LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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	3.143	4	9	36	rVB	1250943	2067888	82.93%	5.540%
2	3.919	137	141	149	rVV	34705	50592	2.03%	0.136%
3	4.054	158	164	172	rVB	12009	22327	0.90%	0.060%
4	7.103	676	683	695	rBV	189405	345429	13.85%	0.925%
5	7.268	704	711	721	rBV	163272	273976	10.99%	0.734%
6	7.473	739	746	756	rBV	215937	366789	14.71%	0.983%
7	7.937	818	825	834	rVB	256066	434815	17.44%	1.165%
8	8.642	938	945	961	rBV2	233004	408527	16.38%	1.094%
9	9.089	1011	1021	1034	rBV	196906	354204	14.20%	0.949%
10	9.812	1137	1144	1156	rVB	156348	289959	11.63%	0.777%
11	10.358	1228	1237	1248	rBV	263948	487519	19.55%	1.306%
12	10.734	1294	1301	1308	rBV	373082	653429	26.20%	1.751%
13	10.863	1317	1323	1339	rBV	121448	250262	10.04%	0.670%
14	13.889	1834	1838	1844	rVV3	11695	18468	0.74%	0.049%
15	13.972	1844	1852	1856	rVV	516789	751086	30.12%	2.012%
16	14.019	1856	1860	1865	rVV	145293	211607	8.49%	0.567%
17	14.259	1893	1901	1916	rBV	609762	1017638	40.81%	2.726%
18	14.565	1943	1953	1960	rBV2	611030	963017	38.62%	2.580%
19	14.630	1960	1964	1971	rVB2	24931	40348	1.62%	0.108%
20	14.765	1981	1987	1999	rBV	90627	187169	7.51%	0.501%
21	14.964	2015	2021	2029	rVB	24593	46024	1.85%	0.123%
22	15.558	2115	2122	2128	rVV	835409	1255106	50.33%	3.362%
23	15.611	2128	2131	2136	rVV3	42833	57901	2.32%	0.155%
24	15.675	2136	2142	2150	rVV	152706	247334	9.92%	0.663%
25	15.793	2156	2162	2166	rBV4	10165	22205	0.89%	0.059%
26	15.910	2177	2182	2191	rVB	17864	33516	1.34%	0.090%
27	16.057	2201	2207	2215	rVB2	17056	38428	1.54%	0.103%
28	16.286	2241	2246	2249	rBV5	16622	25820	1.04%	0.069%
29	16.851	2334	2342	2345	rBV6	18659	36685	1.47%	0.098%
30	16.962	2356	2361	2368	rVB	38908	70070	2.81%	0.188%
31	17.044	2369	2375	2380	rBV6	17304	43683	1.75%	0.117%
32	17.127	2385	2389	2397	rVB	29998	49324	1.98%	0.132%
33	17.309	2413	2420	2424	rBV	789313	1225261	49.14%	3.283%
34	17.350	2424	2427	2432	rVB	543973	736854	29.55%	1.974%

LSC Area Percent Report

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Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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	17.409	2432	2437	2441	rBV	825797	1251549	50.19%	3.353%
36	17.497	2448	2452	2459	rVB6	12330	22288	0.89%	0.060%
37	17.626	2470	2474	2479	rVB4	14750	23091	0.93%	0.062%
38	17.708	2479	2488	2492	rBV	53363	105489	4.23%	0.283%
39	17.826	2503	2508	2513	rVB3	19976	33372	1.34%	0.089%
40	17.890	2515	2519	2523	rVB3	20813	24863	1.00%	0.067%
41	18.102	2552	2555	2560	rVB4	12287	18809	0.75%	0.050%
42	18.184	2560	2569	2571	rBV	111424	168639	6.76%	0.452%
43	18.231	2571	2577	2582	rVV2	157650	350865	14.07%	0.940%
44	18.272	2582	2584	2586	rVV	16088	18519	0.74%	0.050%
45	18.313	2587	2591	2595	rVV	41051	68692	2.75%	0.184%
46	18.378	2595	2602	2606	rVV2	140265	280681	11.26%	0.752%
47	18.413	2606	2608	2614	rVB	82469	105442	4.23%	0.282%
48	18.684	2648	2654	2657	rBV	91281	145120	5.82%	0.389%
49	18.719	2657	2660	2667	rVV	103537	147404	5.91%	0.395%
50	18.807	2672	2675	2683	rBV9	11961	21404	0.86%	0.057%
51	18.930	2692	2696	2700	rVV3	39223	59093	2.37%	0.158%
52	18.977	2701	2704	2707	rVV	31713	41178	1.65%	0.110%
53	19.013	2707	2710	2714	rVB3	32251	43812	1.76%	0.117%
54	19.101	2720	2725	2729	rBV	94111	144936	5.81%	0.388%
55	19.154	2729	2734	2738	rVV3	37464	84586	3.39%	0.227%
56	19.189	2738	2740	2744	rVB	32242	33858	1.36%	0.091%
57	19.236	2744	2748	2756	rVB	92471	156380	6.27%	0.419%
58	19.324	2756	2763	2764	rBV7	24807	43790	1.76%	0.117%
59	19.359	2764	2769	2775	rVB	1195797	1642349	65.86%	4.400%
60	19.424	2776	2780	2783	rBV	28481	39179	1.57%	0.105%
61	19.459	2783	2786	2790	rVB5	24022	32146	1.29%	0.086%
62	19.506	2791	2794	2798	rVB	29790	37427	1.50%	0.100%
63	19.553	2798	2802	2806	rBV3	38503	61406	2.46%	0.165%
64	19.600	2808	2810	2813	rVB	22789	24393	0.98%	0.065%
65	19.688	2820	2825	2828	rBV2	1258620	1967619	78.91%	5.271%
66	19.718	2828	2830	2838	rVV	1061240	1418921	56.90%	3.801%
67	19.794	2839	2843	2848	rVB2	60475	98562	3.95%	0.264%
68	19.894	2856	2860	2866	rVB	62115	93660	3.76%	0.251%
69	19.953	2867	2870	2873	rVB3	24429	30359	1.22%	0.081%
70	20.053	2880	2887	2893	rBV2	101112	273206	10.96%	0.732%
71	20.141	2898	2902	2904	rVV5	18833	28837	1.16%	0.077%

LSC Area Percent Report

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Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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

72	20.182	2904	2909	2910	rVV2	79310	124997	5.01%	0.335%
73	20.211	2910	2914	2924	rVB2	180645	304406	12.21%	0.816%
74	20.311	2927	2931	2935	rBV	72696	114107	4.58%	0.306%
75	20.370	2935	2941	2945	rVV2	140200	241898	9.70%	0.648%
76	20.452	2952	2955	2959	rVB2	23921	39128	1.57%	0.105%
77	20.511	2961	2965	2968	rBV	84871	109672	4.40%	0.294%
78	20.552	2968	2972	2977	rVB2	81678	115762	4.64%	0.310%
79	20.963	3038	3042	3049	rVB	158656	235472	9.44%	0.631%
80	21.145	3066	3073	3076	rBV2	99798	240960	9.66%	0.646%
81	21.187	3076	3080	3082	rVV	126675	175008	7.02%	0.469%
82	21.222	3082	3086	3093	rVV3	432708	822514	32.99%	2.204%
83	21.286	3093	3097	3104	rVB2	141849	255181	10.23%	0.684%
84	21.551	3134	3142	3147	rBV2	1063557	2493570	100.00%	6.680%
85	21.598	3147	3150	3161	rVB	531591	881557	35.35%	2.362%
86	21.757	3172	3177	3182	rBV4	95039	235568	9.45%	0.631%
87	21.945	3206	3209	3215	rVB3	52680	88780	3.56%	0.238%
88	22.268	3261	3264	3270	rVB	105719	162082	6.50%	0.434%
89	22.368	3272	3281	3287	rVV6	147933	419096	16.81%	1.123%
90	22.532	3305	3309	3312	rBV	45064	62911	2.52%	0.169%
91	23.361	3445	3450	3460	rVB	173566	354613	14.22%	0.950%
92	23.678	3497	3504	3512	rBV	423540	1374909	55.14%	3.683%
93	23.801	3521	3525	3529	rBV	141733	245527	9.85%	0.658%
94	23.854	3529	3534	3542	rVB2	284853	598282	23.99%	1.603%
95	24.371	3616	3622	3628	rBV	219342	532846	21.37%	1.428%
96	24.447	3628	3635	3641	rVV	562914	1404238	56.31%	3.762%
97	24.512	3641	3646	3660	rVB	366289	952822	38.21%	2.553%
98	24.659	3663	3671	3678	rBV2	468958	1299347	52.11%	3.481%
99	25.805	3858	3866	3876	rVB2	183315	530179	21.26%	1.420%
100	28.173	4259	4269	4287	rVB2	146748	686329	27.52%	1.839%

Sum of corrected areas: 37326945

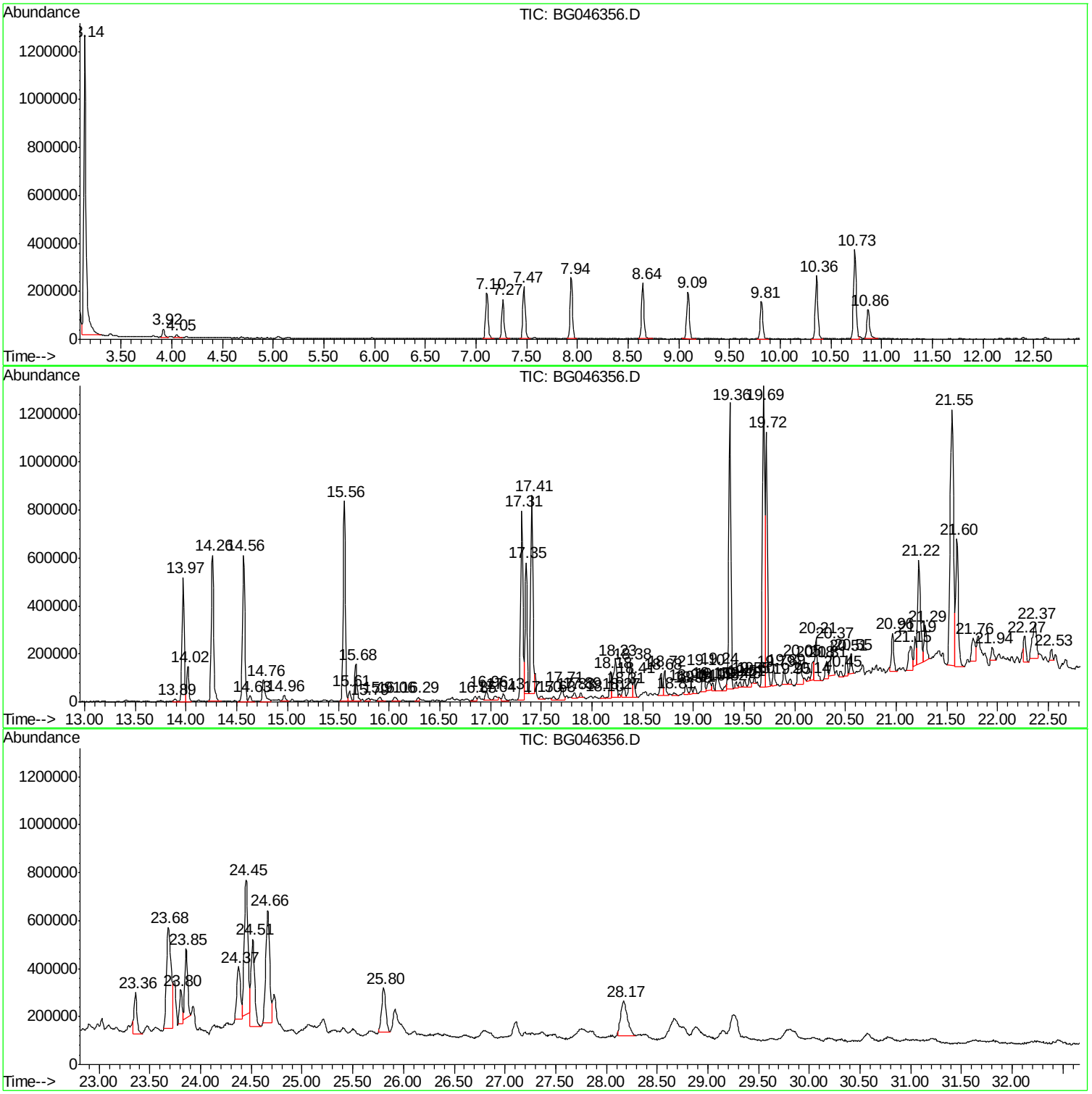
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
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Instrument : BNA_G
ClientSampleId : BFME2

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

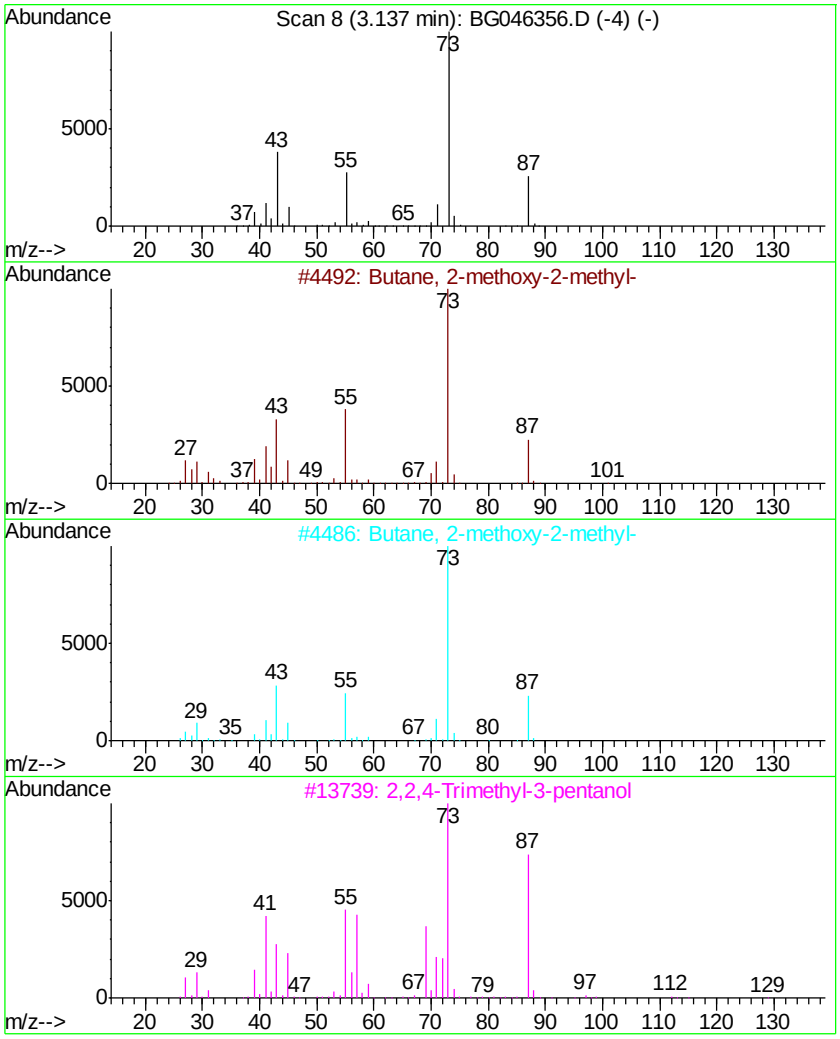
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

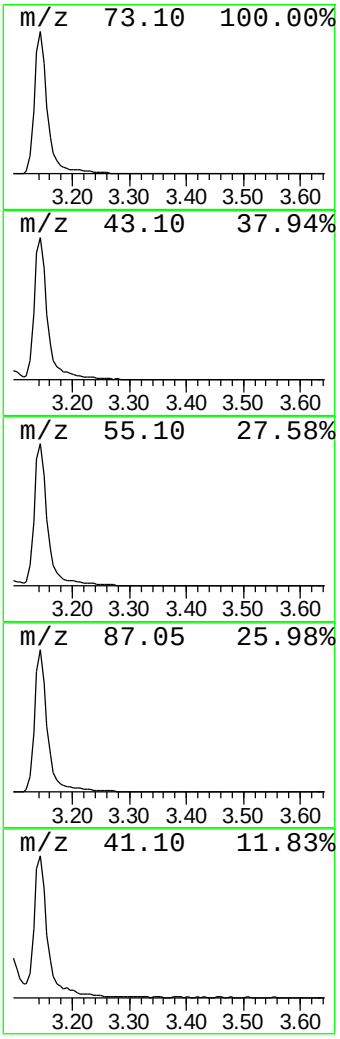
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	95.12 ng/ul	2067890	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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

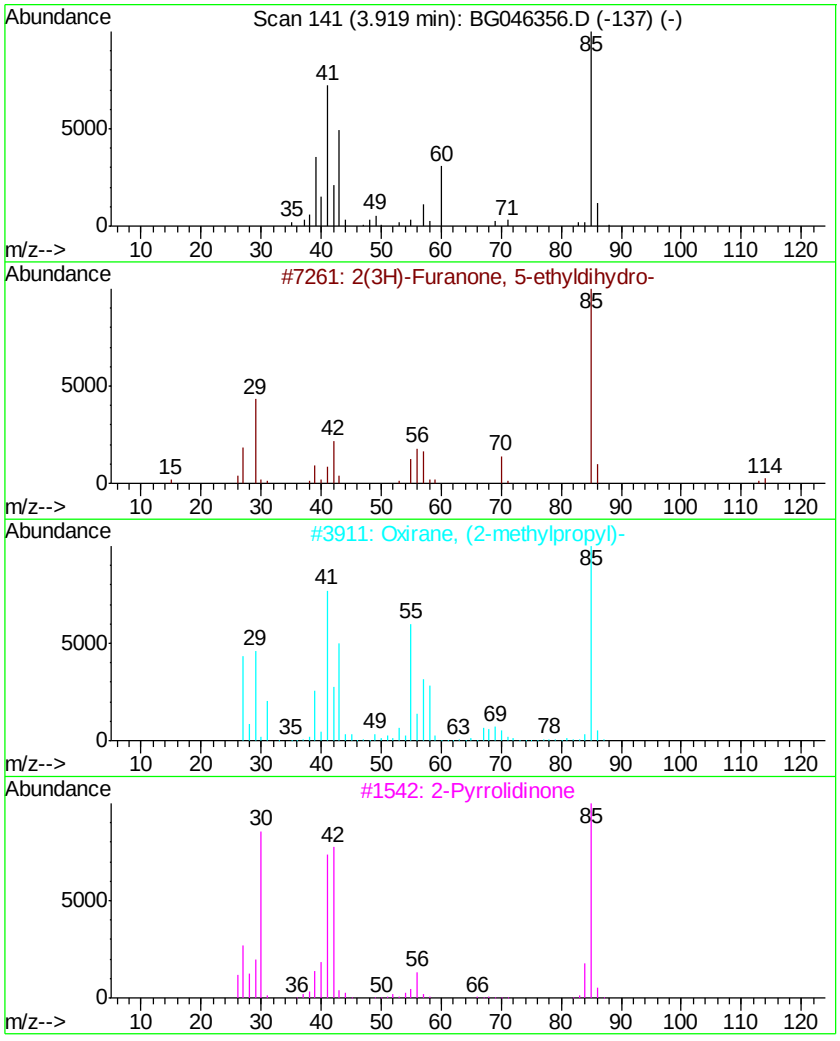
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

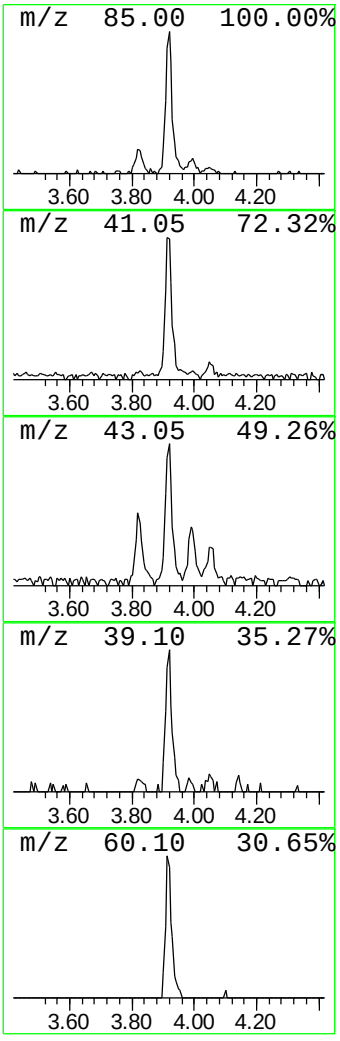
****

Peak Number 2 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.33 ng/ul	50592	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	38
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 19 Aug 2020 21:27
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Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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

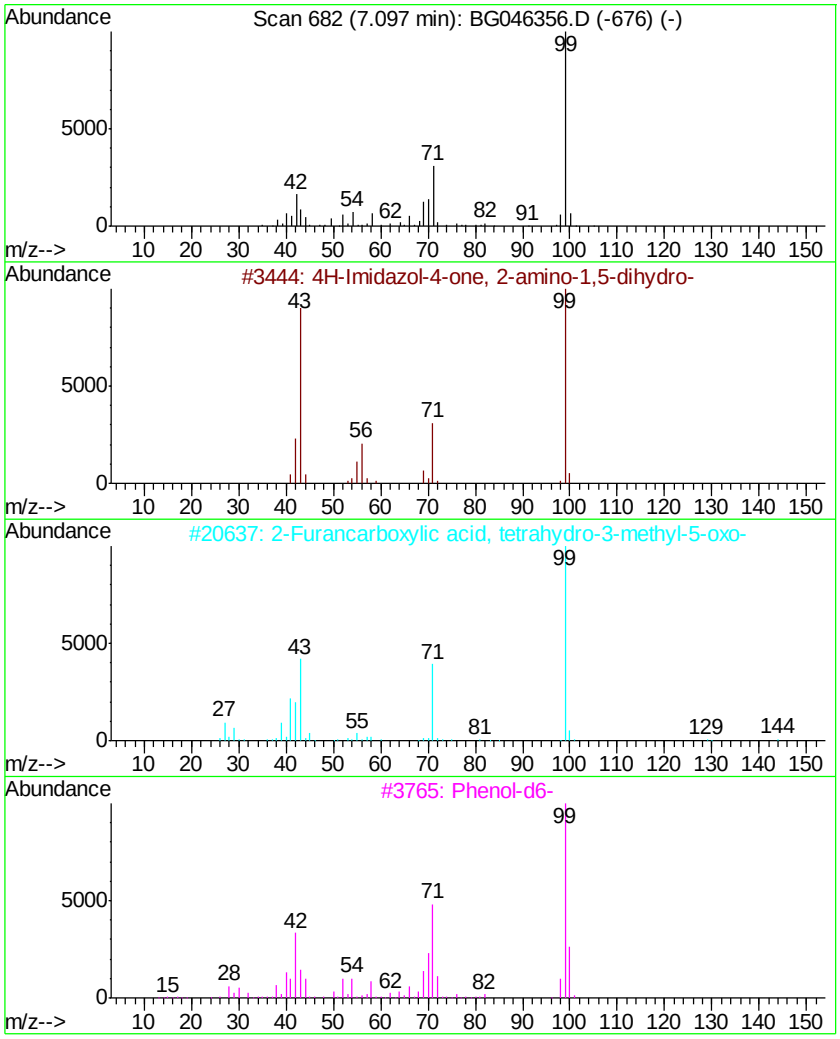
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

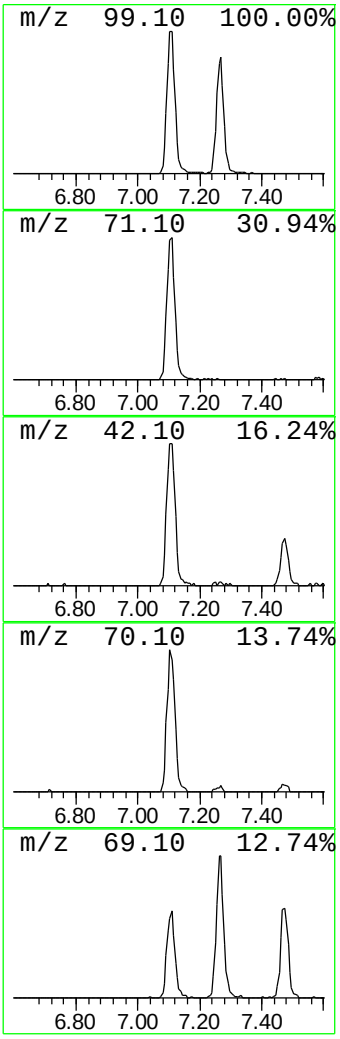
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	15.89 ng/ul	345429	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
2	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
3	Phenol-d6-	100	C6D6O	013127-88-3	43
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	42
5	Succinimide	99	C4H5NO2	000123-56-8	40





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Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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

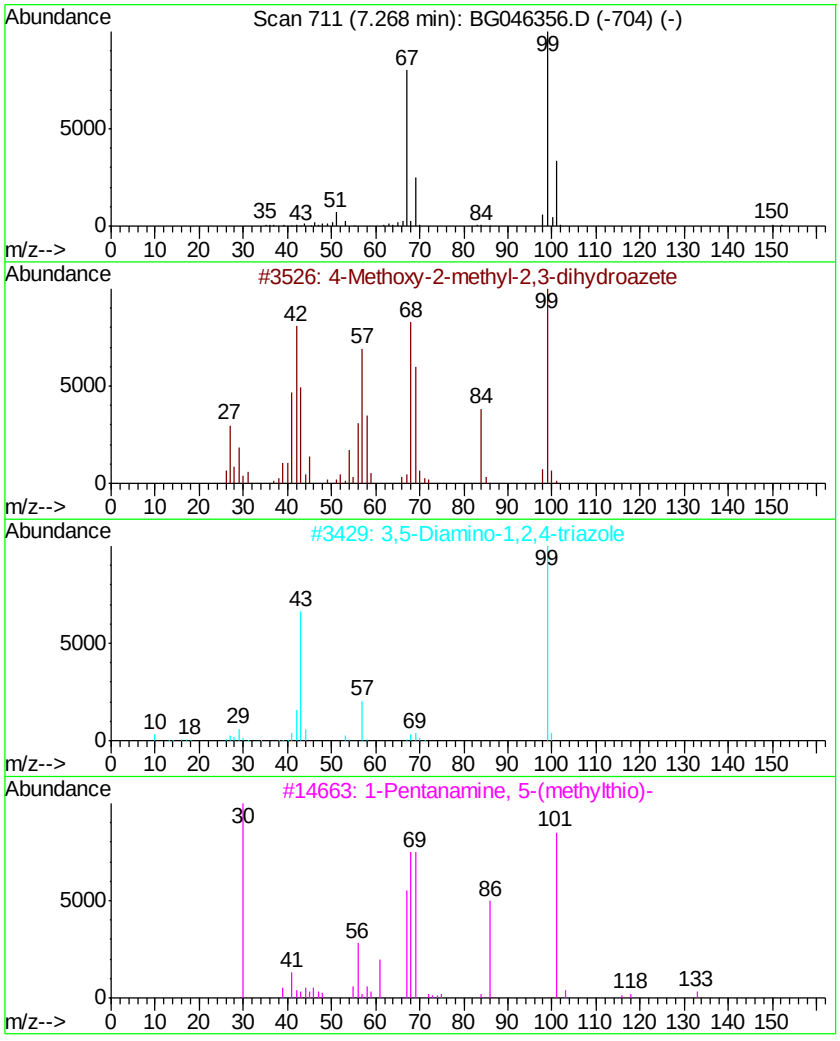
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

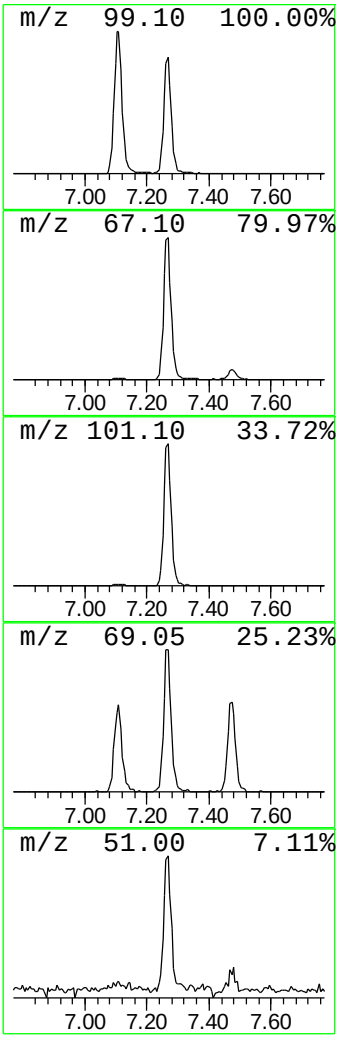
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	12.60 ng/ul	273976	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-2-methyl-2,3-dihydroazete	99	C5H9NO	1000194-07-0	27
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	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7





Library Search Compound Report

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Data File : BG046356.D
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Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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

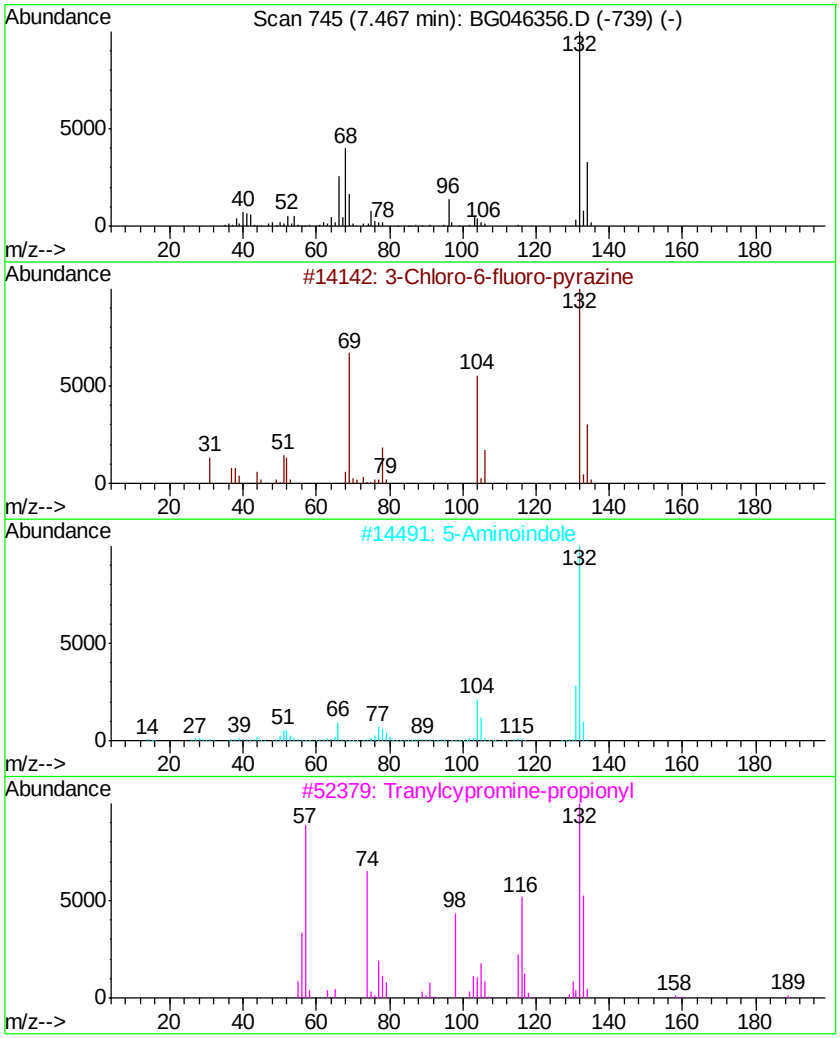
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

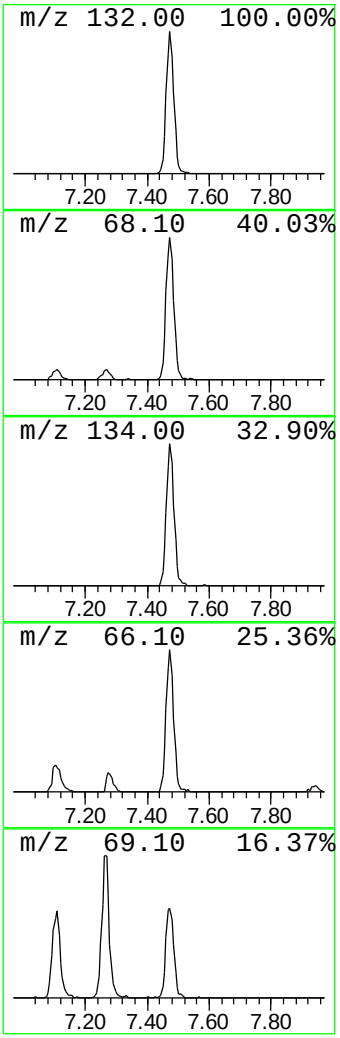
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	16.87 ng/ul	366789	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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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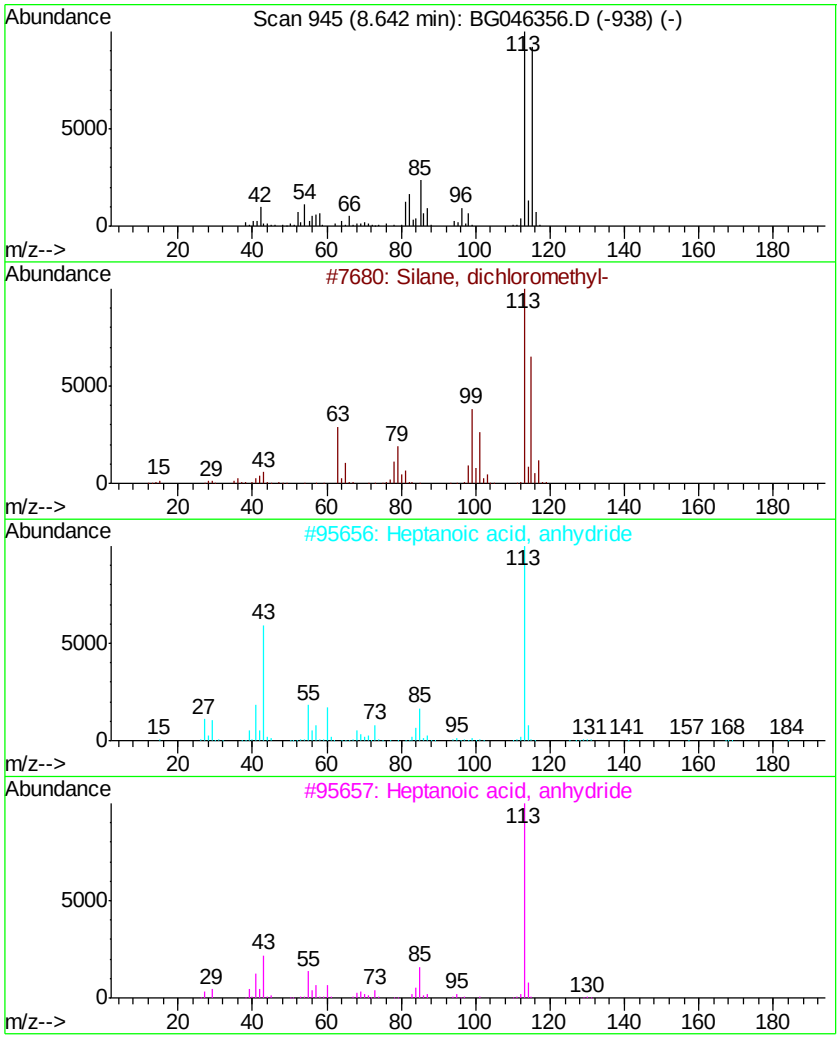
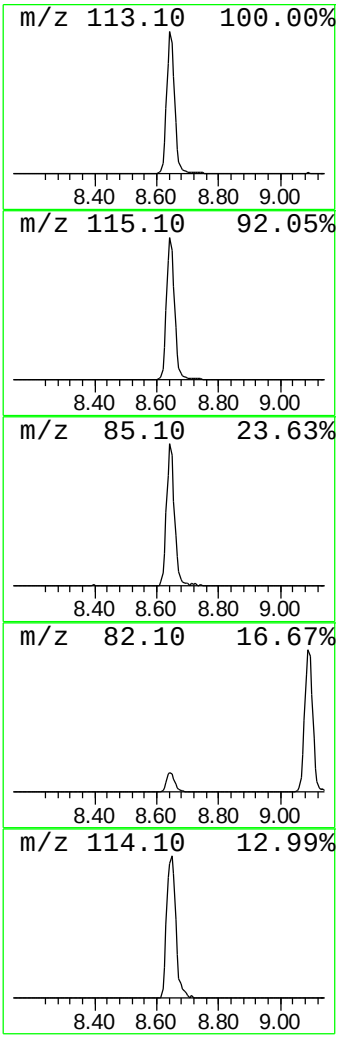
Peak Number 6 Silane, dichloromethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	18.79 ng/ul	408527	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
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	5-Oxohexanethioic acid, S-t-buty...	202	C10H18O2S	1000194-60-8	32





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Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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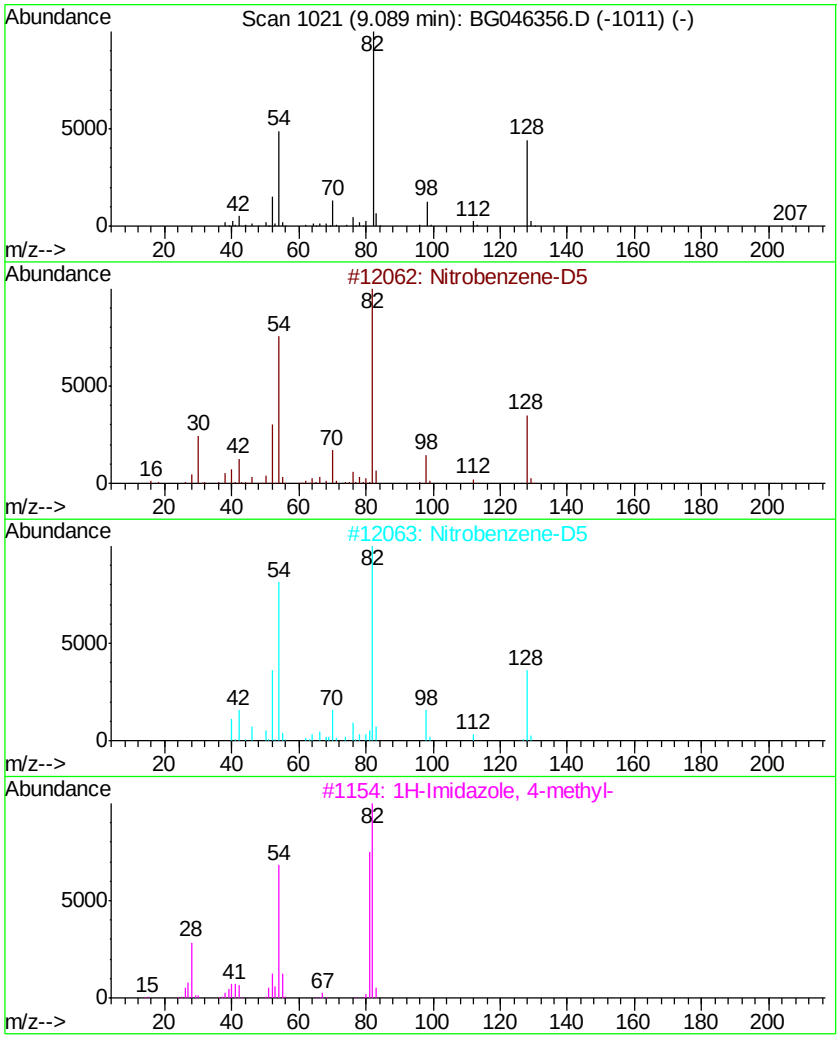
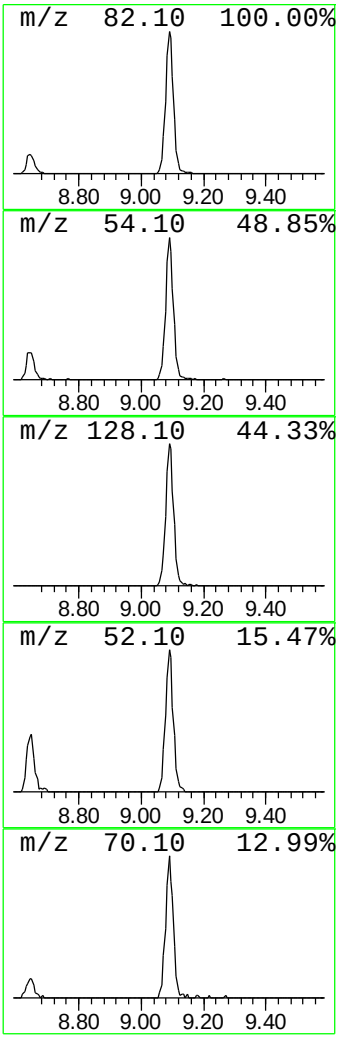
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	16.29 ng/ul	354204	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	64
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	50
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33





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Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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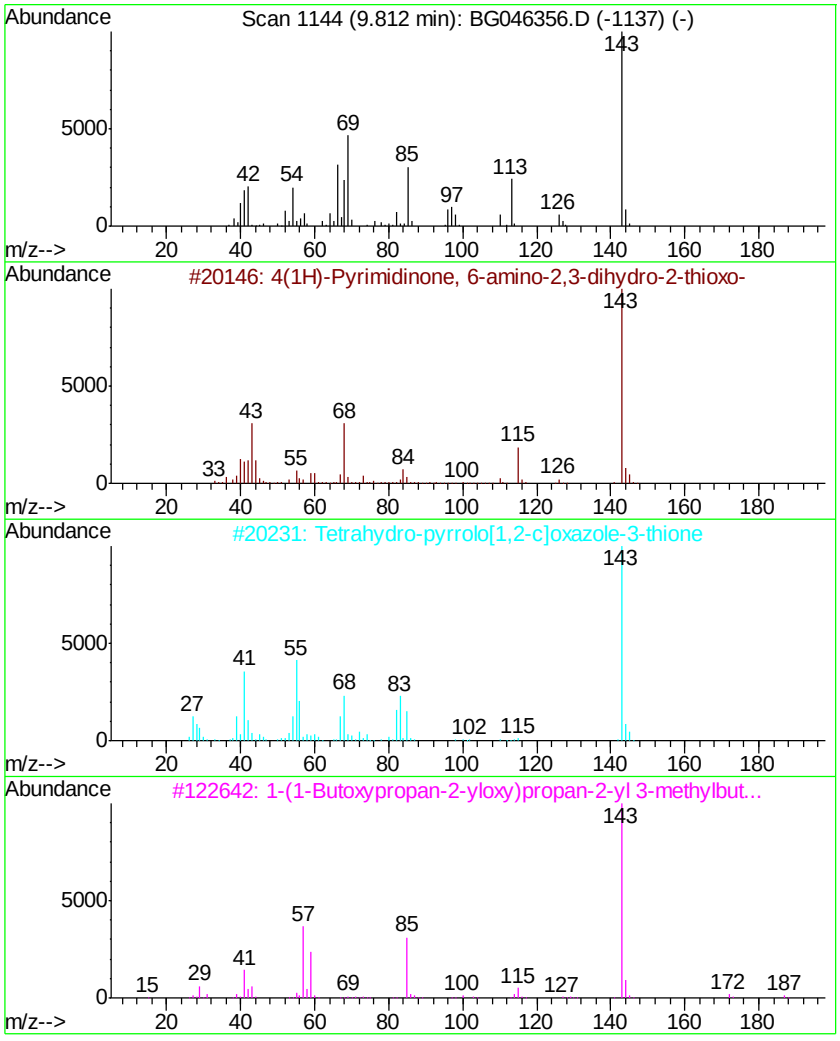
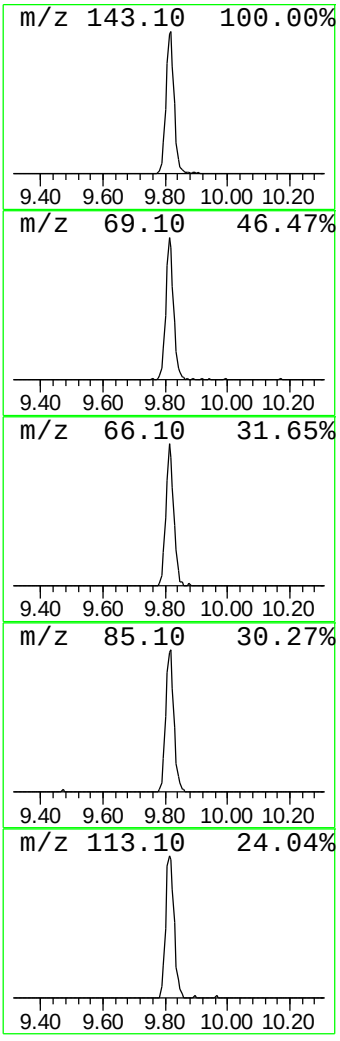
Peak Number 8 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	8.88 ng/ul	289959	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	25
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12





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Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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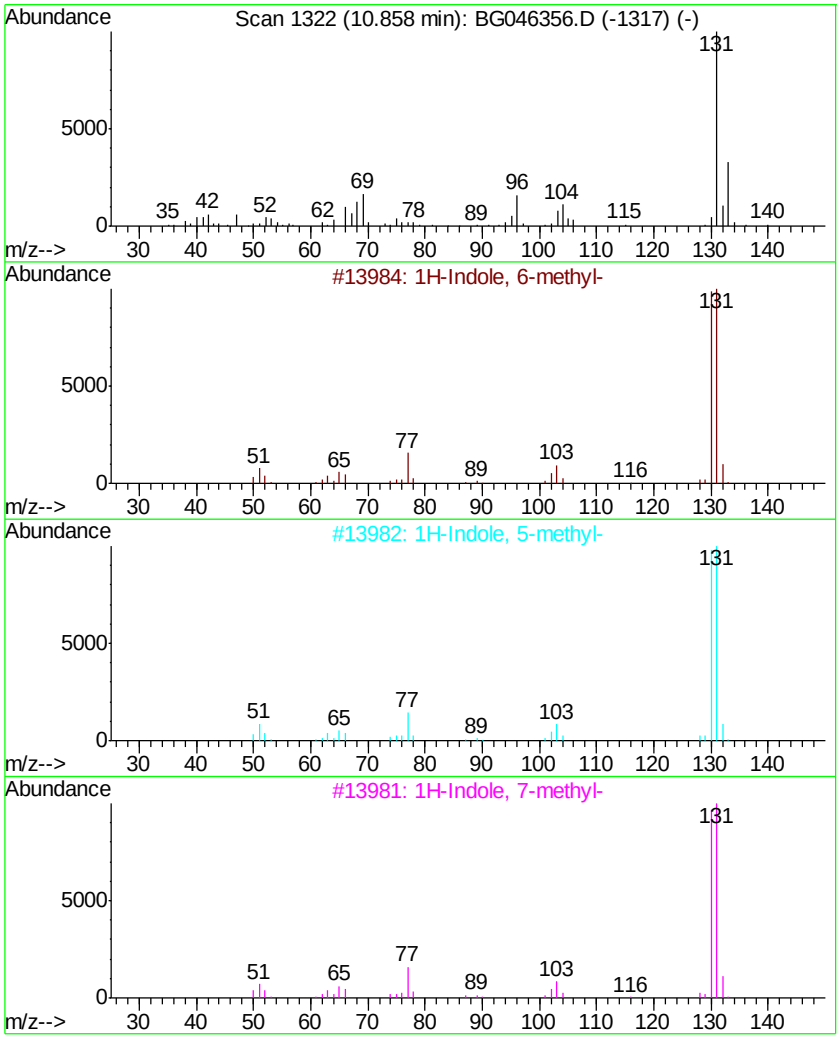
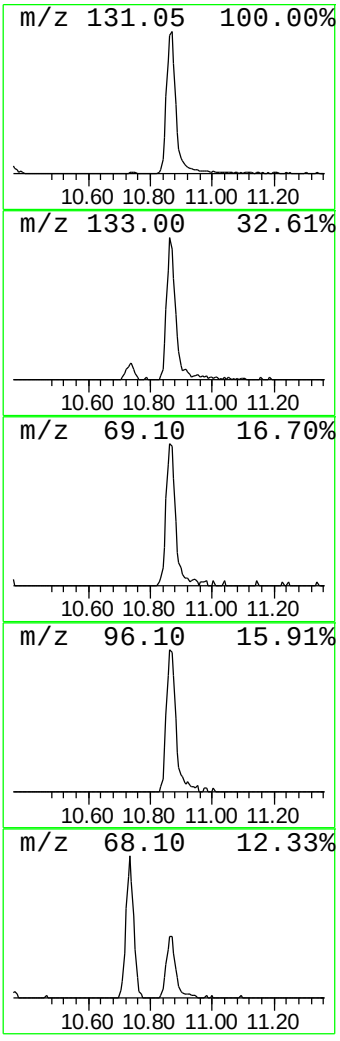
Peak Number 9 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.66 ng/ul	250262	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	38
2	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	38
3	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	38
4	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	28





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Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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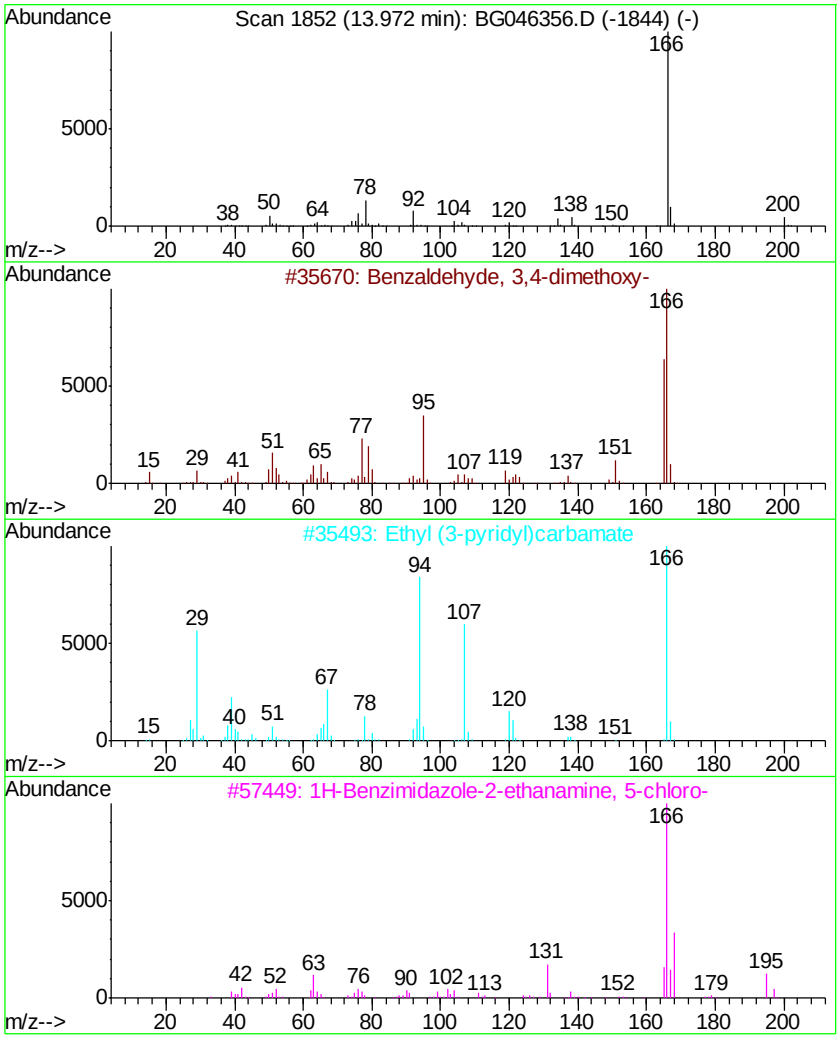
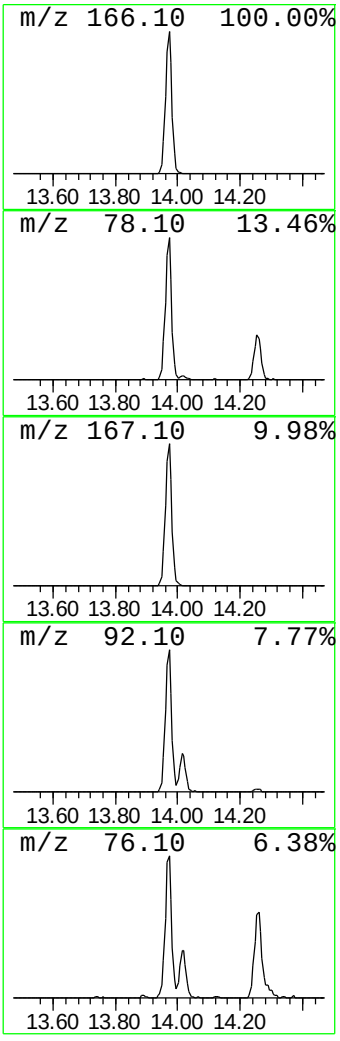
Peak Number 10 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	15.60 ng/ul	751086	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	42
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
5	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38





Library Search Compound Report

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Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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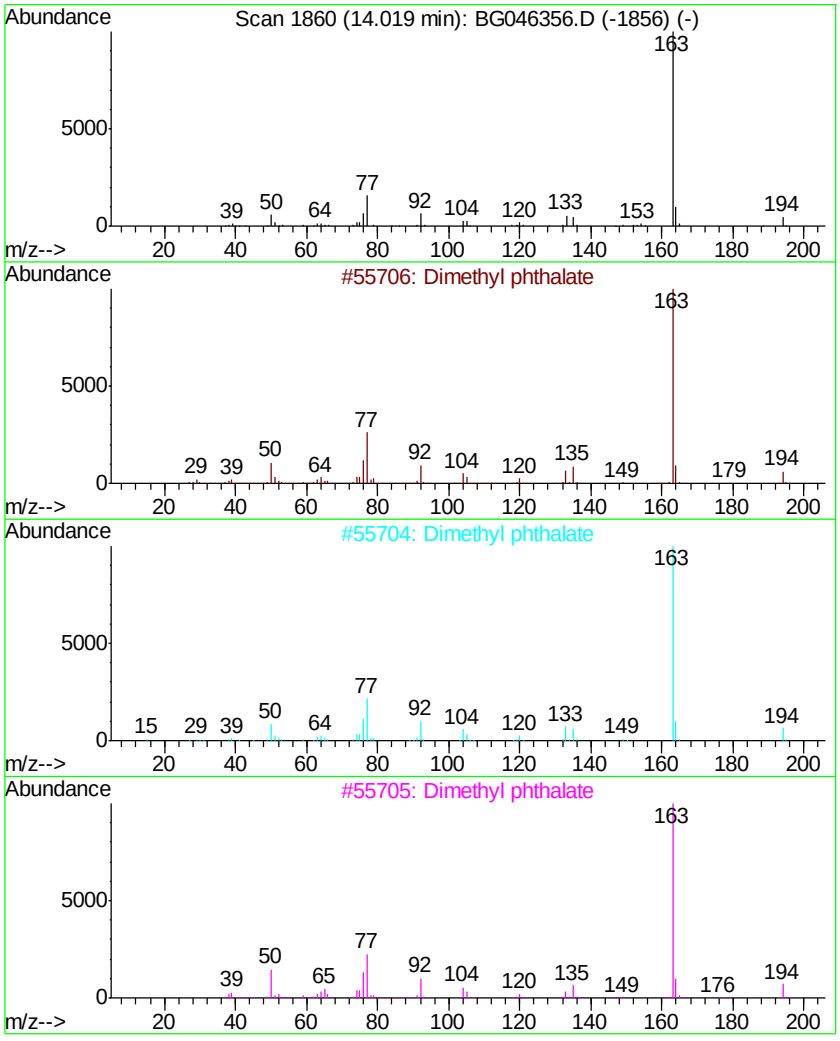
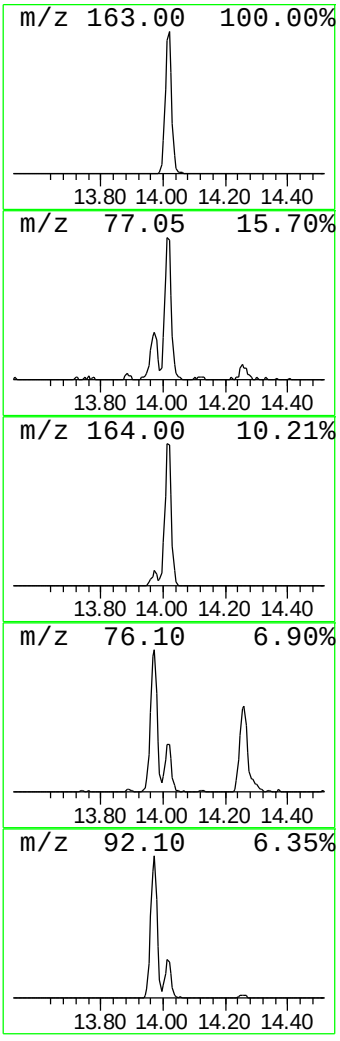
Peak Number 11 Dimethyl phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.39 ng/ul	211607	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	83
5	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	83





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Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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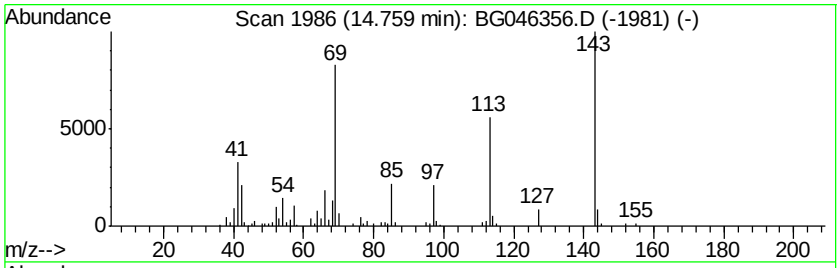
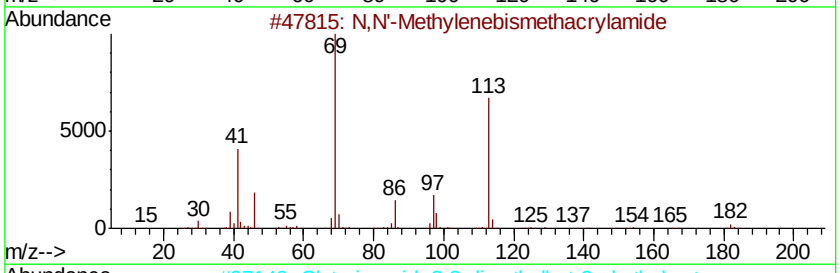
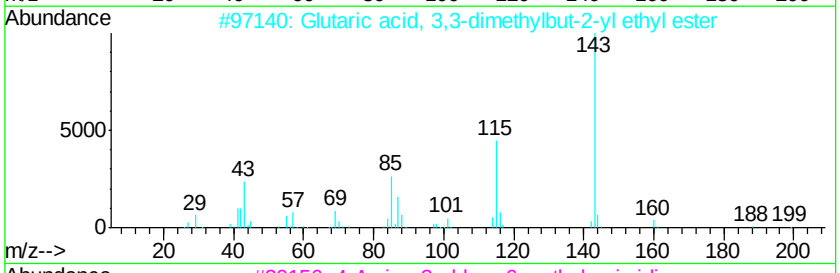
Peak Number 12 unknown-07 Concentration Rank 19

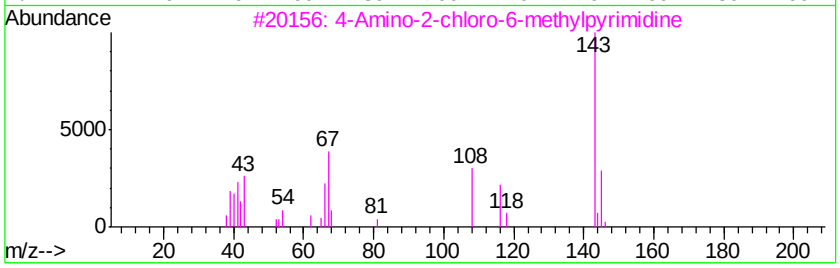
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.89 ng/ul	187169	Acenaphthene-d10	14.56

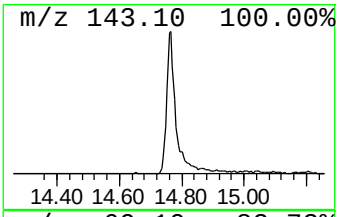
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	32
2	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	27
3	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	27
4	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	25
5	Glutaric acid, ethyl hexadecyl e...	384	C23H44O4	1000358-35-6	22

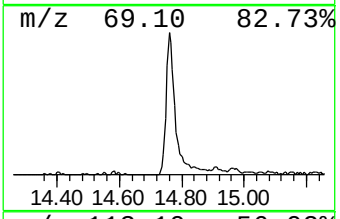


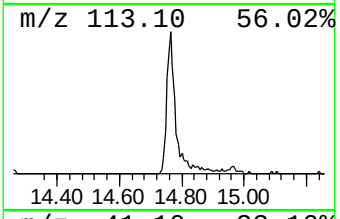


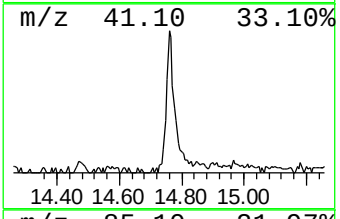


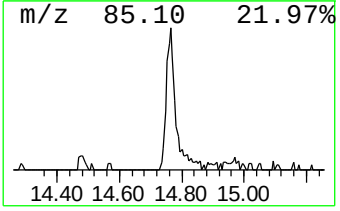












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Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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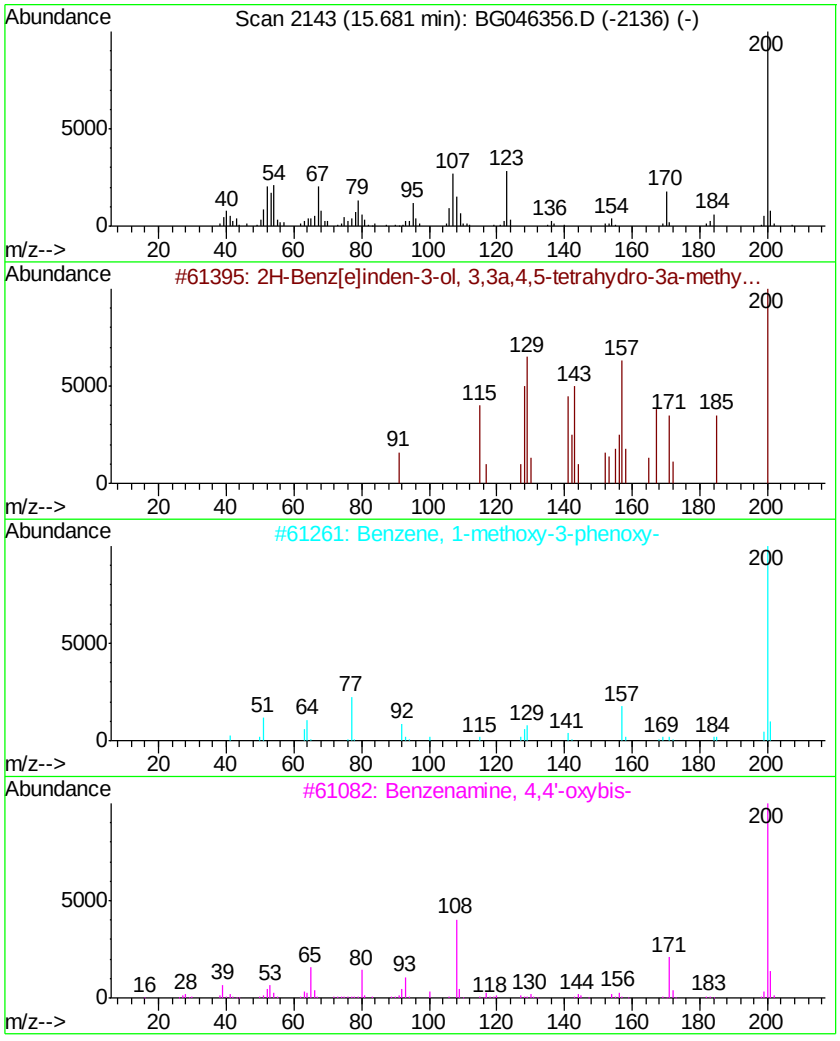
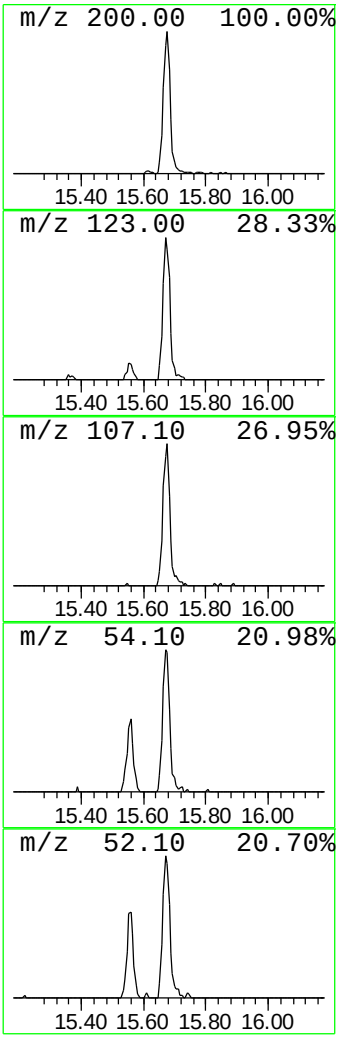
Peak Number 13 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.14 ng/ul	247334	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	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
3	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	9
5	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	9





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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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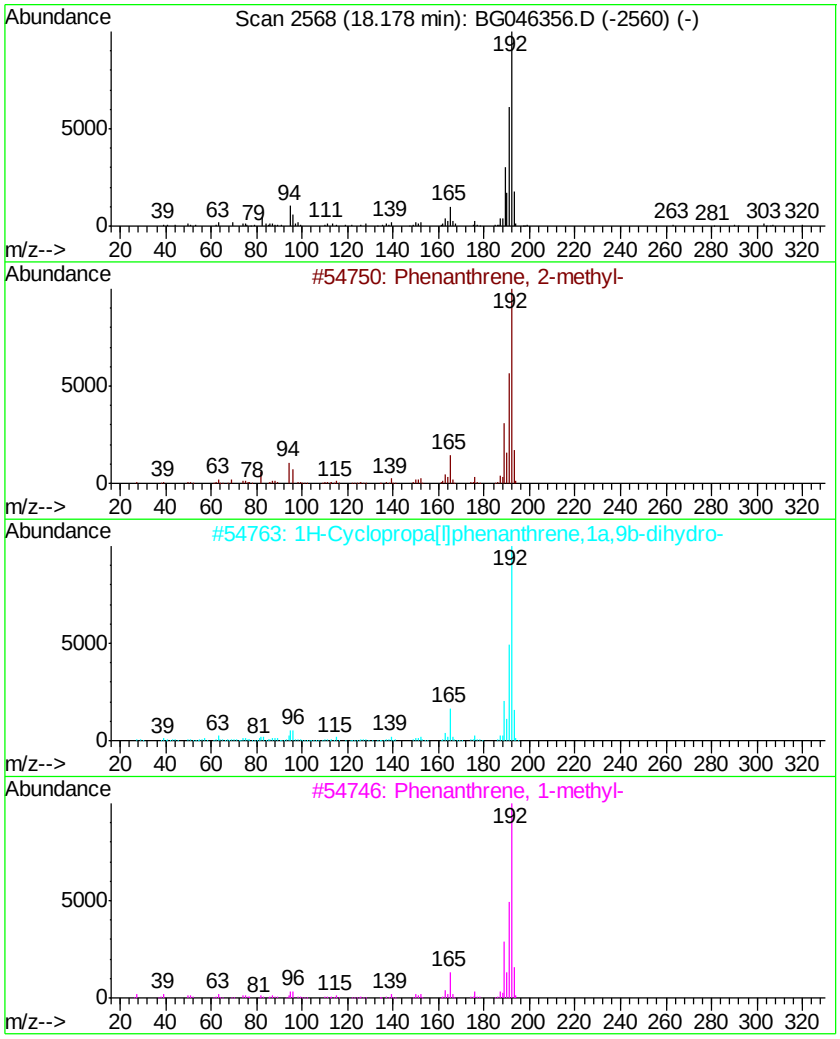
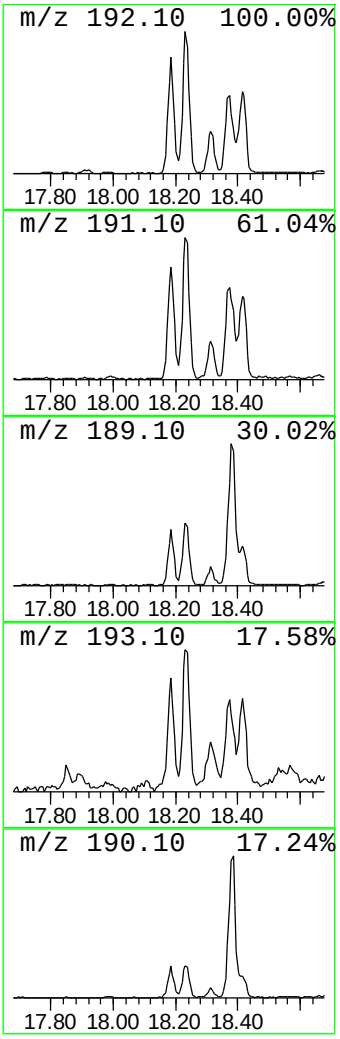
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.75 ng/ul	168639	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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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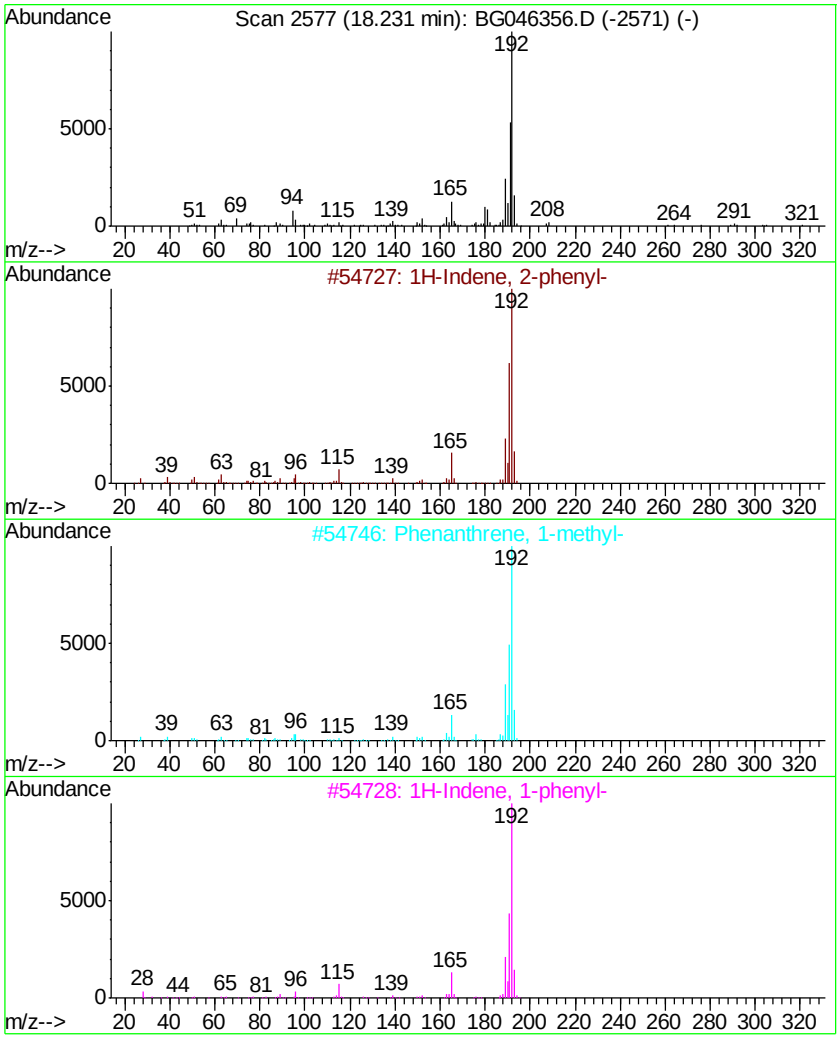
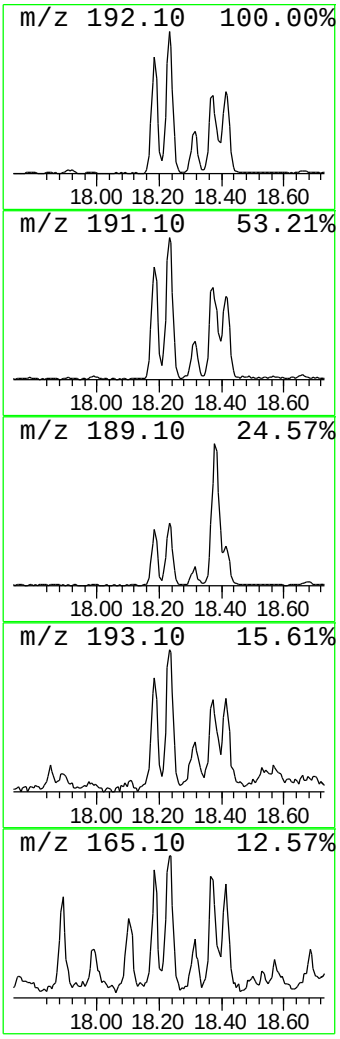
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.73 ng/ul	350865	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Library Search Compound Report

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Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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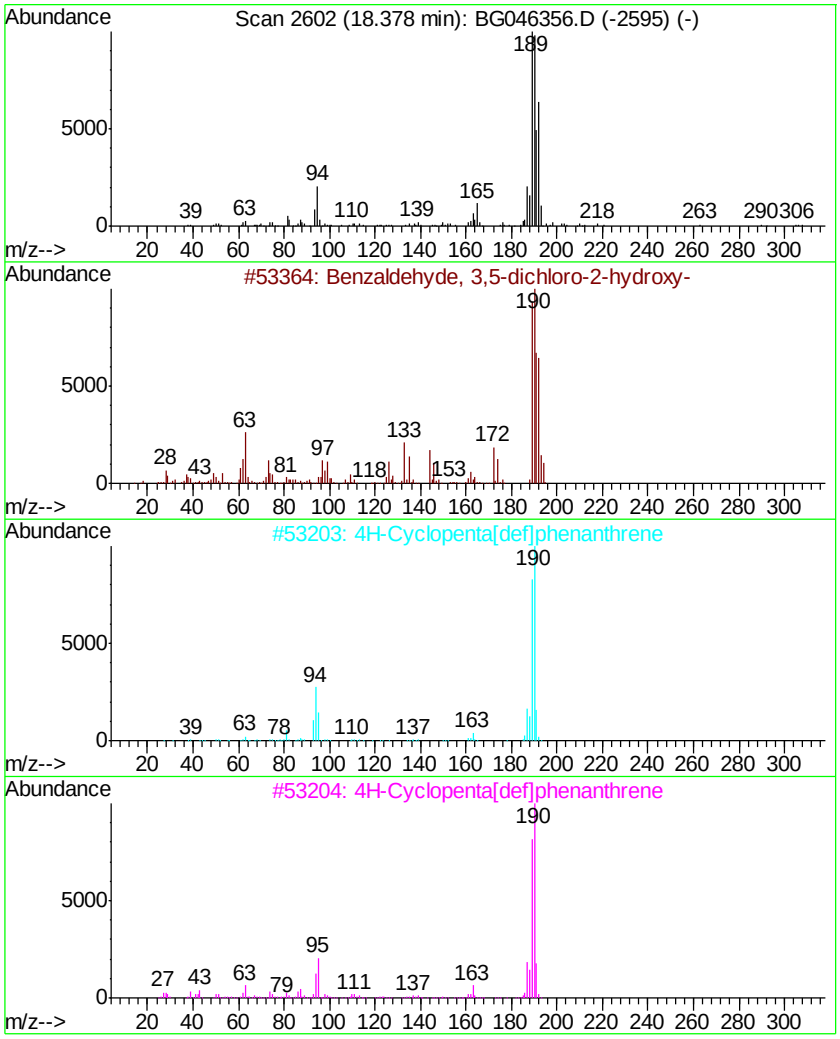
Quant Title : SVOA CALIBRATION

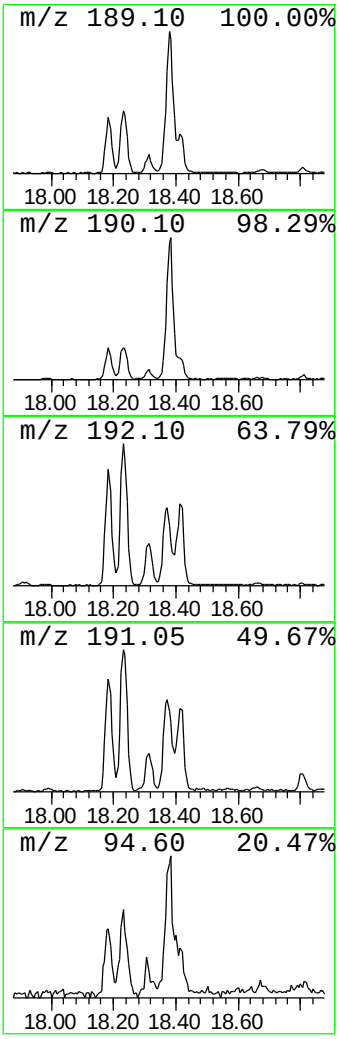
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.58 ng/ul	280681	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





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Sample : L3633-14
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

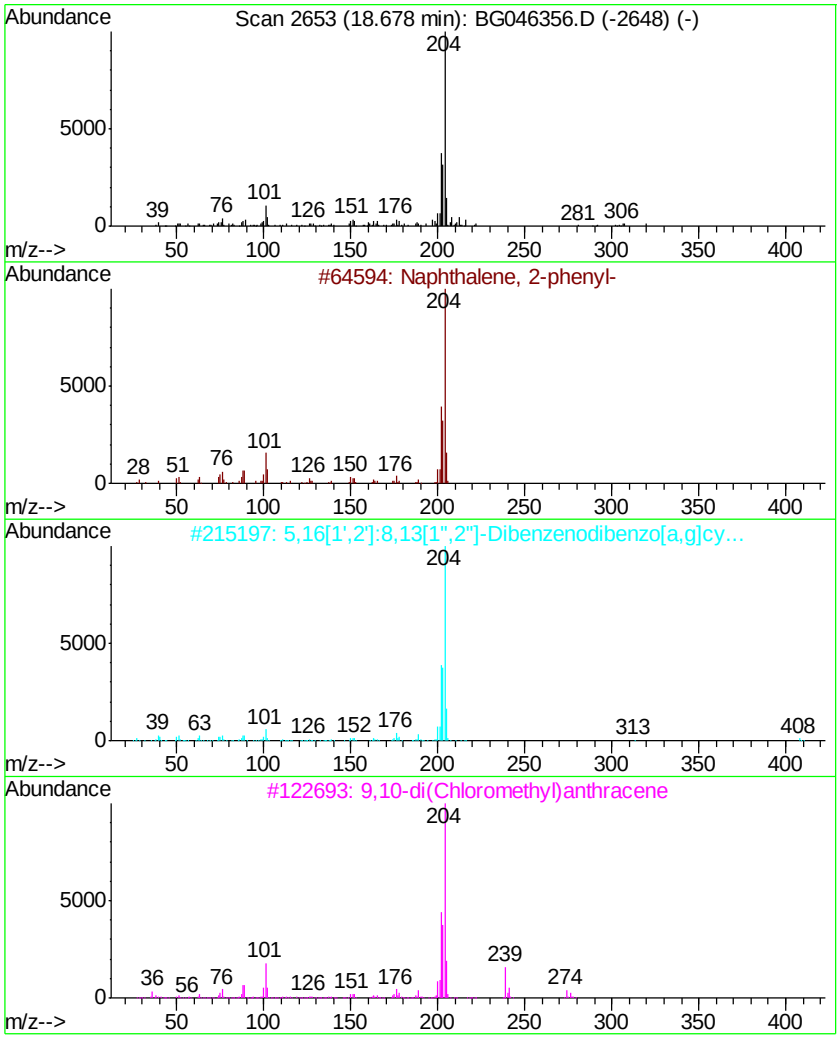
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

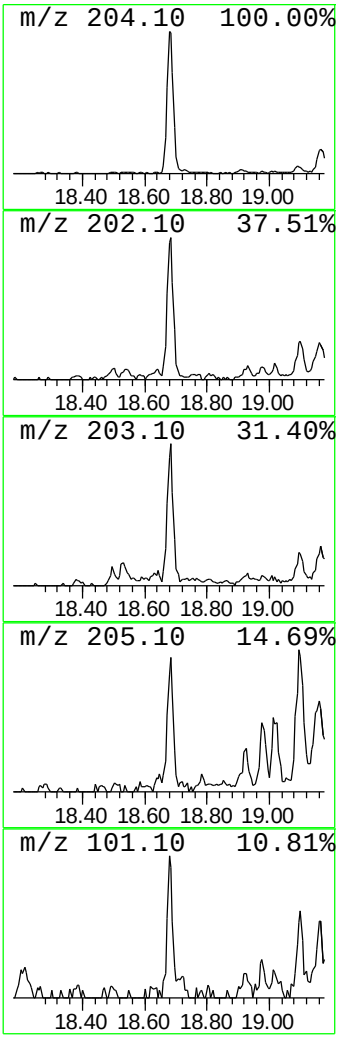
****

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.37 ng/ul	145120	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
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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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

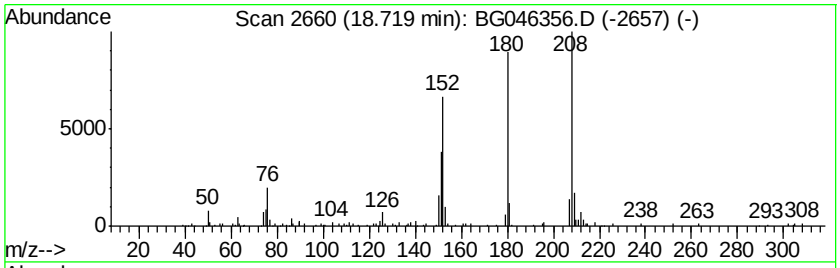
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

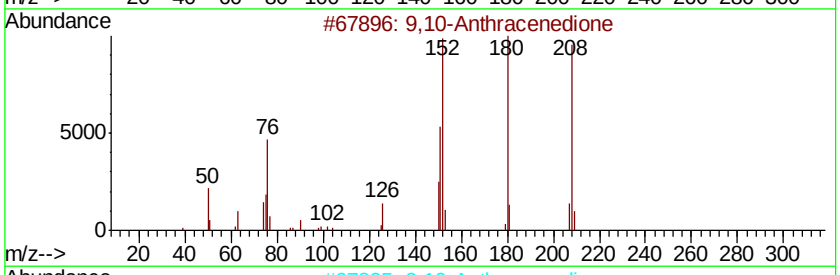
****

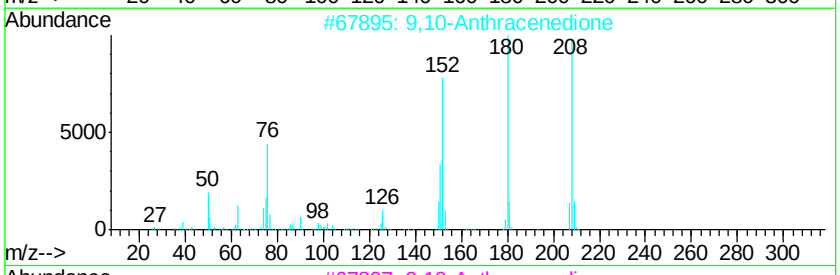
Peak Number 18 9,10-Anthracenedione Concentration Rank 25

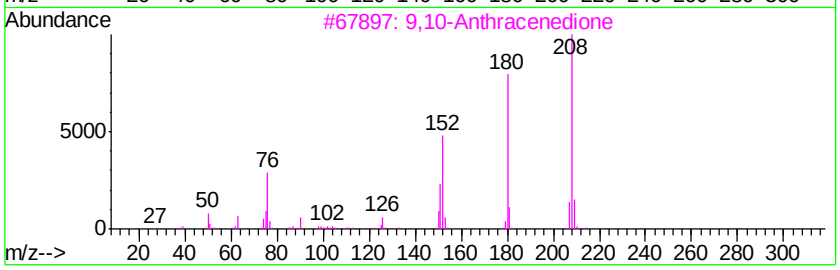
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.41 ng/ul	147404	Phenanthrene-d10	17.31

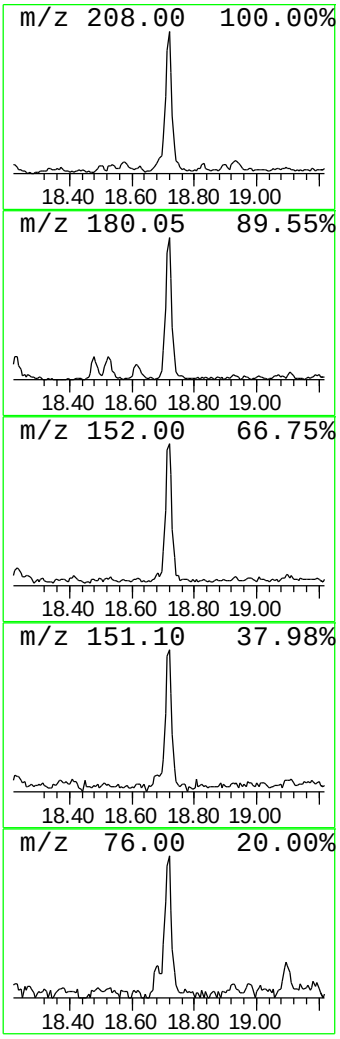
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53











Library Search Compound Report

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Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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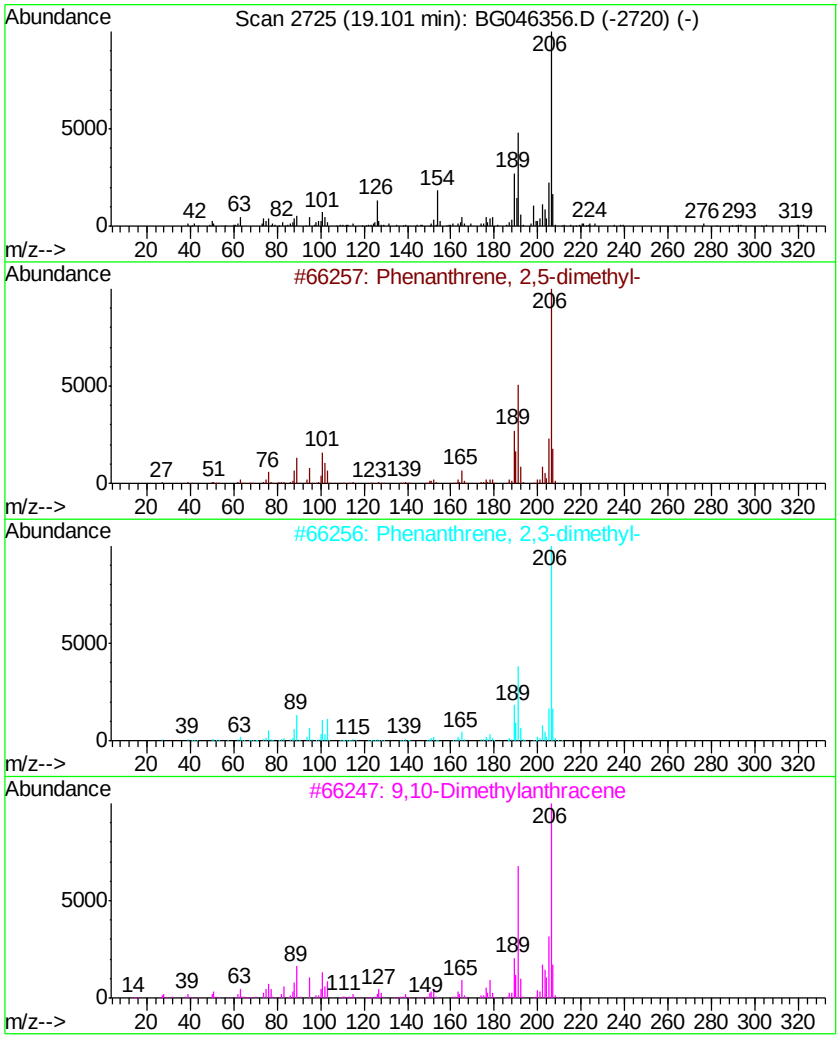
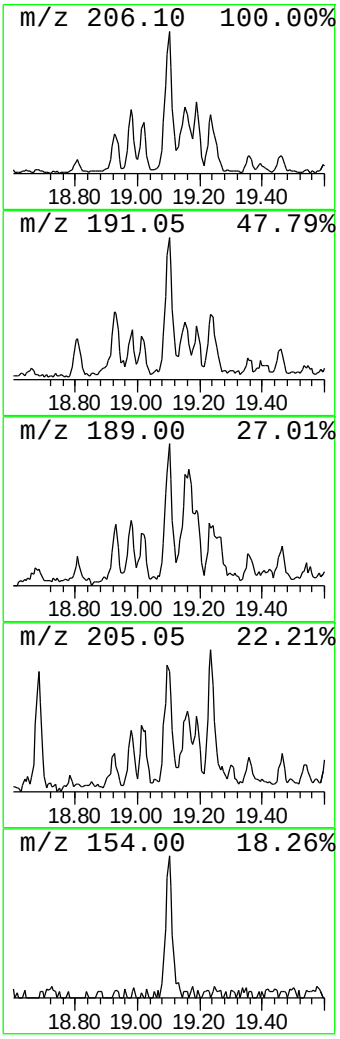
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.37 ng/ul	144936	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	74





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Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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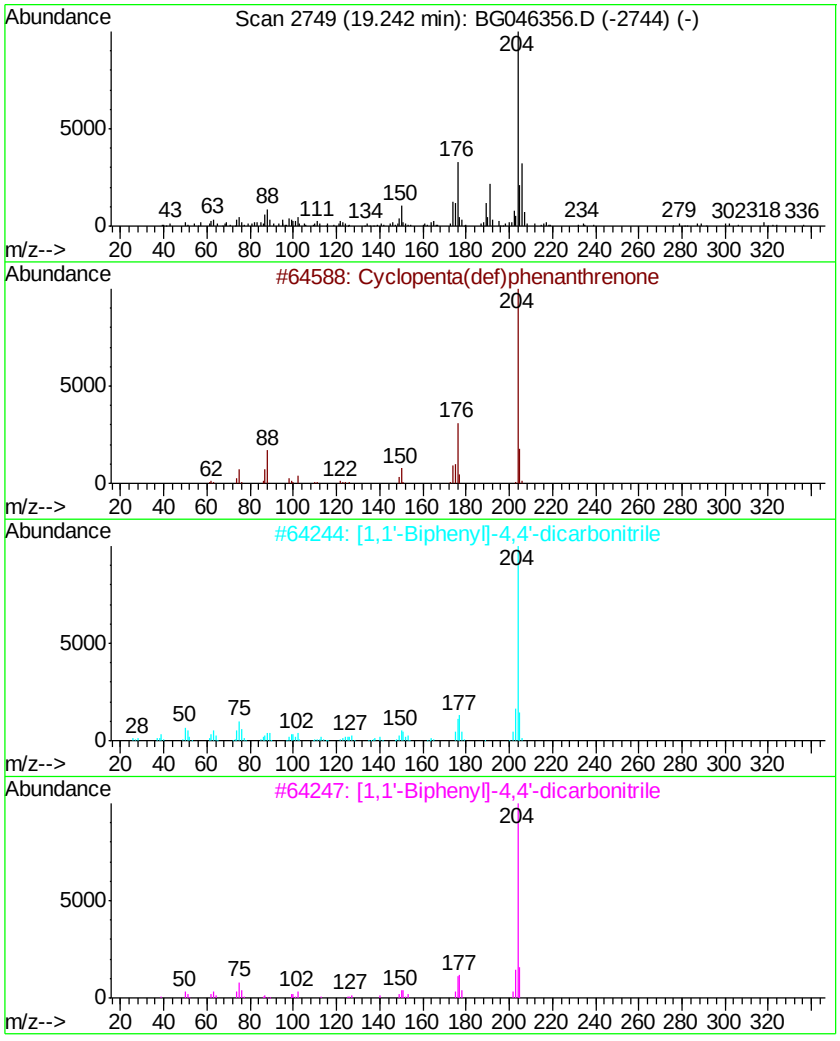
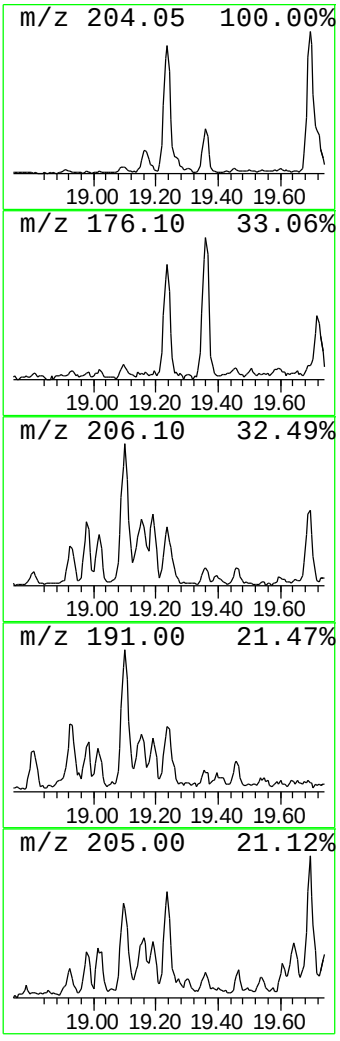
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.55 ng/ul	156380	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46





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Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

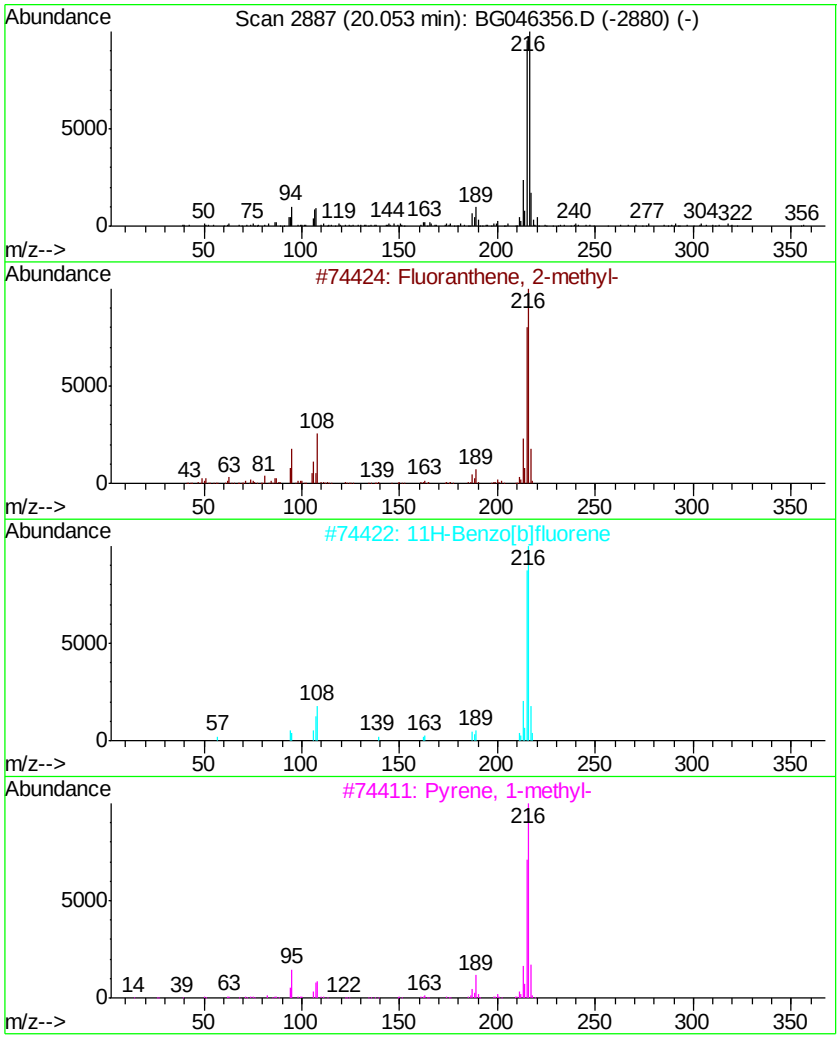
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

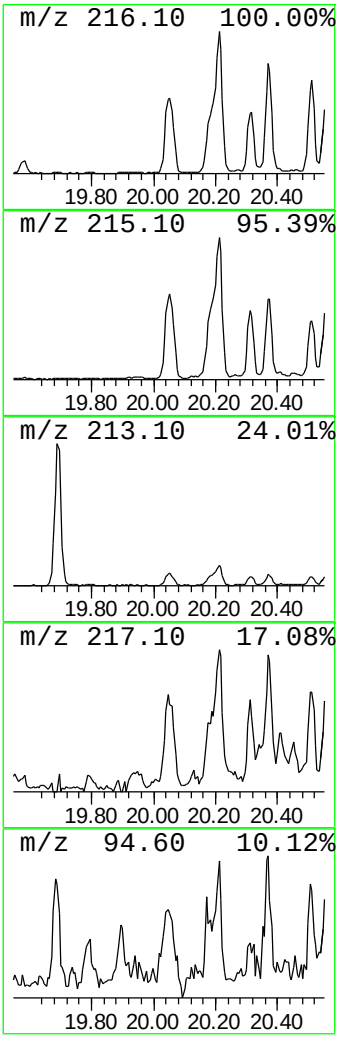
****

Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.19 ng/ul	273206	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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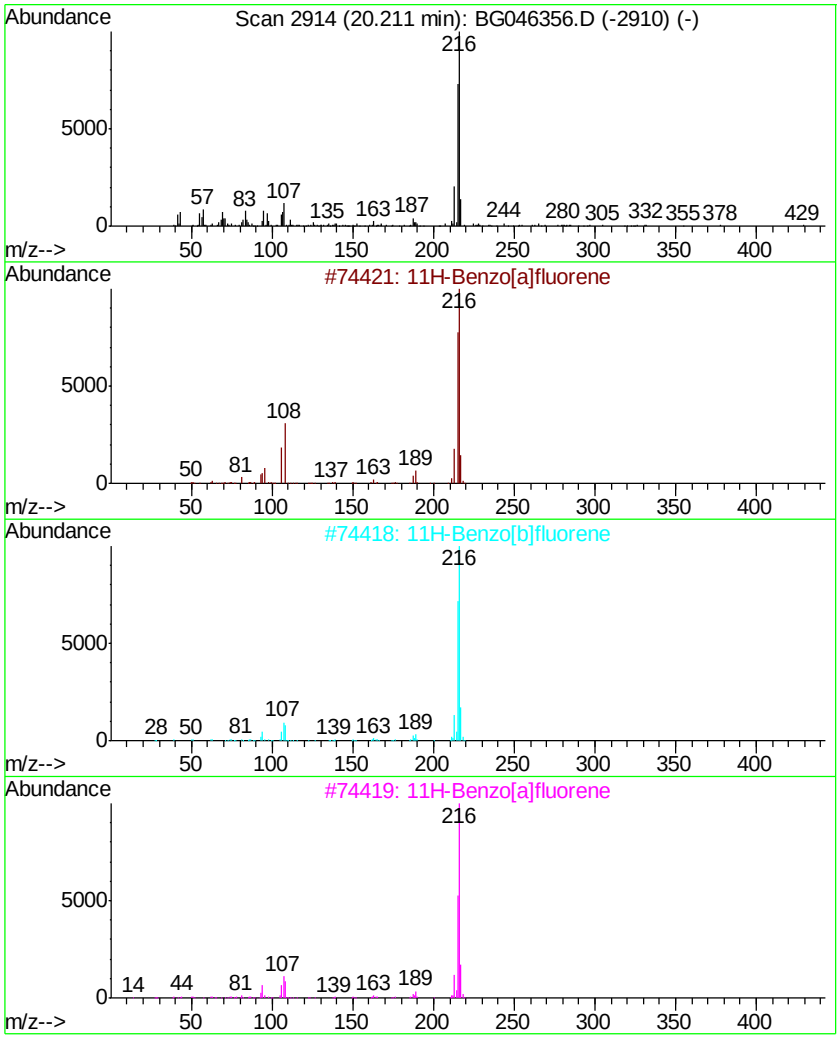
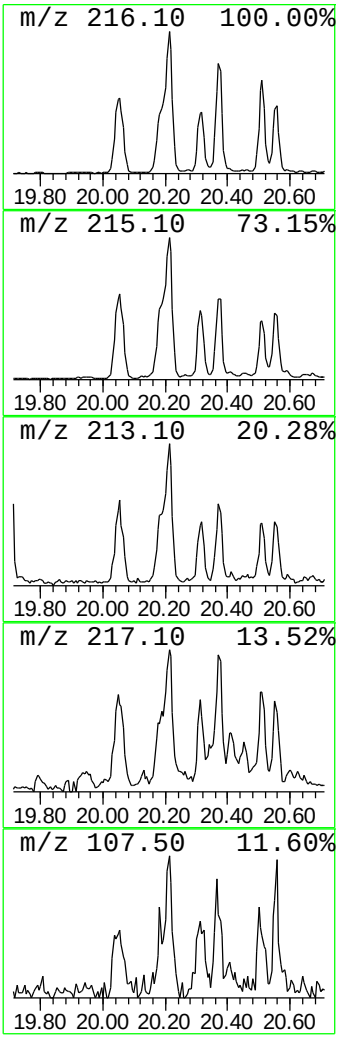
Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.44 ng/ul	304406	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

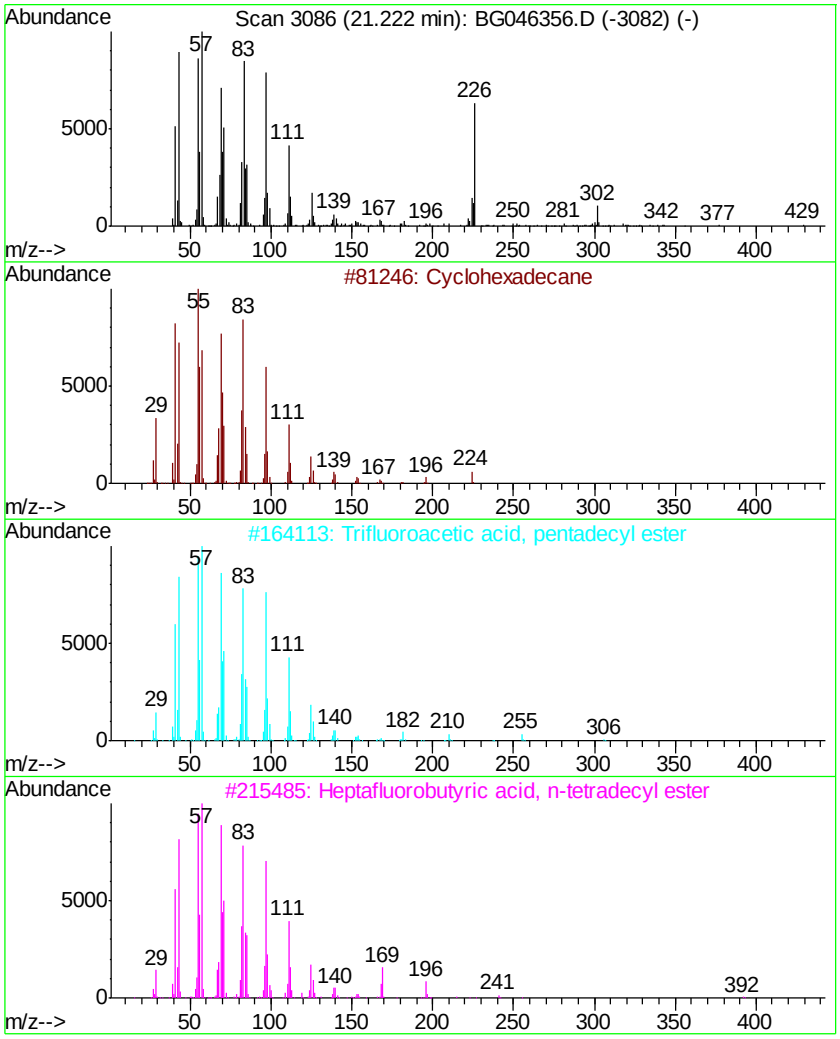
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

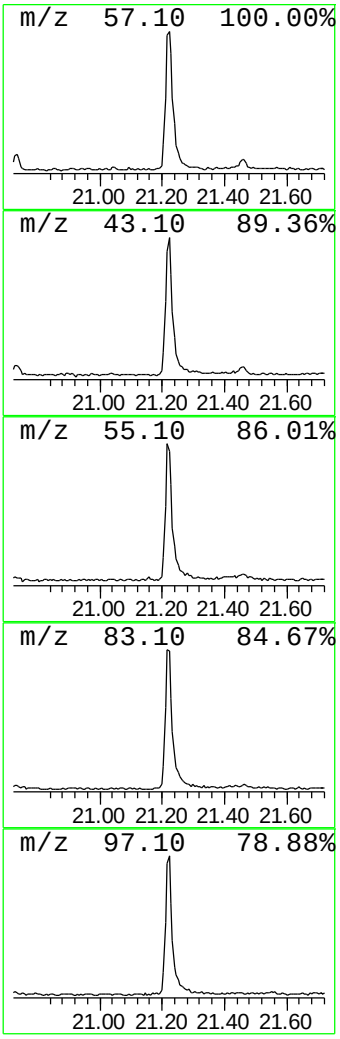
****

Peak Number 23 (DEL) Alkane: Cyclic21.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.60 ng/ul	822514	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Sample : L3633-14
Misc :
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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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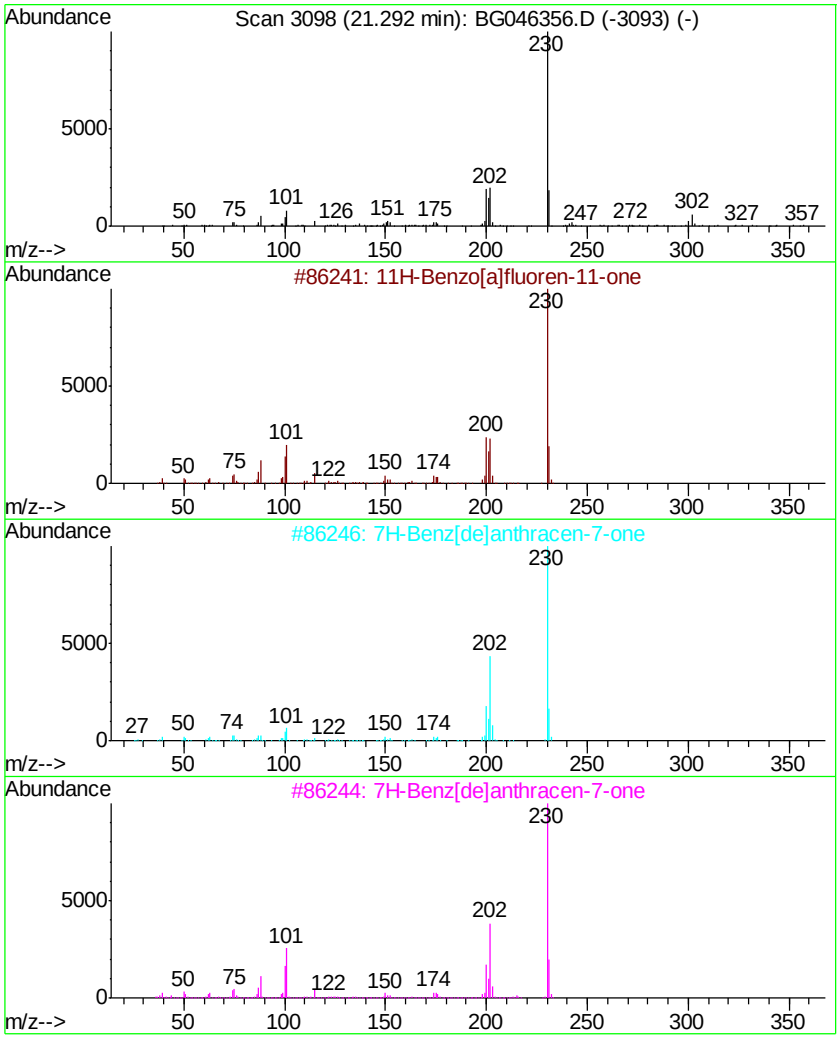
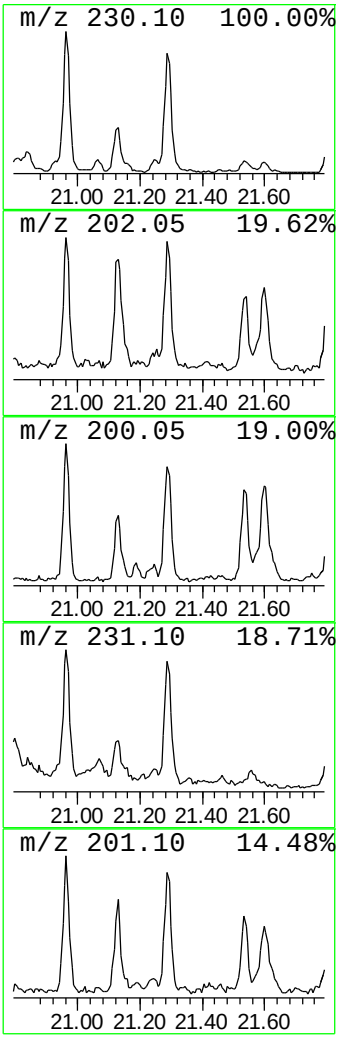
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.05 ng/ul	255181	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	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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Instrument : BNA_G
ClientSampleId : BFME2

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Quant Title : SVOA CALIBRATION

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

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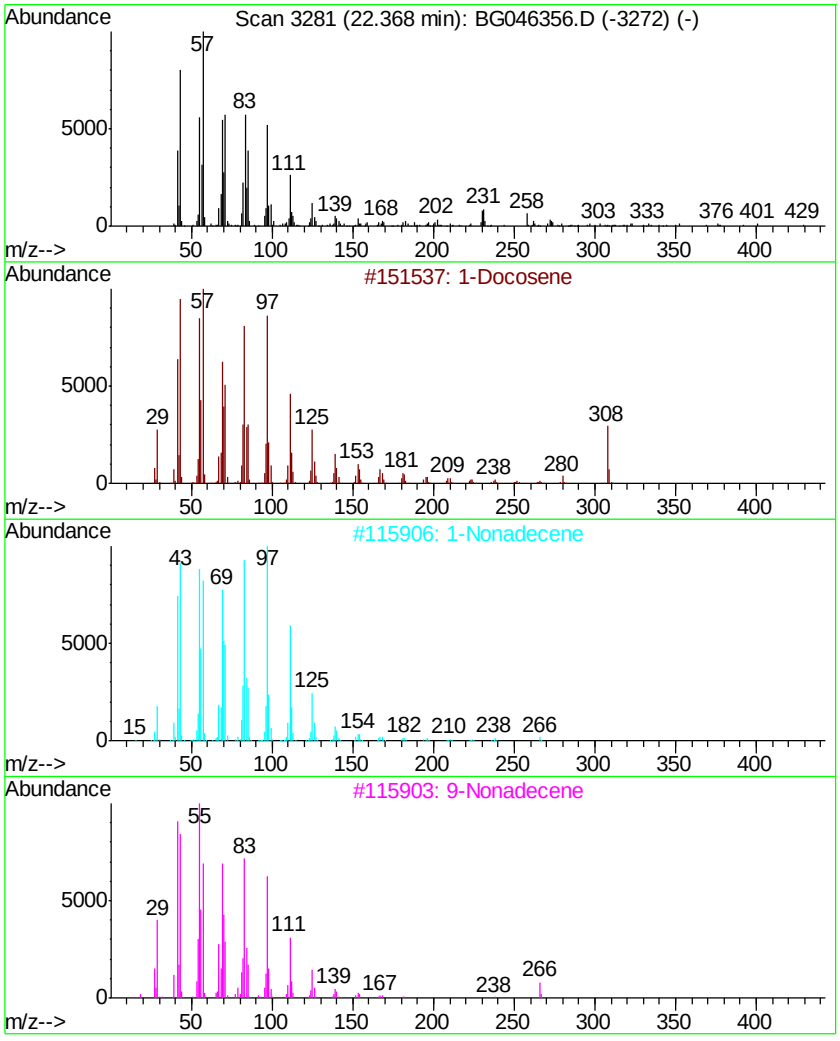
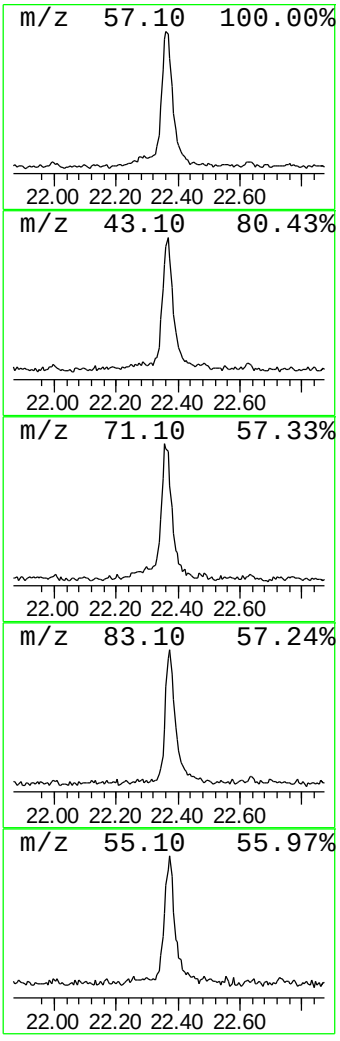
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.36 ng/ul	419096	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	9-Nonadecene	266	C19H38	031035-07-1	83
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
5	Cyclopentadecane	210	C15H30	000295-48-7	81





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Quant Title : SVOA CALIBRATION

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

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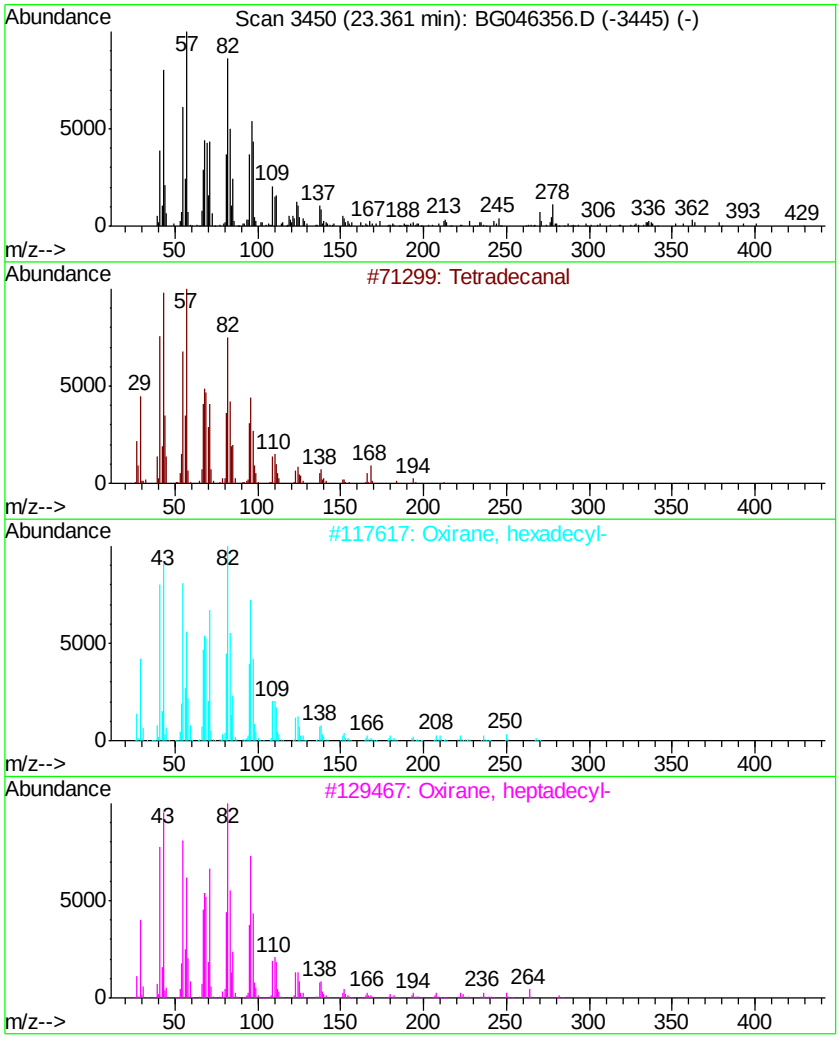
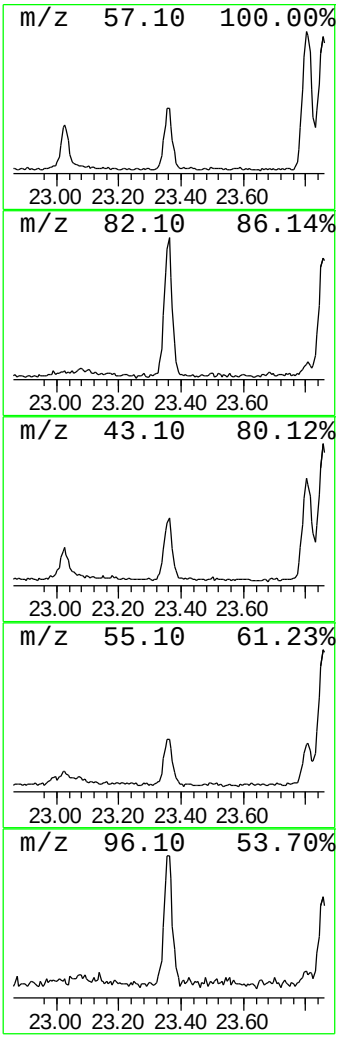
Peak Number 26 Tetradecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	5.46 ng/ul	354613	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Octadecanal	268	C18H36O	000638-66-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

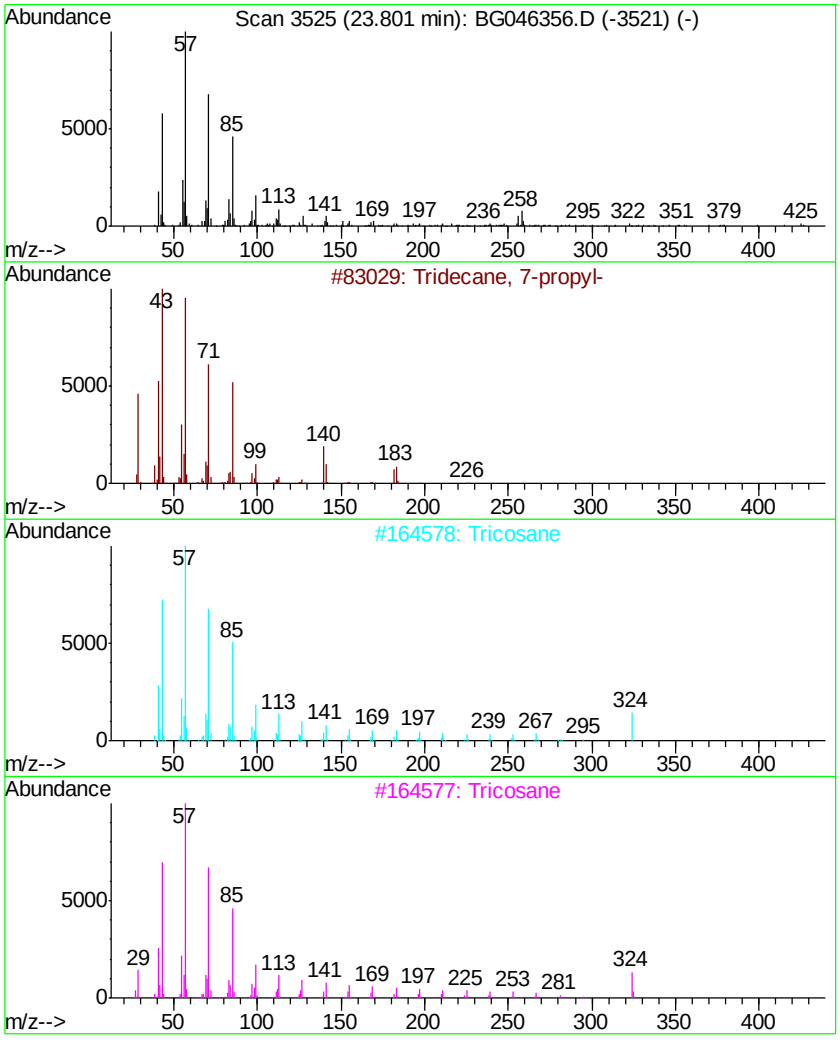
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

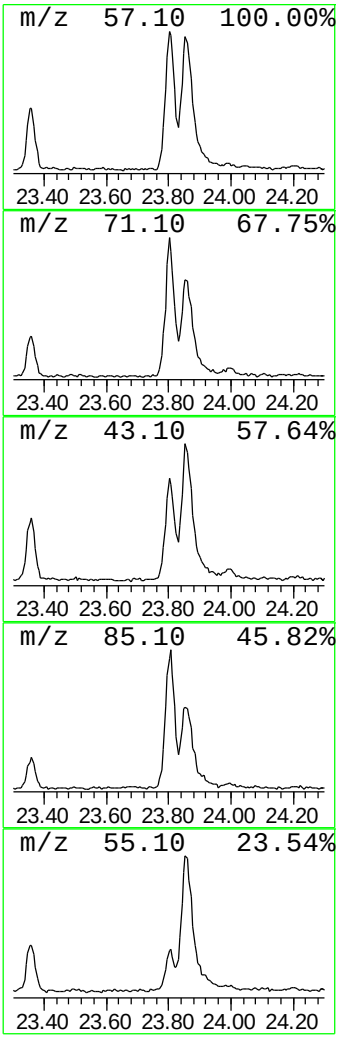
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.78 ng/ul	245527	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Tricosane	324	C23H48	000638-67-5	91
3	Tricosane	324	C23H48	000638-67-5	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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

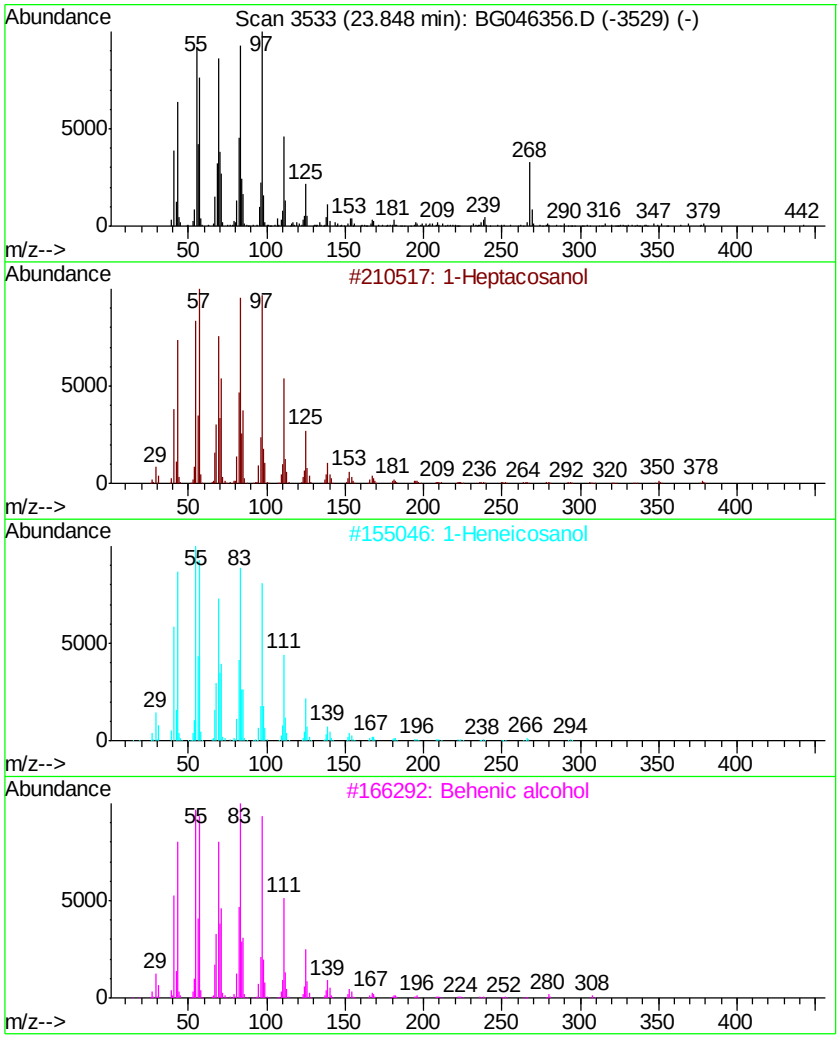
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

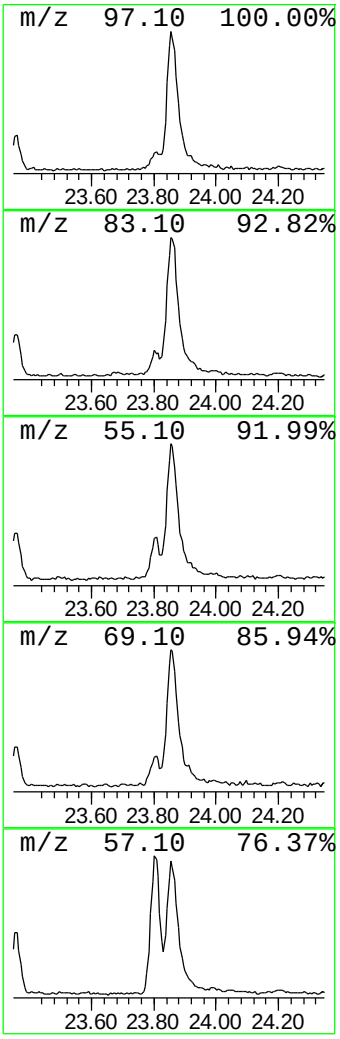
****

Peak Number 28 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	9.21 ng/ul	598282	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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

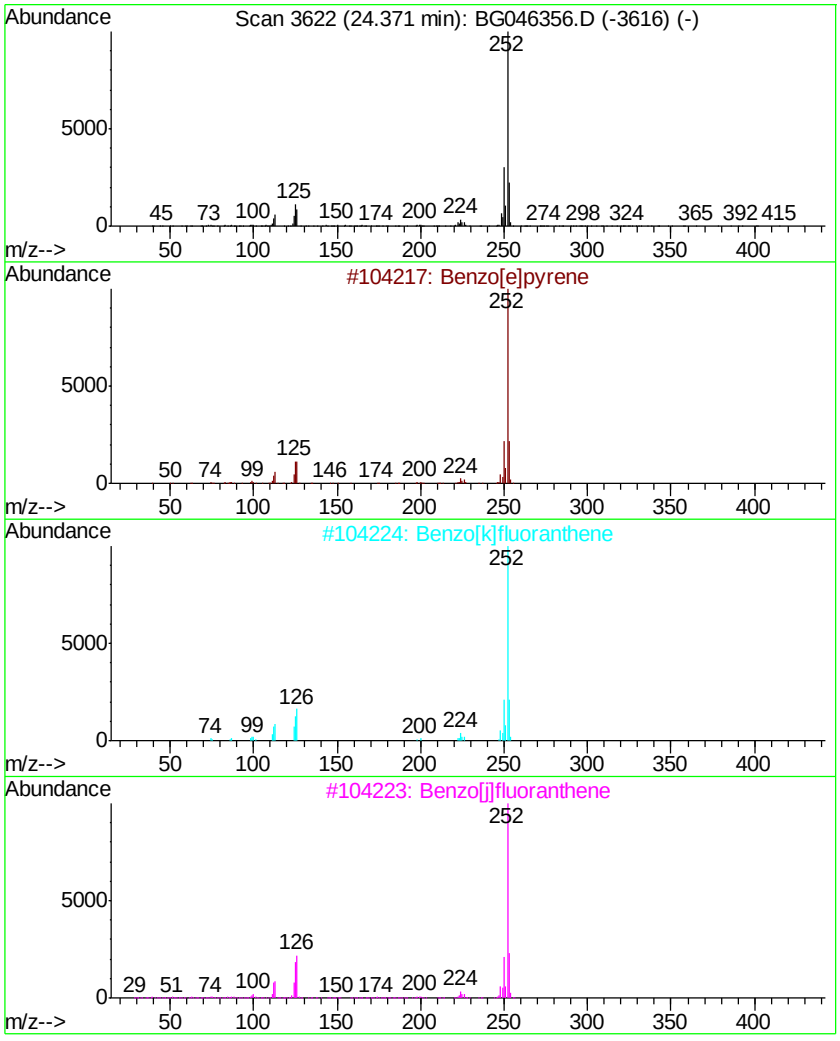
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

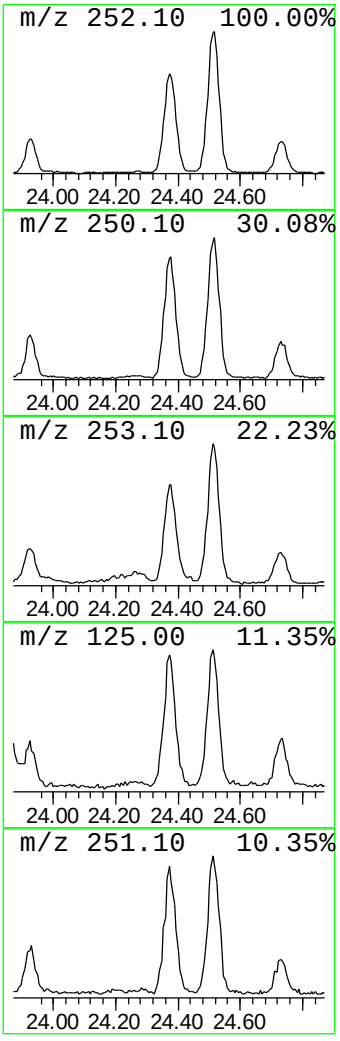
****

Peak Number 29 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	8.20 ng/ul	532846	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

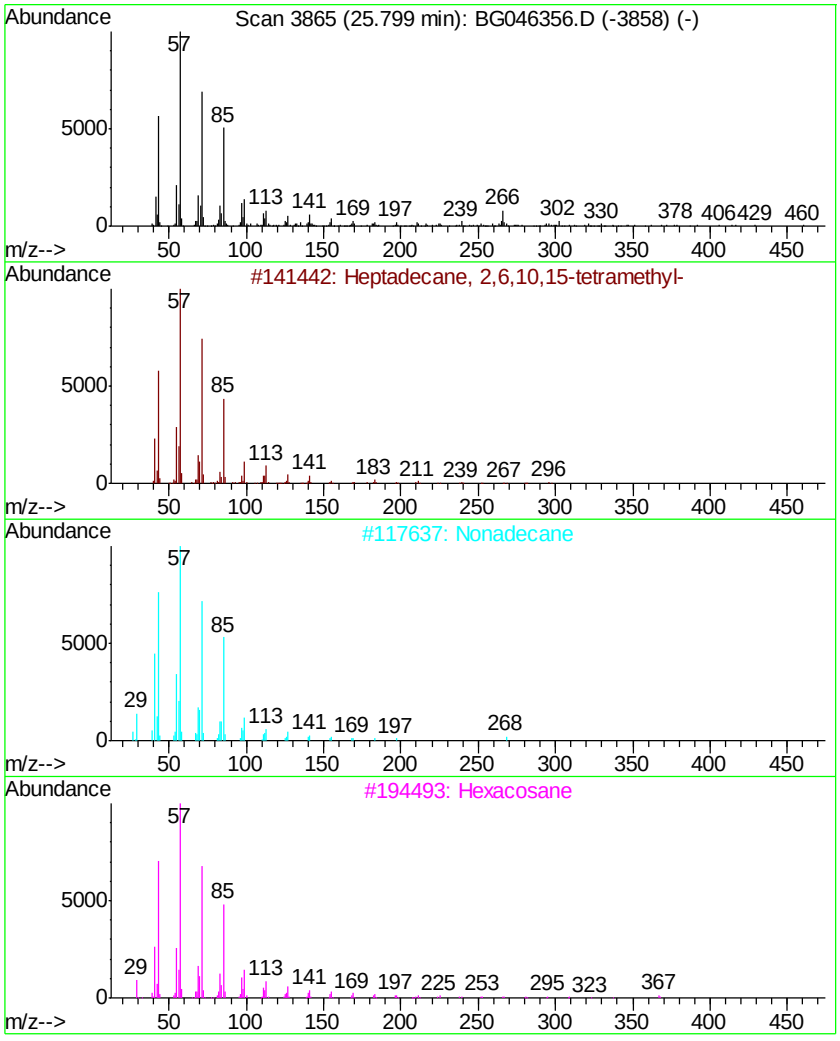
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

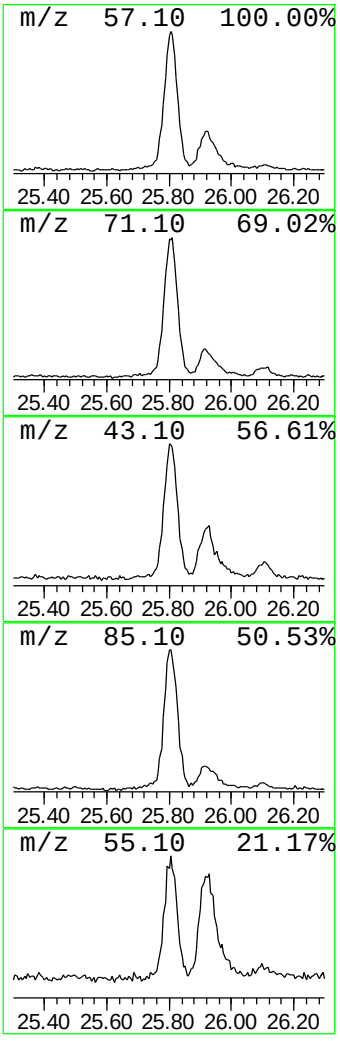
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	8.16 ng/ul	530179	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Tricosane	324	C23H48	000638-67-5	91
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME2

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	95.1	ng/ul	2067890	1	7.94	434815	20.0
unknown-01	3.92	2.3	ng/ul	50592	1	7.94	434815	20.0
4H-Imidazol-4-one...	7.10	15.9	ng/ul	345429	1	7.94	434815	20.0
unknown-02	7.27	12.6	ng/ul	273976	1	7.94	434815	20.0
unknown-03	7.47	16.9	ng/ul	366789	1	7.94	434815	20.0
Silane, dichlorom...	8.64	18.8	ng/ul	408527	1	7.94	434815	20.0
1H-Imidazole, 4-m...	9.09	16.3	ng/ul	354204	1	7.94	434815	20.0
unknown-04	9.81	8.9	ng/ul	289959	2	10.73	653429	20.0
unknown-05	10.86	7.7	ng/ul	250262	2	10.73	653429	20.0
unknown-06	13.97	15.6	ng/ul	751086	3	14.56	963017	20.0
Dimethyl phthalate	14.02	4.4	ng/ul	211607	3	14.56	963017	20.0
unknown-07	14.76	3.9	ng/ul	187169	3	14.56	963017	20.0
unknown-08	15.68	5.1	ng/ul	247334	3	14.56	963017	20.0
Phenanthrene, 2-m...	18.18	2.8	ng/ul	168639	4	17.31	1225260	20.0
1H-Indene, 2-phenyl-	18.23	5.7	ng/ul	350865	4	17.31	1225260	20.0
Benzaldehyde, 3,5...	18.38	4.6	ng/ul	280681	4	17.31	1225260	20.0
Naphthalene, 2-ph...	18.68	2.4	ng/ul	145120	4	17.31	1225260	20.0
9,10-Anthracenedione	18.72	2.4	ng/ul	147404	4	17.31	1225260	20.0
Phenanthrene, 2,5...	19.10	2.4	ng/ul	144936	4	17.31	1225260	20.0
Cyclopenta(def)ph...	19.24	2.5	ng/ul	156380	4	17.31	1225260	20.0
Fluoranthene, 2-m...	20.05	2.2	ng/ul	273206	5	21.56	2493570	20.0
11H-Benzo[a]fluorene	20.21	2.4	ng/ul	304406	5	21.56	2493570	20.0
(DEL) Alkane: Cyc...	21.22	6.6	ng/ul	822514	5	21.56	2493570	20.0
11H-Benzo[a]fluor...	21.29	2.0	ng/ul	255181	5	21.56	2493570	20.0
(DEL) Alkane: Str...	22.37	3.4	ng/ul	419096	5	21.56	2493570	20.0
Tetradecanal	23.36	5.5	ng/ul	354613	6	24.66	1299350	20.0
(DEL) Alkane: Str...	23.80	3.8	ng/ul	245527	6	24.66	1299350	20.0
1-Heptacosanol	23.85	9.2	ng/ul	598282	6	24.66	1299350	20.0
Benzo[e]pyrene	24.37	8.2	ng/ul	532846	6	24.66	1299350	20.0
(DEL) Alkane: Str...	25.80	8.2	ng/ul	530179	6	24.66	1299350	20.0