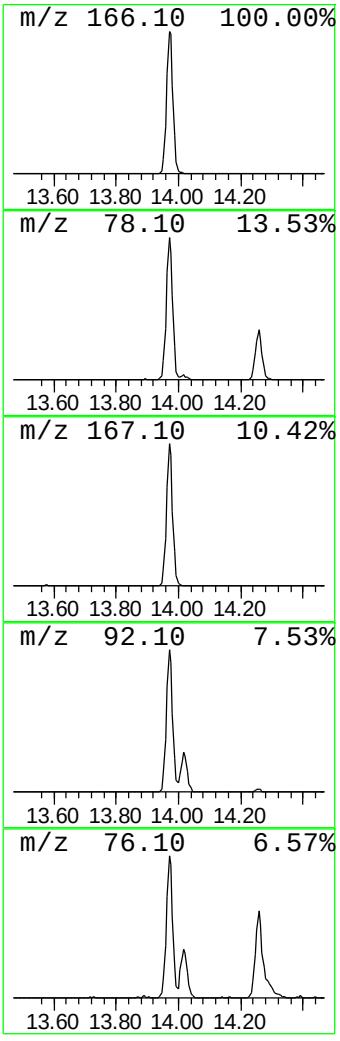
Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.85 ng/ul	794313	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
2	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	Benzo[b]tetrahydrofuran-3-one, 5...	166	C8H6O4	014771-00-7	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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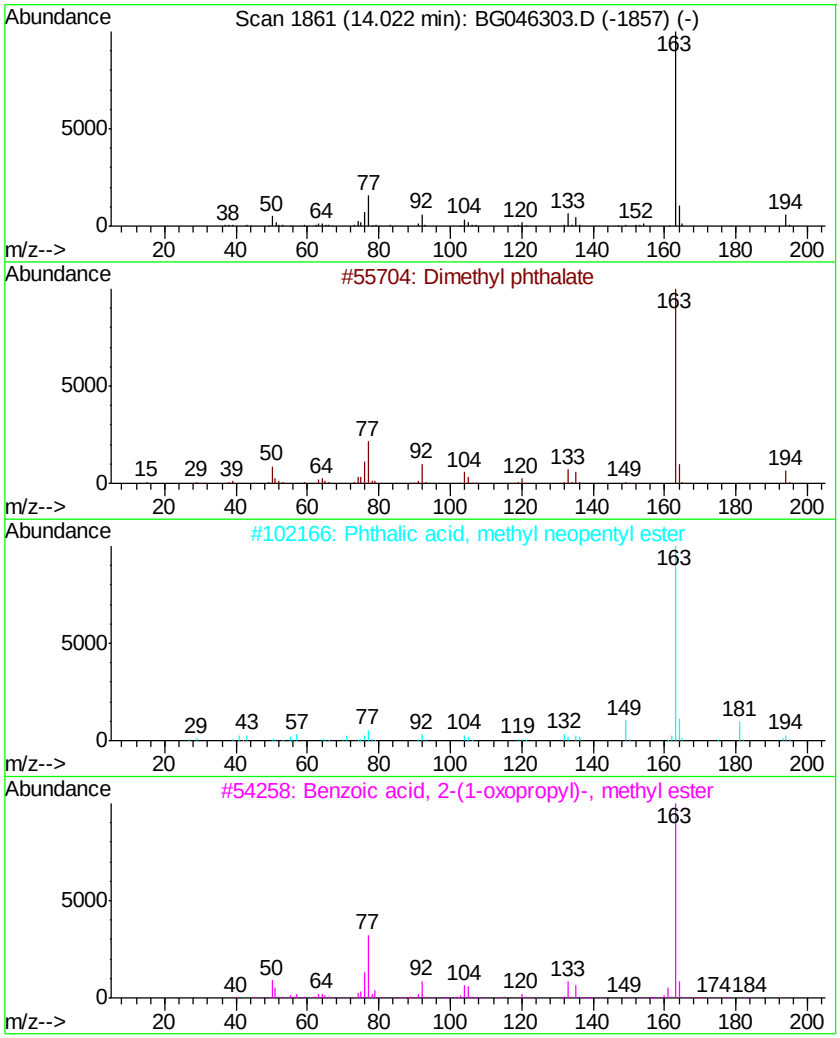
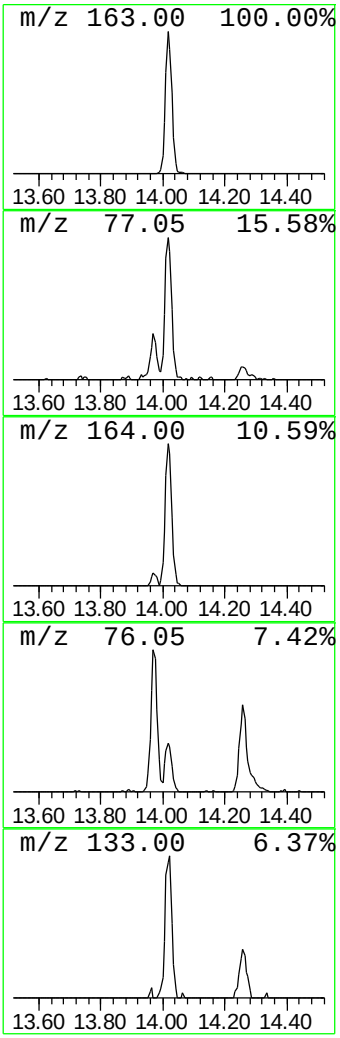
Peak Number 10 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.89 ng/ul	230696	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
3	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
4	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	83
5	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	78





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Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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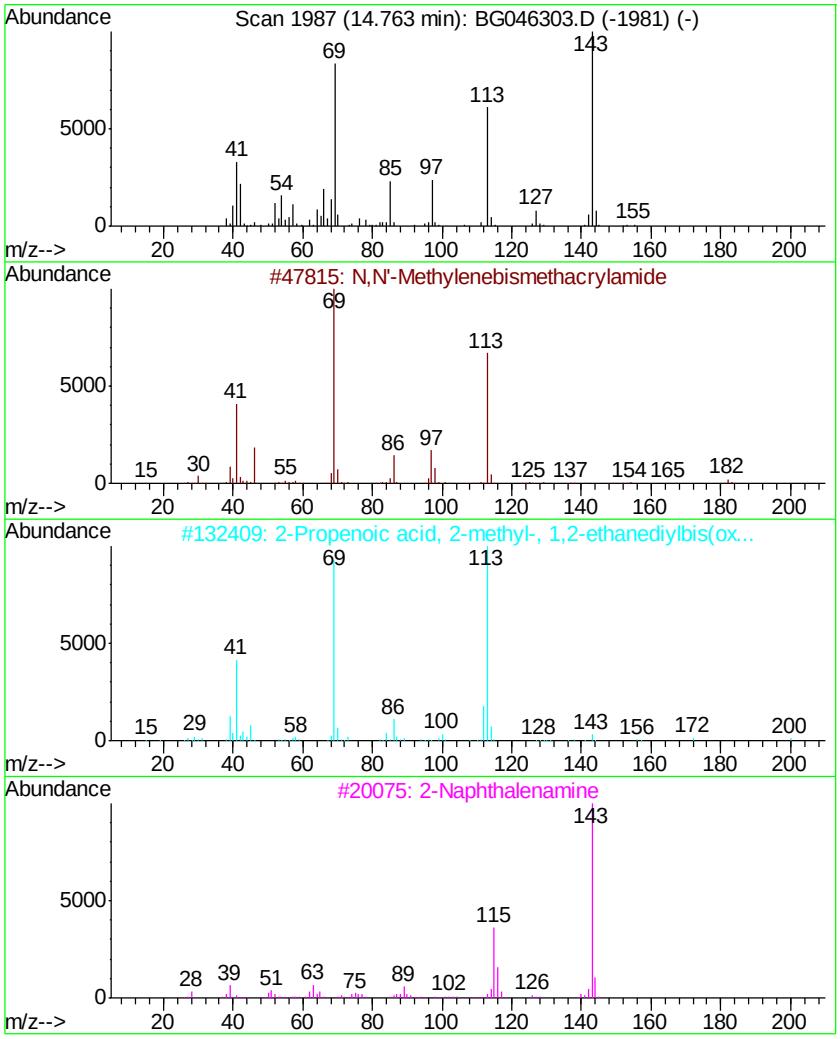
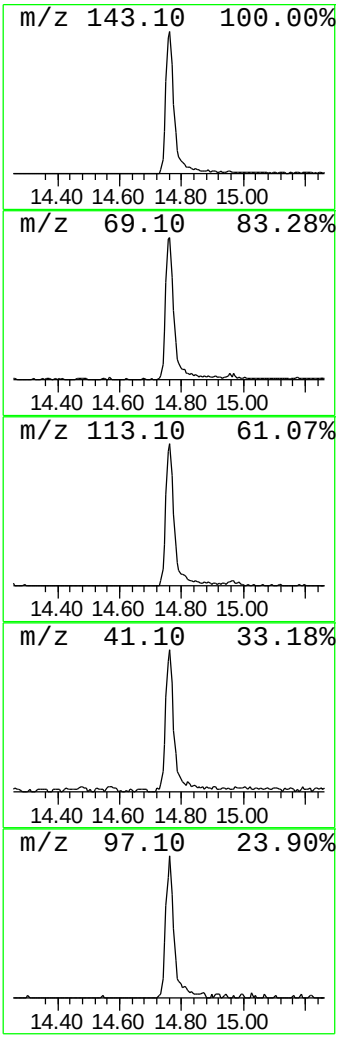
Peak Number 11 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.93 ng/ul	326642	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
2	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	25
3	2-Naphthalenamine	143	C10H9N	000091-59-8	22
4	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
5	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	22





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Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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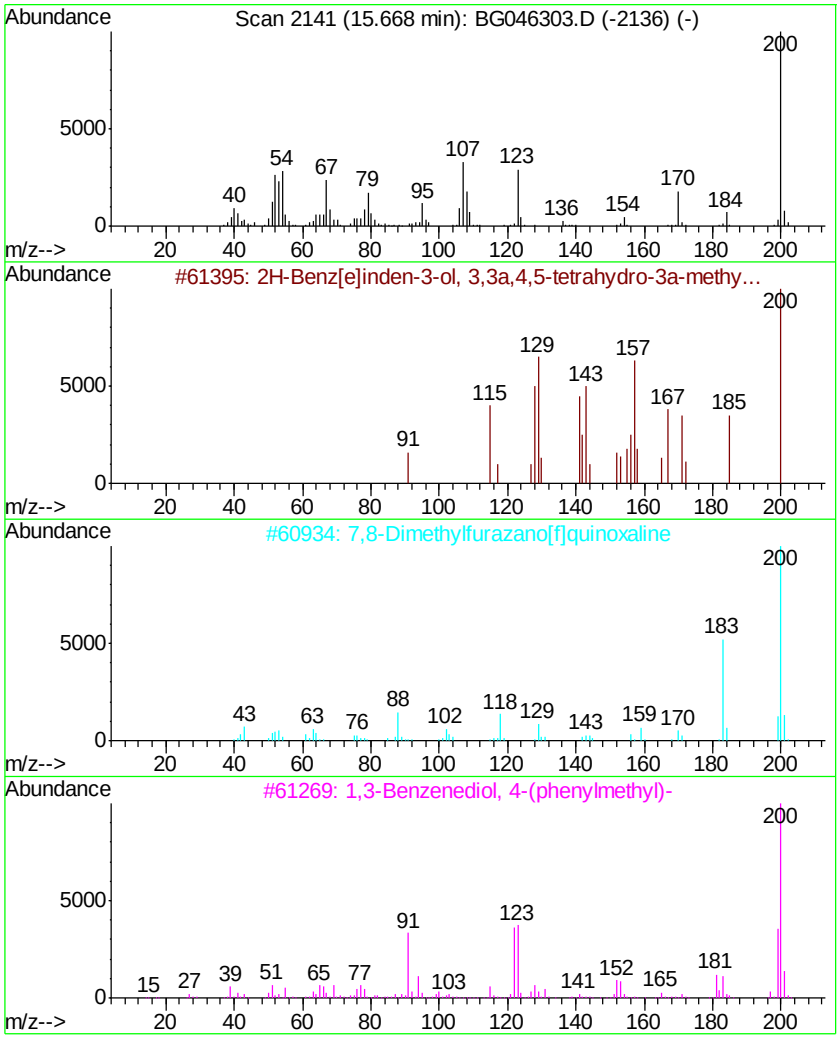
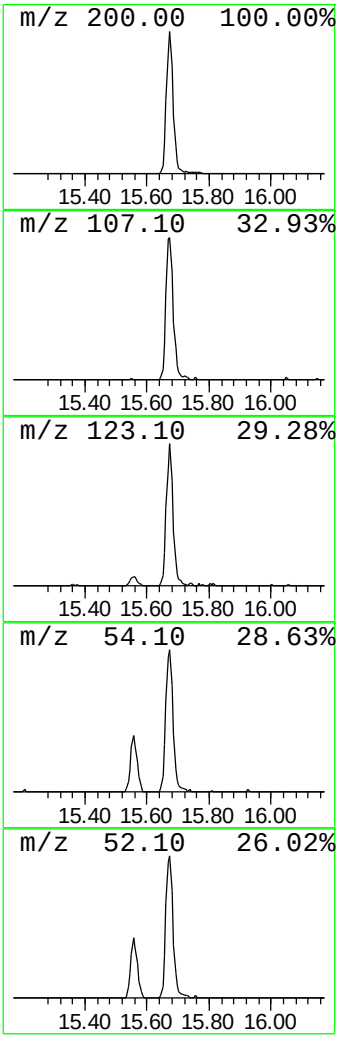
Peak Number 12 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.54 ng/ul	355383	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	16
4	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
5	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	12





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Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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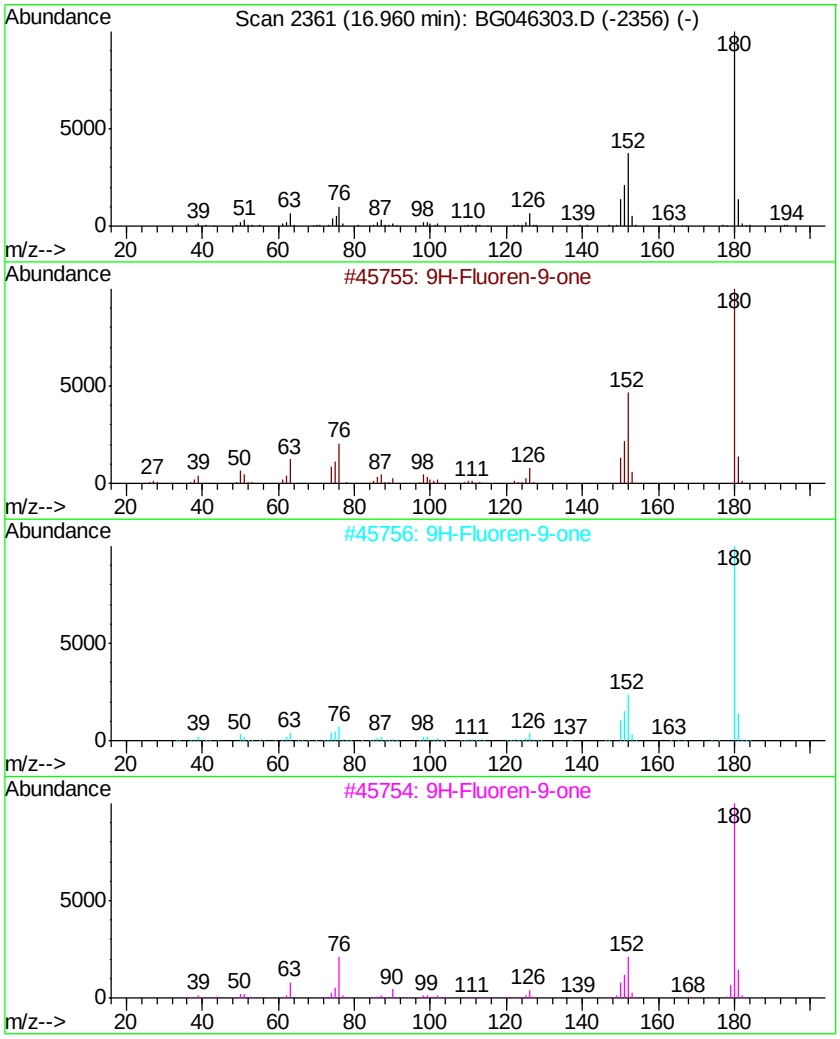
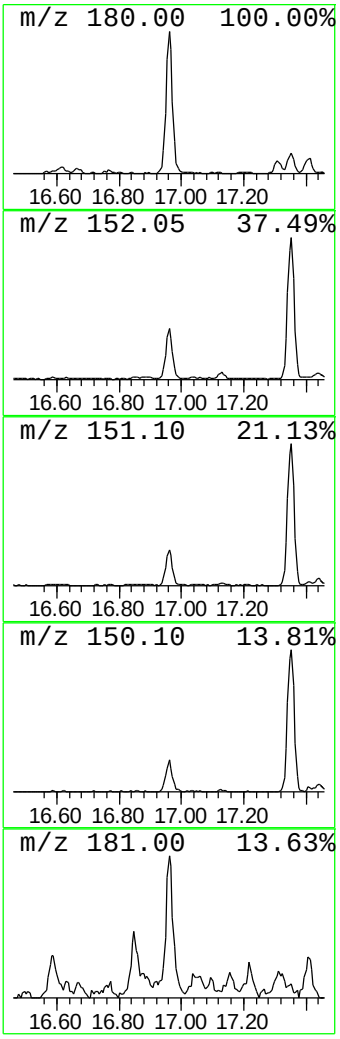
Peak Number 13 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.72 ng/ul	174890	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81





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Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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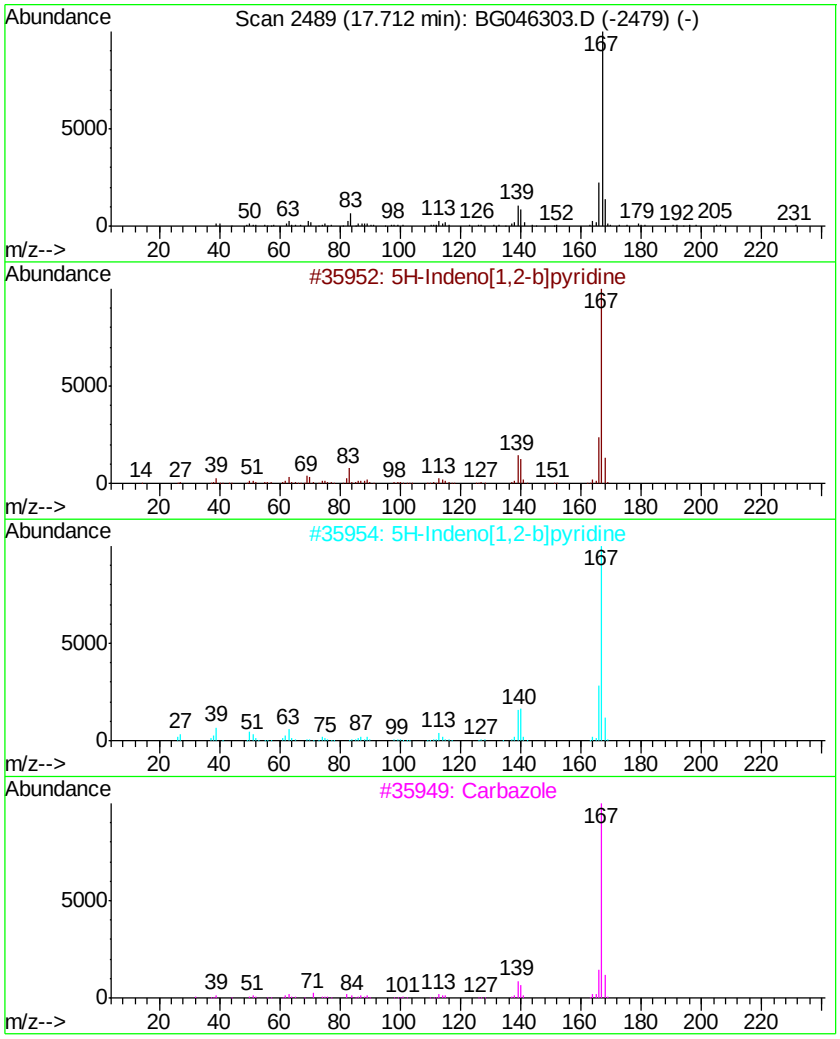
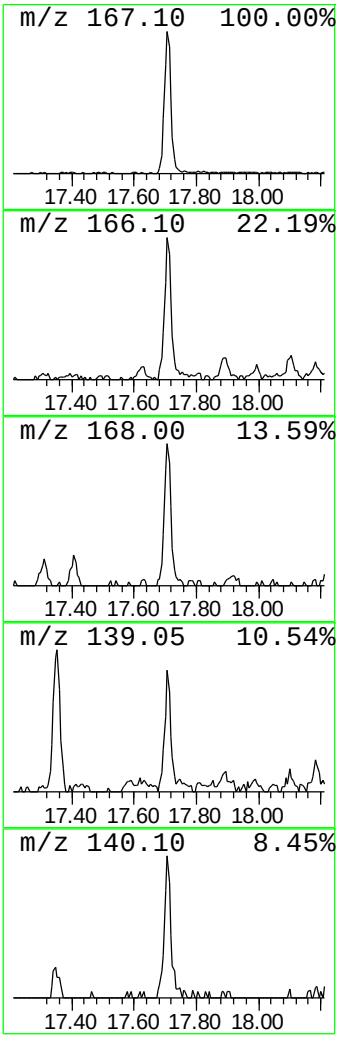
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.35 ng/ul	150842	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	86





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Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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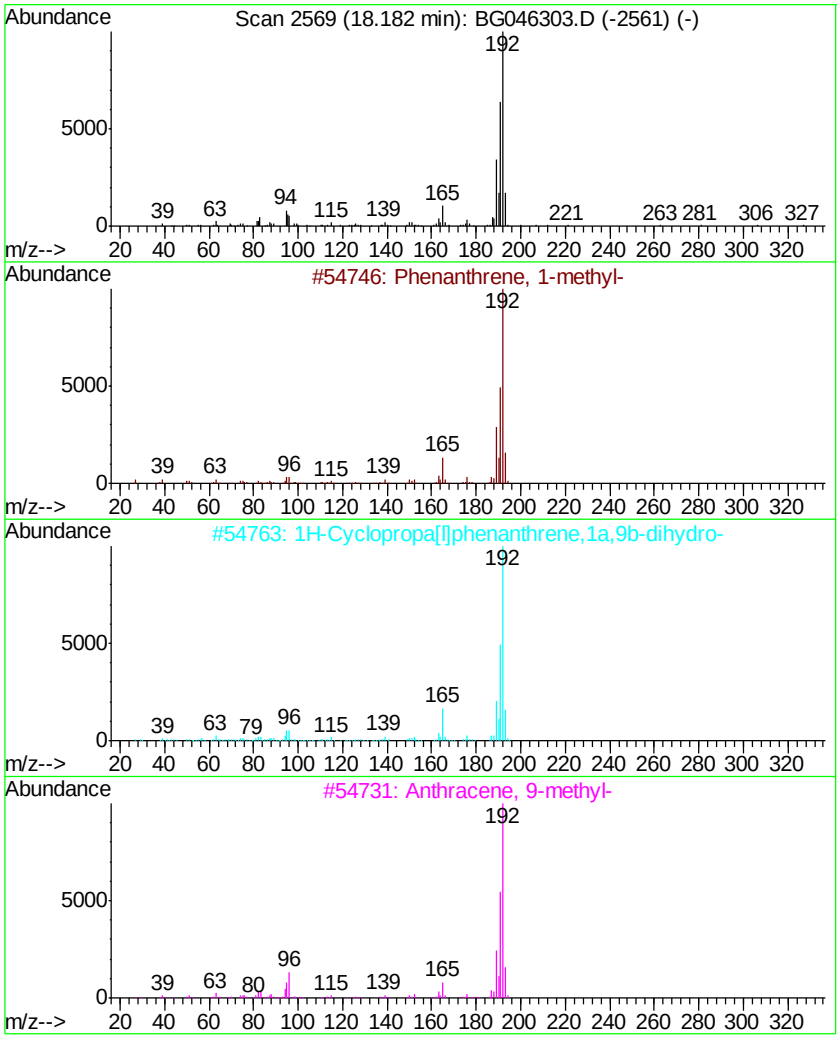
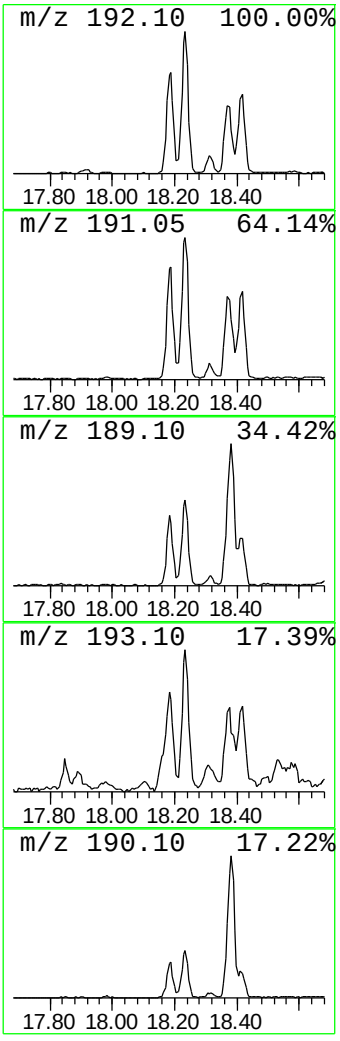
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.03 ng/ul	259099	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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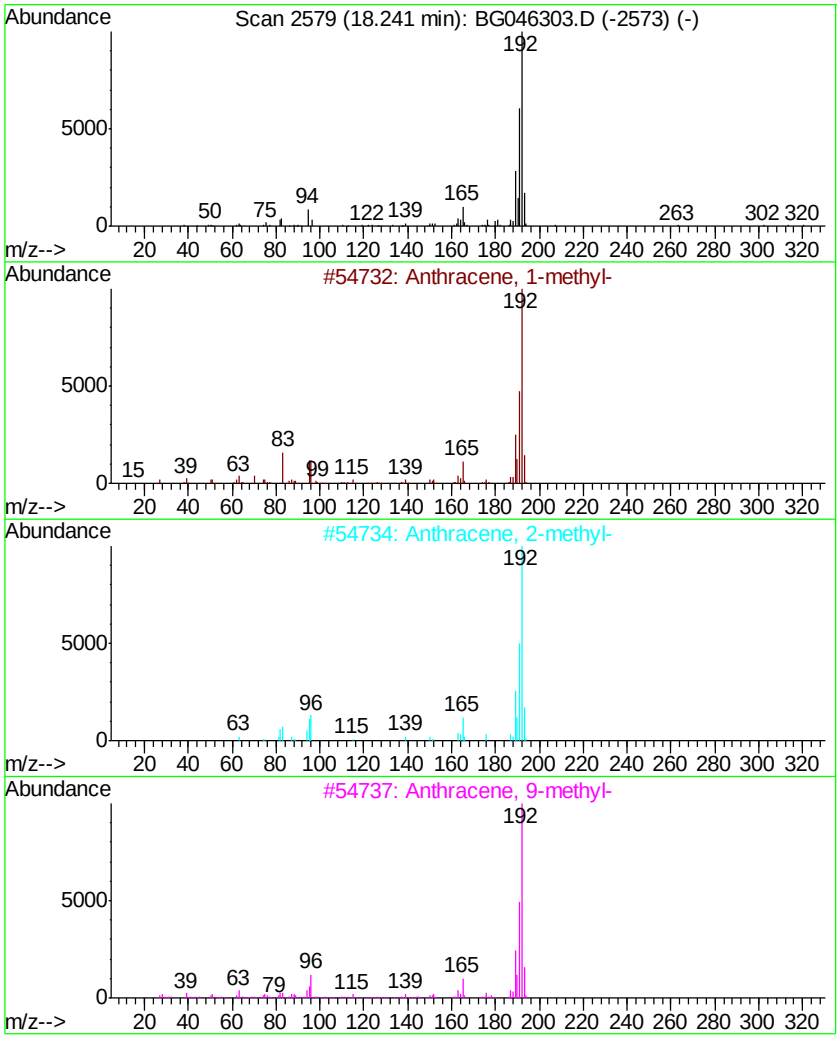
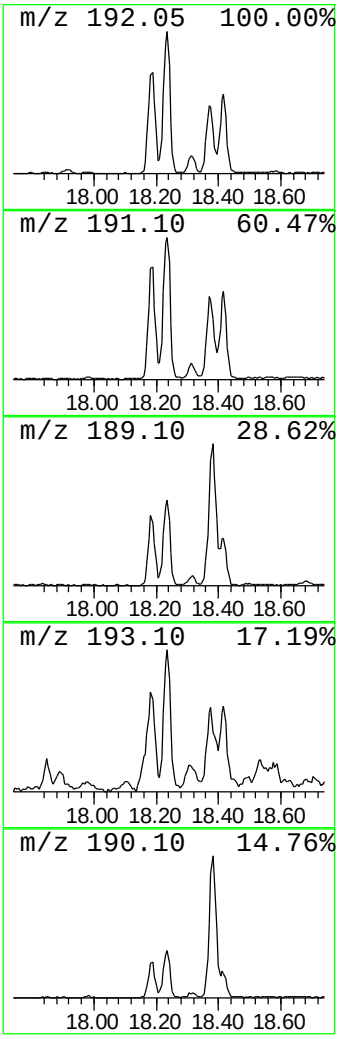
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.42 ng/ul	347757	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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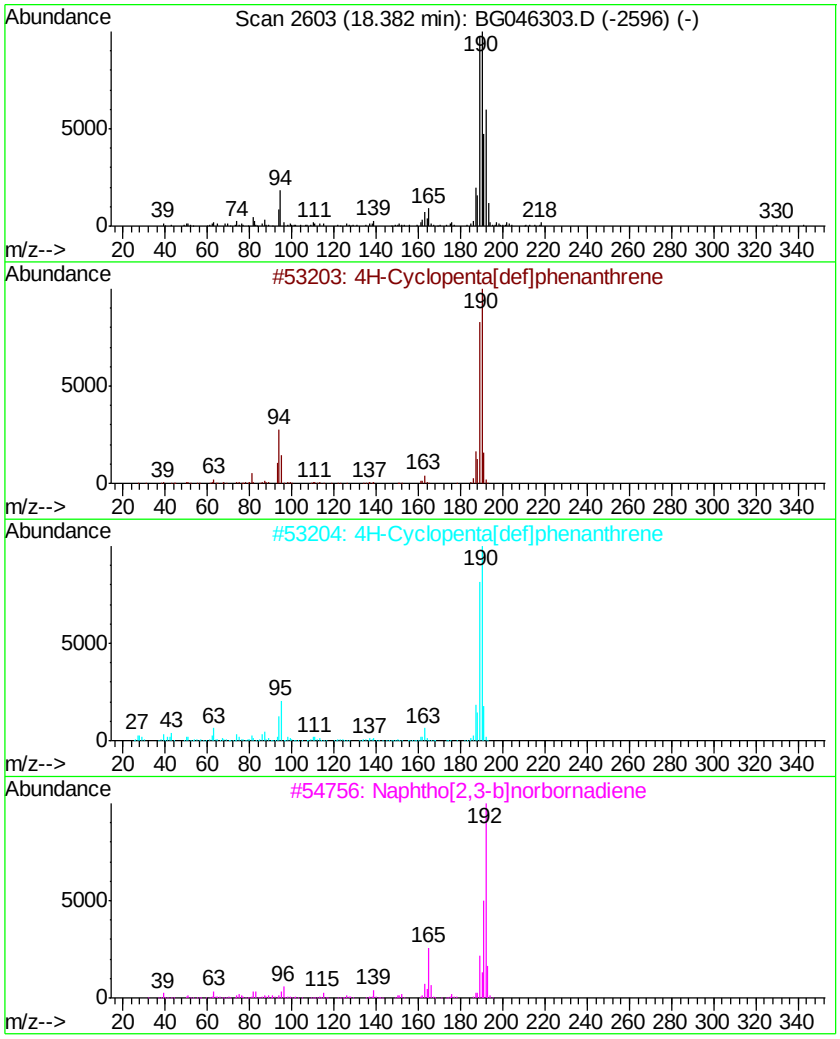
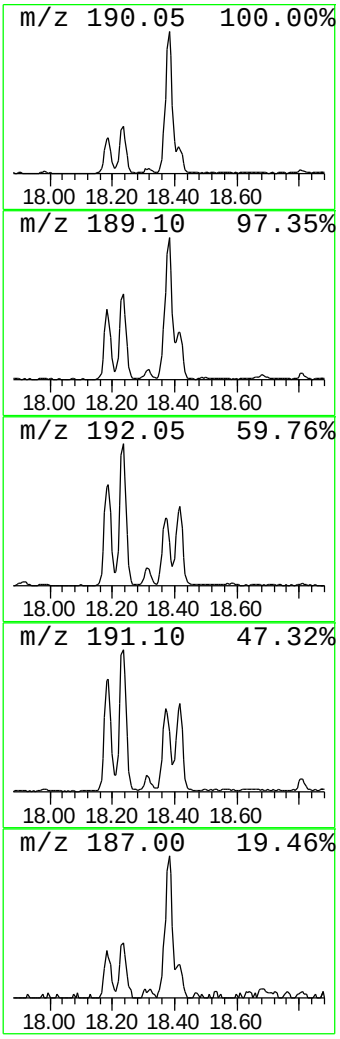
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.45 ng/ul	285679	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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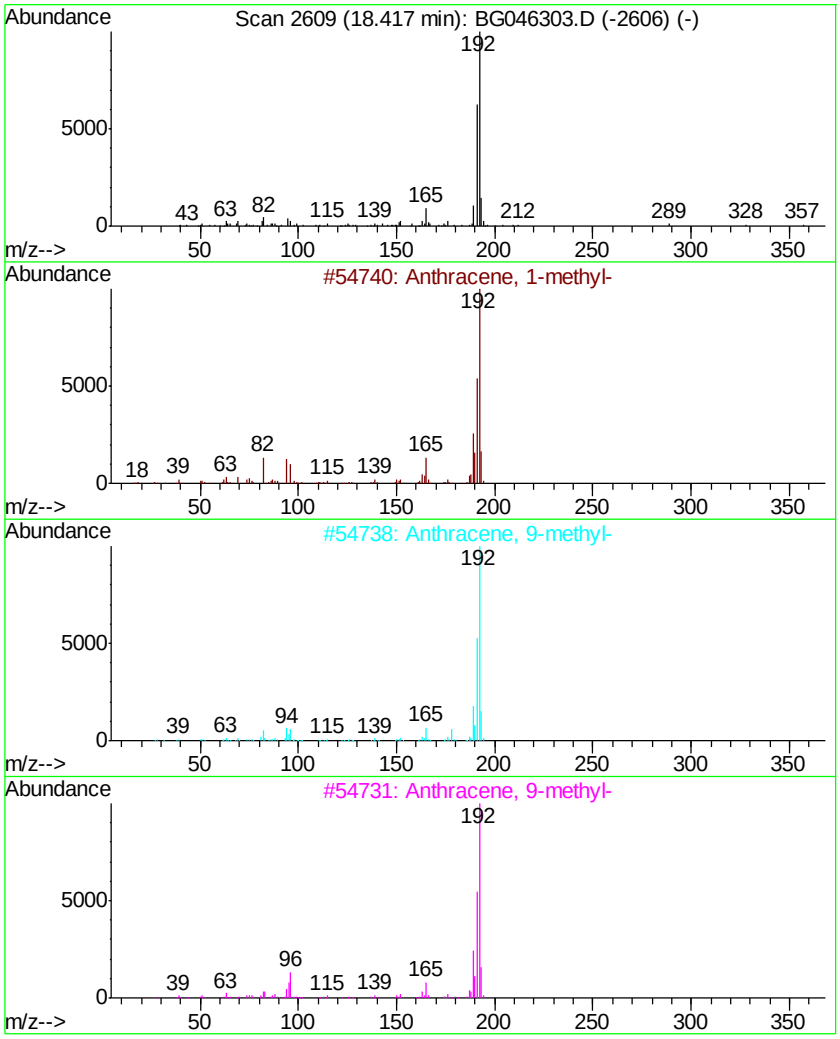
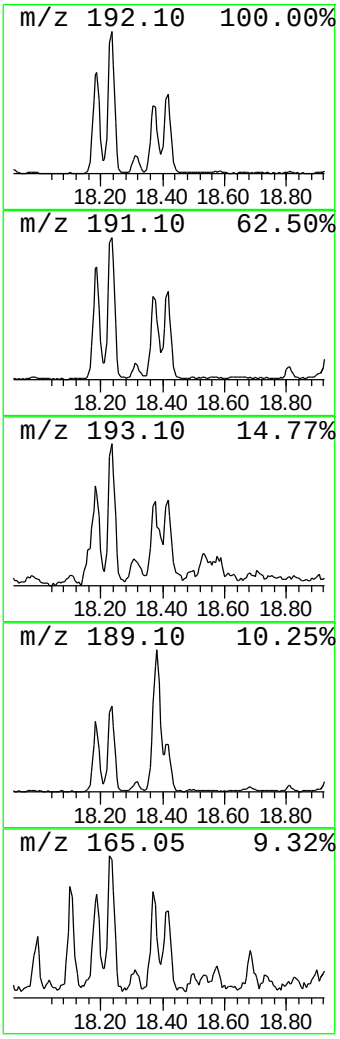
Peak Number 18 Anthracene, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.15 ng/ul	137821	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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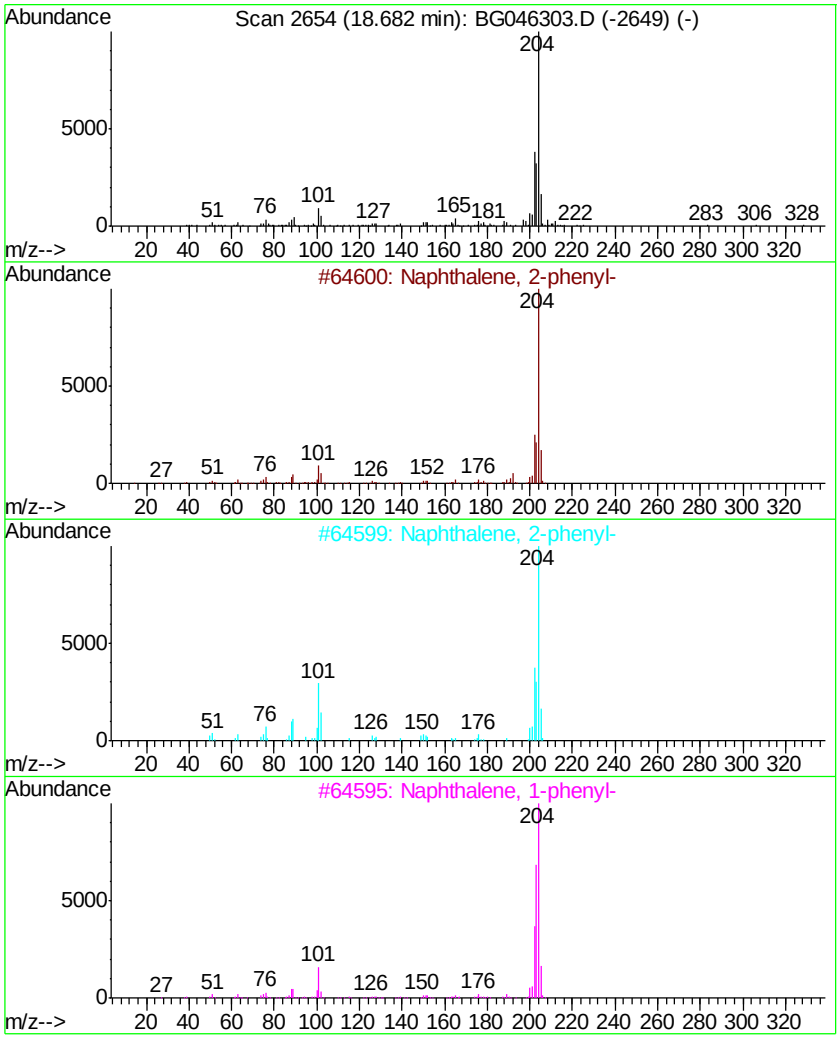
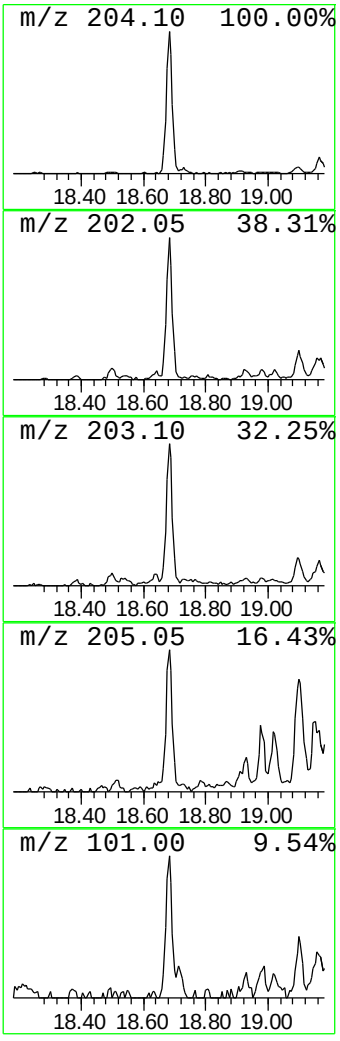
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.14 ng/ul	201806	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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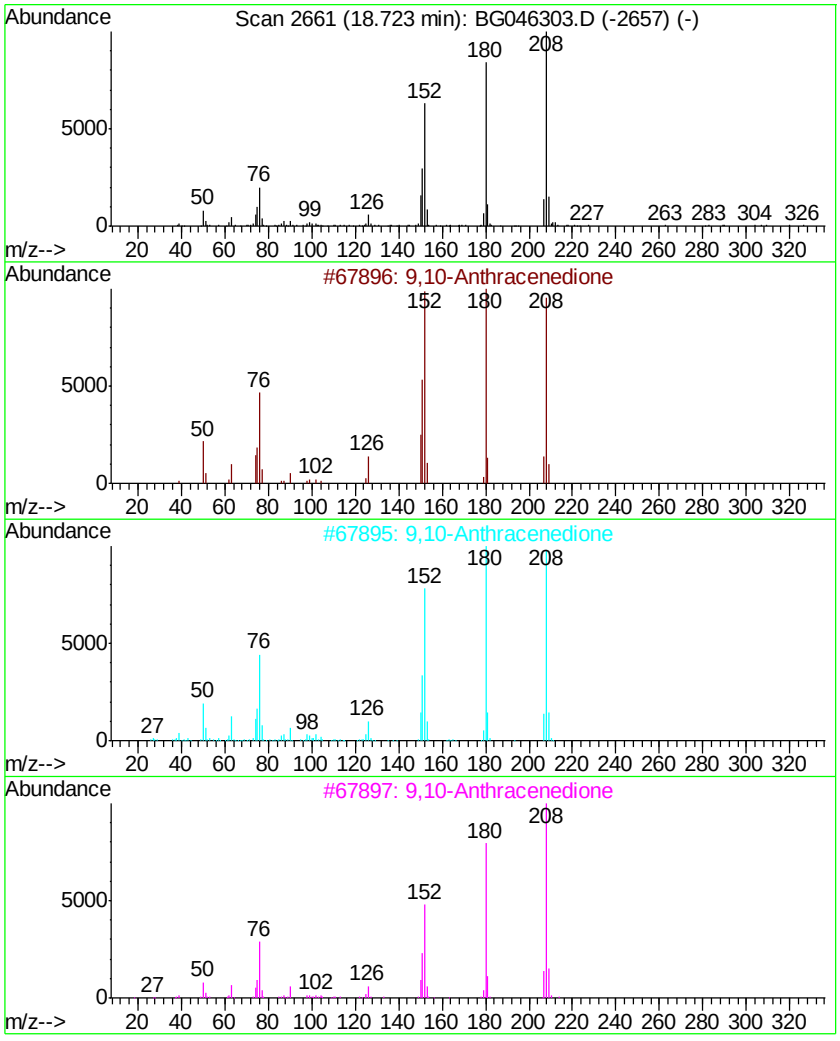
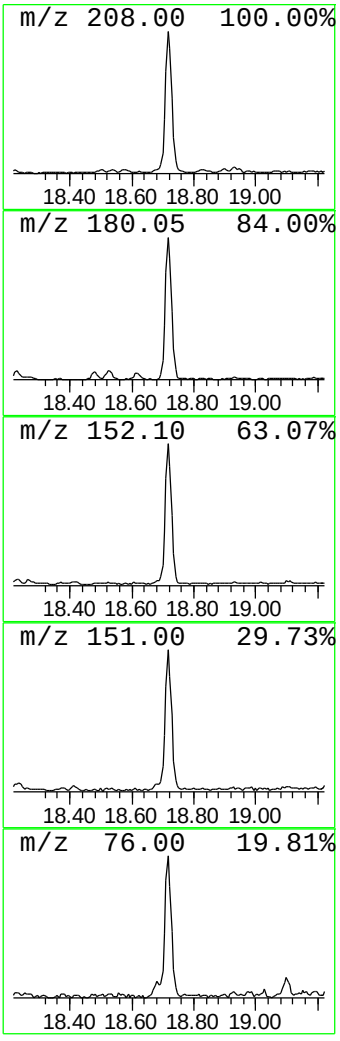
Peak Number 20 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.08 ng/ul	390166	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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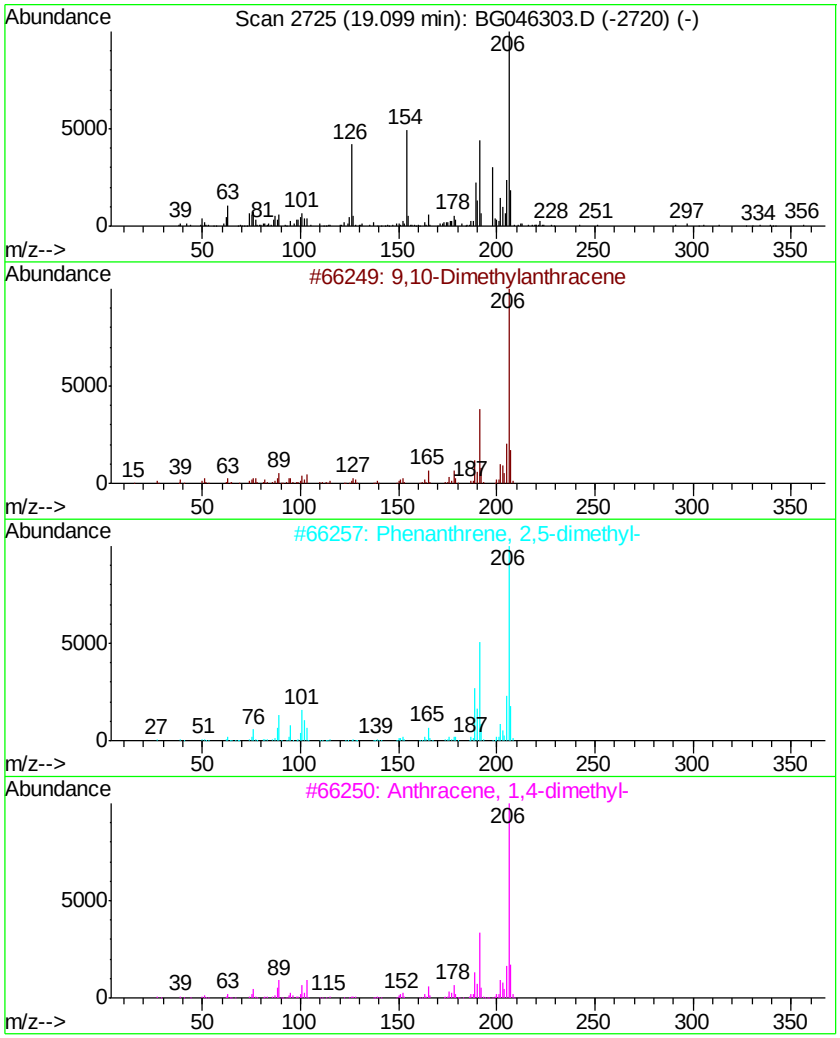
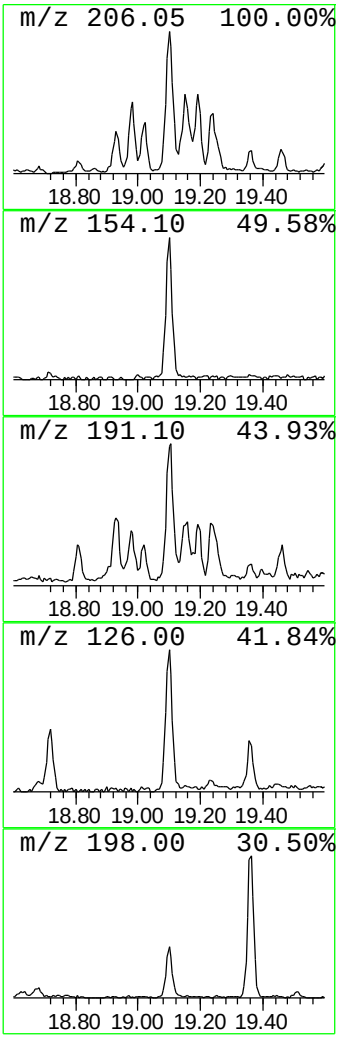
Peak Number 21 9,10-Dimethylanthracene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.38 ng/ul	216792	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60





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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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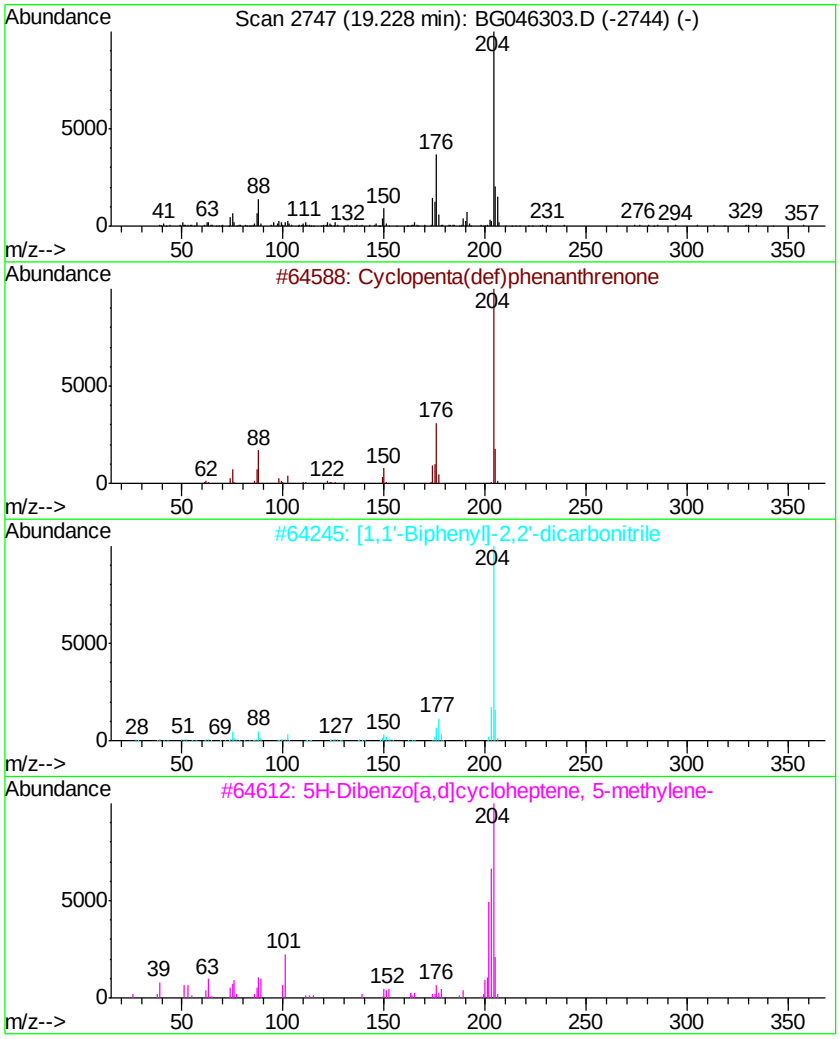
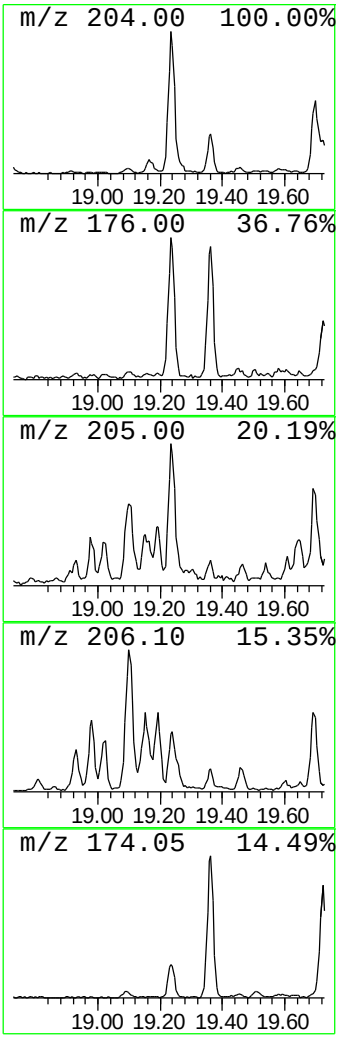
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.92 ng/ul	251955	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46





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Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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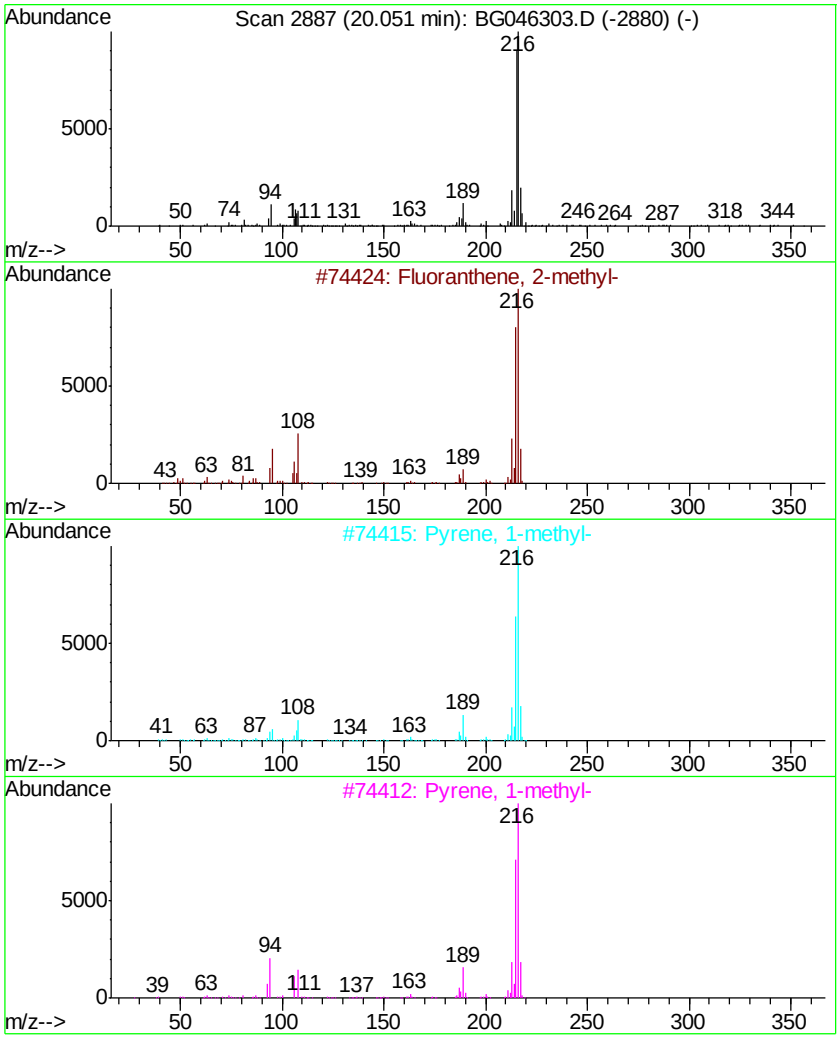
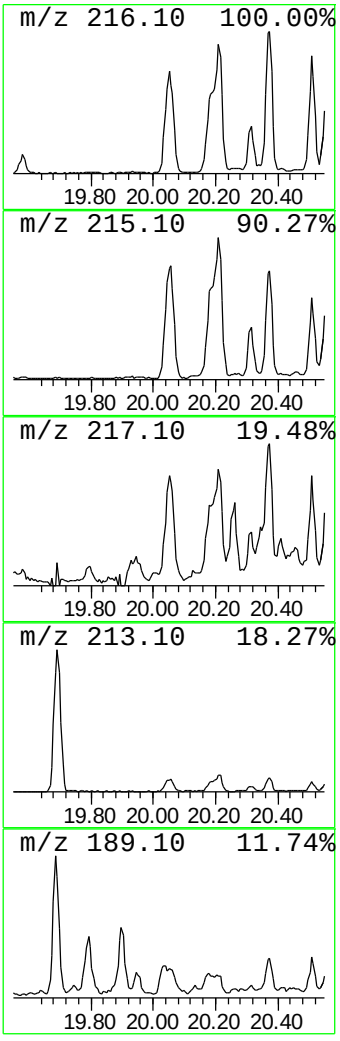
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.54 ng/ul	305351	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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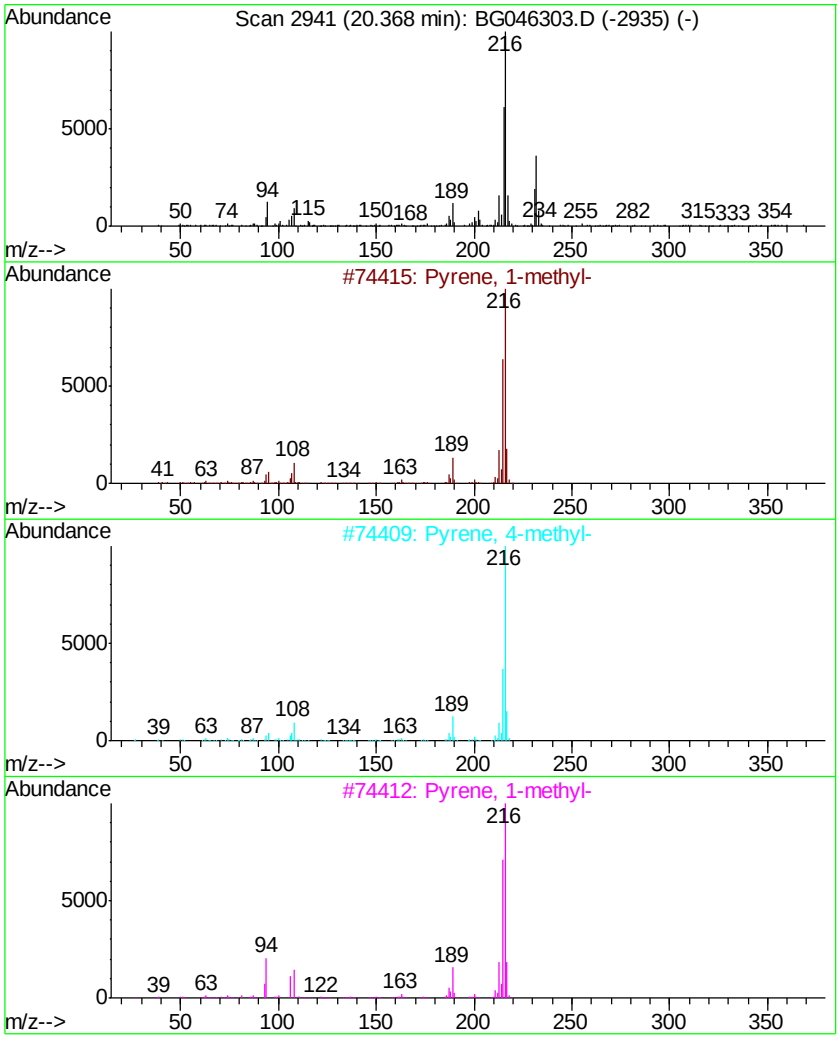
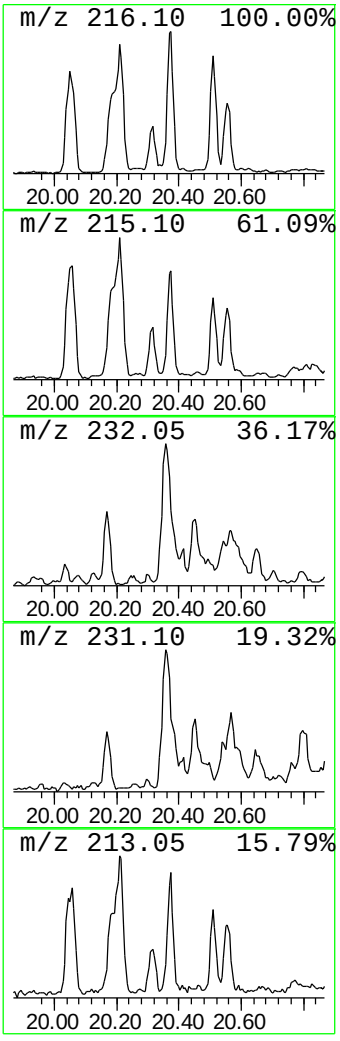
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.58 ng/ul	309919	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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Quant Title : SVOA CALIBRATION

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

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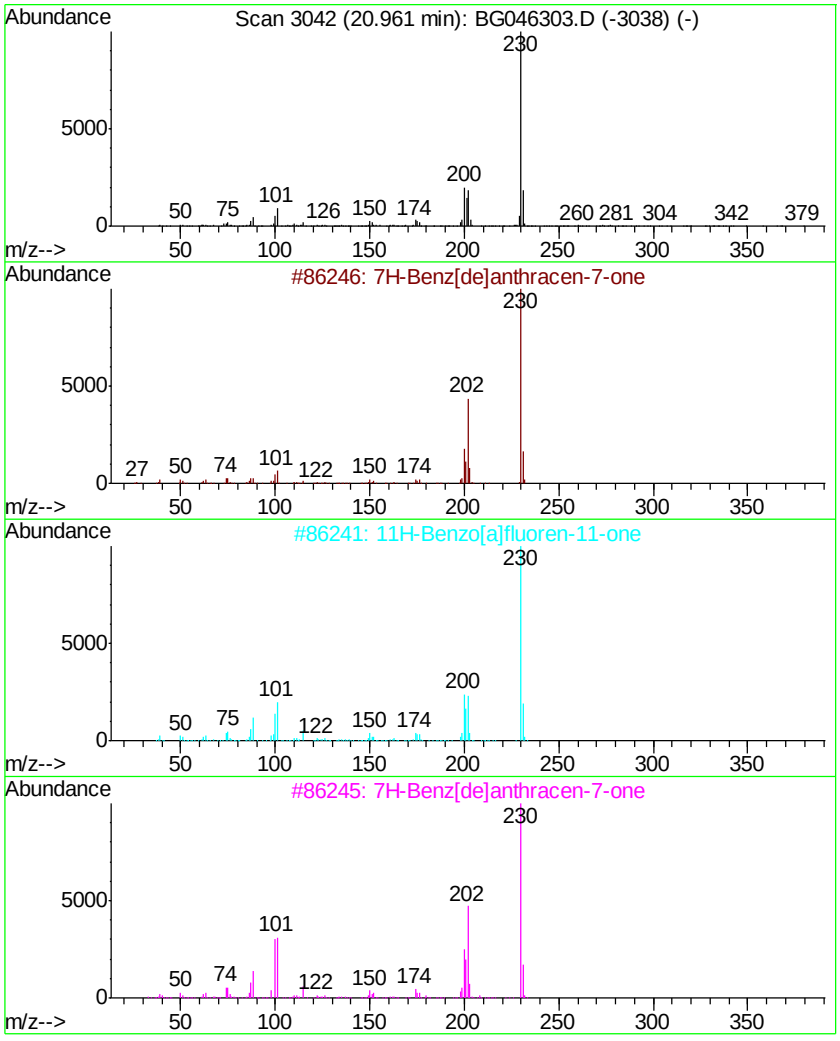
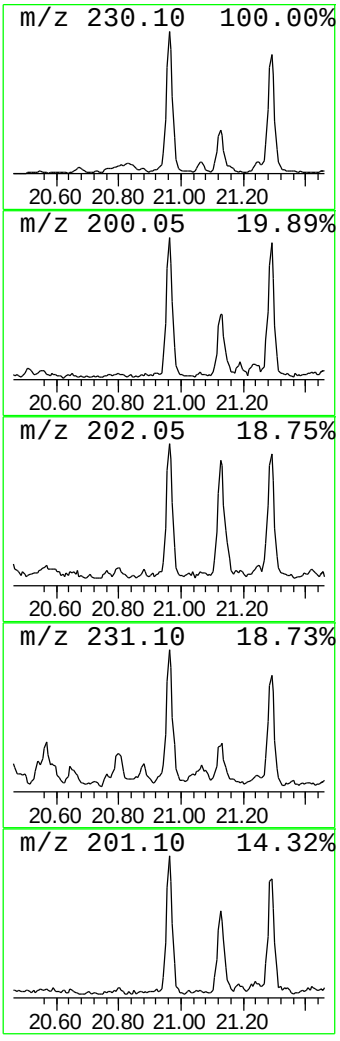
Peak Number 25 7H-Benz[de]anthracen-7-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.97 ng/ul	357531	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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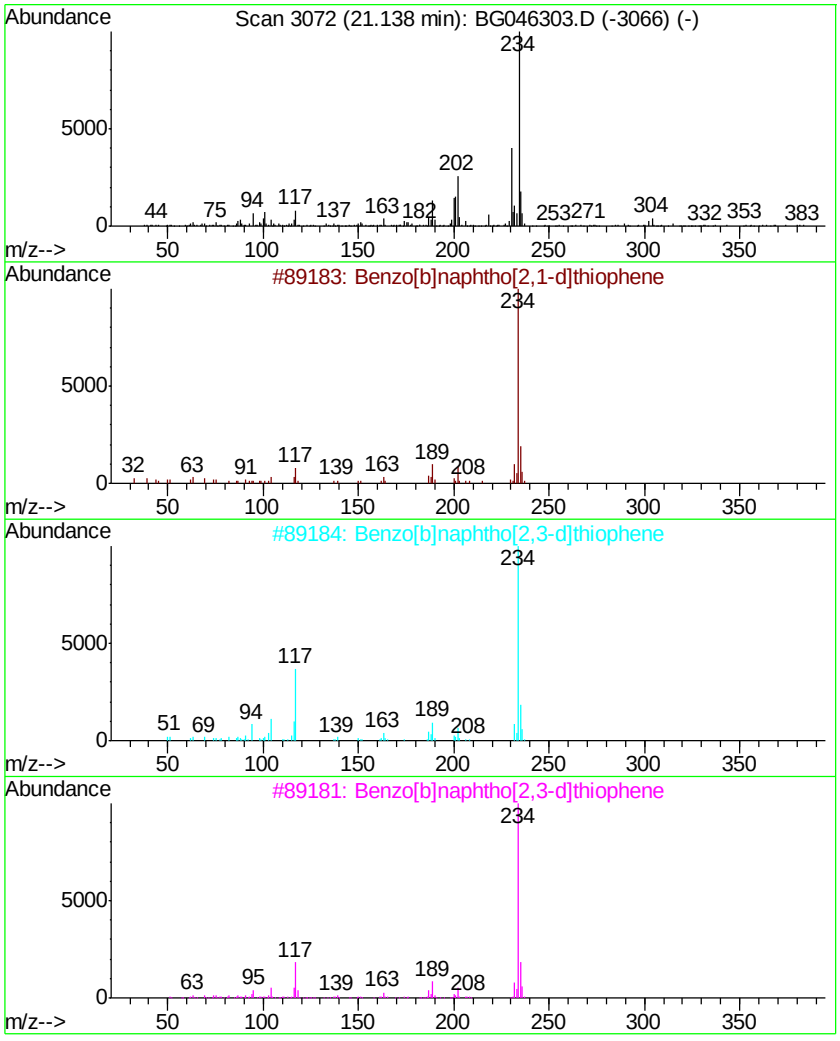
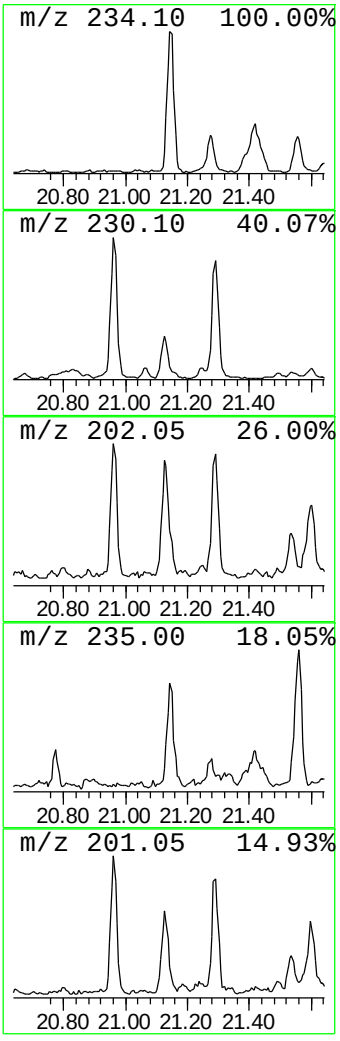
Peak Number 26 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.87 ng/ul	345296	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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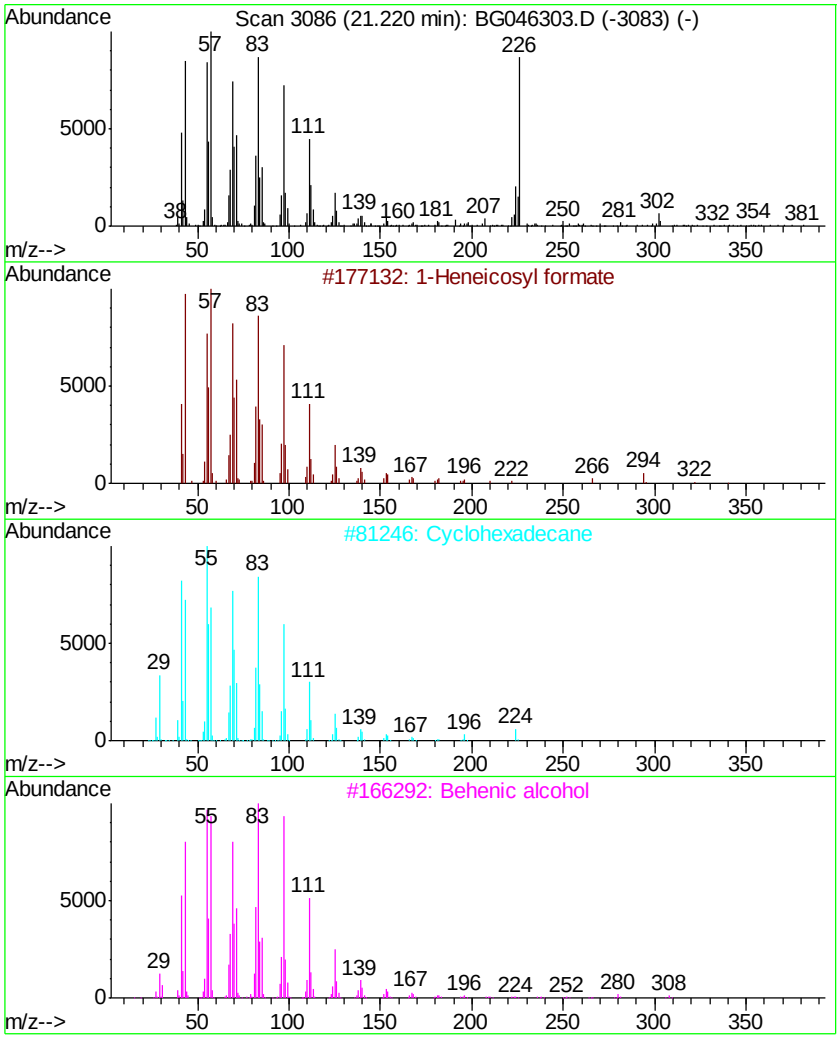
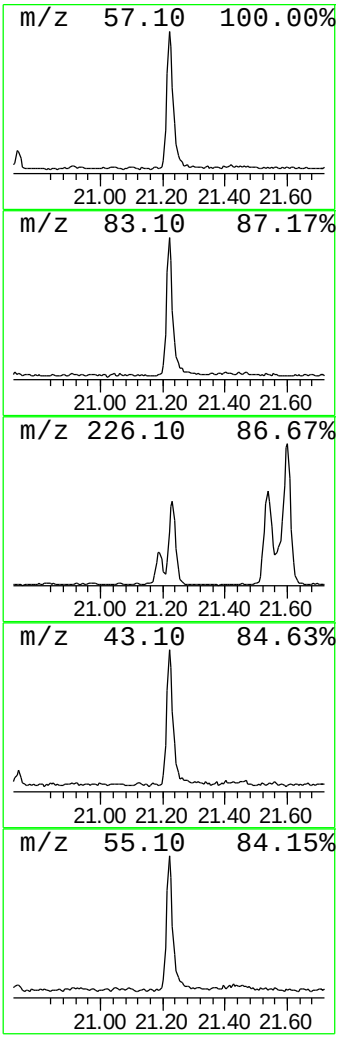
Peak Number 27 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.63 ng/ul	798103	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	89
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	89
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	89





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Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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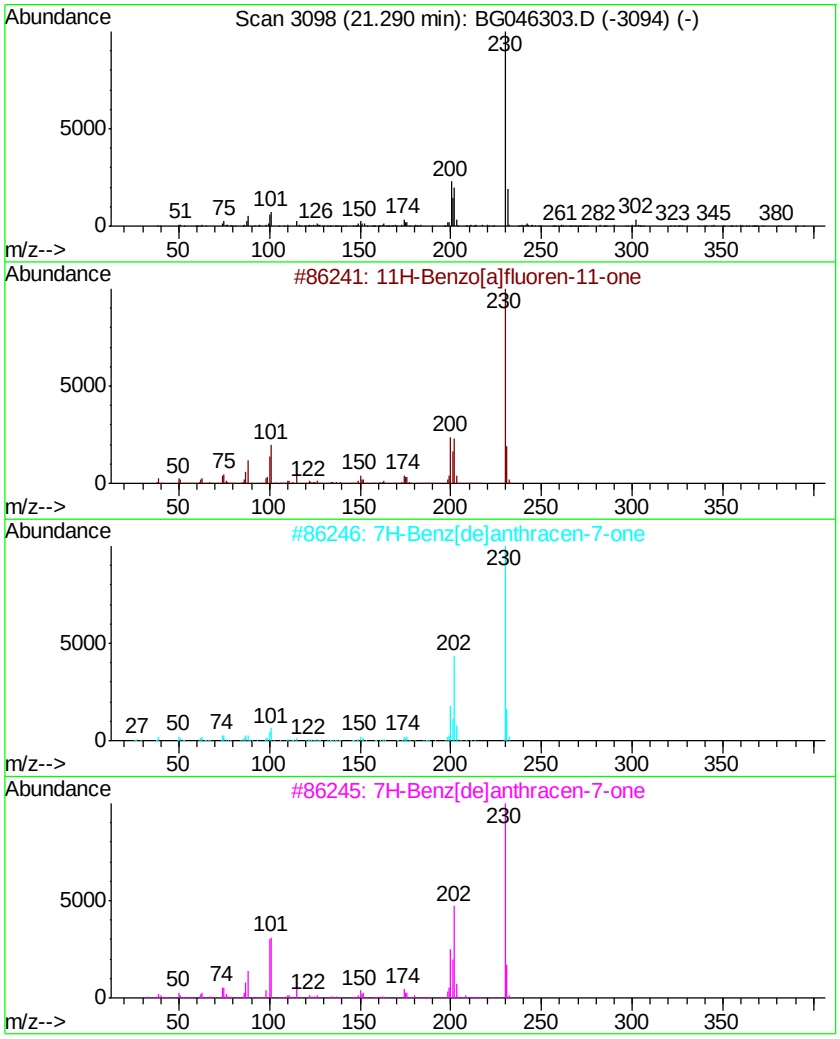
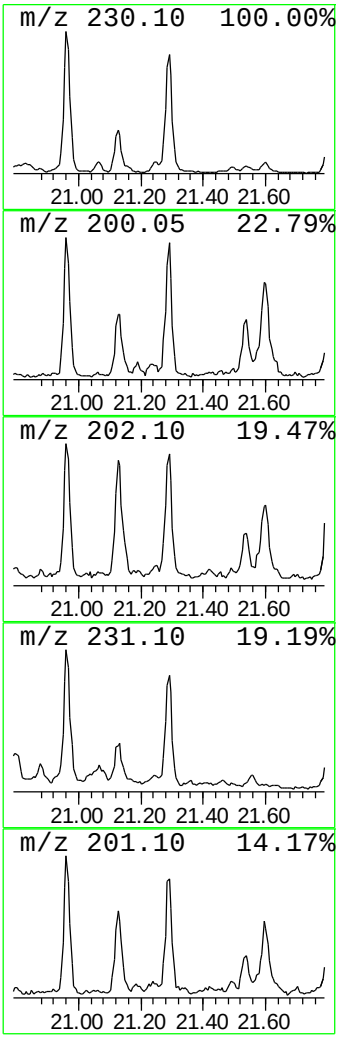
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.89 ng/ul	348215	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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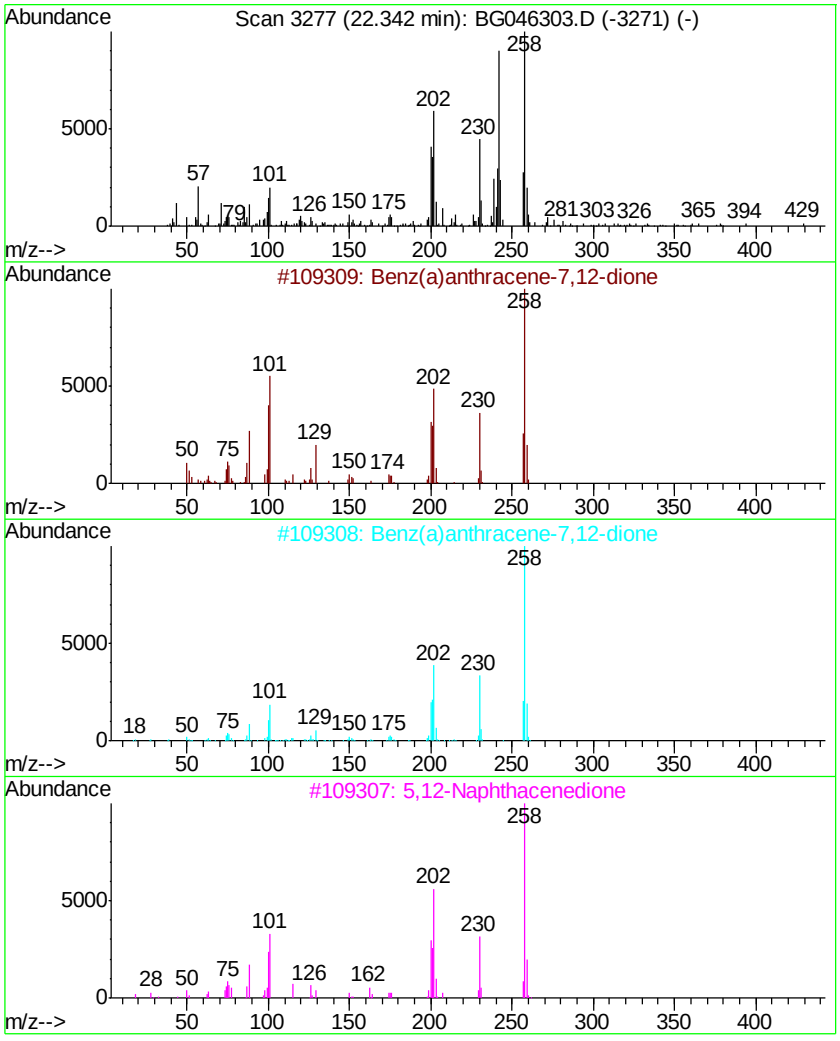
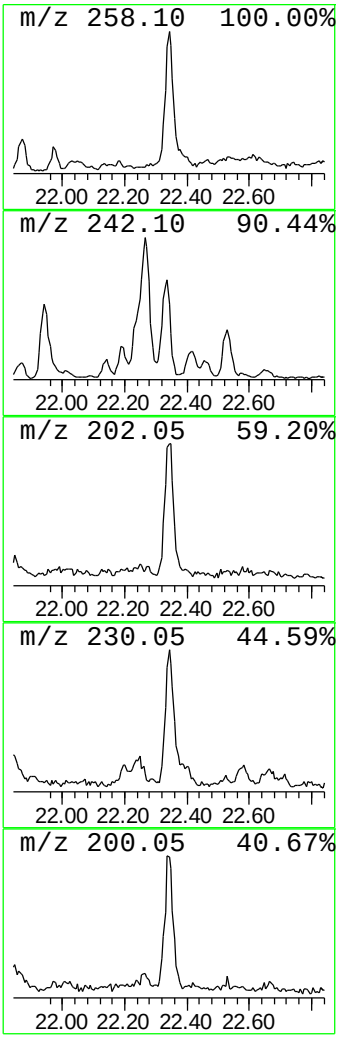
Peak Number 29 Benz(a)anthracene-7,12-dione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	3.89 ng/ul	468053	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	96
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	92
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	78
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70
5	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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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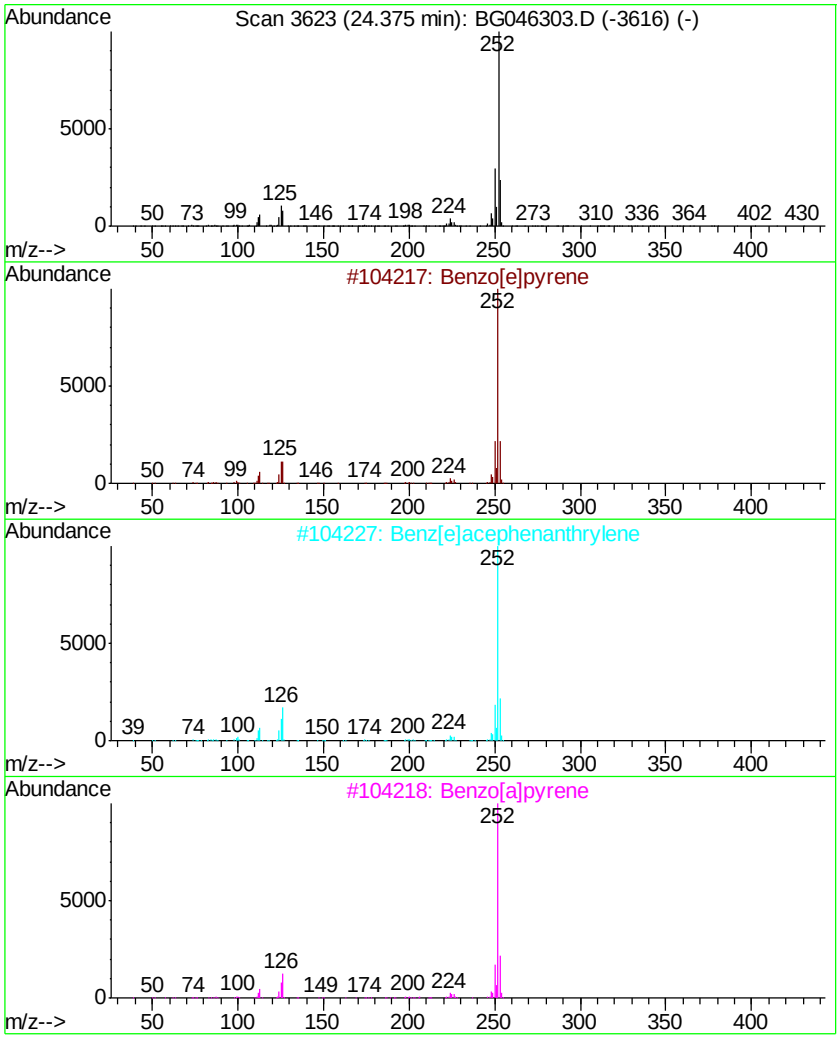
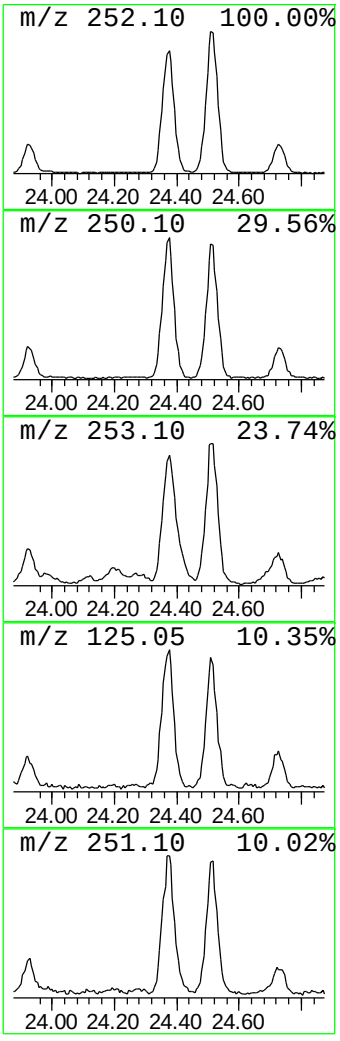
Peak Number 30 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	9.89 ng/ul	712306	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046303.D
Acq On : 17 Aug 2020 18:32
Operator : CG/JU
Sample : L3632-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM89

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...	3.14	97.5	ng/ul	1842250	1	7.94	378030	20.0
4H-Imidazol-4-one...	7.11	19.9	ng/ul	376691	1	7.94	378030	20.0
unknown-01	7.27	14.0	ng/ul	263985	1	7.94	378030	20.0
unknown-02	7.47	19.5	ng/ul	368332	1	7.94	378030	20.0
unknown-03	8.65	25.0	ng/ul	472172	1	7.94	378030	20.0
1H-Imidazole, 4-m...	9.09	18.0	ng/ul	339392	1	7.94	378030	20.0
unknown-04	9.82	10.0	ng/ul	296475	2	10.74	592630	20.0
unknown-05	10.87	14.4	ng/ul	427928	2	10.74	592630	20.0
unknown-06	13.97	16.9	ng/ul	794313	3	14.57	942731	20.0
Dimethyl phthalate	14.02	4.9	ng/ul	230696	3	14.57	942731	20.0
unknown-07	14.76	6.9	ng/ul	326642	3	14.57	942731	20.0
unknown-08	15.67	7.5	ng/ul	355383	3	14.57	942731	20.0
9H-Fluoren-9-one	16.96	2.7	ng/ul	174890	4	17.31	1284380	20.0
5H-Indeno[1,2-b]p...	17.71	2.4	ng/ul	150842	4	17.31	1284380	20.0
Phenanthrene, 1-m...	18.18	4.0	ng/ul	259099	4	17.31	1284380	20.0
Anthracene, 1-met...	18.24	5.4	ng/ul	347757	4	17.31	1284380	20.0
4H-Cyclopenta[def...	18.38	4.5	ng/ul	285679	4	17.31	1284380	20.0
Anthracene, 9-met...	18.42	2.1	ng/ul	137821	4	17.31	1284380	20.0
Naphthalene, 2-ph...	18.68	3.1	ng/ul	201806	4	17.31	1284380	20.0
9,10-Anthracenedione	18.72	6.1	ng/ul	390166	4	17.31	1284380	20.0
9,10-Dimethylanth...	19.10	3.4	ng/ul	216792	4	17.31	1284380	20.0
Cyclopenta(def)ph...	19.23	3.9	ng/ul	251955	4	17.31	1284380	20.0
Fluoranthene, 2-m...	20.05	2.5	ng/ul	305351	5	21.55	2406310	20.0
Pyrene, 1-methyl-	20.37	2.6	ng/ul	309919	5	21.55	2406310	20.0
7H-Benz[de]anthra...	20.96	3.0	ng/ul	357531	5	21.55	2406310	20.0
Benzo[b]naphtho[2...	21.14	2.9	ng/ul	345296	5	21.55	2406310	20.0
1-Heneicosyl formate	21.22	6.6	ng/ul	798103	5	21.55	2406310	20.0
11H-Benzo[a]fluor...	21.29	2.9	ng/ul	348215	5	21.55	2406310	20.0
Benz(a)anthracene...	22.34	3.9	ng/ul	468053	5	21.55	2406310	20.0
Benzo[e]pyrene	24.38	9.9	ng/ul	712306	6	24.66	1441060	20.0