LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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	5	9	35	rVB	1390565	2404823	68.73%	5.311%
2	3.916	136	141	148	rVV	23363	36096	1.03%	0.080%
3	7.107	678	684	695	rBV	81759	150967	4.31%	0.333%
4	7.265	702	711	720	rBV	73514	124596	3.56%	0.275%
5	7.477	740	747	756	rBV2	87357	155686	4.45%	0.344%
6	7.941	819	826	835	rBV	270542	452161	12.92%	0.999%
7	8.646	939	946	955	rBV	96629	172016	4.92%	0.380%
8	9.093	1015	1022	1031	rBV	84803	148854	4.25%	0.329%
9	9.815	1138	1145	1154	rBV	68026	122551	3.50%	0.271%
10	10.362	1229	1238	1252	rBV	101187	200514	5.73%	0.443%
11	10.738	1290	1302	1307	rBV	367753	669981	19.15%	1.480%
12	10.785	1307	1310	1317	rVB	46808	77524	2.22%	0.171%
13	10.867	1317	1324	1333	rBV	66686	136249	3.89%	0.301%
14	12.395	1576	1584	1594	rVB	23974	42288	1.21%	0.093%
15	12.612	1615	1621	1629	rVB	20318	35146	1.00%	0.078%
16	13.887	1832	1838	1844	rBV3	18030	33634	0.96%	0.074%
17	13.969	1844	1852	1857	rVV	223877	348770	9.97%	0.770%
18	14.016	1857	1860	1866	rVB	73338	98954	2.83%	0.219%
19	14.257	1894	1901	1922	rBV2	257705	479607	13.71%	1.059%
20	14.568	1945	1954	1960	rVV2	614116	968550	27.68%	2.139%
21	14.627	1960	1964	1972	rVV	62832	101876	2.91%	0.225%
22	14.768	1982	1988	2001	rVV2	37867	86742	2.48%	0.192%
23	14.968	2016	2022	2029	rVV	67927	111936	3.20%	0.247%
24	15.556	2114	2122	2127	rVV	355614	543285	15.53%	1.200%
25	15.614	2127	2132	2138	rVV	93740	149100	4.26%	0.329%
26	15.673	2138	2142	2150	rVV	53836	102222	2.92%	0.226%
27	15.908	2178	2182	2191	rVB	37250	61567	1.76%	0.136%
28	16.055	2201	2207	2215	rVV2	40837	84661	2.42%	0.187%
29	16.284	2237	2246	2254	rBV9	16030	36840	1.05%	0.081%
30	16.590	2291	2298	2300	rBV3	19683	39653	1.13%	0.088%
31	16.619	2300	2303	2308	rVB3	20084	31042	0.89%	0.069%
32	16.848	2333	2342	2346	rBV3	28201	58512	1.67%	0.129%
33	16.960	2356	2361	2369	rVB	109370	173997	4.97%	0.384%
34	17.042	2370	2375	2377	rBV2	29387	43421	1.24%	0.096%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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	17.130	2385	2390	2399	rVB	71605	120142	3.43%	0.265%
36	17.312	2414	2421	2424	rBV	767271	1210170	34.59%	2.673%
37	17.353	2424	2428	2433	rVV	1416381	2021060	57.77%	4.463%
38	17.406	2433	2437	2441	rVV	388461	630294	18.01%	1.392%
39	17.442	2441	2443	2449	rVV	202339	250114	7.15%	0.552%
40	17.500	2449	2453	2459	rVB2	32086	50107	1.43%	0.111%
41	17.706	2479	2488	2493	rBV2	151839	284296	8.13%	0.628%
42	17.829	2505	2509	2514	rVB2	27268	40743	1.16%	0.090%
43	17.888	2515	2519	2524	rVB3	34265	46604	1.33%	0.103%
44	18.188	2560	2570	2574	rBV	207208	354566	10.13%	0.783%
45	18.235	2574	2578	2586	rVB	298367	441426	12.62%	0.975%
46	18.311	2586	2591	2596	rVB2	70904	115352	3.30%	0.255%
47	18.382	2596	2603	2607	rBV2	255850	496559	14.19%	1.097%
48	18.417	2607	2609	2616	rVB	140849	170274	4.87%	0.376%
49	18.529	2625	2628	2633	rVB3	21464	31883	0.91%	0.070%
50	18.681	2649	2654	2657	rVV	189597	258279	7.38%	0.570%
51	18.722	2657	2661	2666	rVB	244396	353000	10.09%	0.780%
52	18.805	2672	2675	2682	rBV3	21941	37138	1.06%	0.082%
53	18.928	2692	2696	2700	rVB2	58090	73694	2.11%	0.163%
54	18.981	2701	2705	2708	rBV	47858	55617	1.59%	0.123%
55	19.016	2708	2711	2716	rVB2	59042	82954	2.37%	0.183%
56	19.098	2716	2725	2730	rBV	162328	306012	8.75%	0.676%
57	19.163	2730	2736	2739	rVV3	55217	115026	3.29%	0.254%
58	19.192	2739	2741	2744	rVB	46490	46724	1.34%	0.103%
59	19.239	2744	2749	2757	rVB	167925	272979	7.80%	0.603%
60	19.363	2757	2770	2776	rBV	2392671	3498734	100.00%	7.727%
61	19.427	2776	2781	2783	rBV	49606	67339	1.92%	0.149%
62	19.457	2783	2786	2791	rVB2	66456	97972	2.80%	0.216%
63	19.510	2791	2795	2798	rBV2	55336	74472	2.13%	0.164%
64	19.557	2798	2803	2806	rBV	65231	98300	2.81%	0.217%
65	19.604	2808	2811	2815	rVB	62761	77341	2.21%	0.171%
66	19.692	2820	2826	2828	rVV2	852808	1248084	35.67%	2.756%
67	19.721	2828	2831	2839	rVV	1852894	2709454	77.44%	5.984%
68	19.792	2839	2843	2850	rVB2	124185	219239	6.27%	0.484%
69	19.898	2856	2861	2867	rBV	150372	227323	6.50%	0.502%
70	19.956	2867	2871	2879	rVB	108412	170805	4.88%	0.377%
71	20.044	2879	2886	2892	rBV2	201103	557606	15.94%	1.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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	20.185	2905	2910	2911	rBV3	116476	189676	5.42%	0.419%
73	20.215	2911	2915	2919	rVB	292647	410171	11.72%	0.906%
74	20.315	2928	2932	2935	rBV	130918	177156	5.06%	0.391%
75	20.368	2935	2941	2946	rVV2	243979	452113	12.92%	0.998%
76	20.409	2946	2948	2952	rVB	61251	65351	1.87%	0.144%
77	20.450	2952	2955	2960	rVB2	51125	76251	2.18%	0.168%
78	20.514	2962	2966	2969	rBV2	114826	148355	4.24%	0.328%
79	20.556	2969	2973	2977	rVV2	121005	175165	5.01%	0.387%
80	20.767	3006	3009	3012	rBV4	40060	63617	1.82%	0.140%
81	20.802	3012	3015	3018	rVB3	46823	64059	1.83%	0.141%
82	20.967	3038	3043	3050	rVB	348428	555184	15.87%	1.226%
83	21.143	3066	3073	3077	rBV2	236719	545297	15.59%	1.204%
84	21.190	3077	3081	3084	rVV	240983	366976	10.49%	0.810%
85	21.231	3084	3088	3094	rVV3	287780	645467	18.45%	1.425%
86	21.290	3094	3098	3107	rVB	356471	596701	17.05%	1.318%
87	21.543	3135	3141	3147	rBV3	1488802	3475177	99.33%	7.675%
88	21.601	3147	3151	3164	rVB	1134421	2050258	58.60%	4.528%
89	21.754	3173	3177	3182	rBV4	107098	234001	6.69%	0.517%
90	21.948	3205	3210	3217	rBV2	146276	334645	9.56%	0.739%
91	22.271	3260	3265	3271	rVB	188727	340324	9.73%	0.752%
92	22.342	3272	3277	3286	rVB4	140449	301962	8.63%	0.667%
93	22.530	3305	3309	3313	rBV	91471	143327	4.10%	0.317%
94	23.687	3497	3506	3513	rBV2	821503	2688048	76.83%	5.936%
95	23.928	3542	3547	3555	rVB	143002	304488	8.70%	0.672%
96	24.375	3616	3623	3630	rBV	364718	892473	25.51%	1.971%
97	24.445	3632	3635	3640	rVV	156372	317980	9.09%	0.702%
98	24.516	3641	3647	3660	rVB	573571	1508610	43.12%	3.332%
99	24.663	3663	3672	3679	rBV2	505400	1408532	40.26%	3.111%
100	28.176	4259	4270	4291	rVB3	261674	1354228	38.71%	2.991%

Sum of corrected areas: 45281095

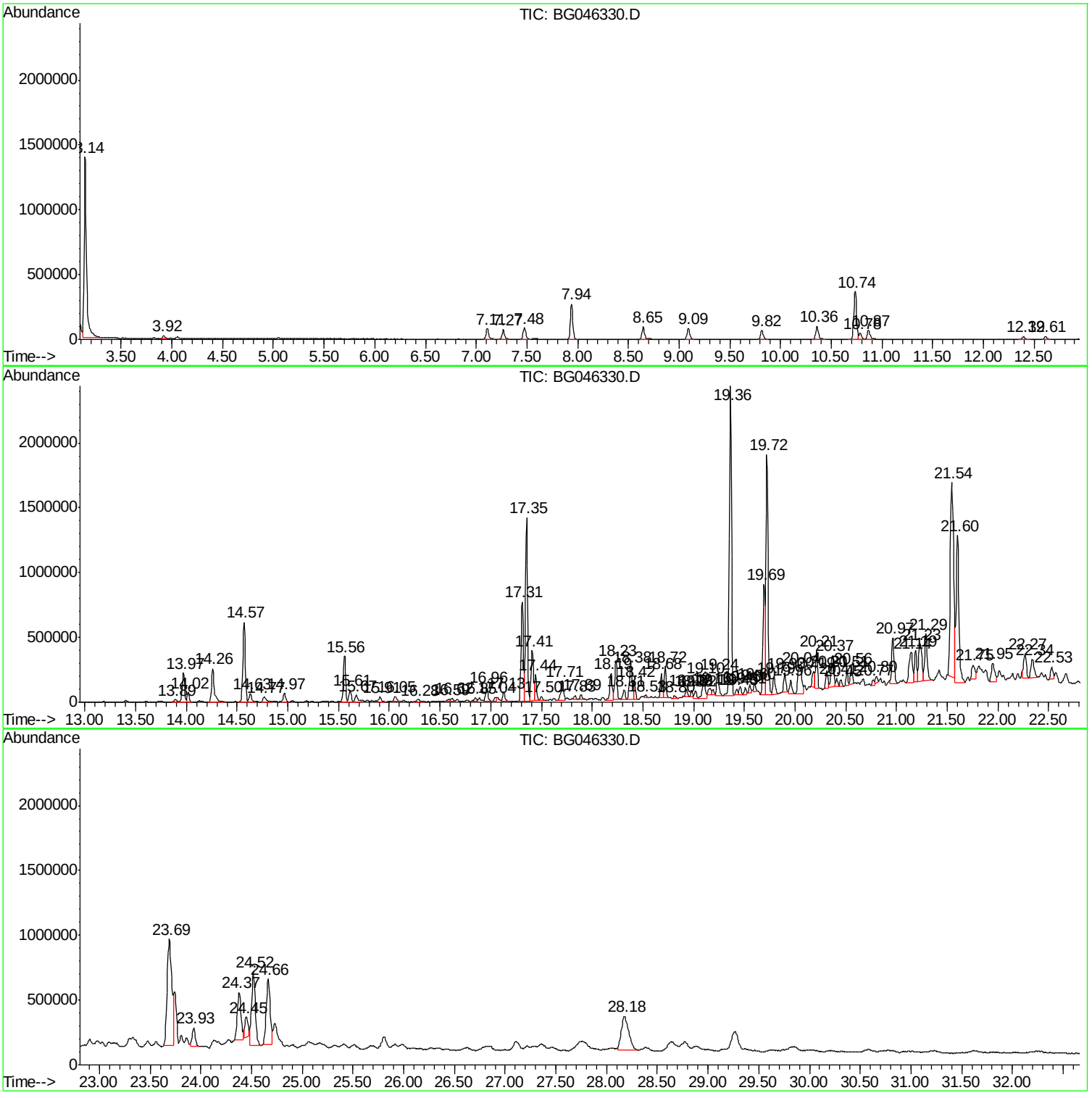
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

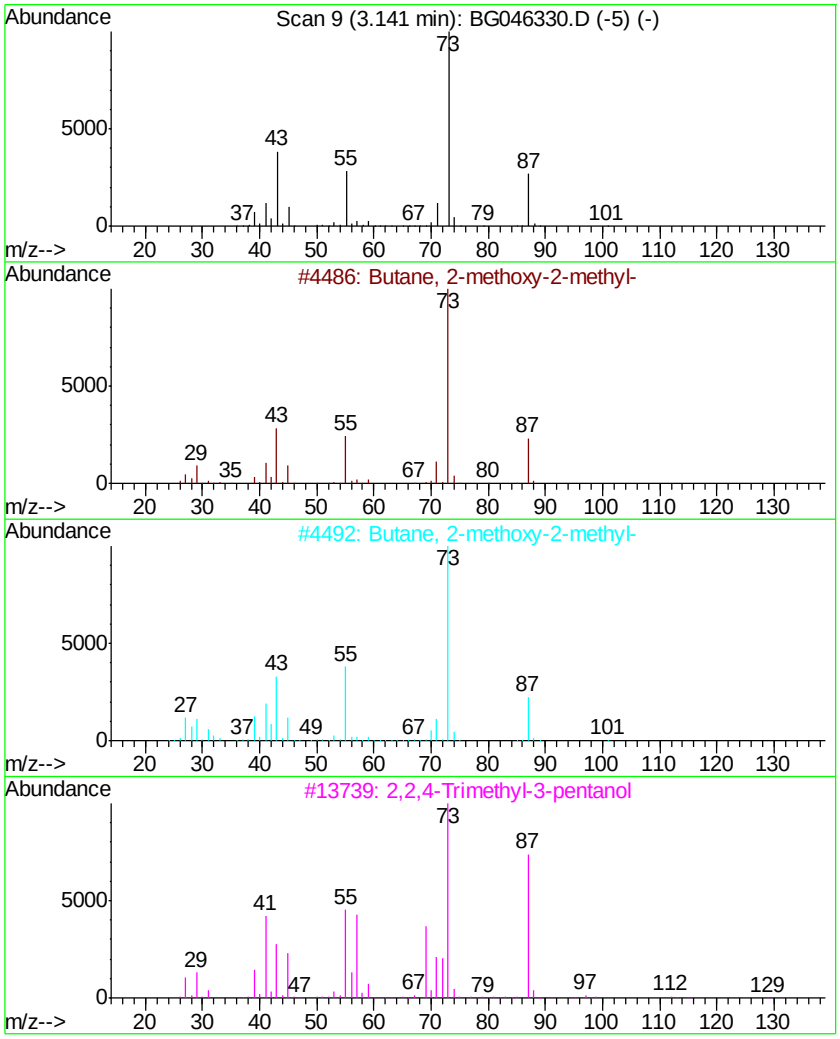
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

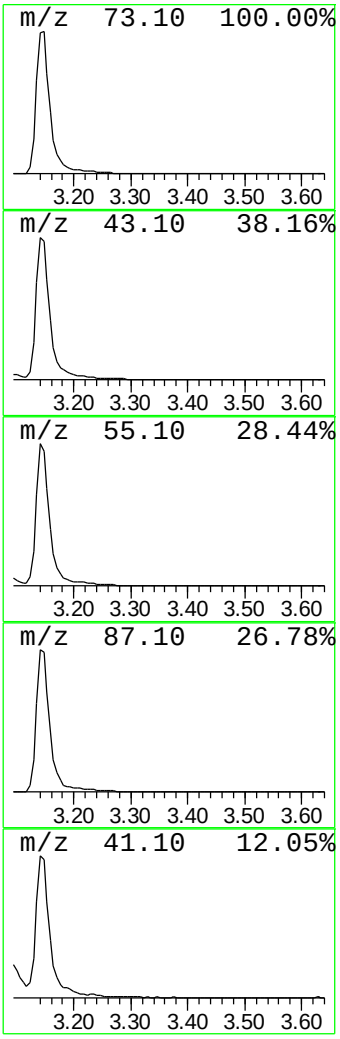
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	106.37 ng/ul	2404820	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

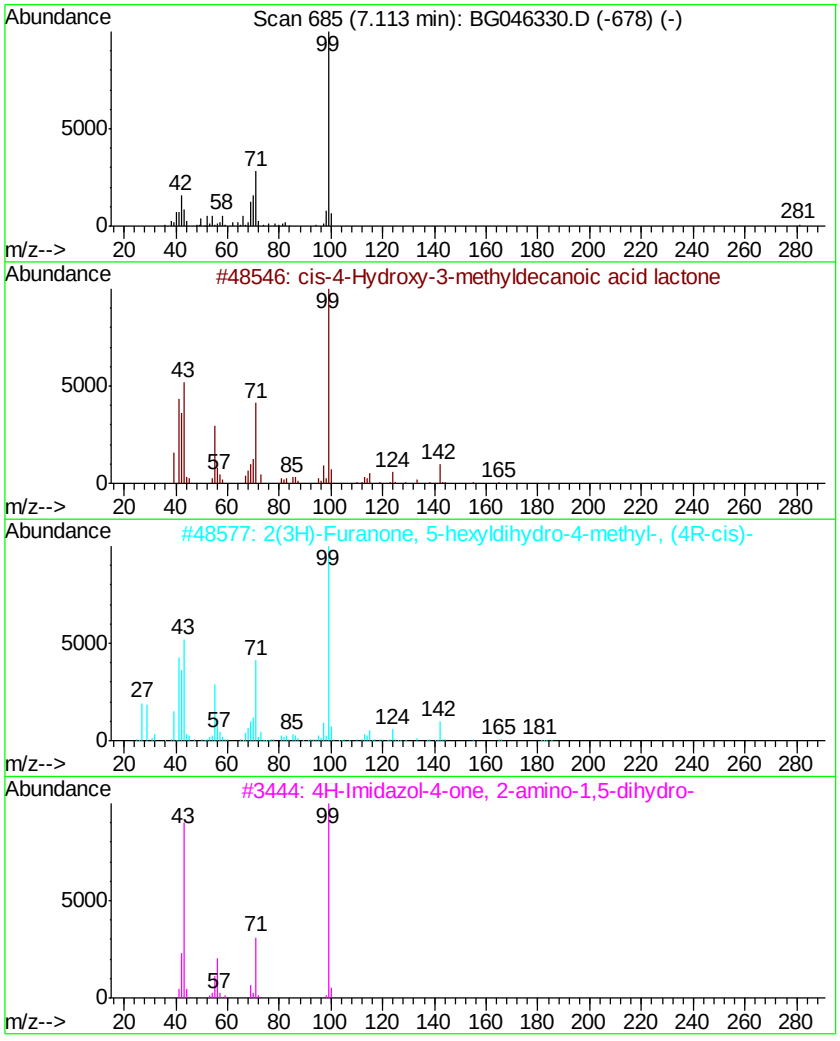
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

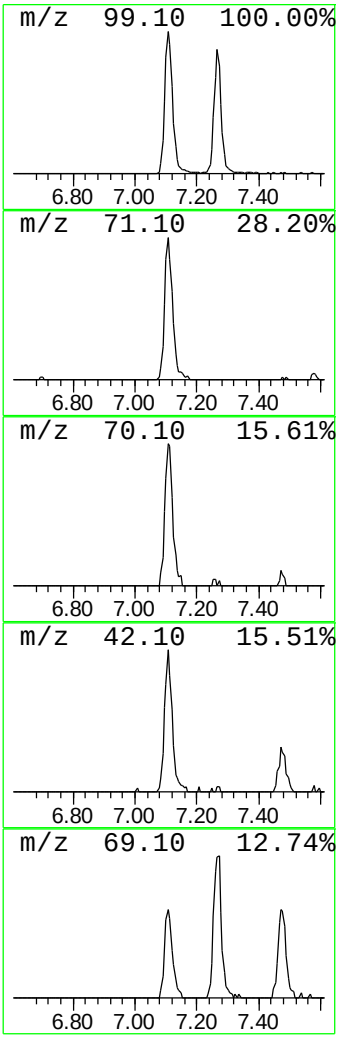
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 cis-4-Hydroxy-3-methyldecan... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	6.68 ng/ul	150967	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
2	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

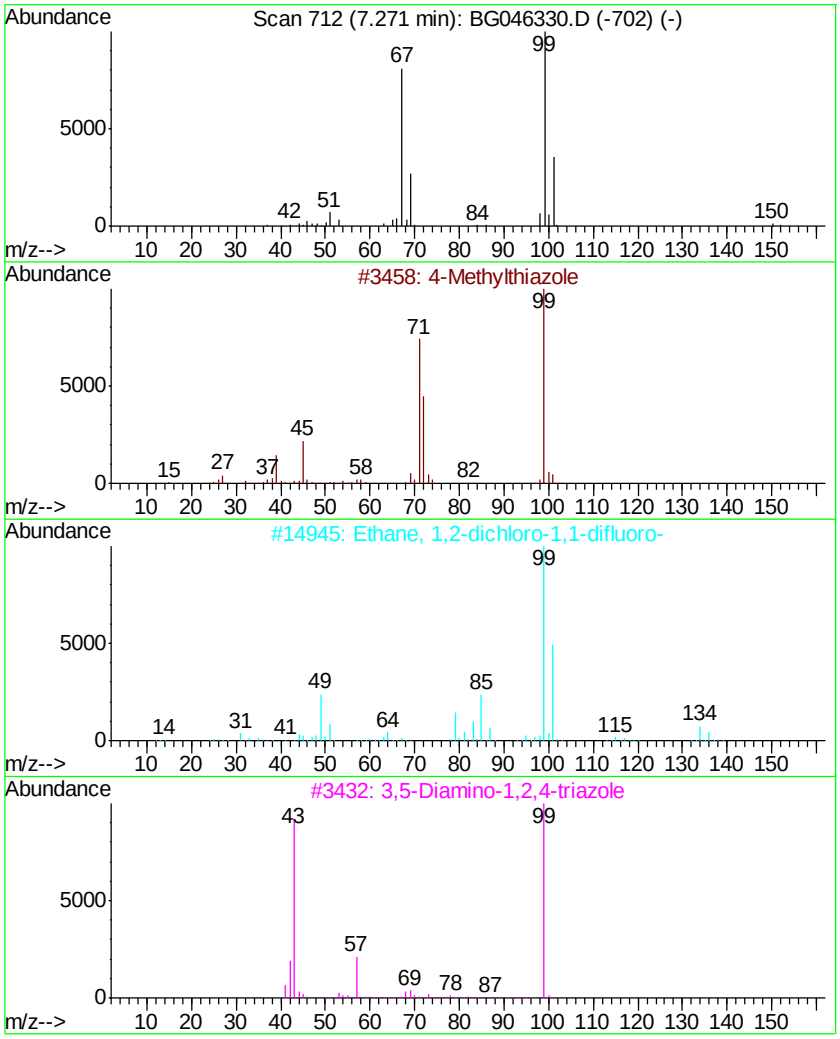
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

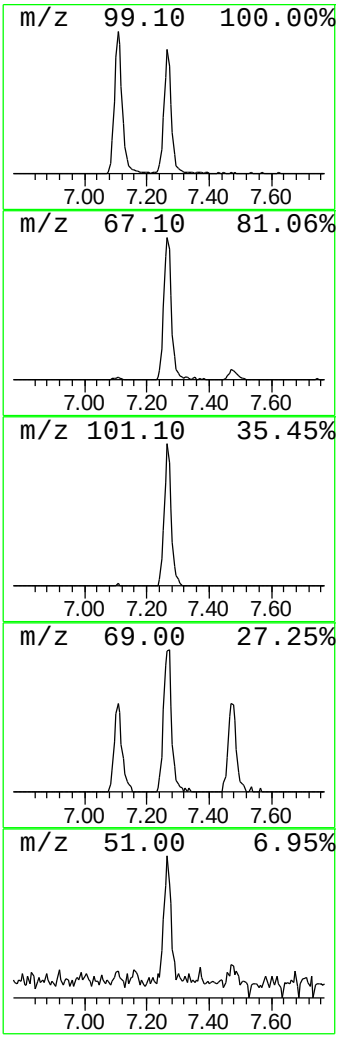
****

Peak Number 3 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	5.51 ng/ul	124596	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthiazole	99	C4H5NS	000693-95-8	9
2	Ethane, 1,2-dichloro-1,1-difluoro-	134	C2H2Cl2F2	001649-08-7	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

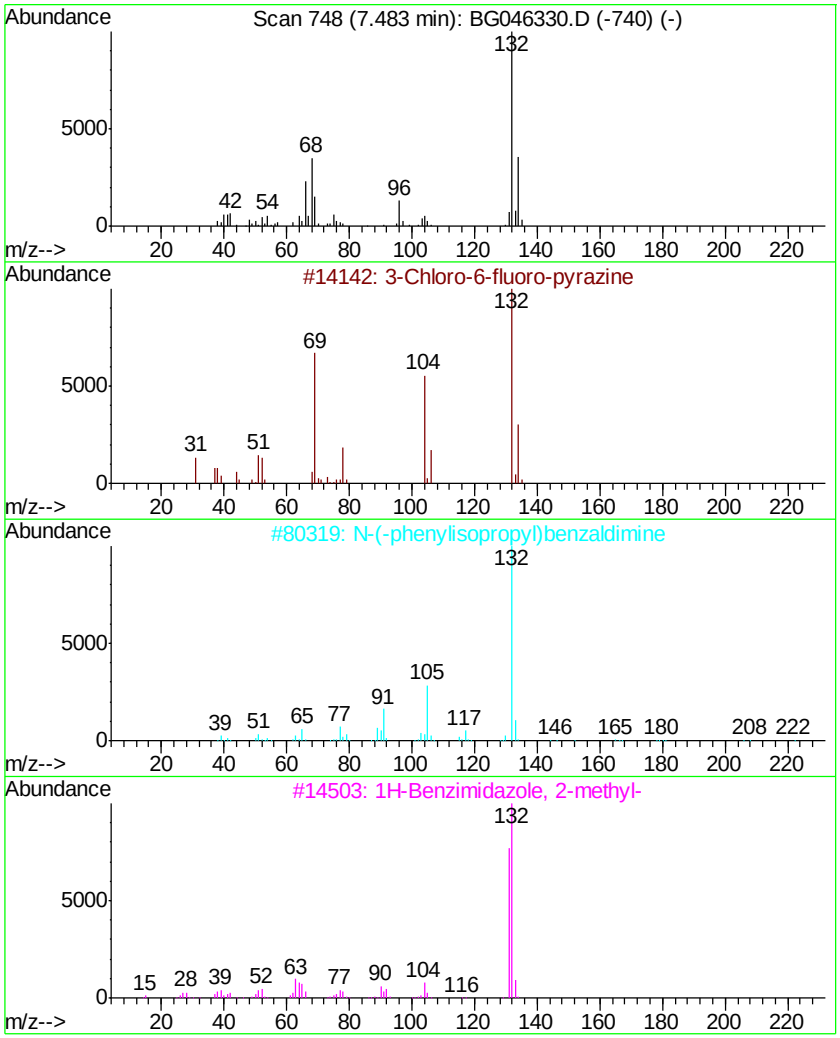
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

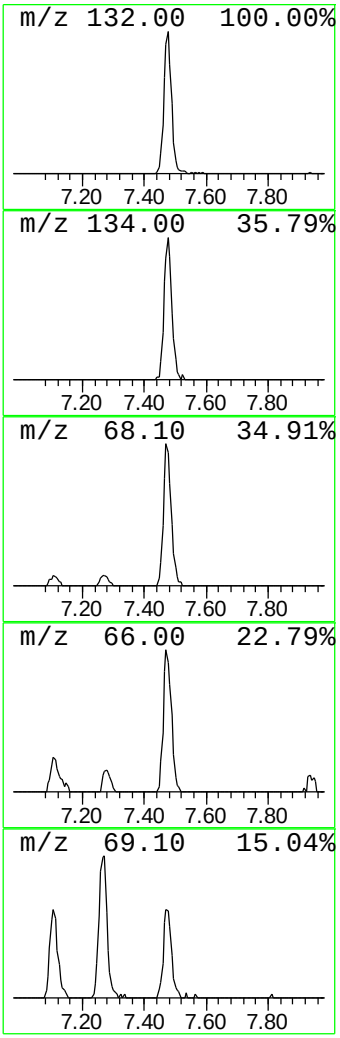
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	6.89 ng/ul	155686	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	35
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

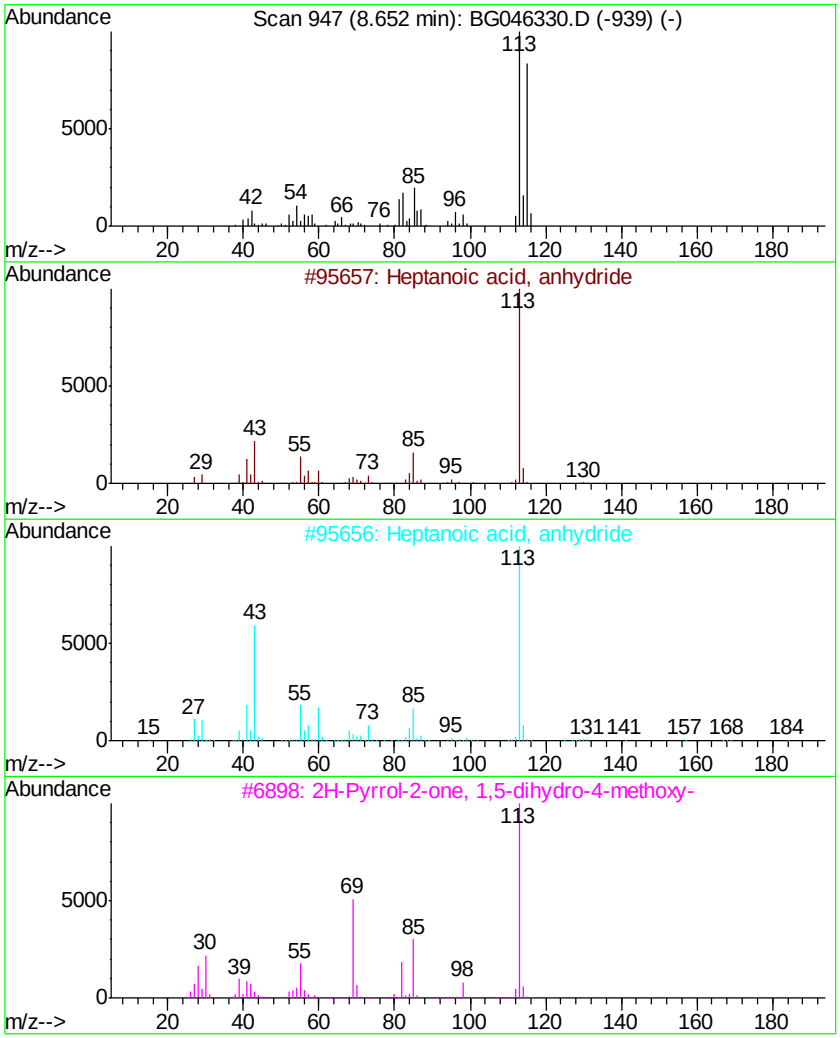
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

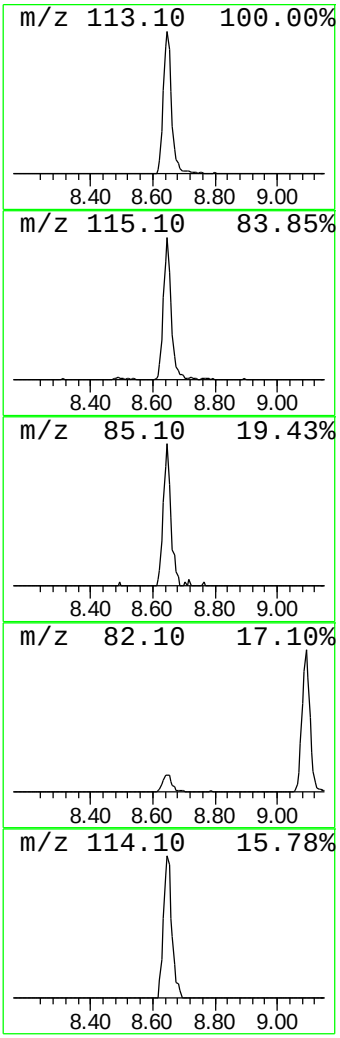
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	7.61 ng/ul	172016	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	23
4	Phosphonofluoridic acid, ethyl-,...	252	C12H26FO2P	333416-08-3	22
5	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	17





Library Search Compound Report

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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

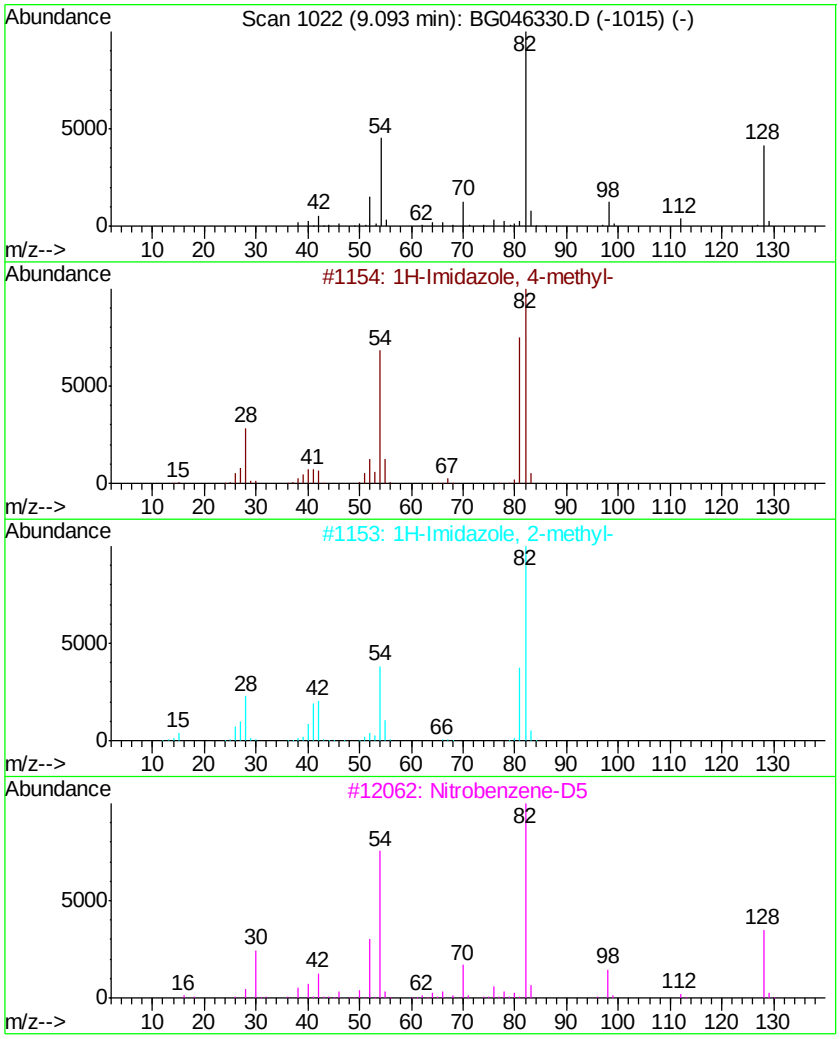
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

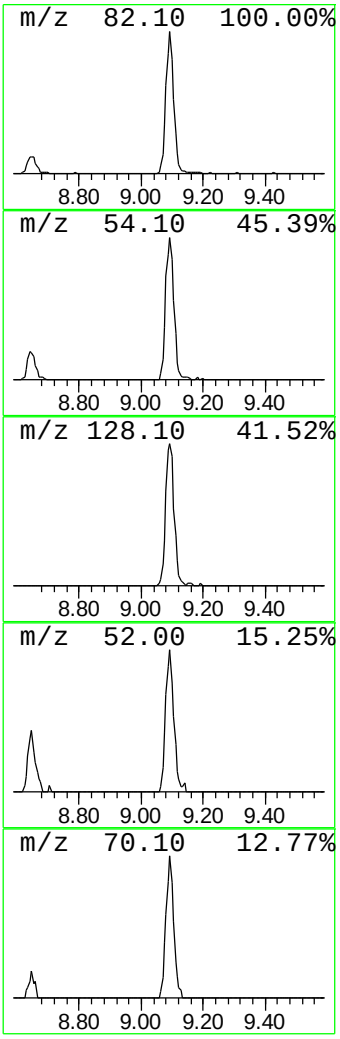
****

Peak Number 6 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	6.58 ng/ul	148854	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
2	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	25





Library Search Compound Report

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Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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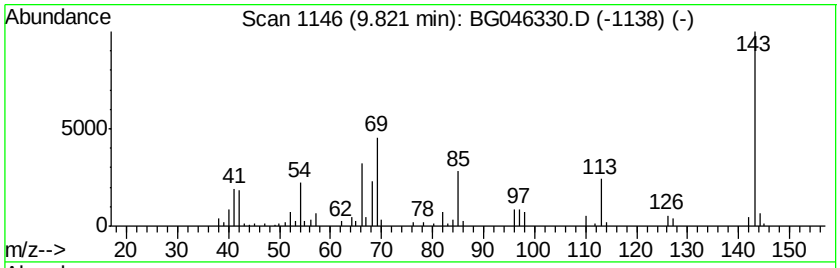
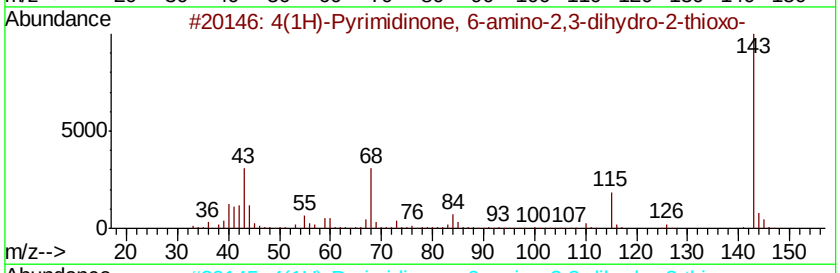
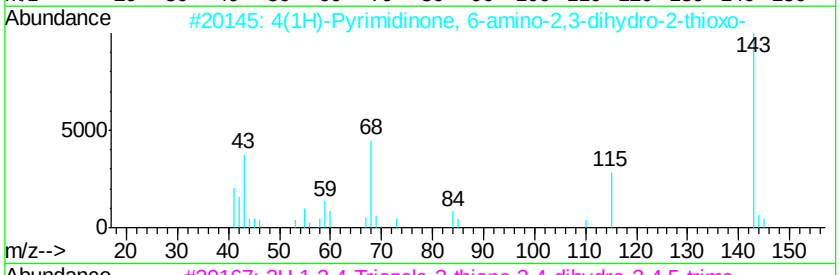
Peak Number 7 unknown-05 Concentration Rank 20

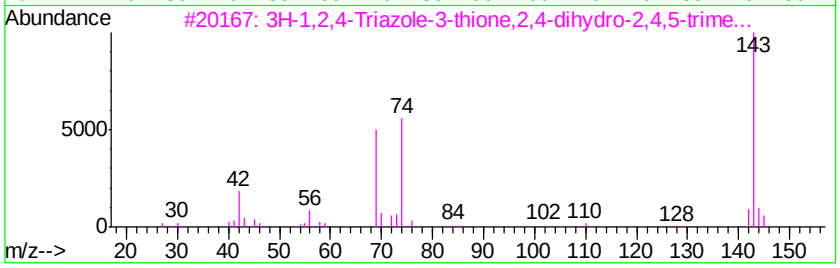
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.66 ng/ul	122551	Naphthalene-d8	10.74

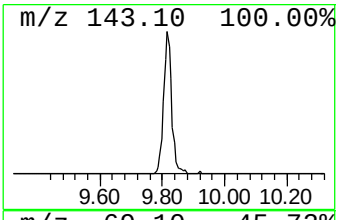
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
2	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	10
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	9
5	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	9

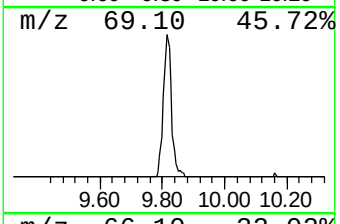


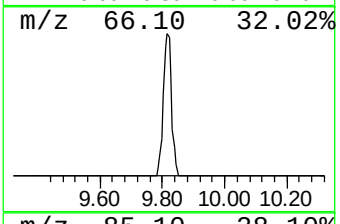


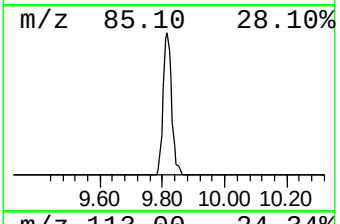


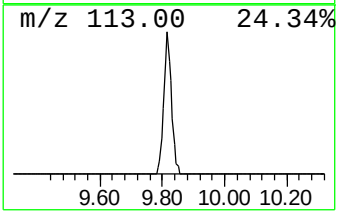












Library Search Compound Report

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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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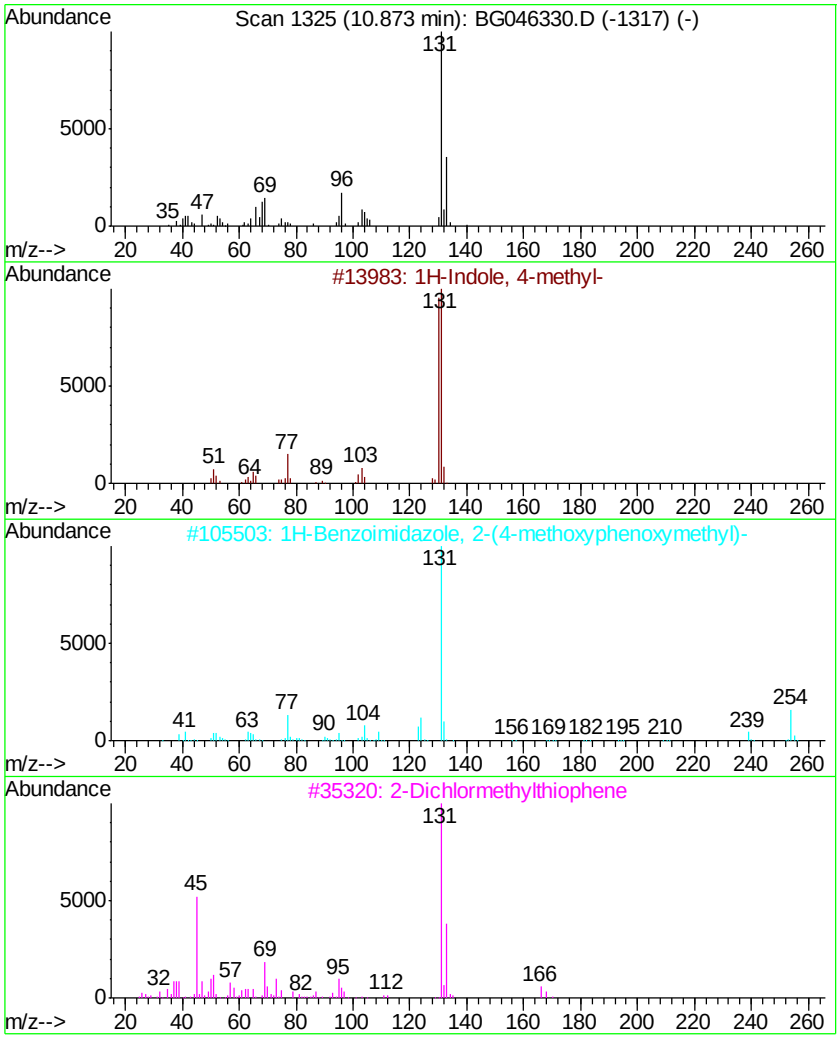
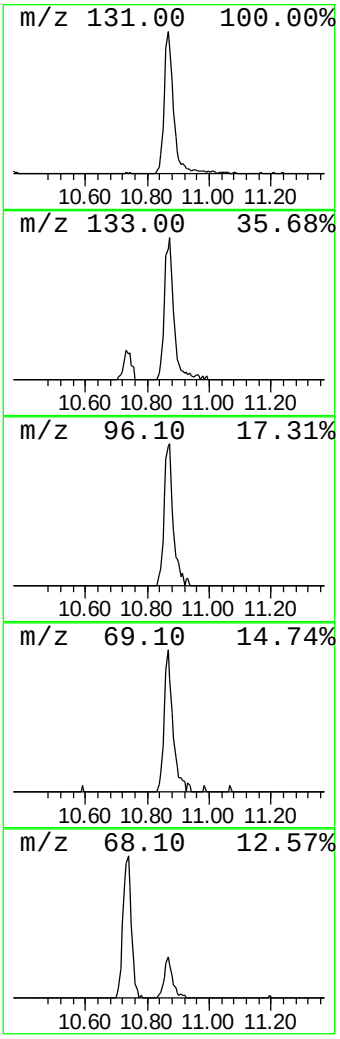
Peak Number 8 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.07 ng/ul	136249	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	43
2	1H-Benzoimidazole, 2-(4-methoxyp...	254	C15H14N2O2	1000303-90-9	40
3	2-Dichlormethylthiophene	166	C5H4Cl2S	036953-55-6	39
4	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	37
5	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	28





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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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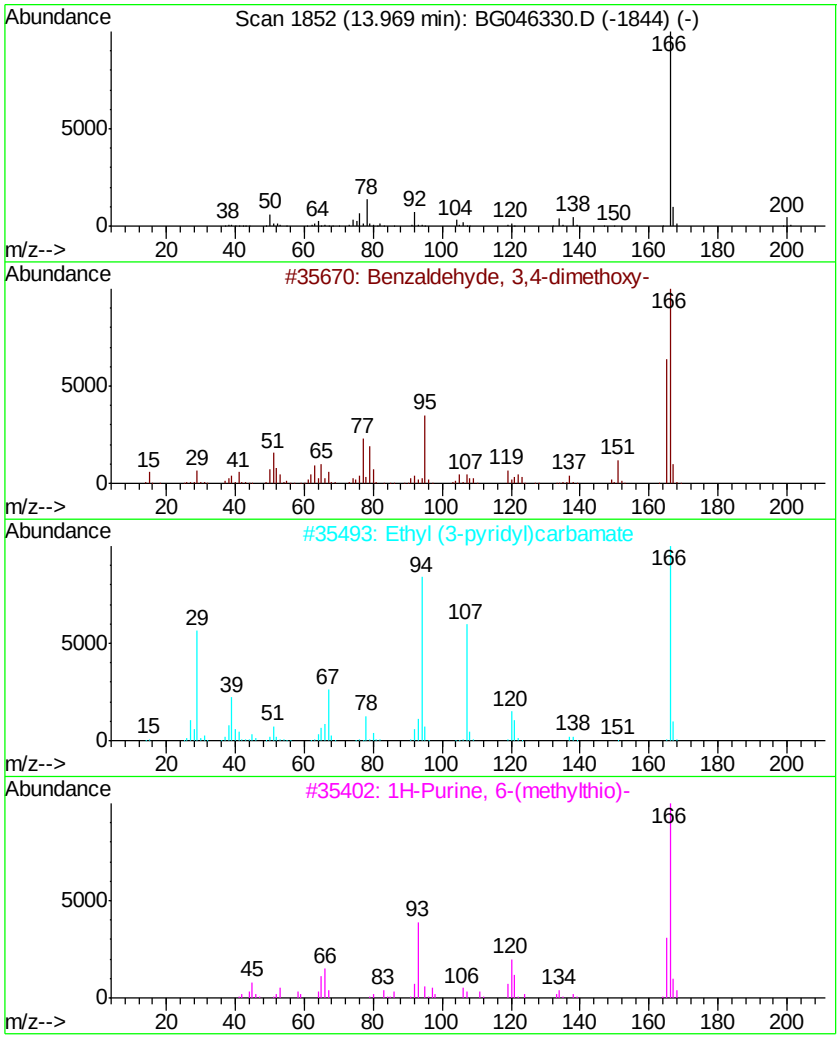
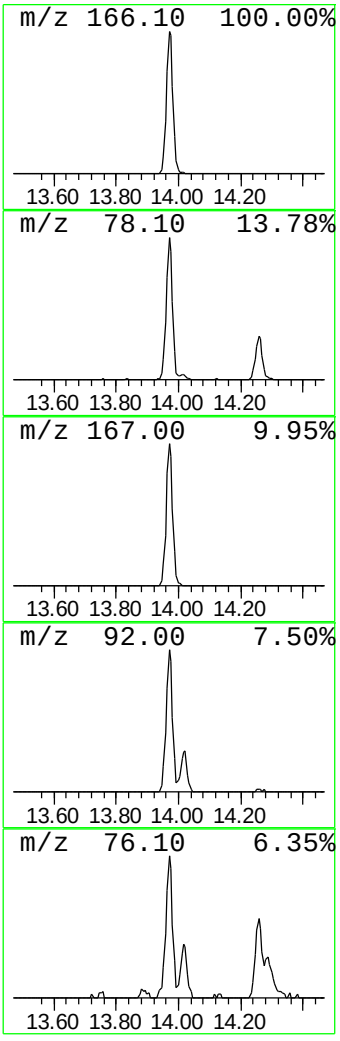
Peak Number 9 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.20 ng/ul	348770	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





Library Search Compound Report

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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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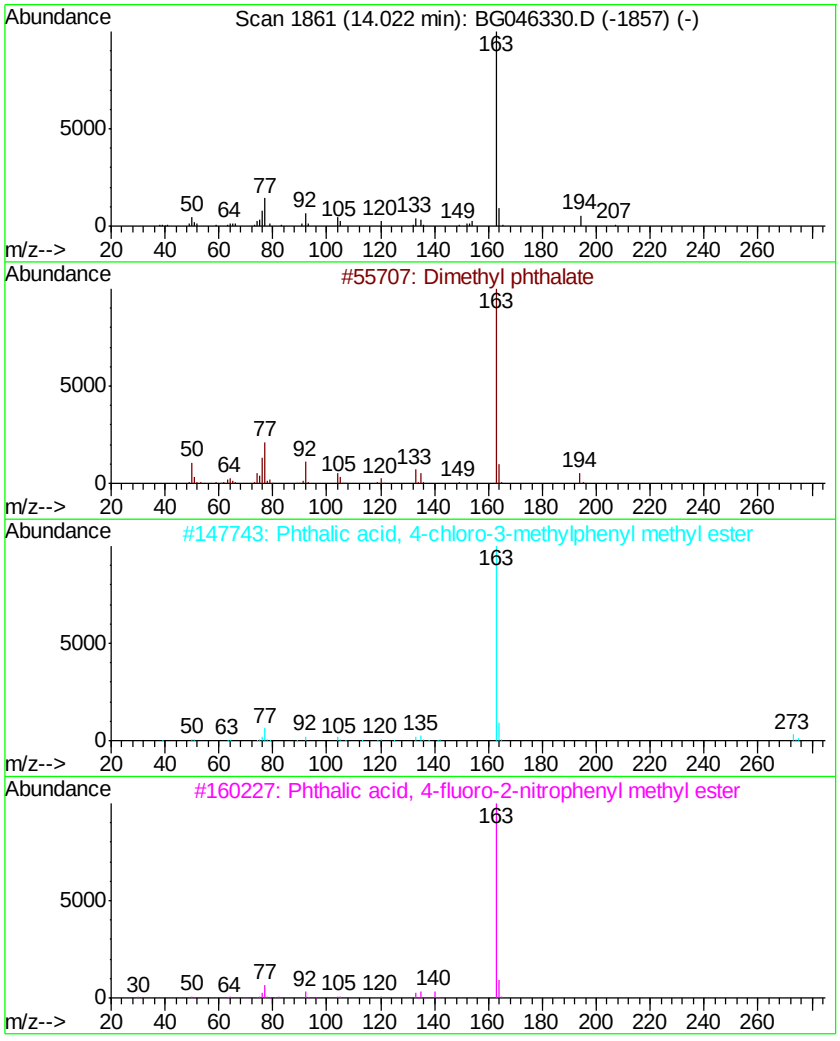
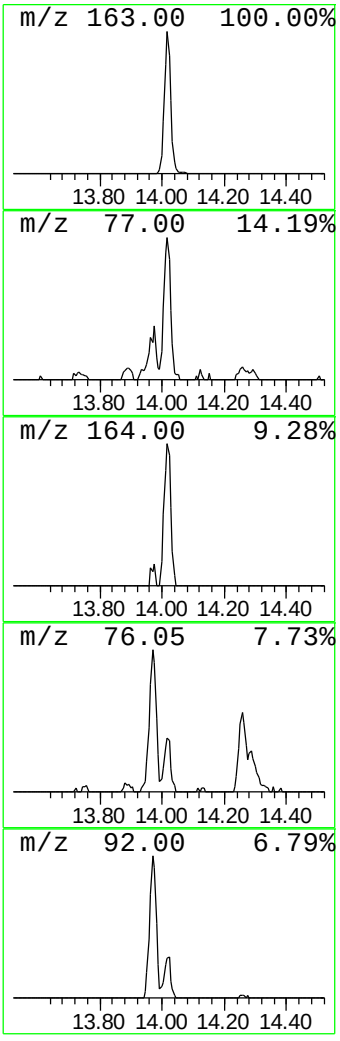
Peak Number 10 Dimethyl phthalate Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.04 ng/ul	98954	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	83
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	83
4	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	83
5	2-Methoxyethyl methyl phthalate	238	C12H14O5	1000373-89-4	83





Library Search Compound Report

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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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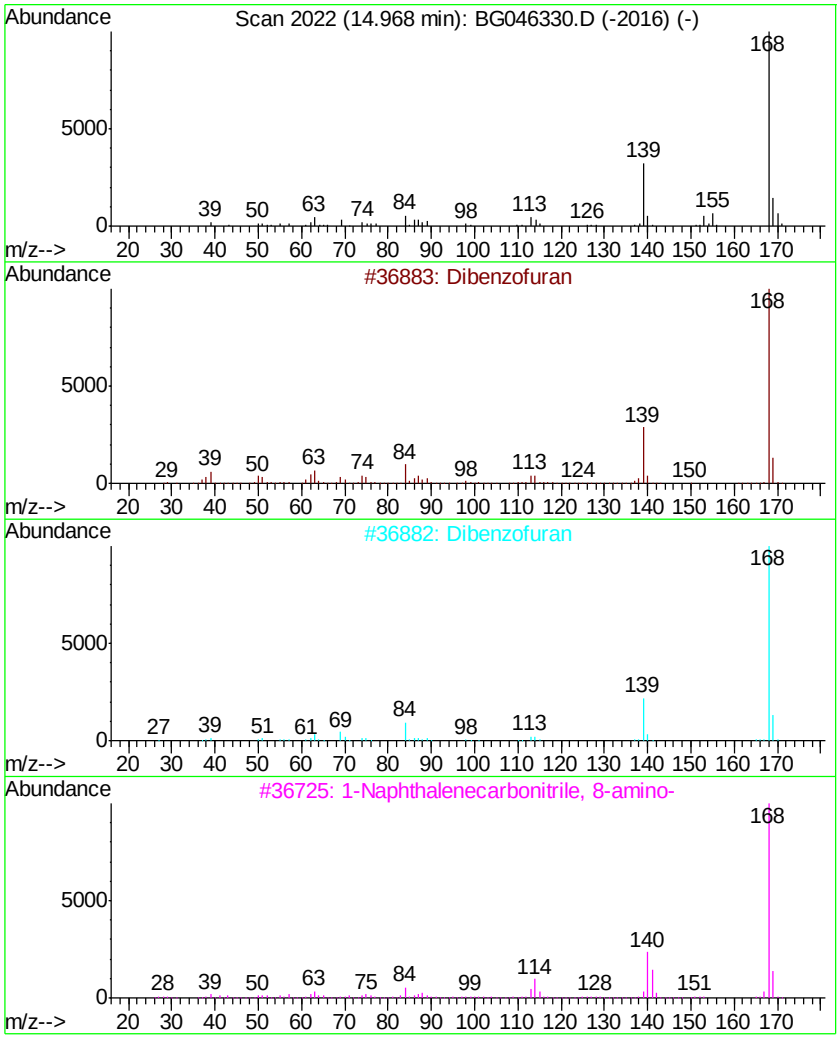
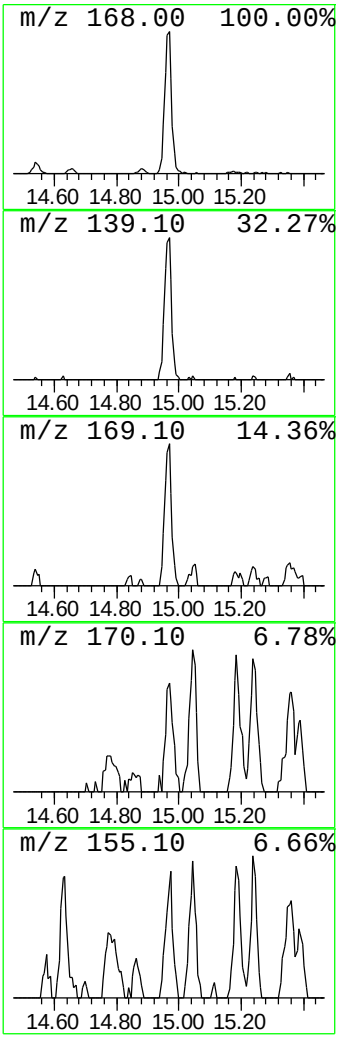
Peak Number 11 Dibenzofuran Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.31 ng/ul	111936	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	83
3	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53





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Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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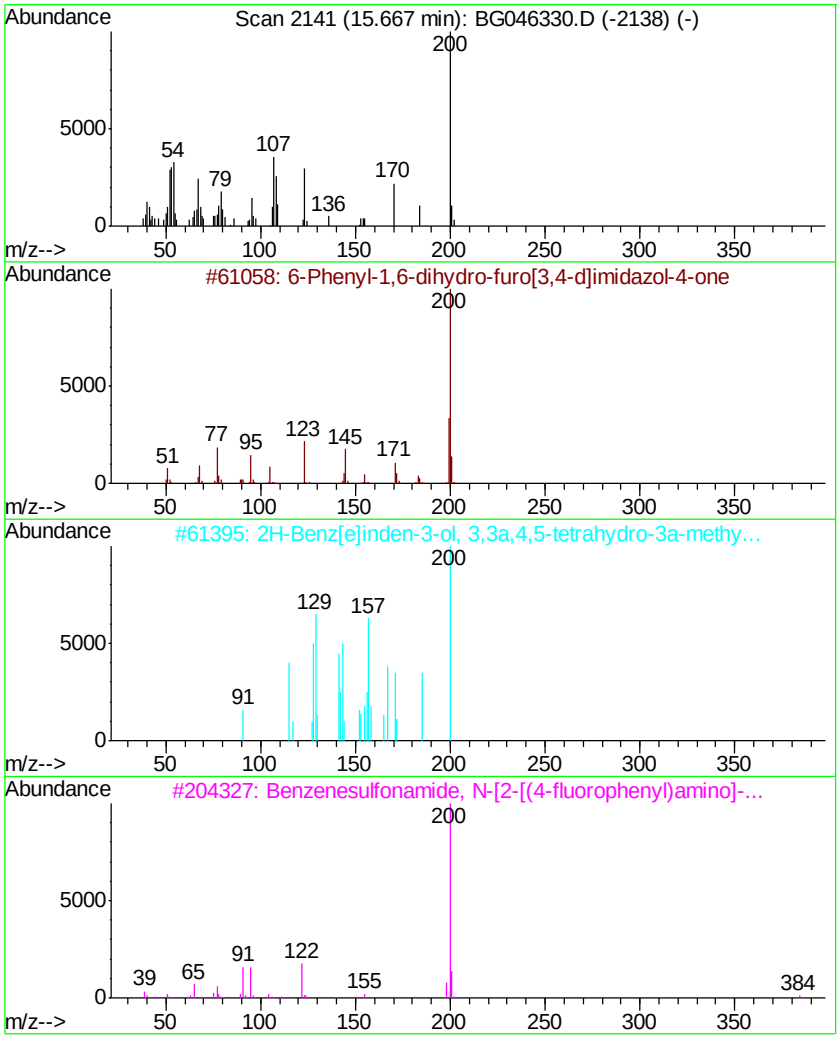
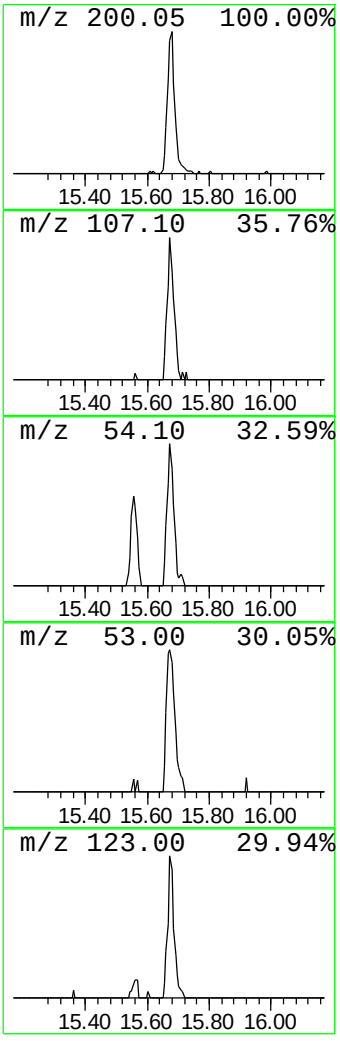
Peak Number 12 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.11 ng/ul	102222	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	22
2	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	14
3	Benzenesulfonamide, N-[2-[(4-flu...	384	C21H21FN2O2S	1000319-67-4	14
4	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	12
5	Sulfamerazine	264	C11H12N4O2S	000127-79-7	10





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Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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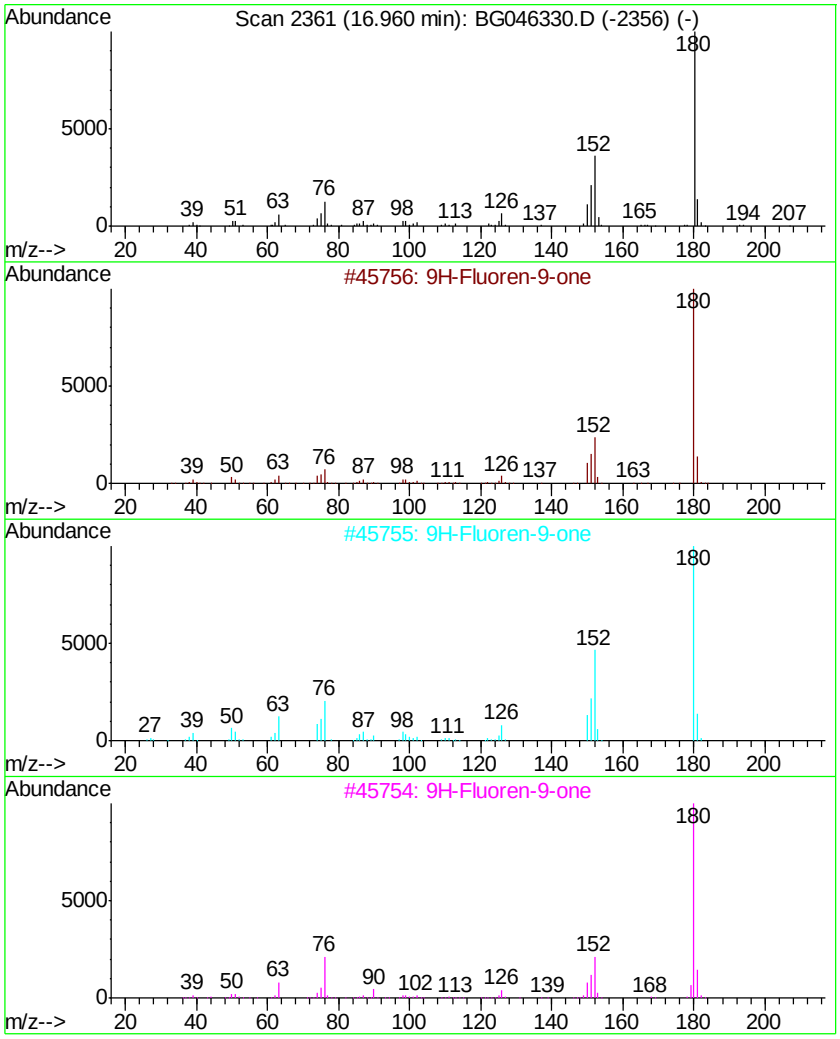
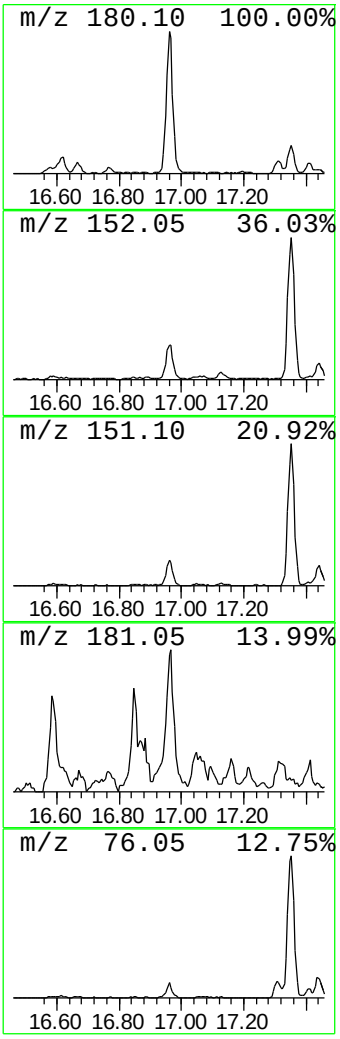
Peak Number 13 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.88 ng/ul	173997	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	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78





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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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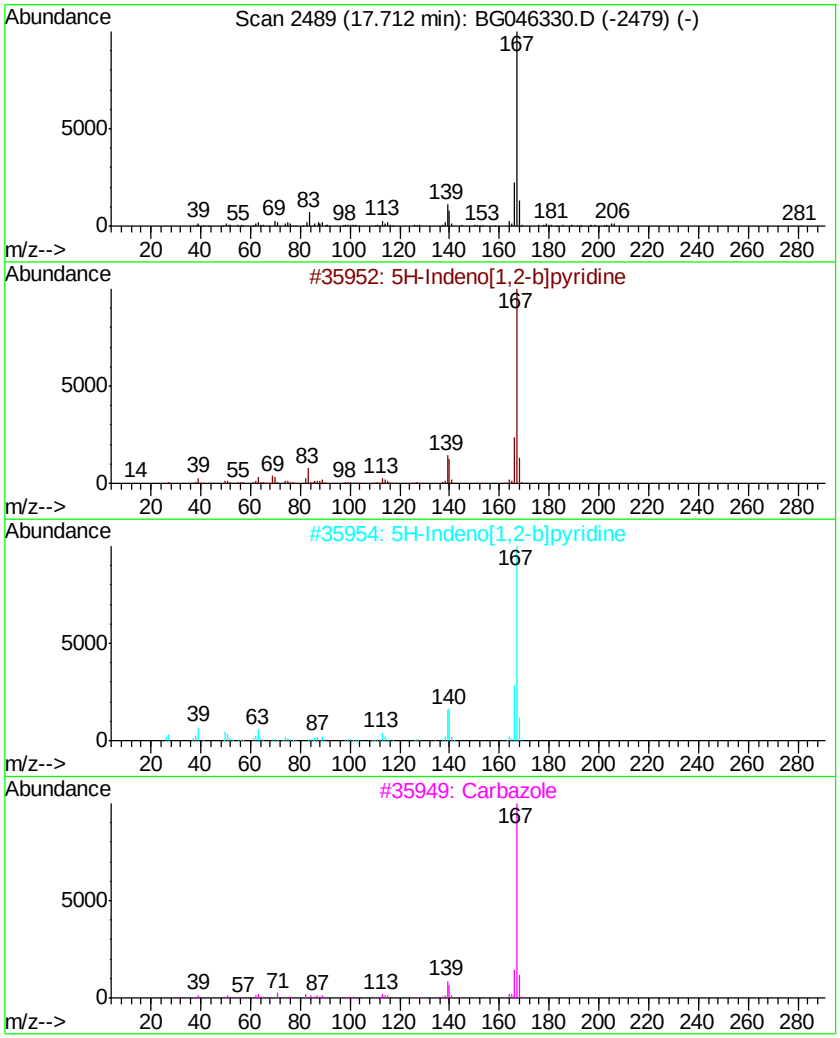
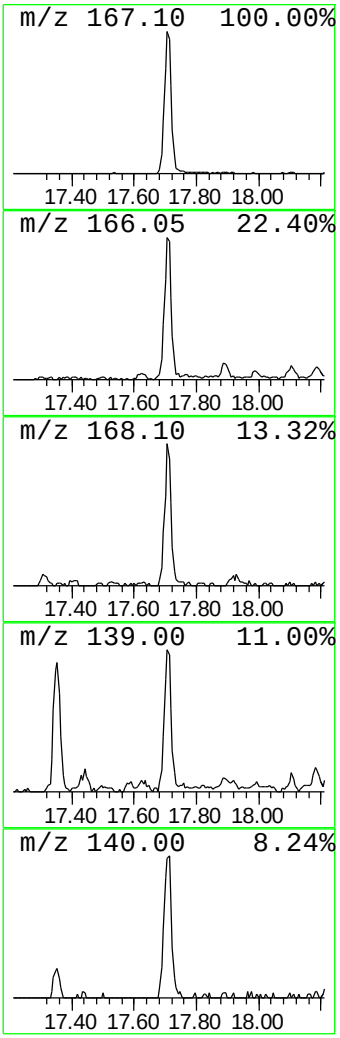
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	4.70 ng/ul	284296	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	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





Library Search Compound Report

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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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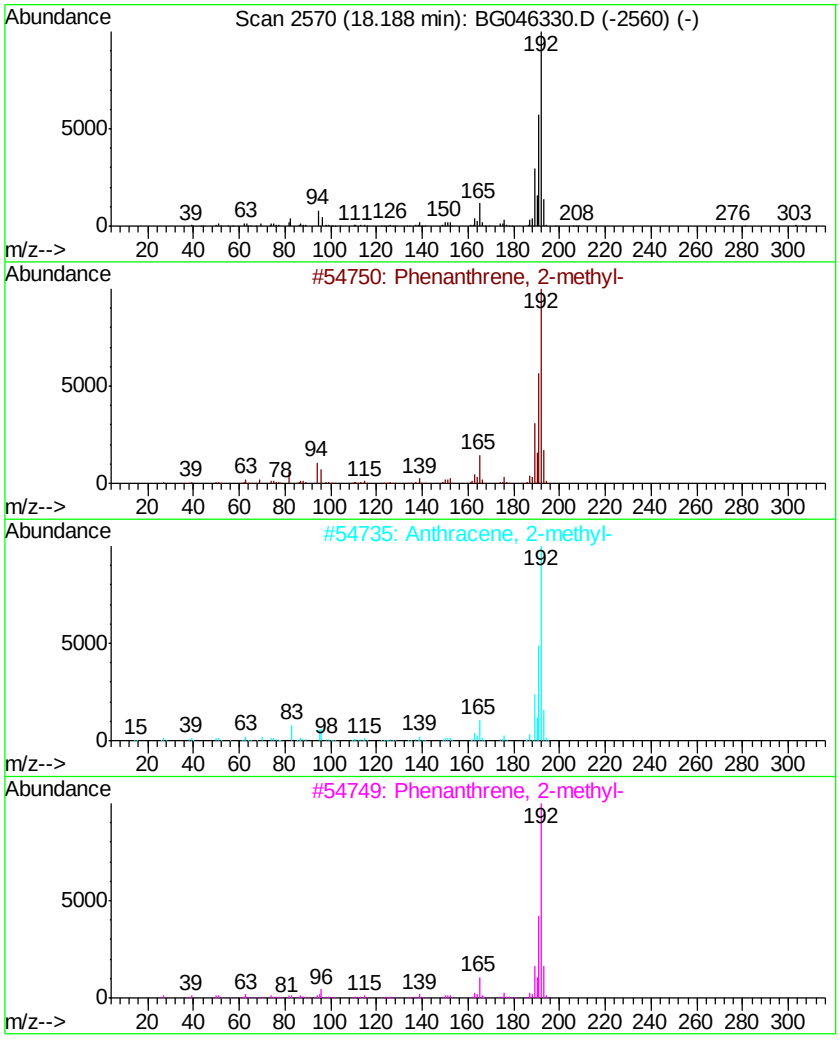
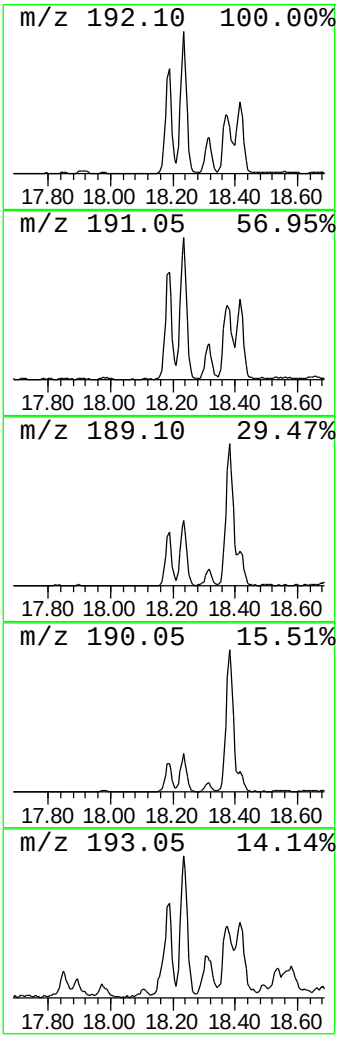
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.86 ng/ul	354566	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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

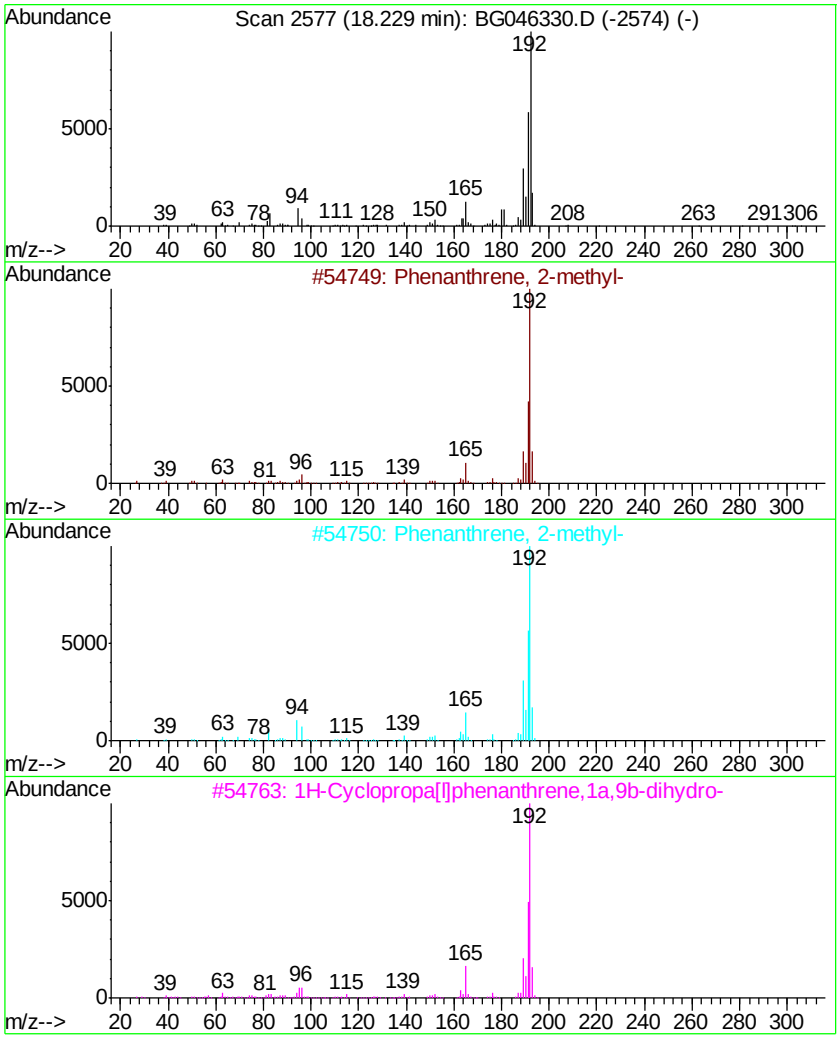
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

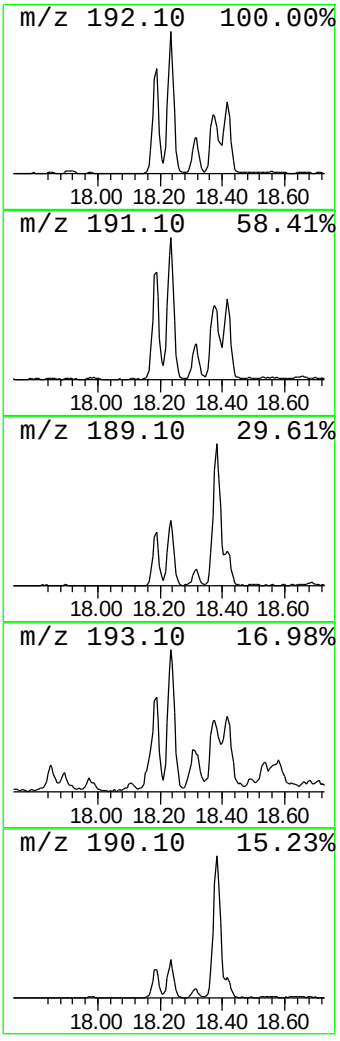
****

Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	7.30 ng/ul	441426	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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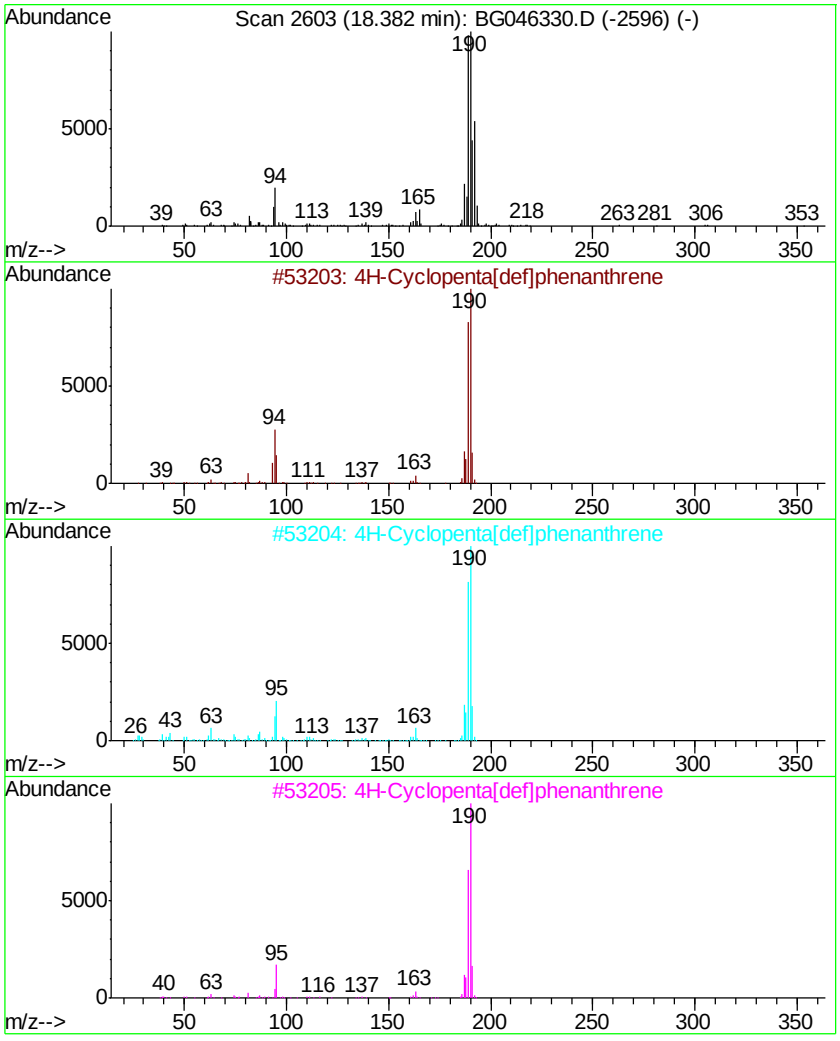
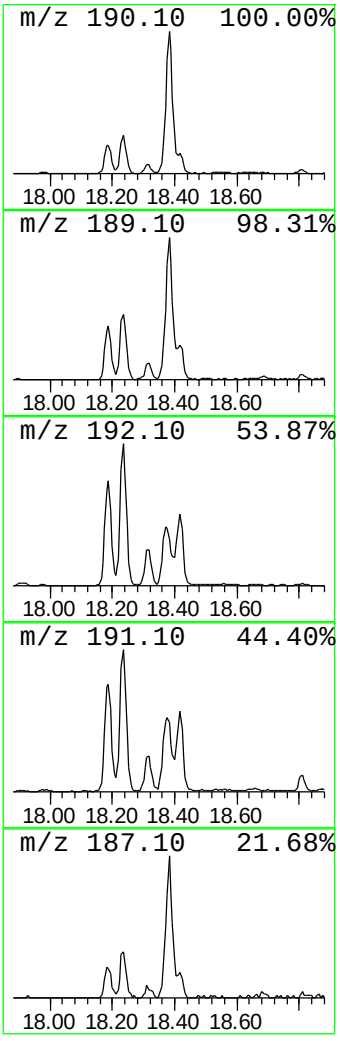
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	8.21 ng/ul	496559	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35





Library Search Compound Report

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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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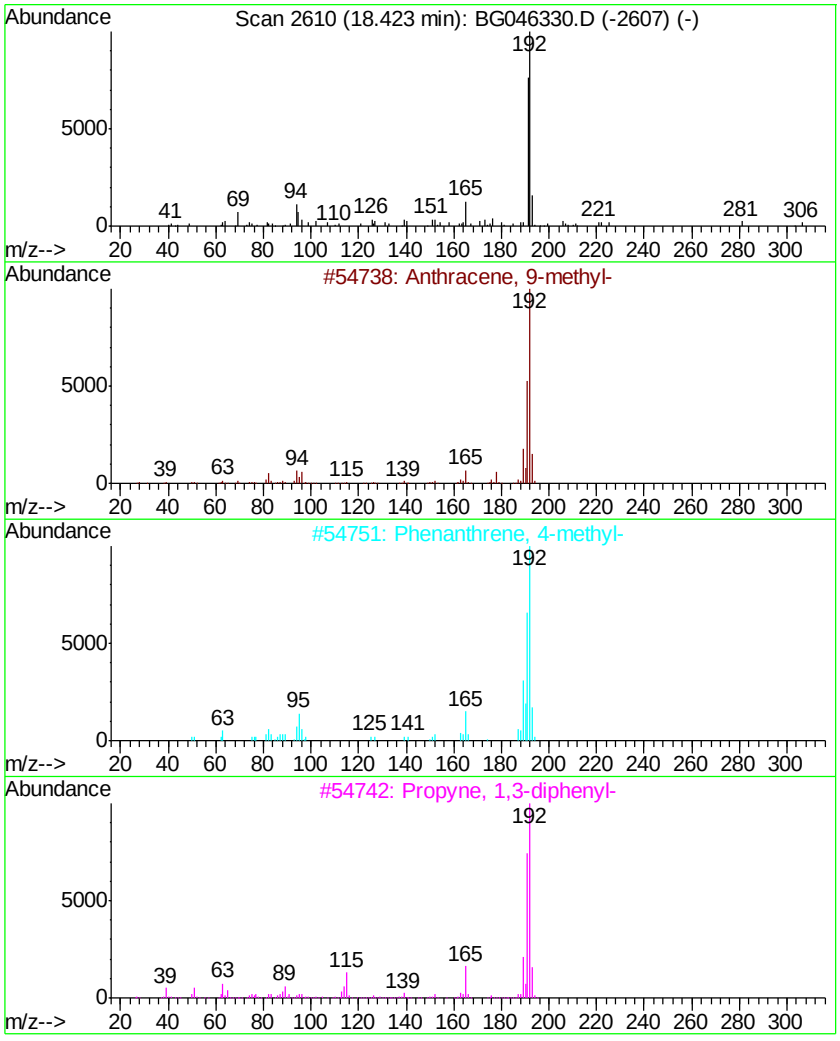
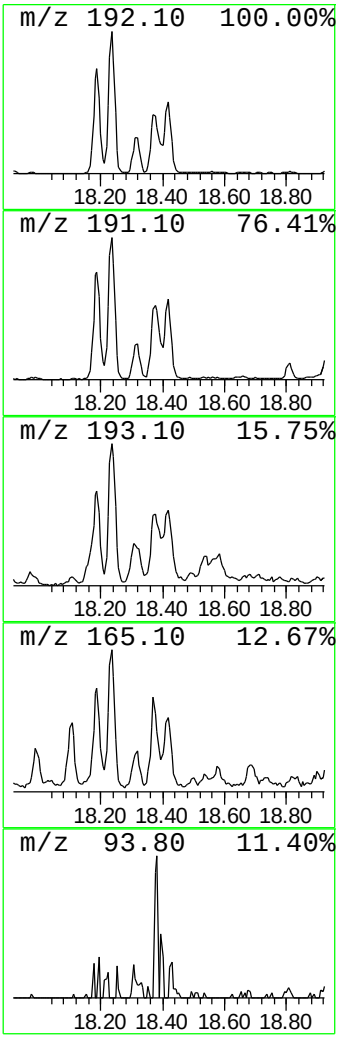
Peak Number 18 Anthracene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.81 ng/ul	170274	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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Quant Title : SVOA CALIBRATION

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

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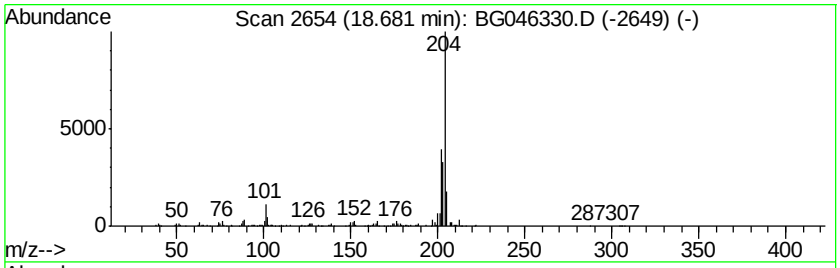
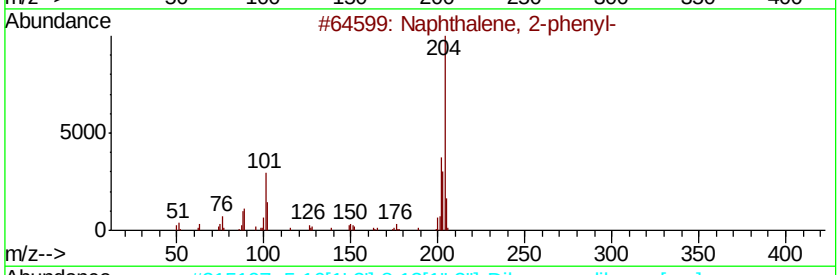
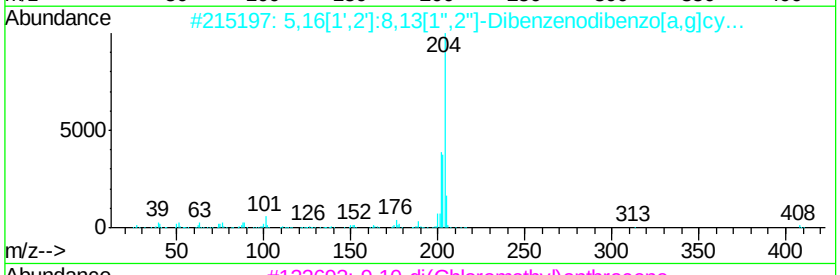
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 17

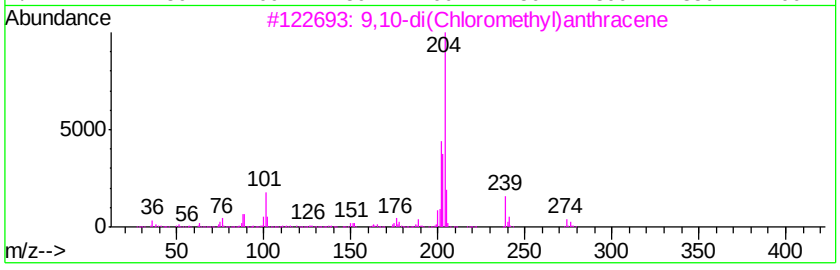
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.27 ng/ul	258279	Phenanthrene-d10	17.31

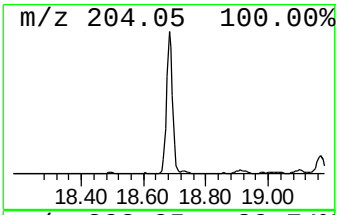
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70

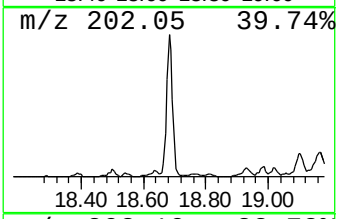


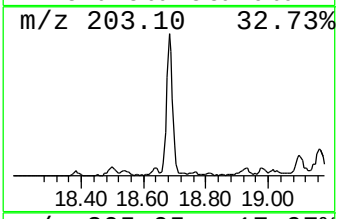


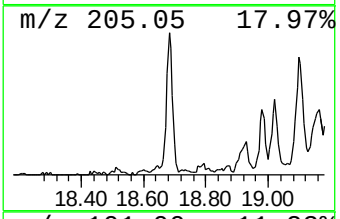


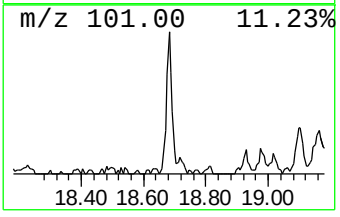












Library Search Compound Report

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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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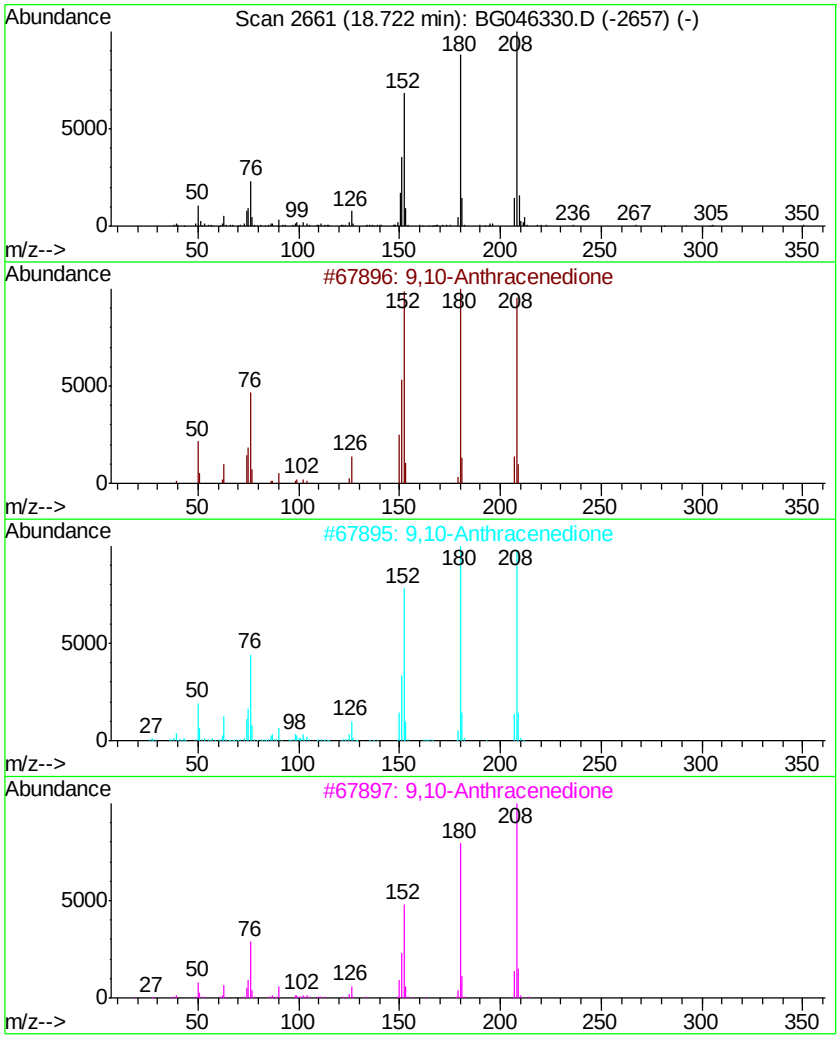
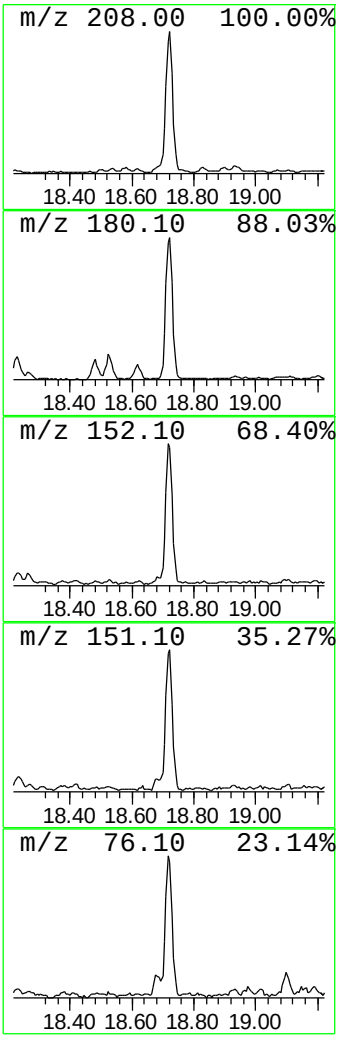
Peak Number 20 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.83 ng/ul	353000	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Operator : CG/JU
Sample : L3636-09
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK5

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Quant Title : SVOA CALIBRATION

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

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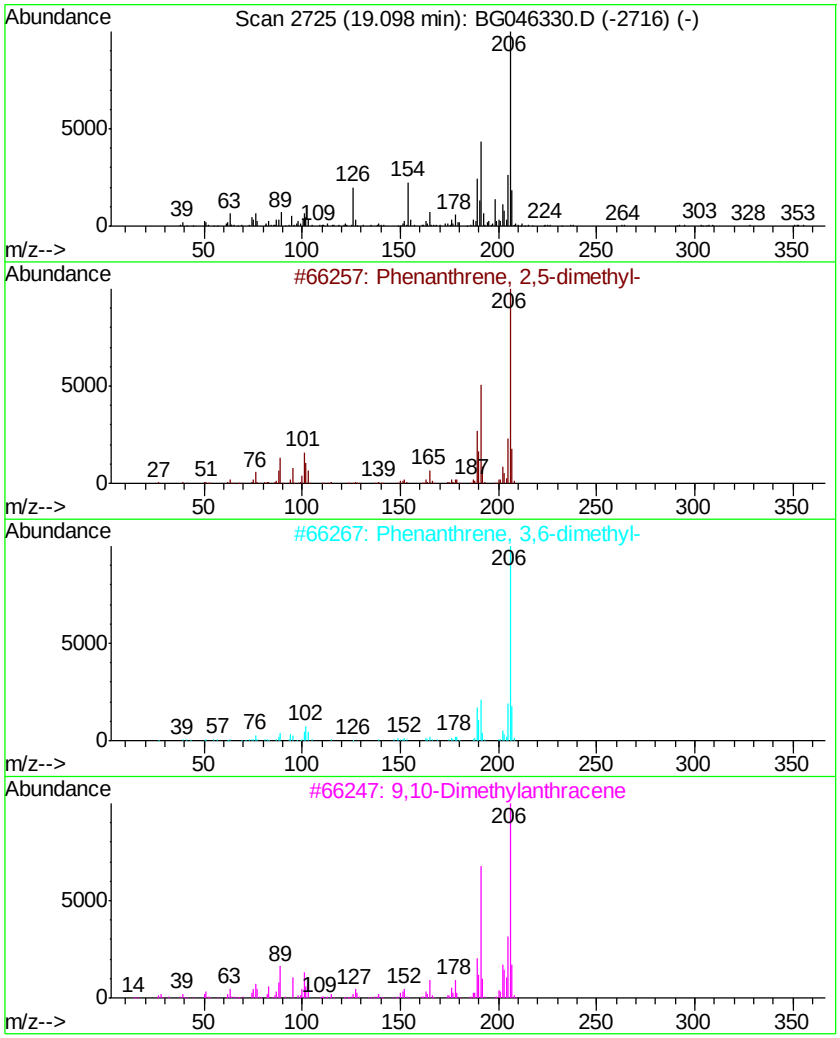
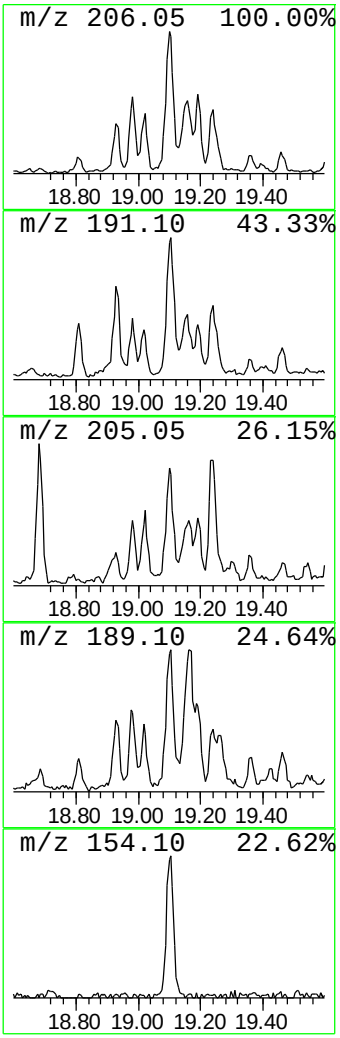
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	5.06 ng/ul	306012	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	70





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Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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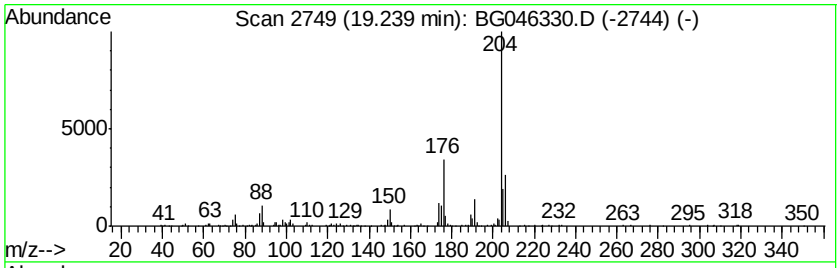
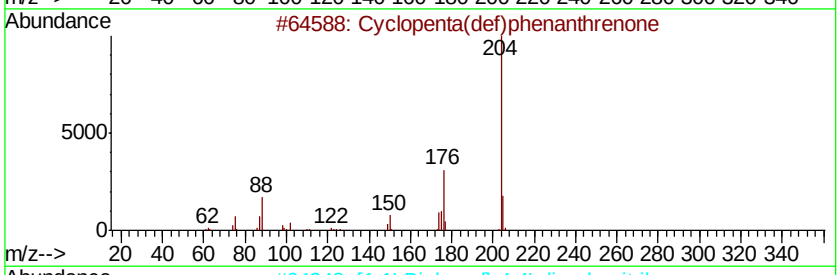
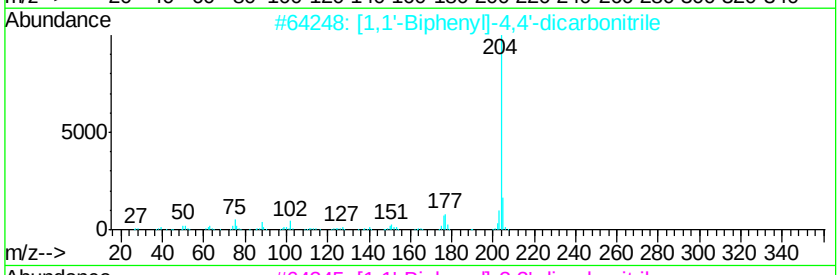
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 15

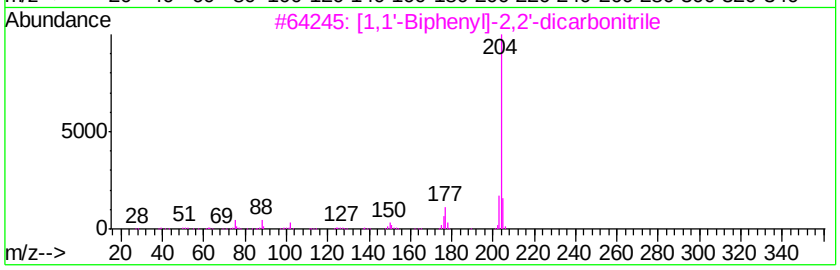
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.51 ng/ul	272979	Phenanthrene-d10	17.31

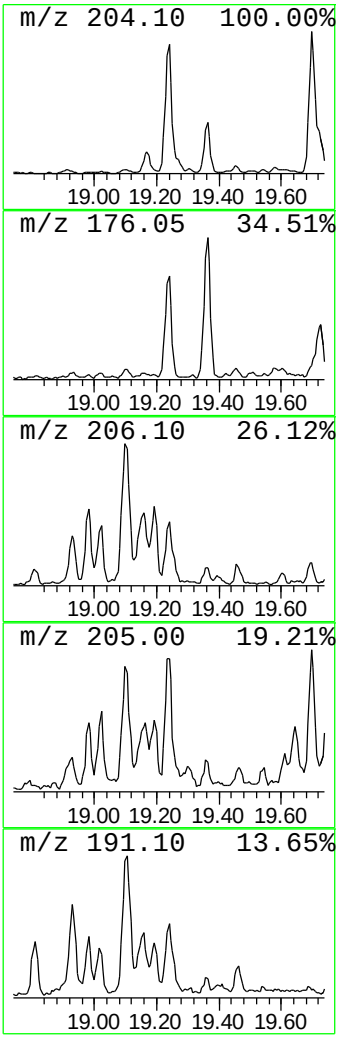
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47











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Sample : L3636-09
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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Quant Title : SVOA CALIBRATION

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

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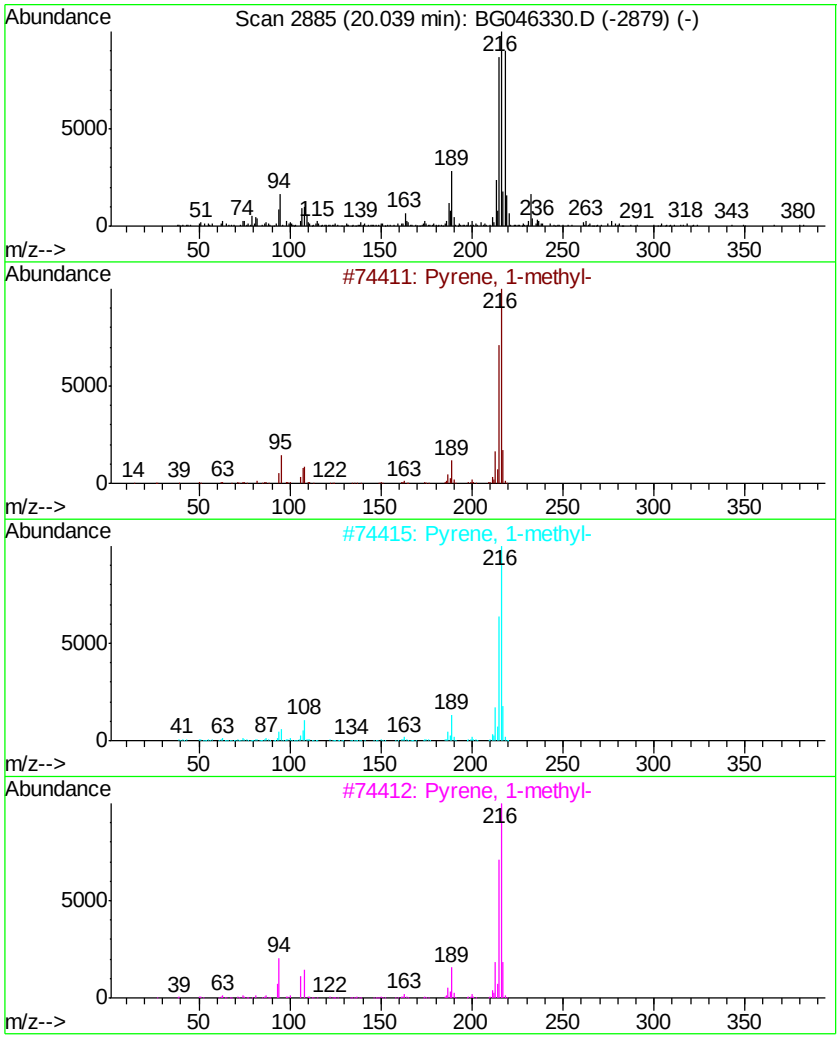
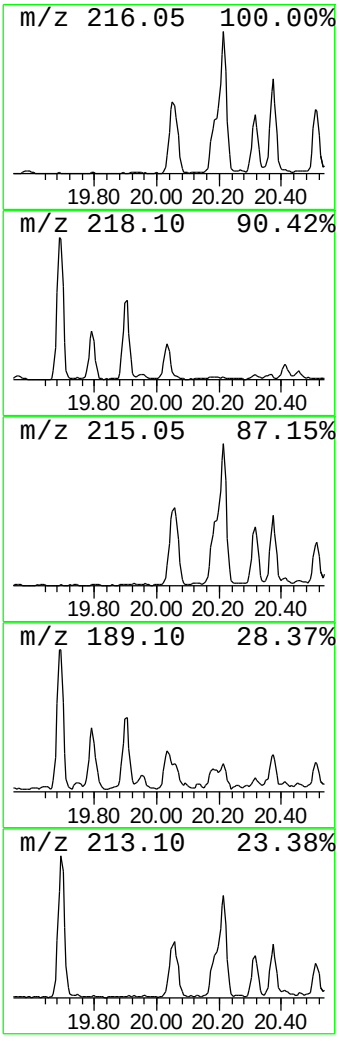
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.21 ng/ul	557606	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, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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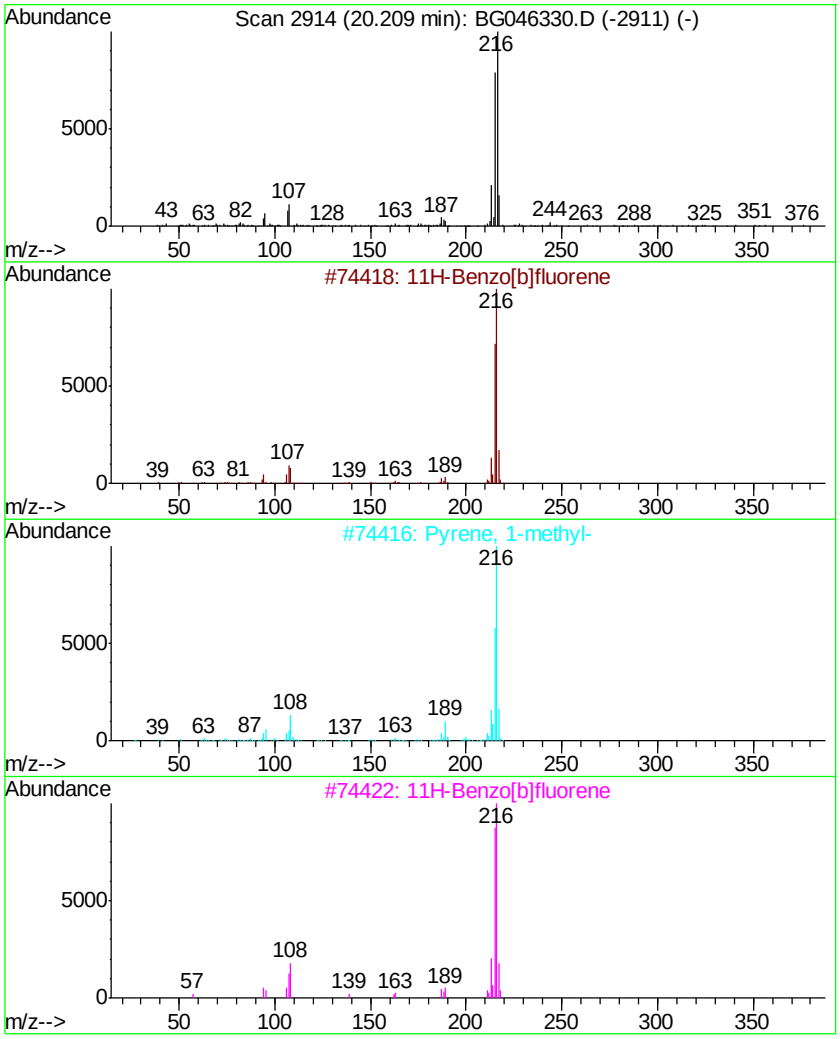
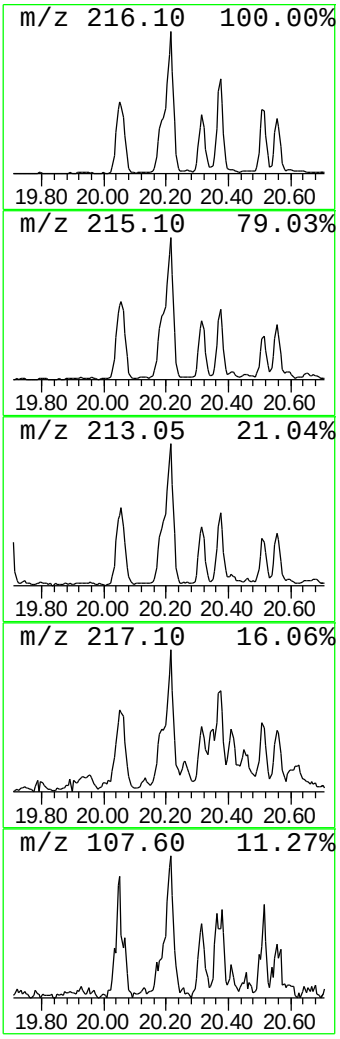
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.36 ng/ul	410171	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Library Search Compound Report

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Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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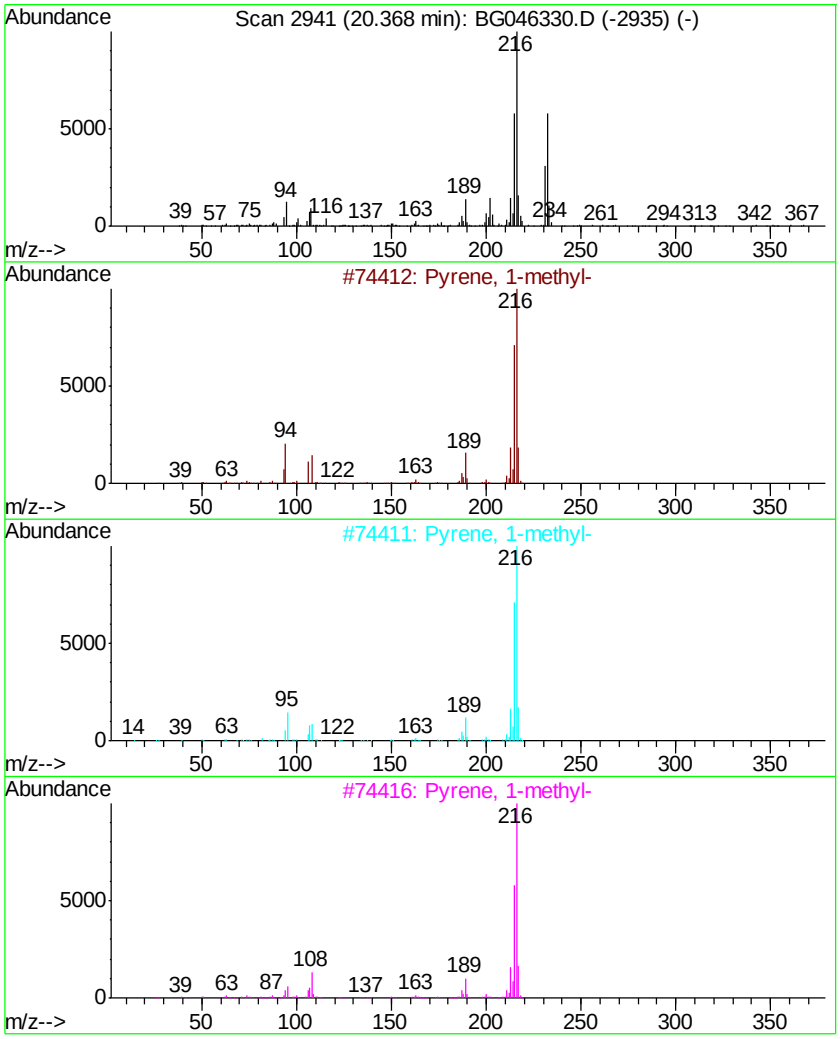
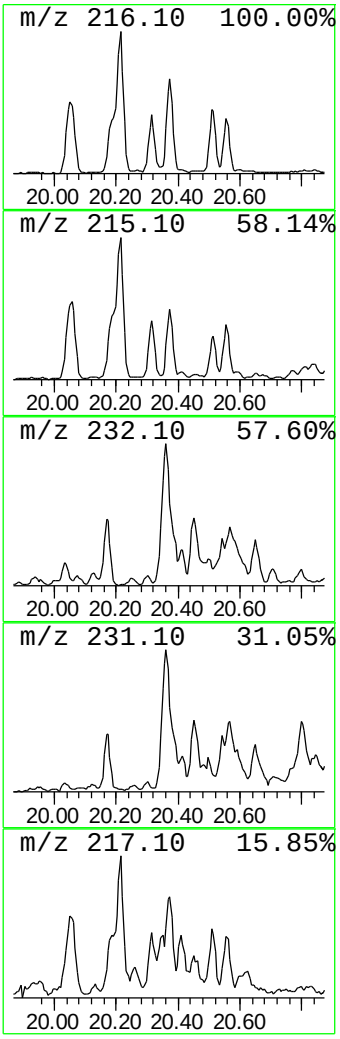
Peak Number 25 Pyrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.60 ng/ul	452113	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

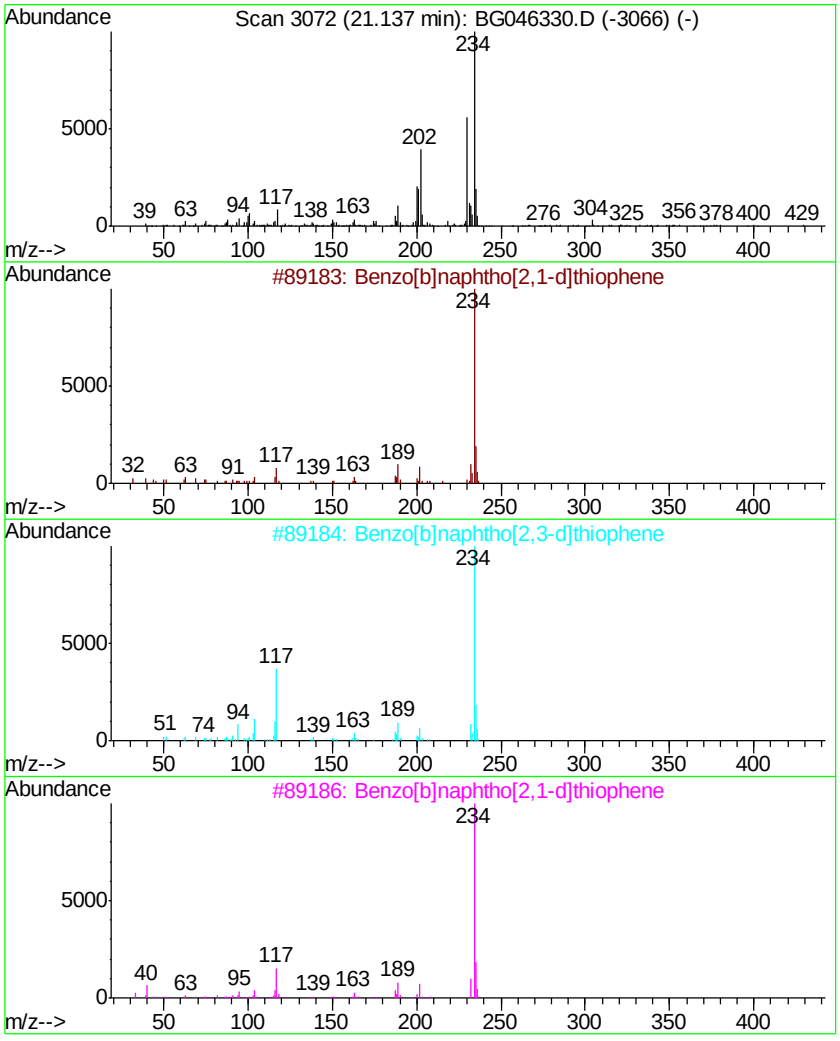
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

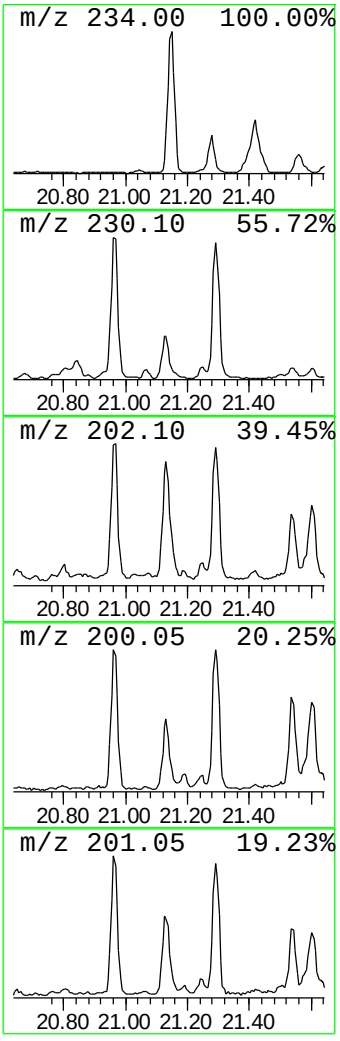
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.14 ng/ul	545297	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	80
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	80
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	74
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	72
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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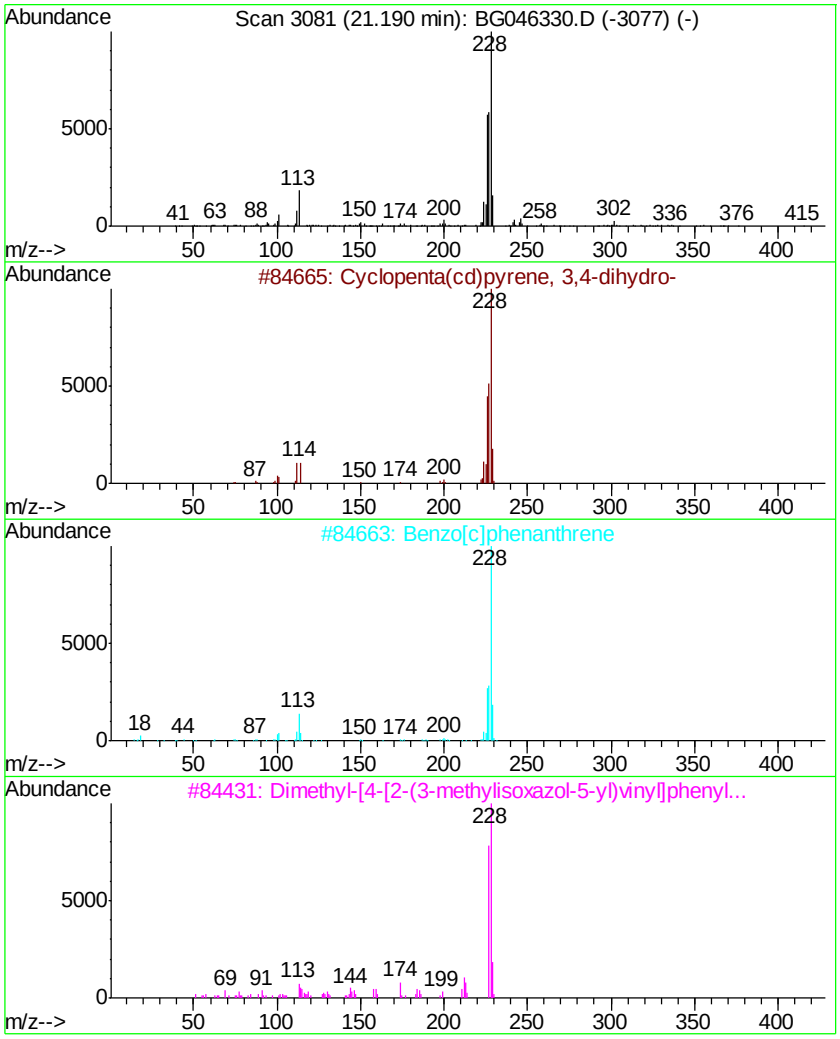
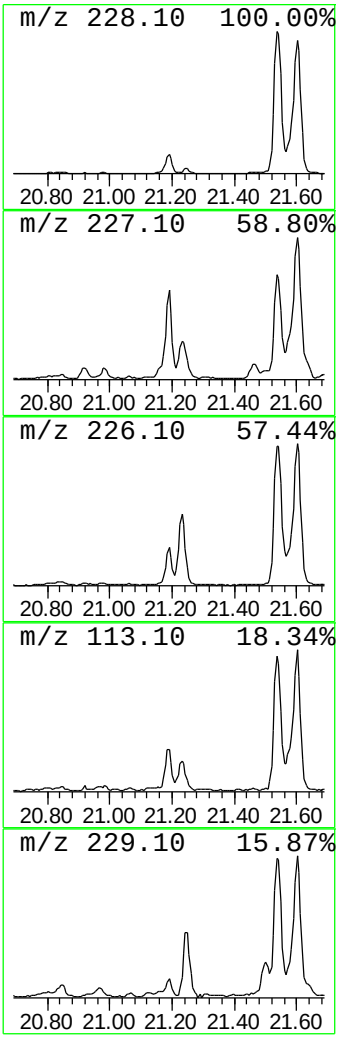
Peak Number 28 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	2.11 ng/ul	366976	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
4	Triphenylene	228	C18H12	000217-59-4	43
5	Benz[a]anthracene	228	C18H12	000056-55-3	43





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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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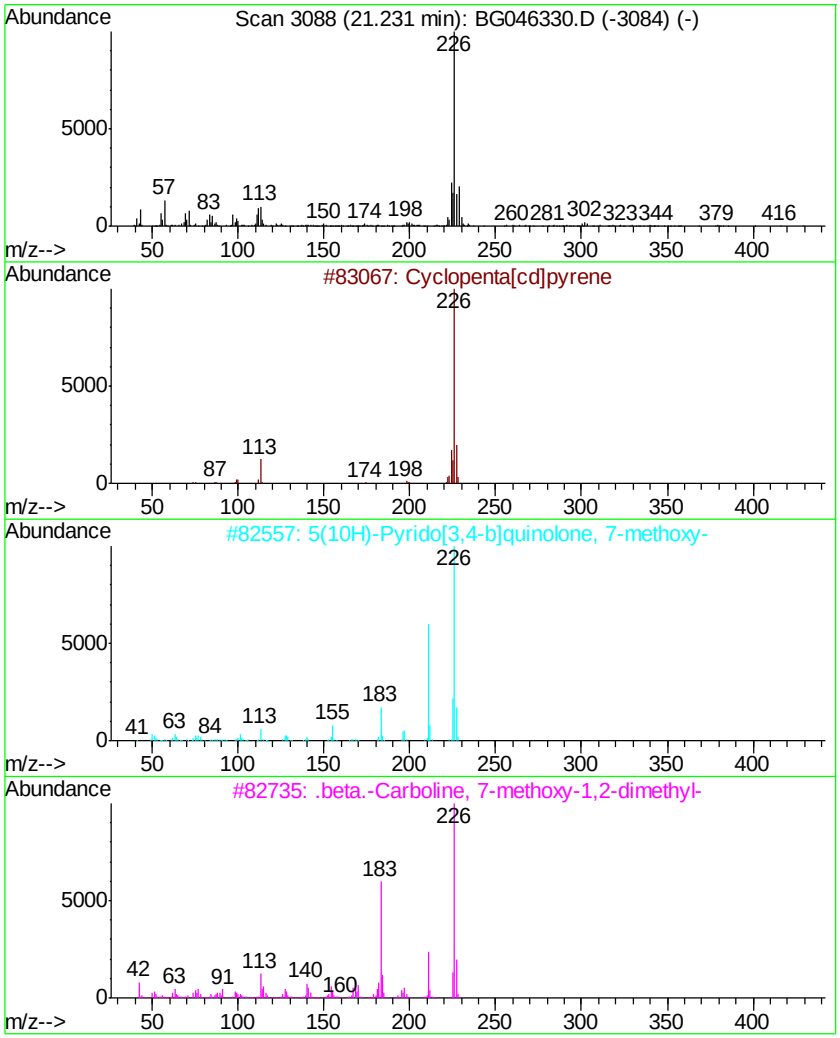
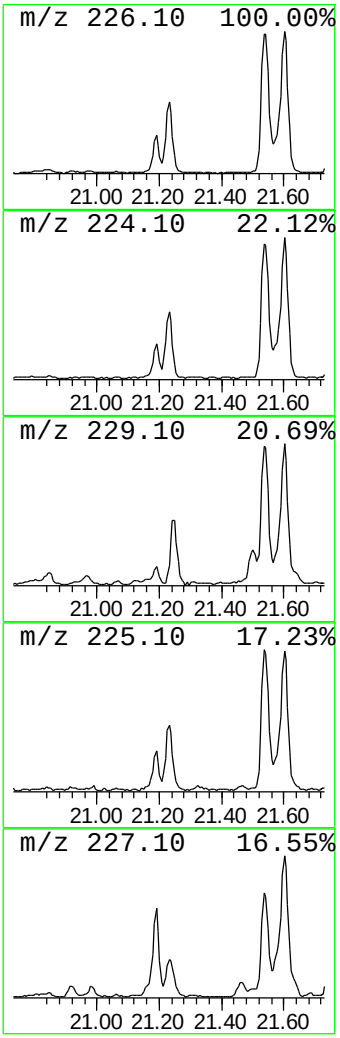
Peak Number 29 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.71 ng/ul	645467	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43





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Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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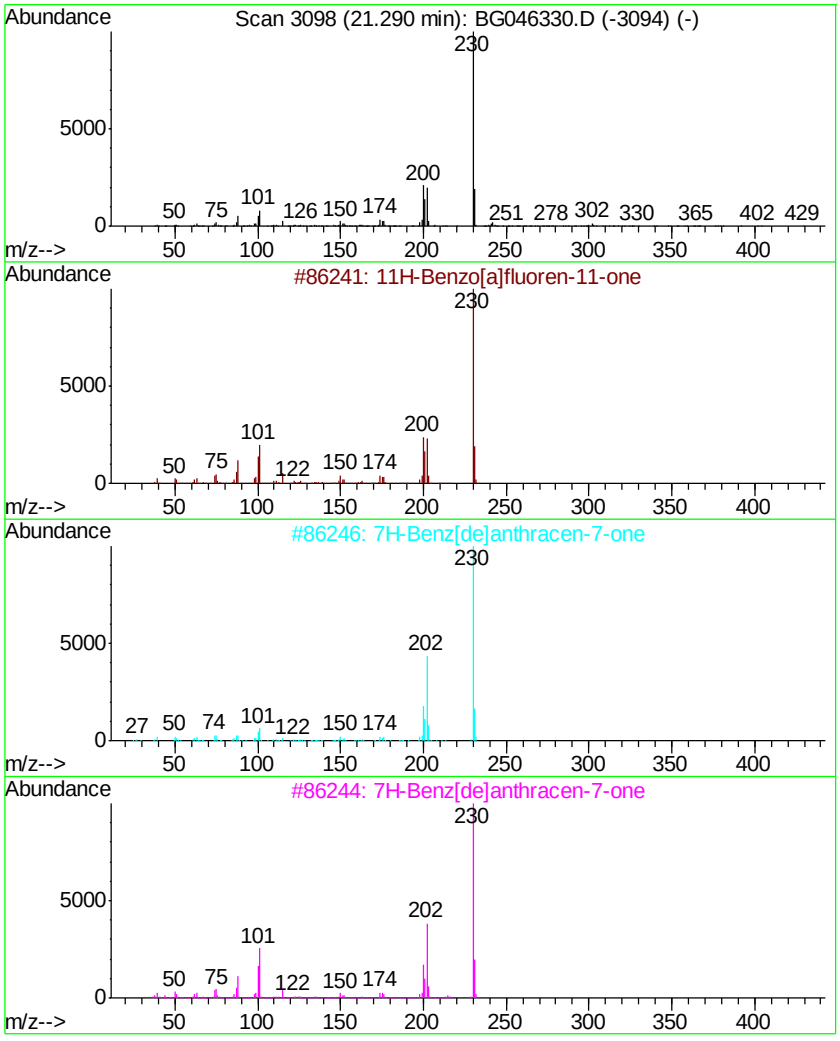
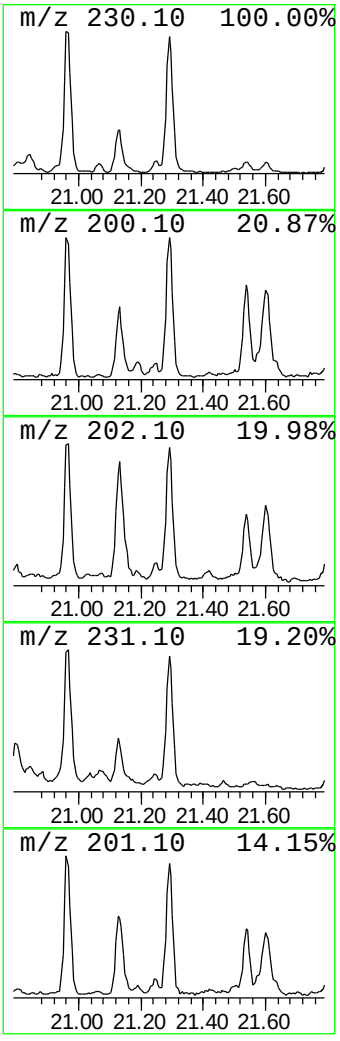
Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.43 ng/ul	596701	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	94
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	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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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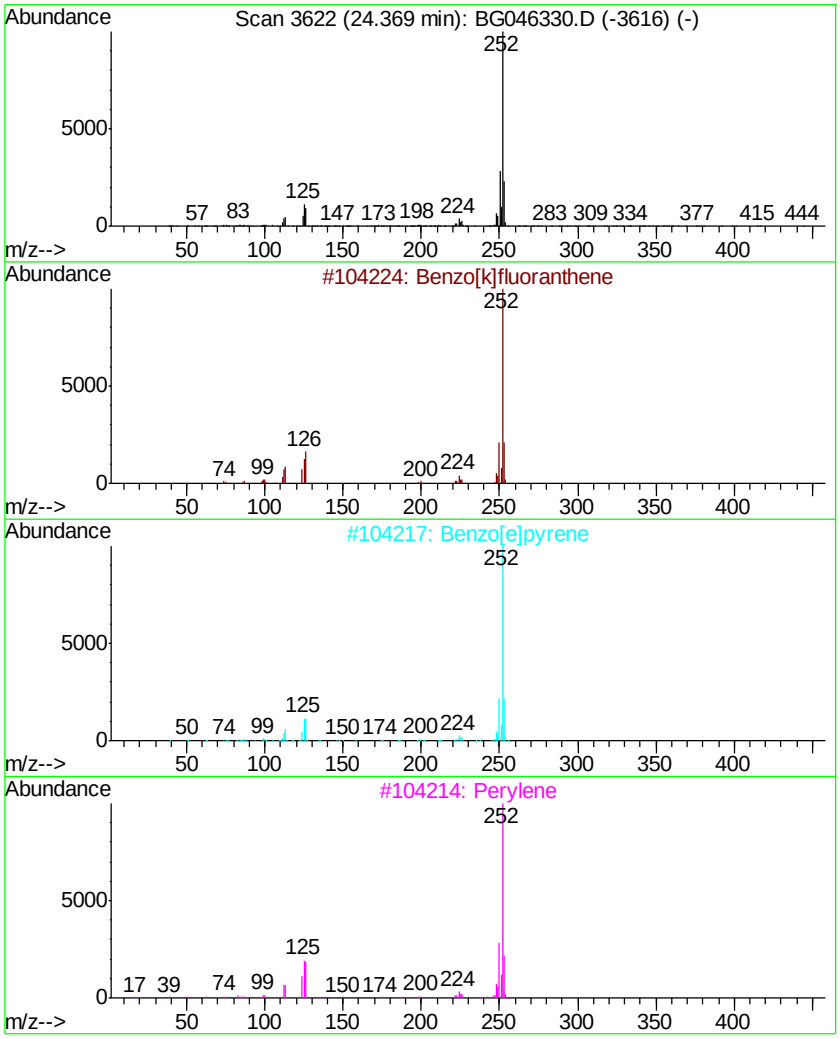
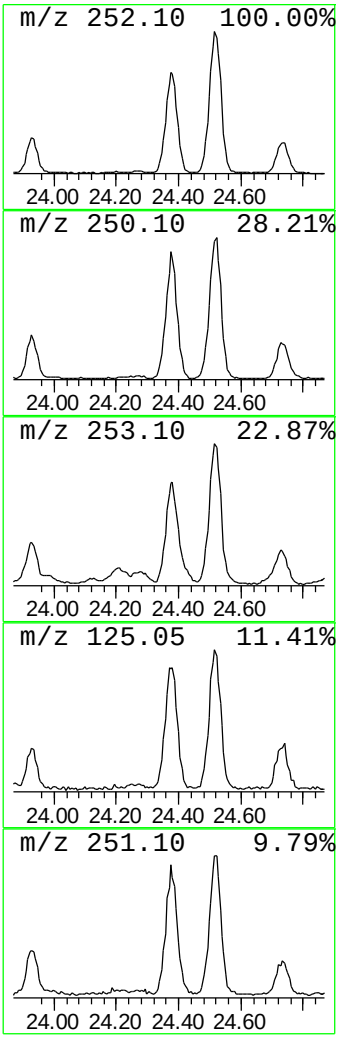
Peak Number 32 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	12.67 ng/ul	892473	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046330.D
Acq On : 18 Aug 2020 16:29
Operator : CG/JU
Sample : L3636-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK5

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	106.4	ng/ul	2404820	1	7.94	452161	20.0
cis-4-Hydroxy-3-m...	7.11	6.7	ng/ul	150967	1	7.94	452161	20.0
unknown-01	7.27	5.5	ng/ul	124596	1	7.94	452161	20.0
unknown-02	7.48	6.9	ng/ul	155686	1	7.94	452161	20.0
unknown-03	8.65	7.6	ng/ul	172016	1	7.94	452161	20.0
unknown-04	9.09	6.6	ng/ul	148854	1	7.94	452161	20.0
unknown-05	9.82	3.7	ng/ul	122551	2	10.74	669981	20.0
unknown-06	10.87	4.1	ng/ul	136249	2	10.74	669981	20.0
unknown-07	13.97	7.2	ng/ul	348770	3	14.57	968550	20.0
Dimethyl phthalate	14.02	2.0	ng/ul	98954	3	14.57	968550	20.0
Dibenzofuran	14.97	2.3	ng/ul	111936	3	14.57	968550	20.0
unknown-08	15.67	2.1	ng/ul	102222	3	14.57	968550	20.0
9H-Fluoren-9-one	16.96	2.9	ng/ul	173997	4	17.31	1210170	20.0
5H-Indeno[1,2-b]p...	17.71	4.7	ng/ul	284296	4	17.31	1210170	20.0
Phenanthrene, 2-m...	18.19	5.9	ng/ul	354566	4	17.31	1210170	20.0
1H-Cyclopropa[l]p...	18.23	7.3	ng/ul	441426	4	17.31	1210170	20.0
4H-Cyclopenta[def...	18.38	8.2	ng/ul	496559	4	17.31	1210170	20.0
Anthracene, 9-met...	18.42	2.8	ng/ul	170274	4	17.31	1210170	20.0
Naphthalene, 2-ph...	18.68	4.3	ng/ul	258279	4	17.31	1210170	20.0
9,10-Anthracenedione	18.72	5.8	ng/ul	353000	4	17.31	1210170	20.0
Phenanthrene, 2,5...	19.10	5.1	ng/ul	306012	4	17.31	1210170	20.0
Cyclopenta(def)ph...	19.24	4.5	ng/ul	272979	4	17.31	1210170	20.0
Pyrene, 1-methyl-	20.04	3.2	ng/ul	557606	5	21.55	3475180	20.0
11H-Benzo[b]fluorene	20.21	2.4	ng/ul	410171	5	21.55	3475180	20.0
Pyrene, 2-methyl-	20.37	2.6	ng/ul	452113	5	21.55	3475180	20.0
Benzo[b]naphtho[2...	21.14	3.1	ng/ul	545297	5	21.55	3475180	20.0
Cyclopenta(cd)pyr...	21.19	2.1	ng/ul	366976	5	21.55	3475180	20.0
Cyclopenta[cd]pyrene	21.23	3.7	ng/ul	645467	5	21.55	3475180	20.0
11H-Benzo[a]fluor...	21.29	3.4	ng/ul	596701	5	21.55	3475180	20.0
Benzo[e]pyrene	24.37	12.7	ng/ul	892473	6	24.66	1408530	20.0