LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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	37	rVB	1069251	1771641	59.27%	3.885%
2	7.107	676	684	695	rBV	240549	433508	14.50%	0.951%
3	7.266	705	711	722	rBV	182031	305414	10.22%	0.670%
4	7.471	740	746	754	rBV	239530	418933	14.02%	0.919%
5	7.941	819	826	833	rBV	202847	346001	11.58%	0.759%
6	8.646	938	946	954	rBV	309786	538560	18.02%	1.181%
7	9.087	1014	1021	1030	rBV	214783	387796	12.97%	0.850%
8	9.816	1136	1145	1153	rBV	185617	333461	11.16%	0.731%
9	10.356	1230	1237	1250	rBV	324690	595840	19.93%	1.306%
10	10.738	1293	1302	1308	rBV	300582	540101	18.07%	1.184%
11	10.867	1316	1324	1339	rBV	231410	458432	15.34%	1.005%
12	12.254	1553	1560	1567	rVV	27649	47928	1.60%	0.105%
13	13.970	1843	1852	1857	rVV	647380	994920	33.29%	2.182%
14	14.017	1857	1860	1867	rVB	299826	404831	13.54%	0.888%
15	14.258	1890	1901	1918	rBV	802635	1302319	43.57%	2.856%
16	14.569	1943	1954	1960	rBV	531620	862366	28.85%	1.891%
17	14.628	1960	1964	1972	rVB2	28884	47396	1.59%	0.104%
18	14.757	1980	1986	2000	rBV	216036	414346	13.86%	0.909%
19	14.969	2017	2022	2027	rVV2	28654	44711	1.50%	0.098%
20	15.556	2115	2122	2128	rBV	1096576	1644771	55.03%	3.606%
21	15.609	2128	2131	2136	rVV3	44712	67420	2.26%	0.148%
22	15.668	2136	2141	2150	rVV	298385	476418	15.94%	1.045%
23	15.797	2156	2163	2173	rVV8	14512	44350	1.48%	0.097%
24	15.909	2177	2182	2190	rVB	22721	38532	1.29%	0.084%
25	16.055	2200	2207	2215	rVB	25341	53424	1.79%	0.117%
26	16.243	2229	2239	2243	rBV2	19225	42130	1.41%	0.092%
27	16.290	2243	2247	2250	rVV5	16654	23063	0.77%	0.051%
28	16.620	2299	2303	2308	rVV4	15196	26003	0.87%	0.057%
29	16.843	2334	2341	2345	rBV3	21789	45028	1.51%	0.099%
30	16.960	2356	2361	2369	rVB	52767	89178	2.98%	0.196%
31	17.043	2369	2375	2377	rBV2	23802	37945	1.27%	0.083%
32	17.131	2385	2390	2398	rVB	34051	64684	2.16%	0.142%
33	17.307	2414	2420	2424	rBV	773714	1208175	40.42%	2.649%
34	17.348	2424	2427	2432	rVB	647293	881068	29.48%	1.932%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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	17.407	2432	2437	2442	rBV	1219577	1833025	61.33%	4.019%
36	17.501	2448	2453	2458	rVB3	26794	45224	1.51%	0.099%
37	17.706	2479	2488	2492	rBV2	63845	121571	4.07%	0.267%
38	17.830	2505	2509	2514	rVB3	25252	32719	1.09%	0.072%
39	17.889	2516	2519	2523	rVB4	21222	25083	0.84%	0.055%
40	17.988	2529	2536	2539	rBV9	11629	24142	0.81%	0.053%
41	18.182	2559	2569	2571	rBV	135567	208161	6.96%	0.456%
42	18.229	2571	2577	2583	rVV2	196087	443119	14.82%	0.972%
43	18.312	2587	2591	2596	rVB	59692	83970	2.81%	0.184%
44	18.376	2596	2602	2606	rBV3	174713	328463	10.99%	0.720%
45	18.412	2606	2608	2614	rVB	100641	133789	4.48%	0.293%
46	18.506	2617	2624	2626	rBV7	19334	41338	1.38%	0.091%
47	18.682	2649	2654	2657	rVV	114815	168615	5.64%	0.370%
48	18.717	2657	2660	2665	rVB	126838	168136	5.63%	0.369%
49	18.805	2672	2675	2682	rVB6	17780	31173	1.04%	0.068%
50	18.929	2693	2696	2700	rVB	42284	48123	1.61%	0.106%
51	18.981	2701	2705	2708	rBV	34082	42430	1.42%	0.093%
52	19.017	2708	2711	2715	rVB	43293	59271	1.98%	0.130%
53	19.099	2715	2725	2730	rBV2	132902	266484	8.92%	0.584%
54	19.164	2730	2736	2738	rVV3	55365	123095	4.12%	0.270%
55	19.193	2739	2741	2744	rVV	47363	49139	1.64%	0.108%
56	19.234	2744	2748	2757	rVB	107706	185570	6.21%	0.407%
57	19.357	2762	2769	2776	rVB	1452492	2119415	70.91%	4.647%
58	19.422	2776	2780	2783	rBV	31727	44825	1.50%	0.098%
59	19.457	2783	2786	2791	rBV4	29961	47048	1.57%	0.103%
60	19.510	2791	2795	2798	rVB	51901	64908	2.17%	0.142%
61	19.557	2798	2803	2805	rBV3	44836	68720	2.30%	0.151%
62	19.604	2808	2811	2814	rVB	29237	34832	1.17%	0.076%
63	19.692	2820	2826	2829	rBV3	1839915	2989014	100.00%	6.554%
64	19.722	2829	2831	2838	rVV	1405377	1603552	53.65%	3.516%
65	19.792	2839	2843	2848	rVB2	77166	129758	4.34%	0.285%
66	19.898	2856	2861	2862	rBV	91761	115896	3.88%	0.254%
67	19.922	2863	2865	2868	rVV	108203	113858	3.81%	0.250%
68	19.957	2868	2871	2877	rVB	82676	110482	3.70%	0.242%
69	20.045	2880	2886	2893	rBV3	138525	369145	12.35%	0.809%
70	20.180	2904	2909	2911	rBV3	89644	158882	5.32%	0.348%
71	20.209	2911	2914	2918	rVB	232725	307200	10.28%	0.674%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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	20.245	2918	2920	2924	rVB4	27346	28981	0.97%	0.064%
73	20.309	2927	2931	2935	rBV	112995	159853	5.35%	0.351%
74	20.368	2935	2941	2946	rVV2	184589	318181	10.65%	0.698%
75	20.409	2946	2948	2951	rVB2	39563	38967	1.30%	0.085%
76	20.450	2952	2955	2960	rVB2	37536	50629	1.69%	0.111%
77	20.509	2961	2965	2968	rBV	112629	144408	4.83%	0.317%
78	20.556	2969	2973	2977	rVB	105108	146680	4.91%	0.322%
79	20.961	3038	3042	3049	rVB	188746	292137	9.77%	0.641%
80	21.144	3066	3073	3076	rBV2	128810	274237	9.17%	0.601%
81	21.185	3077	3080	3083	rVV	160769	237109	7.93%	0.520%
82	21.220	3083	3086	3093	rVV3	611026	1090081	36.47%	2.390%
83	21.285	3093	3097	3106	rVB2	186541	354494	11.86%	0.777%
84	21.543	3134	3141	3147	rBV4	1185300	2876889	96.25%	6.308%
85	21.596	3147	3150	3163	rVB	723580	1231788	41.21%	2.701%
86	21.766	3172	3179	3182	rBV2	118703	265961	8.90%	0.583%
87	21.949	3205	3210	3216	rBV2	96814	211260	7.07%	0.463%
88	22.266	3260	3264	3270	rVB	141177	245491	8.21%	0.538%
89	22.336	3272	3276	3278	rBV2	92019	149673	5.01%	0.328%
90	23.676	3496	3504	3512	rBV	540333	1817614	60.81%	3.985%
91	23.805	3522	3526	3530	rBV3	95462	176316	5.90%	0.387%
92	23.858	3531	3535	3540	rVV3	145734	291850	9.76%	0.640%
93	23.923	3542	3546	3554	rVB	117748	248046	8.30%	0.544%
94	24.369	3615	3622	3628	rBV	290730	764691	25.58%	1.677%
95	24.451	3628	3636	3641	rVV	841802	2161354	72.31%	4.739%
96	24.510	3642	3646	3659	rVB	502360	1192540	39.90%	2.615%
97	24.657	3662	3671	3678	rBV2	489767	1448973	48.48%	3.177%
98	25.803	3861	3866	3875	rVB4	115568	311699	10.43%	0.683%
99	25.915	3879	3885	3891	rBV5	104798	289460	9.68%	0.635%
100	28.165	4257	4268	4287	rVB4	216215	1056111	35.33%	2.316%

Sum of corrected areas: 45606341

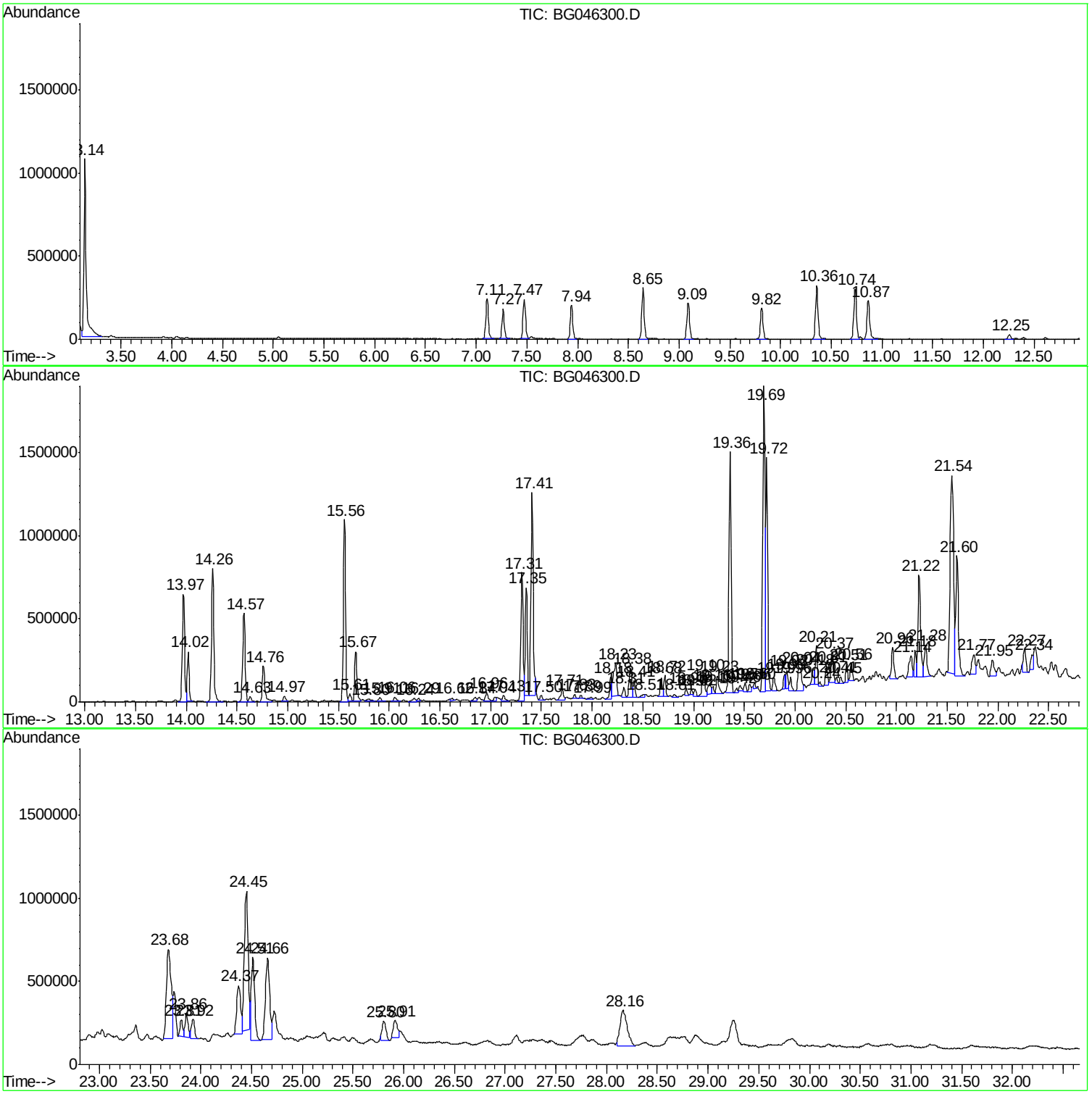
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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 : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

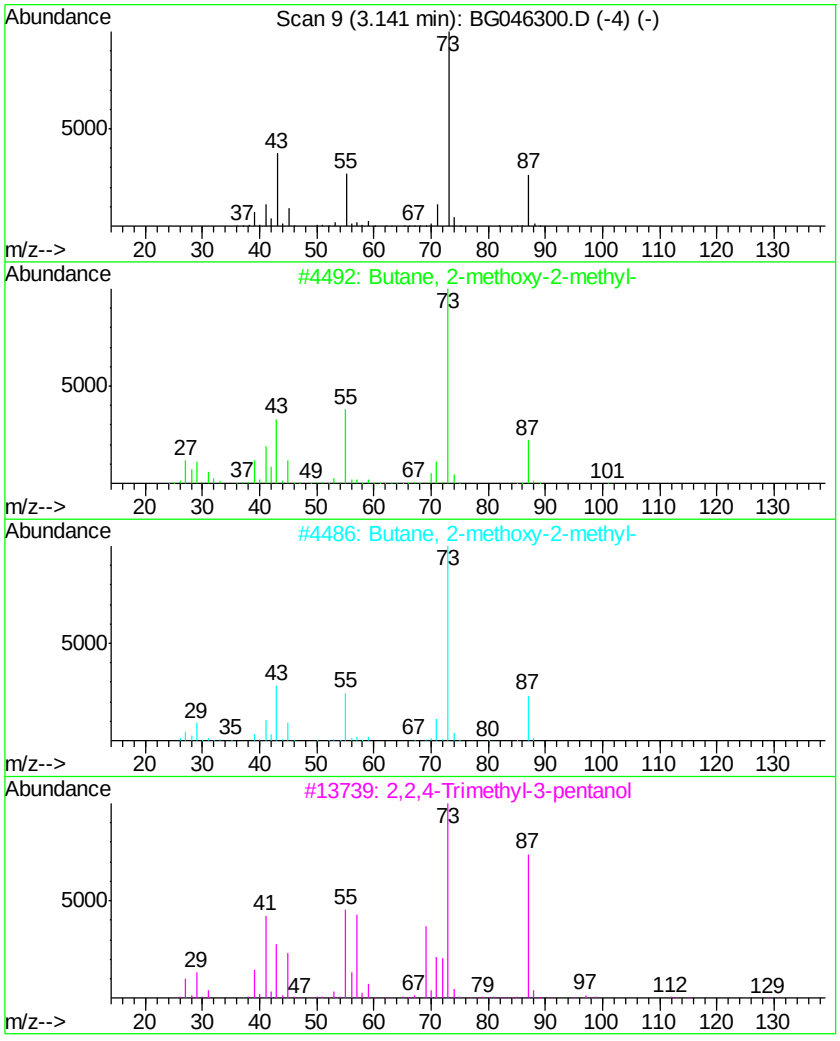
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

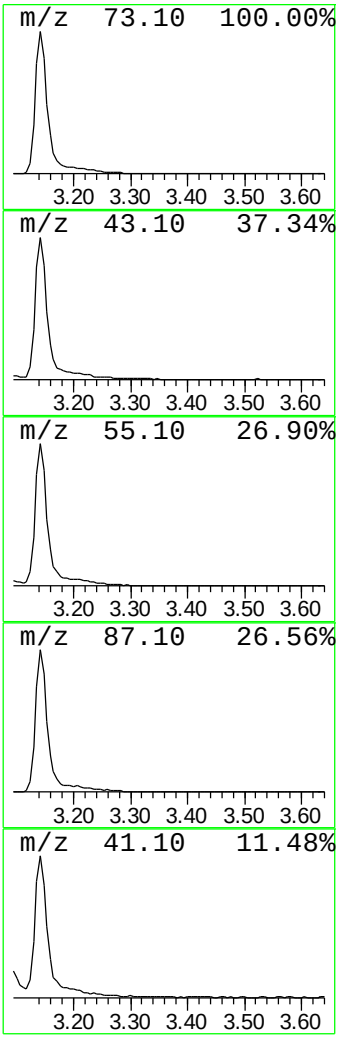
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	102.41 ng/ul	1771640	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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

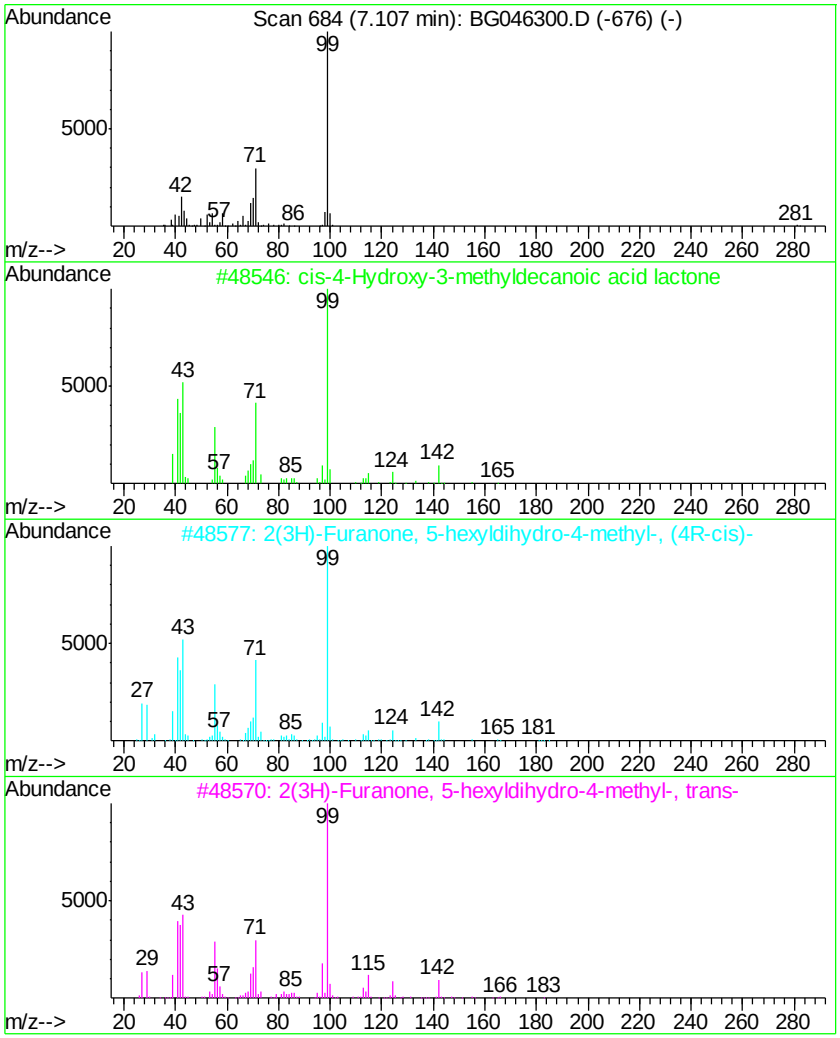
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

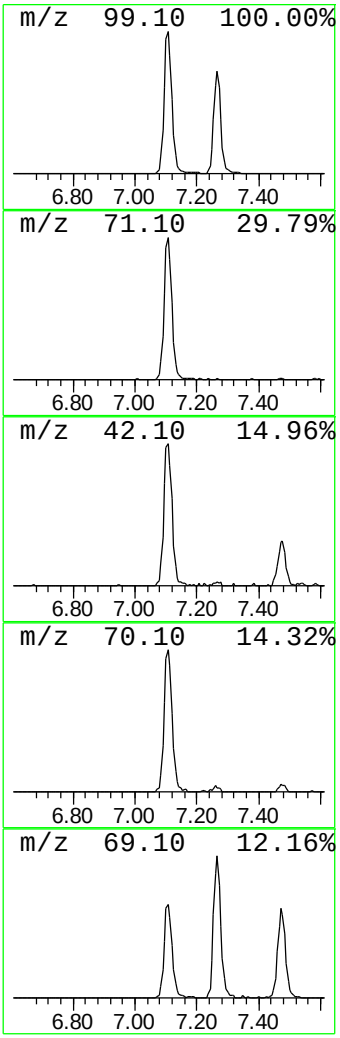
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	25.06 ng/ul	433508	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	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
5	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

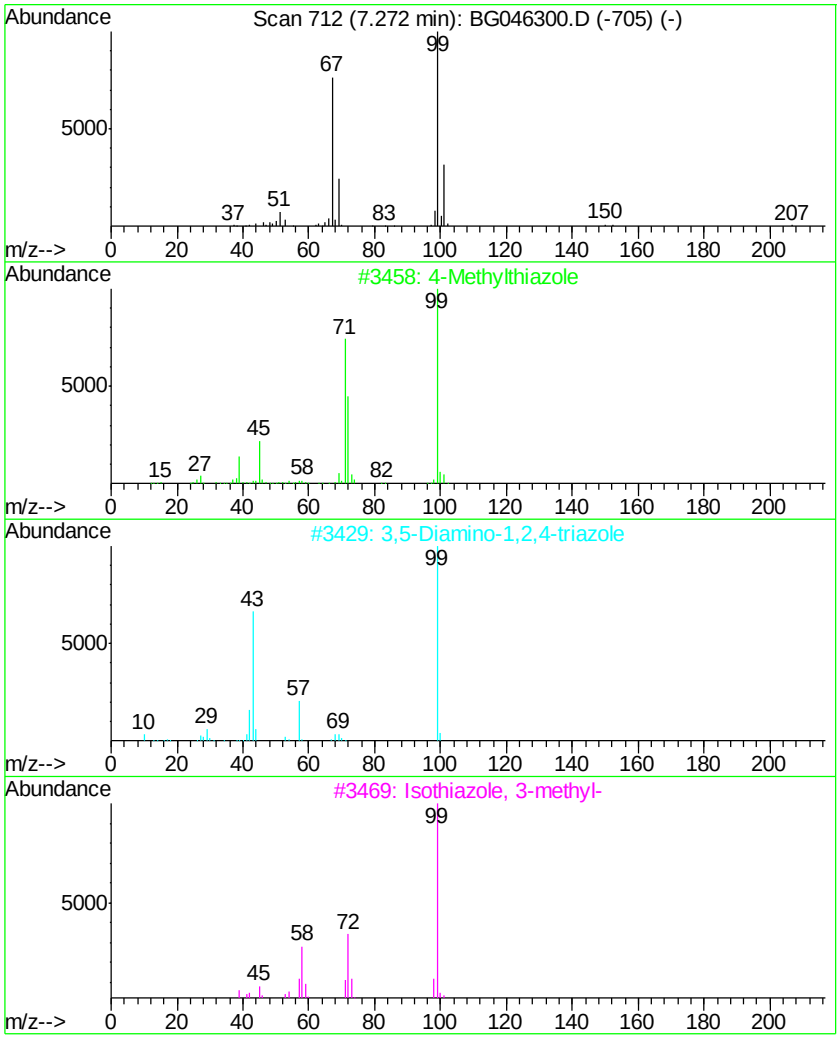
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

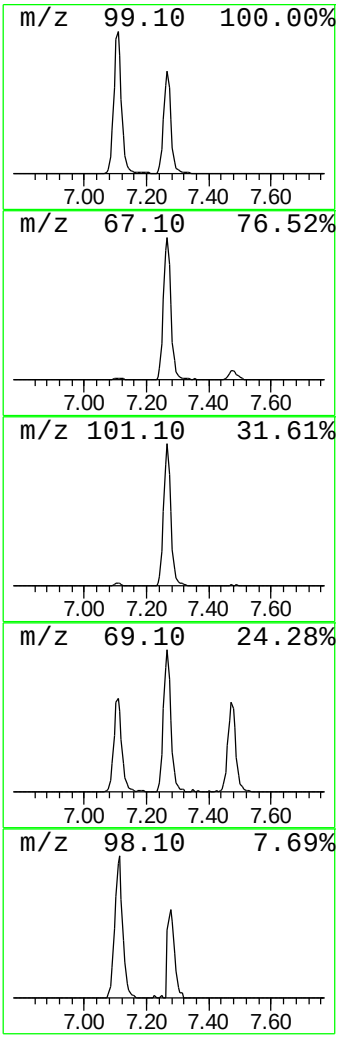
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	17.65 ng/ul	305414	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	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	7
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

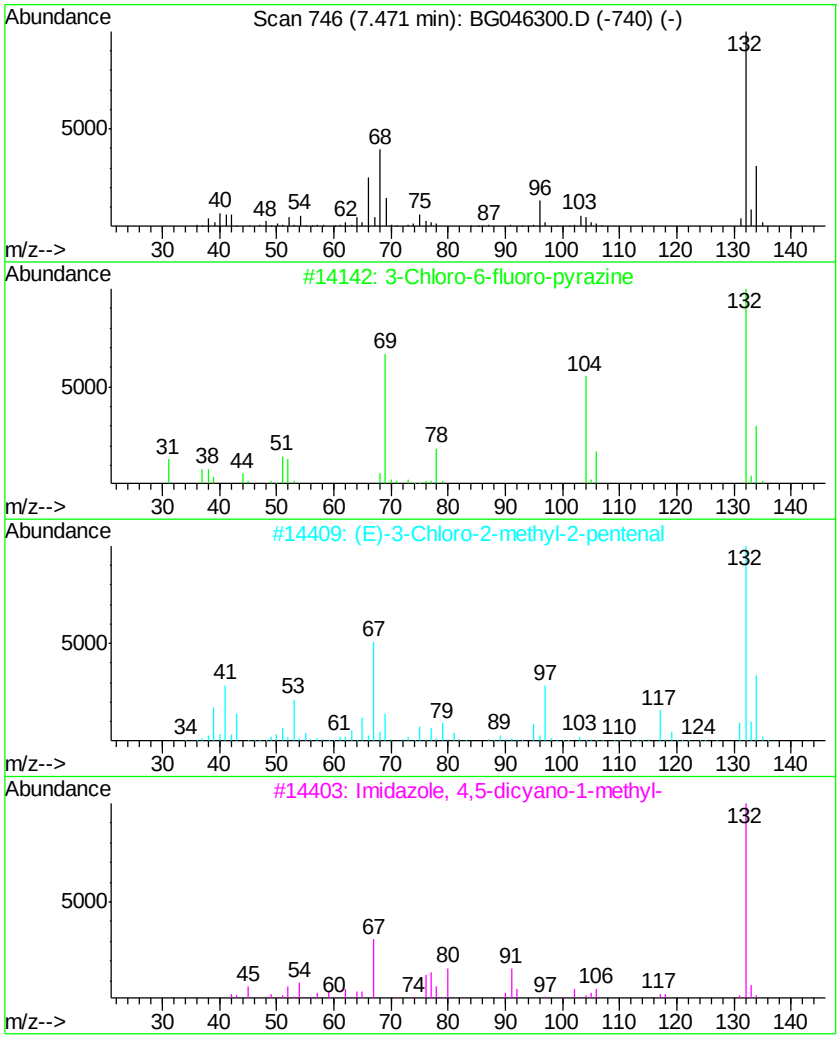
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

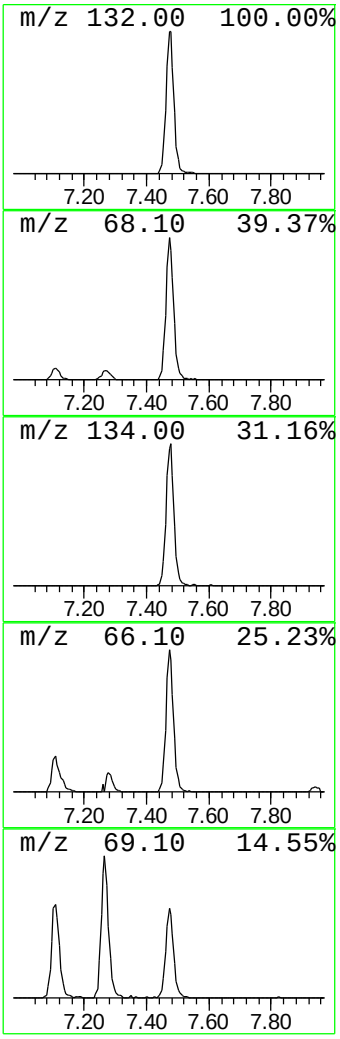
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	24.22 ng/ul	418933	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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

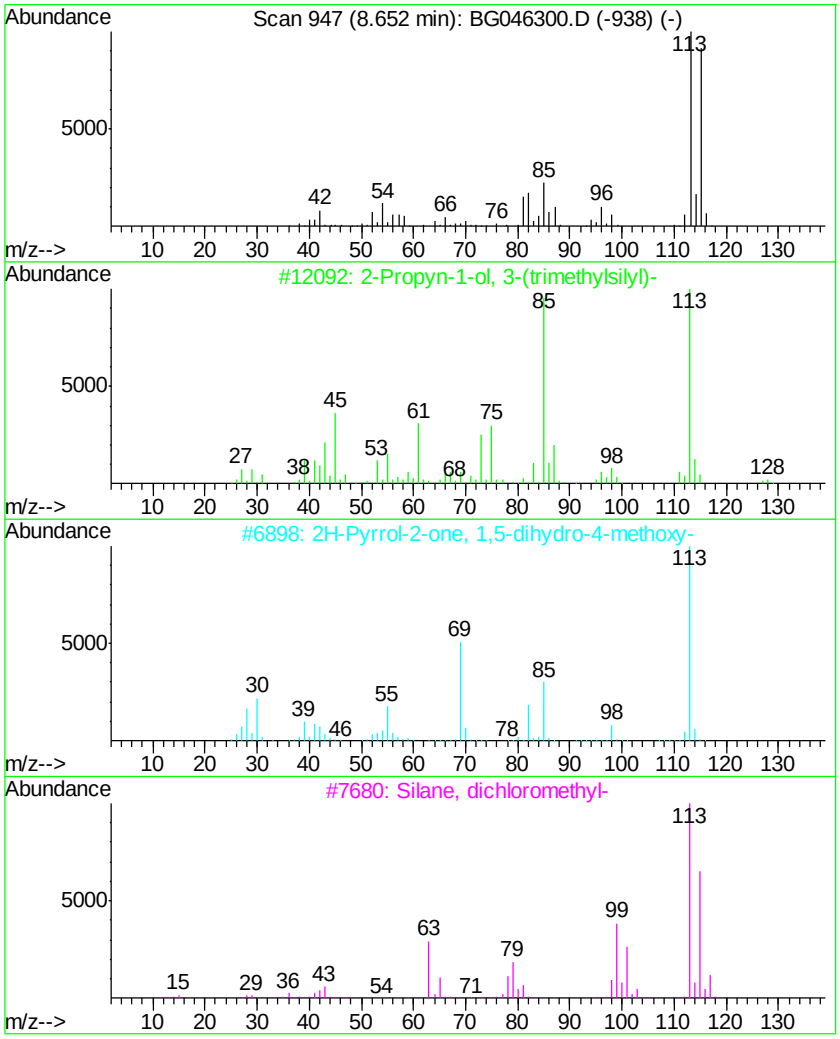
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

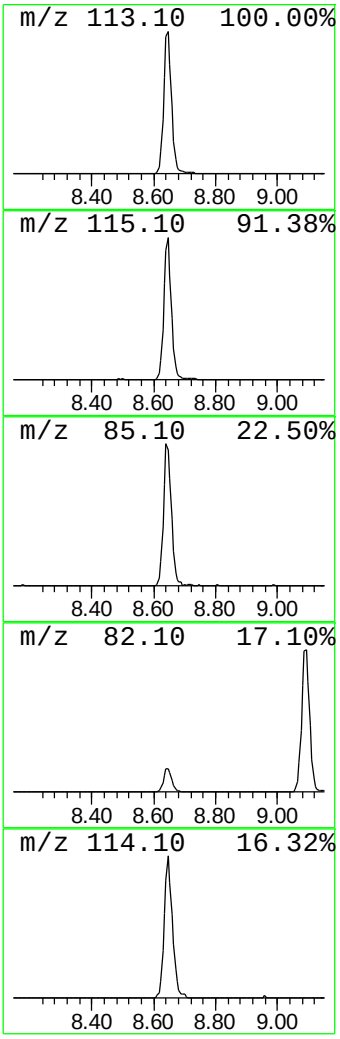
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	31.13 ng/ul	538560	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	43
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	38
3	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
4	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	35
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





Library Search Compound Report

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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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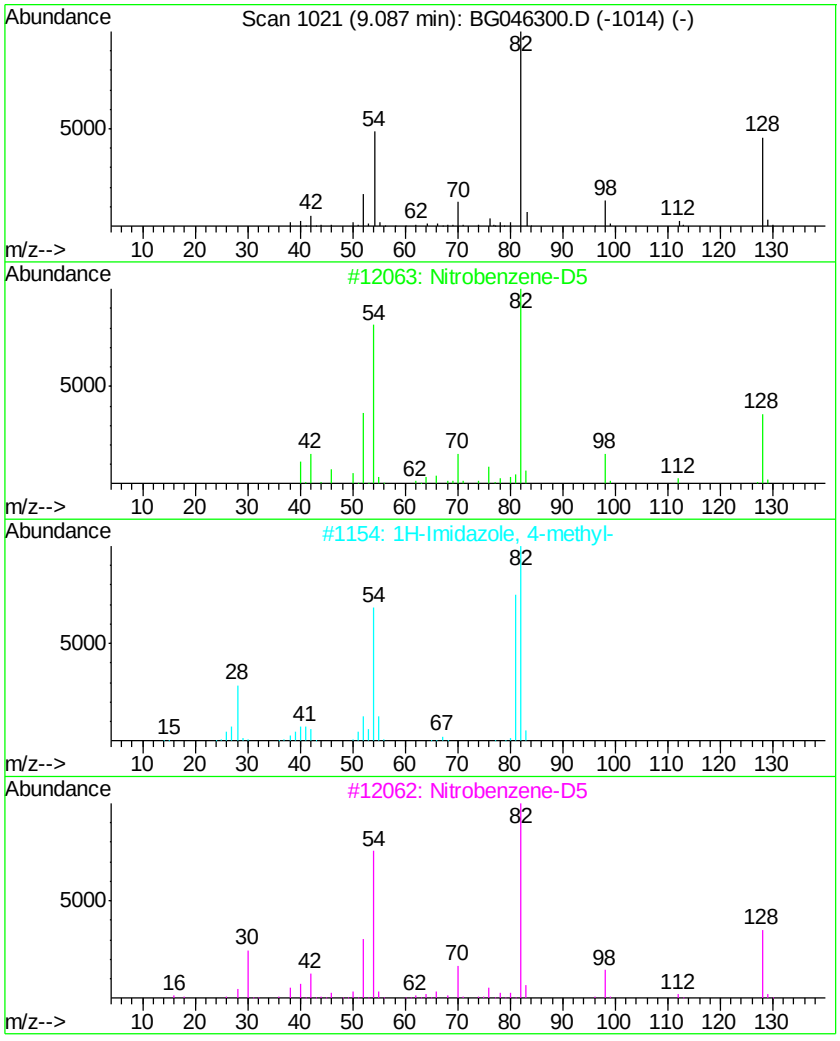
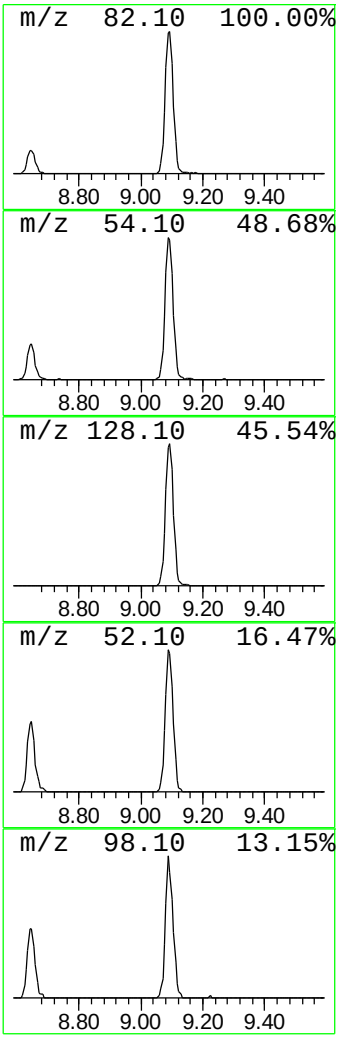
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	22.42 ng/ul	387796	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	Furan, 3-methyl-	82	C5H6O	000930-27-8	7





Library Search Compound Report

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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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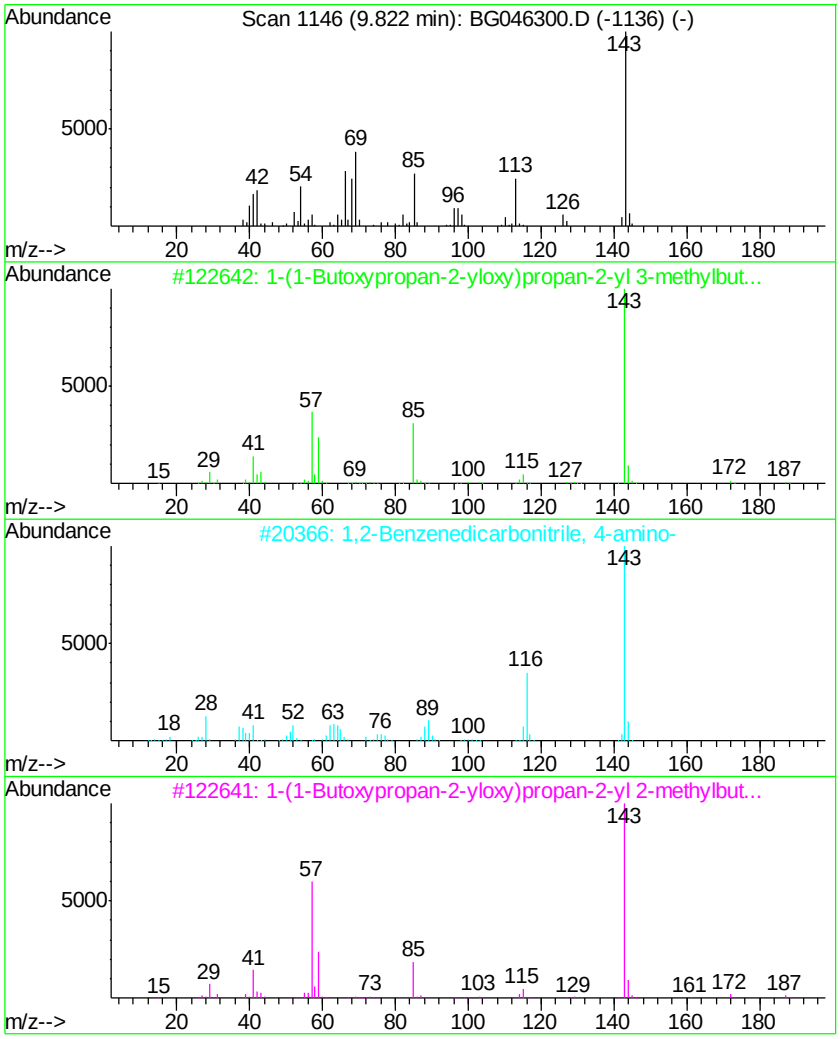
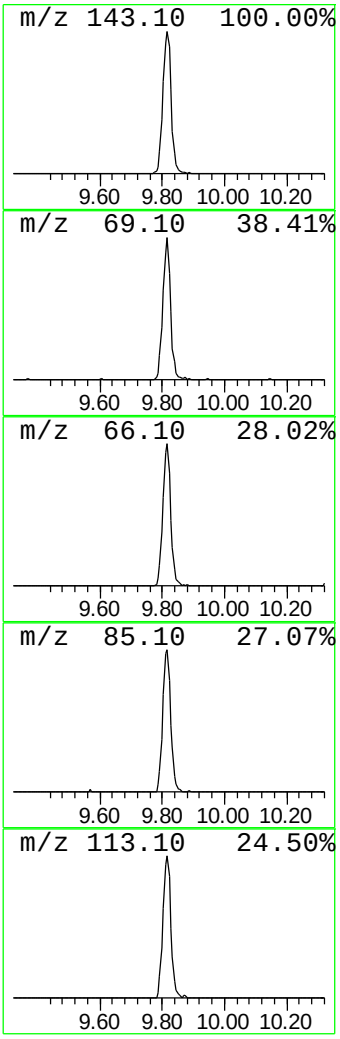
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.35 ng/ul	333461	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	27
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-10-9	10
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	10
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10





Library Search Compound Report

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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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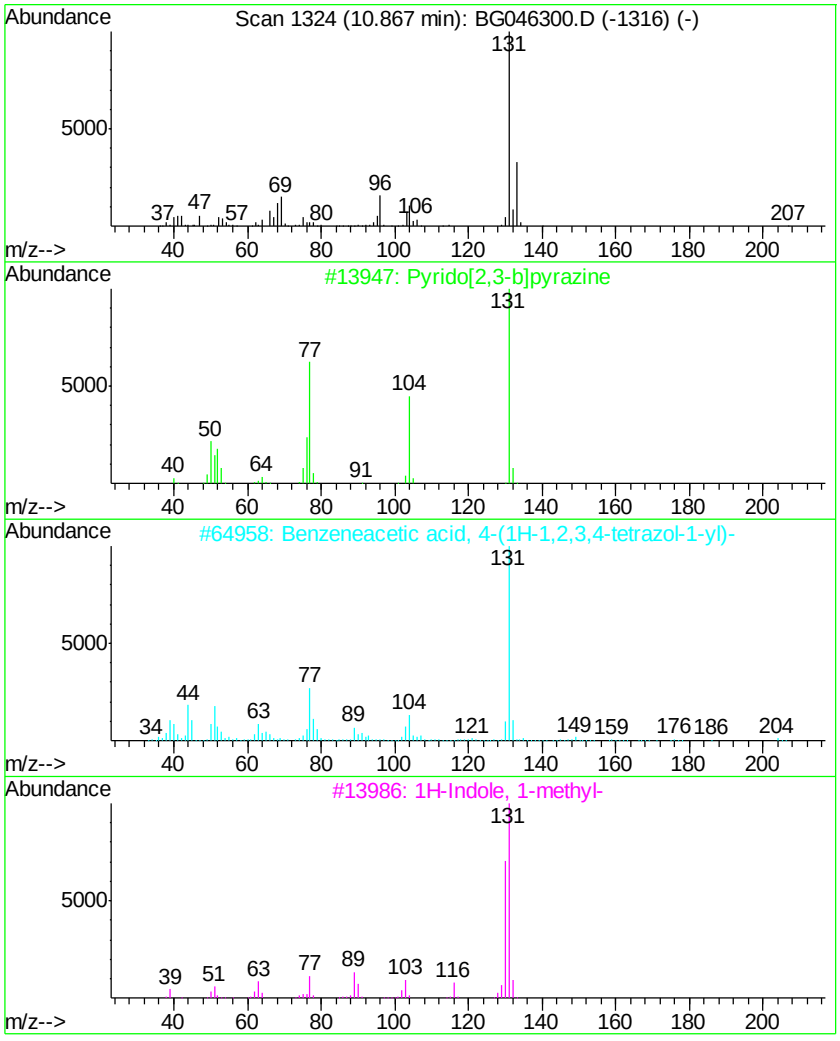
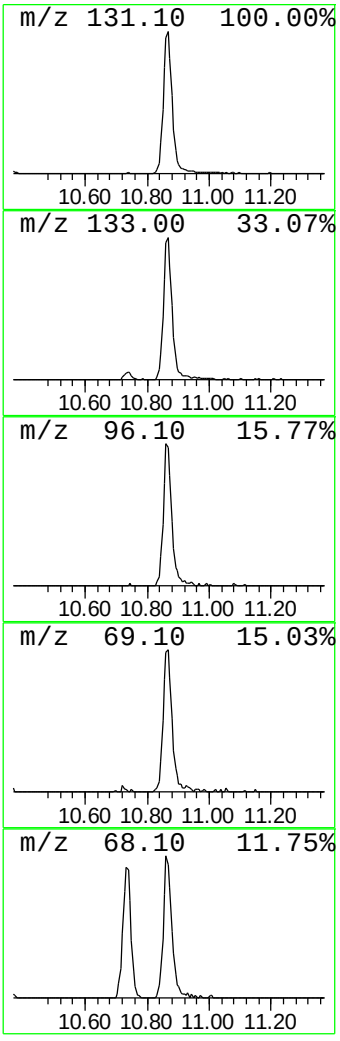
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	16.98 ng/ul	458432	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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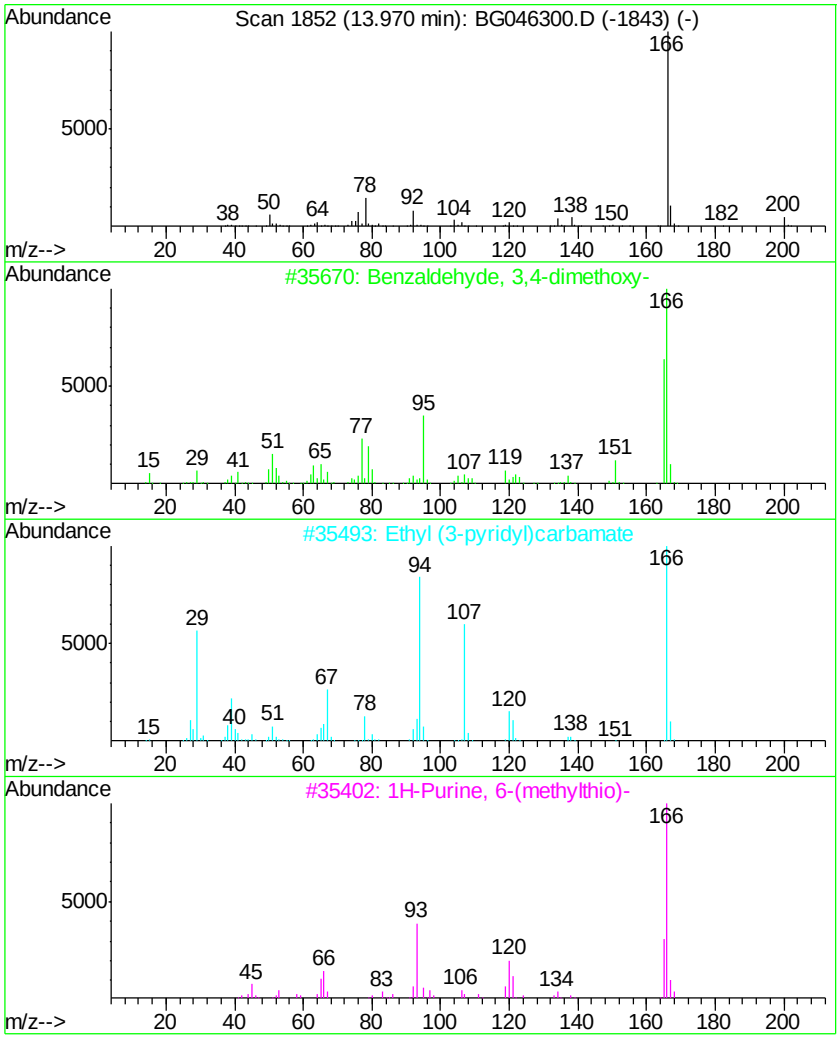
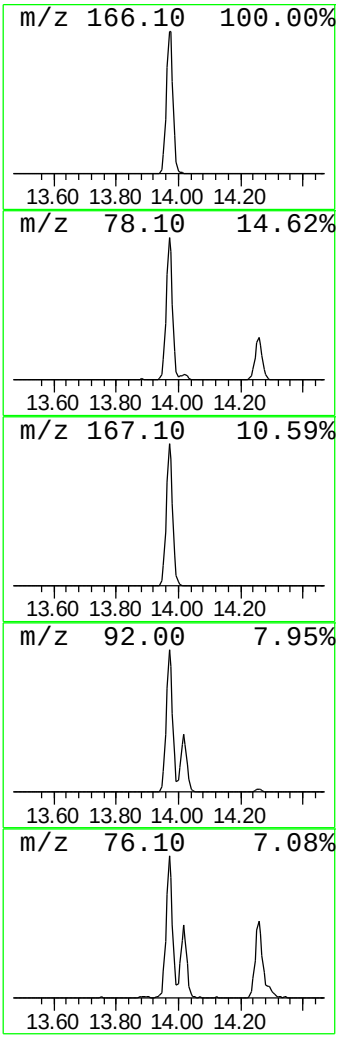
Peak Number 9 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	23.07 ng/ul	994920	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





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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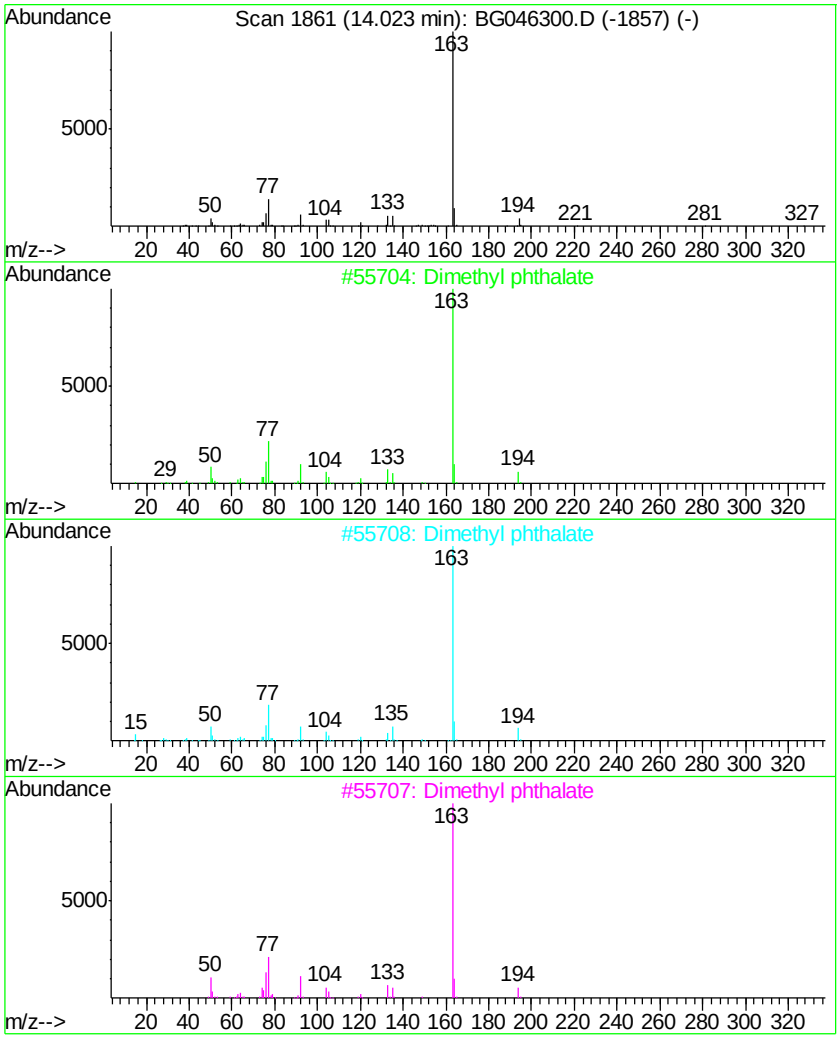
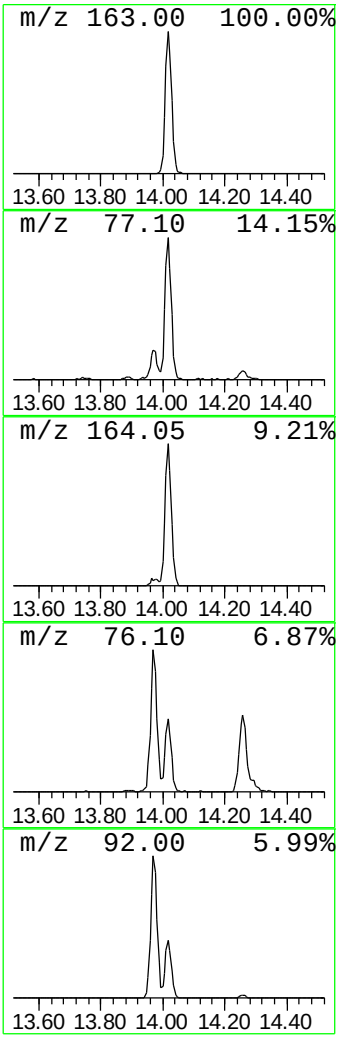
Peak Number 10 Dimethyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	9.39 ng/ul	404831	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	95
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	94
4	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	83
5	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	83





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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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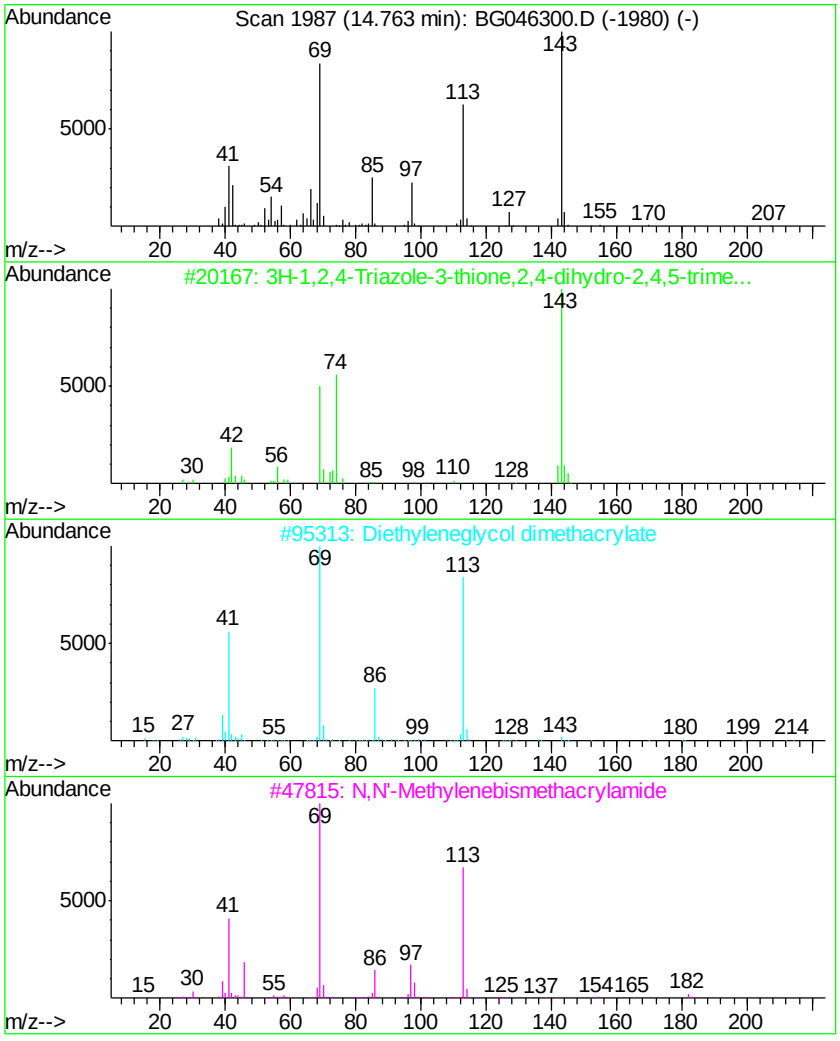
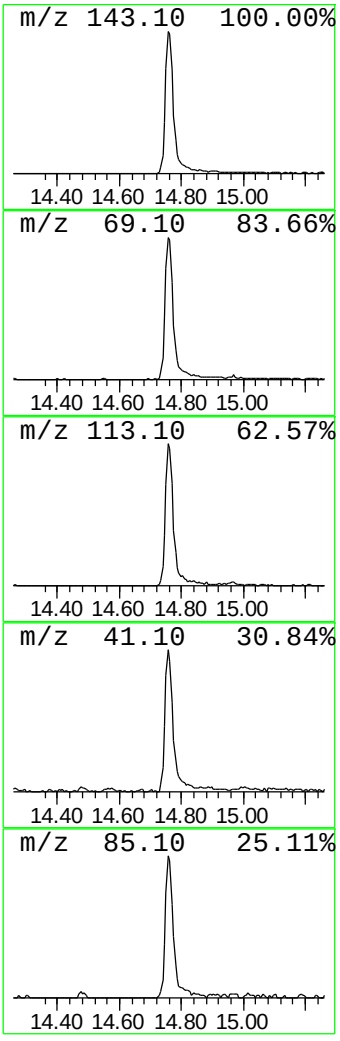
Peak Number 11 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.61 ng/ul	414346	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	27
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
4	Glutaric acid, docosyl ethyl ester	468	C29H56O4	1000359-69-6	22
5	Diazene, 1-cyclopentyl-2-methoxy...	144	C6H12N2O2	108201-44-1	16





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Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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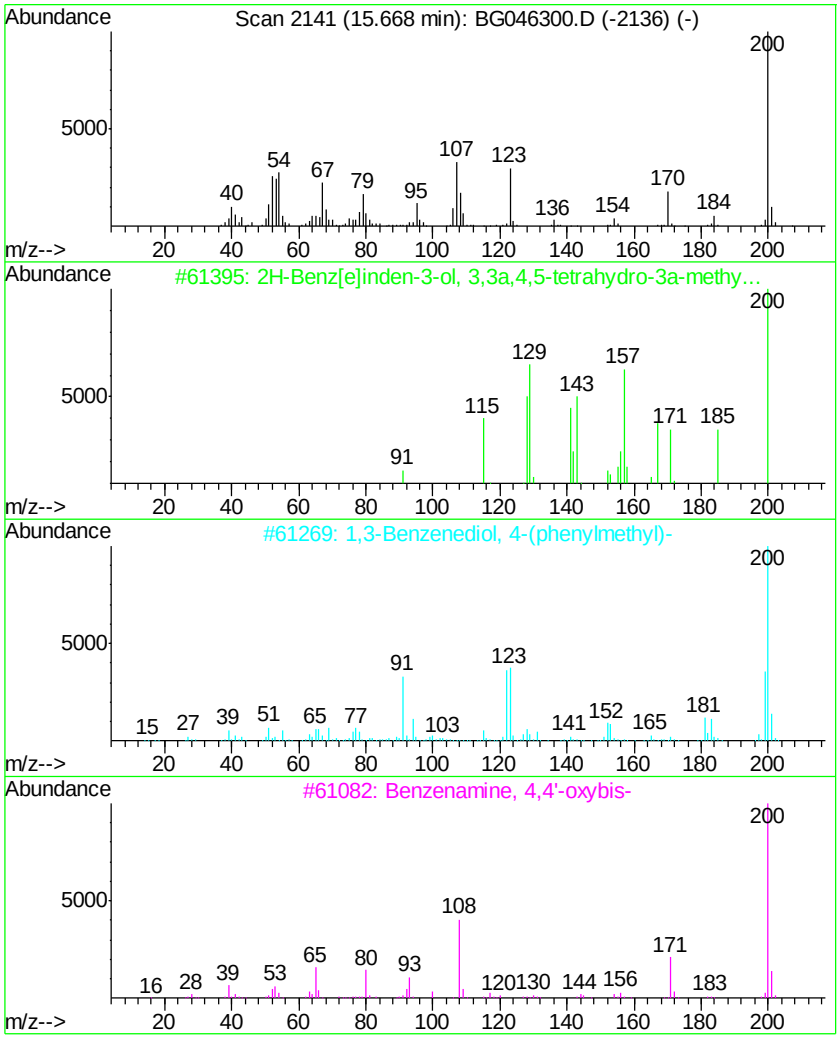
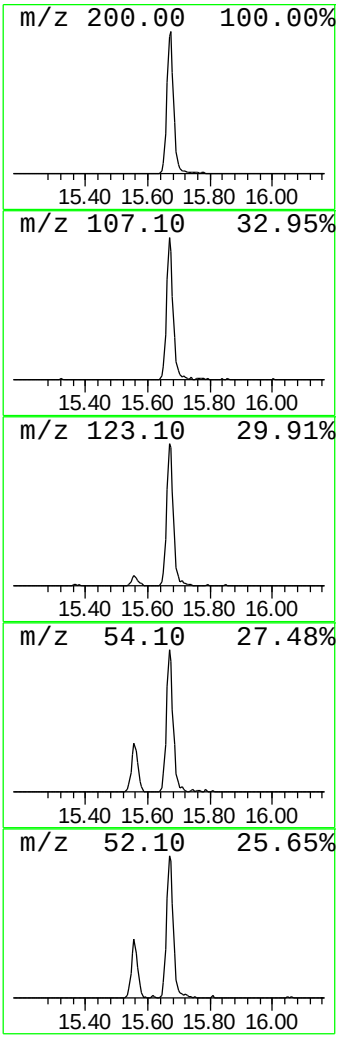
Peak Number 12 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	11.05 ng/ul	476418	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	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	25
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	22
4	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	22
5	2-Aminocaprylic acid, N-propoxyc...	469	C28H55NO4	1000325-43-2	22





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Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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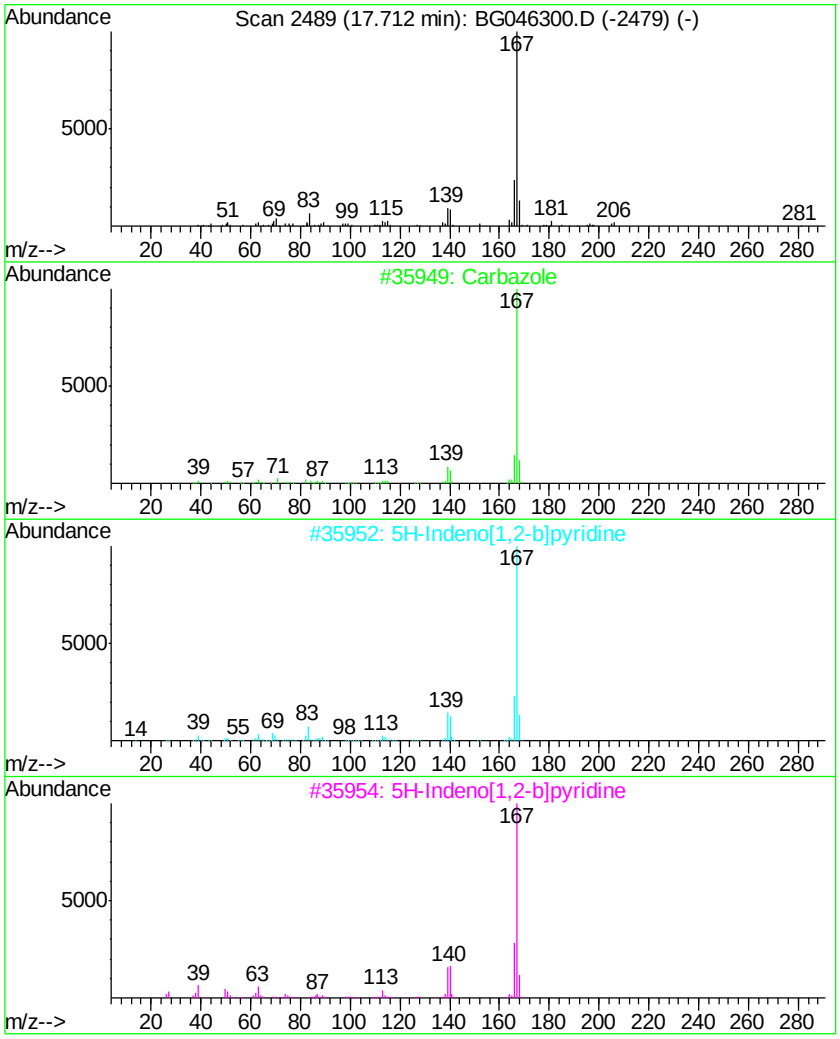
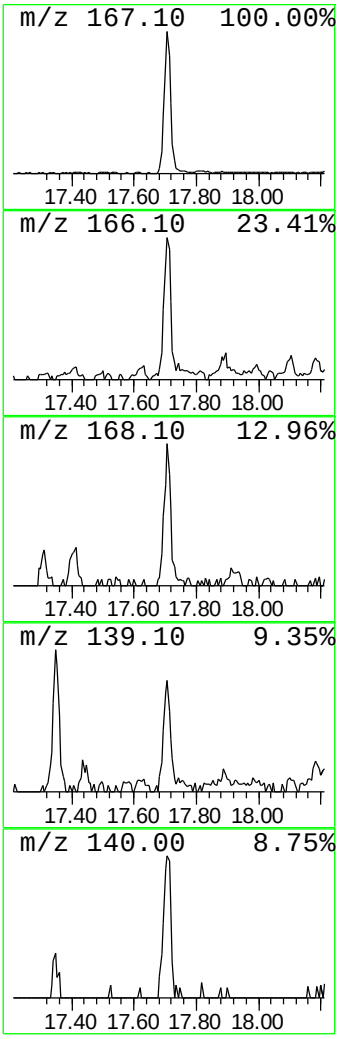
Peak Number 13 Carbazole Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.01 ng/ul	121571	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	93
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	87





Library Search Compound Report

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Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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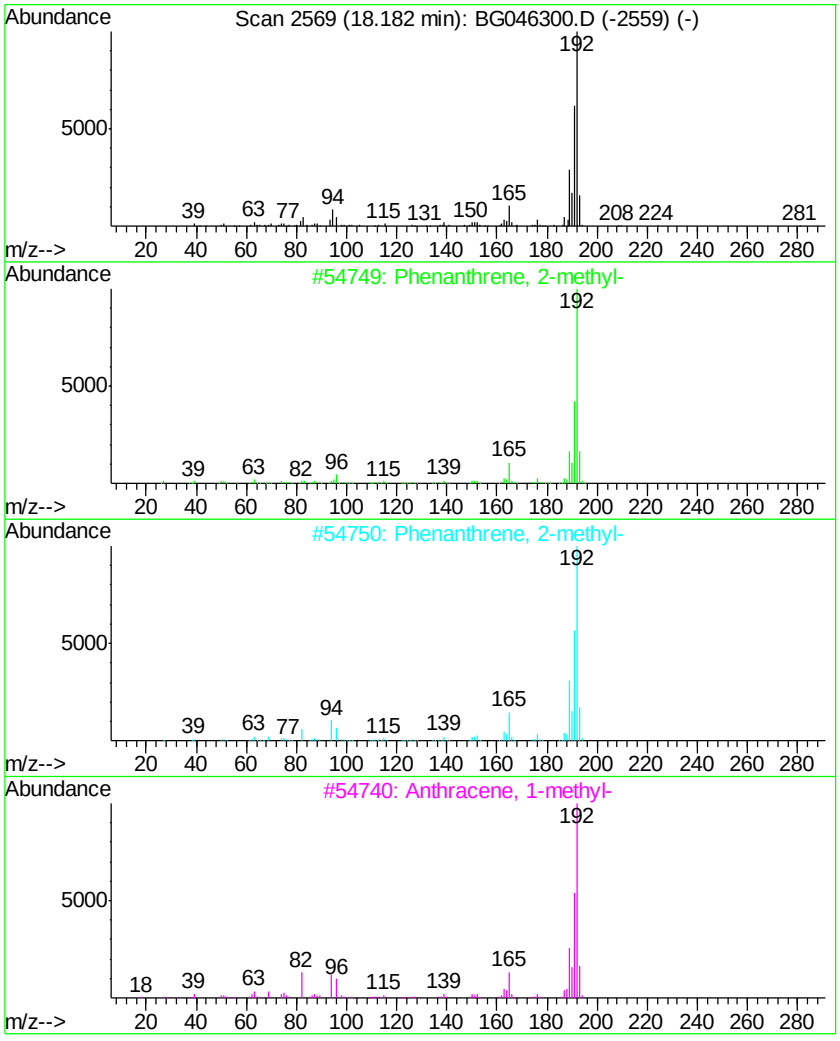
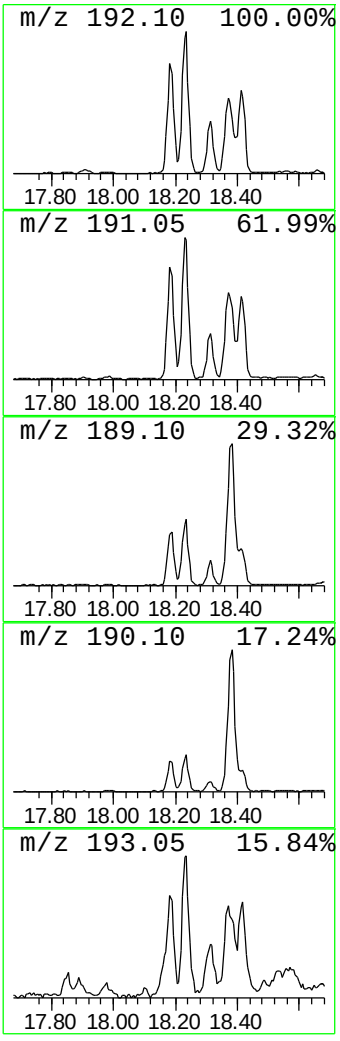
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.45 ng/ul	208161	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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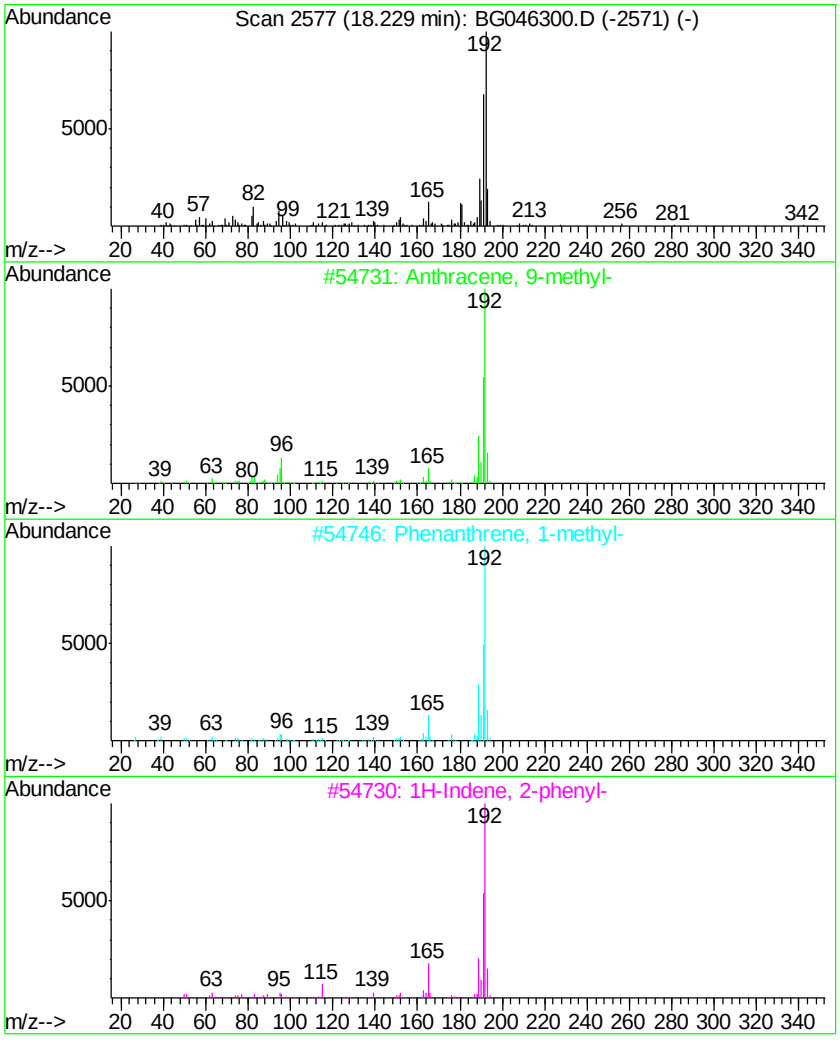
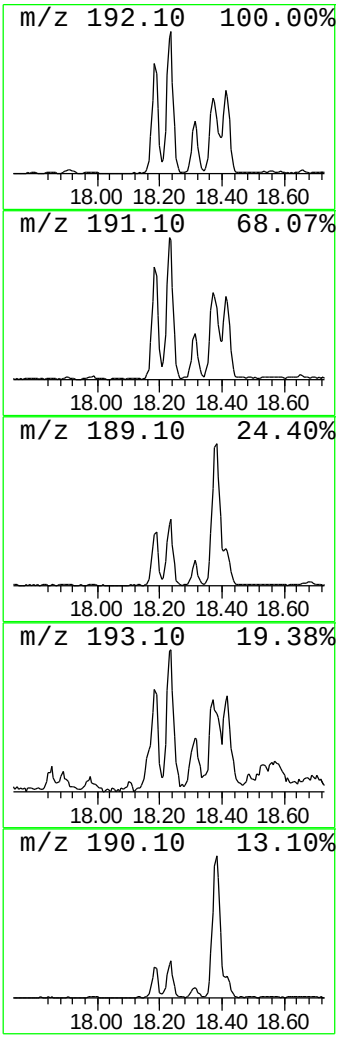
Peak Number 15 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	7.34 ng/ul	443119	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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Quant Title : SVOA CALIBRATION

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

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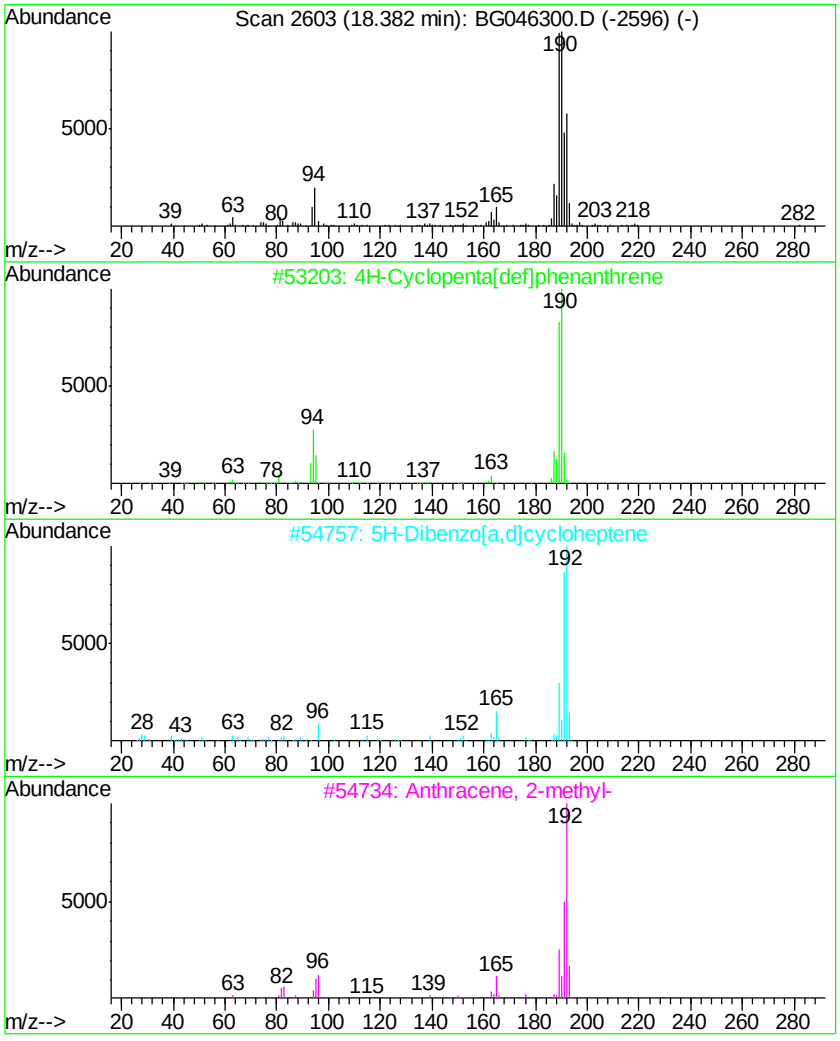
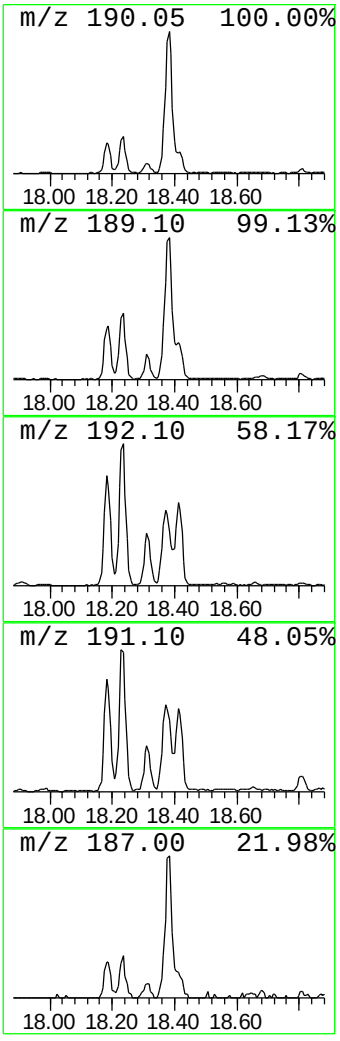
Peak Number 16 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.44 ng/ul	328463	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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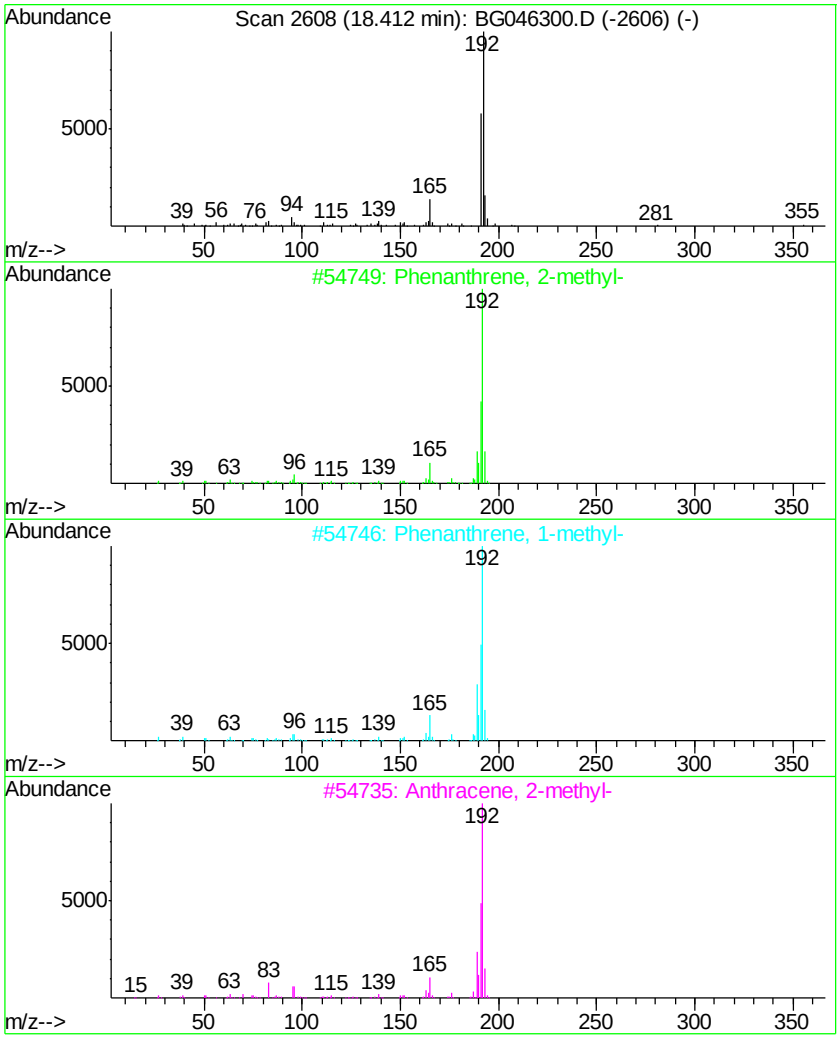
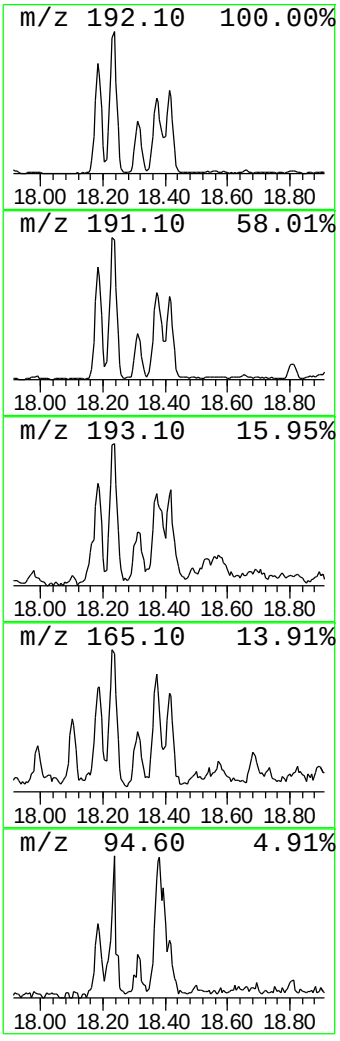
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.21 ng/ul	133789	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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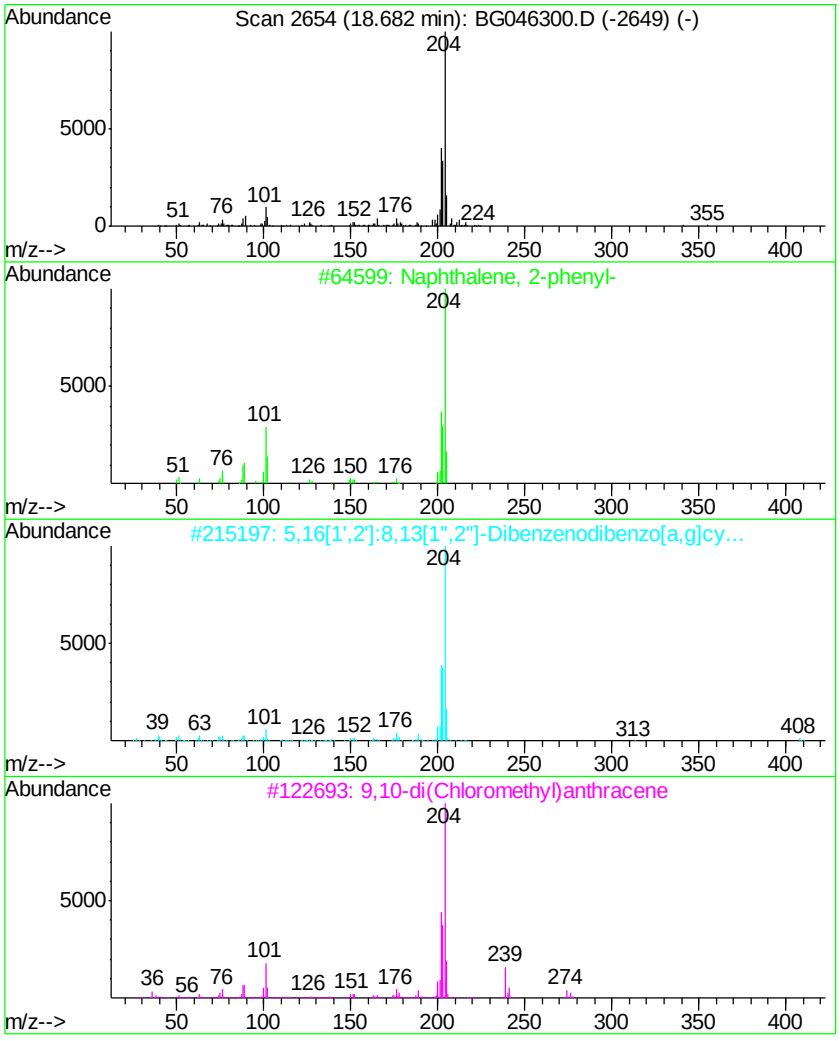
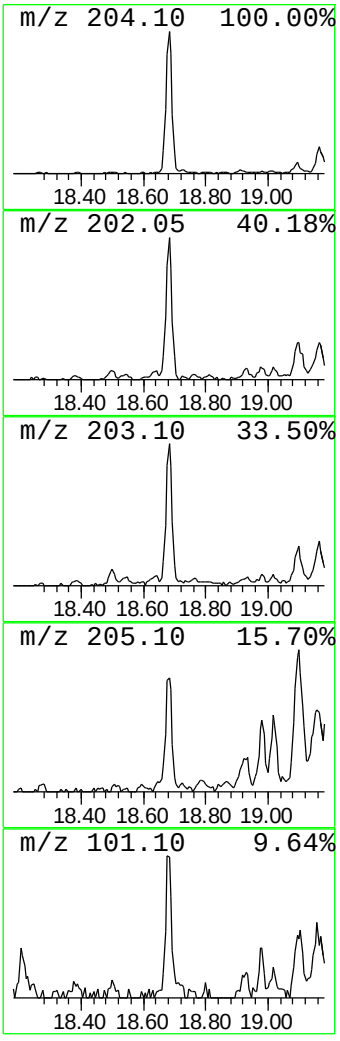
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.79 ng/ul	168615	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	87
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64





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Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

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

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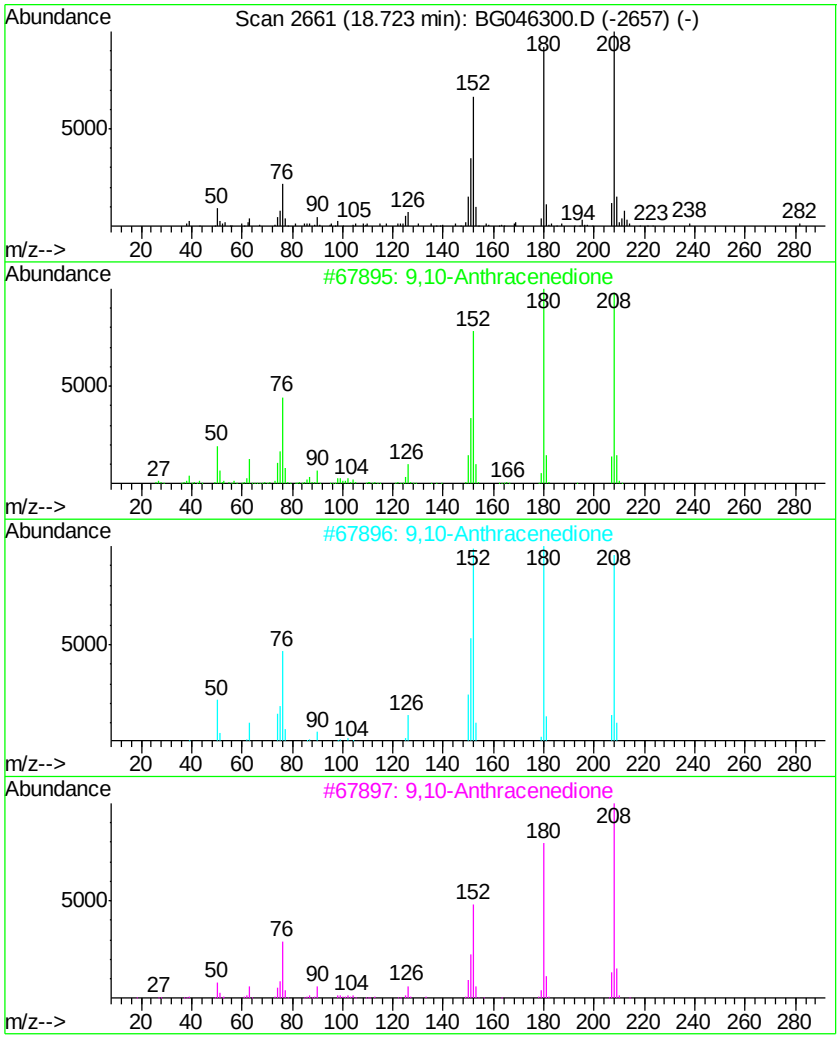
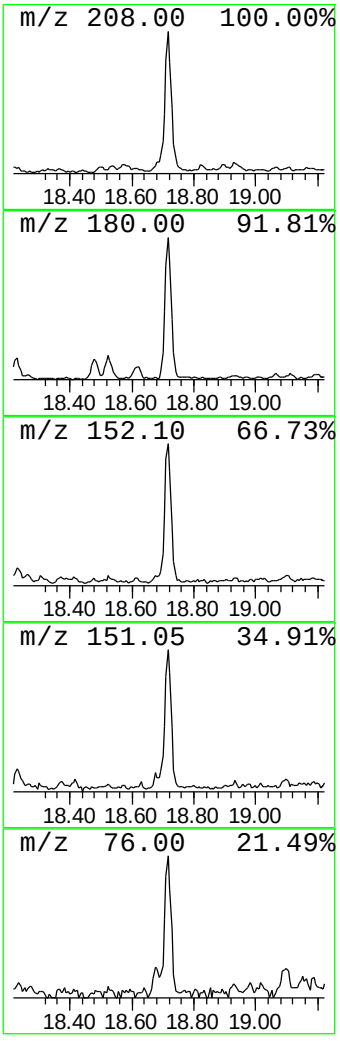
Peak Number 19 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.78 ng/ul	168136	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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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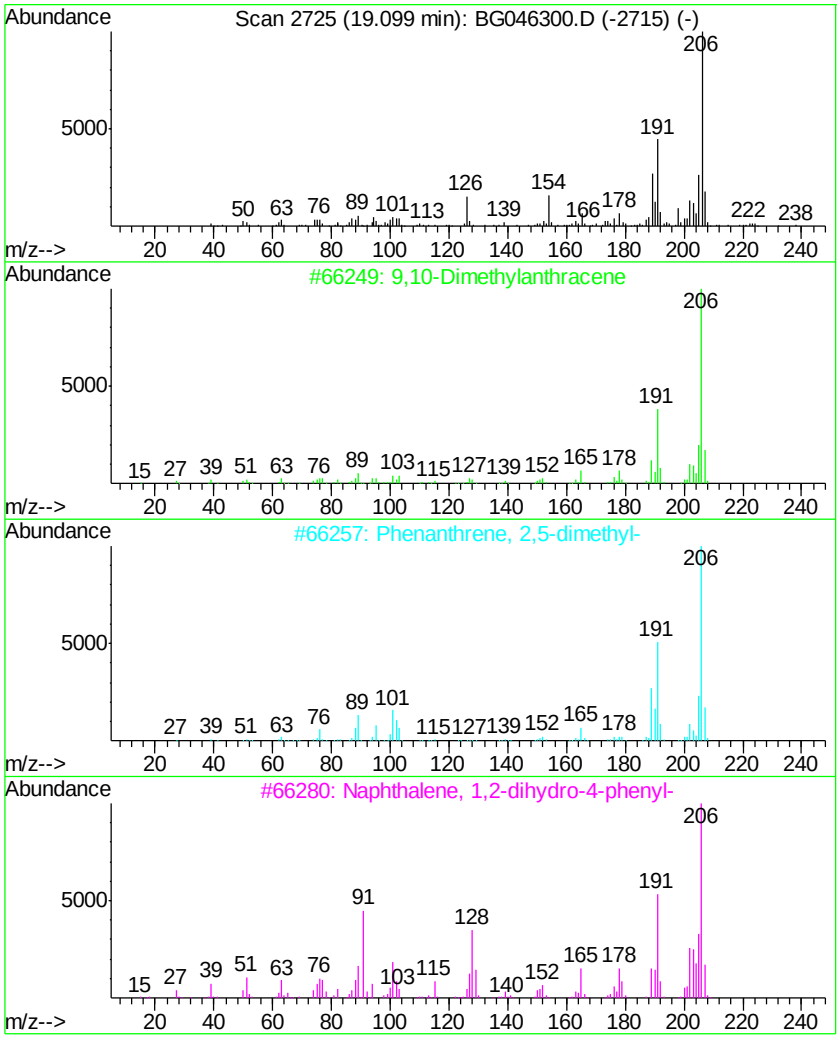
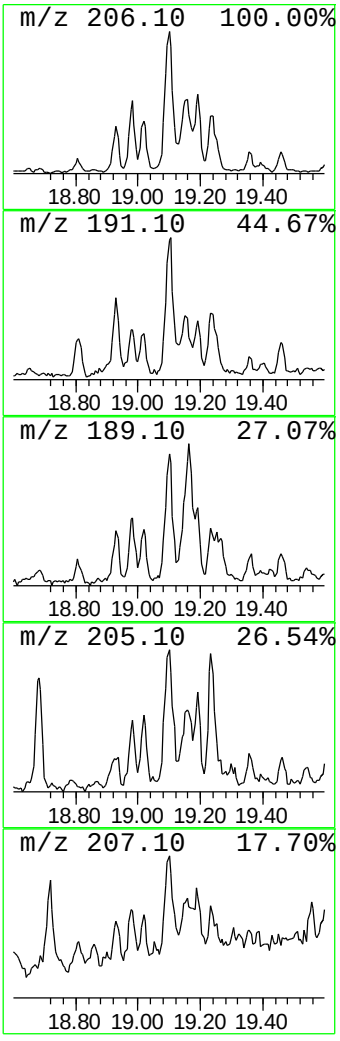
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.41 ng/ul	266484	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	93
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

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

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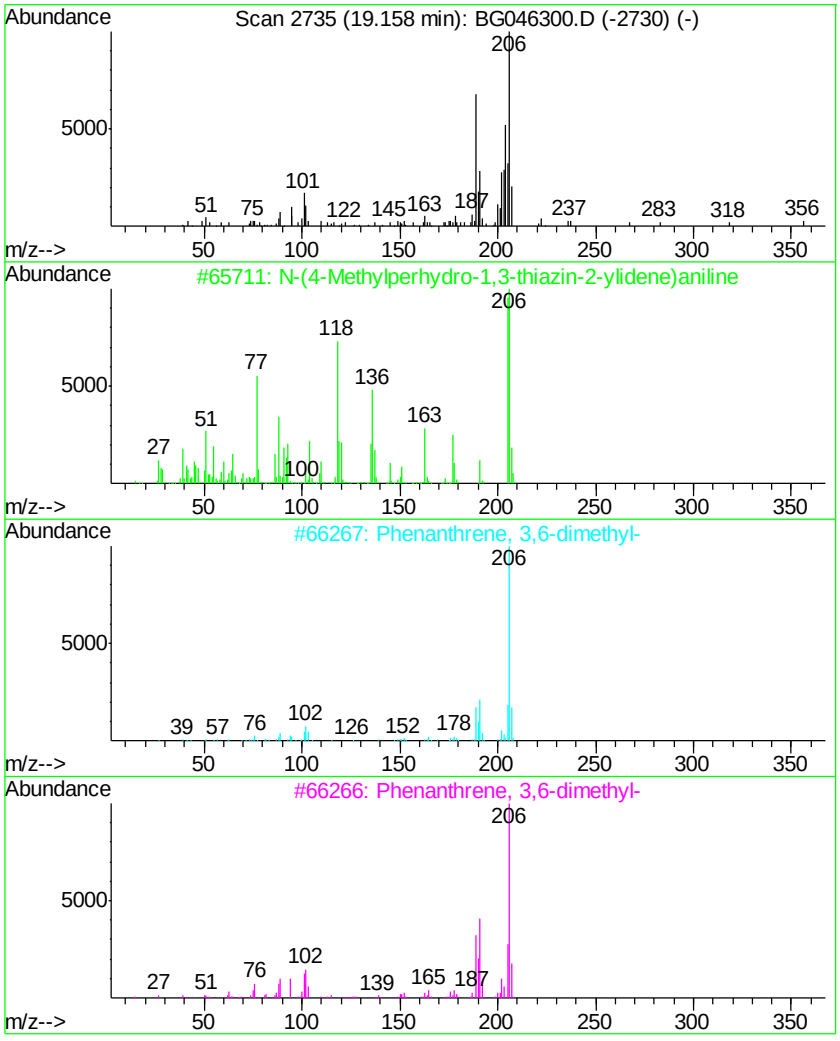
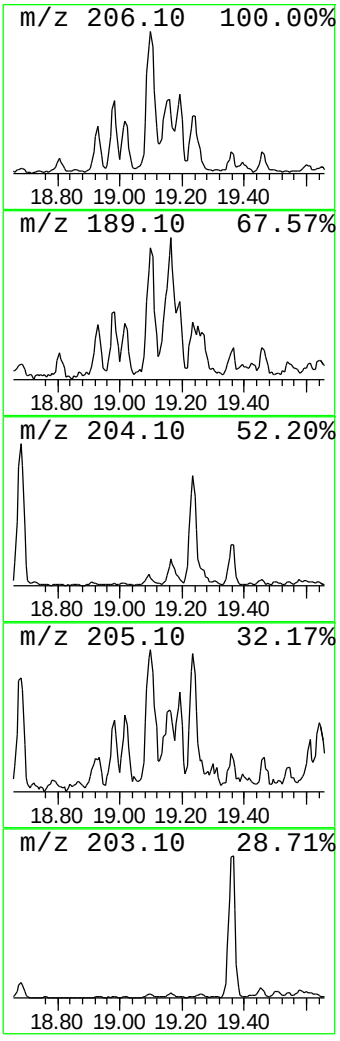
Peak Number 21 unknown-10 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.04 ng/ul	123095	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Methylperhydro-1,3-thiazin-...	206	C11H14N2S	010554-34-4	35
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	27
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	25
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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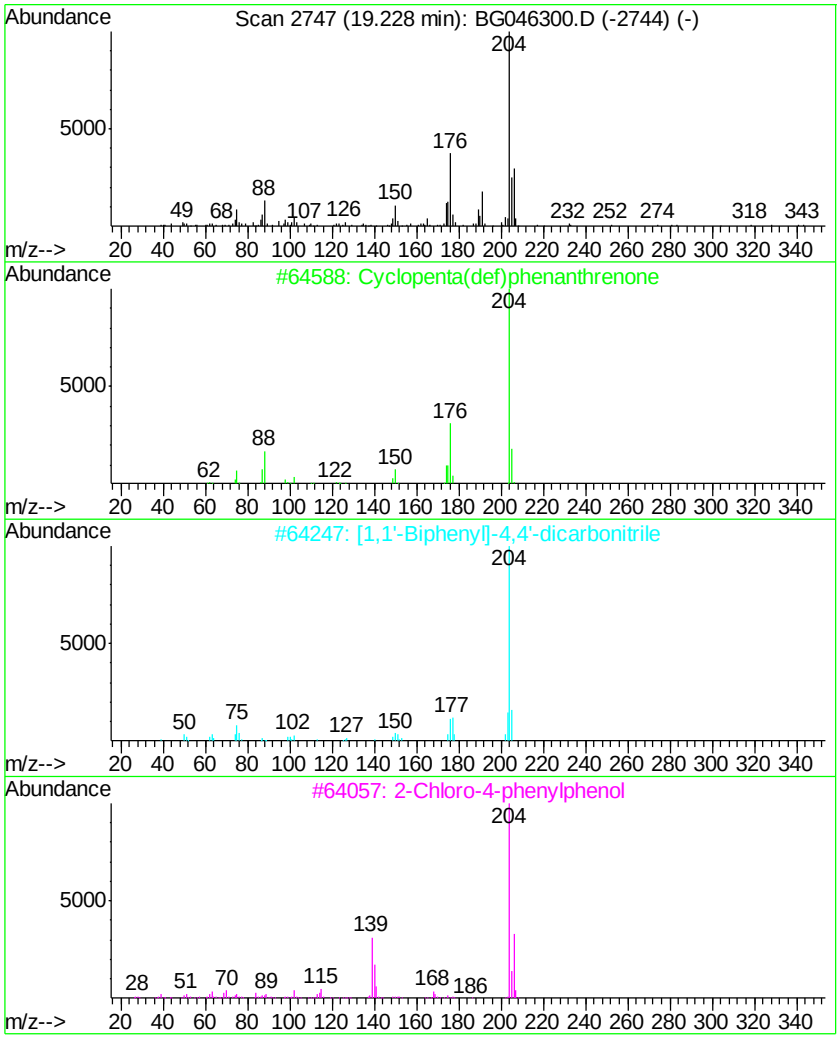
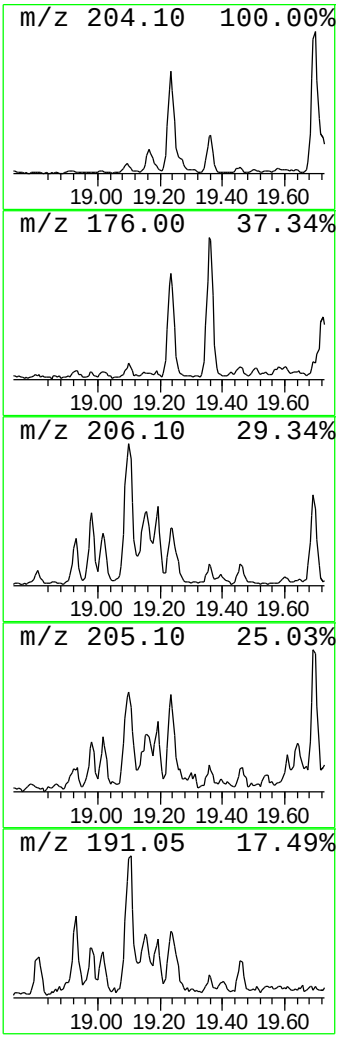
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.07 ng/ul	185570	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43





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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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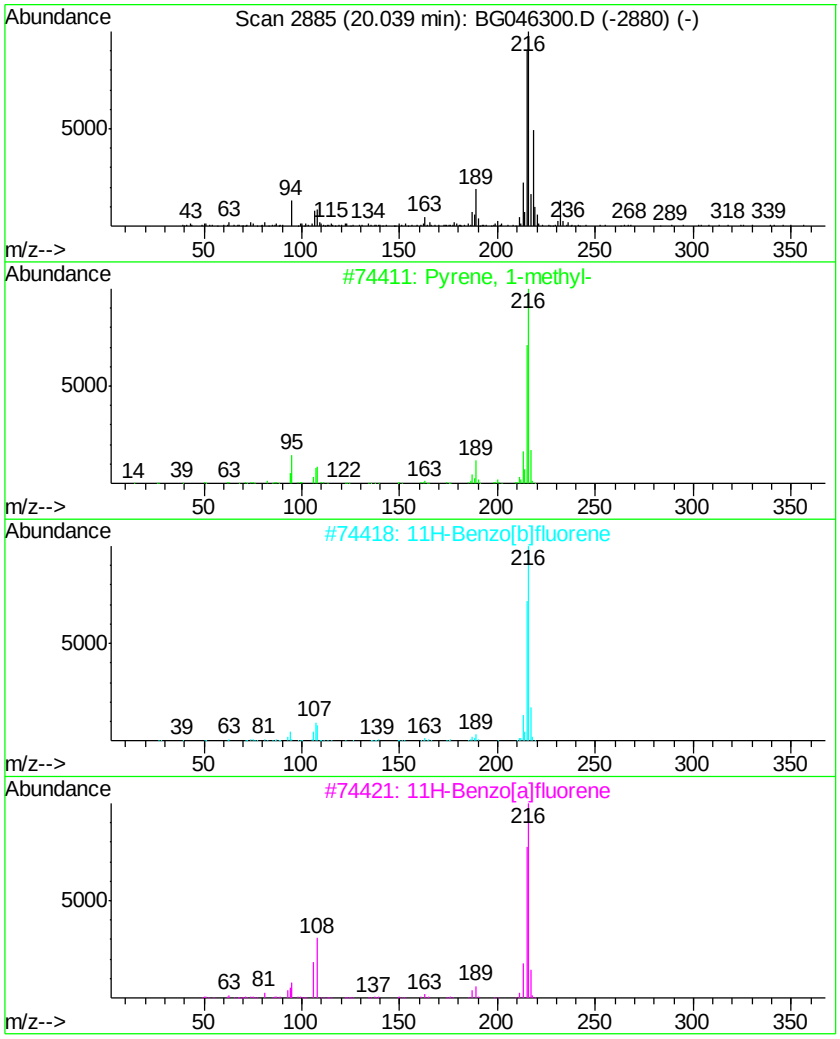
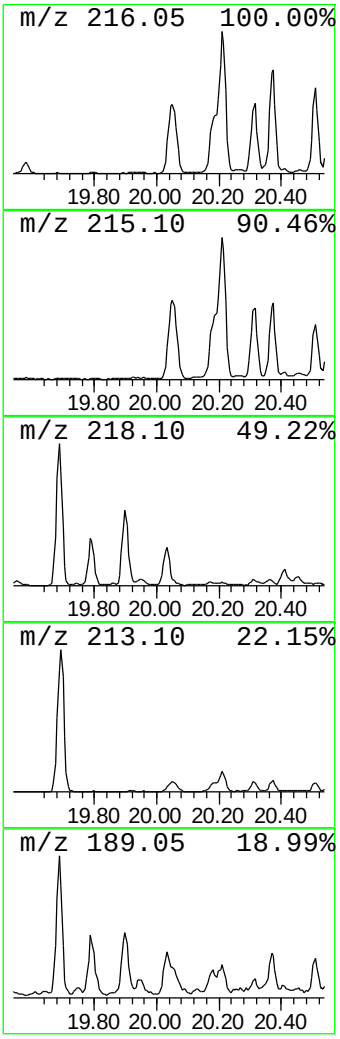
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.57 ng/ul	369145	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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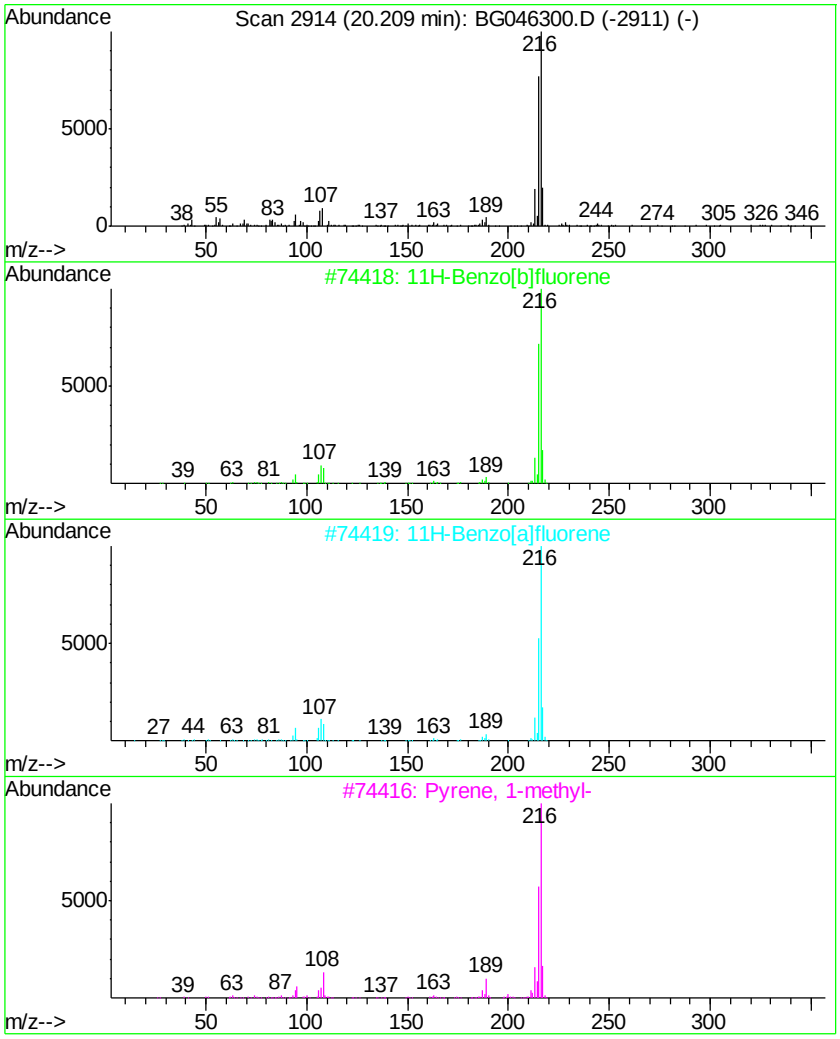
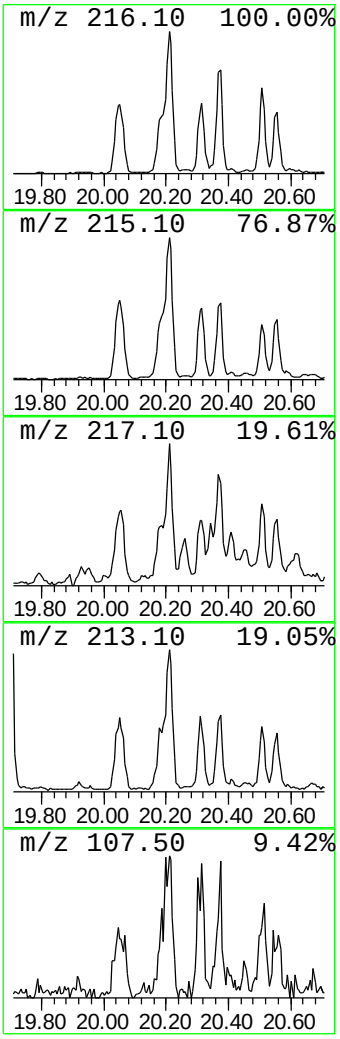
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.14 ng/ul	307200	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Library Search Compound Report

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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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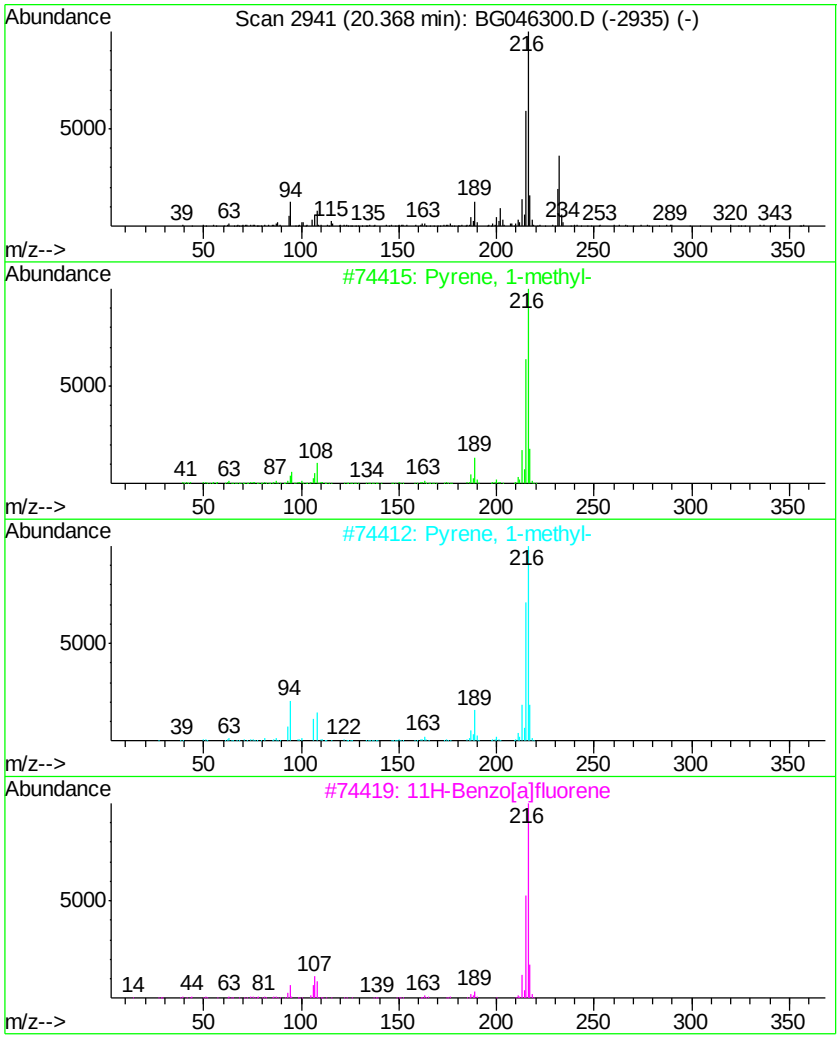
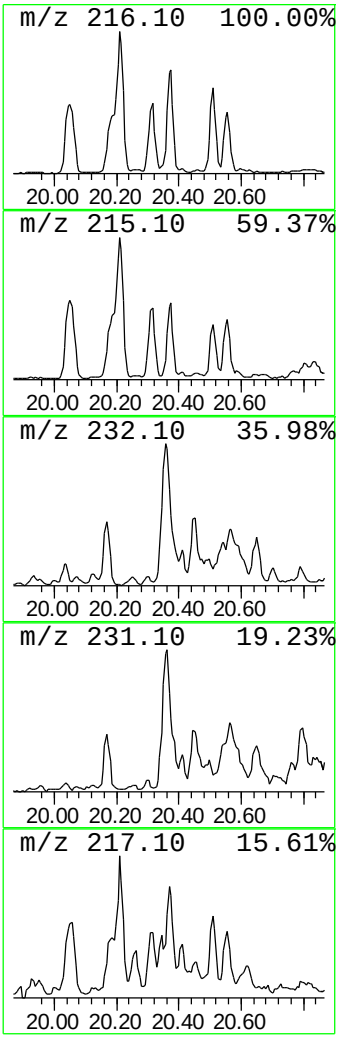
Peak Number 25 11H-Benzo[a]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.21 ng/ul	318181	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	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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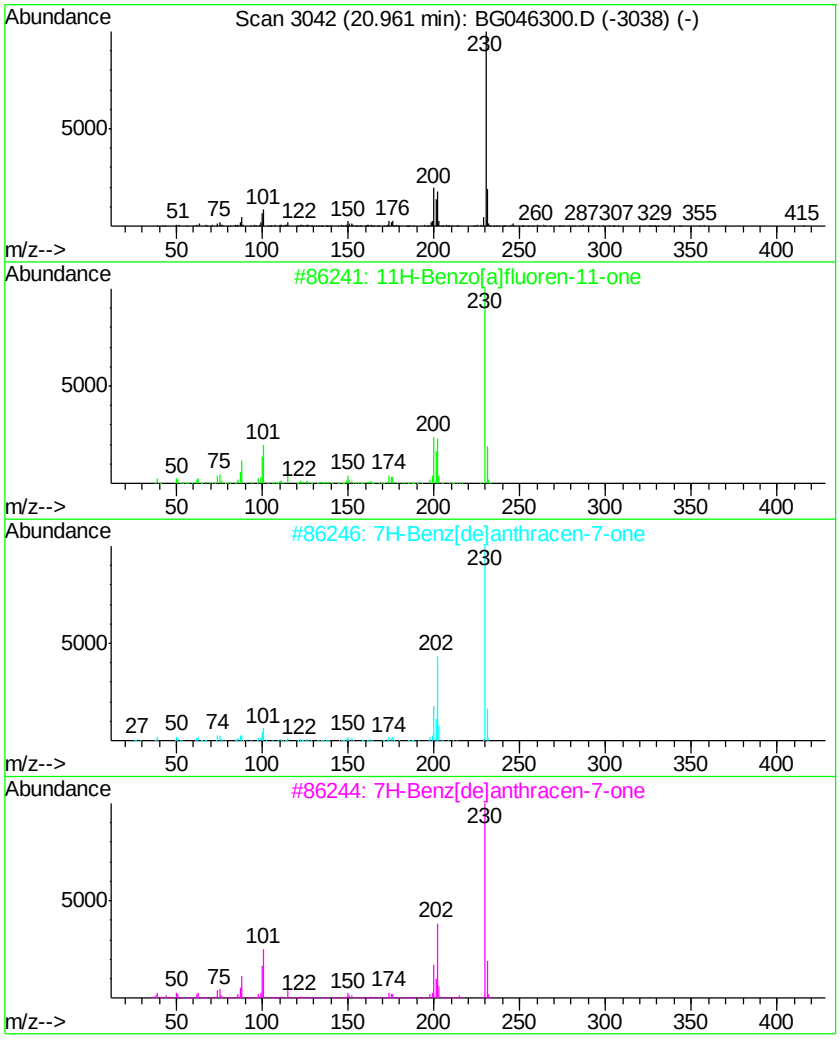
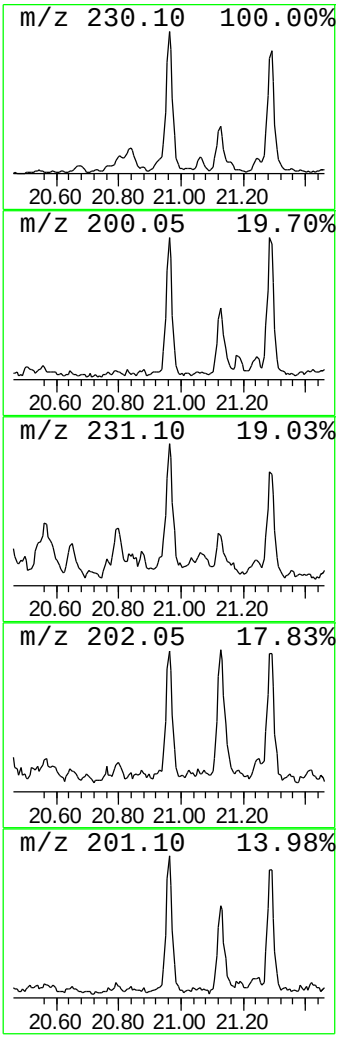
Peak Number 26 11H-Benzo[a]fluoren-11-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.03 ng/ul	292137	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
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	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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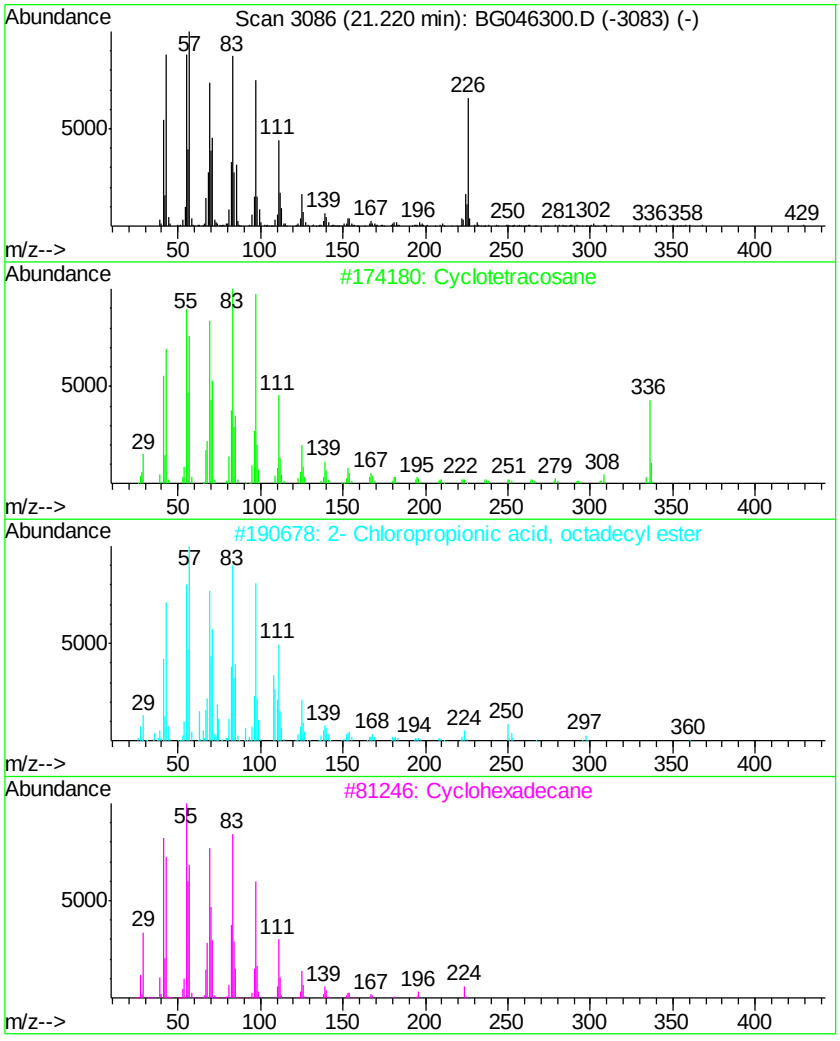
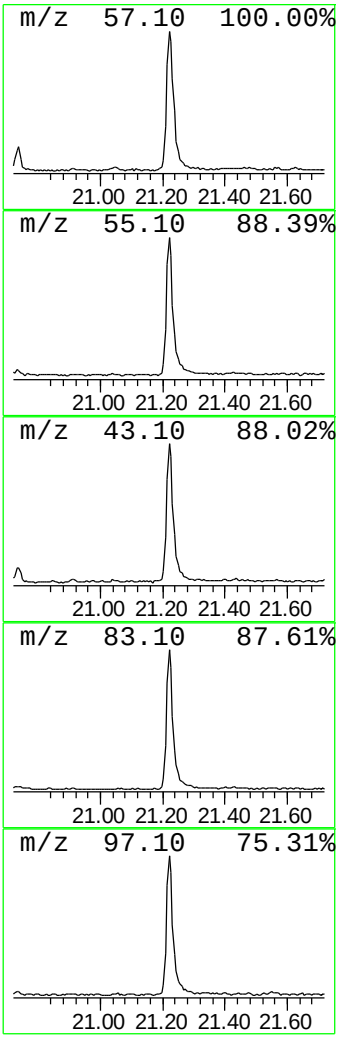
Peak Number 27 (DEL) Alkane: Cyclic21.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	7.58 ng/ul	1090080	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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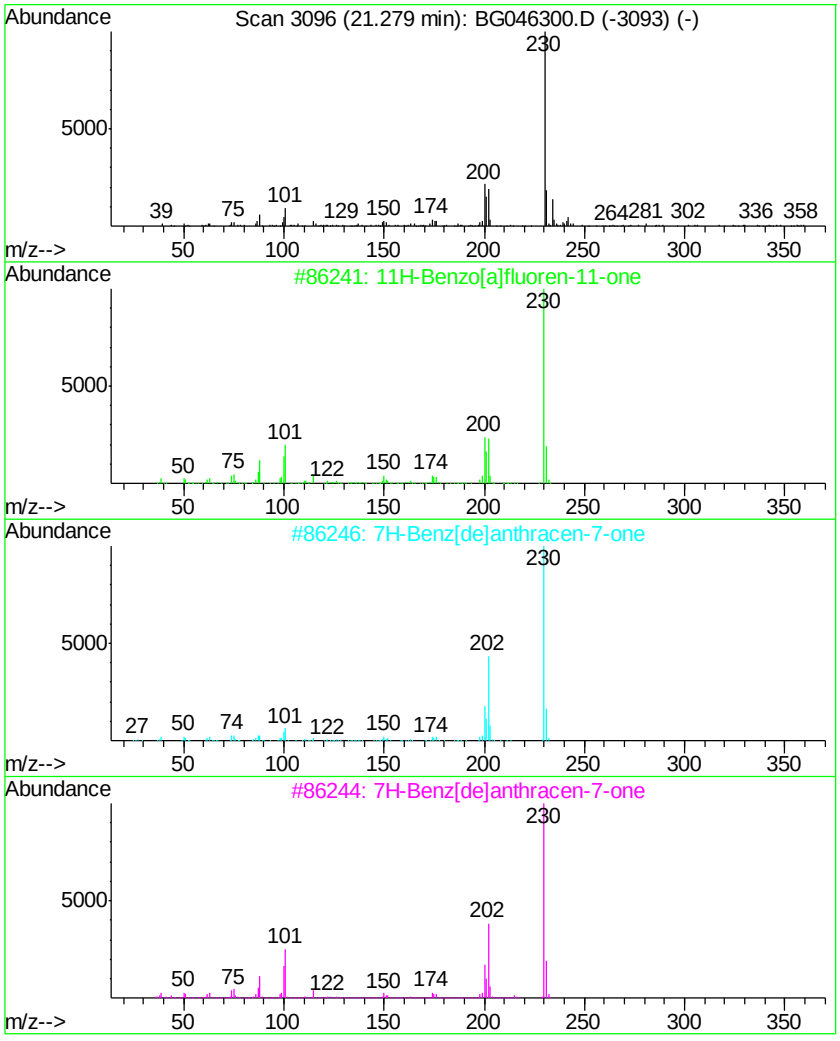
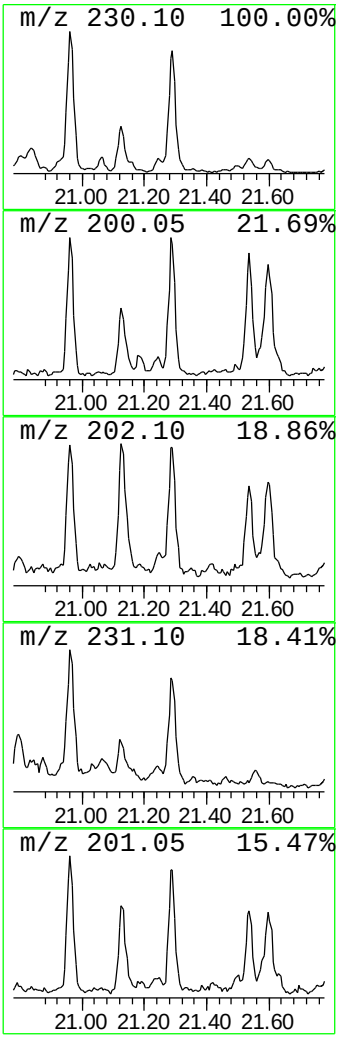
Peak Number 28 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.46 ng/ul	354494	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	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

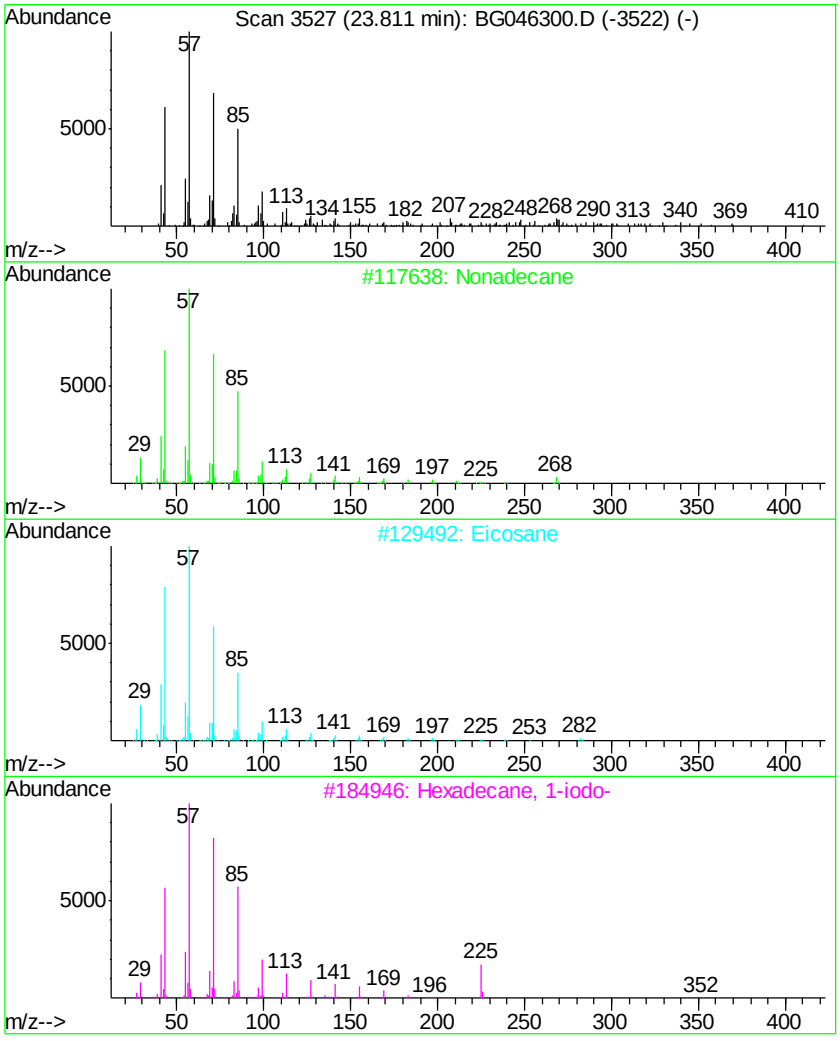
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

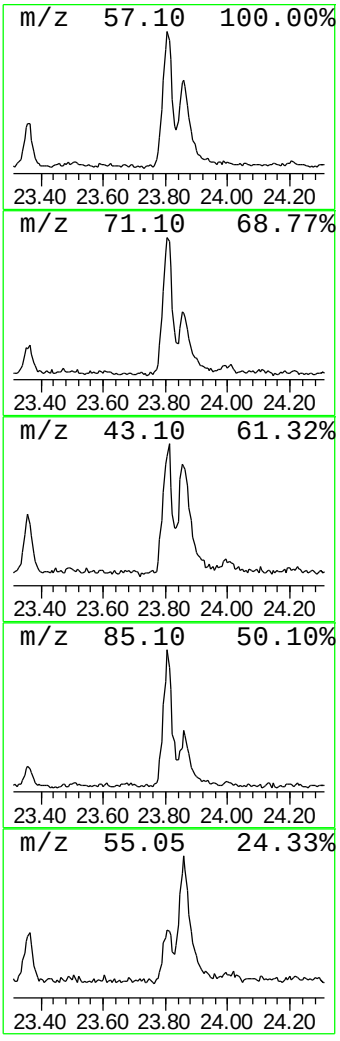
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.43 ng/ul	176316	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	89
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	83





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Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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

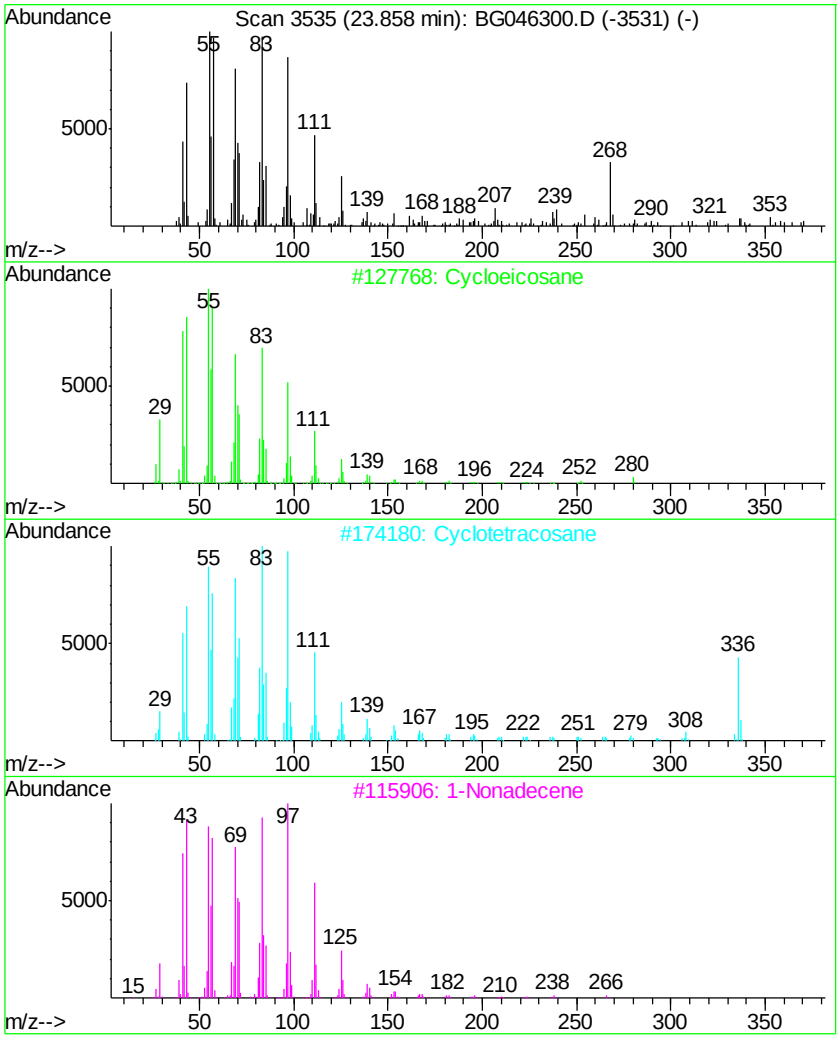
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

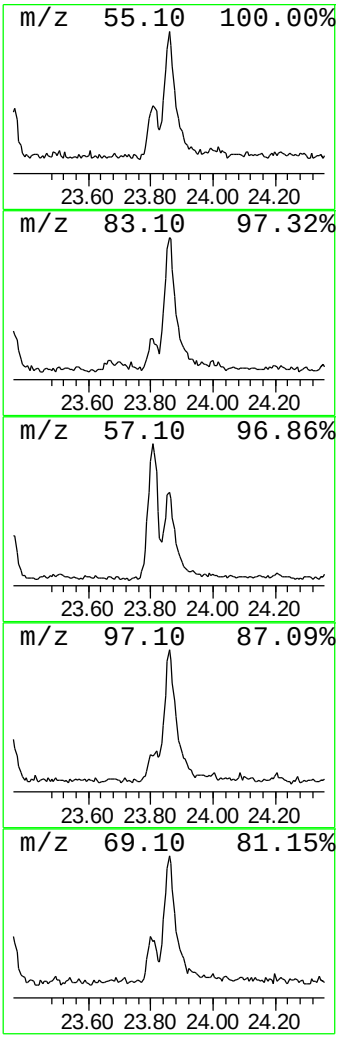
****

Peak Number 30 (DEL) Alkane: Cyclic23.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	4.03 ng/ul	291850	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Cyclotetracosane	336	C24H48	000297-03-0	98
3	1-Nonadecene	266	C19H38	018435-45-5	97
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cyclotetracosane	336	C24H48	000297-03-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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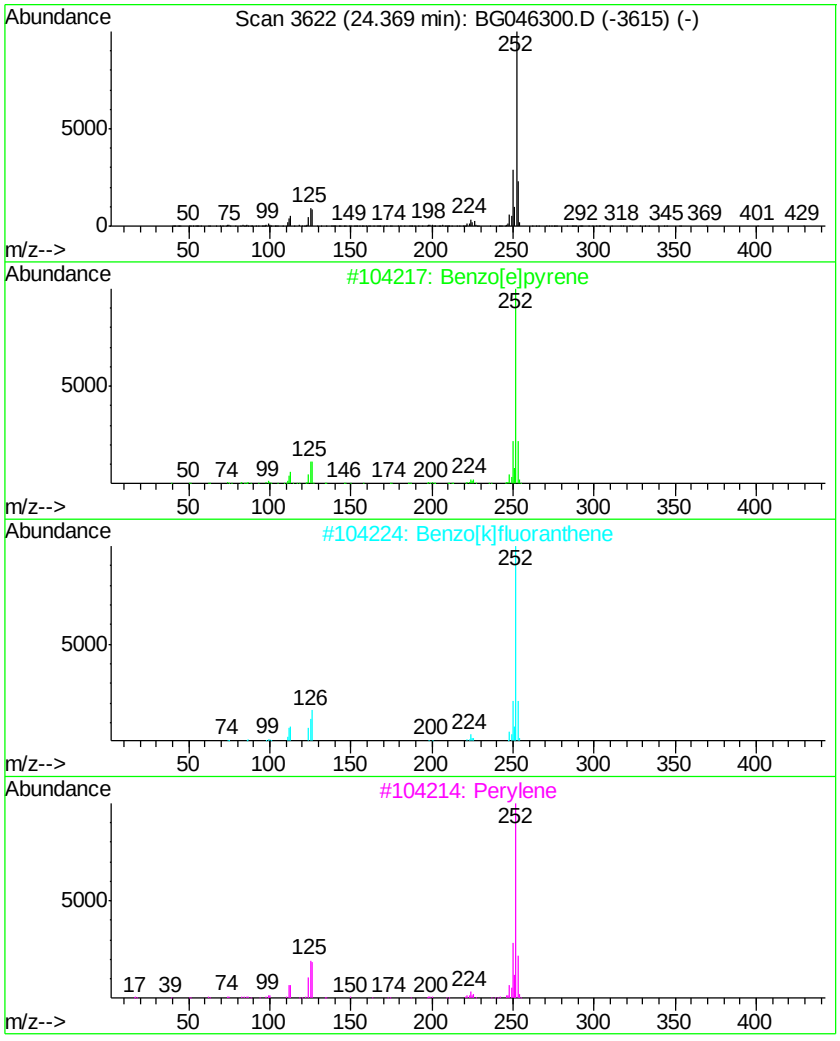
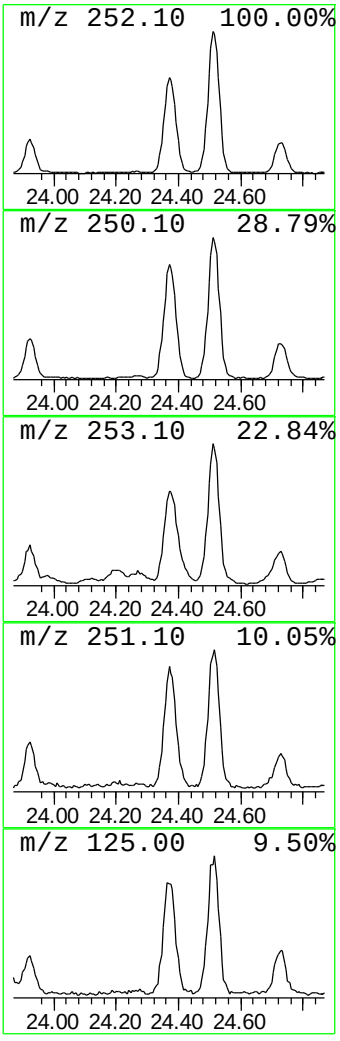
Peak Number 32 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	10.55 ng/ul	764691	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	97
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

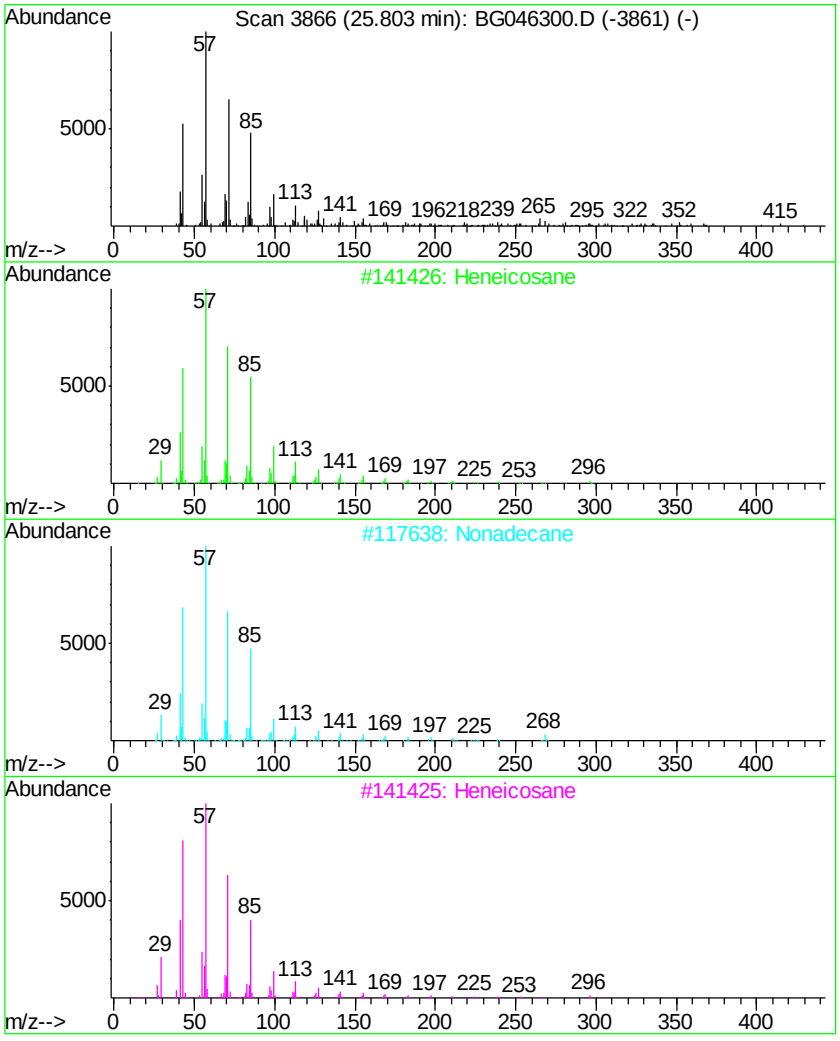
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

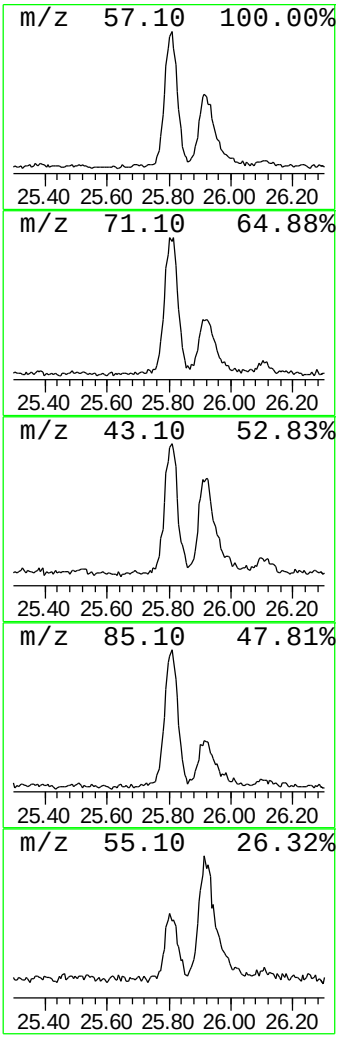
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	4.30 ng/ul	311699	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heneicosane	296	C21H44	000629-94-7	94
4	Docosane	310	C22H46	000629-97-0	93
5	Pentacosane	352	C25H52	000629-99-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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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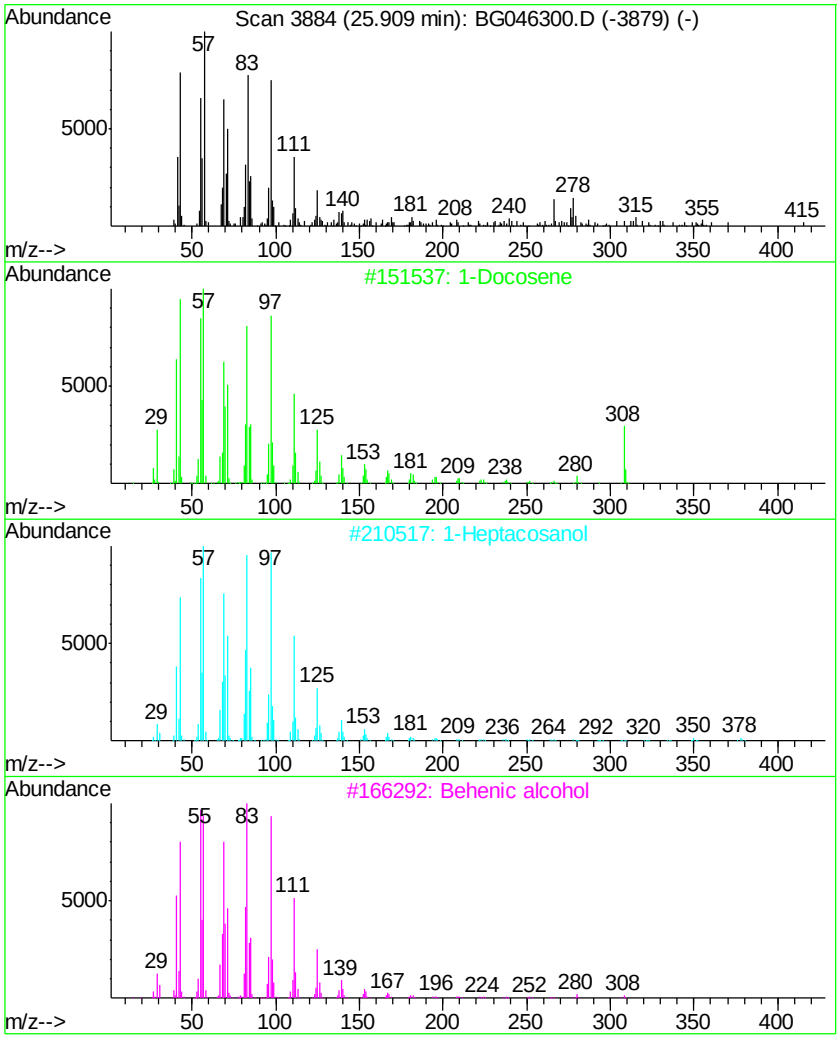
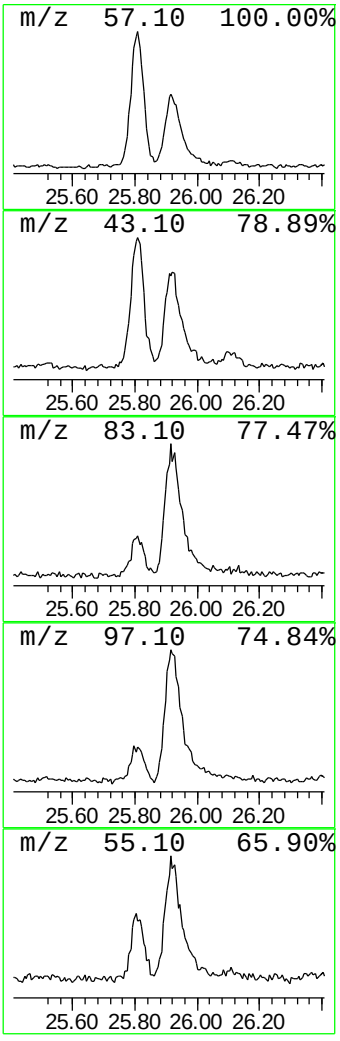
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	4.00 ng/ul	289460	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Docosene	308	C22H44	001599-67-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

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	102.4	ng/ul	1771640	1	7.94	346001	20.0
cis-4-Hydroxy-3-m...	7.11	25.1	ng/ul	433508	1	7.94	346001	20.0
unknown-01	7.27	17.6	ng/ul	305414	1	7.94	346001	20.0
unknown-02	7.47	24.2	ng/ul	418933	1	7.94	346001	20.0
unknown-03	8.65	31.1	ng/ul	538560	1	7.94	346001	20.0
1H-Imidazole, 4-m...	9.09	22.4	ng/ul	387796	1	7.94	346001	20.0
unknown-04	9.82	12.4	ng/ul	333461	2	10.74	540101	20.0
unknown-05	10.87	17.0	ng/ul	458432	2	10.74	540101	20.0
unknown-06	13.97	23.1	ng/ul	994920	3	14.57	862366	20.0
Dimethyl phthalate	14.02	9.4	ng/ul	404831	3	14.57	862366	20.0
unknown-07	14.76	9.6	ng/ul	414346	3	14.57	862366	20.0
unknown-08	15.67	11.1	ng/ul	476418	3	14.57	862366	20.0
Carbazole	17.71	2.0	ng/ul	121571	4	17.31	1208180	20.0
Phenanthrene, 2-m...	18.18	3.5	ng/ul	208161	4	17.31	1208180	20.0
Anthracene, 9-met...	18.23	7.3	ng/ul	443119	4	17.31	1208180	20.0
unknown-09	18.38	5.4	ng/ul	328463	4	17.31	1208180	20.0
Anthracene, 2-met...	18.41	2.2	ng/ul	133789	4	17.31	1208180	20.0
Naphthalene, 2-ph...	18.68	2.8	ng/ul	168615	4	17.31	1208180	20.0
9,10-Anthracenedione	18.72	2.8	ng/ul	168136	4	17.31	1208180	20.0
9,10-Dimethylanth...	19.10	4.4	ng/ul	266484	4	17.31	1208180	20.0
unknown-10	19.16	2.0	ng/ul	123095	4	17.31	1208180	20.0
Cyclopenta(def)ph...	19.23	3.1	ng/ul	185570	4	17.31	1208180	20.0
Pyrene, 1-methyl-	20.04	2.6	ng/ul	369145	5	21.55	2876890	20.0
11H-Benzo[b]fluorene	20.21	2.1	ng/ul	307200	5	21.55	2876890	20.0
11H-Benzo[a]fluorene	20.37	2.2	ng/ul	318181	5	21.55	2876890	20.0
11H-Benzo[a]fluor...	20.96	2.0	ng/ul	292137	5	21.55	2876890	20.0
(DEL) Alkane: Cyc...	21.22	7.6	ng/ul	1090080	5	21.55	2876890	20.0
7H-Benz[de]anthra...	21.28	2.5	ng/ul	354494	5	21.55	2876890	20.0
(DEL) Alkane: Str...	23.81	2.4	ng/ul	176316	6	24.66	1448970	20.0
(DEL) Alkane: Cyc...	23.86	4.0	ng/ul	291850	6	24.66	1448970	20.0
Benzo[e]pyrene	24.37	10.6	ng/ul	764691	6	24.66	1448970	20.0
(DEL) Alkane: Str...	25.80	4.3	ng/ul	311699	6	24.66	1448970	20.0
(DEL) Alkane: Str...	25.91	4.0	ng/ul	289460	6	24.66	1448970	20.0