LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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	42	rVB	1254177	2230955	64.28%	3.902%
2	3.917	136	141	148	rBV	34197	52411	1.51%	0.092%
3	7.108	677	684	695	rBV	353965	626218	18.04%	1.095%
4	7.266	704	711	723	rVB	249795	430403	12.40%	0.753%
5	7.478	738	747	755	rBV	338127	606790	17.48%	1.061%
6	7.942	816	826	833	rBV	241357	419531	12.09%	0.734%
7	8.647	938	946	958	rBV	447763	778825	22.44%	1.362%
8	9.094	1013	1022	1032	rBV	311418	566529	16.32%	0.991%
9	9.816	1138	1145	1154	rBV	285745	503414	14.50%	0.880%
10	10.357	1229	1237	1251	rBV	479129	879941	25.35%	1.539%
11	10.739	1293	1302	1308	rBV	369815	658945	18.99%	1.152%
12	10.868	1316	1324	1344	rBV	304310	620706	17.88%	1.086%
13	13.888	1830	1838	1844	rBV3	17268	31727	0.91%	0.055%
14	13.970	1844	1852	1857	rBV	887911	1368757	39.44%	2.394%
15	14.017	1857	1860	1866	rVV	268512	373521	10.76%	0.653%
16	14.258	1894	1901	1920	rBV	1138114	1813812	52.26%	3.172%
17	14.569	1944	1954	1960	rBV	638305	1015390	29.26%	1.776%
18	14.628	1960	1964	1971	rVB	33983	60720	1.75%	0.106%
19	14.763	1980	1987	2001	rBV	327905	604778	17.42%	1.058%
20	14.969	2016	2022	2029	rVB	38097	69013	1.99%	0.121%
21	15.562	2115	2123	2128	rBV	1432483	2277117	65.61%	3.983%
22	15.615	2128	2132	2136	rVV2	60947	84617	2.44%	0.148%
23	15.674	2136	2142	2150	rVV	417587	612126	17.64%	1.071%
24	15.797	2156	2163	2166	rBV5	19033	35534	1.02%	0.062%
25	15.909	2177	2182	2189	rVB	29899	52620	1.52%	0.092%
26	16.056	2201	2207	2214	rVB2	31414	66505	1.92%	0.116%
27	16.244	2231	2239	2243	rBV	28874	51981	1.50%	0.091%
28	16.291	2243	2247	2254	rVB6	20679	31123	0.90%	0.054%
29	16.620	2300	2303	2308	rVV3	20907	35274	1.02%	0.062%
30	16.849	2334	2342	2346	rBV3	30498	63201	1.82%	0.111%
31	16.961	2356	2361	2369	rVB2	63429	117621	3.39%	0.206%
32	17.043	2370	2375	2381	rBV3	28465	68490	1.97%	0.120%
33	17.131	2386	2390	2394	rVB	35792	52587	1.52%	0.092%
34	17.307	2411	2420	2424	rBV	833137	1333297	38.42%	2.332%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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	17.349	2424	2427	2432	rVB	740218	1078510	31.07%	1.886%
36	17.407	2432	2437	2442	rBV2	1552629	2359374	67.98%	4.126%
37	17.495	2448	2452	2458	rVB2	35778	61224	1.76%	0.107%
38	17.625	2470	2474	2479	rVB3	19718	32902	0.95%	0.058%
39	17.707	2479	2488	2492	rBV2	81088	167386	4.82%	0.293%
40	17.824	2505	2508	2513	rVV3	36740	62227	1.79%	0.109%
41	17.889	2515	2519	2528	rVB6	30784	57710	1.66%	0.101%
42	17.989	2528	2536	2540	rBV7	14720	38205	1.10%	0.067%
43	18.148	2559	2563	2565	rBV5	23350	30888	0.89%	0.054%
44	18.183	2565	2569	2571	rBV	131735	181149	5.22%	0.317%
45	18.212	2571	2574	2576	rBV	179837	207342	5.97%	0.363%
46	18.312	2587	2591	2596	rVB	74174	104039	3.00%	0.182%
47	18.377	2596	2602	2606	rVV2	205254	391412	11.28%	0.685%
48	18.412	2606	2608	2614	rVB	117288	157299	4.53%	0.275%
49	18.682	2649	2654	2657	rBV	132175	194563	5.61%	0.340%
50	18.718	2657	2660	2665	rVB	148773	199245	5.74%	0.348%
51	18.806	2672	2675	2683	rVB6	18056	30352	0.87%	0.053%
52	18.929	2692	2696	2700	rVV2	61968	90966	2.62%	0.159%
53	18.982	2701	2705	2708	rVV	45659	72510	2.09%	0.127%
54	19.017	2708	2711	2715	rVB2	49509	68719	1.98%	0.120%
55	19.099	2720	2725	2729	rBV	138883	224423	6.47%	0.393%
56	19.158	2729	2735	2738	rBV4	52829	105046	3.03%	0.184%
57	19.235	2744	2748	2757	rVB	141406	232116	6.69%	0.406%
58	19.358	2764	2769	2776	rVB	1571801	2295227	66.13%	4.014%
59	19.423	2777	2780	2783	rBV	31367	41697	1.20%	0.073%
60	19.458	2783	2786	2788	rBV	39720	49326	1.42%	0.086%
61	19.511	2792	2795	2798	rVB	61491	71261	2.05%	0.125%
62	19.558	2798	2803	2806	rBV2	49994	87533	2.52%	0.153%
63	19.693	2820	2826	2829	rBV2	2190182	3470759	100.00%	6.070%
64	19.722	2829	2831	2839	rVB	1599336	1908033	54.97%	3.337%
65	19.793	2839	2843	2848	rBV2	98018	158600	4.57%	0.277%
66	19.898	2857	2861	2867	rBV	99974	150084	4.32%	0.262%
67	19.957	2867	2871	2877	rVB	118705	175673	5.06%	0.307%
68	20.045	2880	2886	2893	rBV3	161471	439731	12.67%	0.769%
69	20.181	2905	2909	2911	rBV4	89885	150921	4.35%	0.264%
70	20.210	2911	2914	2918	rVB	256978	358028	10.32%	0.626%
71	20.316	2927	2932	2935	rBV	129189	177477	5.11%	0.310%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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	20.369	2935	2941	2946	rVV2	228870	406750	11.72%	0.711%
73	20.451	2952	2955	2961	rBV3	44672	69370	2.00%	0.121%
74	20.510	2961	2965	2969	rBV	133716	183505	5.29%	0.321%
75	20.557	2969	2973	2978	rVV2	122803	180025	5.19%	0.315%
76	20.768	3006	3009	3012	rBV4	49717	75652	2.18%	0.132%
77	20.803	3012	3015	3018	rVB4	48229	69147	1.99%	0.121%
78	20.962	3038	3042	3050	rVB	229179	372411	10.73%	0.651%
79	21.144	3066	3073	3077	rBV2	167809	397895	11.46%	0.696%
80	21.185	3077	3080	3083	rVV2	199714	306364	8.83%	0.536%
81	21.220	3083	3086	3093	rVV3	782297	1349608	38.89%	2.360%
82	21.285	3094	3097	3108	rVB2	209266	400967	11.55%	0.701%
83	21.549	3135	3142	3147	rBV3	1288805	3170104	91.34%	5.544%
84	21.602	3147	3151	3161	rVB	898227	1518939	43.76%	2.657%
85	21.767	3173	3179	3182	rBV4	132827	286355	8.25%	0.501%
86	21.949	3205	3210	3217	rBV3	150120	323084	9.31%	0.565%
87	22.266	3260	3264	3270	rVB	222718	404268	11.65%	0.707%
88	22.337	3272	3276	3277	rBV2	147759	185990	5.36%	0.325%
89	23.359	3447	3450	3462	rVB4	180562	356525	10.27%	0.624%
90	23.688	3497	3506	3513	rBV	750062	2470377	71.18%	4.321%
91	23.806	3522	3526	3530	rBV2	174051	336274	9.69%	0.588%
92	23.859	3531	3535	3541	rVV	334343	675139	19.45%	1.181%
93	23.929	3543	3547	3554	rVB	195593	399487	11.51%	0.699%
94	24.381	3617	3624	3629	rBV	377526	945568	27.24%	1.654%
95	24.458	3629	3637	3642	rVV	963054	2545722	73.35%	4.452%
96	24.517	3643	3647	3660	rVB	695818	1683943	48.52%	2.945%
97	24.663	3664	3672	3679	rBV2	525261	1437321	41.41%	2.514%
98	25.809	3861	3867	3877	rVB4	202264	567374	16.35%	0.992%
99	25.915	3880	3885	3893	rBV4	125148	341502	9.84%	0.597%
100	28.183	4261	4271	4291	rVB3	317313	1440268	41.50%	2.519%

Sum of corrected areas: 57176370

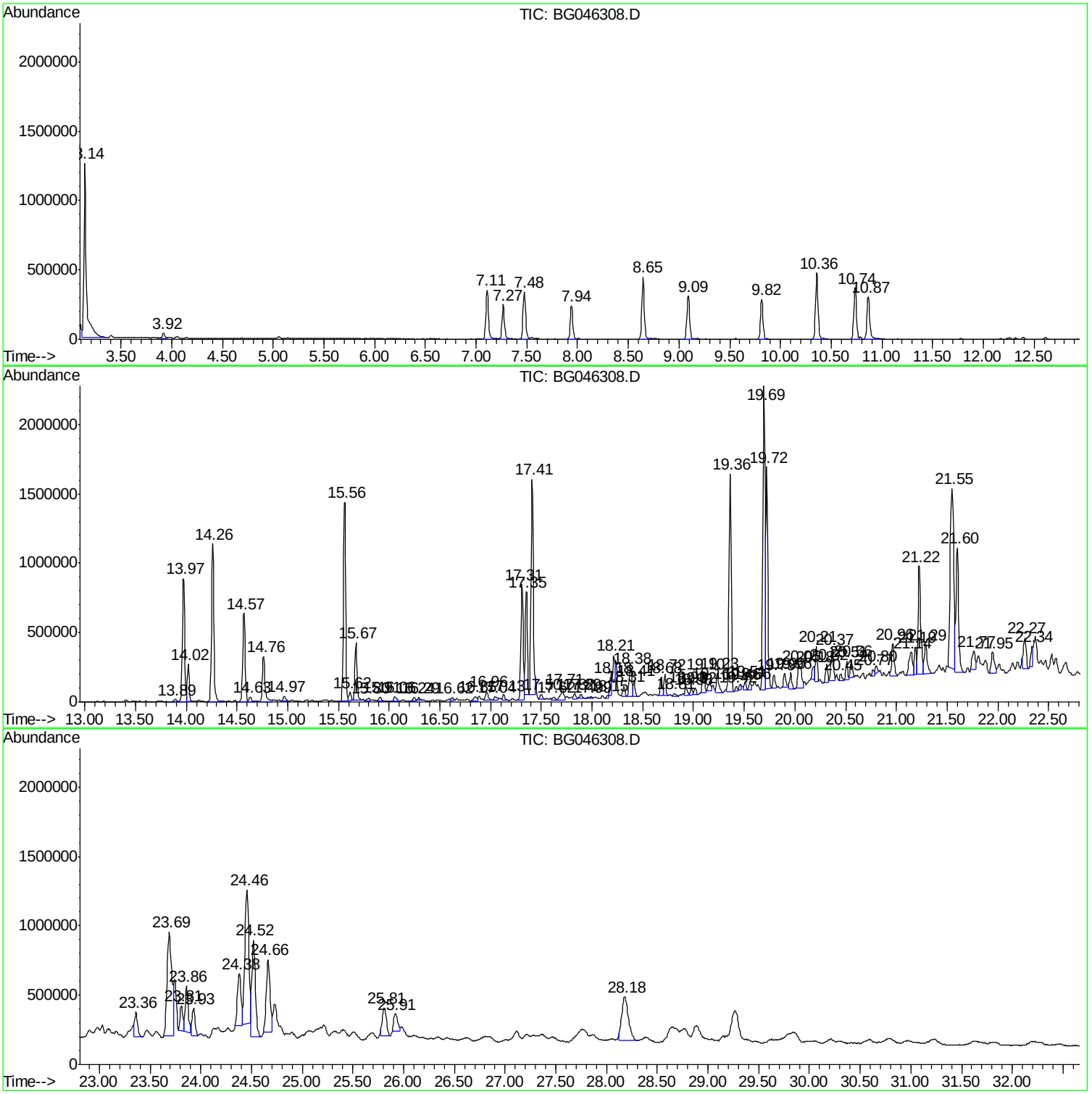
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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 : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

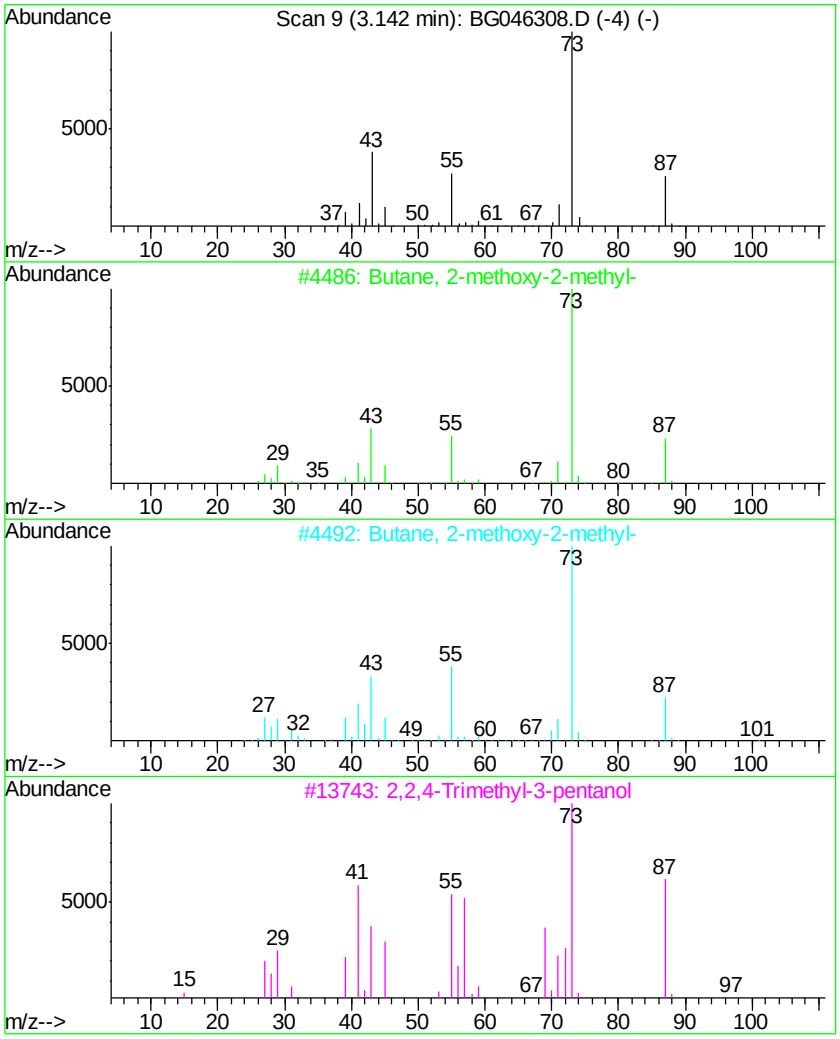
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

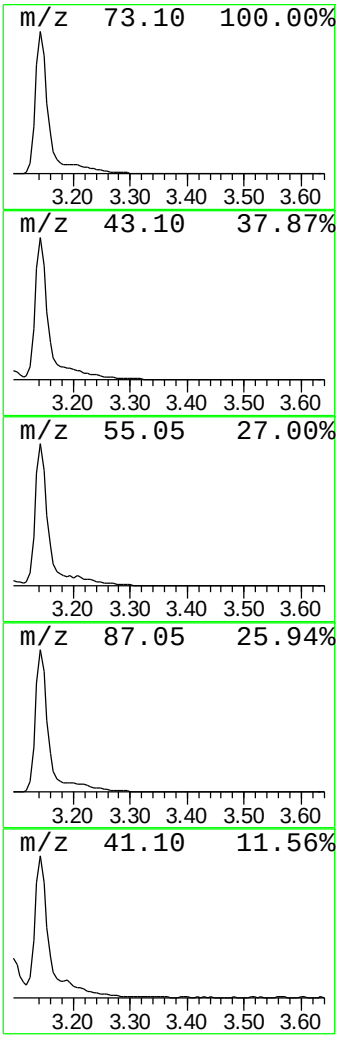
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	106.36 ng/ul	2230960	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

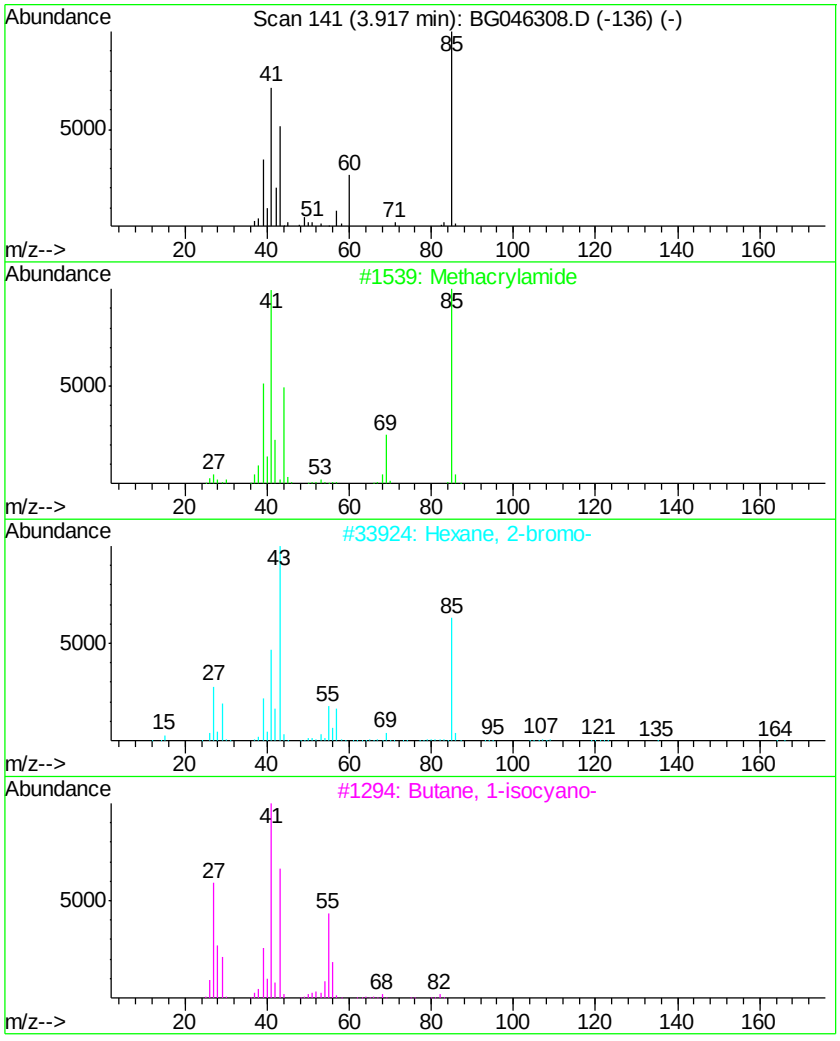
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

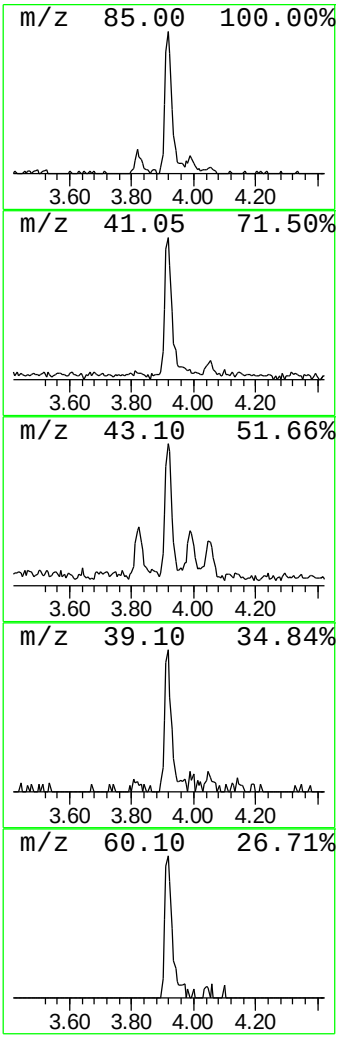
****

Peak Number 2 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.50 ng/ul	52411	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	9
2	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	9
3	Butane, 1-isocyano-	83	C5H9N	002769-64-4	9
4	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

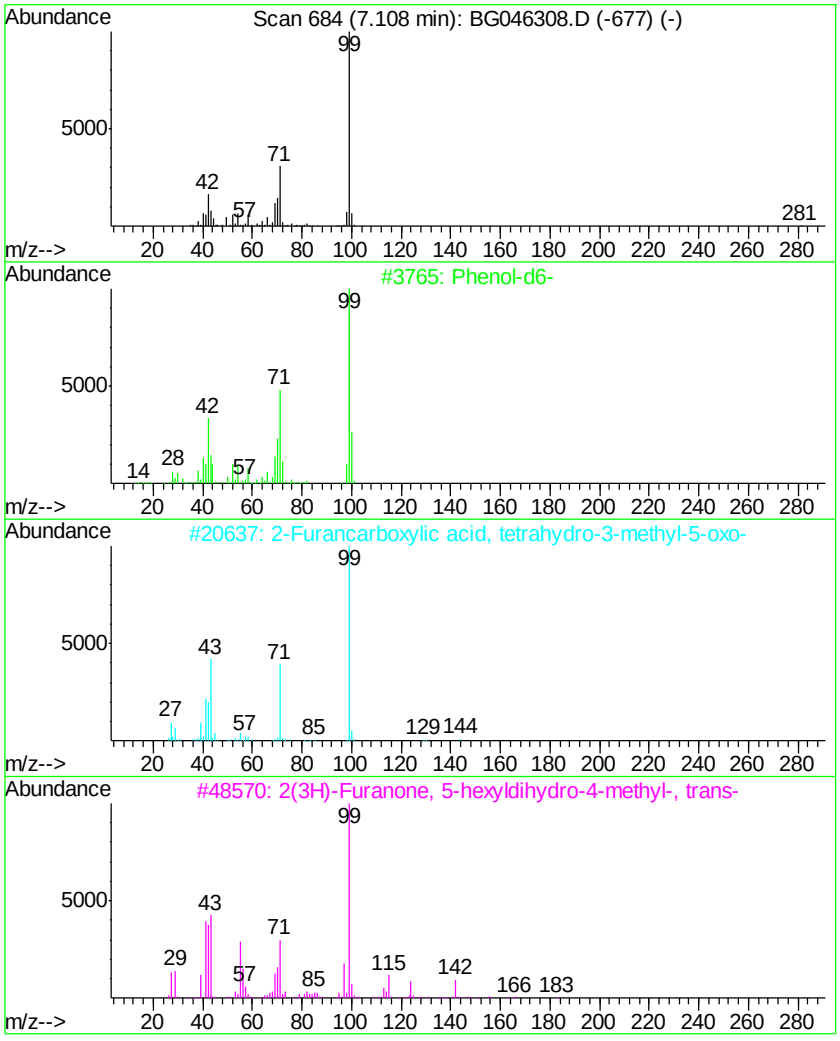
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

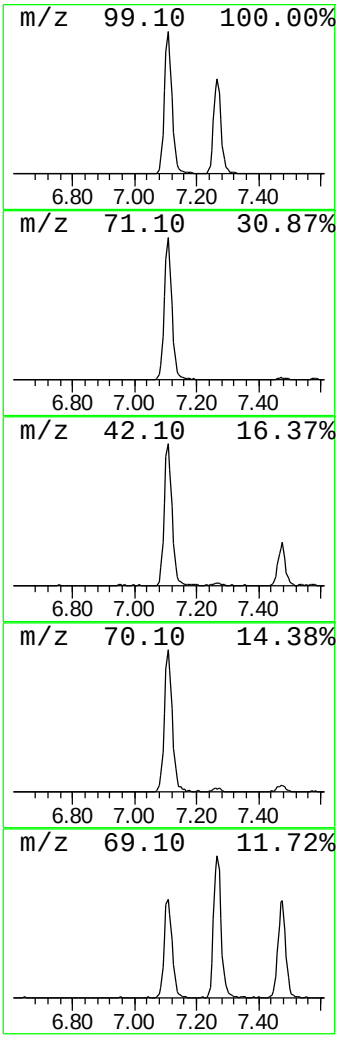
****

Peak Number 3 2-Furancarboxylic acid, tet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	29.85 ng/ul	626218	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
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	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

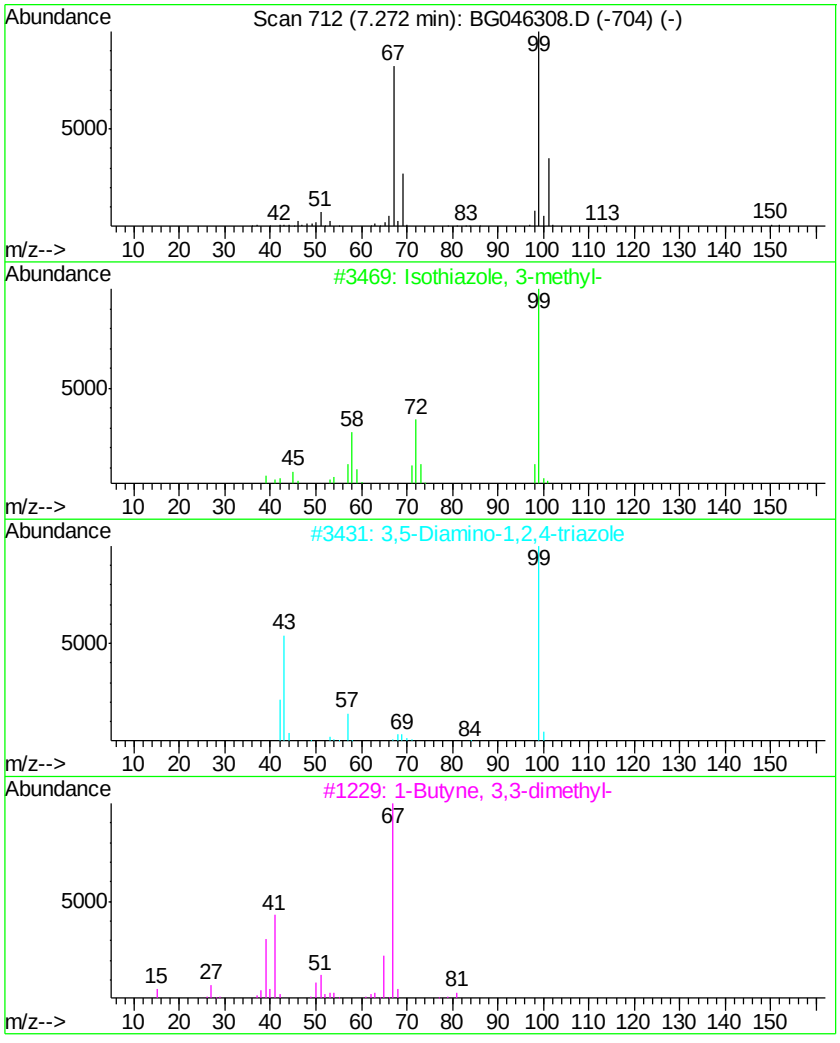
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

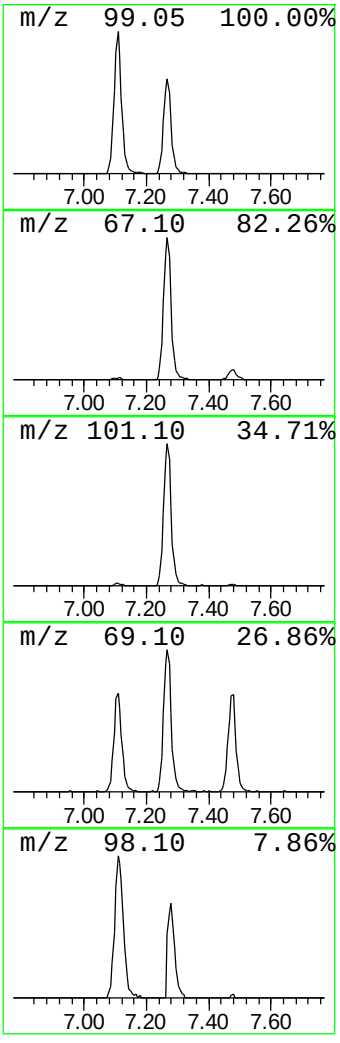
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	20.52 ng/ul	430403	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-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

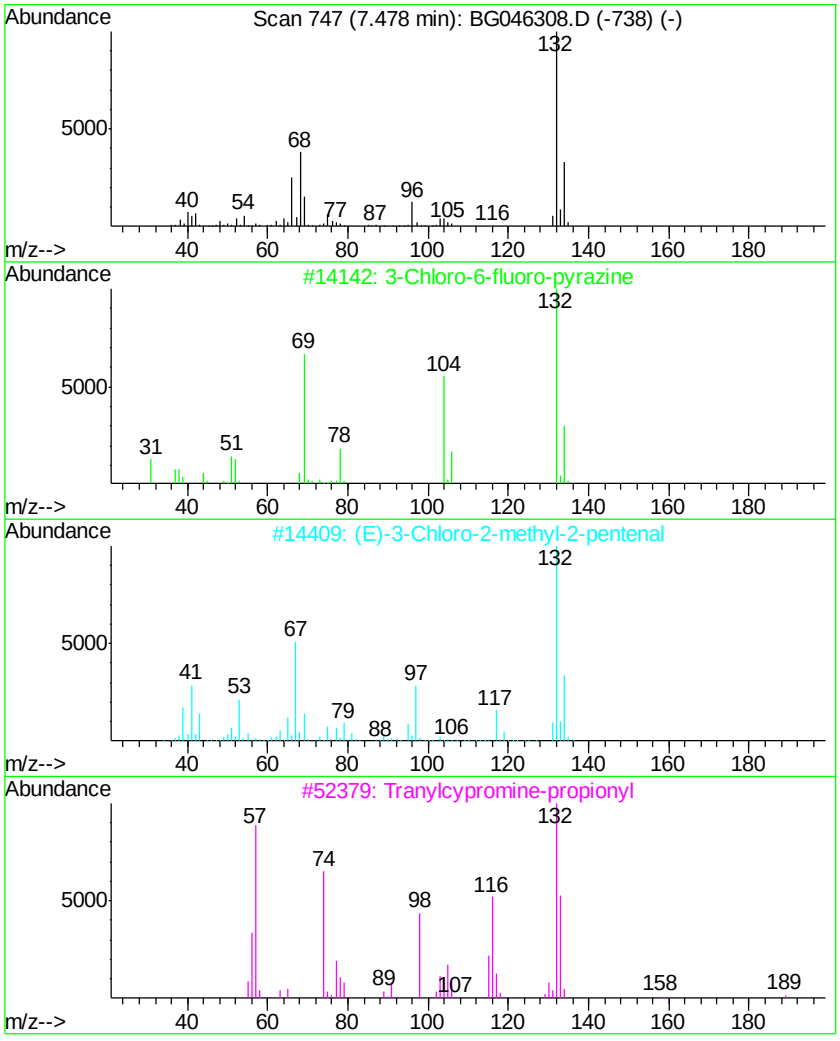
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

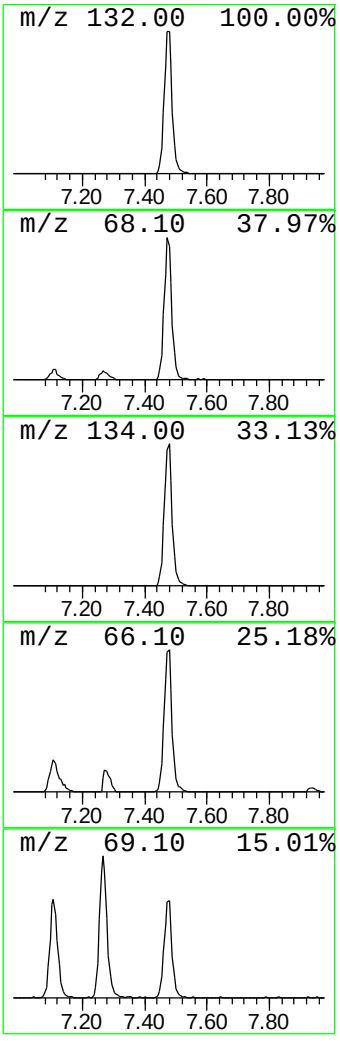
****

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	28.93 ng/ul	606790	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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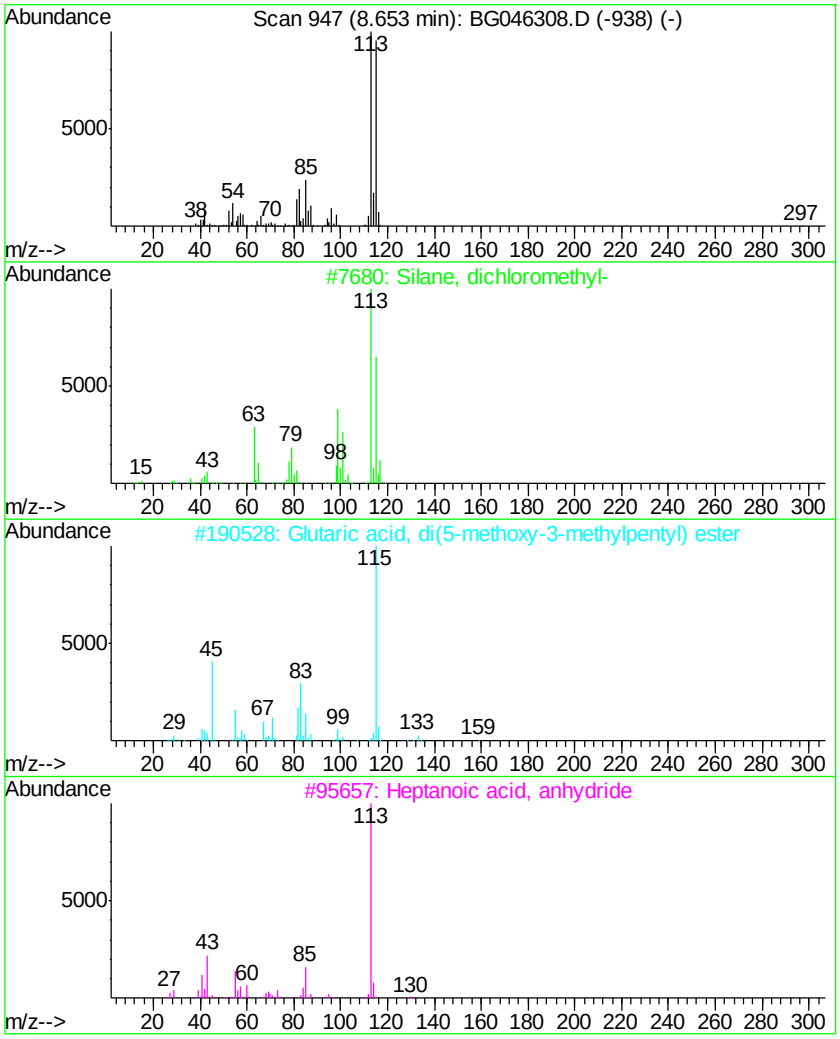
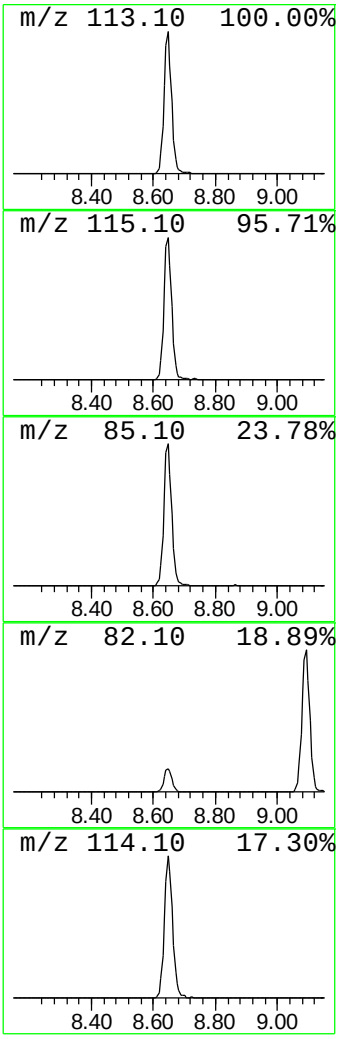
Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	37.13 ng/ul	778825	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
5	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	32





Library Search Compound Report

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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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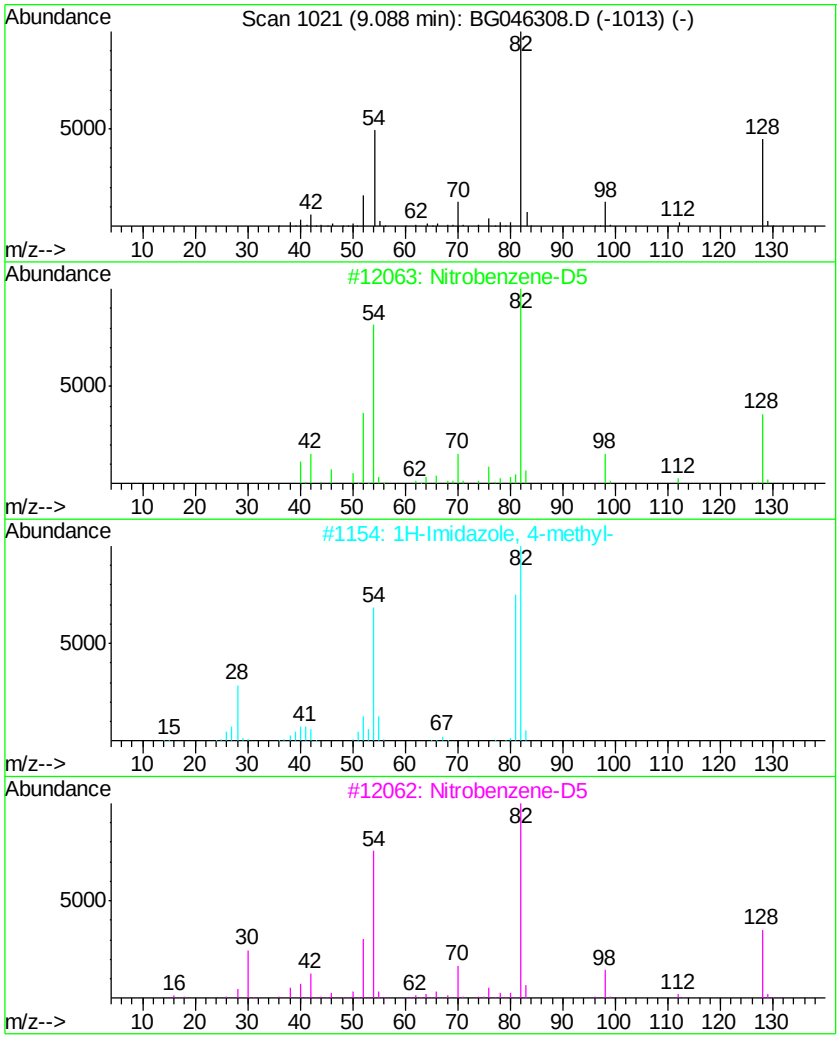
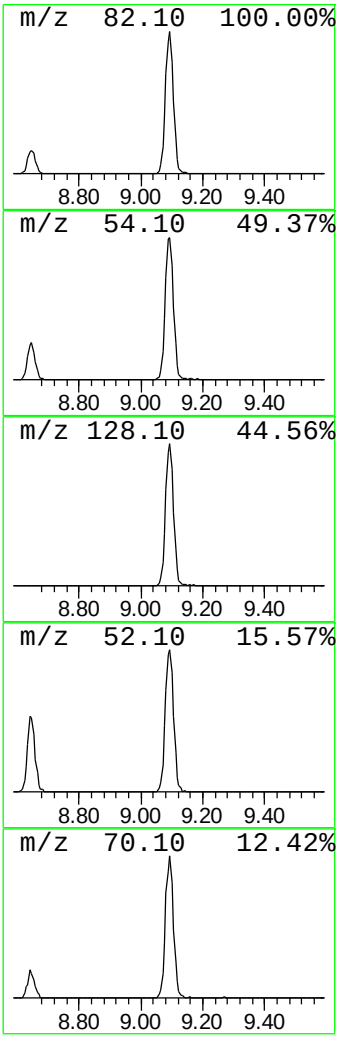
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	27.01 ng/ul	566529	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	56
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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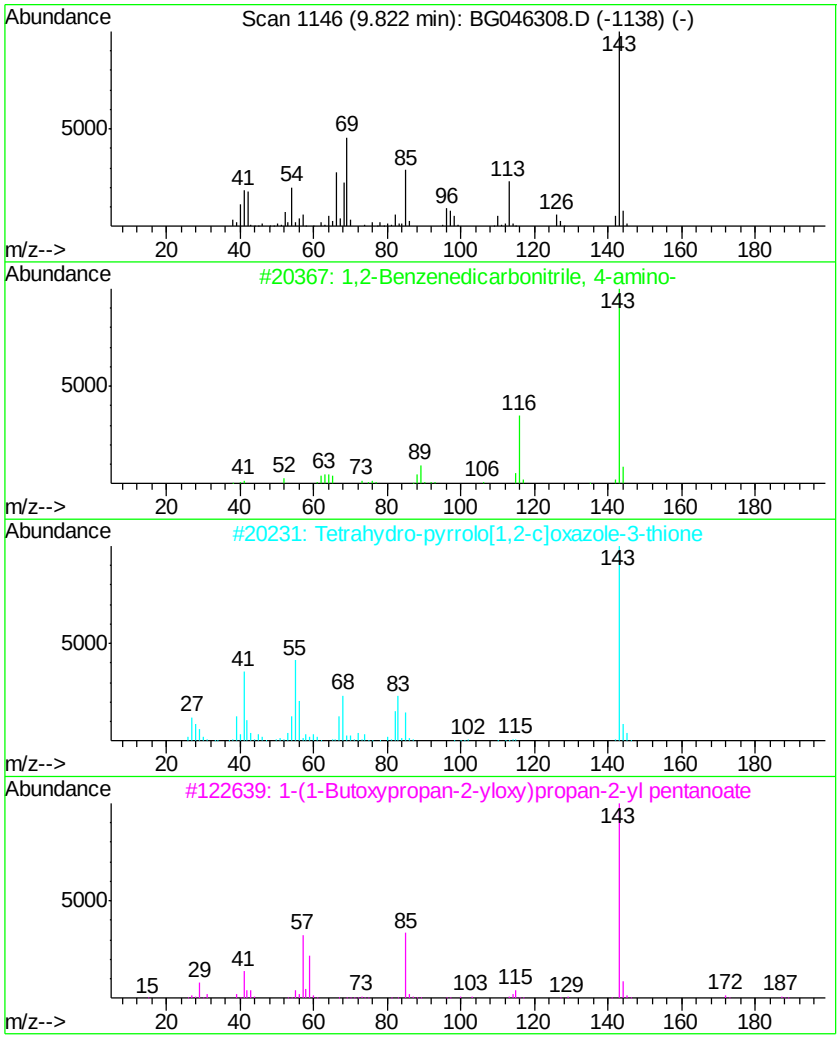
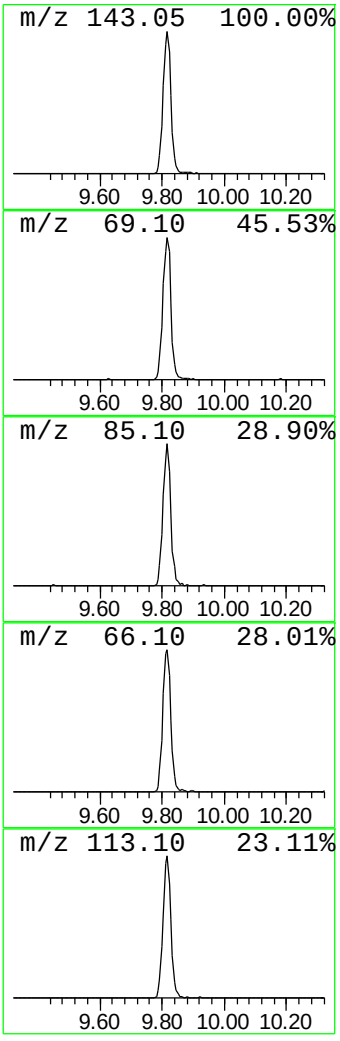
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	15.28 ng/ul	503414	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12





Library Search Compound Report

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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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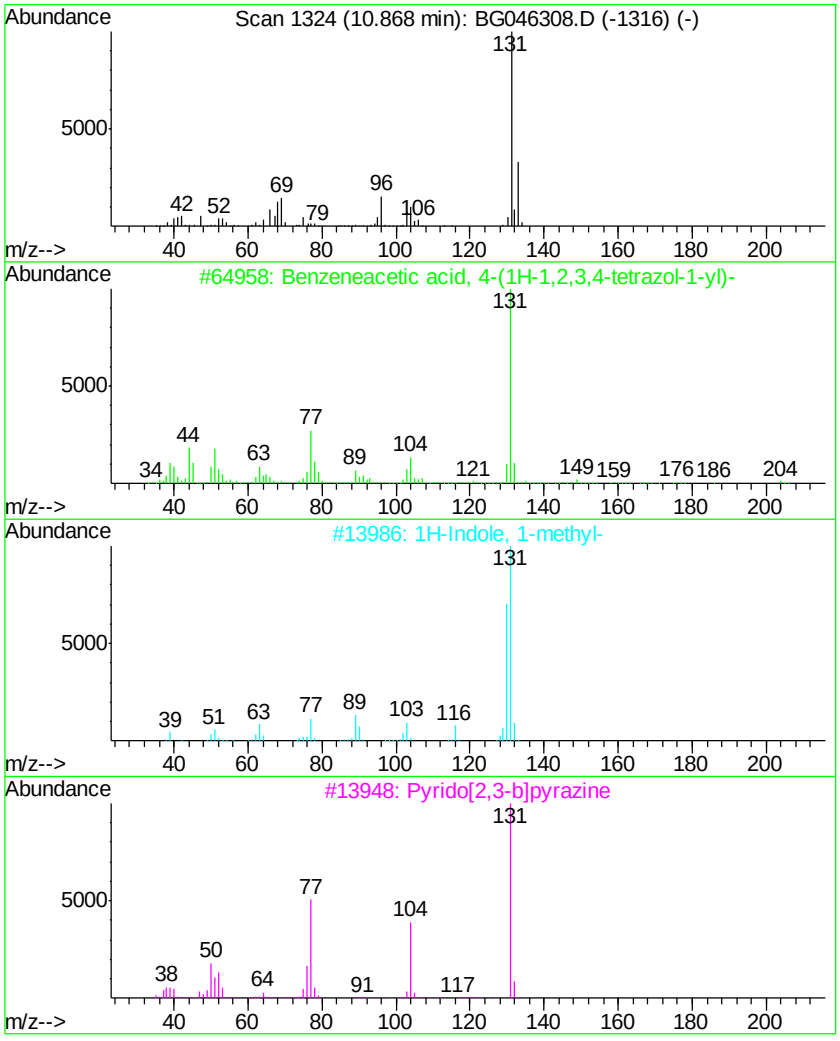
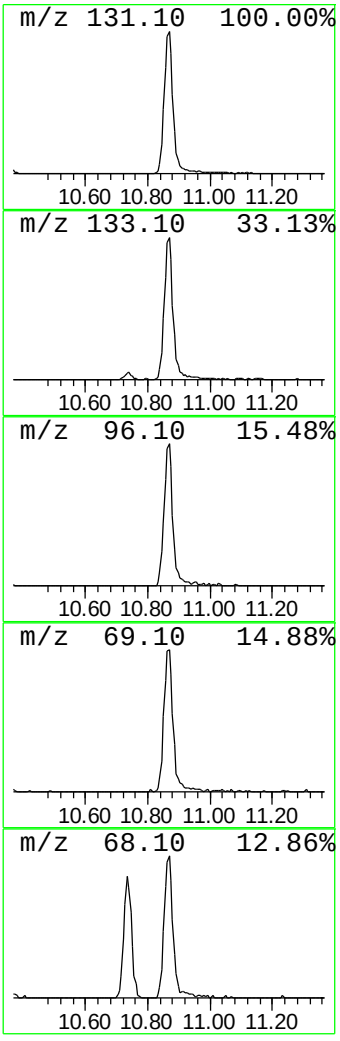
Peak Number 9 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	18.84 ng/ul	620706	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
4	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	9
5	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	7





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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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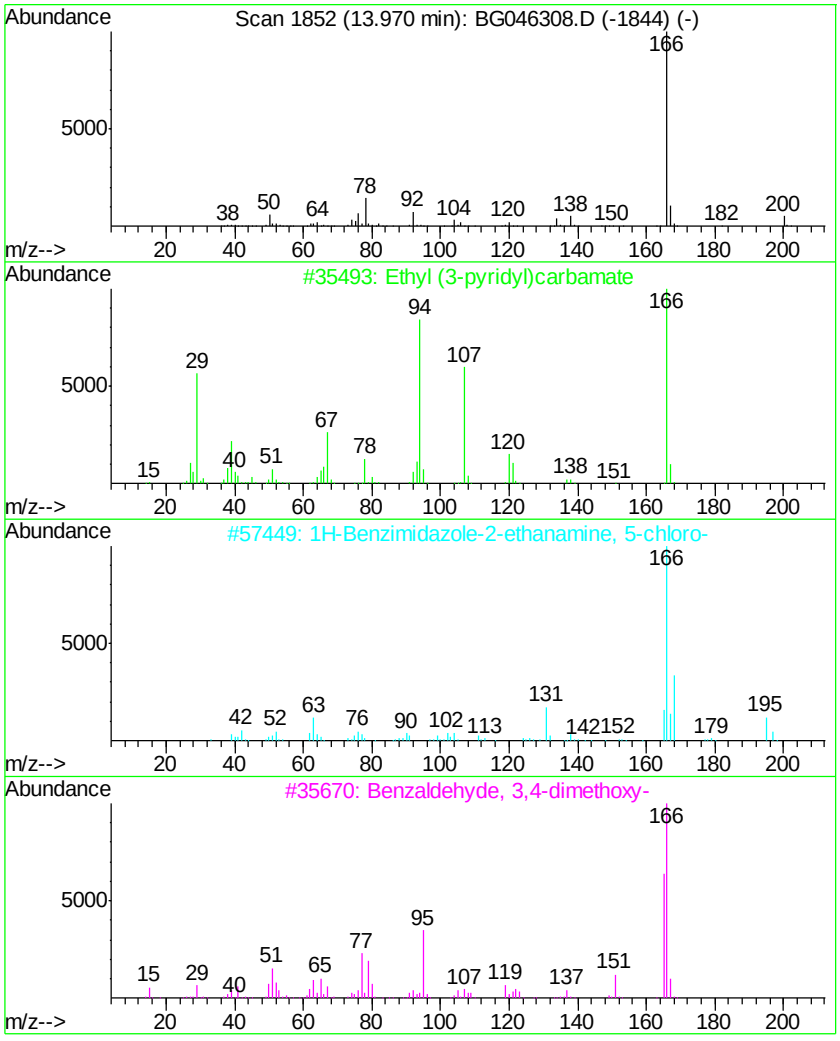
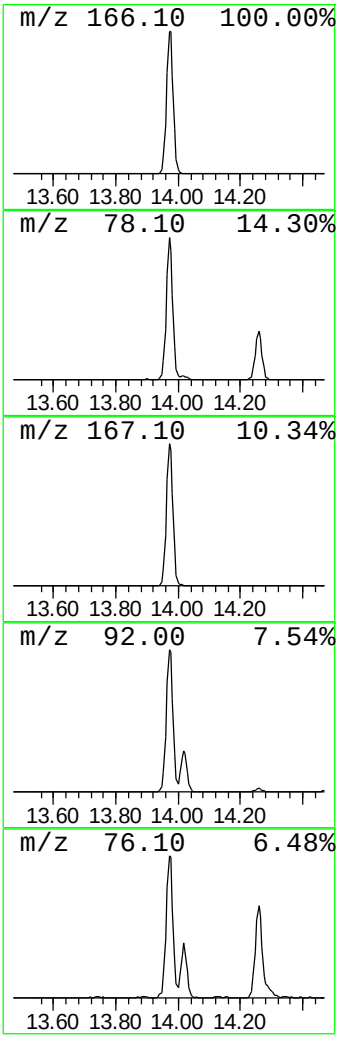
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	26.96 ng/ul	1368760	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
3	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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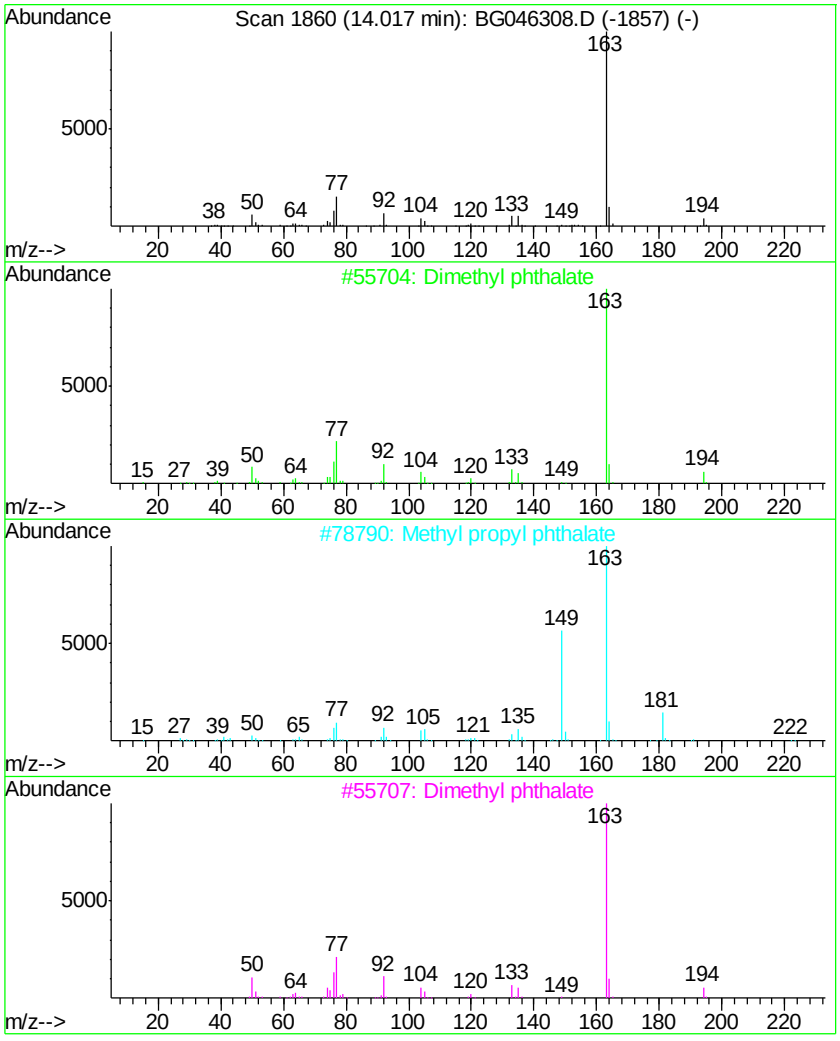
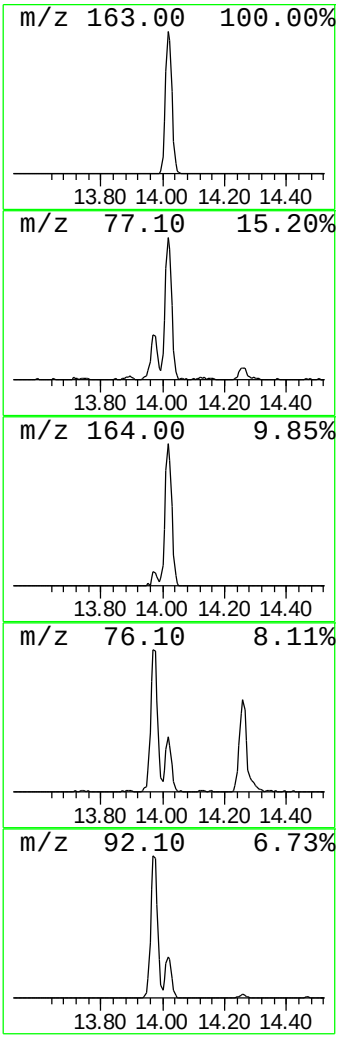
Peak Number 11 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	7.36 ng/ul	373521	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	83
2	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	83
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	83
4	Phthalic acid, 4-bromophenyl met...	334	C15H11BrO4	1000315-66-6	83
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	83





Library Search Compound Report

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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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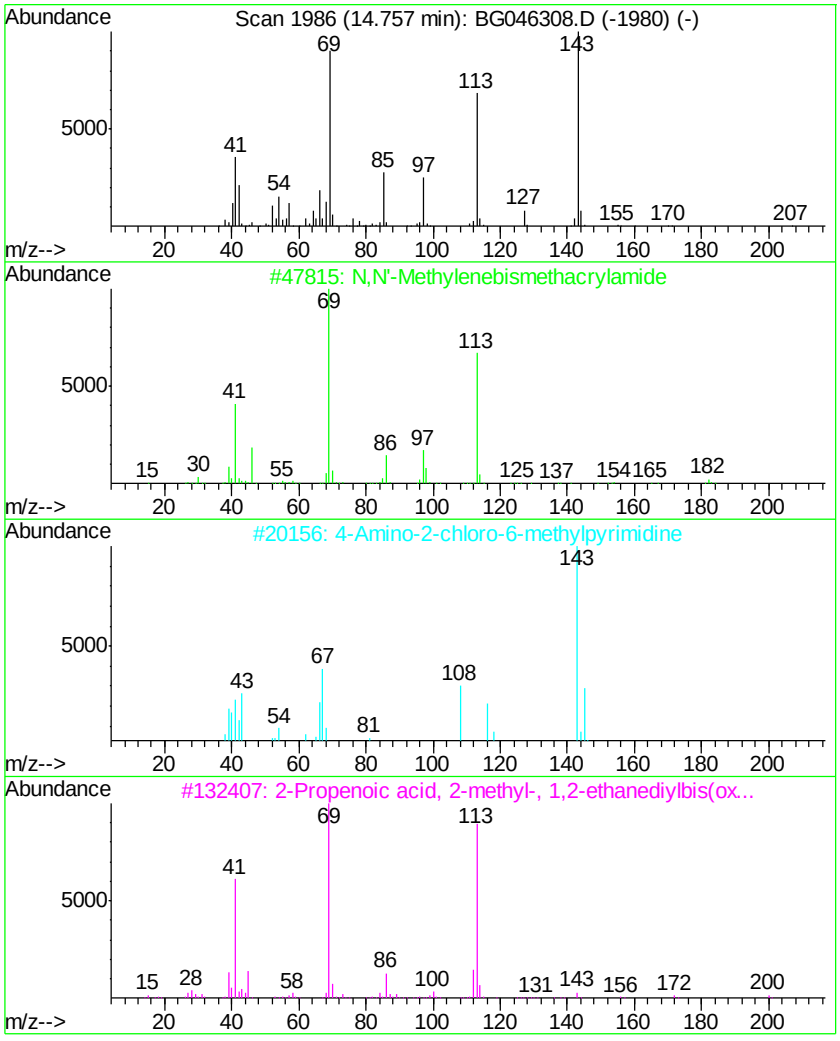
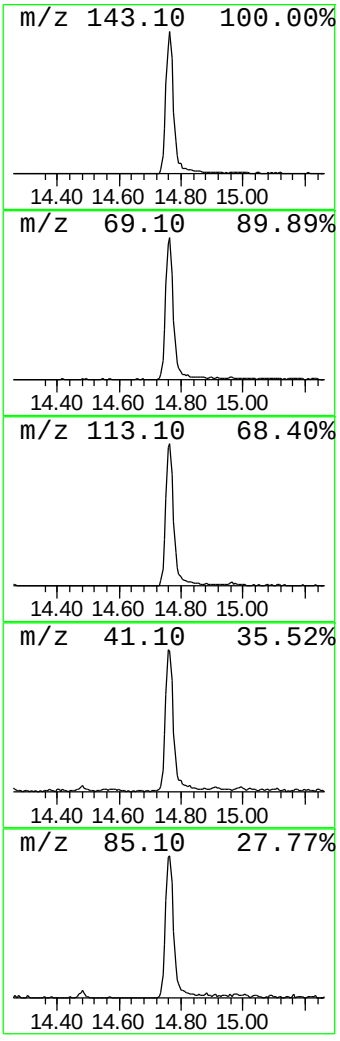
Peak Number 12 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	11.91 ng/ul	604778	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	38
2	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	27
3	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	25
4	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22





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Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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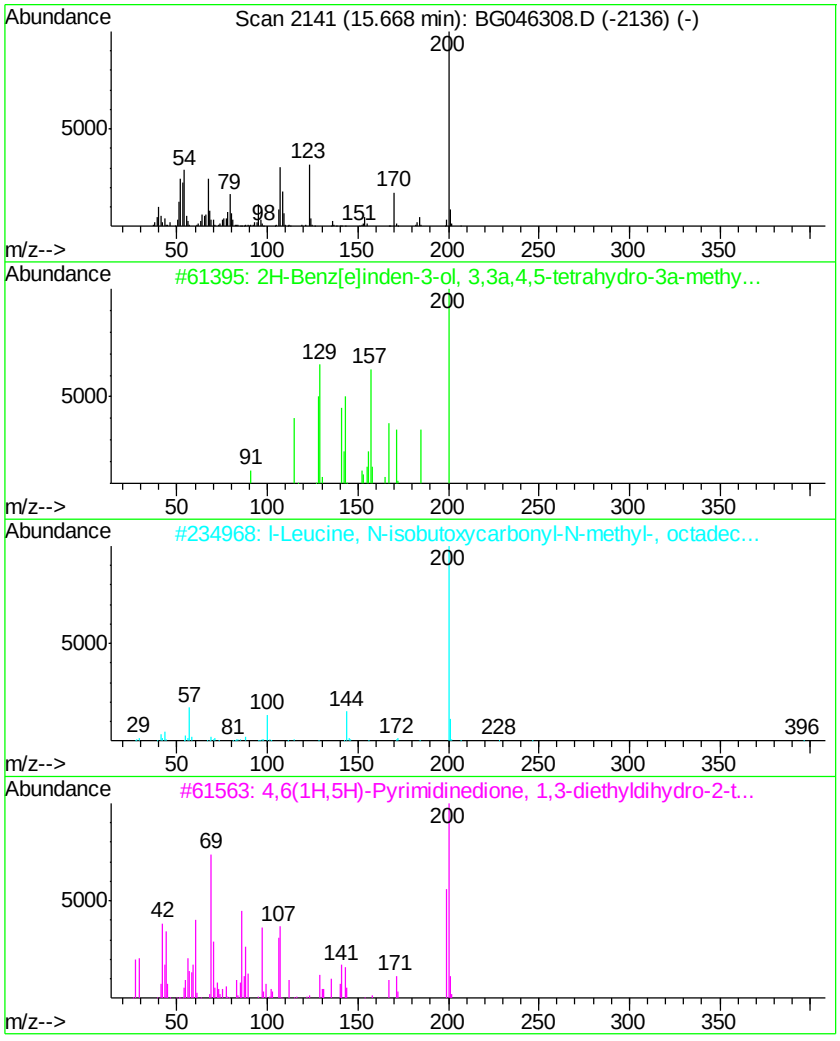
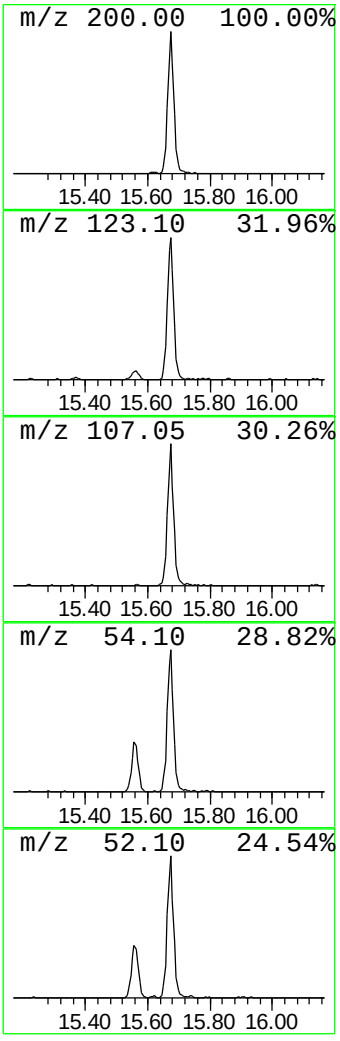
Peak Number 13 unknown-09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	12.06 ng/ul	612126	Acenaphthene-d10	14.56

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	38
2	l-Leucine, N-isobutoxycarbonyl-N...	497	C30H59NO4	1000321-88-1	14
3	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	14
4	2-Aminocaprylic acid, N-propoxyc...	371	C21H41NO4	1000325-42-6	10
5	1,3-Dichloro-2,4,6-trifluorobenzene	200	C6HCl2F3	002368-53-8	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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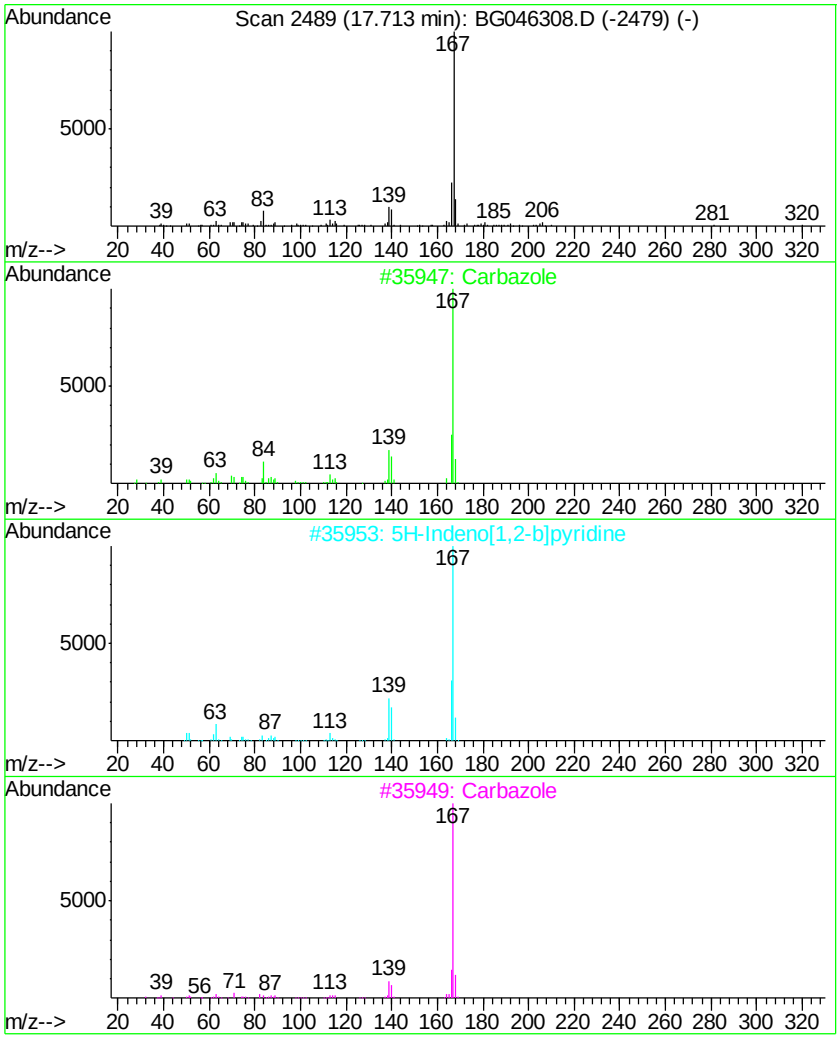
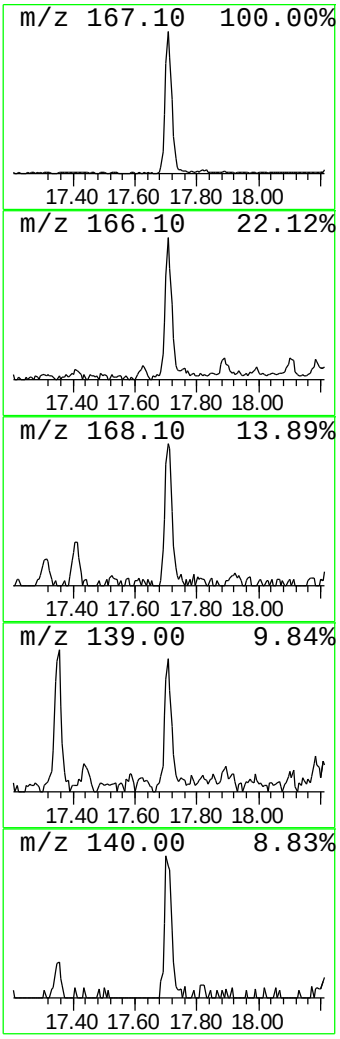
Peak Number 14 Carbazole Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.51 ng/ul	167386	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	80
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	72
3	Carbazole	167	C12H9N	000086-74-8	64
4	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	56
5	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	50





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Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

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

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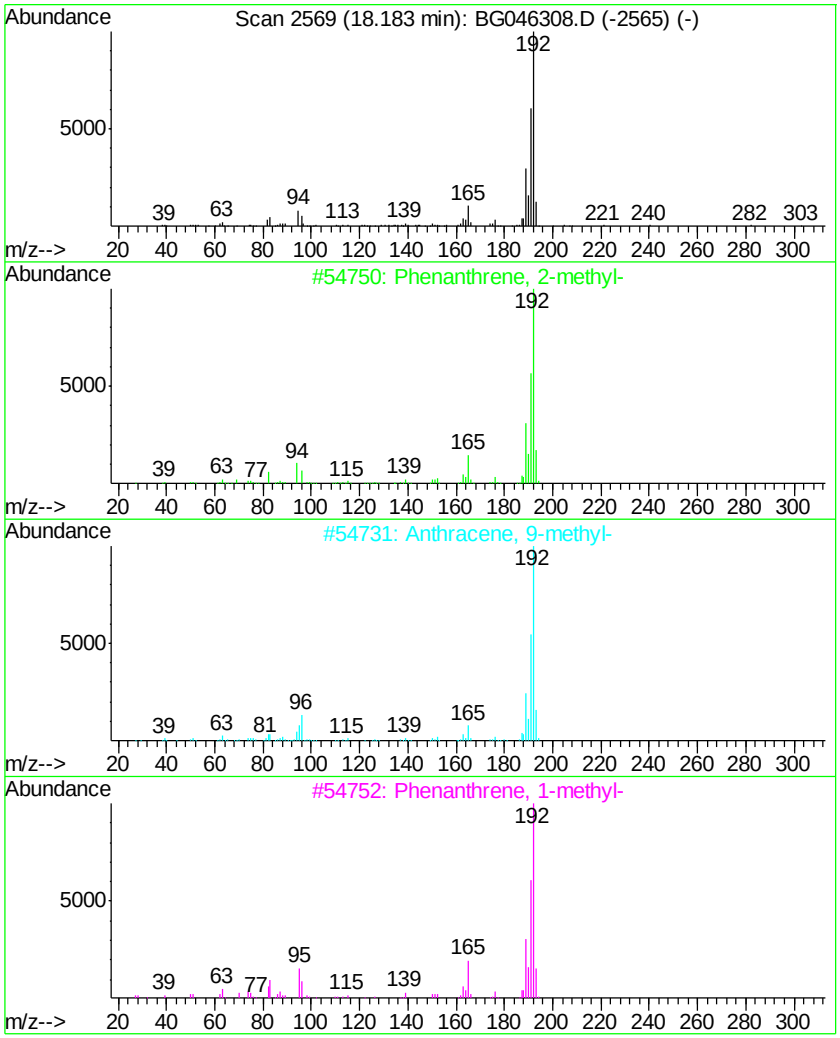
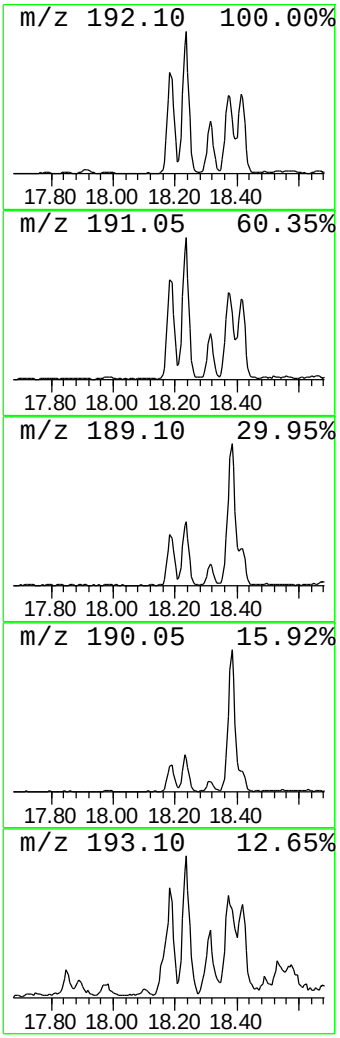
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.72 ng/ul	181149	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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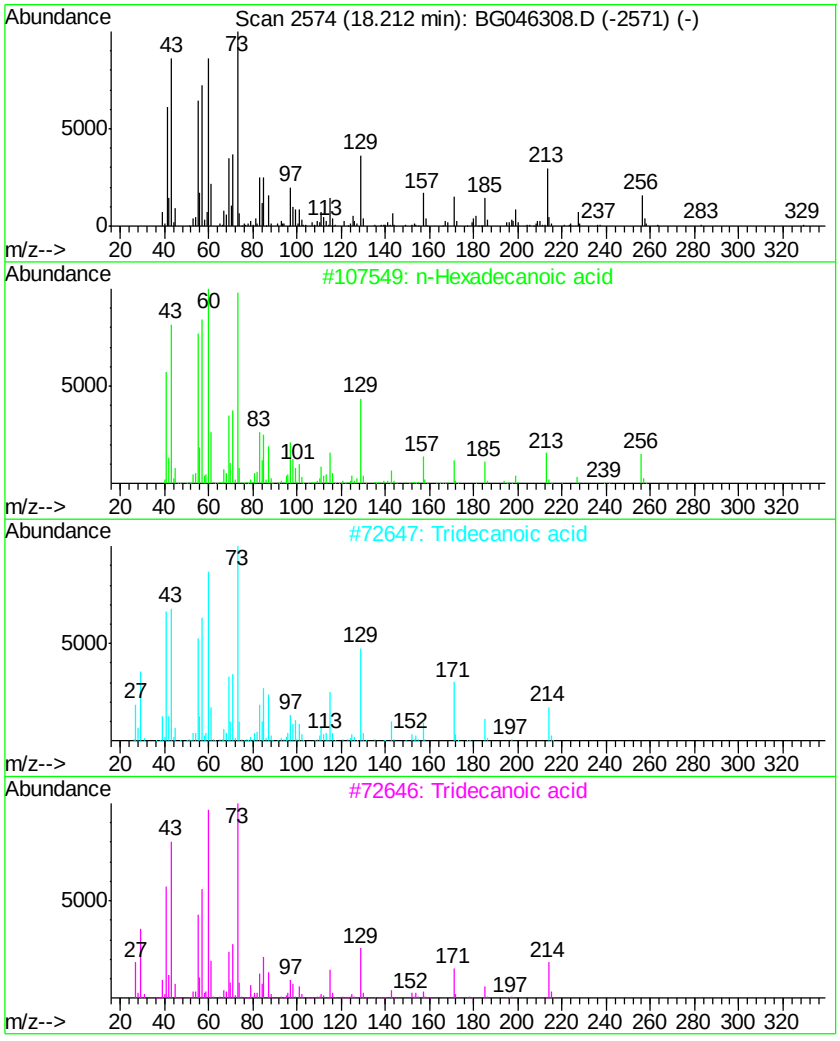
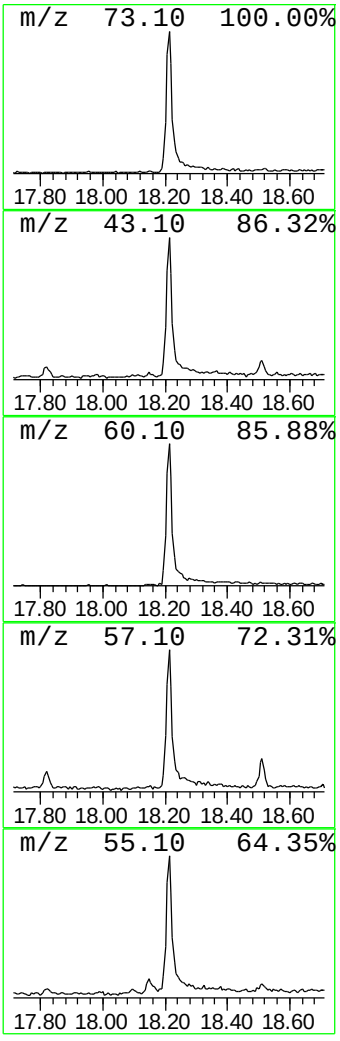
Peak Number 16 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.11 ng/ul	207342	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

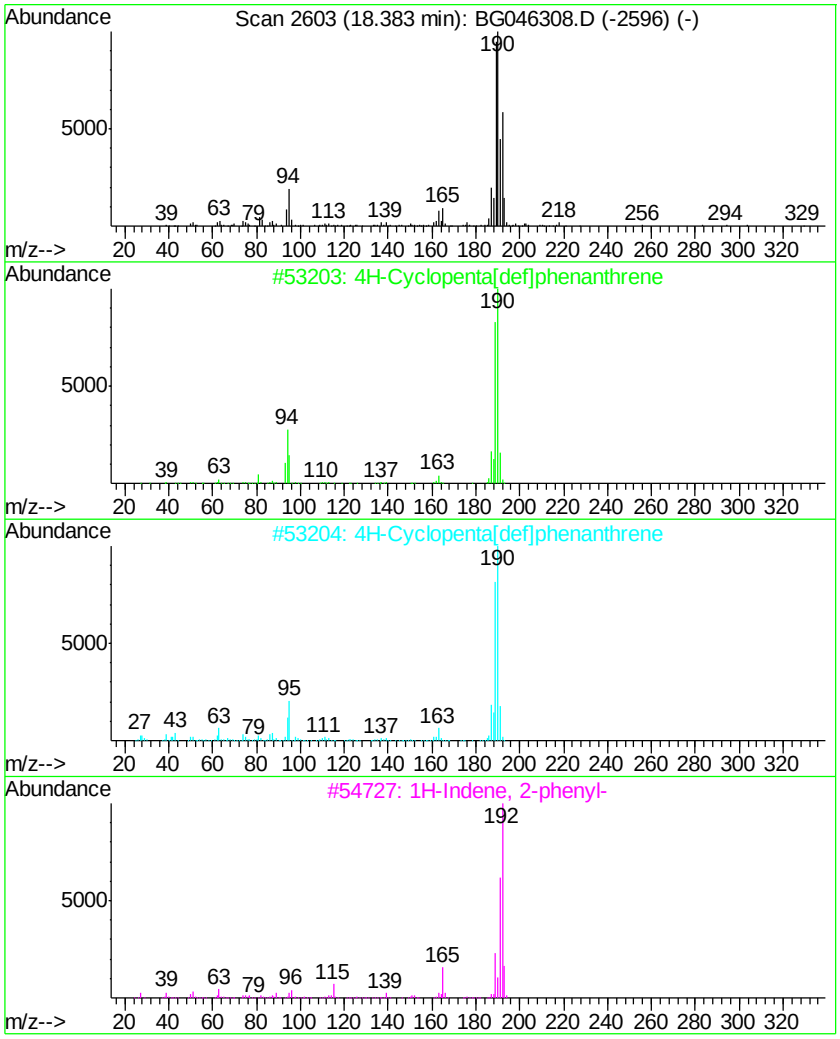
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

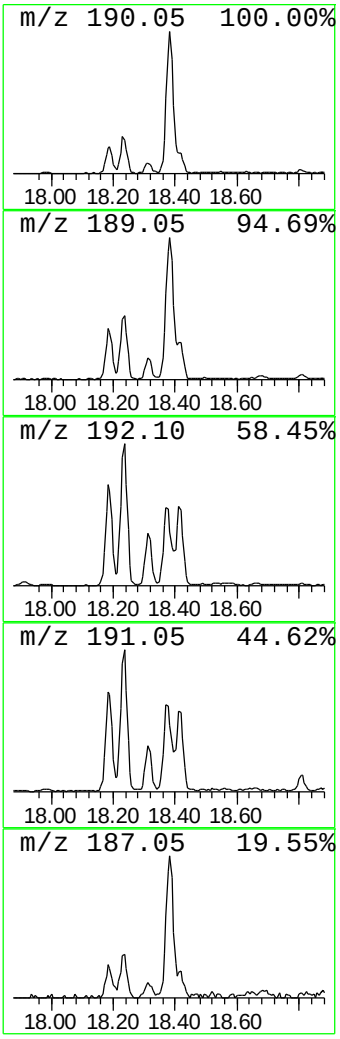
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.87 ng/ul	391412	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42





Library Search Compound Report

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Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

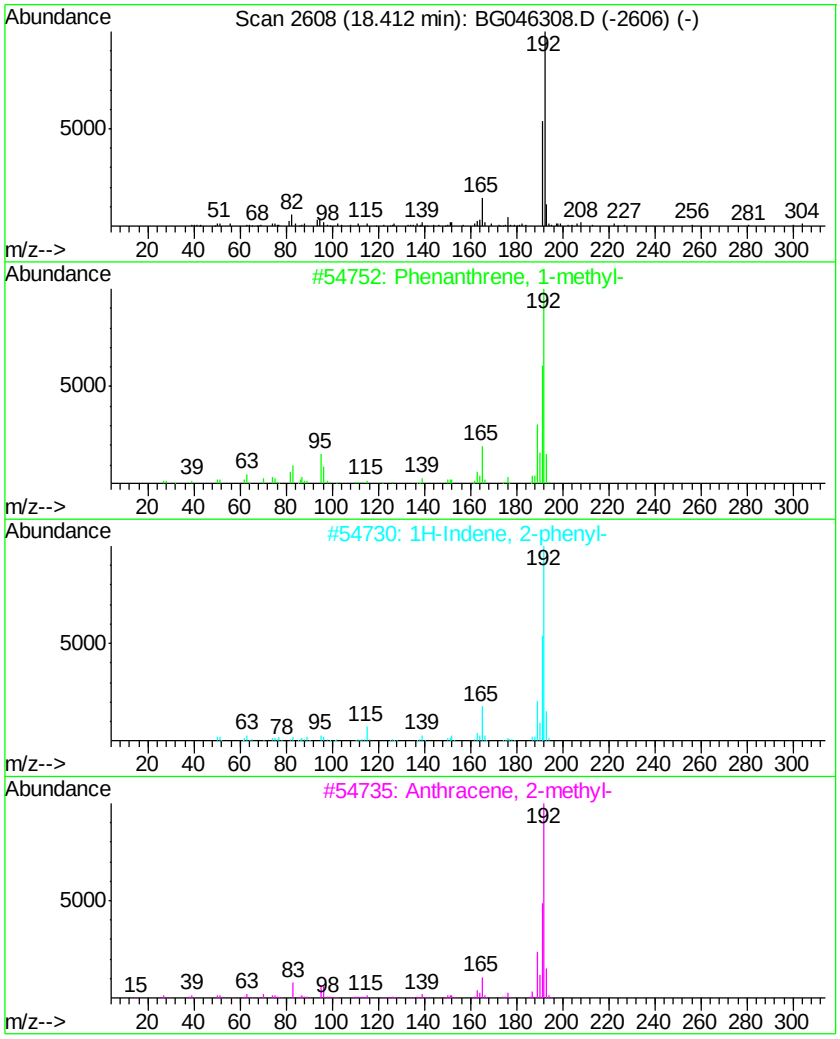
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

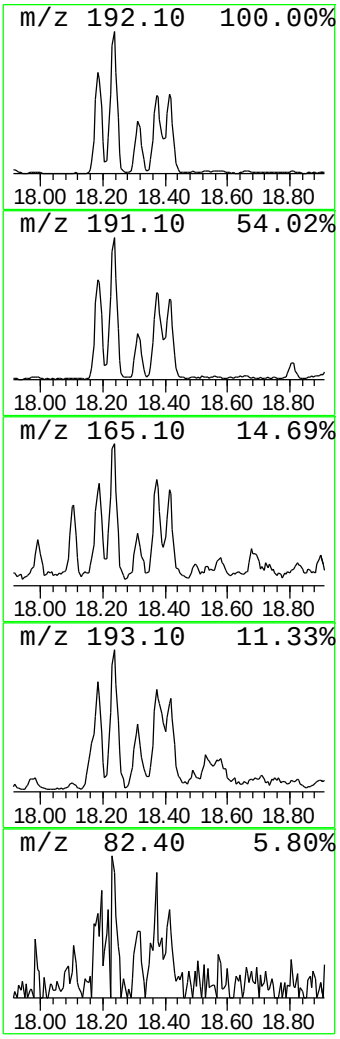
****

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.36 ng/ul	157299	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

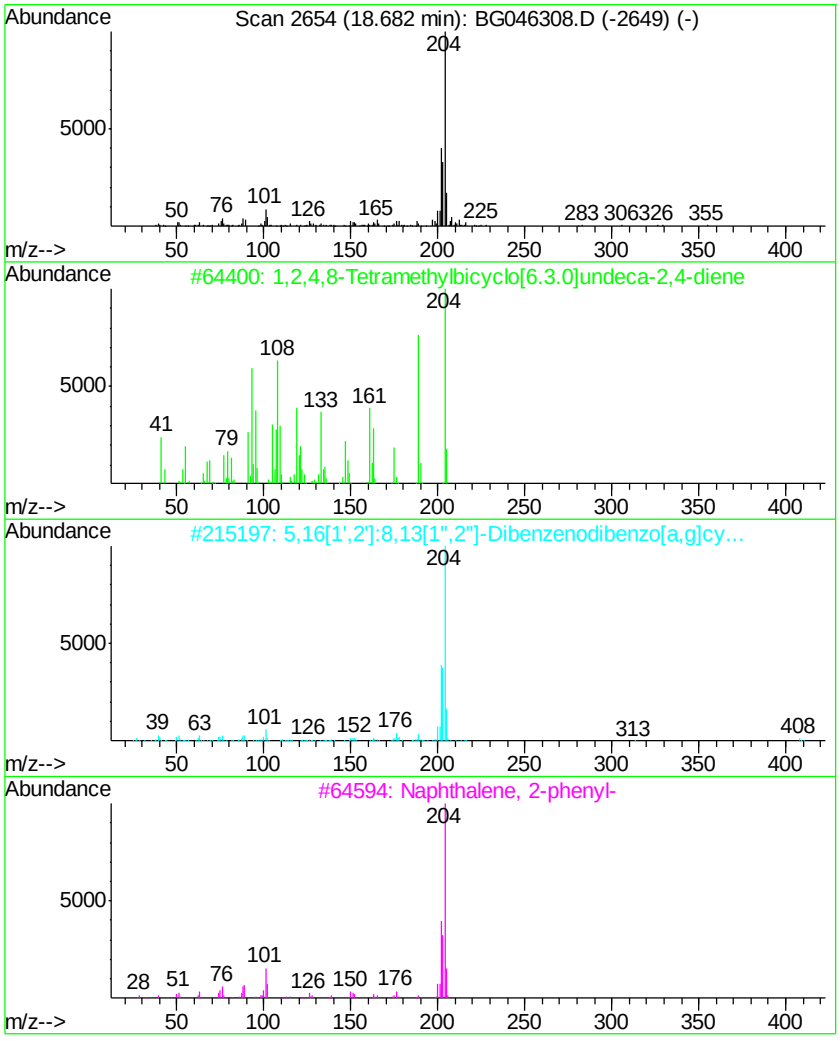
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

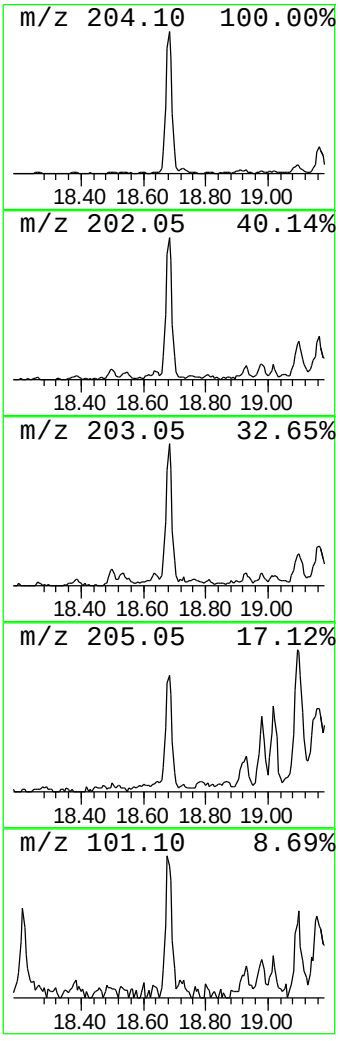
****

Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.92 ng/ul	194563	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

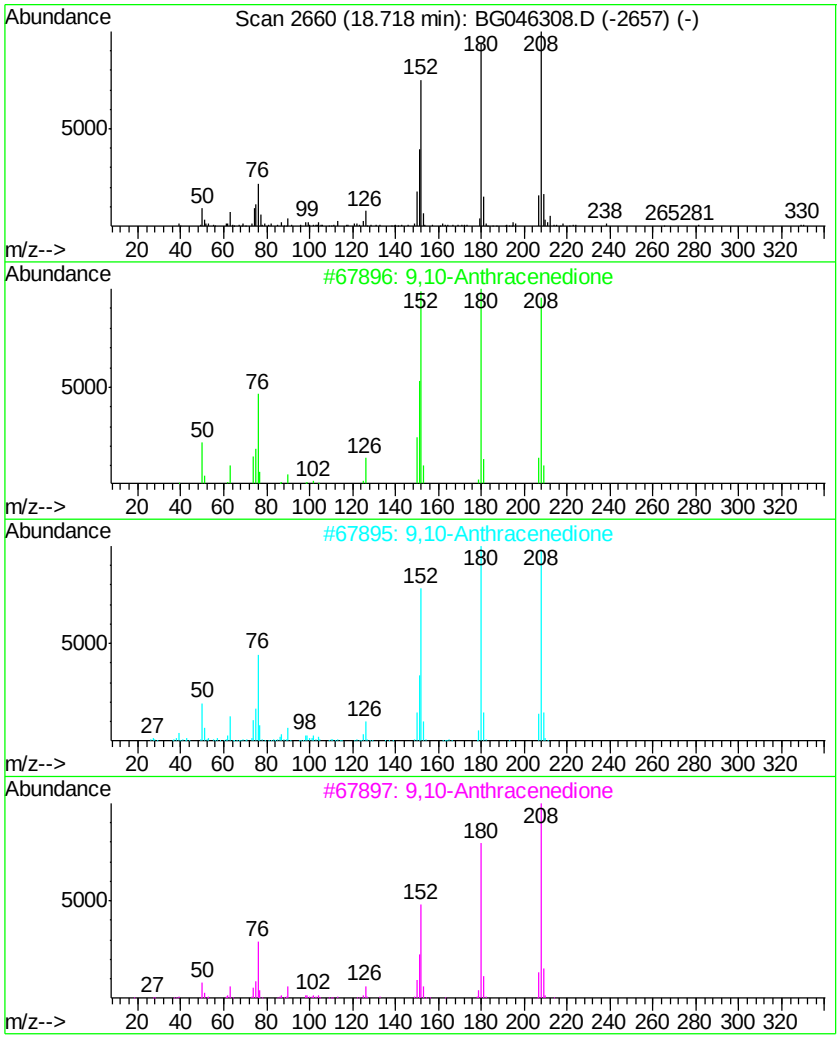
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

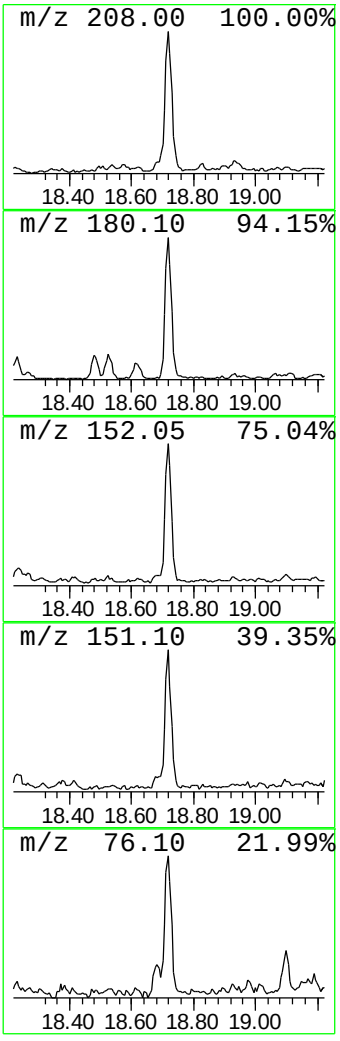
****

Peak Number 20 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.99 ng/ul	199245	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

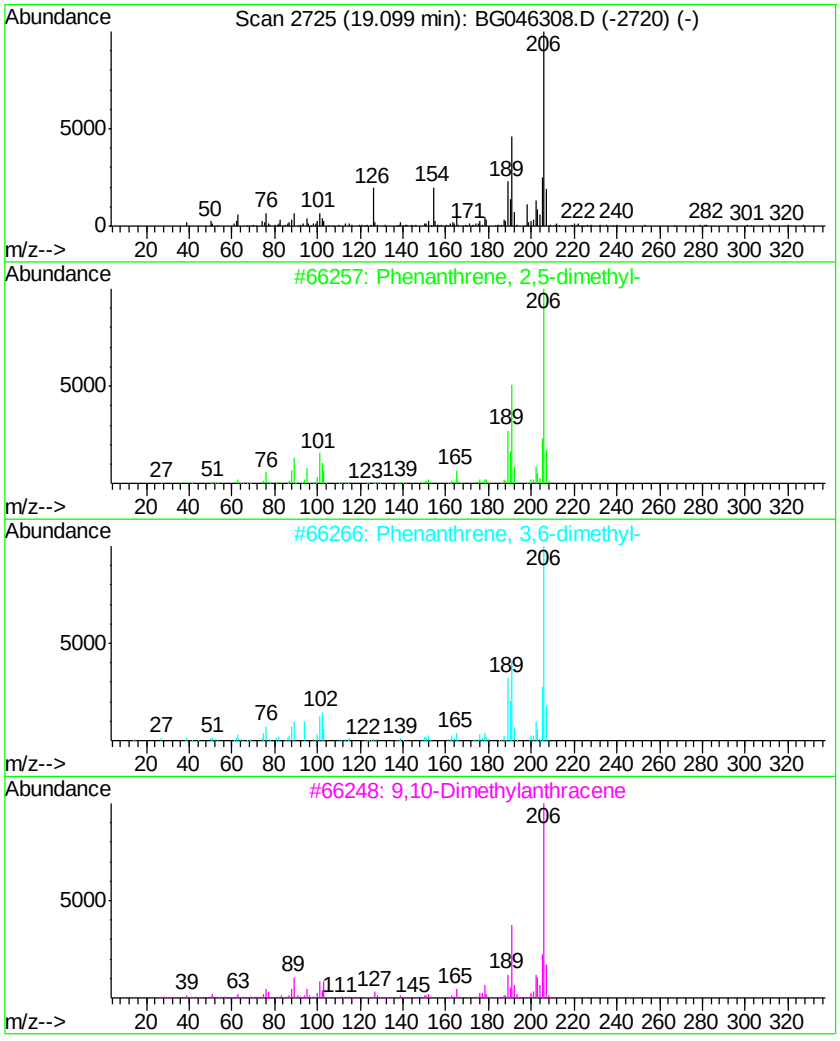
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

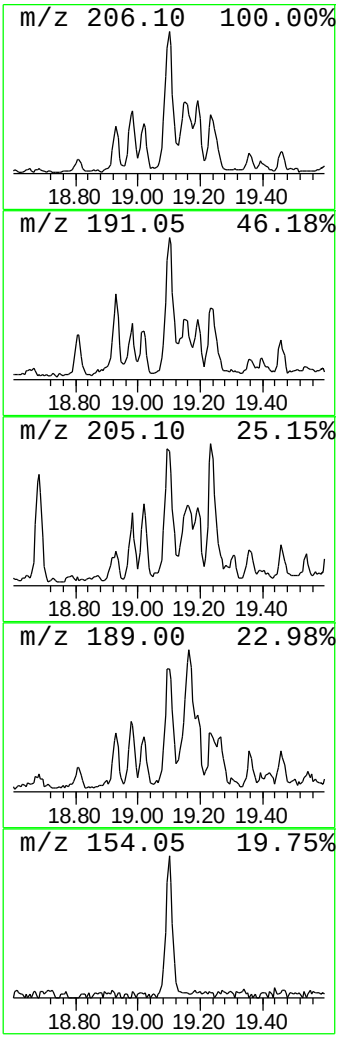
****

Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.37 ng/ul	224423	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, 3,6-dimethyl-	206	C16H14	001576-67-6	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70





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Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

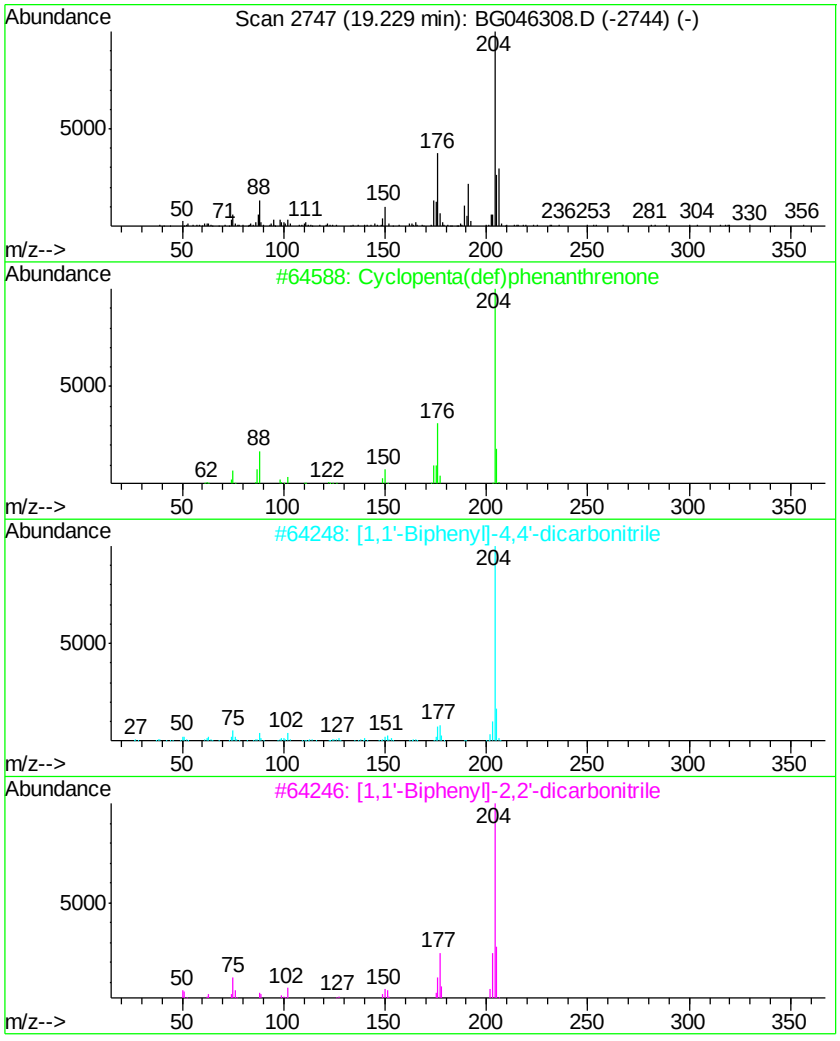
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

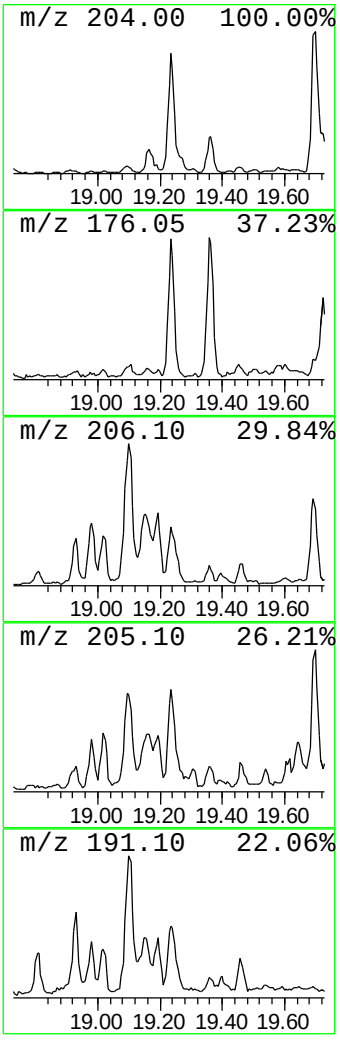
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.48 ng/ul	232116	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

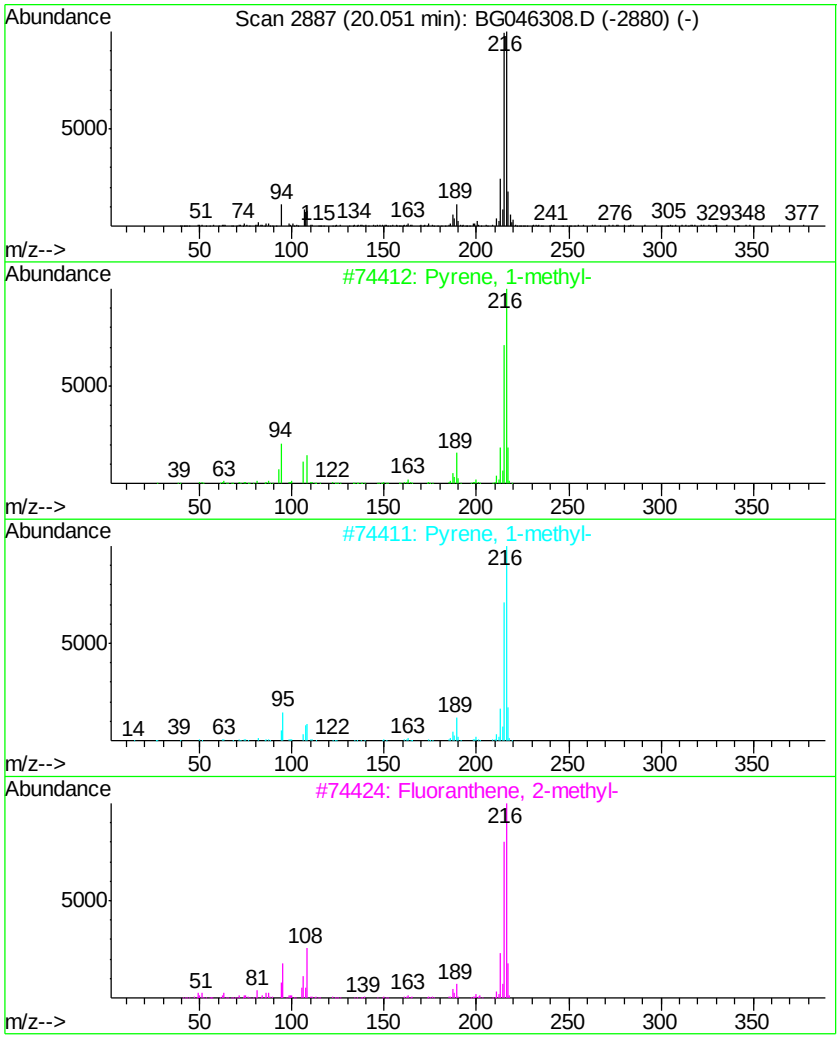
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

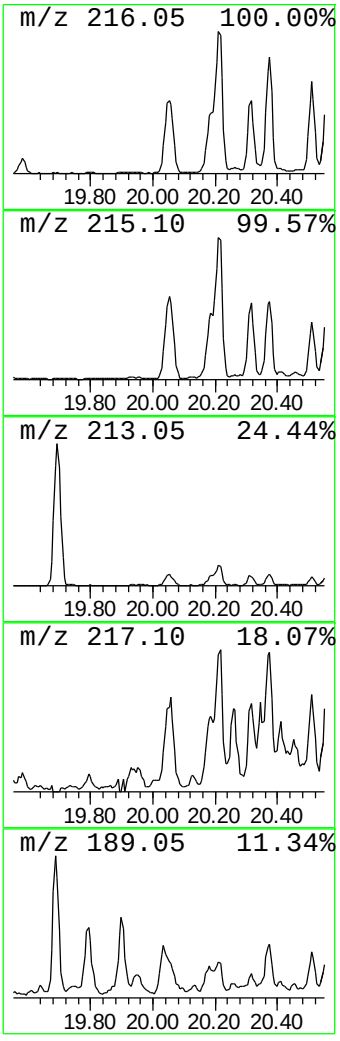
****

Peak Number 23 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.77 ng/ul	439731	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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

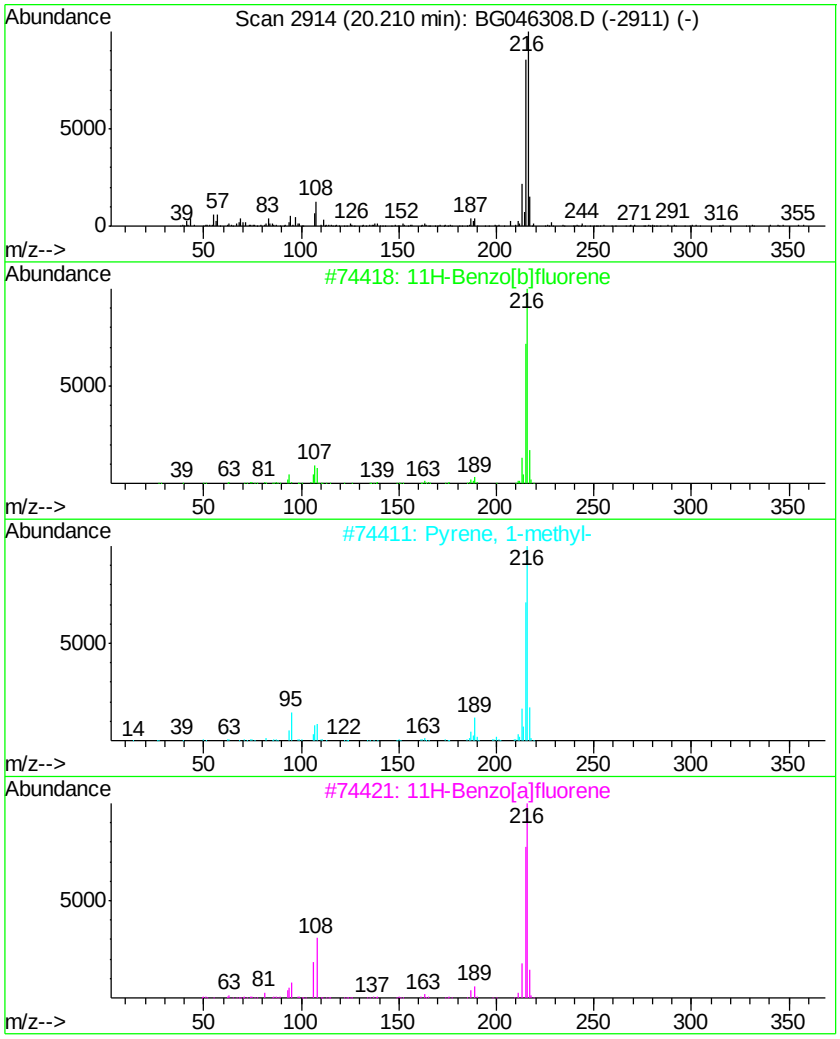
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

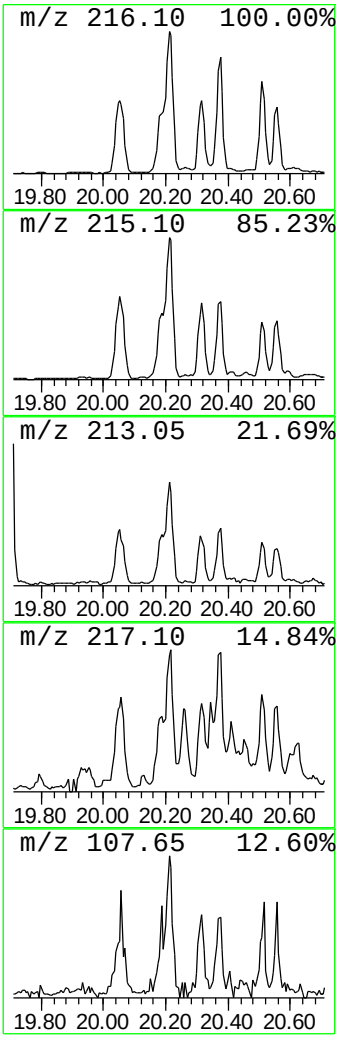
****

Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.26 ng/ul	358028	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

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

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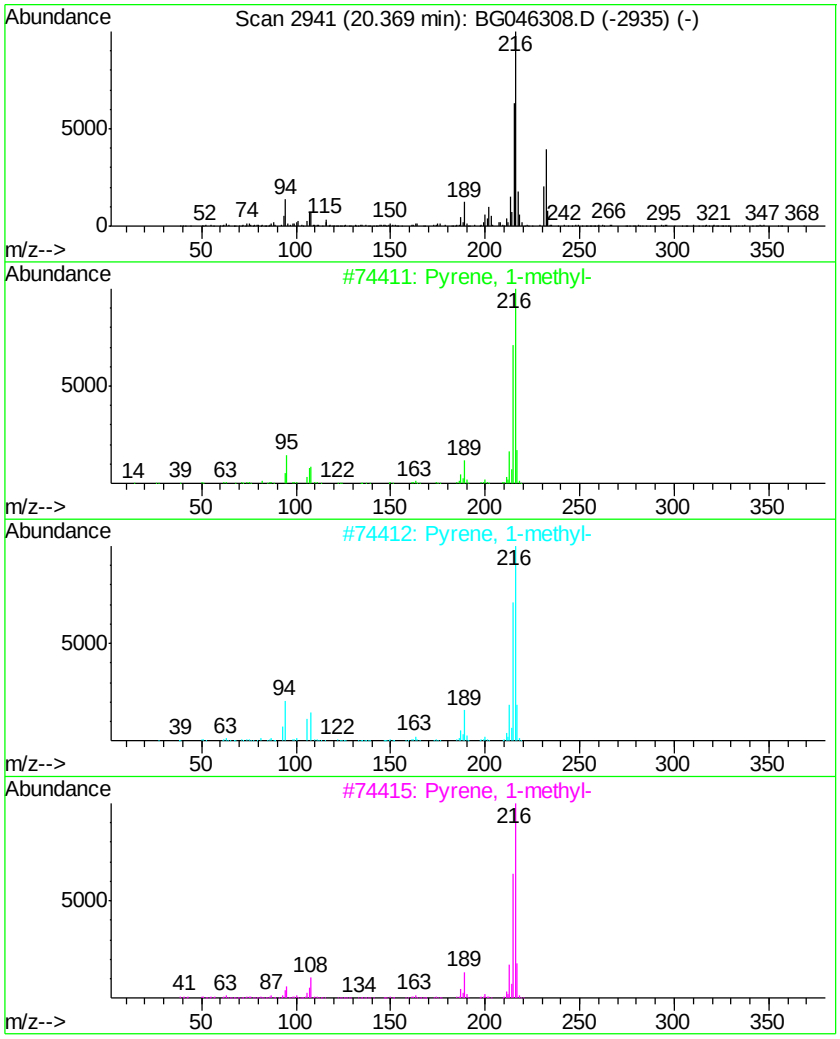
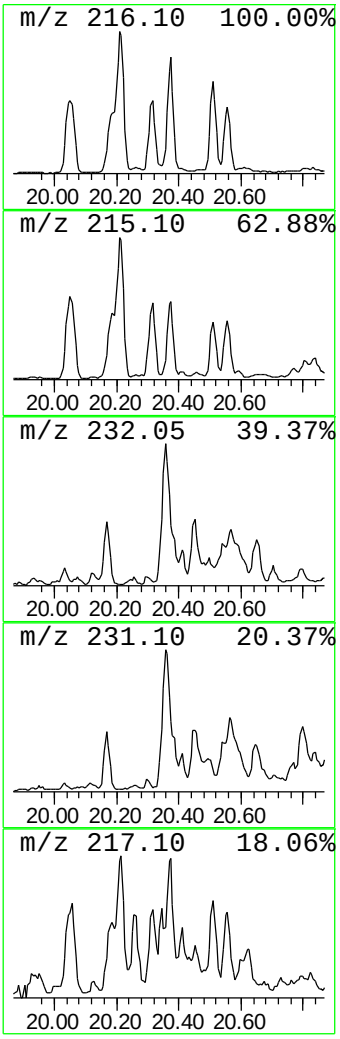
Peak Number 25 Pyrene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.57 ng/ul	406750	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Instrument : BNA_G
ClientSampleId : BFM81

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Quant Title : SVOA CALIBRATION

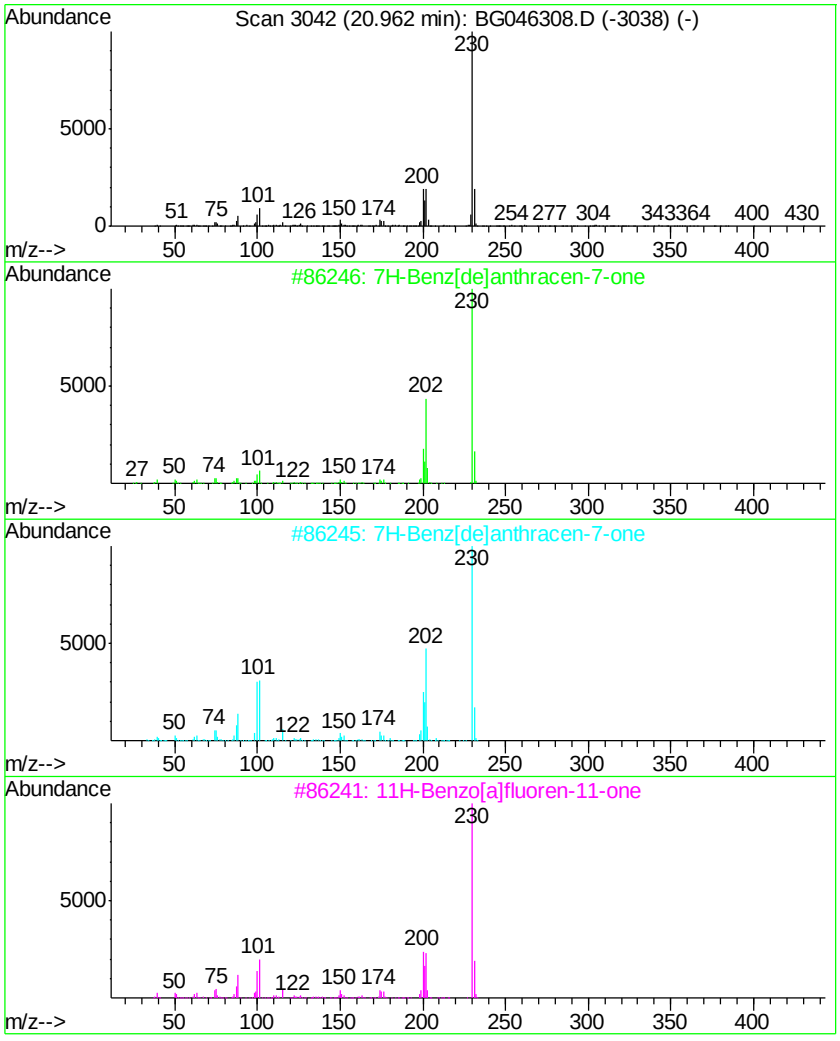
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

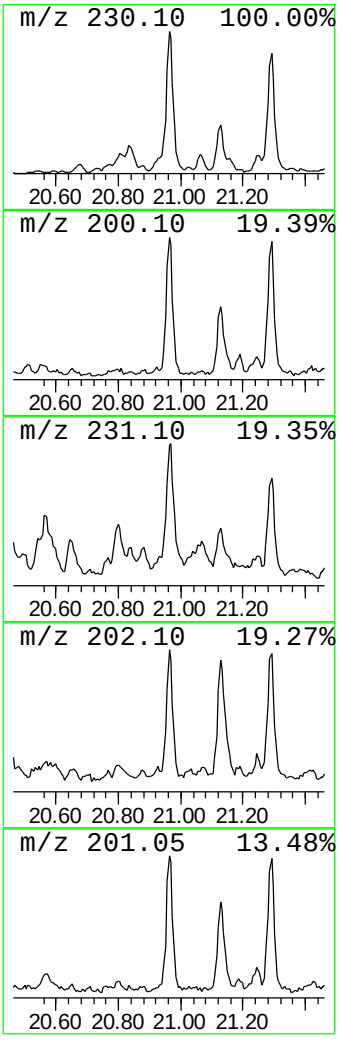
****

Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.35 ng/ul	372411	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	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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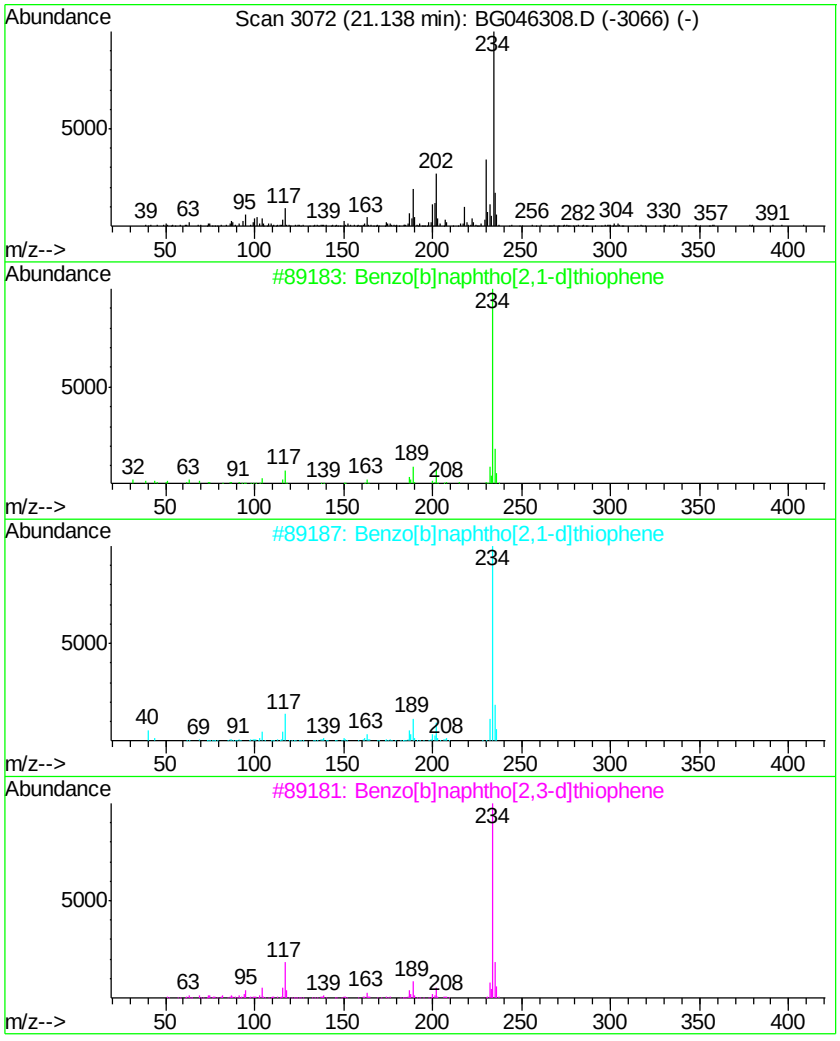
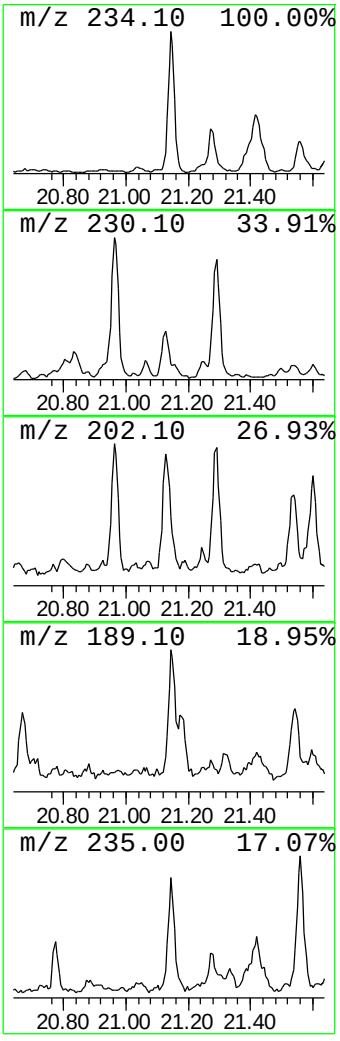
Peak Number 27 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.51 ng/ul	397895	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	91
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81





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Sample : L3632-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

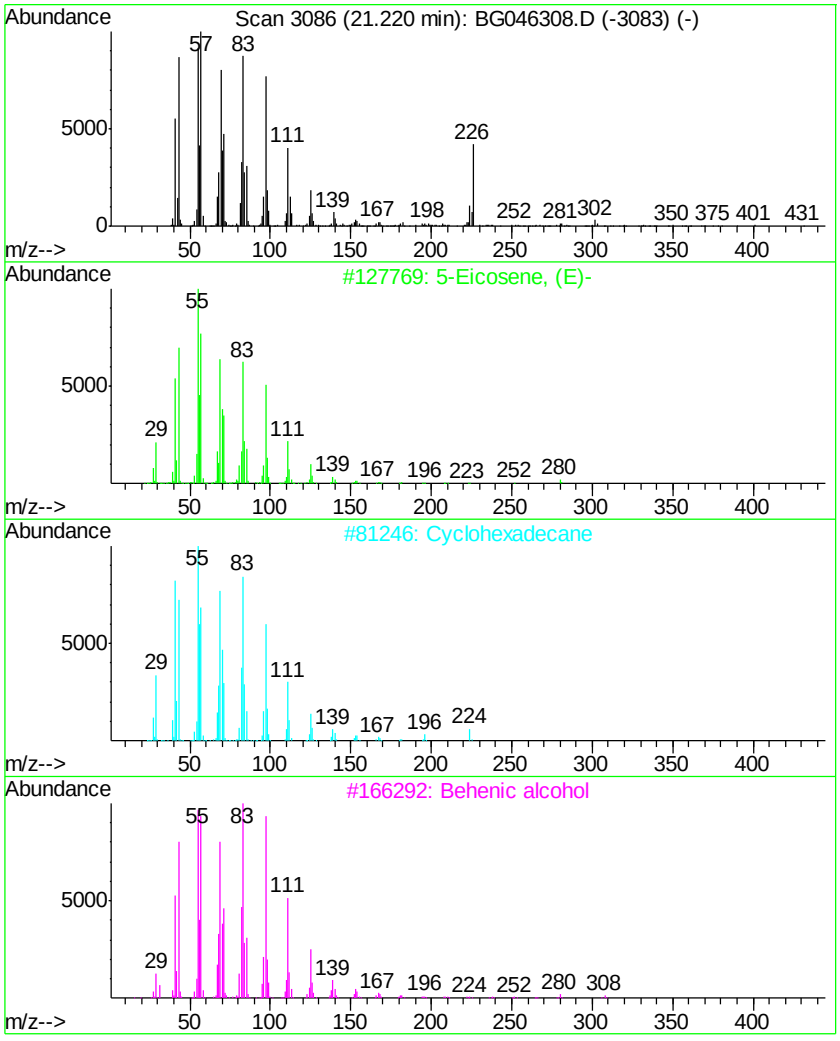
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

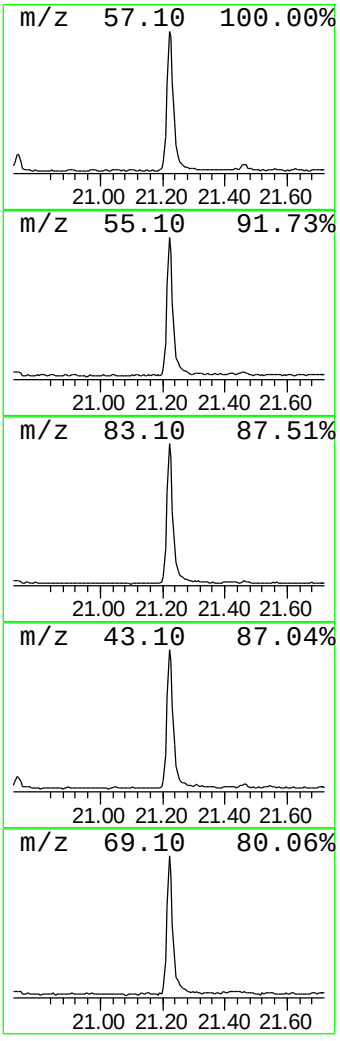
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	8.51 ng/ul	1349610	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

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

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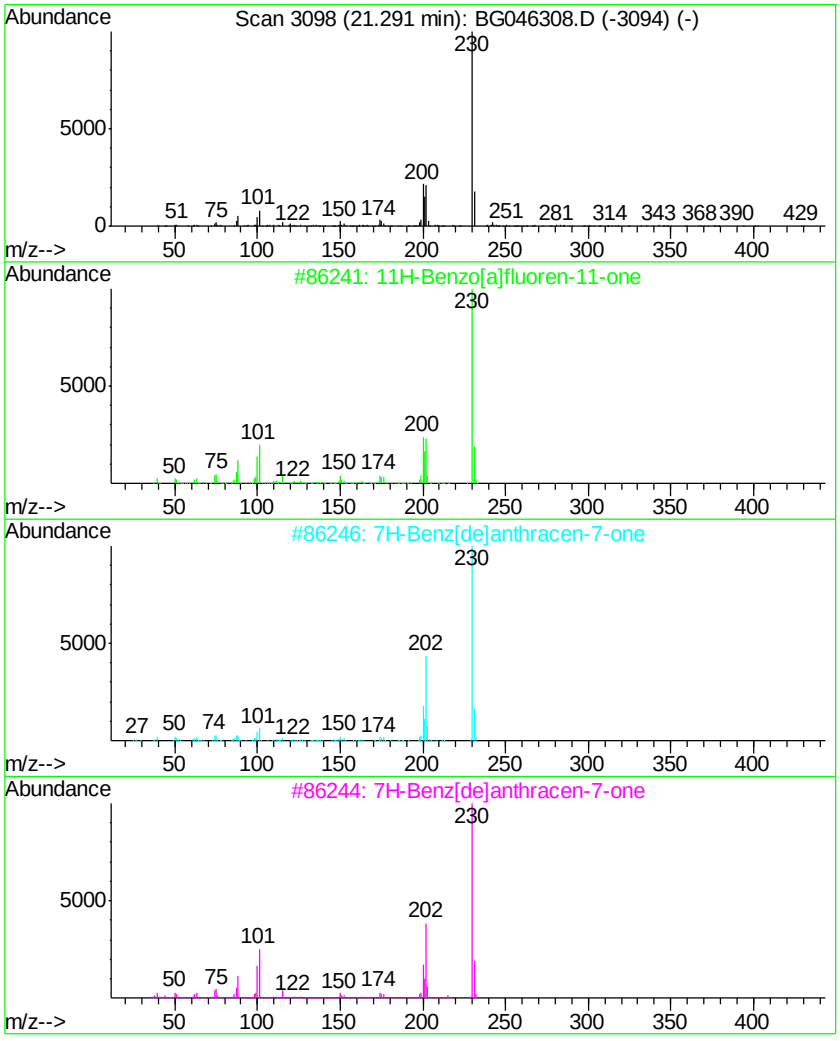
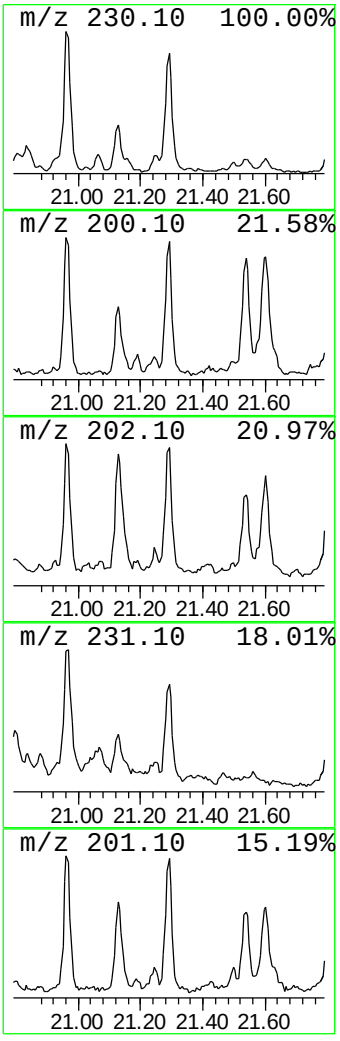
Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.53 ng/ul	400967	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	91
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	80
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

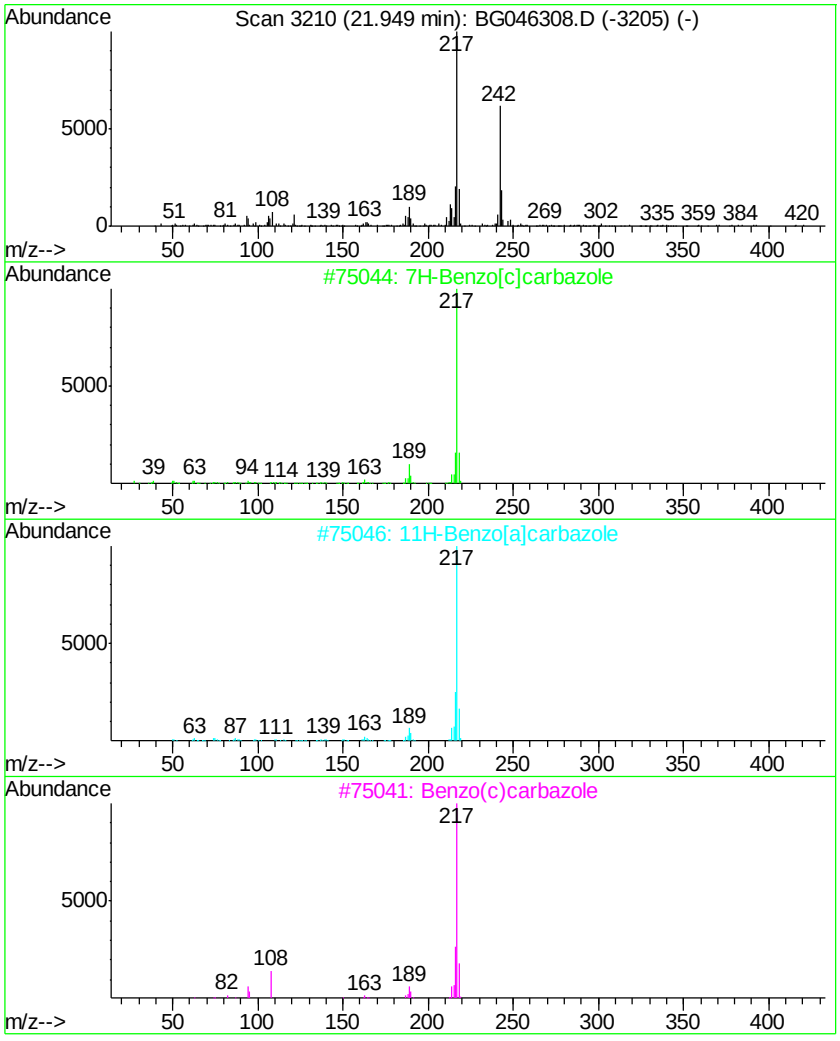
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

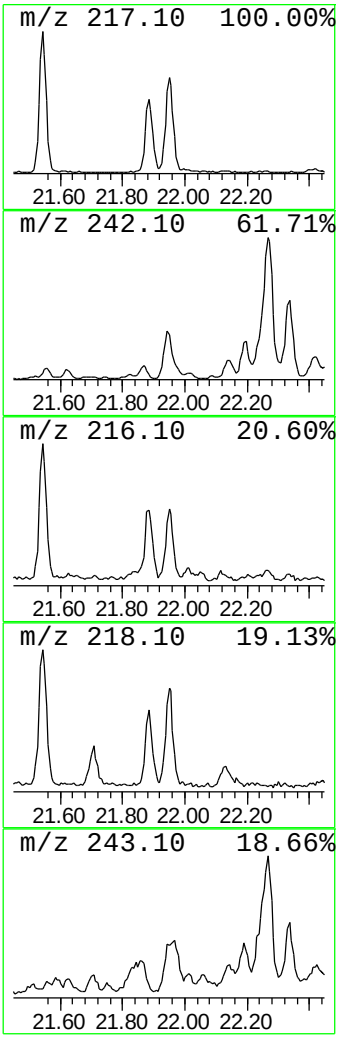
****

Peak Number 30 7H-Benzo[c]carbazole Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.04 ng/ul	323084	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
3	Benzo(c)carbazole	217	C16H11N	034777-33-8	58
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	53
5	1-Aminopyrene	217	C16H11N	001606-67-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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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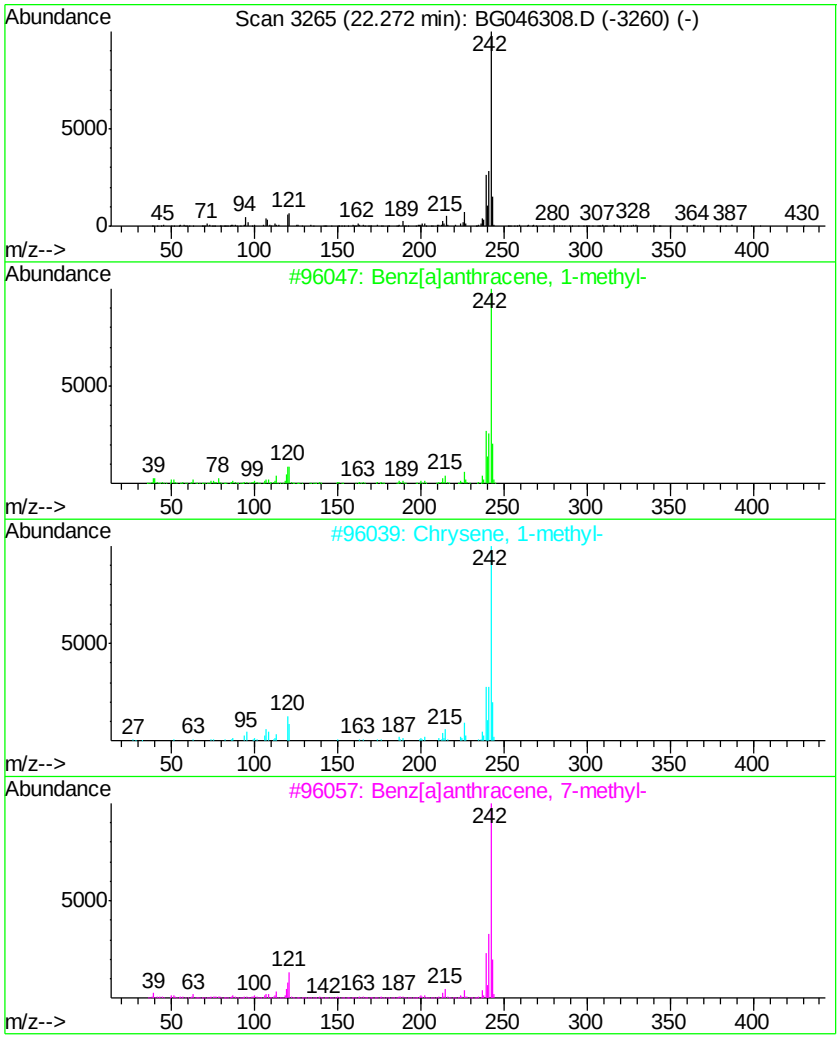
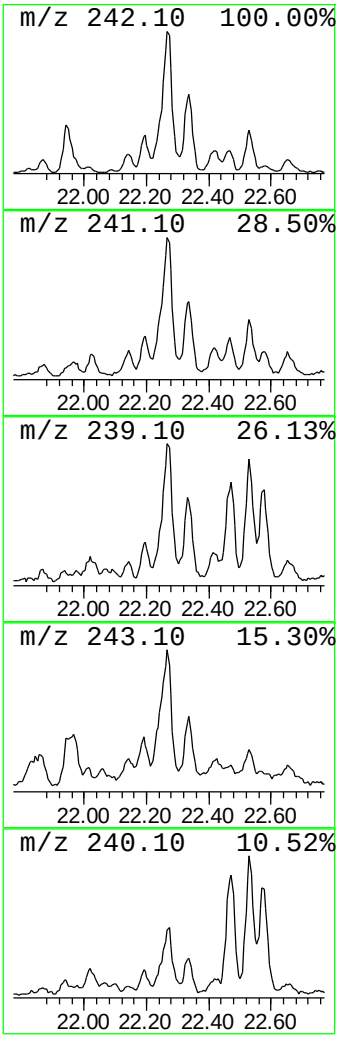
Peak Number 31 Benz[a]anthracene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.55 ng/ul	404268	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	2-Methylchrysene	242	C19H14	003351-32-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

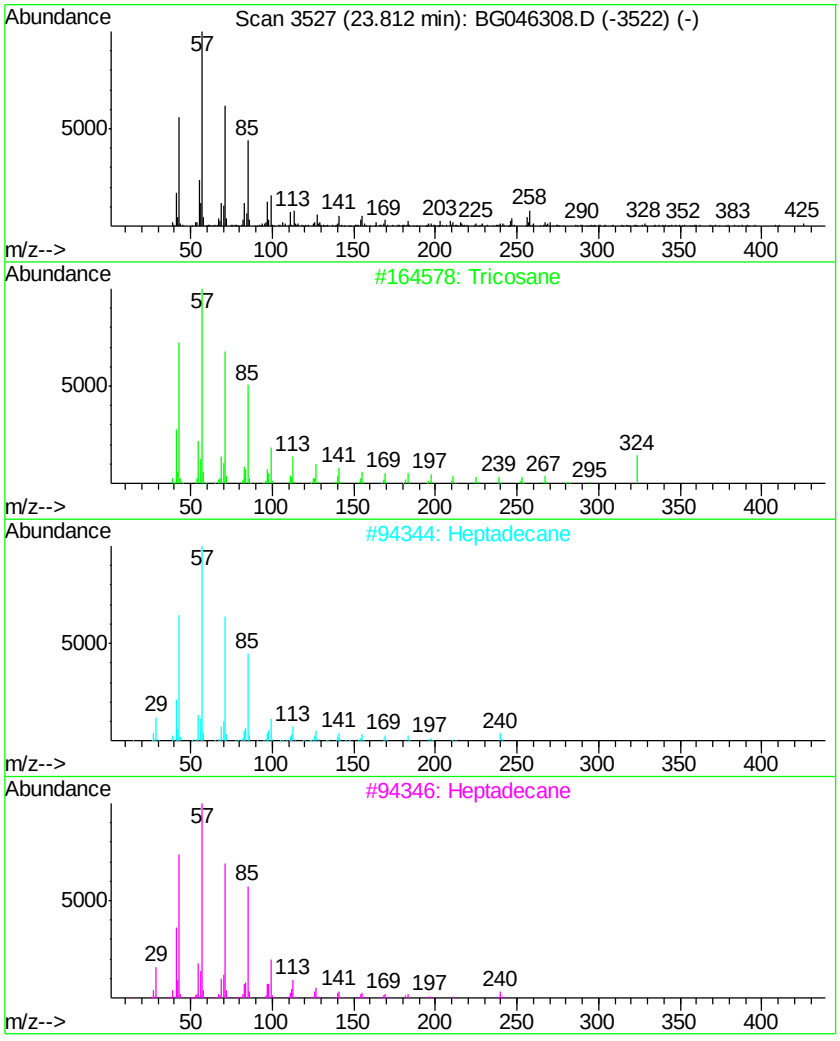
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

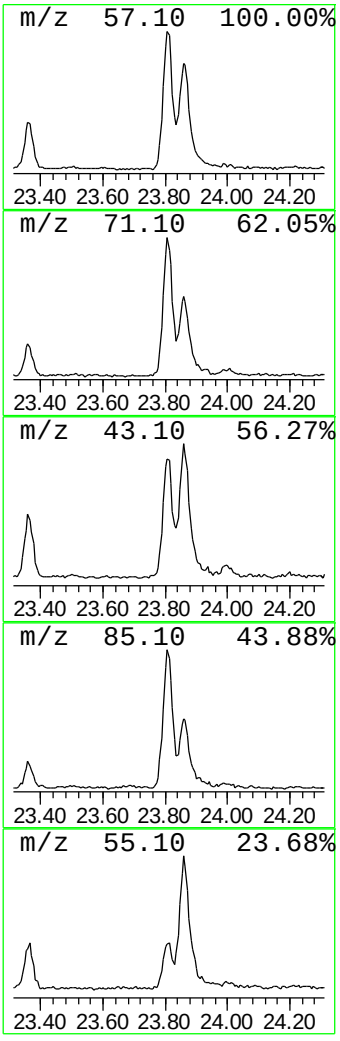
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	4.68 ng/ul	336274	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

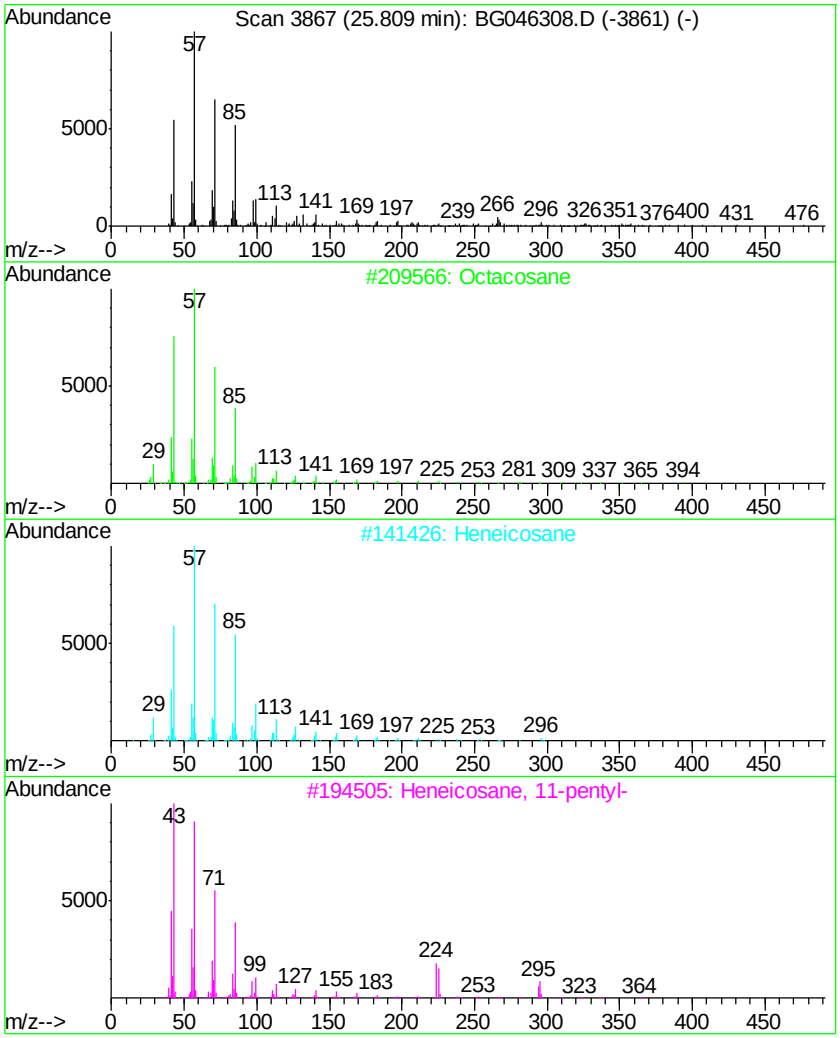
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

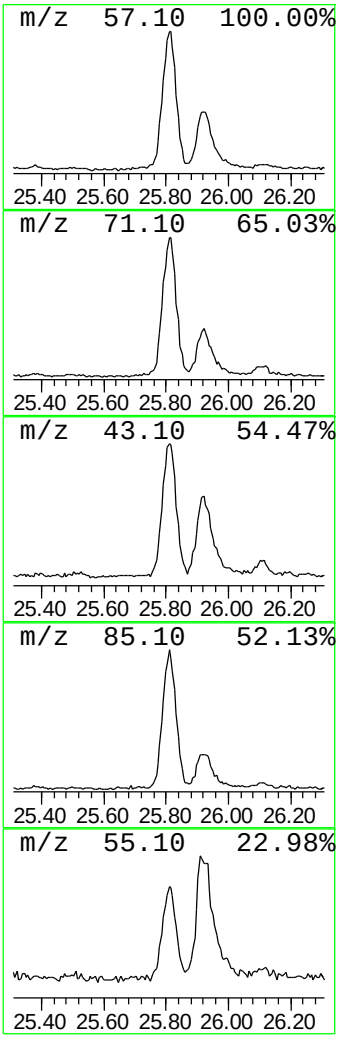
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	7.89 ng/ul	567374	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5	Nonadecane	268	C19H40	000629-92-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046308.D
Acq On : 17 Aug 2020 23:16
Operator : CG/JU
Sample : L3632-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM81

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	106.4	ng/ul	2230960	1	7.94	419531	20.0
unknown-01	3.92	2.5	ng/ul	52411	1	7.94	419531	20.0
2-Furancarboxylic...	7.11	29.9	ng/ul	626218	1	7.94	419531	20.0
unknown-02	7.27	20.5	ng/ul	430403	1	7.94	419531	20.0
unknown-03	7.48	28.9	ng/ul	606790	1	7.94	419531	20.0
unknown-04	8.65	37.1	ng/ul	778825	1	7.94	419531	20.0
1H-Imidazole, 4-m...	9.09	27.0	ng/ul	566529	1	7.94	419531	20.0
unknown-05	9.82	15.3	ng/ul	503414	2	10.74	658945	20.0
unknown-06	10.87	18.8	ng/ul	620706	2	10.74	658945	20.0
unknown-07	13.97	27.0	ng/ul	1368760	3	14.56	1015390	20.0
Dimethyl phthalate	14.02	7.4	ng/ul	373521	3	14.56	1015390	20.0
unknown-08	14.76	11.9	ng/ul	604778	3	14.56	1015390	20.0
unknown-09	15.67	12.1	ng/ul	612126	3	14.56	1015390	20.0
Carbazole	17.71	2.5	ng/ul	167386	4	17.31	1333300	20.0
Phenanthrene, 2-m...	18.18	2.7	ng/ul	181149	4	17.31	1333300	20.0
n-Hexadecanoic acid	18.21	3.1	ng/ul	207342	4	17.31	1333300	20.0
4H-Cyclopenta[def...	18.38	5.9	ng/ul	391412	4	17.31	1333300	20.0
Phenanthrene, 1-m...	18.41	2.4	ng/ul	157299	4	17.31	1333300	20.0
1,2,4,8-Tetrameth...	18.68	2.9	ng/ul	194563	4	17.31	1333300	20.0
9,10-Anthracenedione	18.72	3.0	ng/ul	199245	4	17.31	1333300	20.0
Phenanthrene, 2,5...	19.10	3.4	ng/ul	224423	4	17.31	1333300	20.0
Cyclopenta(def)ph...	19.23	3.5	ng/ul	232116	4	17.31	1333300	20.0
Pyrene, 1-methyl-	20.05	2.8	ng/ul	439731	5	21.56	3170100	20.0
11H-Benzo[b]fluorene	20.21	2.3	ng/ul	358028	5	21.56	3170100	20.0
Pyrene, 2-methyl-	20.37	2.6	ng/ul	406750	5	21.56	3170100	20.0
7H-Benz[de]anthra...	20.96	2.4	ng/ul	372411	5	21.56	3170100	20.0
Benzo[b]naphtho[2...	21.14	2.5	ng/ul	397895	5	21.56	3170100	20.0
(DEL) Alkane: Str...	21.22	8.5	ng/ul	1349610	5	21.56	3170100	20.0
11H-Benzo[a]fluor...	21.29	2.5	ng/ul	400967	5	21.56	3170100	20.0
7H-Benzo[c]carbazole	21.95	2.0	ng/ul	323084	5	21.56	3170100	20.0
Benz[a]anthracene...	22.27	2.5	ng/ul	404268	5	21.56	3170100	20.0
(DEL) Alkane: Str...	23.81	4.7	ng/ul	336274	6	24.66	1437320	20.0
(DEL) Alkane: Str...	25.81	7.9	ng/ul	567374	6	24.66	1437320	20.0