LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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	3.142	4	9	25	rVB	1116727	1649645	44.32%	2.507%
2	5.592	421	426	432	rVV	32842	47690	1.28%	0.072%
3	7.108	676	684	696	rBV	308094	547078	14.70%	0.831%
4	7.266	703	711	721	rBV	226499	381104	10.24%	0.579%
5	7.472	739	746	757	rBV	316642	538431	14.47%	0.818%
6	7.936	818	825	833	rBV	226165	390373	10.49%	0.593%
7	8.641	938	945	956	rBV	378460	673874	18.10%	1.024%
8	9.094	1013	1022	1033	rBV	277925	509988	13.70%	0.775%
9	9.816	1138	1145	1155	rVV	246610	444232	11.93%	0.675%
10	10.357	1228	1237	1249	rBV	432549	774424	20.81%	1.177%
11	10.733	1292	1301	1308	rBV	354449	641265	17.23%	0.974%
12	10.868	1316	1324	1337	rBV	207787	453986	12.20%	0.690%
13	13.970	1843	1852	1857	rVV	852706	1260481	33.86%	1.915%
14	14.017	1857	1860	1866	rVV	242620	332763	8.94%	0.506%
15	14.258	1891	1901	1918	rBV	1015934	1662994	44.68%	2.527%
16	14.564	1944	1953	1960	rBV	649769	1059381	28.46%	1.610%
17	14.628	1960	1964	1971	rVB	59940	92613	2.49%	0.141%
18	14.758	1980	1986	2001	rBV	283576	516535	13.88%	0.785%
19	14.963	2016	2021	2030	rVB2	54718	96961	2.60%	0.147%
20	15.557	2115	2122	2128	rBV	1358557	2065176	55.48%	3.138%
21	15.615	2128	2132	2136	rVB3	77159	113315	3.04%	0.172%
22	15.668	2136	2141	2151	rBV	378887	593481	15.94%	0.902%
23	15.909	2177	2182	2191	rVB	40159	70174	1.89%	0.107%
24	16.056	2200	2207	2215	rVB2	41681	89374	2.40%	0.136%
25	16.244	2233	2239	2243	rBV	46746	79531	2.14%	0.121%
26	16.849	2333	2342	2345	rBV3	36236	80401	2.16%	0.122%
27	16.961	2356	2361	2368	rVB2	69960	127154	3.42%	0.193%
28	17.043	2370	2375	2386	rBV5	37934	123547	3.32%	0.188%
29	17.125	2386	2389	2399	rVB	56001	90537	2.43%	0.138%
30	17.307	2409	2420	2424	rBV	888359	1406826	37.79%	2.138%
31	17.349	2424	2427	2432	rVB	990419	1379557	37.06%	2.096%
32	17.407	2432	2437	2442	rBV2	1425158	2198655	59.07%	3.341%
33	17.495	2448	2452	2459	rVB3	32930	55278	1.49%	0.084%
34	17.707	2479	2488	2492	rBV2	104979	212276	5.70%	0.323%

LSC Area Percent Report

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Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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	17.825	2504	2508	2513	rVV2	41846	66767	1.79%	0.101%
36	17.889	2515	2519	2523	rVB2	35730	49041	1.32%	0.075%
37	18.183	2565	2569	2571	rVV	192671	274296	7.37%	0.417%
38	18.218	2571	2575	2586	rVV2	402458	949128	25.50%	1.442%
39	18.312	2586	2591	2596	rVV	94086	142356	3.82%	0.216%
40	18.377	2596	2602	2606	rVV2	243505	469093	12.60%	0.713%
41	18.412	2606	2608	2615	rVB	139829	191844	5.15%	0.291%
42	18.518	2615	2626	2633	rBV6	39487	140067	3.76%	0.213%
43	18.682	2649	2654	2657	rVV	173367	244490	6.57%	0.371%
44	18.718	2657	2660	2665	rVB	167620	224003	6.02%	0.340%
45	18.929	2692	2696	2700	rVB	61620	75199	2.02%	0.114%
46	18.982	2701	2705	2708	rBV	46389	56910	1.53%	0.086%
47	19.011	2708	2710	2715	rVB2	63936	84685	2.28%	0.129%
48	19.099	2717	2725	2729	rBV	164870	288711	7.76%	0.439%
49	19.158	2729	2735	2738	rVV4	65034	144586	3.88%	0.220%
50	19.188	2738	2740	2744	rVB	53897	67866	1.82%	0.103%
51	19.235	2744	2748	2757	rVB2	155625	274132	7.36%	0.417%
52	19.358	2757	2769	2776	rBV	2053645	3066185	82.37%	4.659%
53	19.423	2776	2780	2783	rBV	44510	60300	1.62%	0.092%
54	19.458	2783	2786	2788	rBV3	42994	55219	1.48%	0.084%
55	19.505	2792	2794	2798	rVB2	72867	84040	2.26%	0.128%
56	19.552	2798	2802	2805	rBV2	60039	86182	2.32%	0.131%
57	19.599	2808	2810	2813	rVB	44347	49854	1.34%	0.076%
58	19.693	2820	2826	2829	rBV3	2138029	3574890	96.04%	5.432%
59	19.722	2829	2831	2839	rVB	1999410	2367320	63.60%	3.597%
60	19.793	2839	2843	2847	rBV2	109866	176017	4.73%	0.267%
61	19.834	2847	2850	2854	rVB2	56211	64702	1.74%	0.098%
62	19.899	2856	2861	2866	rBV	130859	194265	5.22%	0.295%
63	19.957	2867	2871	2876	rVB	115601	175613	4.72%	0.267%
64	20.040	2879	2885	2892	rBV3	197851	545993	14.67%	0.830%
65	20.181	2904	2909	2910	rBV3	117308	166120	4.46%	0.252%
66	20.210	2911	2914	2918	rVB	328844	417779	11.22%	0.635%
67	20.245	2918	2920	2925	rVB3	55506	54826	1.47%	0.083%
68	20.310	2927	2931	2935	rBV	158978	224803	6.04%	0.342%
69	20.369	2935	2941	2946	rBV2	250895	416258	11.18%	0.632%
70	20.451	2952	2955	2960	rVB2	58401	69111	1.86%	0.105%
71	20.510	2961	2965	2969	rBV	158399	220441	5.92%	0.335%

LSC Area Percent Report

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Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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	20.557	2969	2973	2977	rVV2	151103	230223	6.19%	0.350%
73	20.768	3006	3009	3012	rBV3	74851	111900	3.01%	0.170%
74	20.962	3038	3042	3049	rVB	274994	432600	11.62%	0.657%
75	21.144	3066	3073	3077	rBV2	193233	430482	11.57%	0.654%
76	21.185	3077	3080	3083	rVV	232126	340711	9.15%	0.518%
77	21.221	3083	3086	3093	rVV3	769173	1405591	37.76%	2.136%
78	21.285	3094	3097	3107	rVB2	239156	458842	12.33%	0.697%
79	21.420	3116	3120	3124	rBV	48970	90216	2.42%	0.137%
80	21.544	3134	3141	3147	rBV3	1494739	3722259	100.00%	5.656%
81	21.602	3147	3151	3164	rVB	1120356	1915284	51.45%	2.910%
82	21.761	3172	3178	3183	rBV3	177686	411430	11.05%	0.625%
83	21.949	3205	3210	3216	rBV3	166846	335897	9.02%	0.510%
84	22.266	3256	3264	3270	rBV	234882	487303	13.09%	0.740%
85	22.366	3271	3281	3288	rBV6	300947	867626	23.31%	1.318%
86	22.525	3305	3308	3312	rBV2	91941	140142	3.76%	0.213%
87	23.359	3446	3450	3459	rVB2	246929	510005	13.70%	0.775%
88	23.682	3496	3505	3512	rBV	914624	2936883	78.90%	4.462%
89	23.806	3521	3526	3530	rBV	319473	598637	16.08%	0.910%
90	23.859	3530	3535	3542	rVV2	510983	1181629	31.74%	1.795%
91	23.929	3543	3547	3554	rVB	200430	427738	11.49%	0.650%
92	24.376	3616	3623	3629	rBV	493963	1246154	33.48%	1.893%
93	24.452	3629	3636	3642	rVV	933318	2519198	67.68%	3.828%
94	24.517	3642	3647	3660	rVB	808961	2106003	56.58%	3.200%
95	24.664	3662	3672	3678	rBV2	586748	1637658	44.00%	2.488%
96	24.728	3679	3683	3691	rVB2	225520	509382	13.68%	0.774%
97	25.809	3859	3867	3877	rVB2	288365	813715	21.86%	1.236%
98	25.921	3879	3886	3895	rBV3	171977	518707	13.94%	0.788%
99	28.171	4258	4269	4288	rVB2	368588	1711442	45.98%	2.600%
100	29.264	4446	4455	4470	rVB2	271106	1142988	30.71%	1.737%

Sum of corrected areas: 65812837

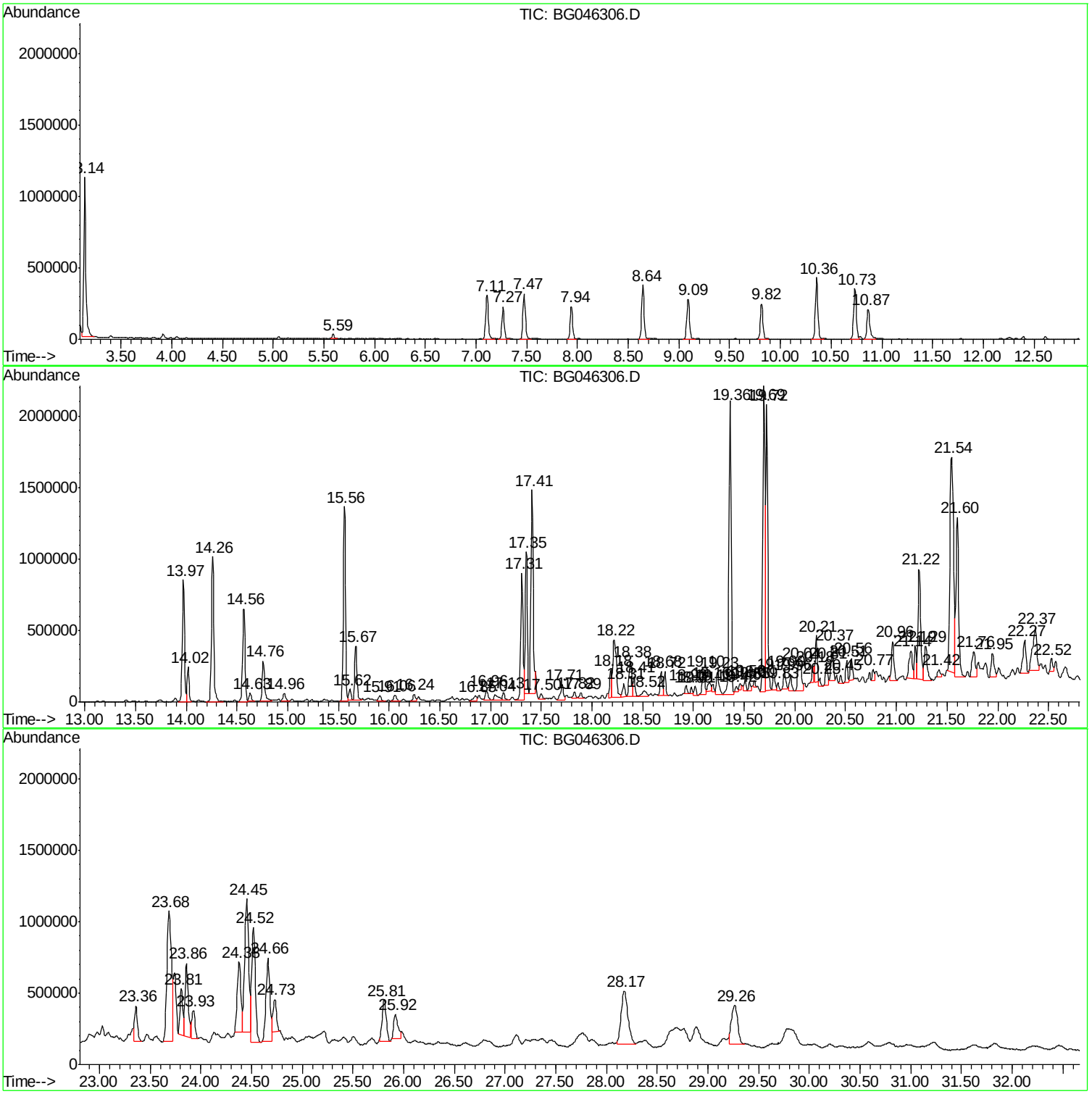
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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 : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

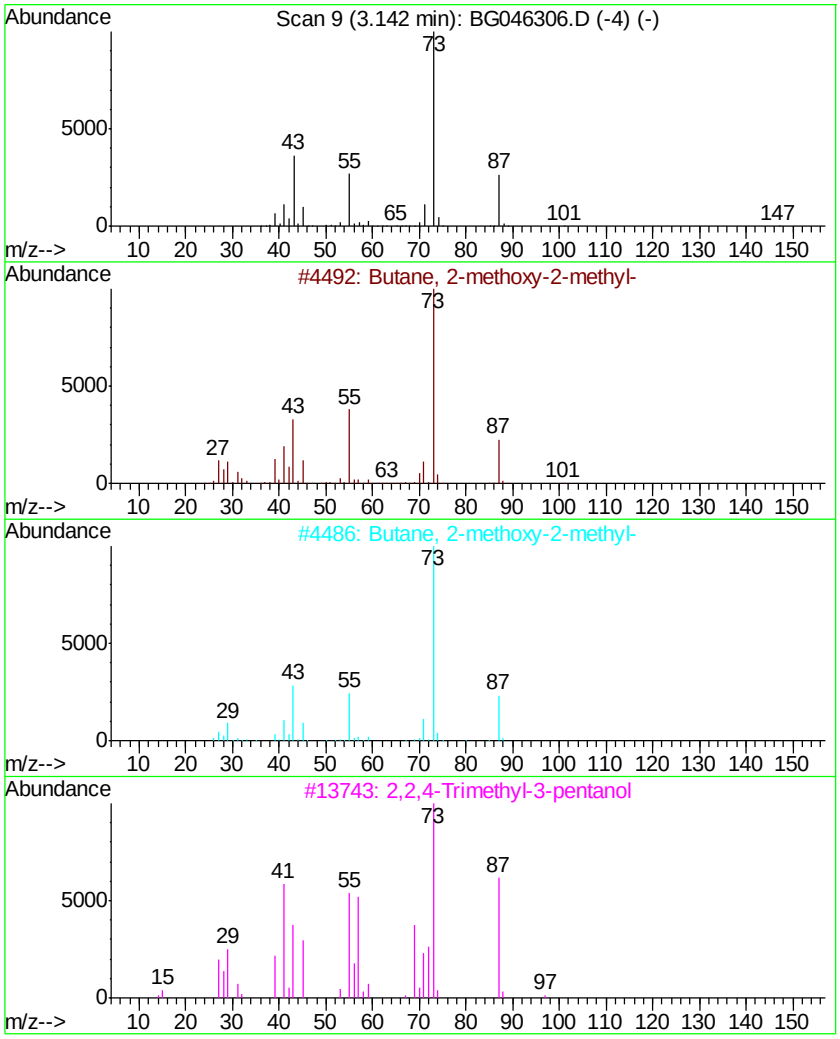
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

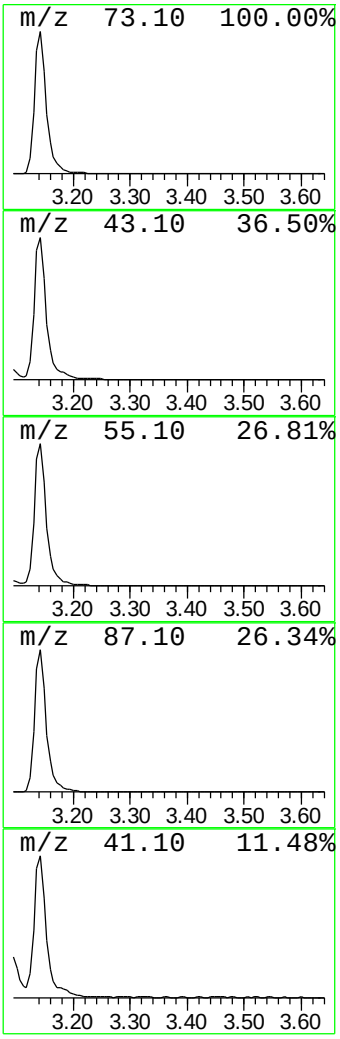
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	84.52 ng/ul	1649650	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

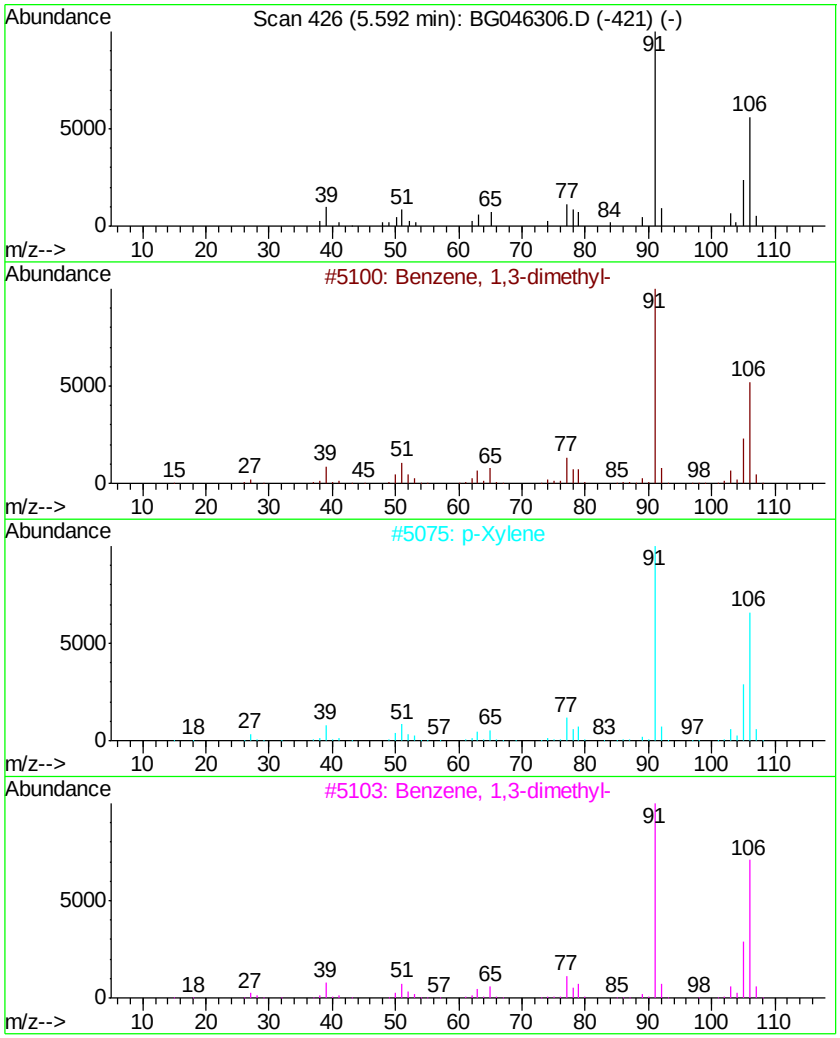
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

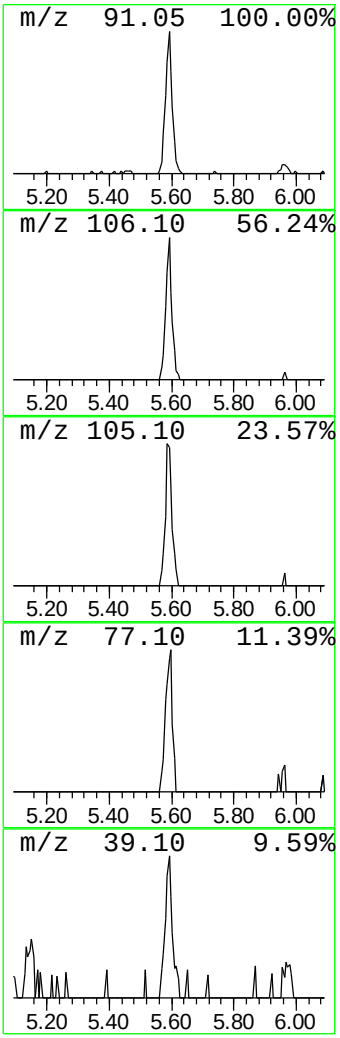
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.44 ng/ul	47690	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	93
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
4	o-Xylene	106	C8H10	000095-47-6	91
5	p-Xylene	106	C8H10	000106-42-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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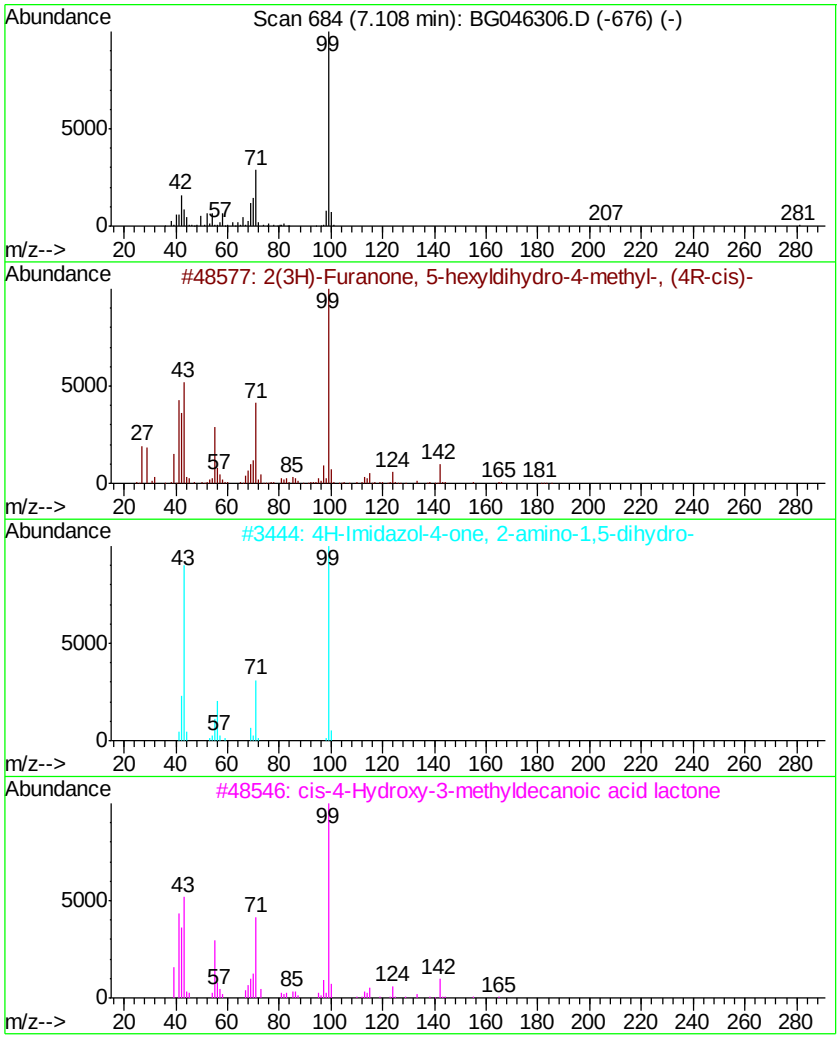
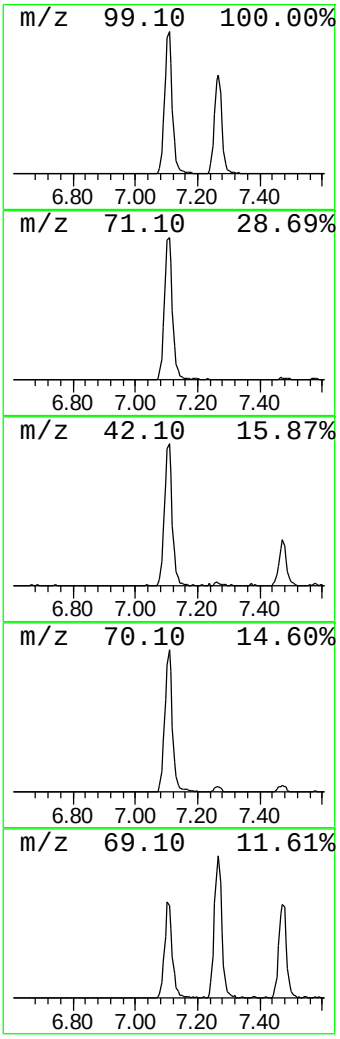
Peak Number 3 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	28.03 ng/ul	547078	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	56
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

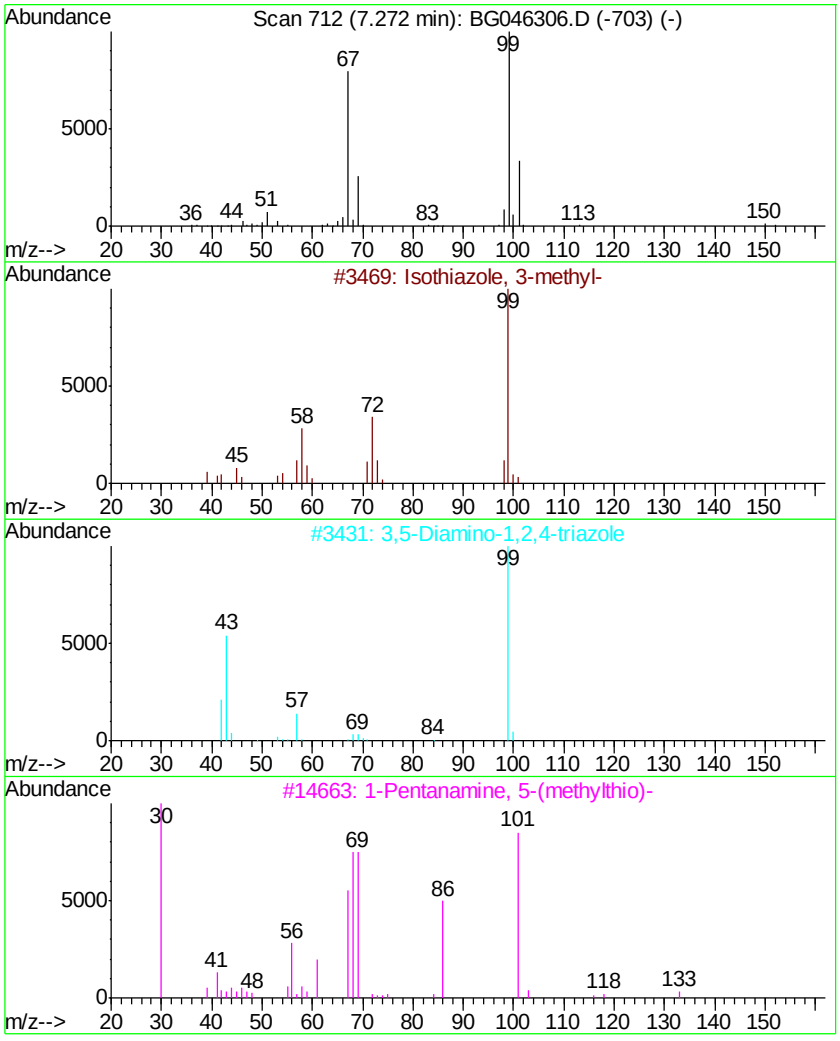
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

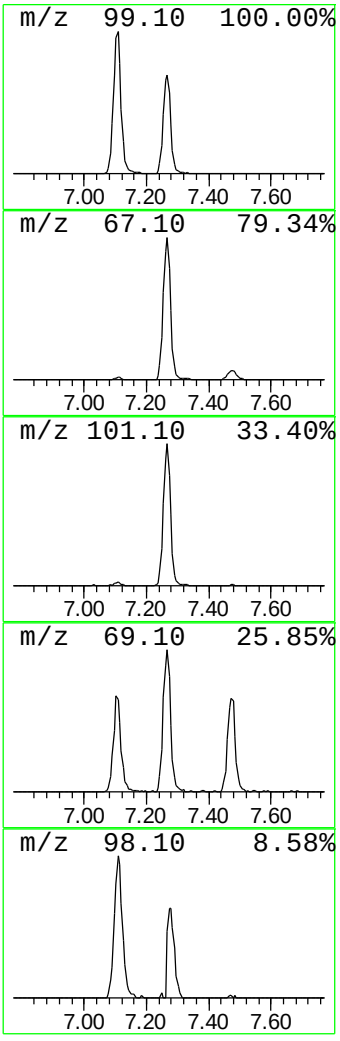
****

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	19.53 ng/ul	381104	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	Succinimide	99	C4H5NO2	000123-56-8	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

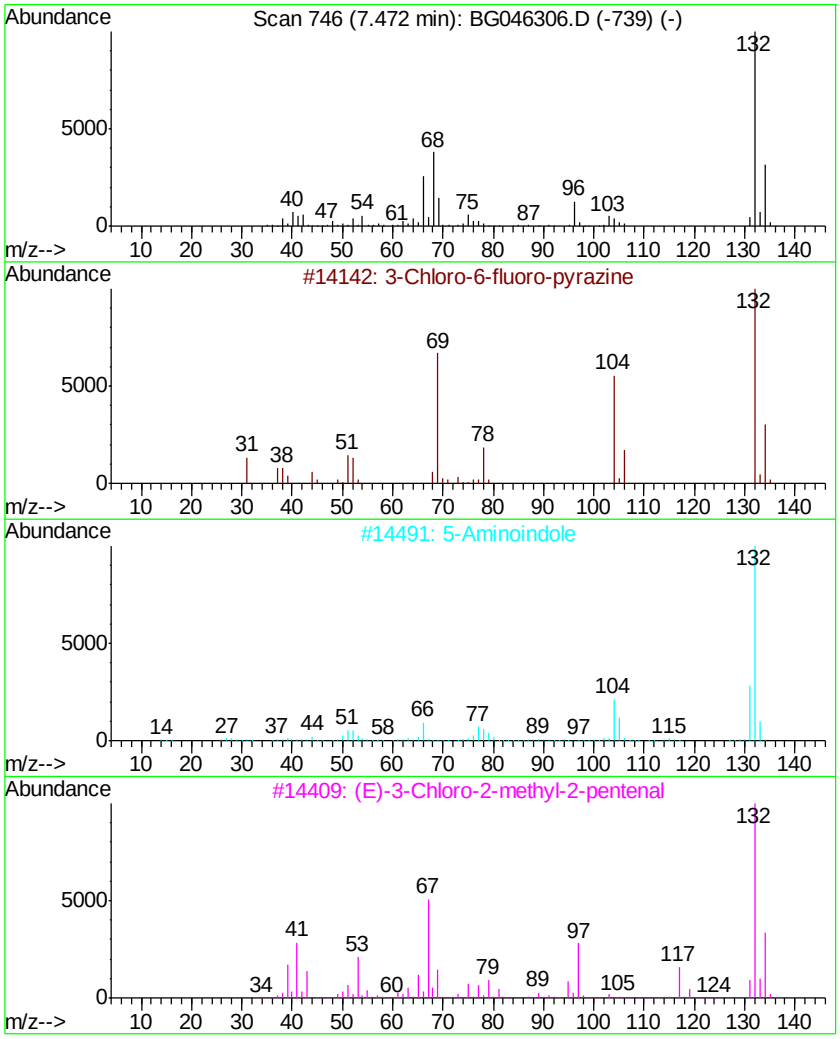
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

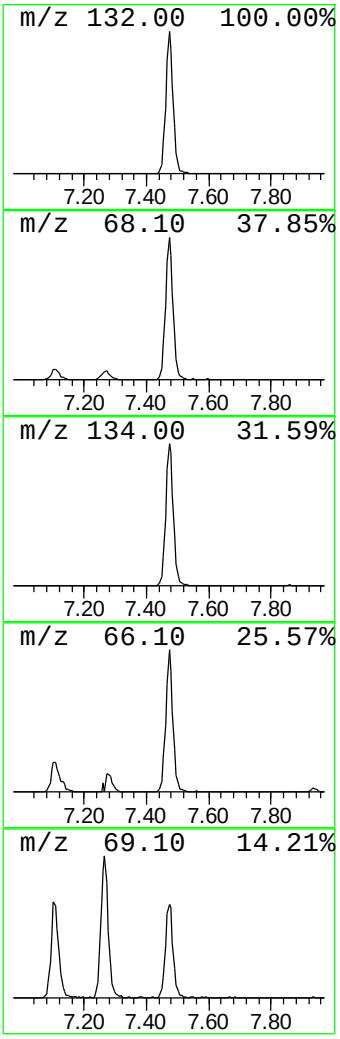
****

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	27.59 ng/ul	538431	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	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12





Library Search Compound Report

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Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

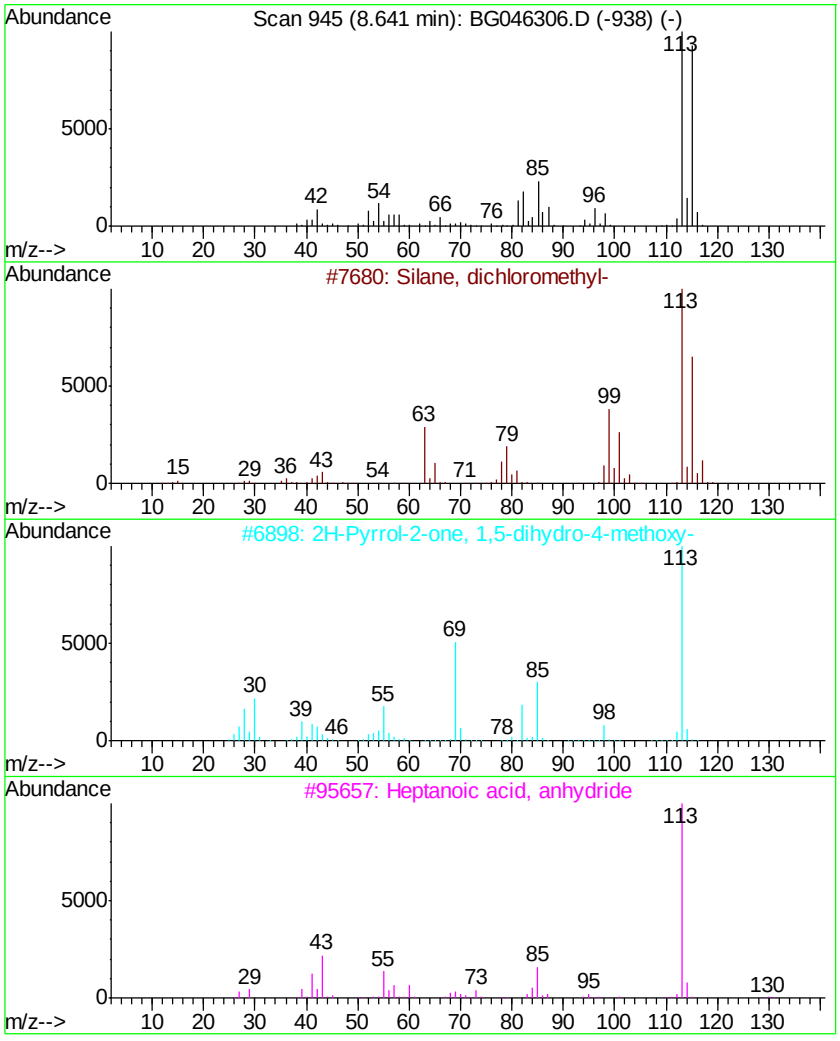
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

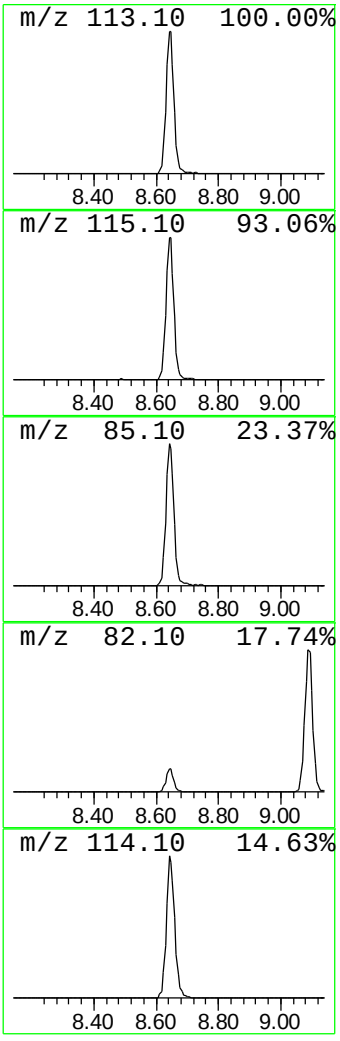
****

Peak Number 6 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	34.52 ng/ul	673874	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	25
5	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25





Library Search Compound Report

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Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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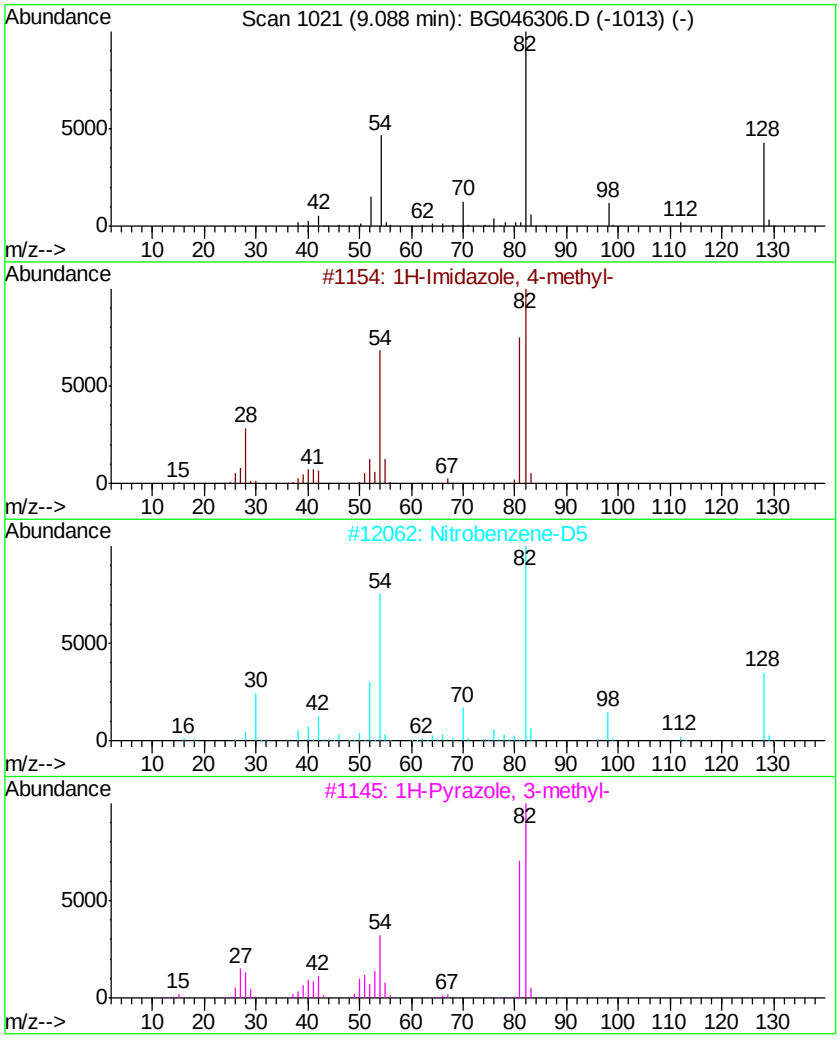
Quant Title : SVOA CALIBRATION

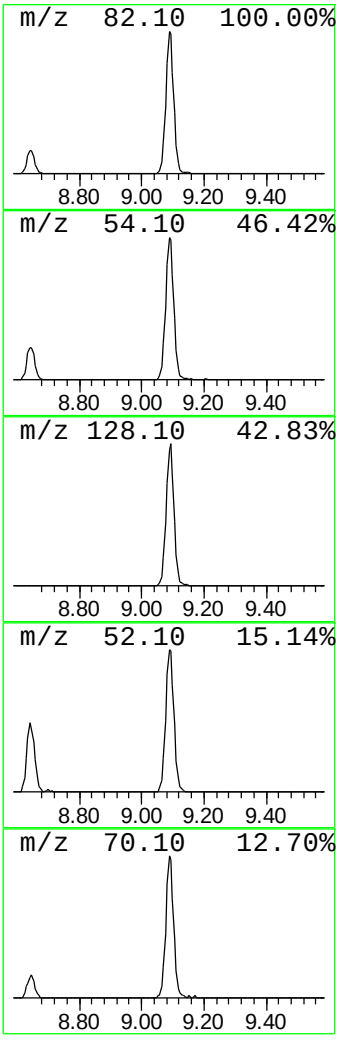
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	26.13 ng/ul	509988	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	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	40
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37





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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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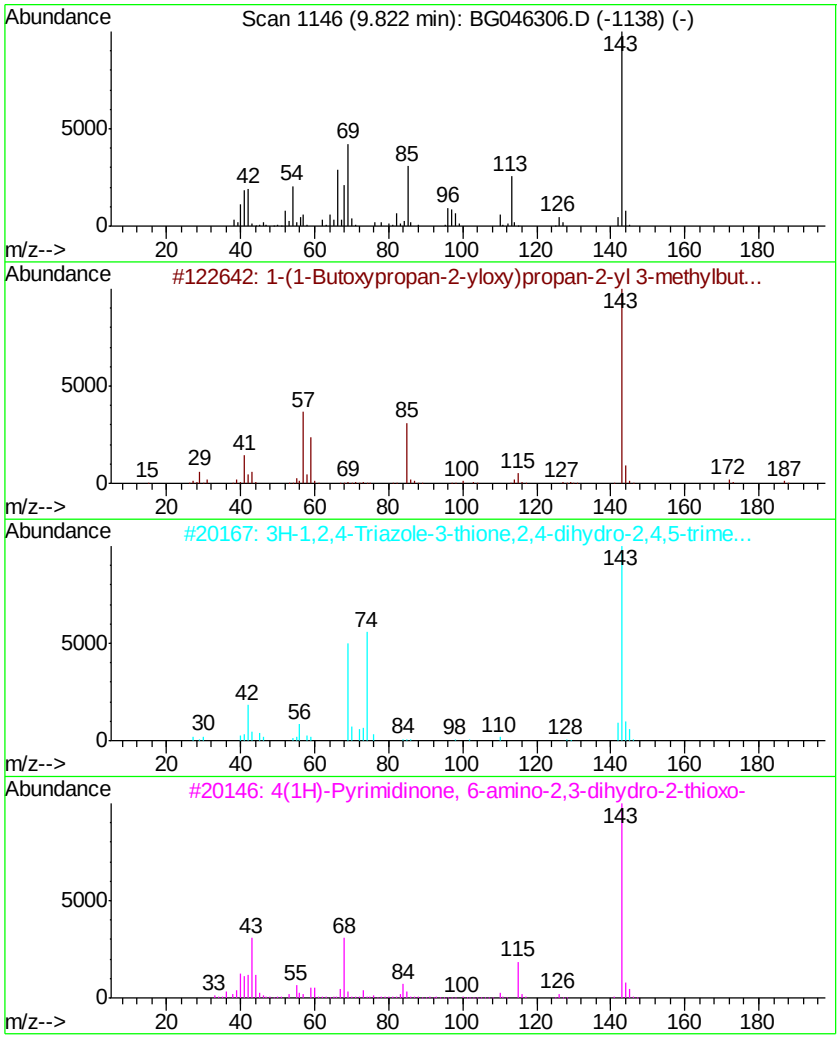
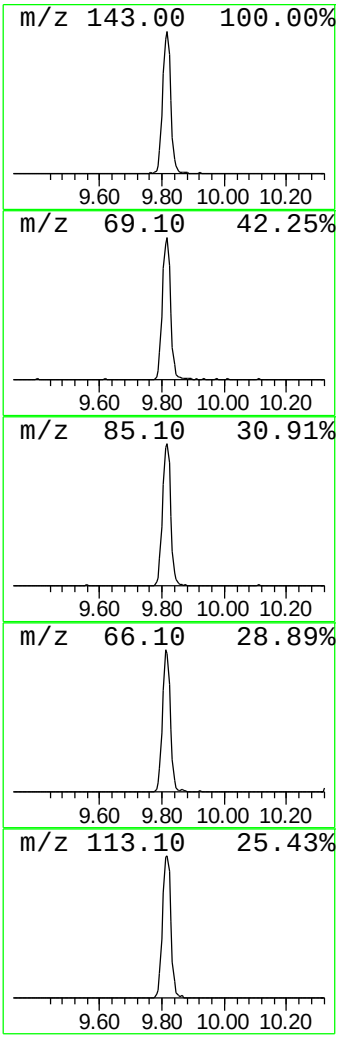
Peak Number 8 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	13.85 ng/ul	444232	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
2	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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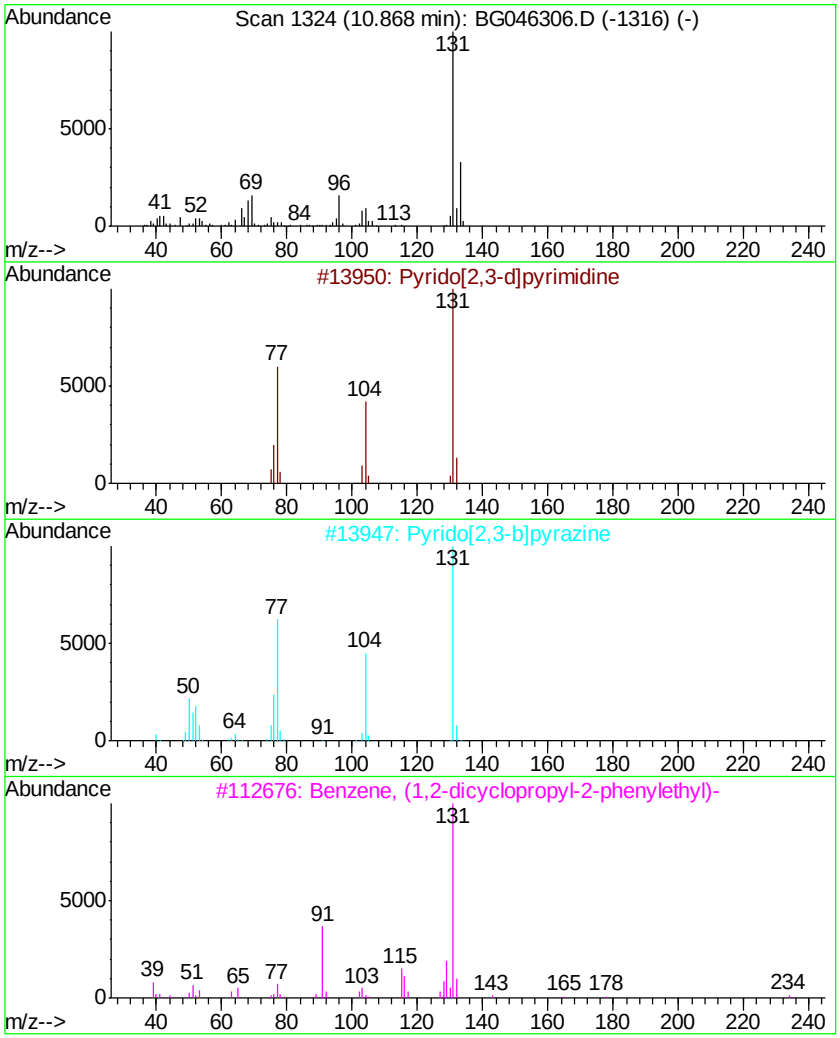
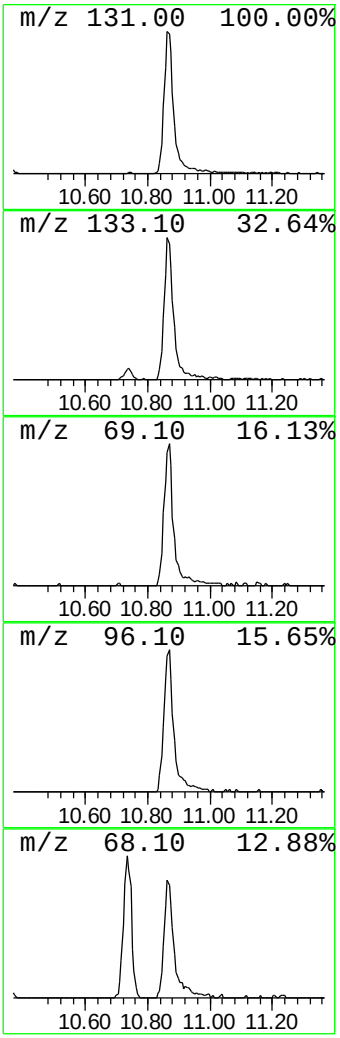
Peak Number 9 Pyrido[2,3-d]pyrimidine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	14.16 ng/ul	453986	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	50
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
3	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	33
4	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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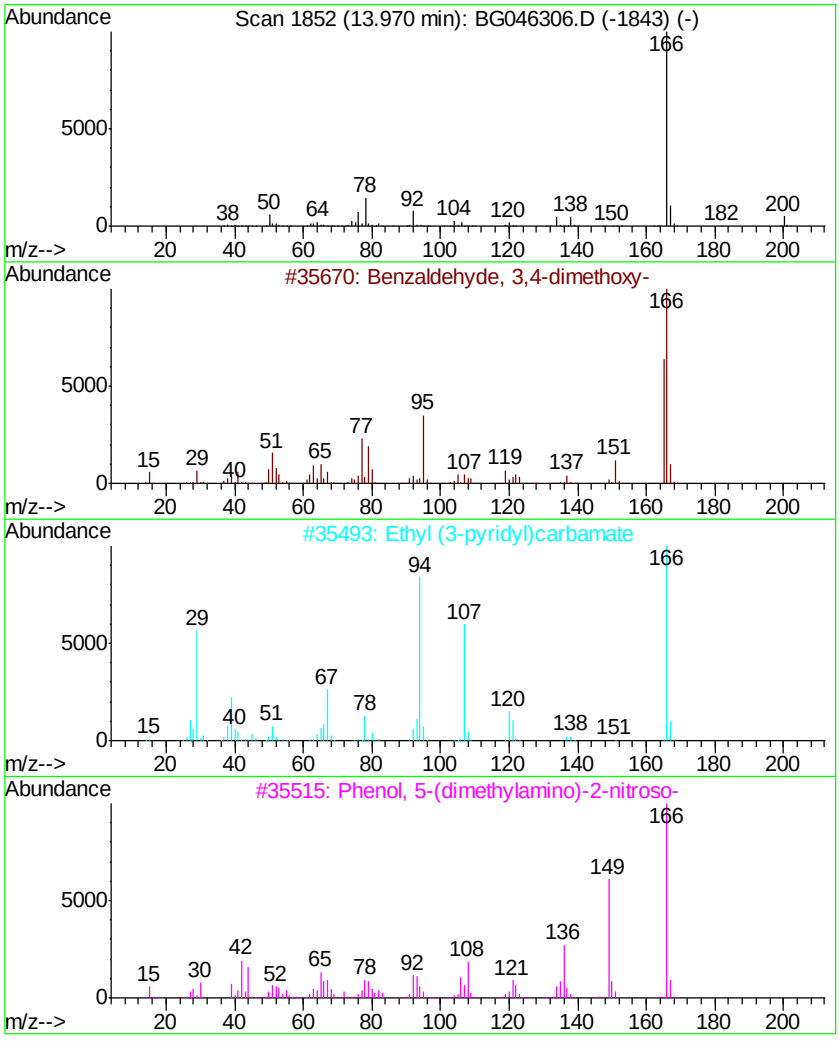
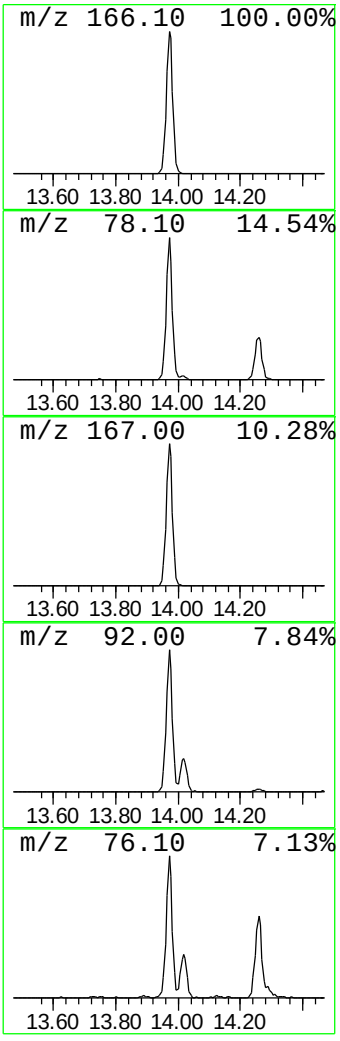
Peak Number 10 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	23.80 ng/ul	1260480	Acenaphthene-d10	14.56

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	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





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Misc :
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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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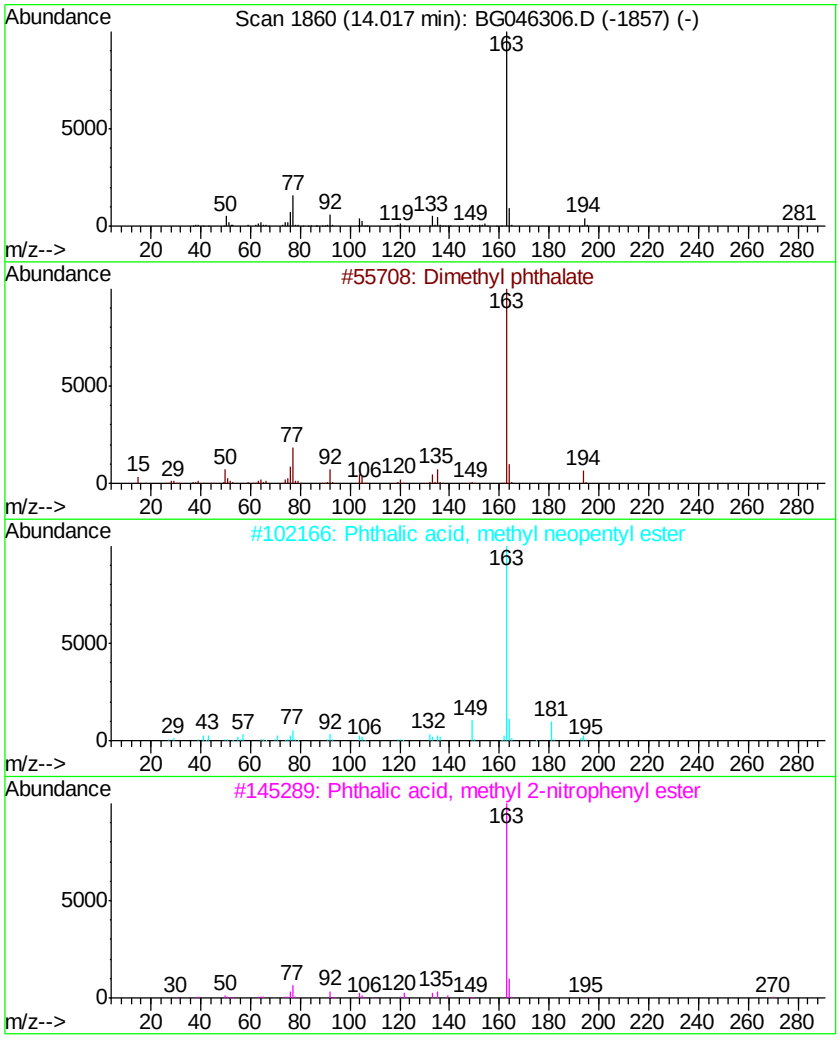
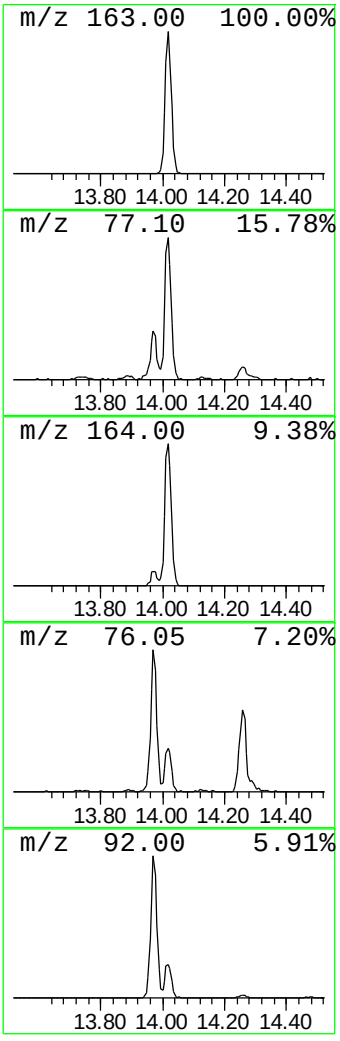
Peak Number 11 Dimethyl phthalate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.28 ng/ul	332763	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
3	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	78
4	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	74
5	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	74





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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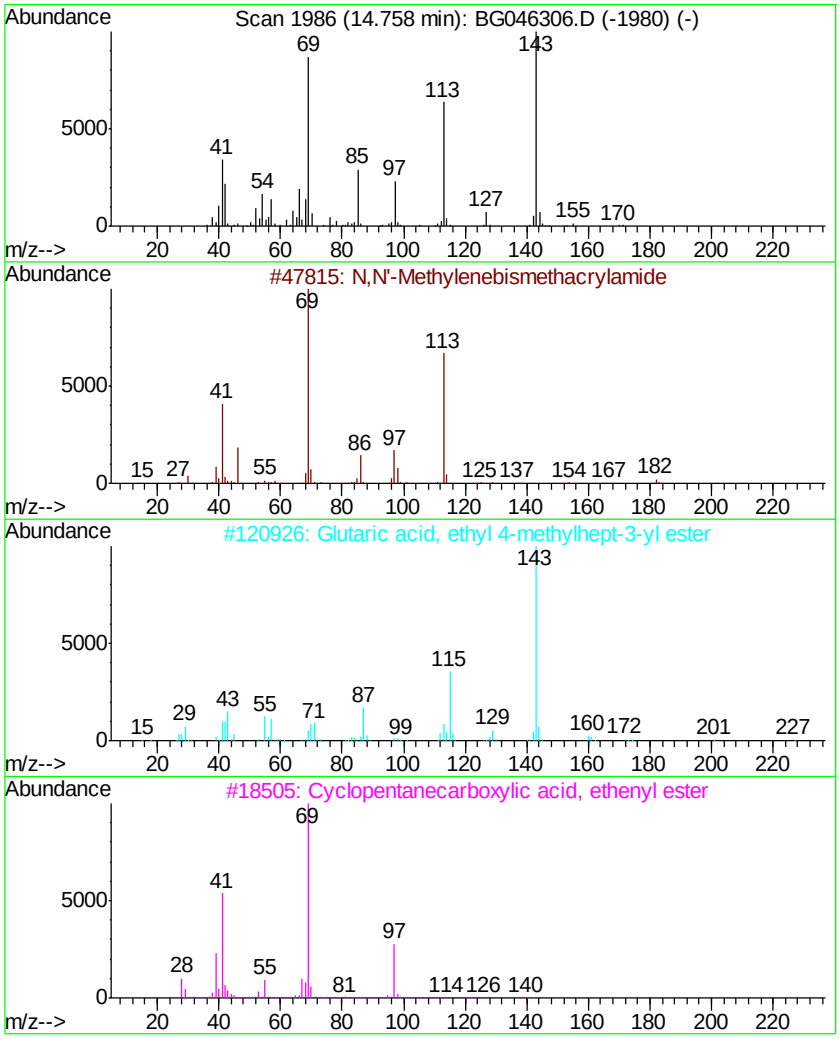
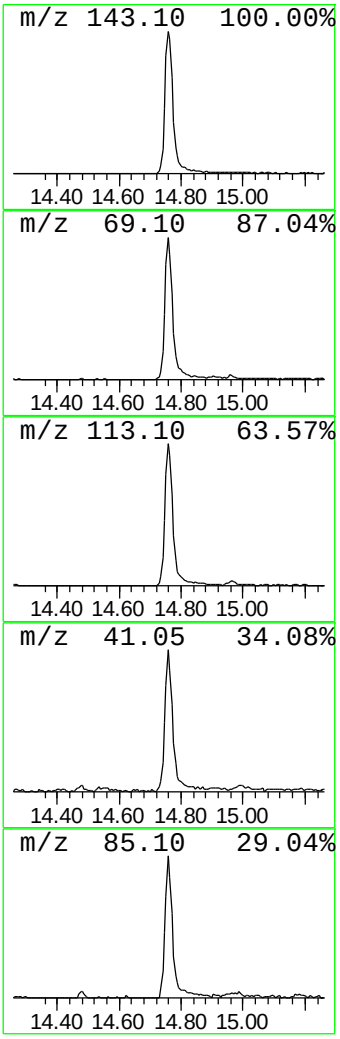
Peak Number 12 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.75 ng/ul	516535	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	22
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	14
4	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	12
5	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12





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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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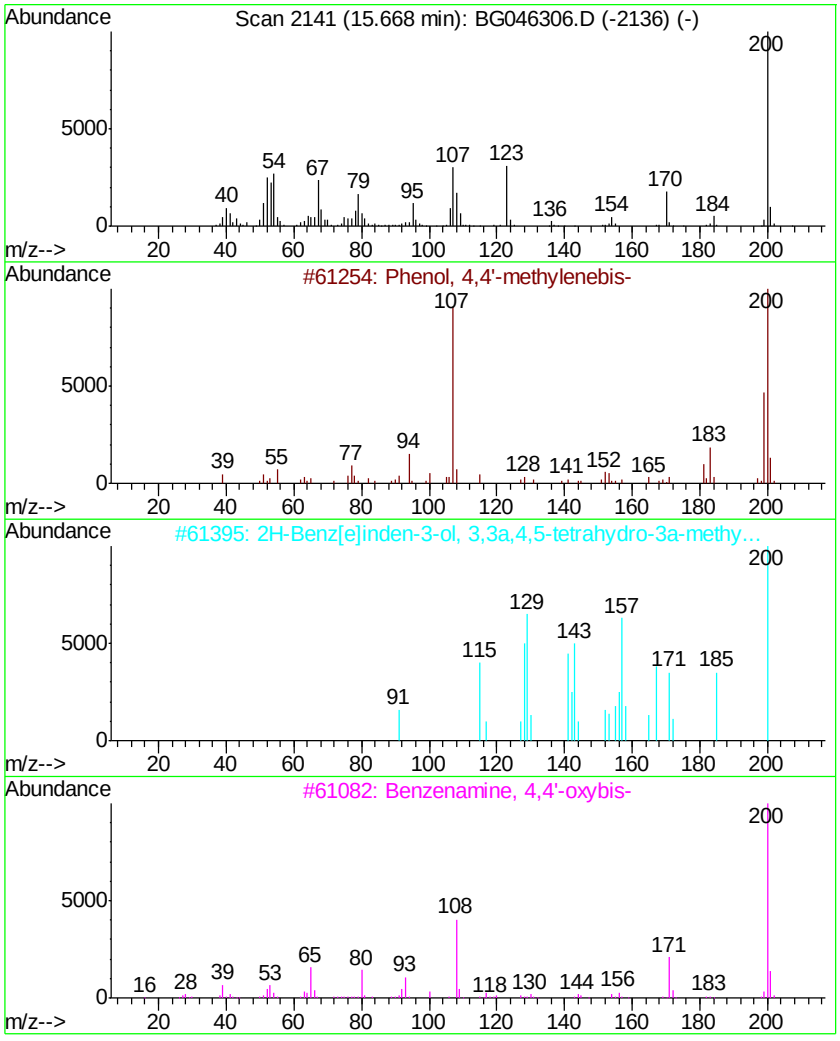
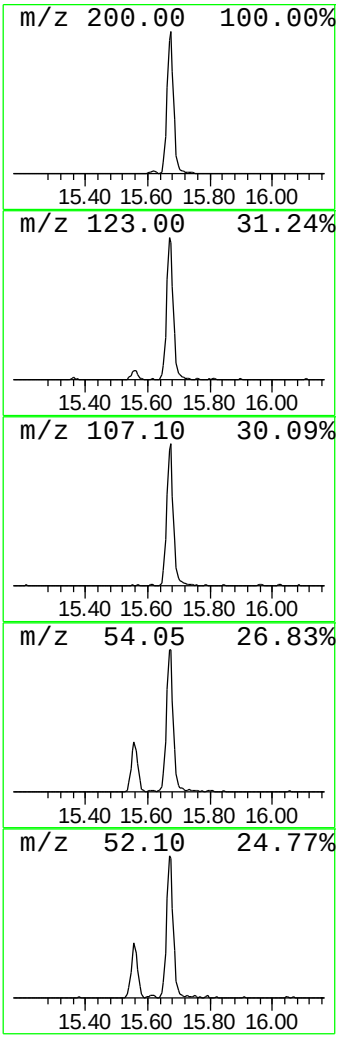
Peak Number 13 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	11.20 ng/ul	593481	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	35
2	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	27
4	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	27
5	Methyl ferrocene	200	C11H12Fe	001271-44-9	22





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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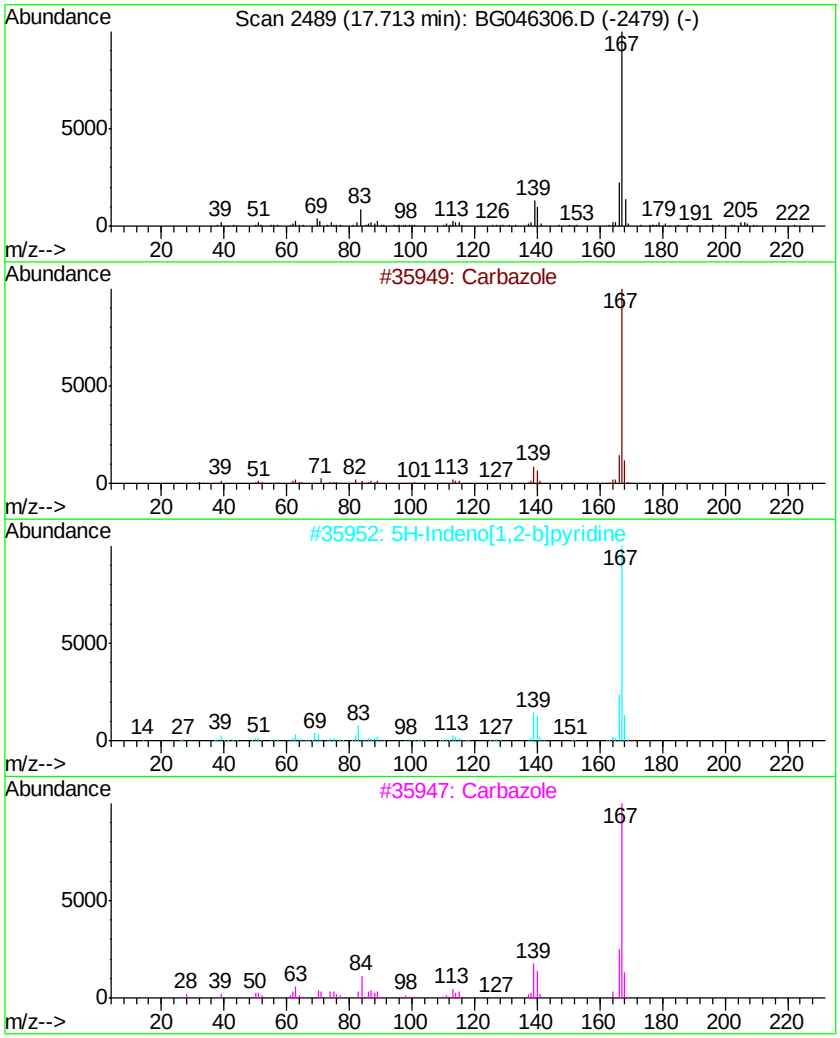
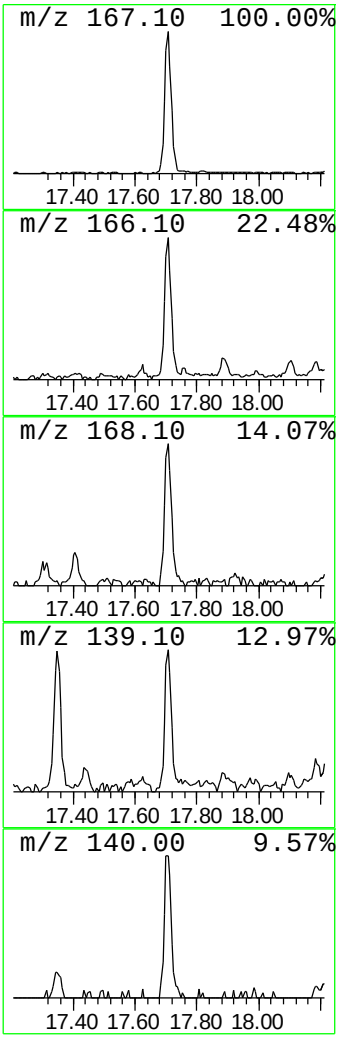
Peak Number 14 Carbazole Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.02 ng/ul	212276	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	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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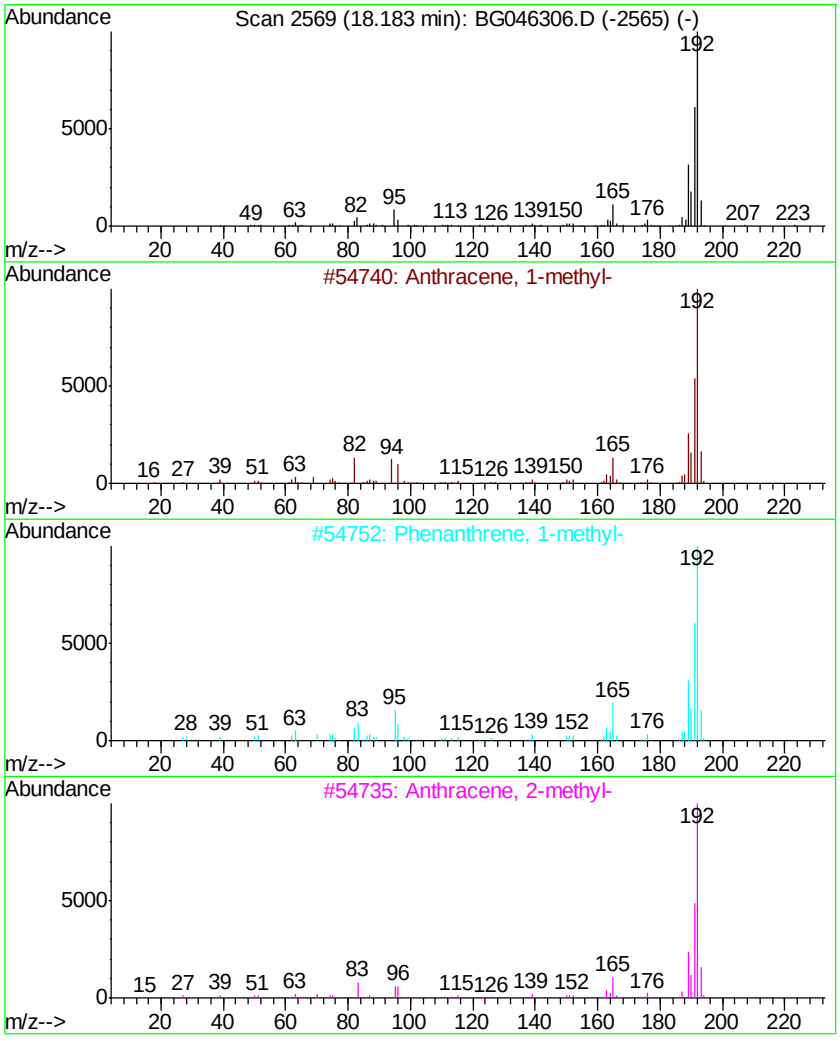
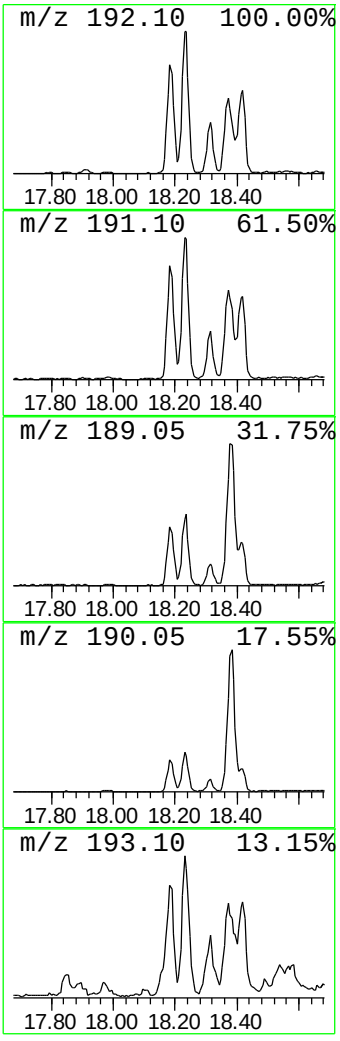
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.90 ng/ul	274296	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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ClientSampleId : BFM80

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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 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	13.49 ng/ul	949128	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	96
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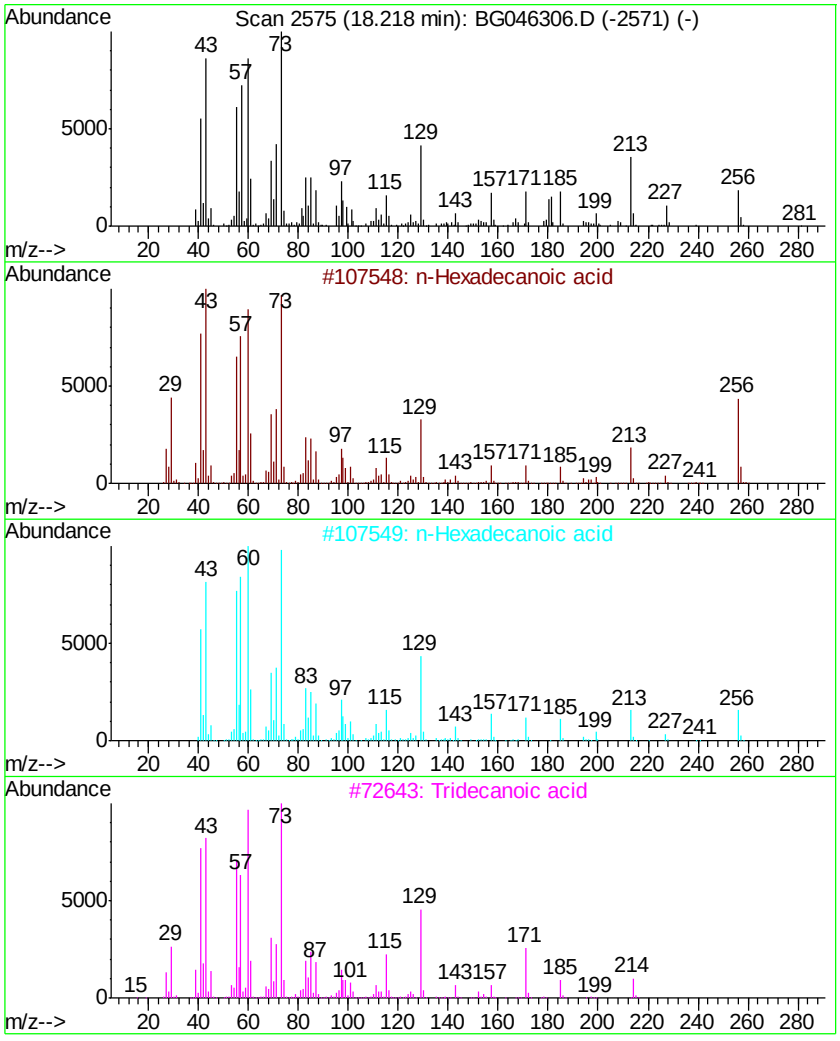

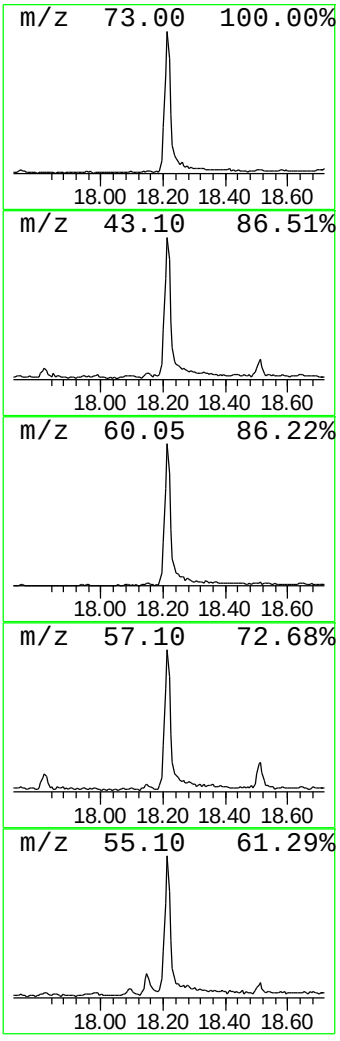

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Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

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

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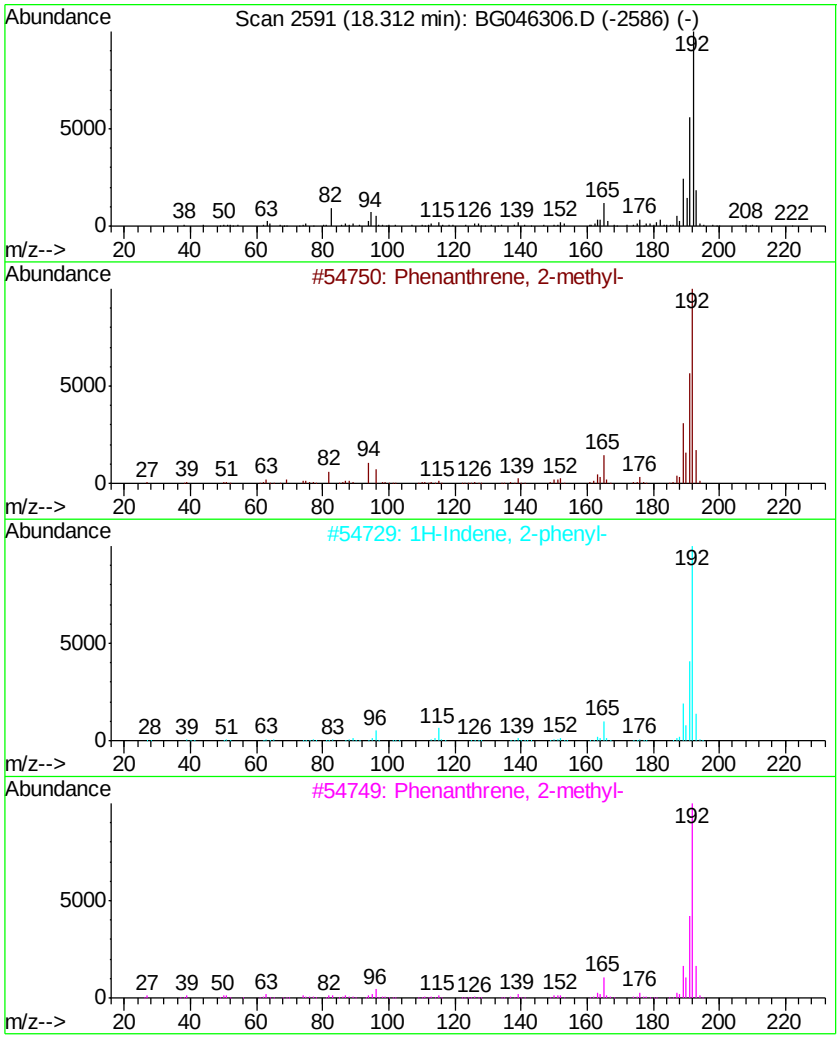
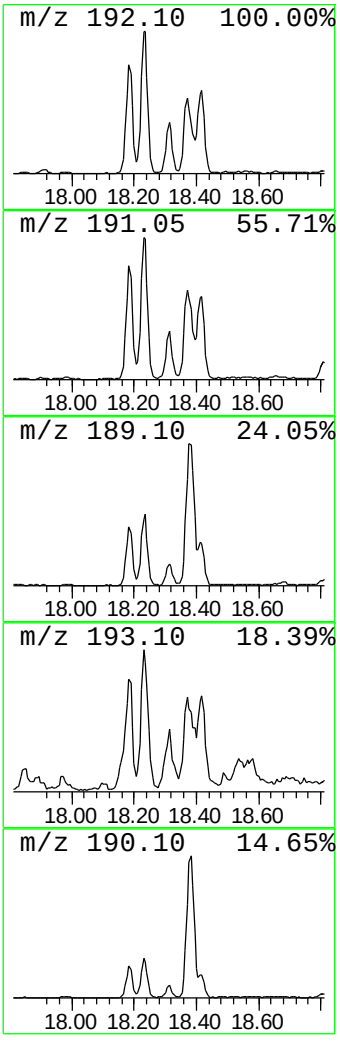
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.02 ng/ul	142356	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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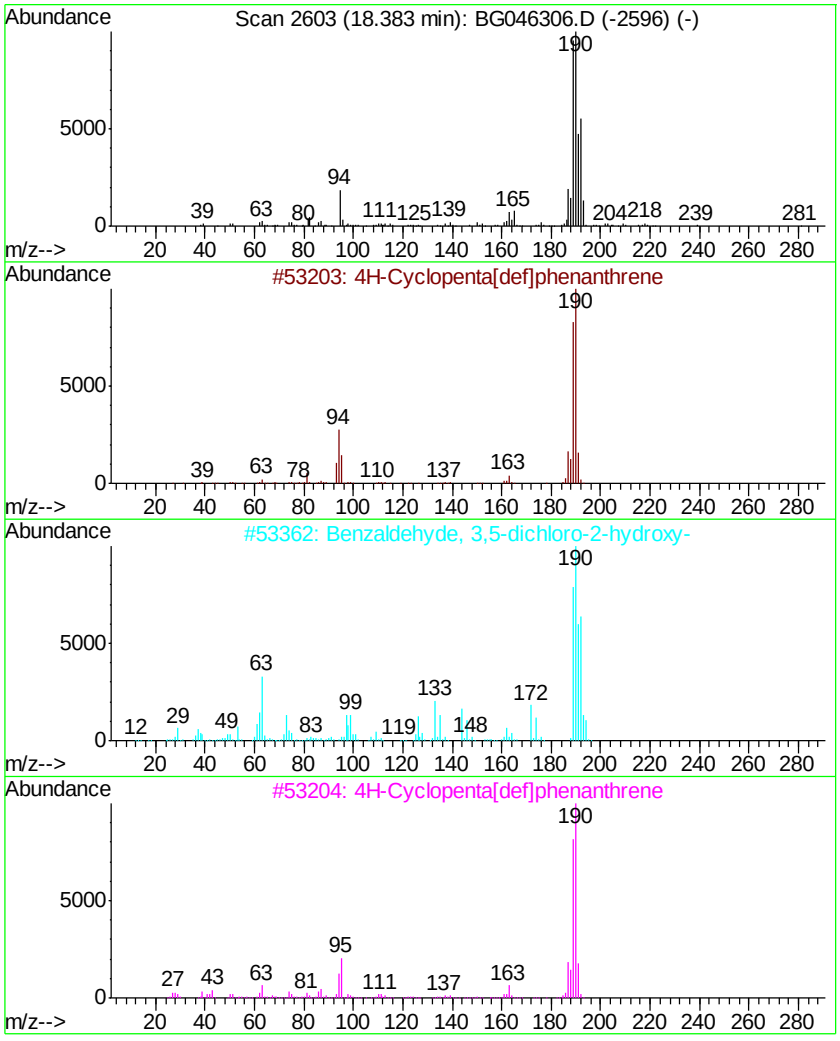
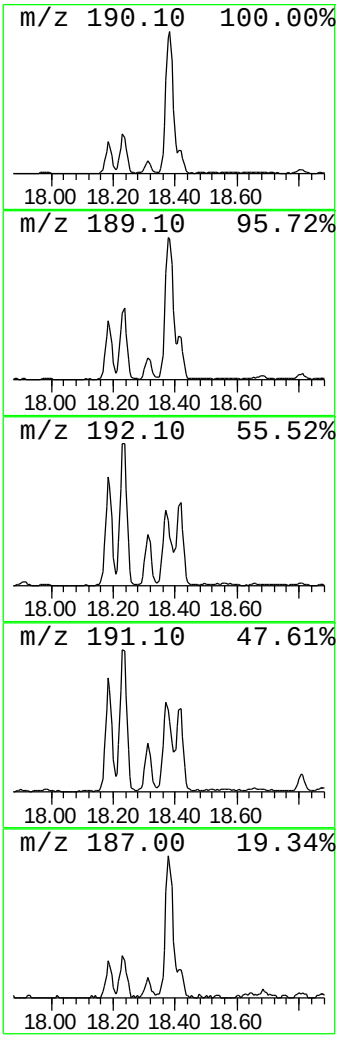
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	6.67 ng/ul	469093	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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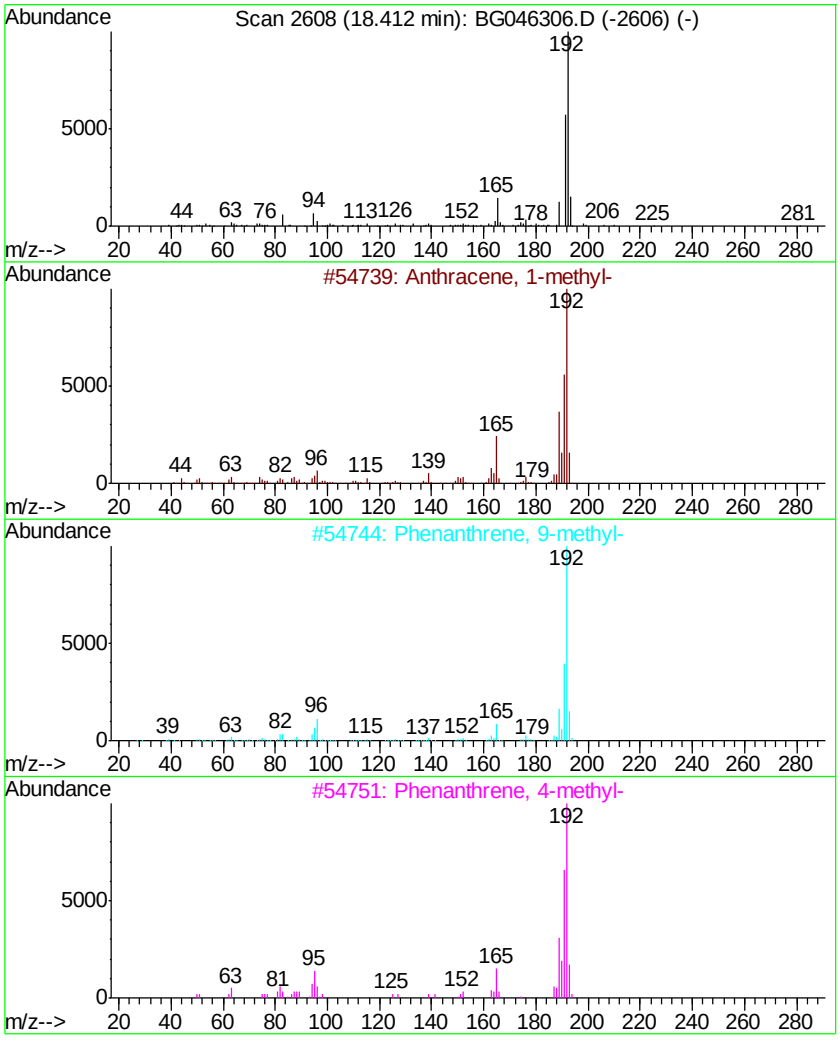
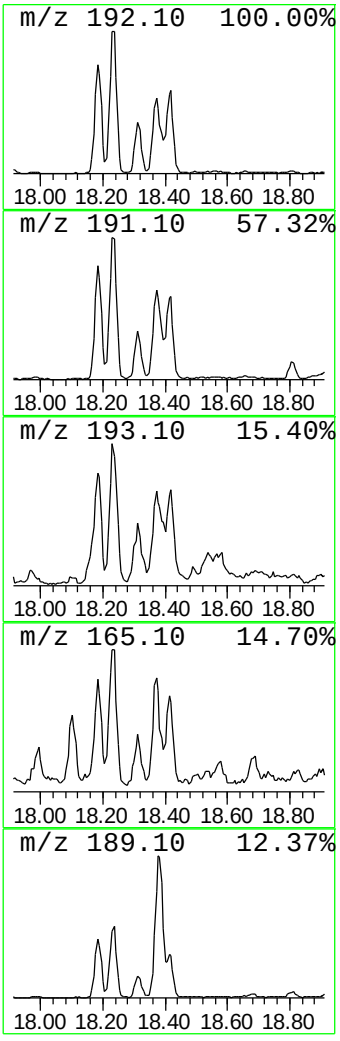
Peak Number 19 Phenanthrene, 9-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.73 ng/ul	191844	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80





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Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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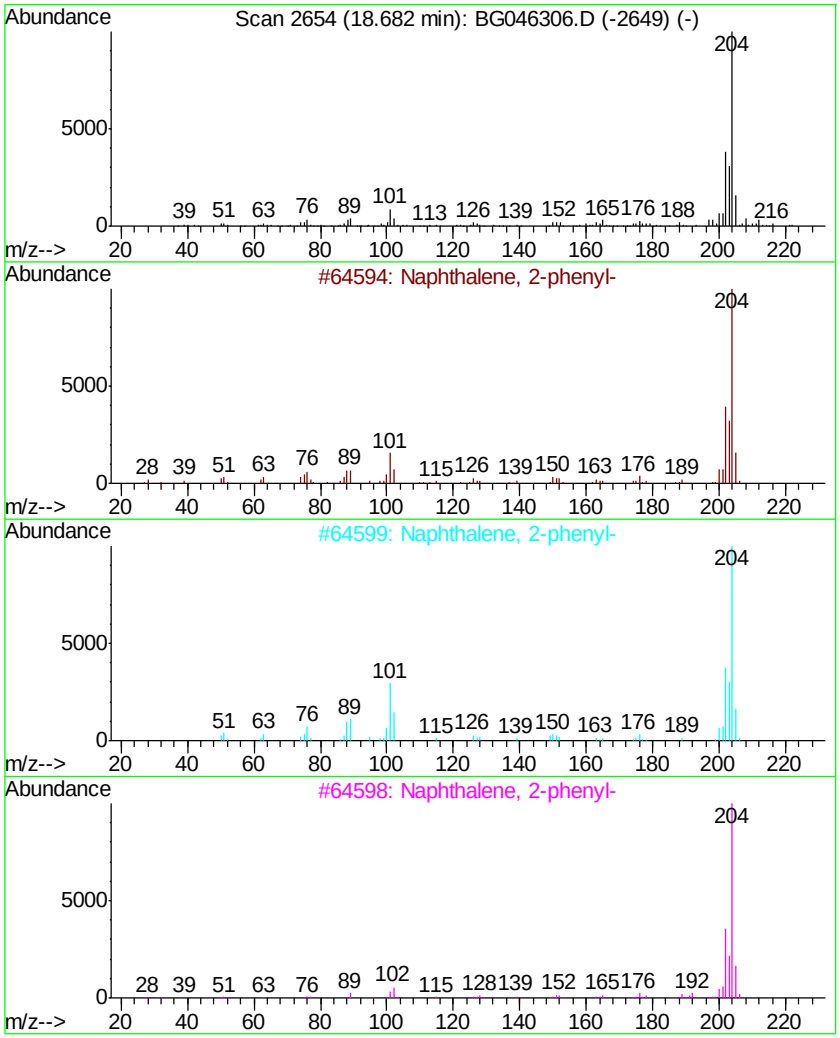
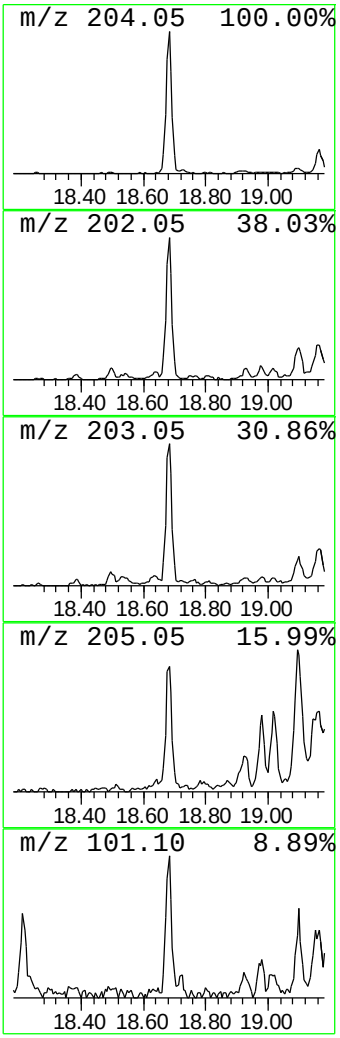
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.48 ng/ul	244490	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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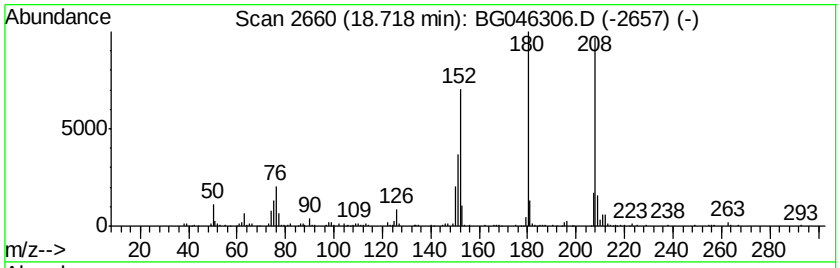
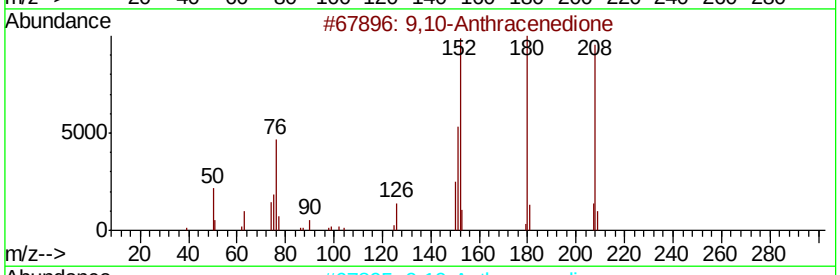
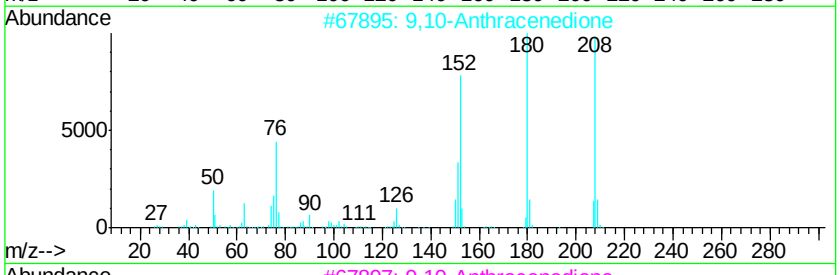
Peak Number 21 9,10-Anthracenedione Concentration Rank 29

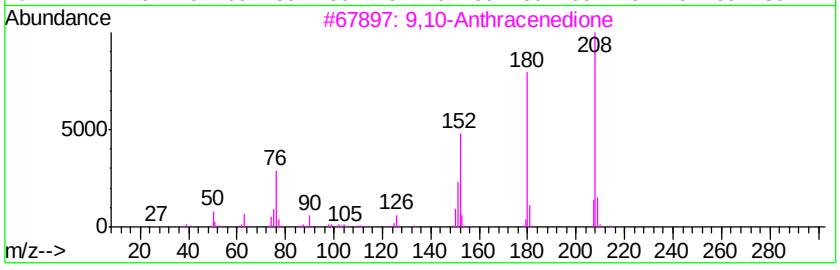
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.18 ng/ul	224003	Phenanthrene-d10	17.31

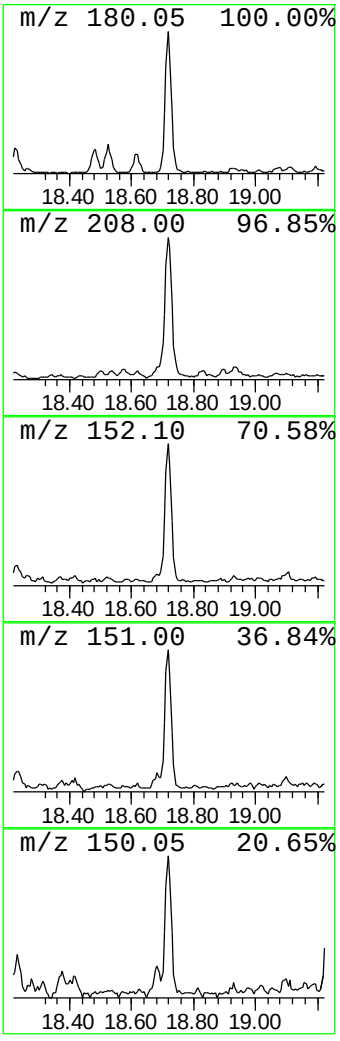
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60











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Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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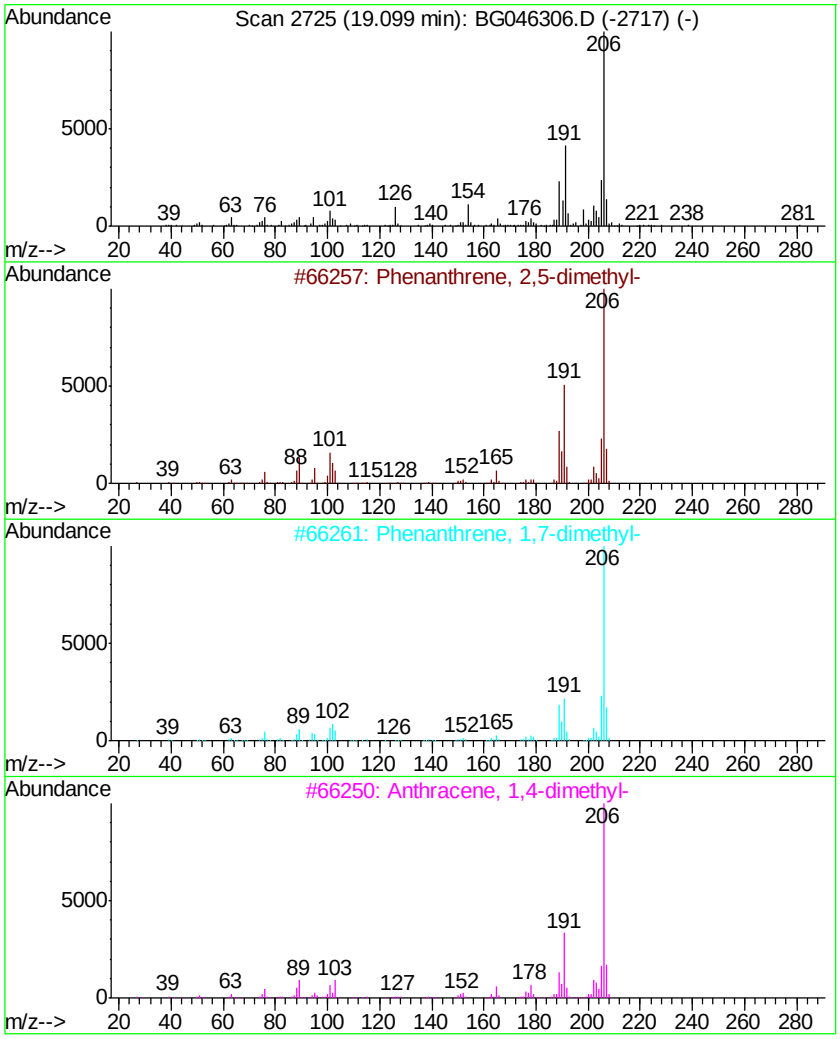
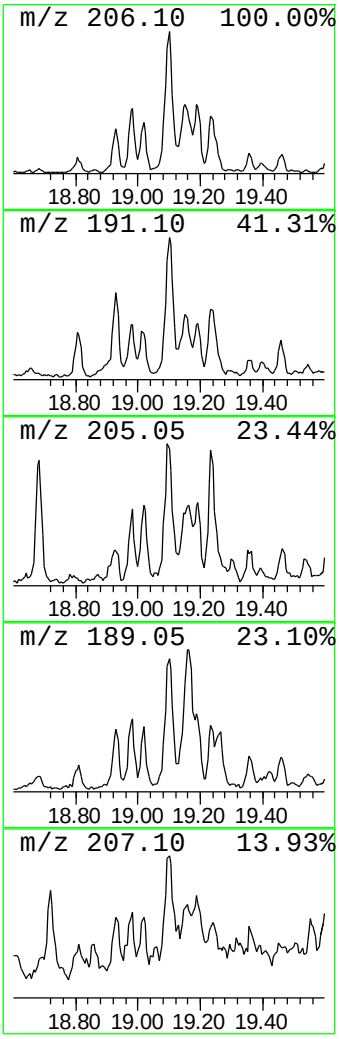
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.10 ng/ul	288711	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

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

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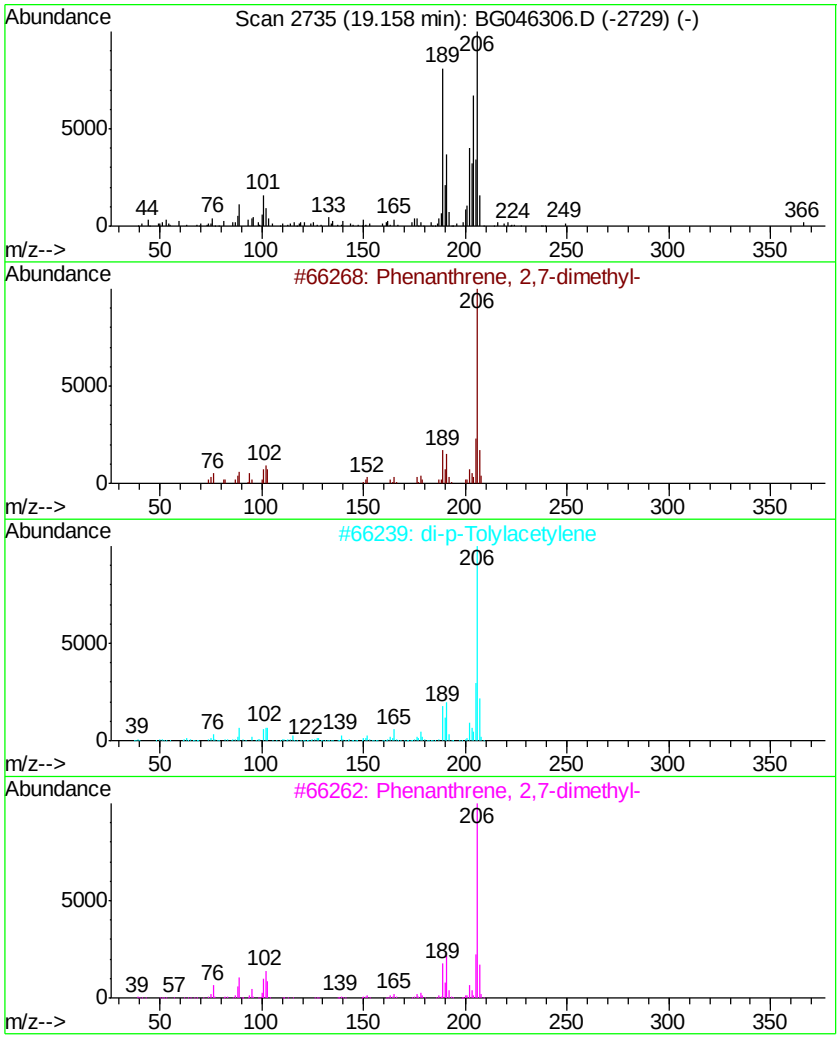
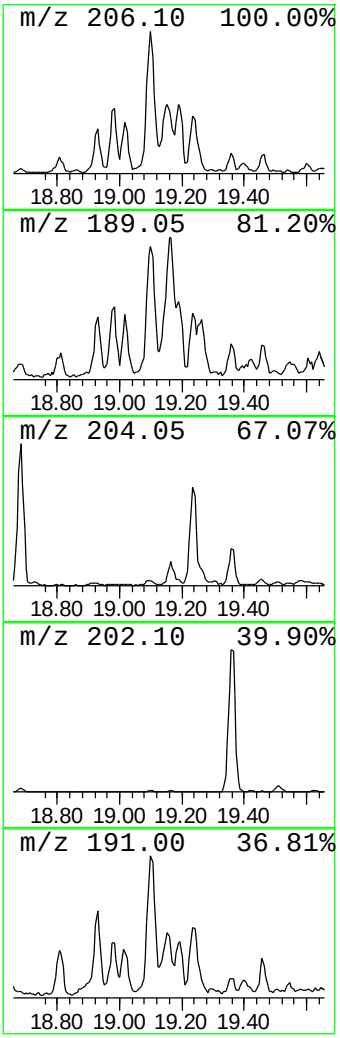
Peak Number 23 Phenanthrene, 2,7-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.06 ng/ul	144586	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	42





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Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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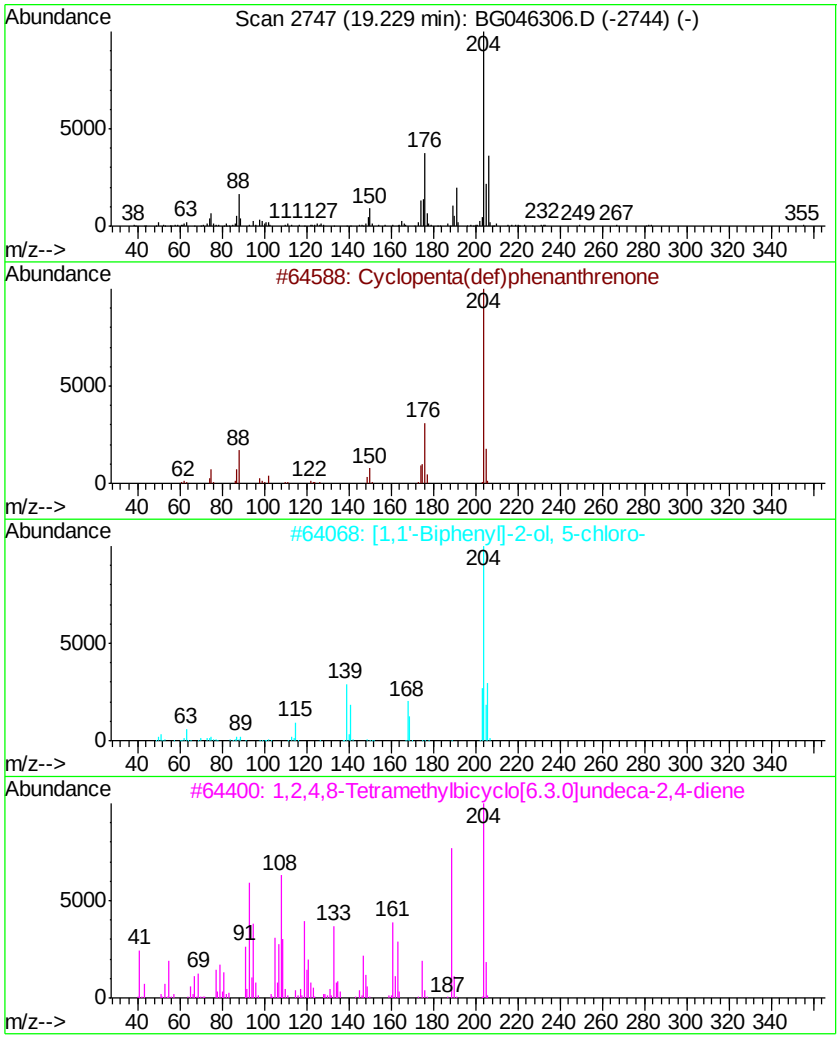
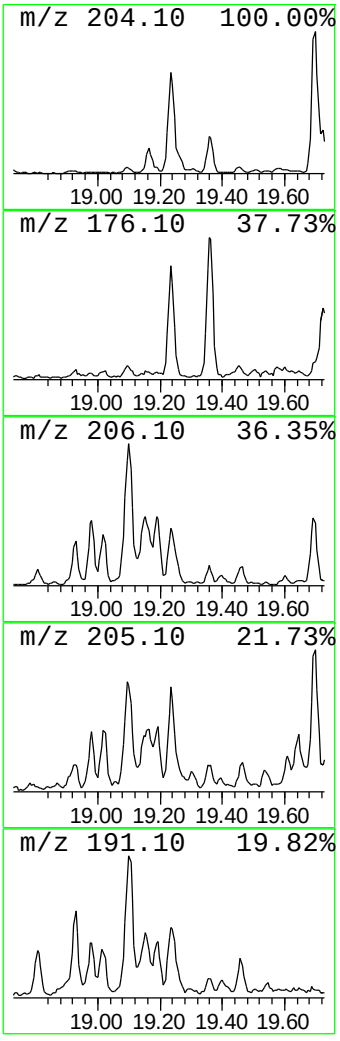
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.90 ng/ul	274132	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	40





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-02
Misc :
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Instrument : BNA_G
ClientSampleId : BFM80

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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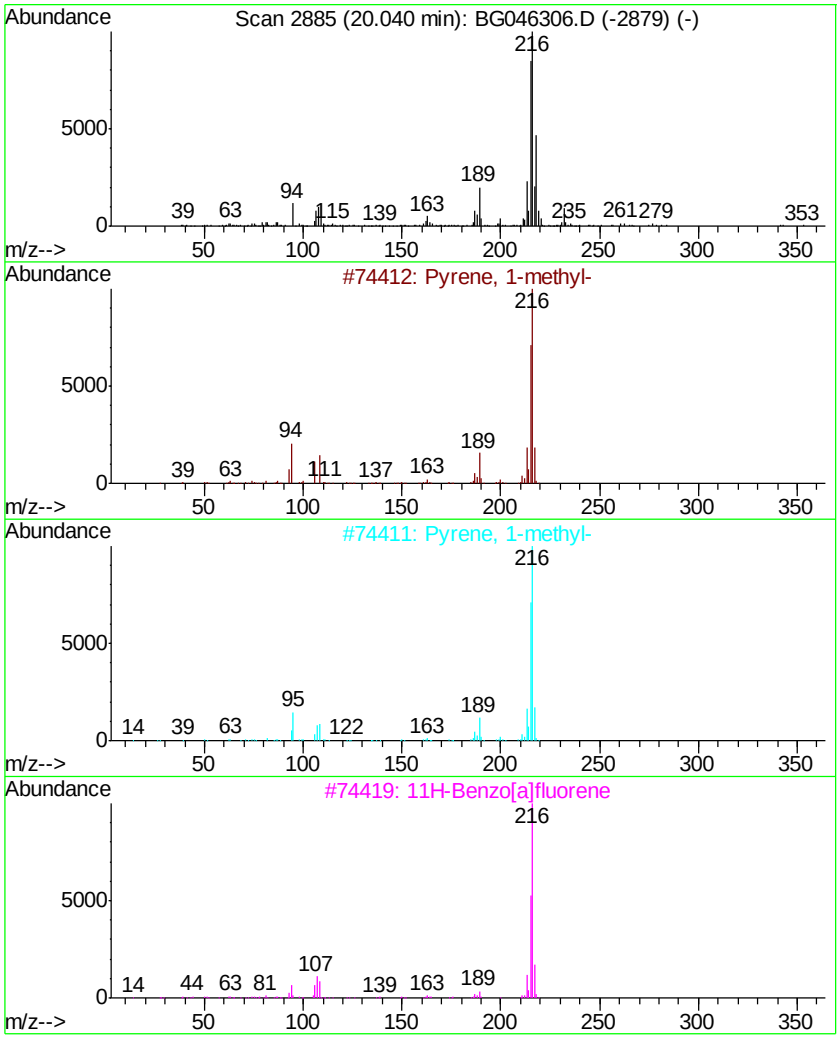
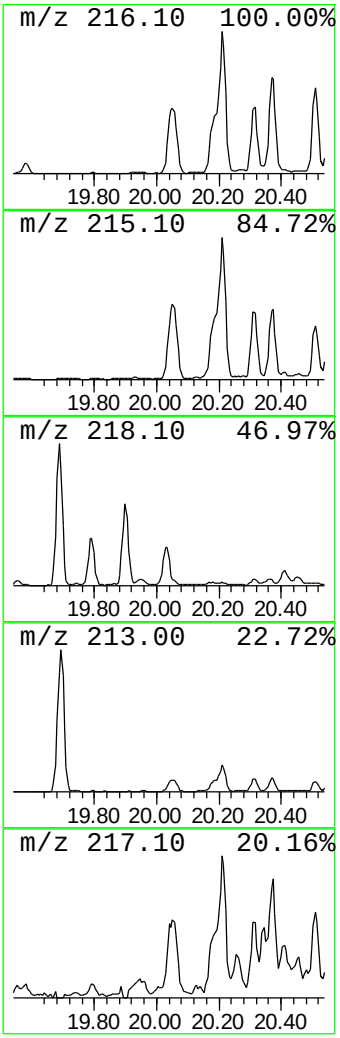
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.93 ng/ul	545993	Chrysene-d12	21.56

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	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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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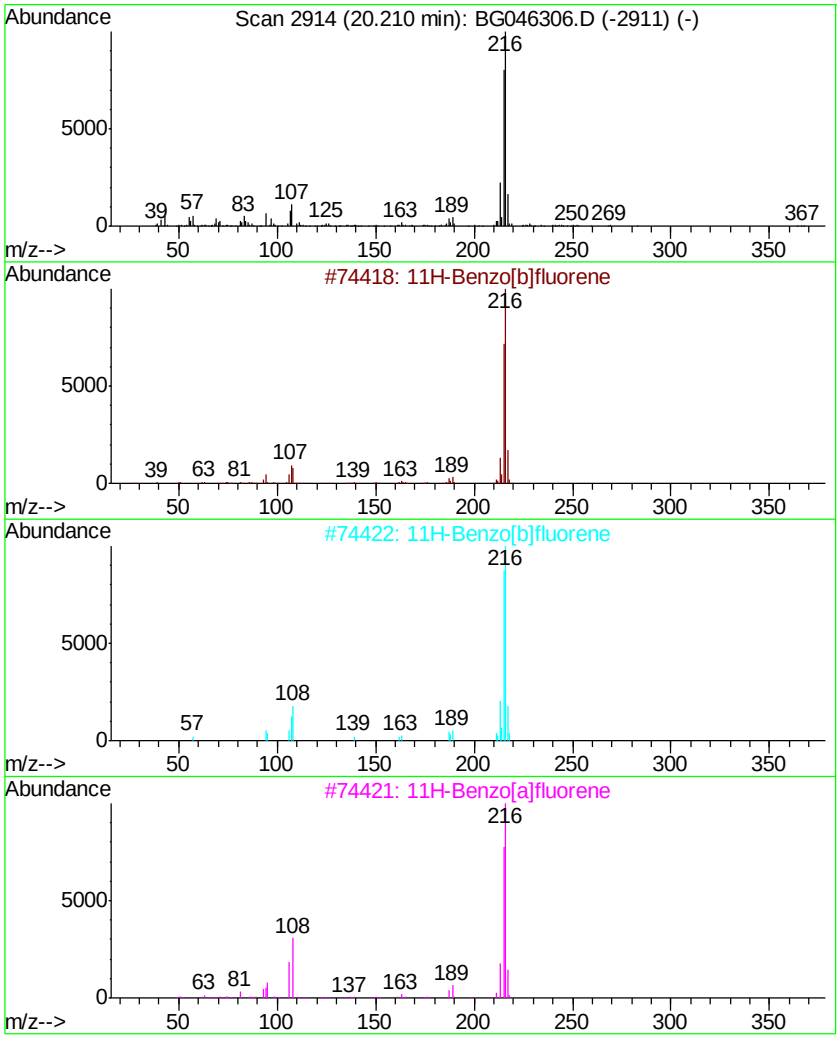
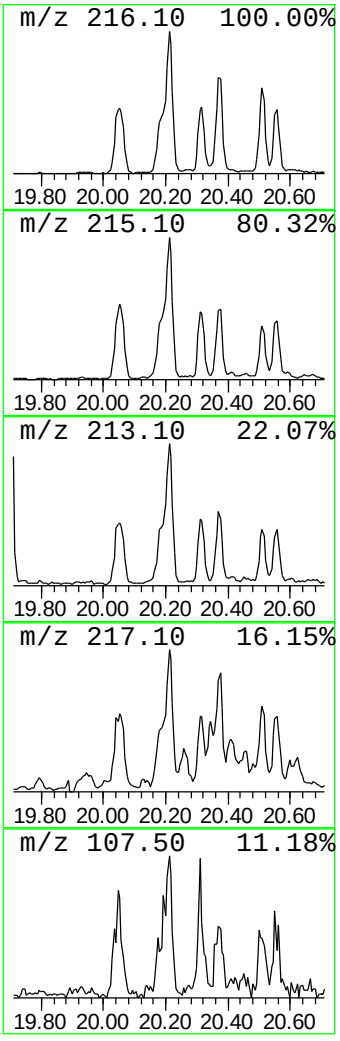
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.24 ng/ul	417779	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Library Search Compound Report

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Sample : L3632-02
Misc :
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Instrument : BNA_G
ClientSampleId : BFM80

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Quant Title : SVOA CALIBRATION

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

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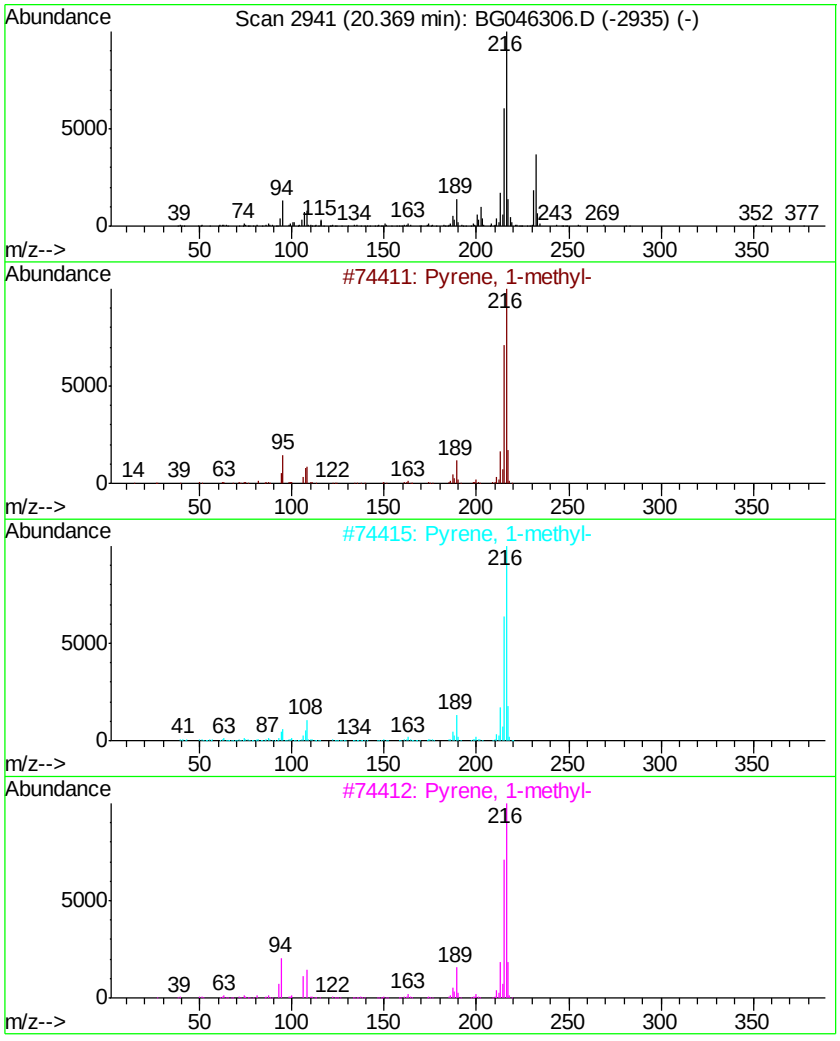
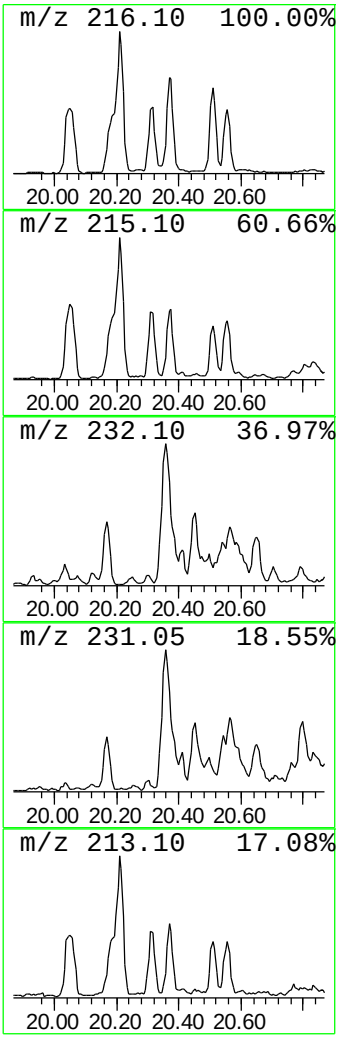
Peak Number 27 Pyrene, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.24 ng/ul	416258	Chrysene-d12	21.56

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	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

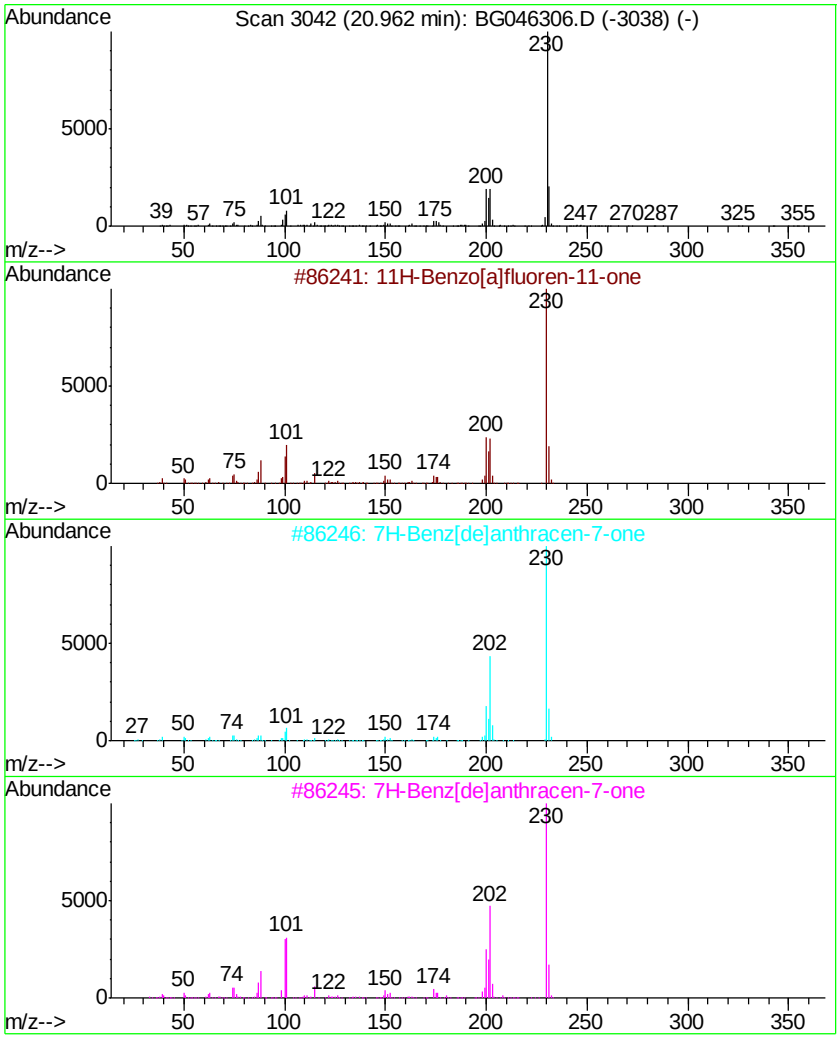
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

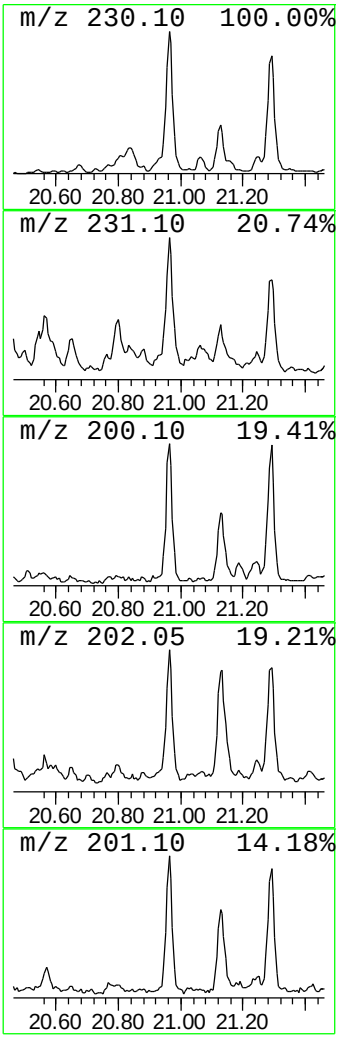
****

Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.32 ng/ul	432600	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

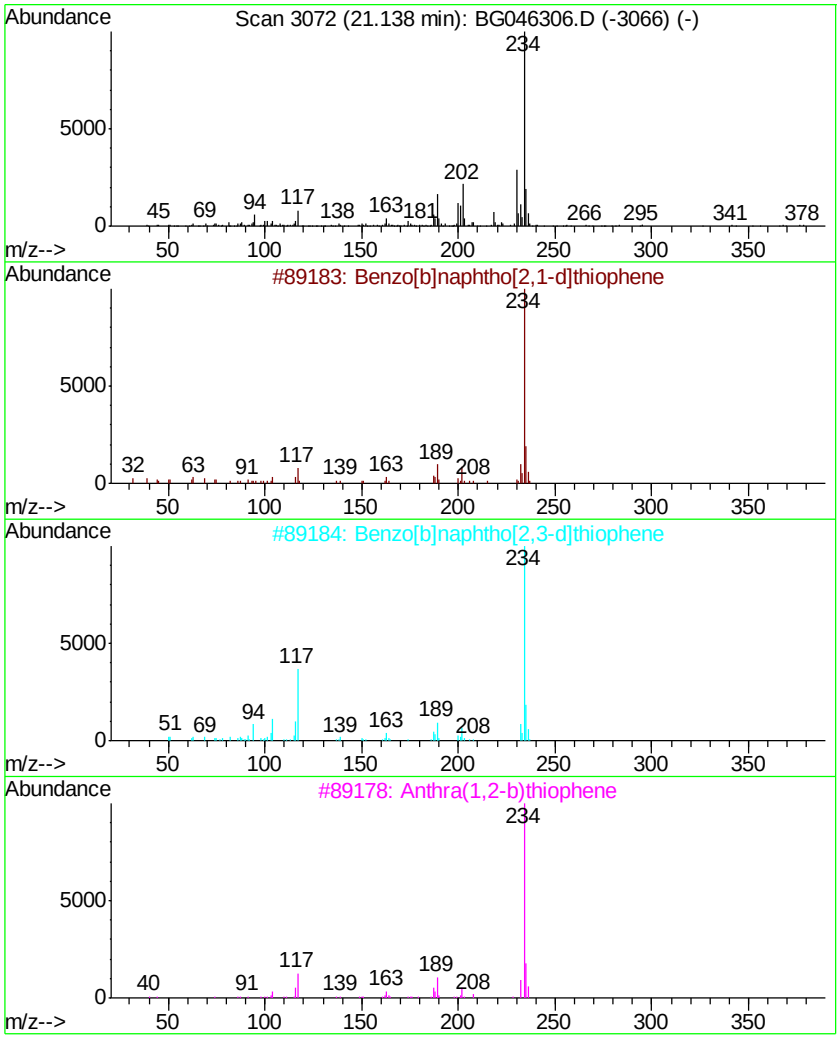
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

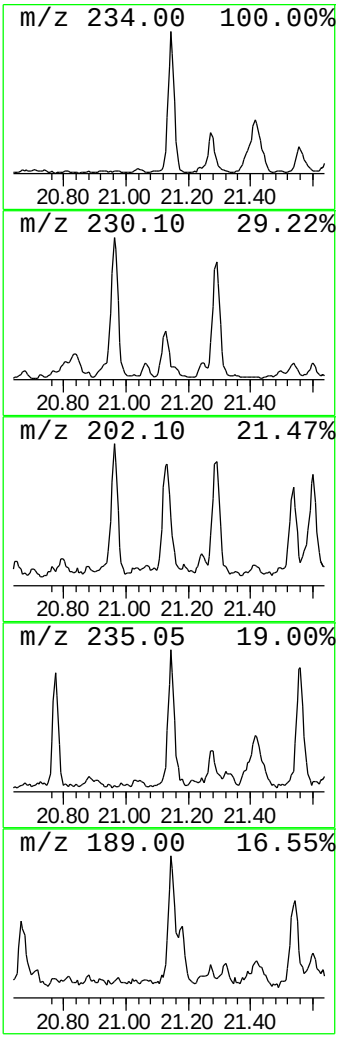
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.31 ng/ul	430482	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

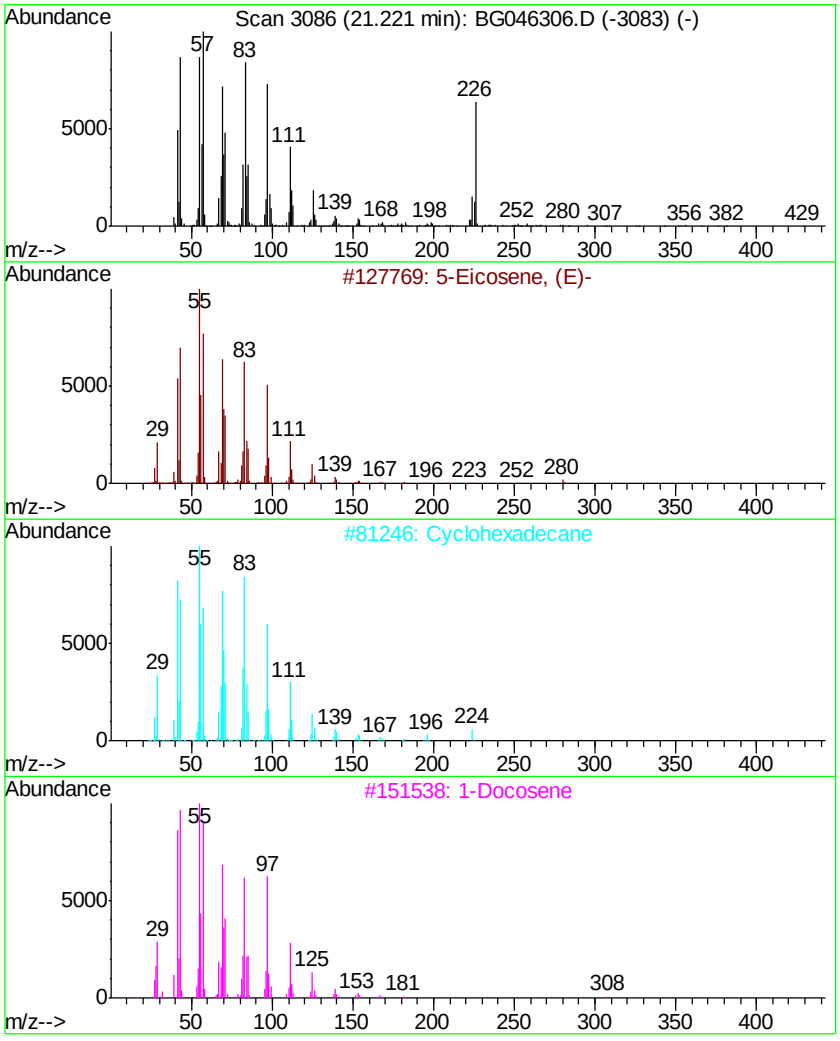
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

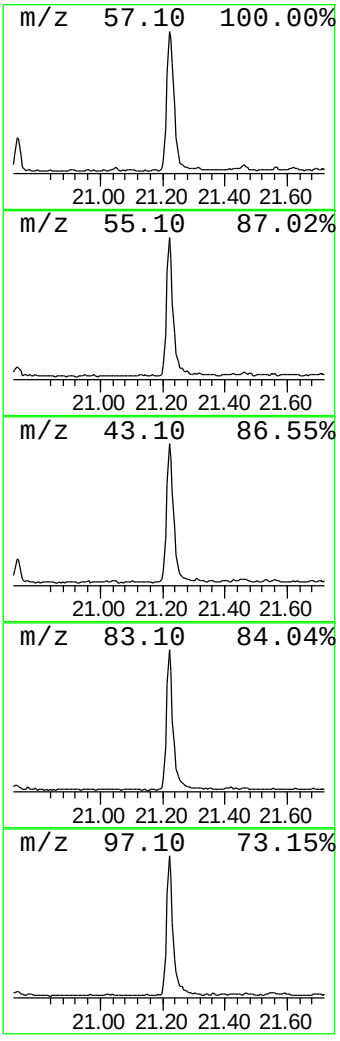
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	7.55 ng/ul	1405590	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Docosene	308	C22H44	001599-67-3	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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

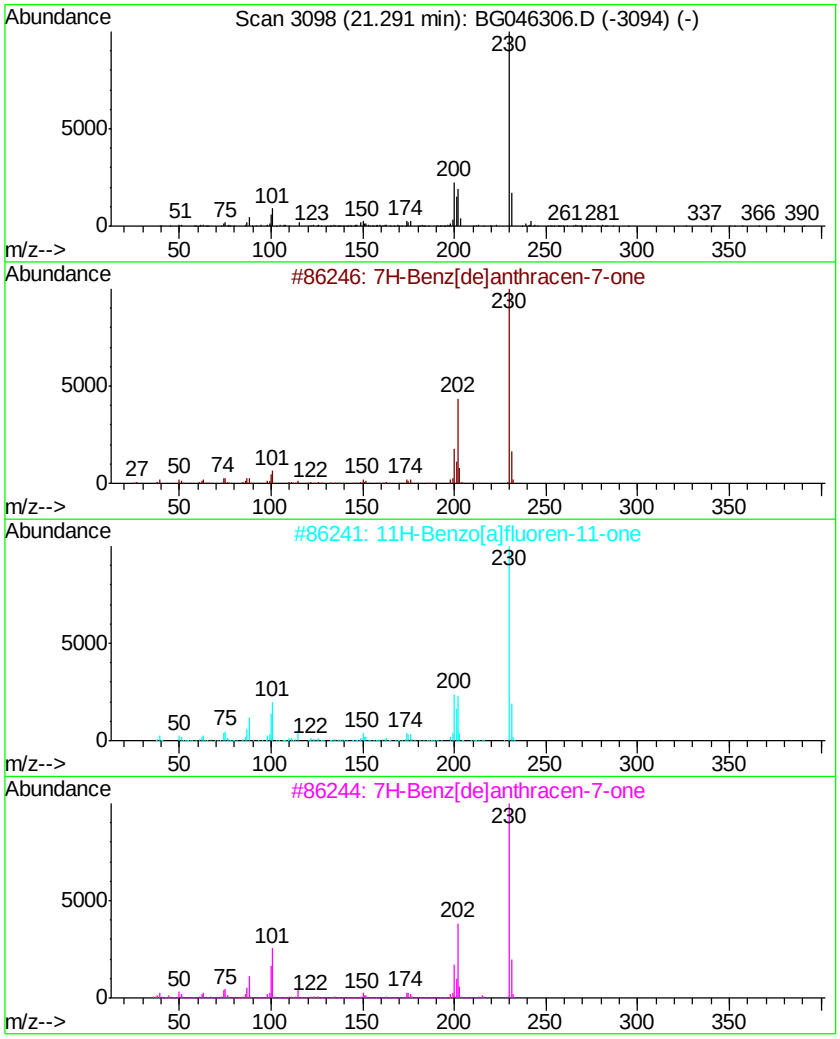
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

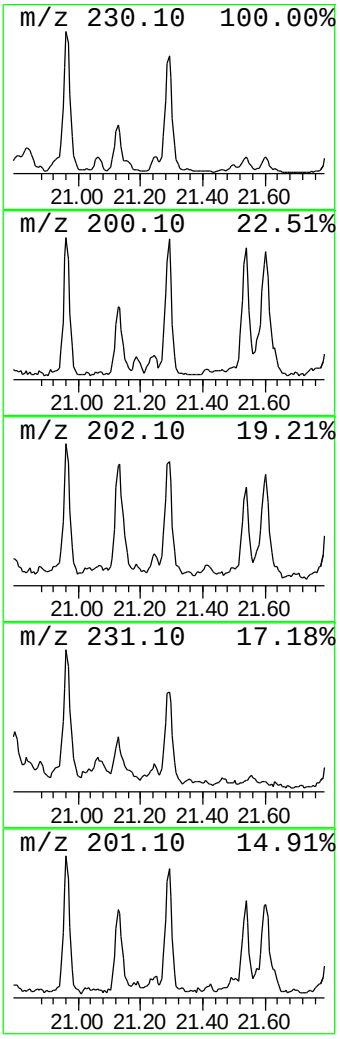
****

Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.47 ng/ul	458842	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

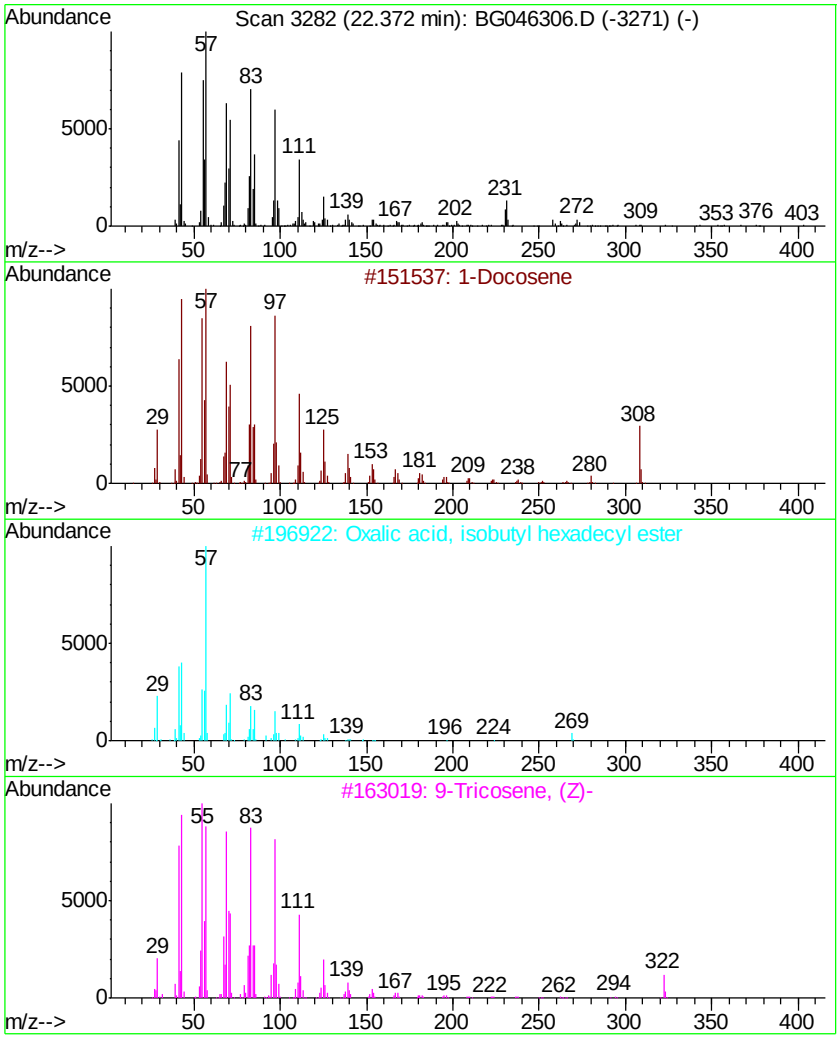
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

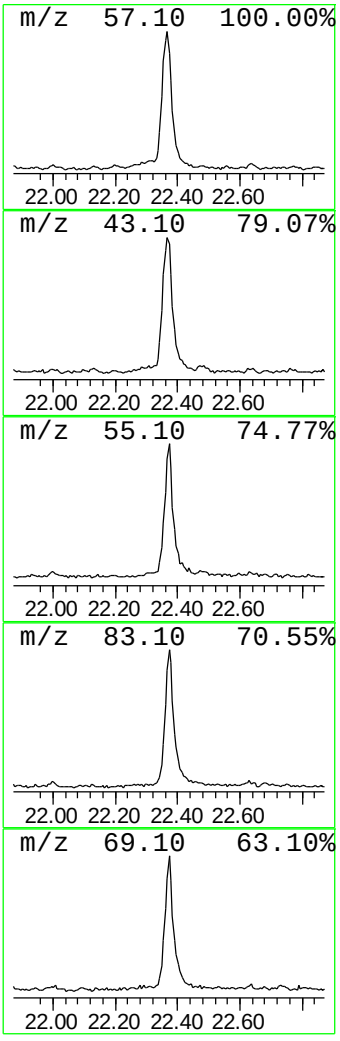
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	4.66 ng/ul	867626	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

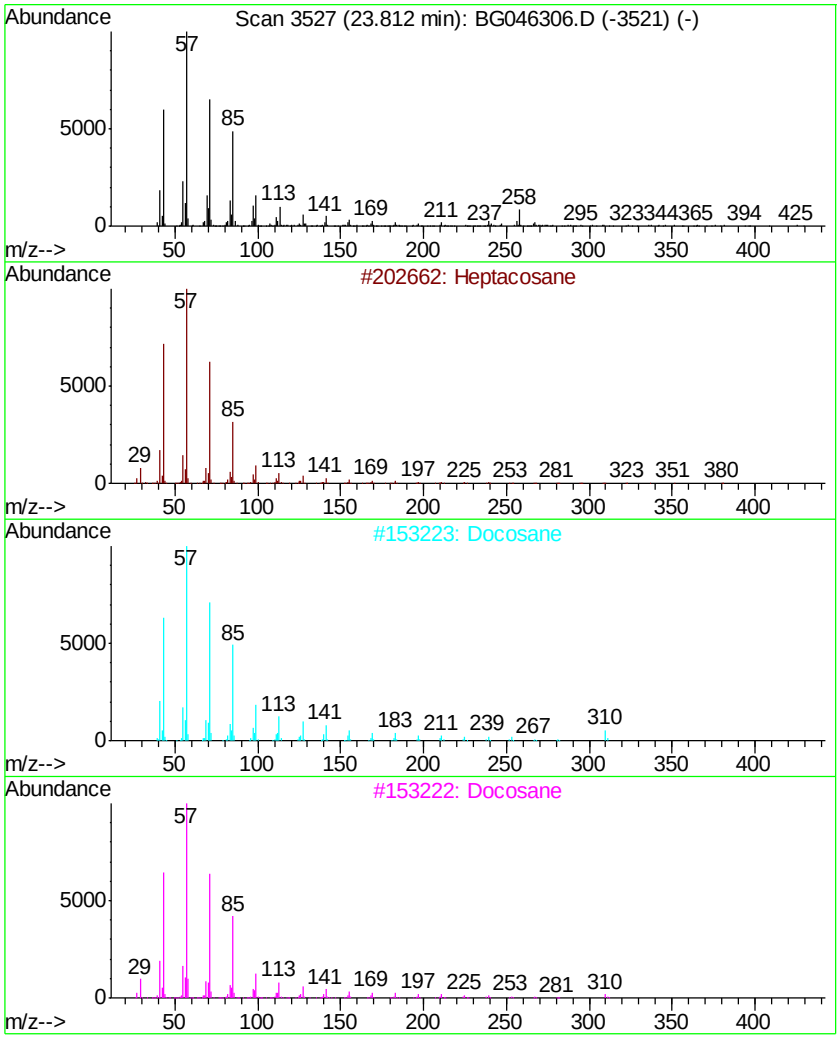
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

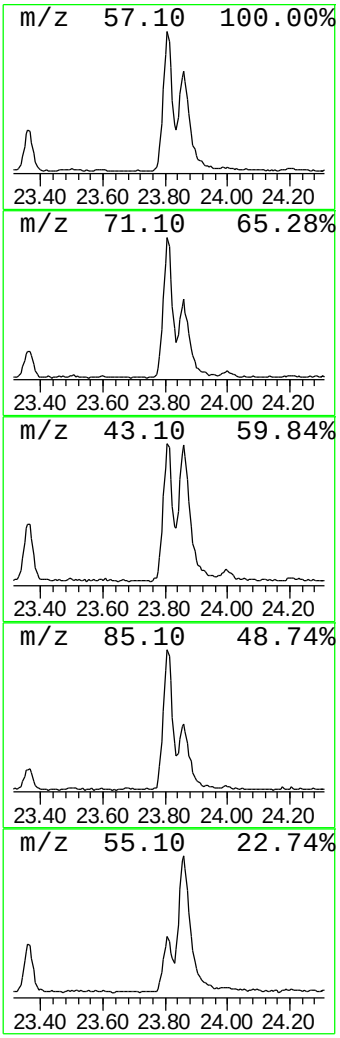
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	7.31 ng/ul	598637	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Docosane	310	C22H46	000629-97-0	93
3	Docosane	310	C22H46	000629-97-0	93
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

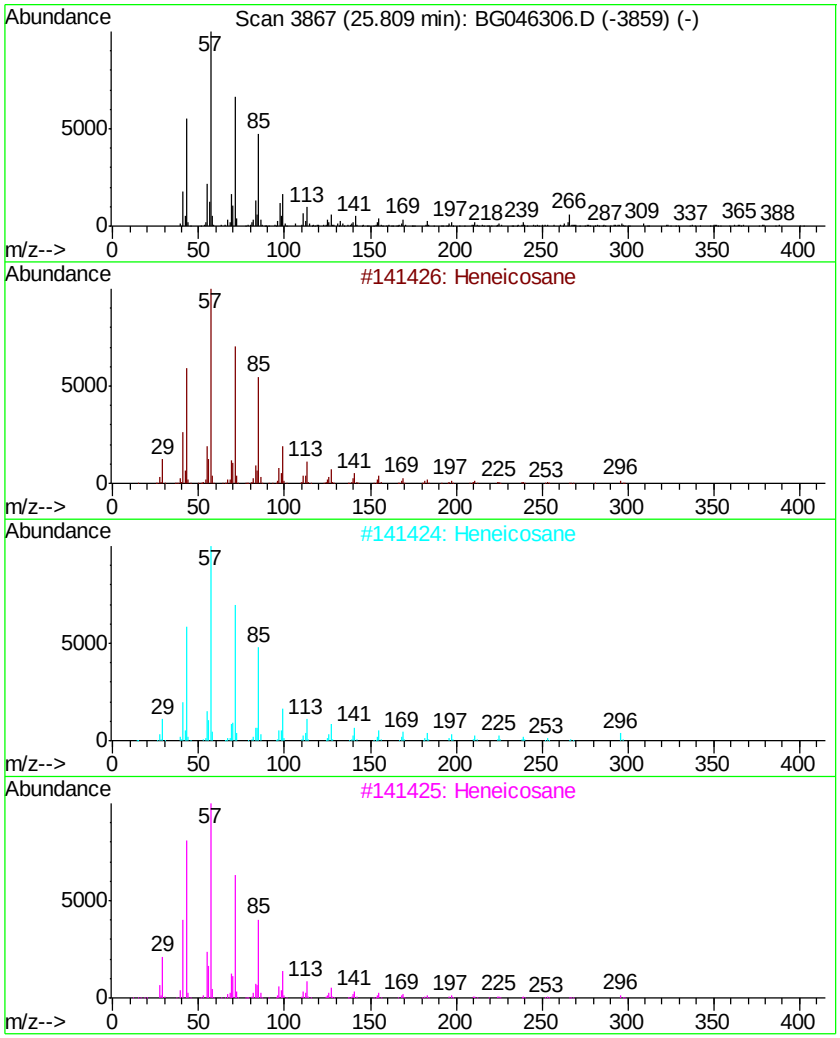
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

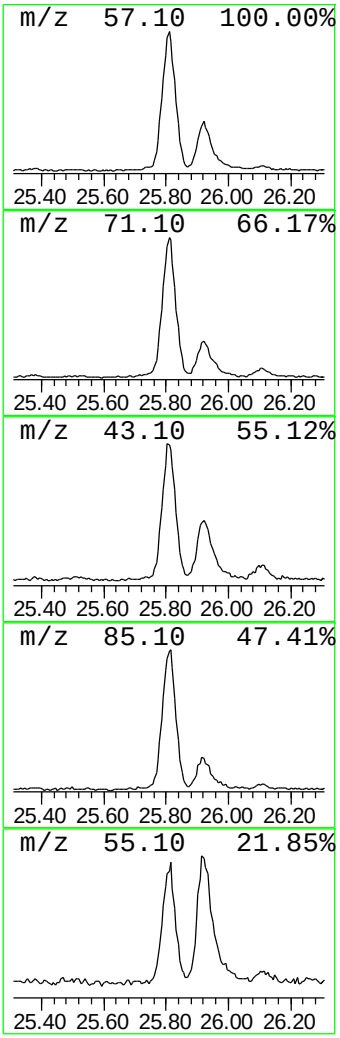
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	9.94 ng/ul	813715	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Heneicosane	296	C21H44	000629-94-7	92
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046306.D
Acq On : 17 Aug 2020 21:55
Operator : CG/JU
Sample : L3632-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM80

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	84.5	ng/ul	1649650	1	7.94	390373	20.0
Benzene, 1,3-dime...	5.59	2.4	ng/ul	47690	1	7.94	390373	20.0
2(3H)-Furanone, 5...	7.11	28.0	ng/ul	547078	1	7.94	390373	20.0
unknown-01	7.27	19.5	ng/ul	381104	1	7.94	390373	20.0
unknown-02	7.47	27.6	ng/ul	538431	1	7.94	390373	20.0
unknown-03	8.64	34.5	ng/ul	673874	1	7.94	390373	20.0
1H-Imidazole, 4-m...	9.09	26.1	ng/ul	509988	1	7.94	390373	20.0
unknown-04	9.82	13.9	ng/ul	444232	2	10.73	641265	20.0
Pyrido[2,3-d]pyri...	10.87	14.2	ng/ul	453986	2	10.73	641265	20.0
unknown-05	13.97	23.8	ng/ul	1260480	3	14.56	1059380	20.0
Dimethyl phthalate	14.02	6.3	ng/ul	332763	3	14.56	1059380	20.0
unknown-06	14.76	9.8	ng/ul	516535	3	14.56	1059380	20.0
unknown-07	15.67	11.2	ng/ul	593481	3	14.56	1059380	20.0
Carbazole	17.71	3.0	ng/ul	212276	4	17.31	1406830	20.0
Anthracene, 1-met...	18.18	3.9	ng/ul	274296	4	17.31	1406830	20.0
n-Hexadecanoic acid	18.22	13.5	ng/ul	949128	4	17.31	1406830	20.0
Phenanthrene, 2-m...	18.31	2.0	ng/ul	142356	4	17.31	1406830	20.0
4H-Cyclopenta[def...	18.38	6.7	ng/ul	469093	4	17.31	1406830	20.0
Phenanthrene, 9-m...	18.41	2.7	ng/ul	191844	4	17.31	1406830	20.0
Naphthalene, 2-ph...	18.68	3.5	ng/ul	244490	4	17.31	1406830	20.0
9,10-Anthracenedione	18.72	3.2	ng/ul	224003	4	17.31	1406830	20.0
Phenanthrene, 2,5...	19.10	4.1	ng/ul	288711	4	17.31	1406830	20.0
Phenanthrene, 2,7...	19.16	2.1	ng/ul	144586	4	17.31	1406830	20.0
Cyclopenta(def)ph...	19.23	3.9	ng/ul	274132	4	17.31	1406830	20.0
Pyrene, 1-methyl-	20.04	2.9	ng/ul	545993	5	21.56	3722260	20.0
11H-Benzo[b]fluorene	20.21	2.2	ng/ul	417779	5	21.56	3722260	20.0
Pyrene, 2-methyl-	20.37	2.2	ng/ul	416258	5	21.56	3722260	20.0
11H-Benzo[a]fluor...	20.96	2.3	ng/ul	432600	5	21.56	3722260	20.0
Benzo[b]naphtho[2...	21.14	2.3	ng/ul	430482	5	21.56	3722260	20.0
(DEL) Alkane: Str...	21.22	7.5	ng/ul	1405590	5	21.56	3722260	20.0
7H-Benz[de]anthra...	21.29	2.5	ng/ul	458842	5	21.56	3722260	20.0
(DEL) Alkane: Str...	22.37	4.7	ng/ul	867626	5	21.56	3722260	20.0
(DEL) Alkane: Str...	23.81	7.3	ng/ul	598637	6	24.66	1637660	20.0
(DEL) Alkane: Str...	25.81	9.9	ng/ul	813715	6	24.66	1637660	20.0