LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046362.D
Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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	3.144	4	9	30	rVB	1338867	2339447	76.52%	5.598%
2	3.402	49	53	60	rVB	18204	30436	1.00%	0.073%
3	3.919	136	141	146	rVV	17690	27233	0.89%	0.065%
4	4.054	159	164	170	rVB	11985	20459	0.67%	0.049%
5	7.104	676	683	697	rBV	319963	564129	18.45%	1.350%
6	7.262	703	710	725	rVB	261313	441840	14.45%	1.057%
7	7.474	739	746	754	rBV	344340	587165	19.21%	1.405%
8	7.550	754	759	771	rVB5	7054	22829	0.75%	0.055%
9	7.938	817	825	834	rBV	339774	579103	18.94%	1.386%
10	8.643	938	945	960	rBV2	380614	667999	21.85%	1.598%
11	9.090	1014	1021	1034	rBV	312978	551610	18.04%	1.320%
12	9.812	1136	1144	1154	rBV	259048	467048	15.28%	1.118%
13	10.359	1228	1237	1251	rBV	413028	760316	24.87%	1.819%
14	10.735	1293	1301	1308	rBV	480211	851223	27.84%	2.037%
15	10.864	1315	1323	1344	rBV	330176	634589	20.76%	1.519%
16	13.972	1844	1852	1856	rVV	773116	1124549	36.78%	2.691%
17	14.013	1856	1859	1867	rVB	111922	163057	5.33%	0.390%
18	14.260	1893	1901	1918	rBV	905657	1488772	48.70%	3.563%
19	14.566	1945	1953	1960	rBV	814845	1250562	40.91%	2.993%
20	14.630	1960	1964	1972	rVB	31954	50620	1.66%	0.121%
21	14.759	1980	1986	2003	rBV	234665	443976	14.52%	1.062%
22	14.965	2016	2021	2029	rVV2	24597	45640	1.49%	0.109%
23	15.559	2115	2122	2128	rBV	1238772	1884910	61.66%	4.510%
24	15.611	2128	2131	2136	rVB2	36652	49583	1.62%	0.119%
25	15.676	2136	2142	2150	rBV	311762	490059	16.03%	1.173%
26	15.799	2156	2163	2167	rBV2	13493	25714	0.84%	0.062%
27	15.911	2177	2182	2192	rVB	16145	27285	0.89%	0.065%
28	16.052	2201	2206	2214	rVB	17897	36819	1.20%	0.088%
29	16.598	2289	2299	2300	rBV6	8629	18292	0.60%	0.044%
30	16.622	2300	2303	2307	rVV4	11429	19349	0.63%	0.046%
31	16.851	2333	2342	2345	rBV4	16802	31632	1.03%	0.076%
32	16.886	2345	2348	2353	rVV3	14232	19979	0.65%	0.048%
33	16.963	2356	2361	2368	rVB	39648	61641	2.02%	0.148%
34	17.045	2370	2375	2376	rBV2	15255	19169	0.63%	0.046%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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	17.063	2376	2378	2382	rVV4	11635	17893	0.59%	0.043%
36	17.127	2385	2389	2393	rVB	25120	33180	1.09%	0.079%
37	17.309	2413	2420	2424	rBV	1024253	1629496	53.30%	3.899%
38	17.351	2424	2427	2431	rVV	557059	750600	24.55%	1.796%
39	17.409	2431	2437	2449	rVV	1327895	2121840	69.41%	5.077%
40	17.497	2449	2452	2458	rVV3	21037	32586	1.07%	0.078%
41	17.703	2478	2487	2492	rBV2	41343	88230	2.89%	0.211%
42	17.750	2492	2495	2499	rVV5	9416	16349	0.53%	0.039%
43	17.826	2503	2508	2513	rVV3	18475	29289	0.96%	0.070%
44	17.891	2515	2519	2528	rVB5	19989	29098	0.95%	0.070%
45	18.185	2560	2569	2573	rBV	95460	162045	5.30%	0.388%
46	18.232	2573	2577	2587	rVB	132121	198879	6.51%	0.476%
47	18.314	2587	2591	2595	rVB	32755	42137	1.38%	0.101%
48	18.379	2596	2602	2606	rBV2	116893	225129	7.36%	0.539%
49	18.414	2606	2608	2614	rVB	72056	91960	3.01%	0.220%
50	18.496	2615	2622	2624	rBV6	10475	20134	0.66%	0.048%
51	18.531	2624	2628	2632	rVV6	16123	26387	0.86%	0.063%
52	18.684	2648	2654	2657	rBV	81590	125237	4.10%	0.300%
53	18.720	2657	2660	2667	rVV	87112	118984	3.89%	0.285%
54	18.931	2692	2696	2700	rVB2	29794	35291	1.15%	0.084%
55	18.978	2701	2704	2708	rBV	21697	24633	0.81%	0.059%
56	19.019	2708	2711	2715	rVB3	27061	35752	1.17%	0.086%
57	19.101	2719	2725	2729	rBV3	86897	152550	4.99%	0.365%
58	19.160	2729	2735	2738	rBV5	31031	59771	1.96%	0.143%
59	19.190	2738	2740	2743	rVB	22479	24610	0.80%	0.059%
60	19.237	2743	2748	2756	rVB	72171	128558	4.21%	0.308%
61	19.360	2760	2769	2776	rVB	1011955	1415474	46.30%	3.387%
62	19.425	2776	2780	2782	rBV2	22268	30679	1.00%	0.073%
63	19.460	2782	2786	2791	rVB2	31391	48723	1.59%	0.117%
64	19.507	2791	2794	2797	rBV2	30734	42685	1.40%	0.102%
65	19.554	2798	2802	2805	rBV3	31093	51989	1.70%	0.124%
66	19.601	2808	2810	2813	rVB	20971	20451	0.67%	0.049%
67	19.695	2820	2826	2829	rBV	1903250	3057178	100.00%	7.316%
68	19.724	2829	2831	2838	rVV	923812	1003991	32.84%	2.402%
69	19.795	2838	2843	2848	rVV2	50536	84530	2.76%	0.202%
70	19.900	2855	2861	2866	rBV	54794	97670	3.19%	0.234%
71	19.953	2867	2870	2876	rVB2	47741	77213	2.53%	0.185%

LSC Area Percent Report

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Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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

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Peak separation: 5

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

72	20.041	2879	2885	2892	rBV3	88695	232956	7.62%	0.557%
73	20.141	2897	2902	2903	rBV4	17724	25816	0.84%	0.062%
74	20.177	2904	2908	2910	rVV2	61853	99337	3.25%	0.238%
75	20.212	2911	2914	2918	rVB	130964	176570	5.78%	0.423%
76	20.312	2927	2931	2935	rBV2	67140	92261	3.02%	0.221%
77	20.371	2935	2941	2945	rVV2	116000	196033	6.41%	0.469%
78	20.453	2951	2955	2959	rBV3	28107	40334	1.32%	0.097%
79	20.512	2961	2965	2968	rVV	77214	97121	3.18%	0.232%
80	20.559	2968	2973	2979	rVV2	83688	139751	4.57%	0.334%
81	20.770	3005	3009	3011	rBV4	23832	34117	1.12%	0.082%
82	20.964	3038	3042	3050	rVB	115761	185977	6.08%	0.445%
83	21.146	3066	3073	3076	rBV2	73945	170771	5.59%	0.409%
84	21.187	3076	3080	3083	rVV	102167	152014	4.97%	0.364%
85	21.222	3083	3086	3093	rVV3	243118	465722	15.23%	1.114%
86	21.287	3093	3097	3106	rVB2	111101	208836	6.83%	0.500%
87	21.557	3134	3143	3147	rBV2	1305946	2759192	90.25%	6.603%
88	21.598	3147	3150	3161	rVB	439897	733065	23.98%	1.754%
89	21.757	3173	3177	3182	rBV3	47277	104362	3.41%	0.250%
90	21.951	3205	3210	3216	rBV3	52875	108321	3.54%	0.259%
91	22.262	3261	3263	3268	rVB	92017	131565	4.30%	0.315%
92	22.339	3272	3276	3285	rVB4	68130	169197	5.53%	0.405%
93	23.684	3497	3505	3512	rBV	312401	1025233	33.54%	2.453%
94	23.802	3521	3525	3530	rVB	64661	102242	3.34%	0.245%
95	24.372	3616	3622	3627	rBV	162447	393447	12.87%	0.941%
96	24.454	3627	3636	3642	rVV	940308	2511675	82.16%	6.010%
97	24.513	3642	3646	3659	rVB	292324	719931	23.55%	1.723%
98	24.665	3662	3672	3679	rBV2	701271	2000102	65.42%	4.786%
99	25.805	3860	3866	3877	rVB3	104622	274244	8.97%	0.656%
100	28.161	4259	4267	4290	rVB2	102962	491144	16.07%	1.175%

Sum of corrected areas: 41789571

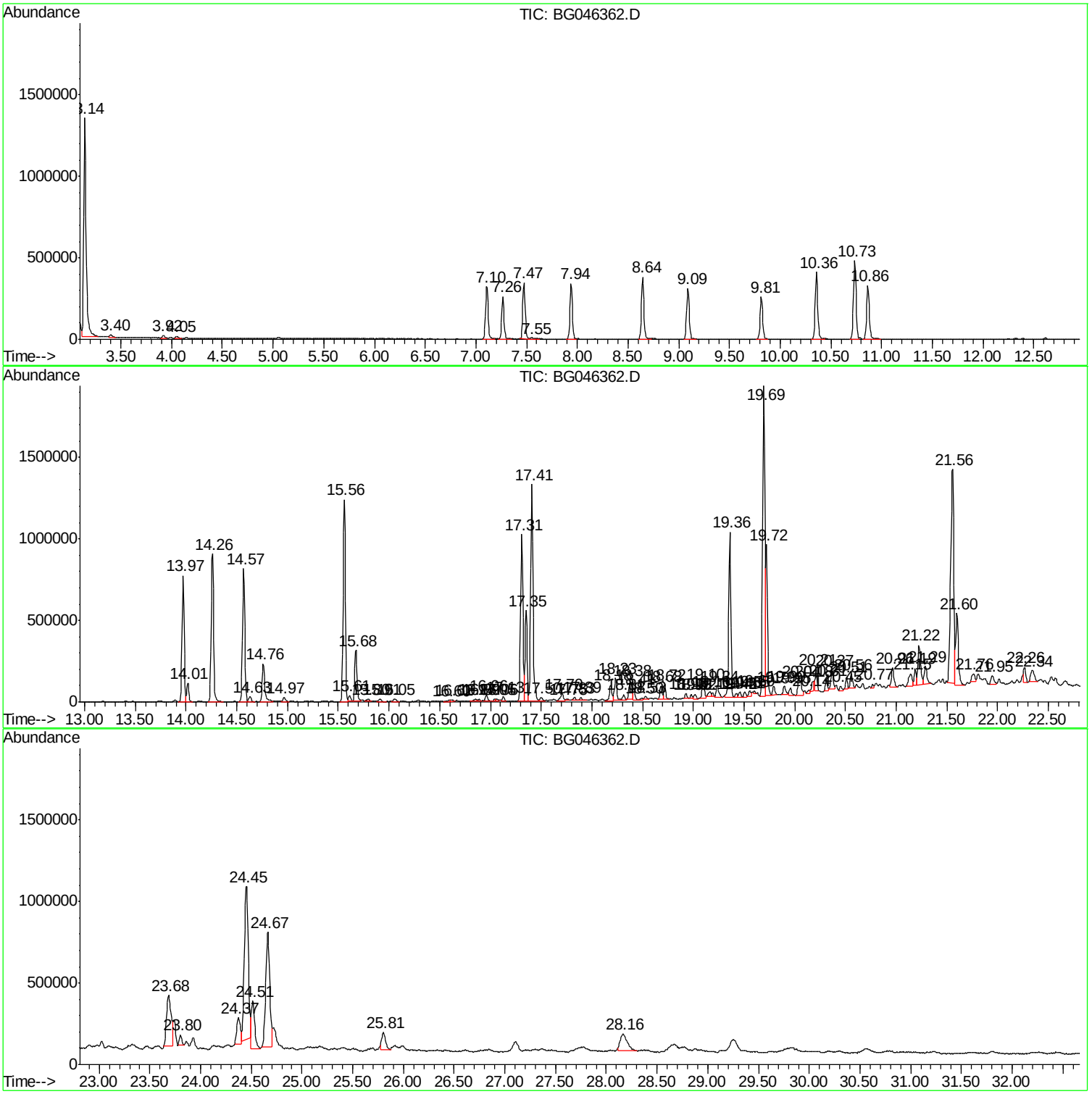
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046362.D
Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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\
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Acq On : 20 Aug 2020 2:48
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Instrument : BNA_G
ClientSampleId : BFME7

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Quant Title : SVOA CALIBRATION

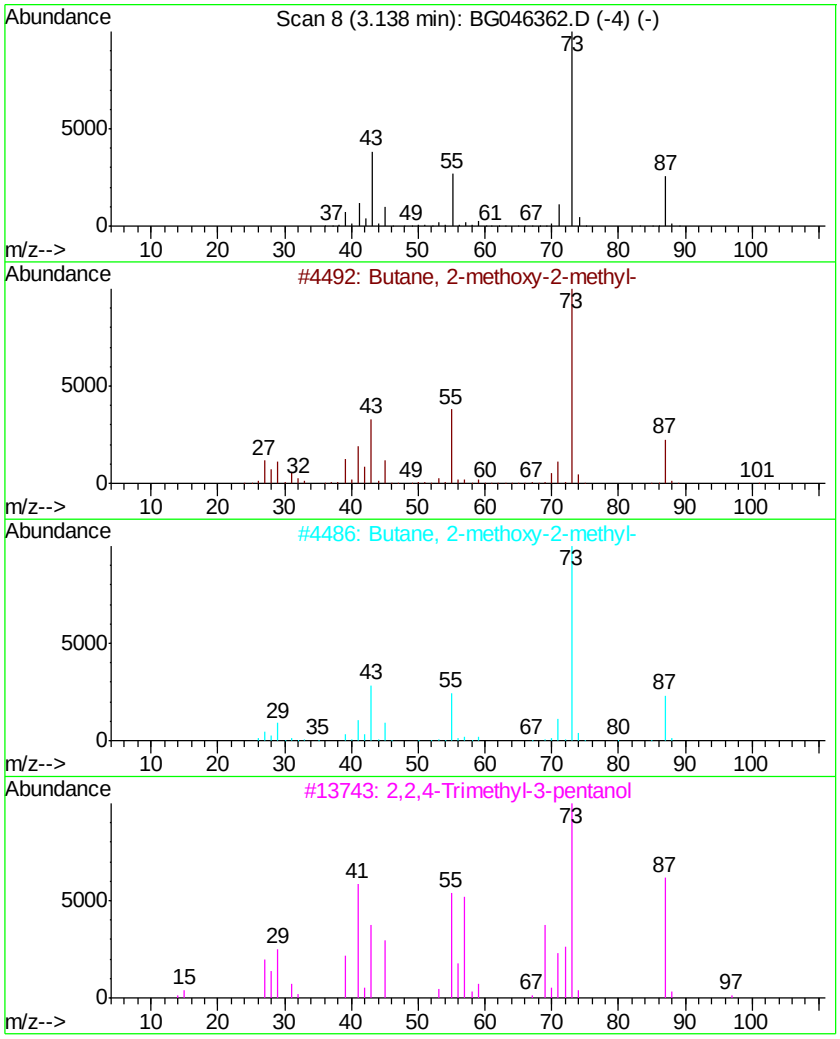
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

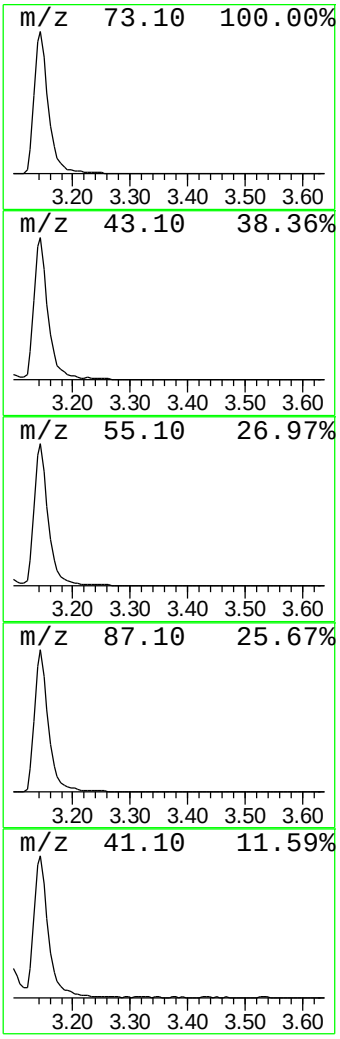
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	80.80 ng/ul	2339450	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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

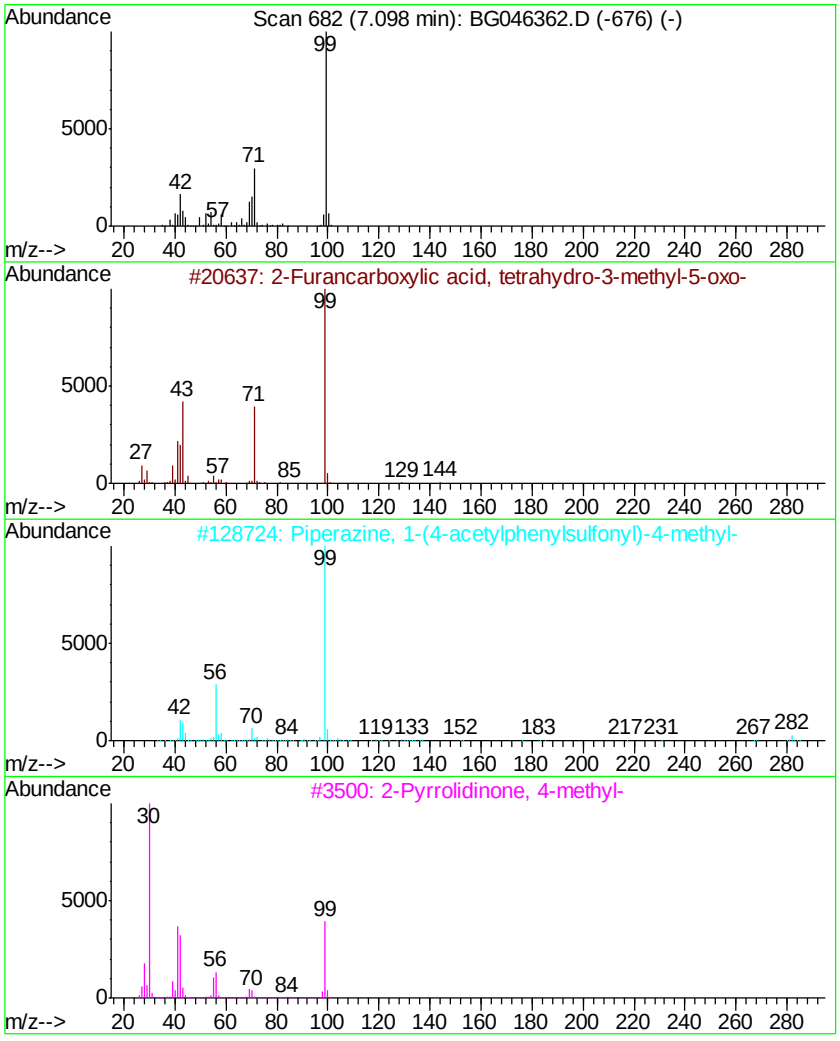
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

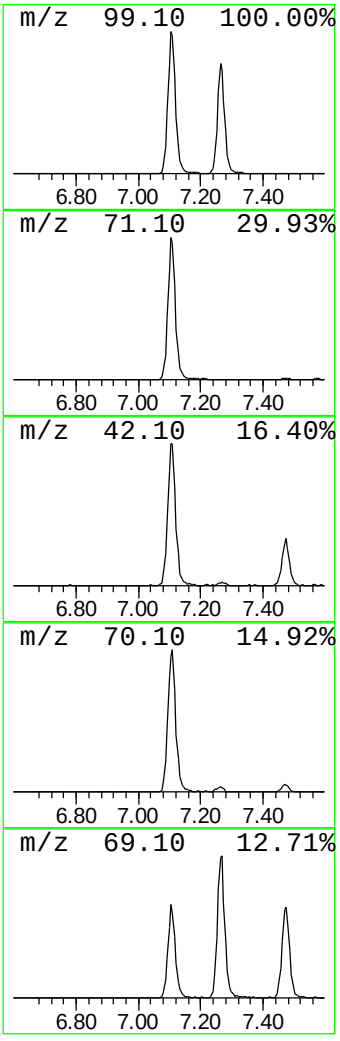
****

Peak Number 2 2-Furancarboxylic acid, tet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.48 ng/ul	564129	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
2	Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	53
3	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53
4	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	45
5	Phenol-d6-	100	C6D6O	013127-88-3	40





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Instrument : BNA_G
ClientSampleId : BFME7

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

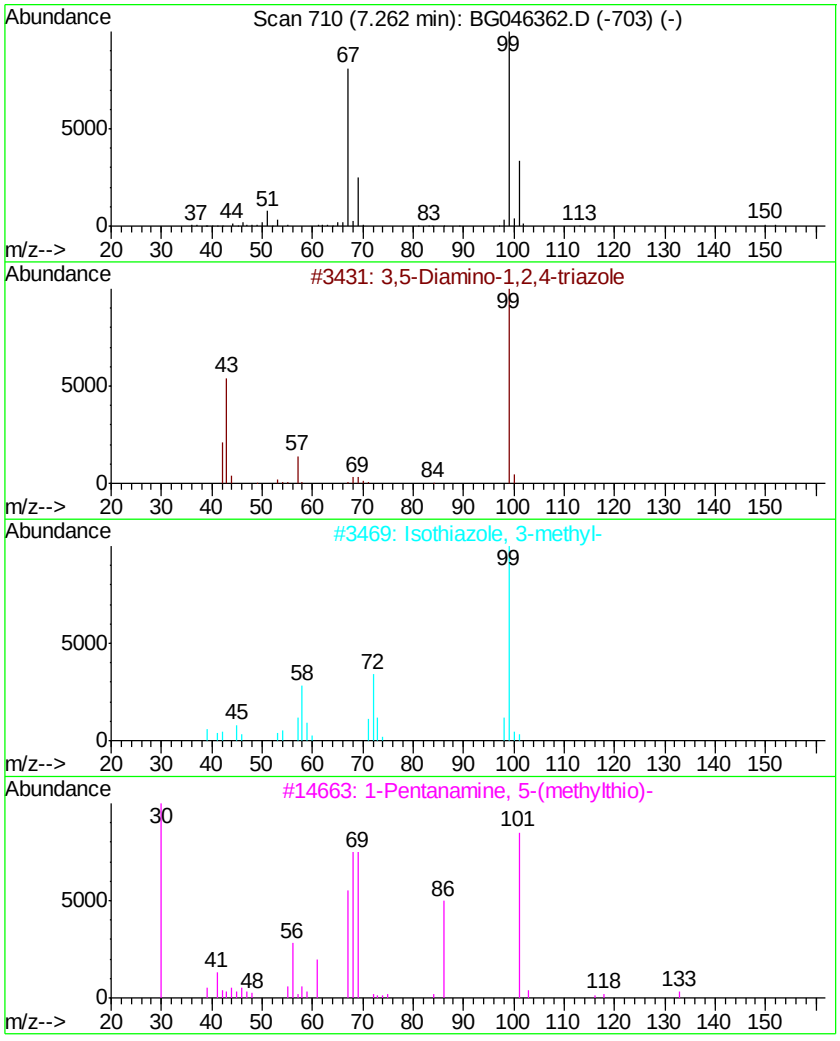
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

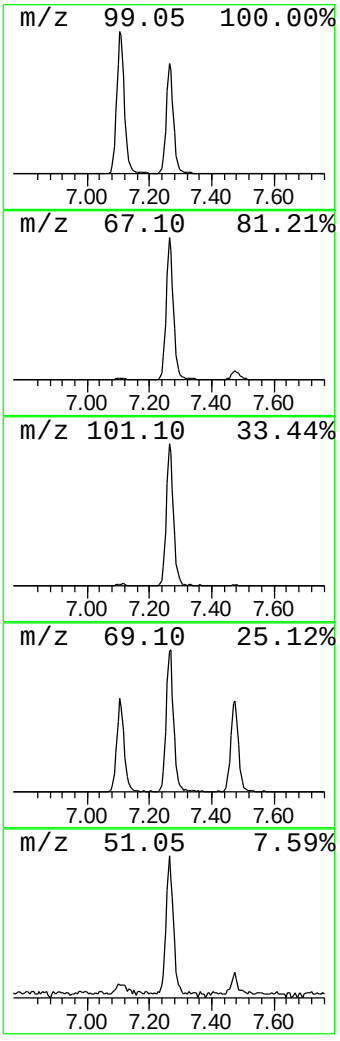
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	15.26 ng/ul	441840	1,4-Dichlorobenzene-d4	7.94

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046362.D
Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
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Instrument : BNA_G
ClientSampleId : BFME7

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

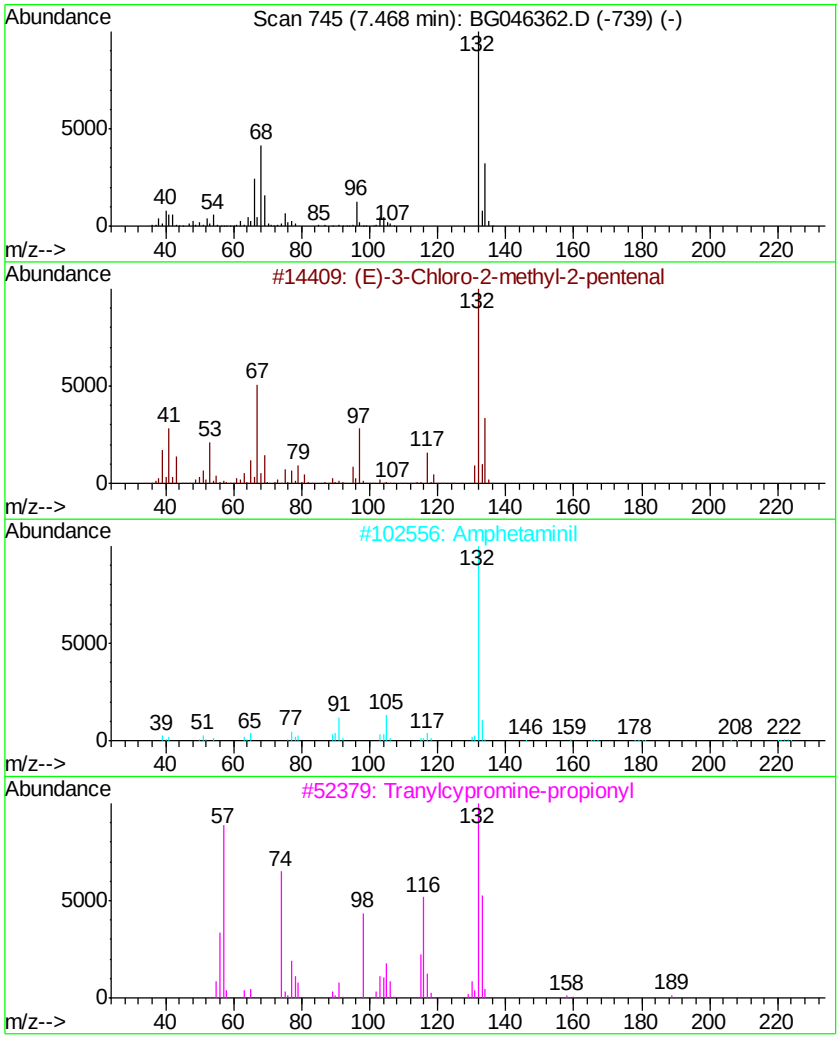
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

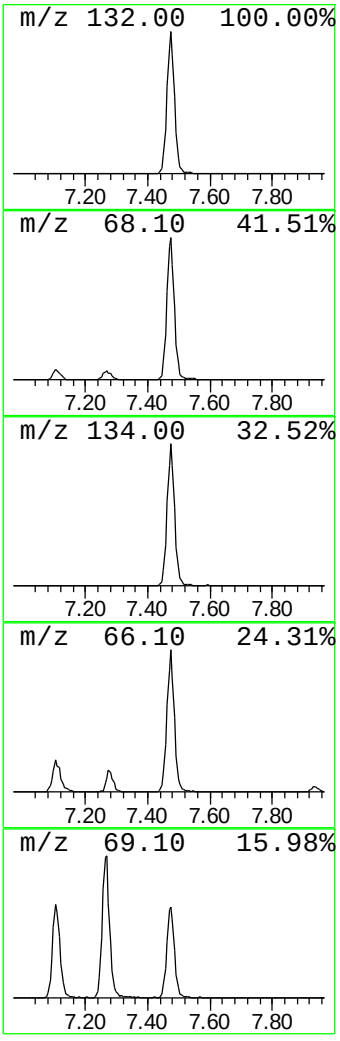
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	20.28 ng/ul	587165	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Data File : BG046362.D
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Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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

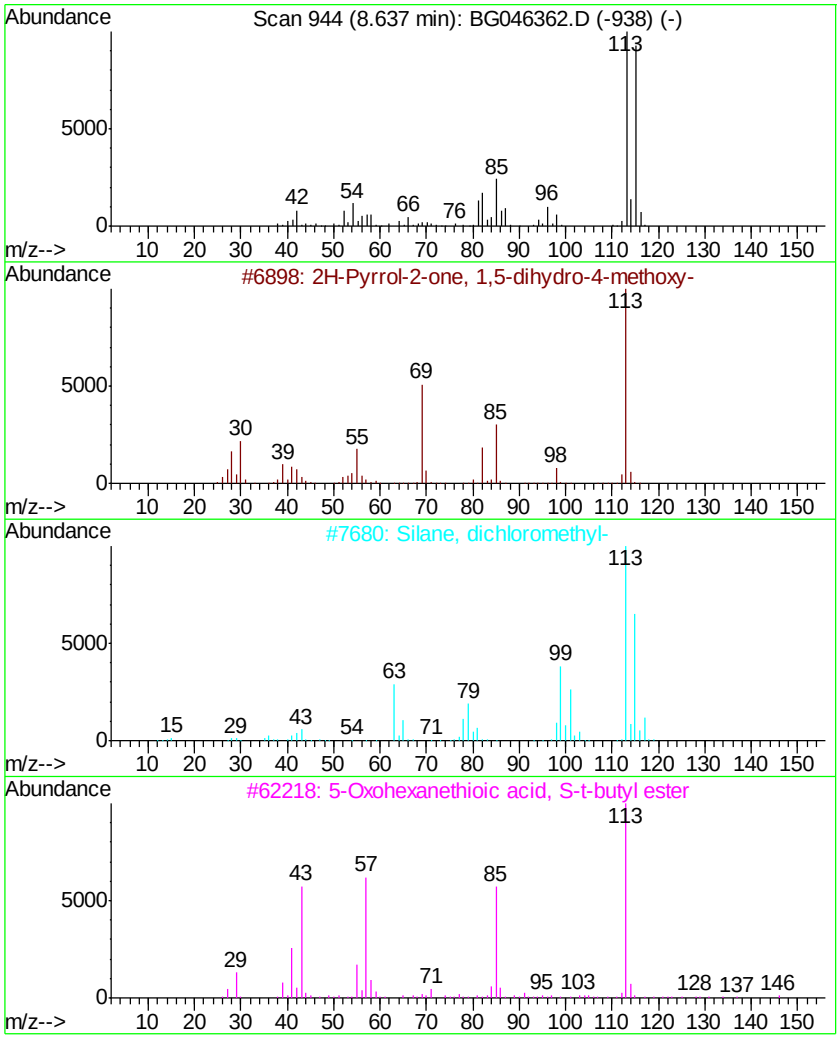
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

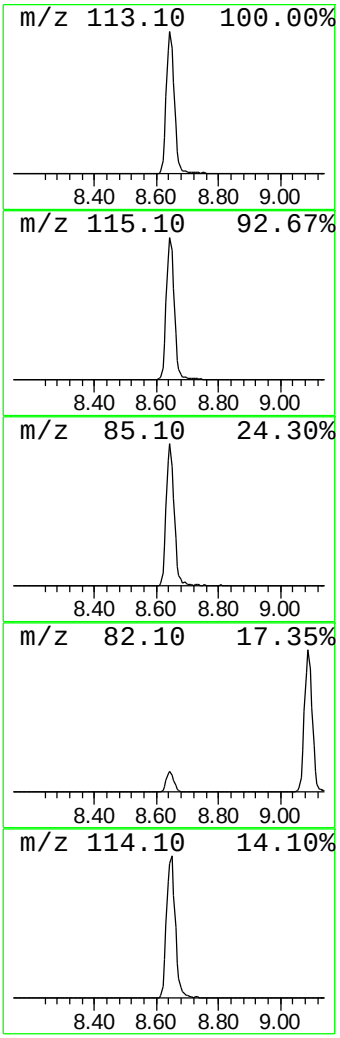
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	23.07 ng/ul	667999	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	38
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	5-Oxohexanethioic acid, S-t-butv...	202	C10H18O2S	1000194-60-8	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
5	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	25





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Operator : CG/JU
Sample : L3633-19
Misc :
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Instrument : BNA_G
ClientSampleId : BFME7

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Quant Title : SVOA CALIBRATION

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

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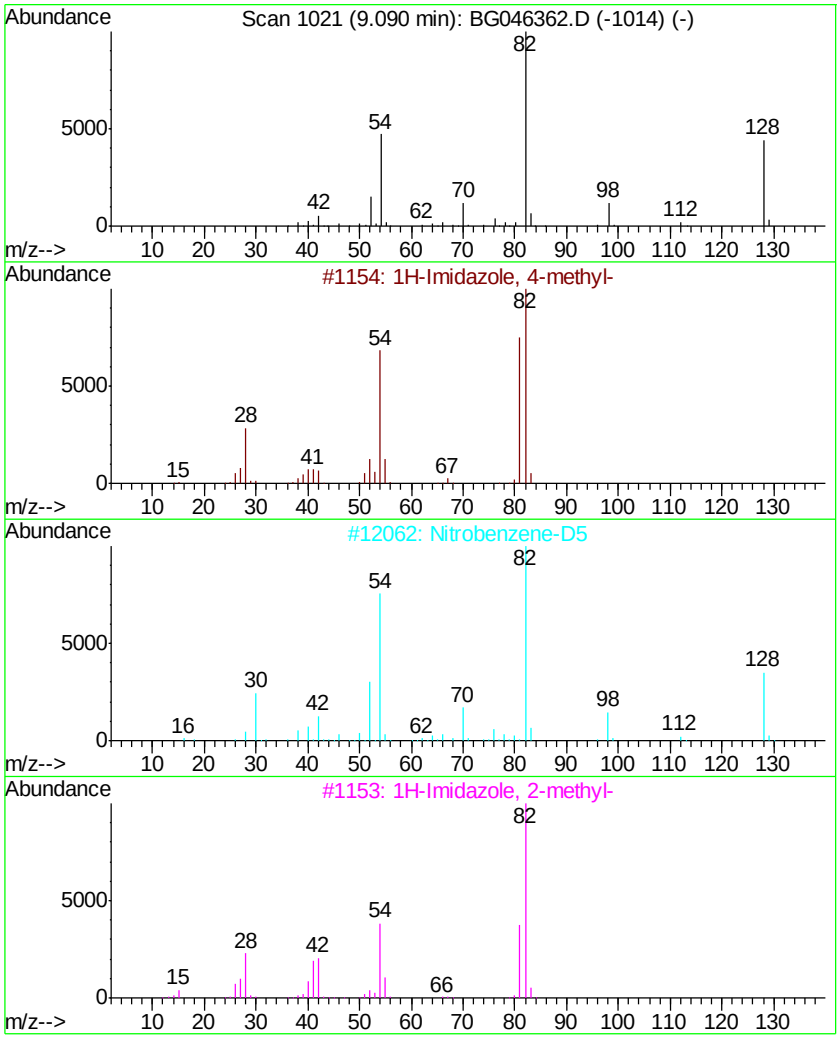
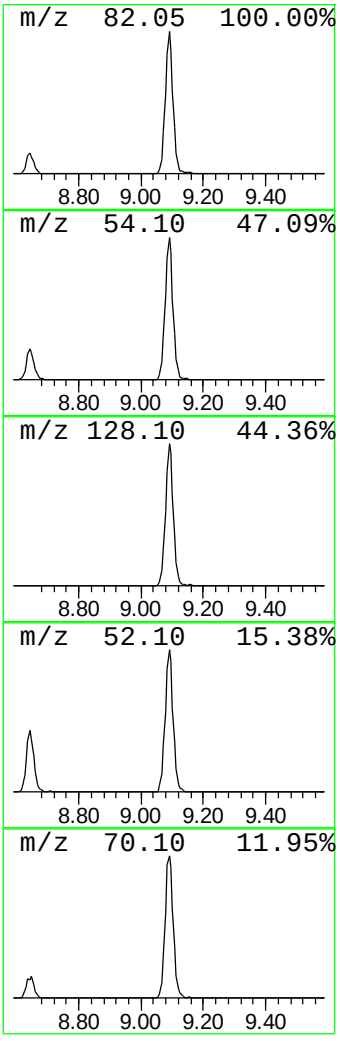
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	19.05 ng/ul	551610	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	25





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Instrument : BNA_G
ClientSampleId : BFME7

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Quant Title : SVOA CALIBRATION

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

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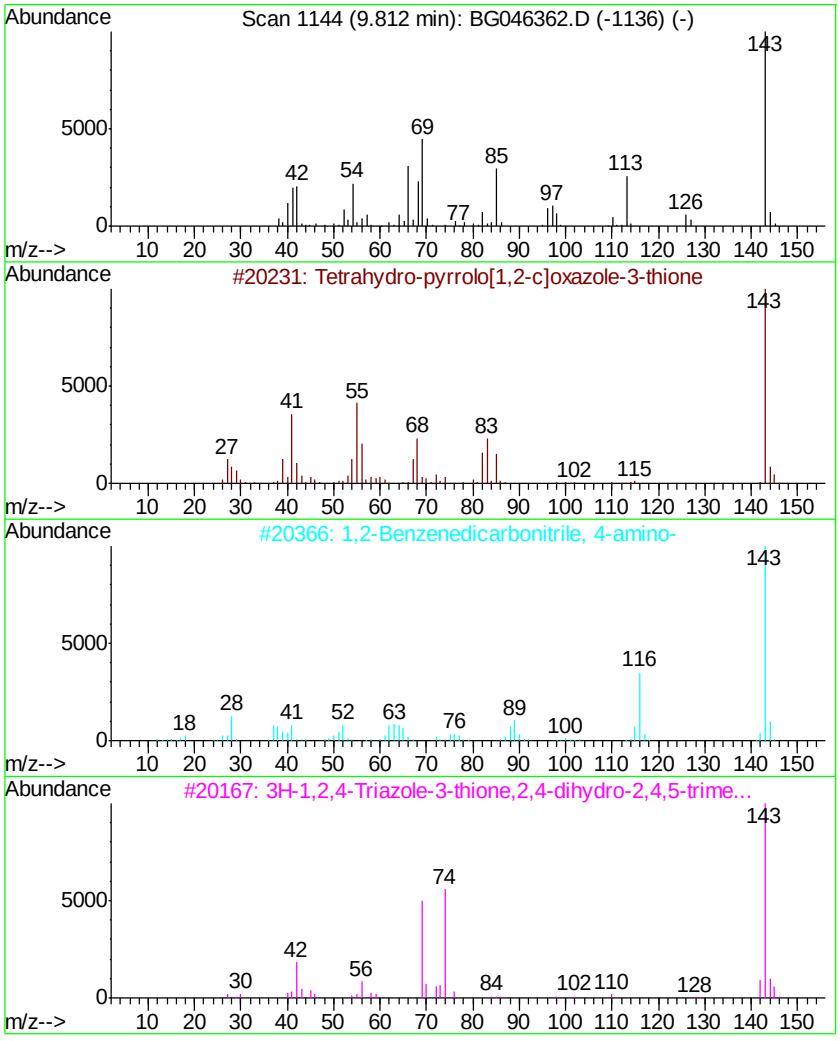
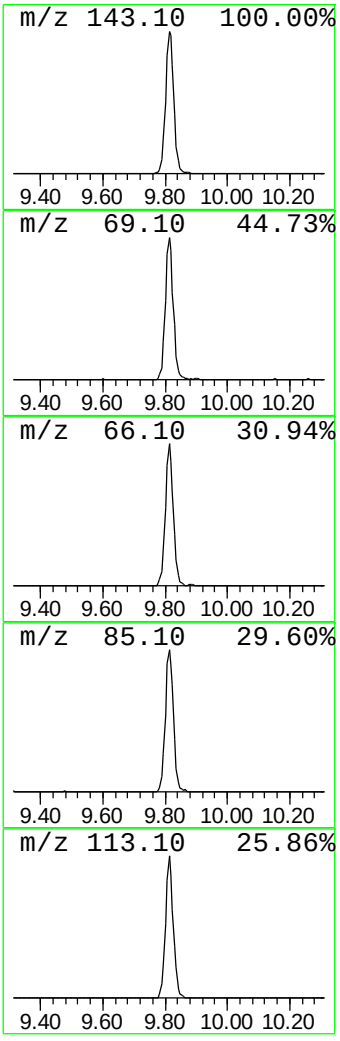
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	10.97 ng/ul	467048	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
3	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12





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Quant Title : SVOA CALIBRATION

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

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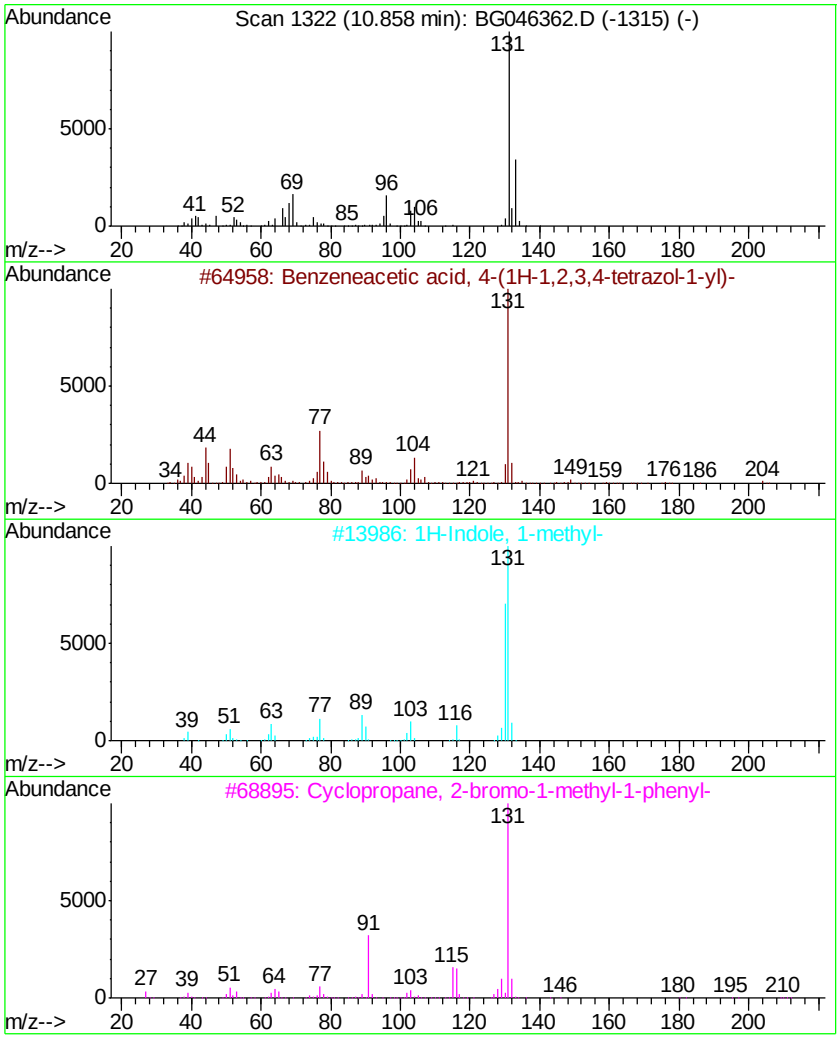
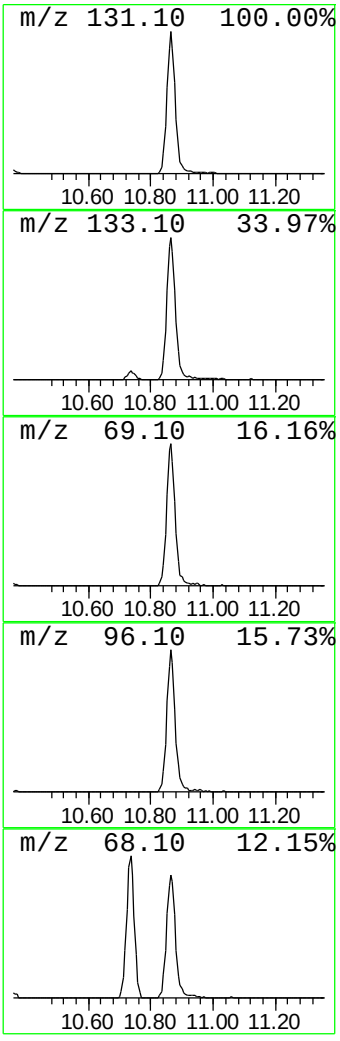
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	14.91 ng/ul	634589	Naphthalene-d8	10.73

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	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28
4	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9





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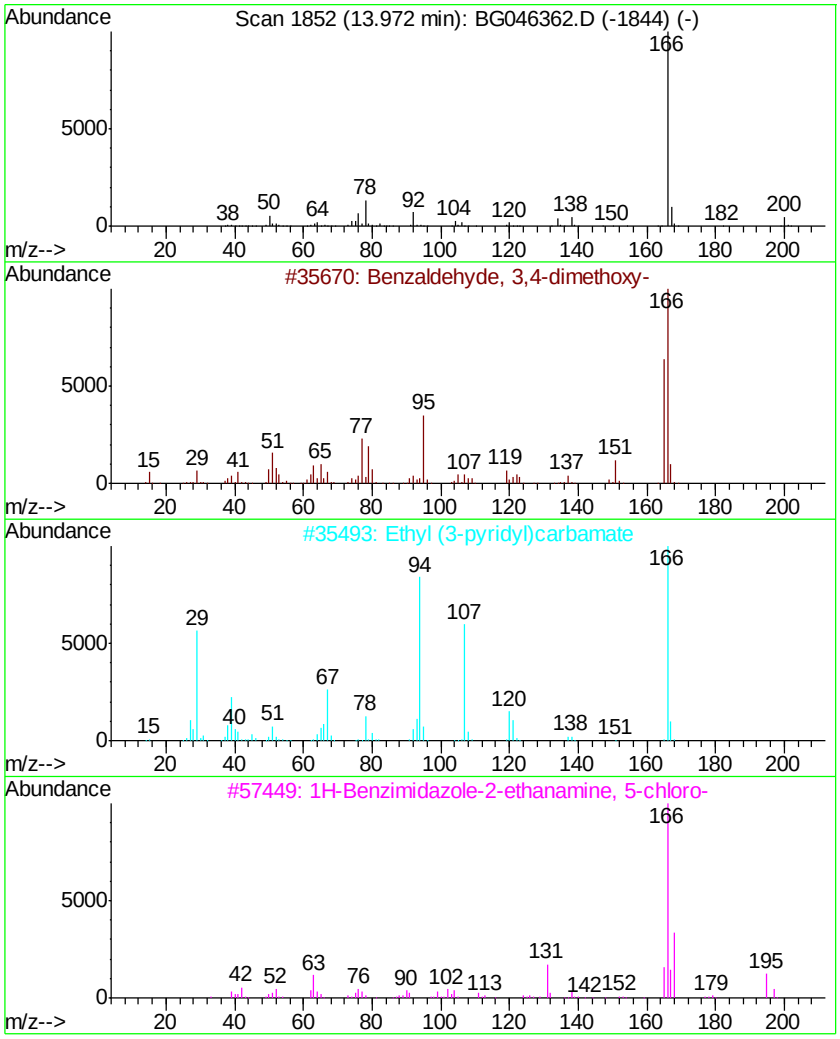
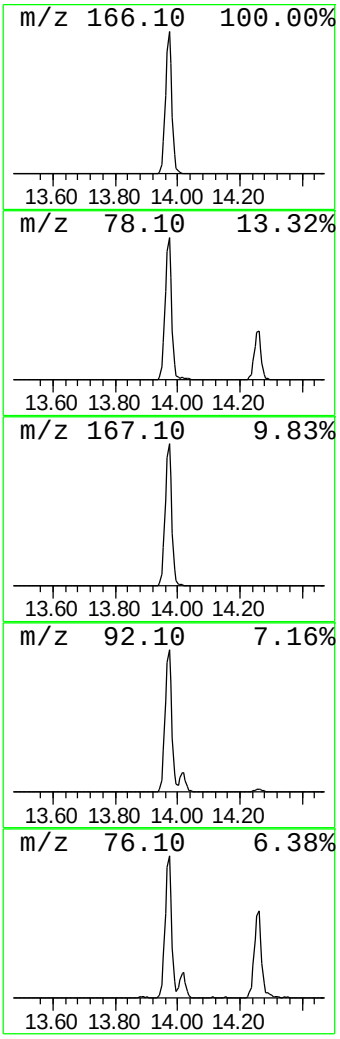
Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	17.98 ng/ul	1124550	Acenaphthene-d10	14.57

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





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Quant Title : SVOA CALIBRATION

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

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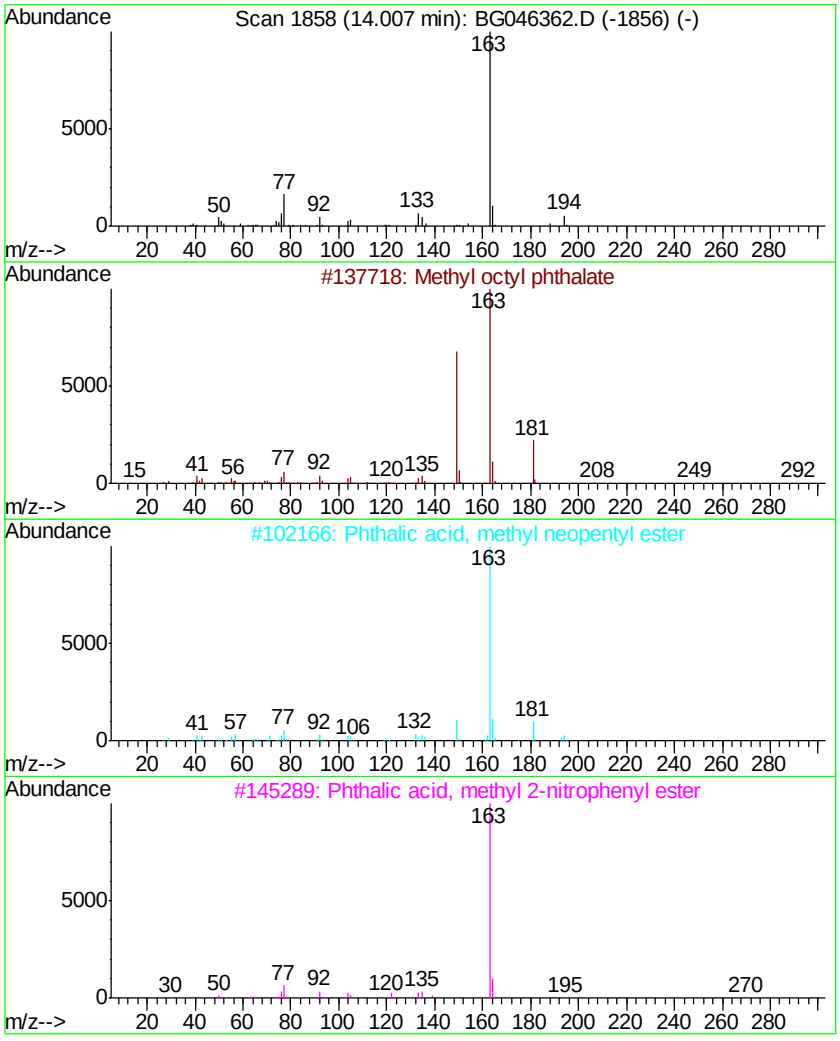
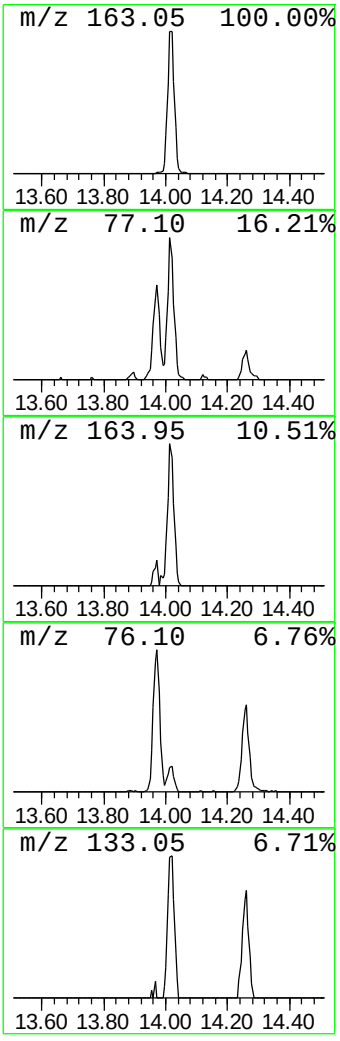
Peak Number 10 Methyl octyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.61 ng/ul	163057	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl octyl phthalate	292	C17H24O4	091485-83-5	78
2	Phthalic acid, methyl neopentyl ...	250	C14H18O4	1000315-53-9	74
3	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	72
4	Phthalic acid, cyclohexylmethyl ...	276	C16H20O4	1000309-05-8	72
5	Methyl nonyl phthalate	306	C18H26O4	091485-82-4	72





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Quant Title : SVOA CALIBRATION

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

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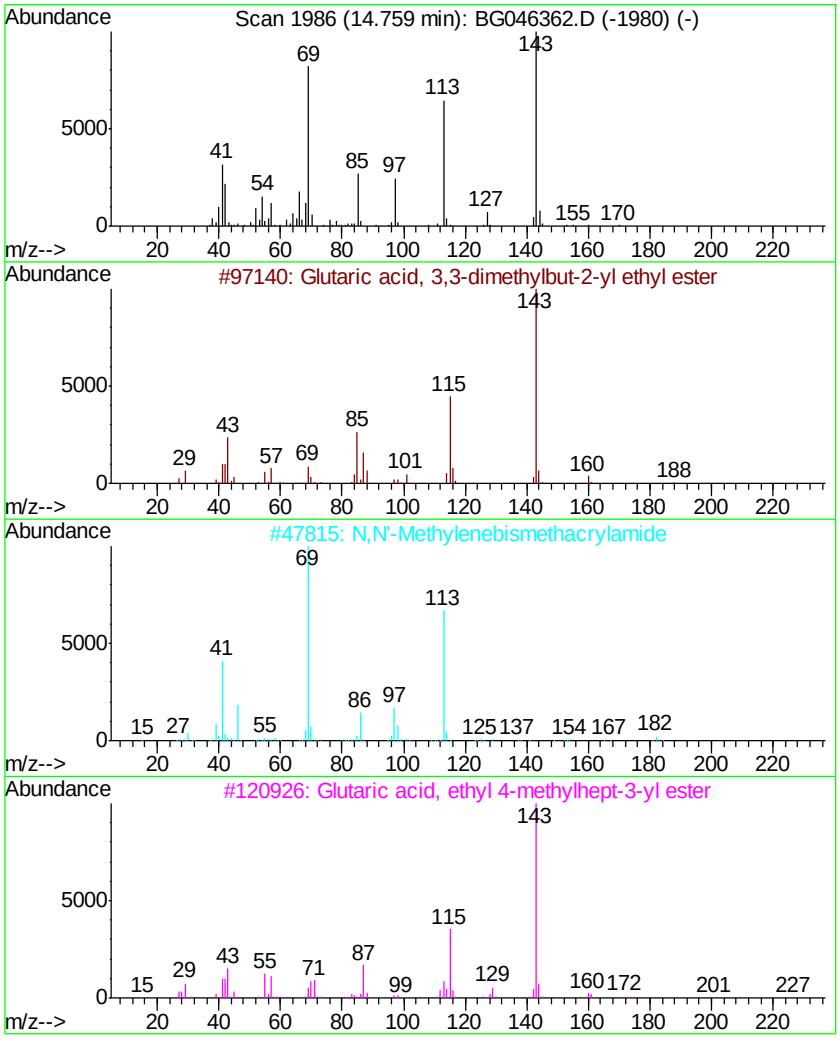
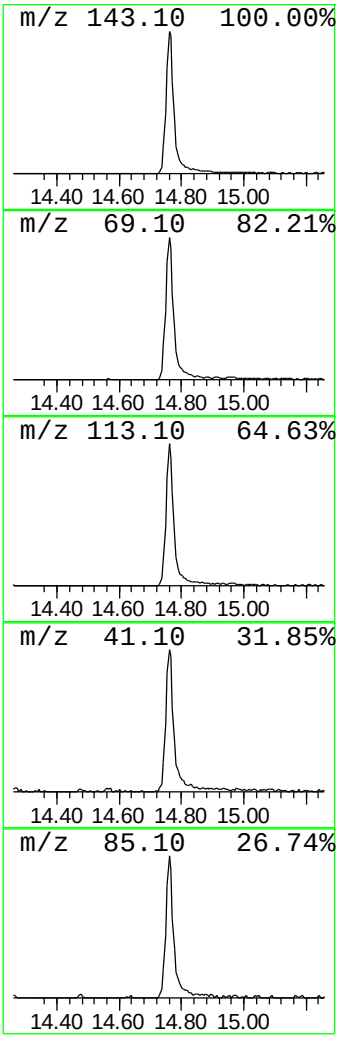
Peak Number 11 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.10 ng/ul	443976	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	25
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	16
4	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	14
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	14





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Instrument : BNA_G
ClientSampleId : BFME7

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Quant Title : SVOA CALIBRATION

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

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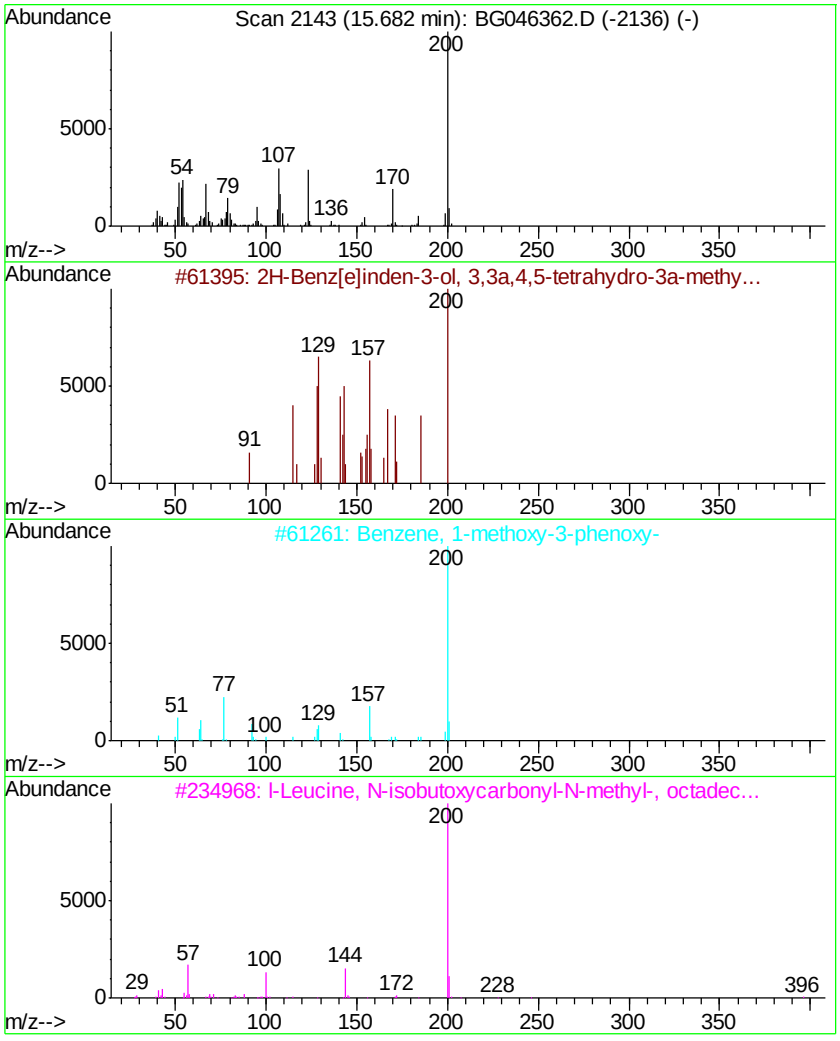
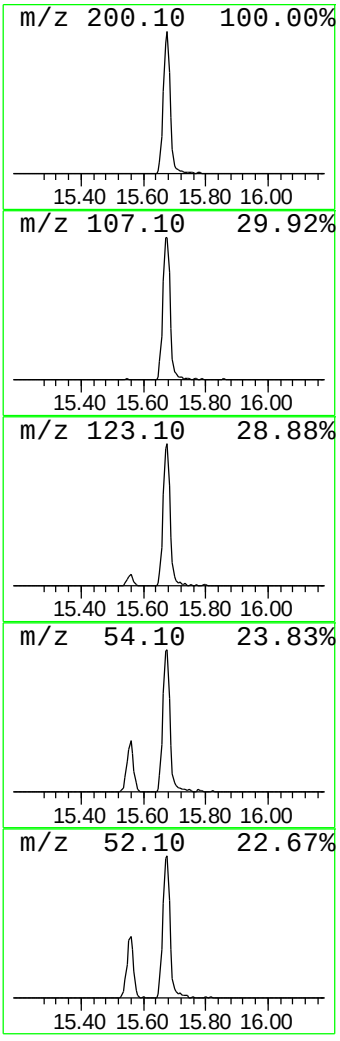
Peak Number 12 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.84 ng/ul	490059	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
3	l-Leucine, N-isobutoxycarbonyl-N...	497	C30H59NO4	1000321-88-1	10
4	2,3-Dihydro-6-isopropyl-1,2,4-tr...	200	C6H8N4S2	014778-89-3	9
5	Benzene, 1-methoxy-2-phenoxy-	200	C13H12O2	001695-04-1	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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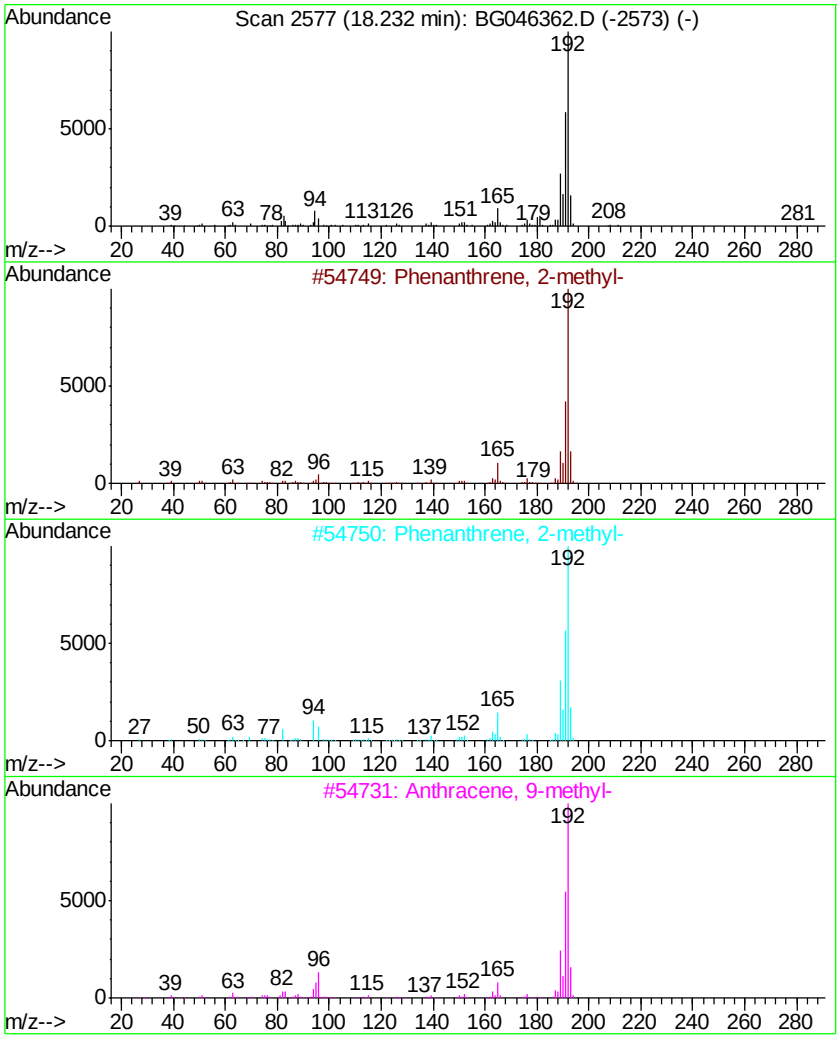
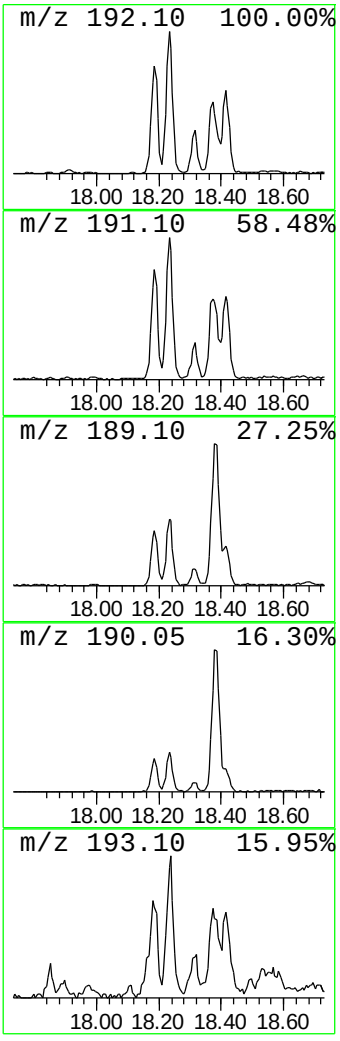
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.44 ng/ul	198879	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Title : SVOA CALIBRATION

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

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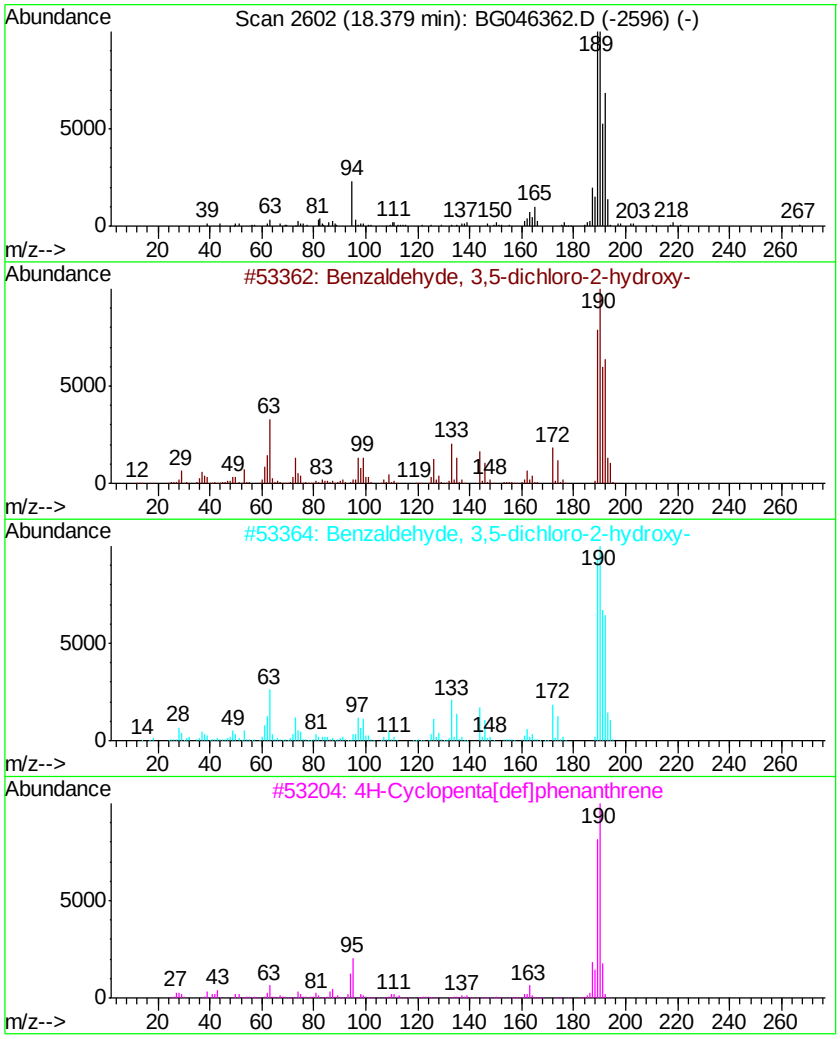
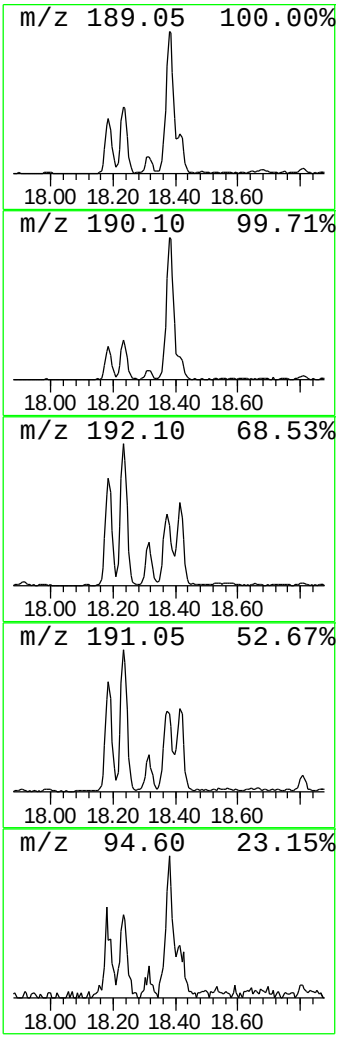
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.76 ng/ul	225129	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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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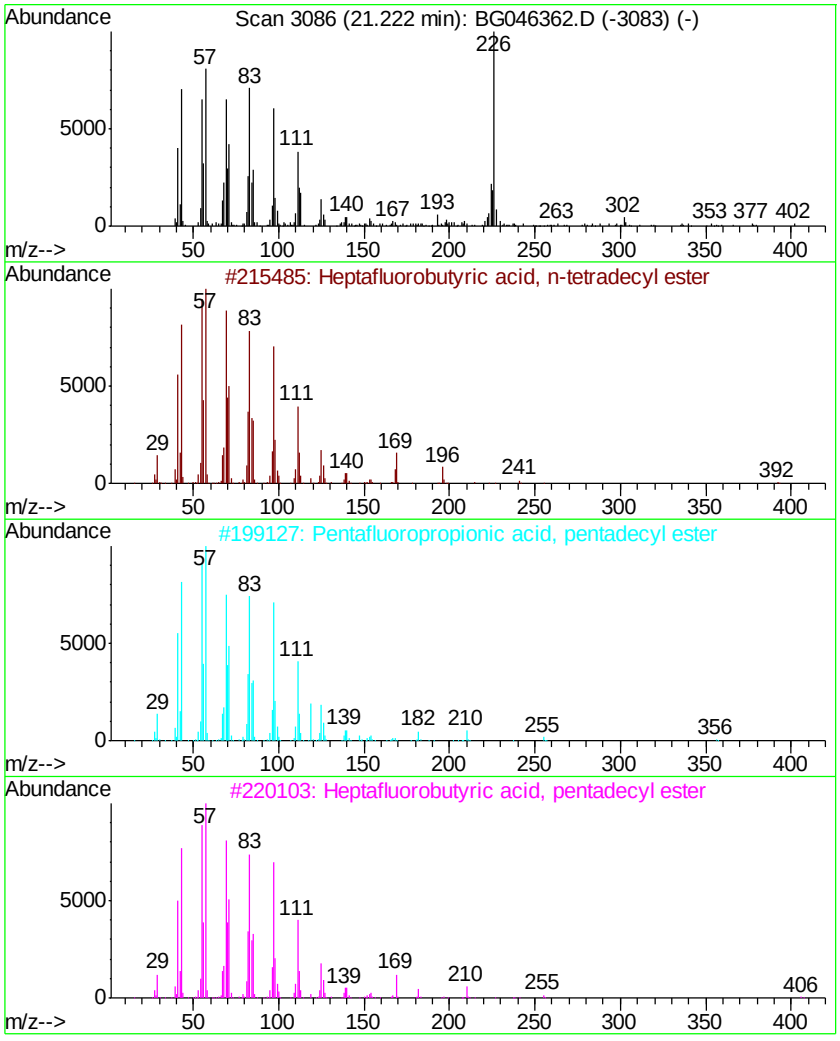
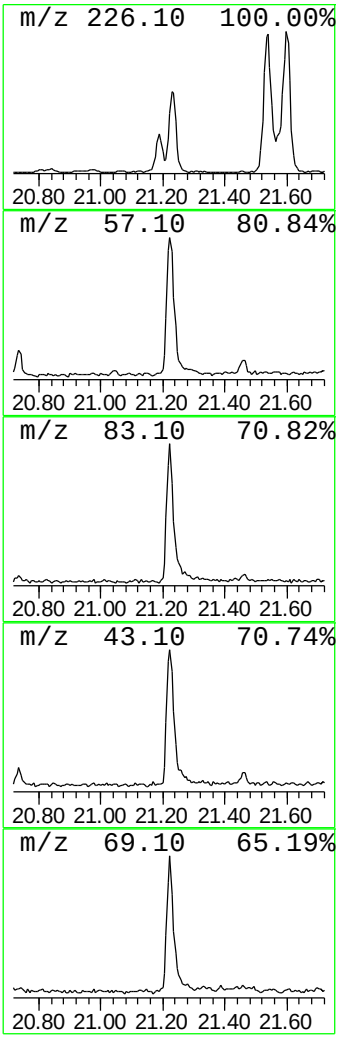
Peak Number 15 Heptafluorobutyric acid, n-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	3.38 ng/ul	465722	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	83
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
5	Cyclohexadecane	224	C16H32	000295-65-8	70





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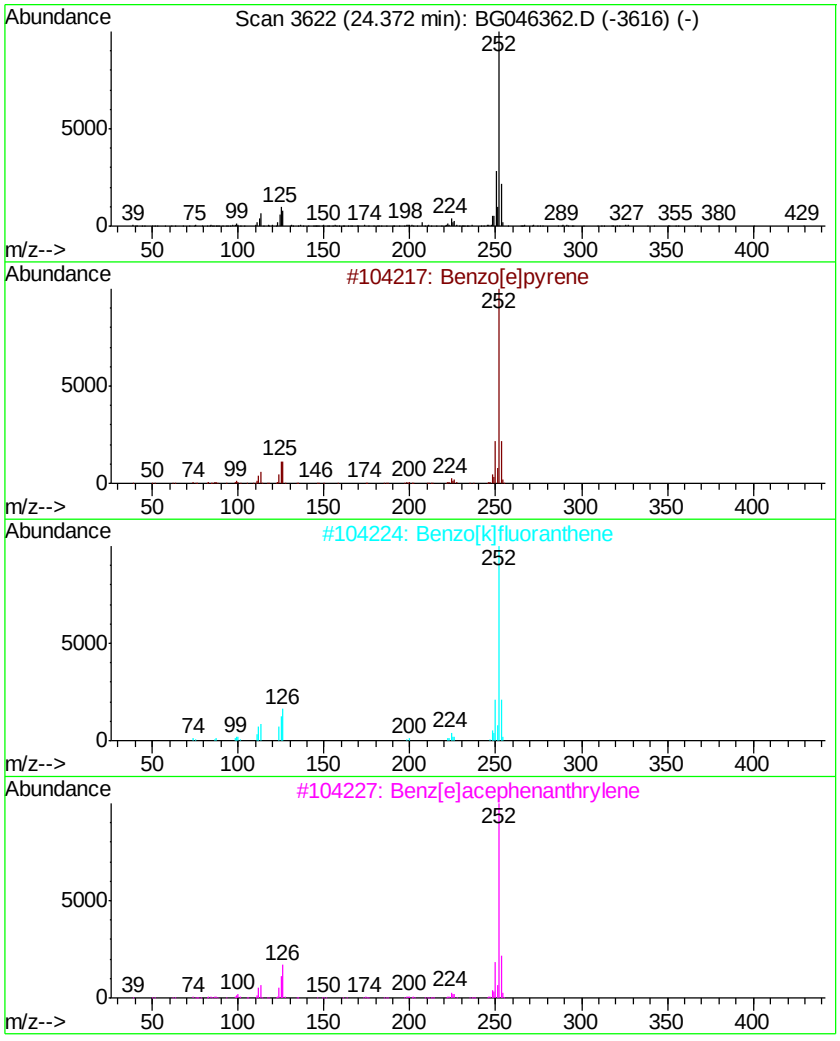
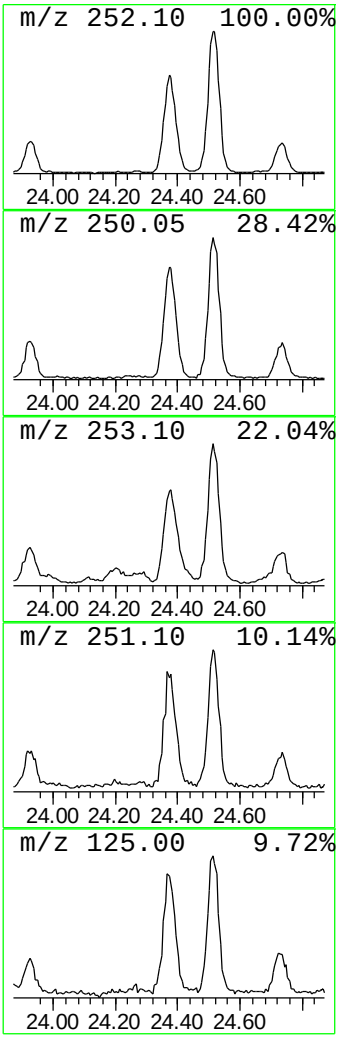
Peak Number 16 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	3.93 ng/ul	393447	Perylene-d12	24.67

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





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Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

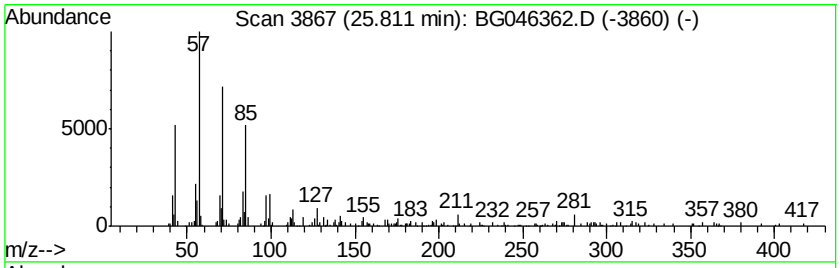
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

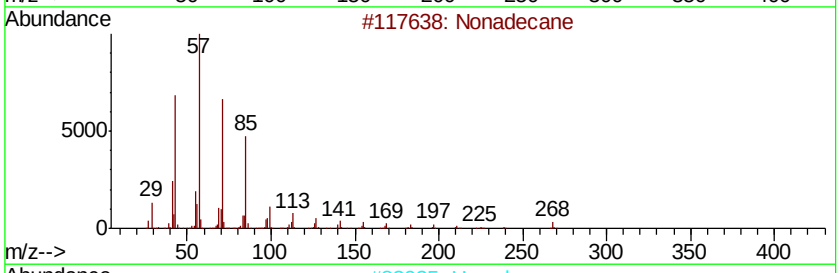
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

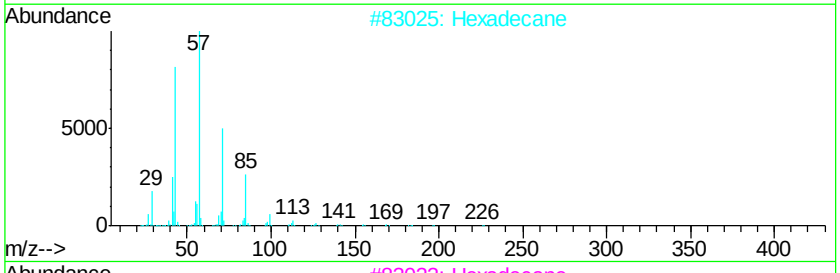
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

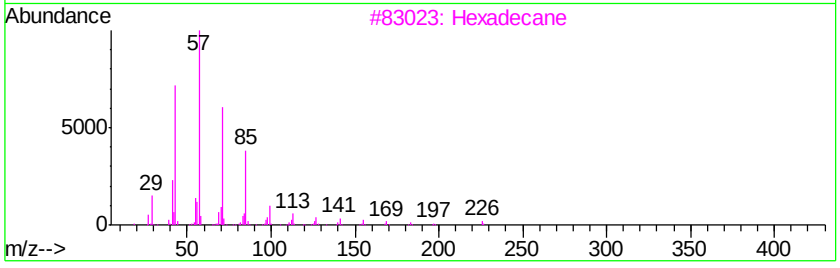
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	2.74 ng/ul	274244	Perylene-d12	24.67

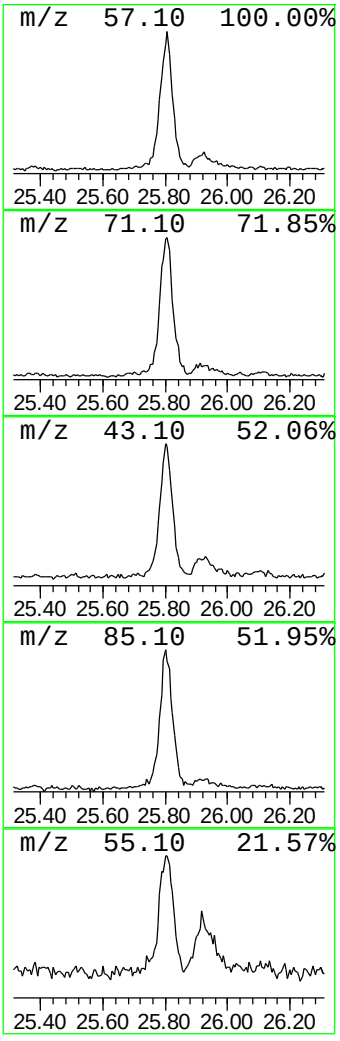
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Hexadecane	226	C16H34	000544-76-3	92
4	Tricosane	324	C23H48	000638-67-5	90
5	Hexacosane	366	C26H54	000630-01-3	90











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046362.D
Acq On : 20 Aug 2020 2:48
Operator : CG/JU
Sample : L3633-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFME7

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	80.8	ng/ul	2339450	1	7.94	579103	20.0
2-Furancarboxylic...	7.10	19.5	ng/ul	564129	1	7.94	579103	20.0
unknown-01	7.26	15.3	ng/ul	441840	1	7.94	579103	20.0
unknown-02	7.47	20.3	ng/ul	587165	1	7.94	579103	20.0
unknown-03	8.64	23.1	ng/ul	667999	1	7.94	579103	20.0
1H-Imidazole, 4-m...	9.09	19.1	ng/ul	551610	1	7.94	579103	20.0
unknown-04	9.81	11.0	ng/ul	467048	2	10.73	851223	20.0
unknown-05	10.86	14.9	ng/ul	634589	2	10.73	851223	20.0
unknown-06	13.97	18.0	ng/ul	1124550	3	14.57	1250560	20.0
Methyl octyl phth...	14.01	2.6	ng/ul	163057	3	14.57	1250560	20.0
unknown-07	14.76	7.1	ng/ul	443976	3	14.57	1250560	20.0
unknown-08	15.68	7.8	ng/ul	490059	3	14.57	1250560	20.0
Phenanthrene, 2-m...	18.23	2.4	ng/ul	198879	4	17.31	1629500	20.0
Benzaldehyde, 3,5...	18.38	2.8	ng/ul	225129	4	17.31	1629500	20.0
Heptafluorobutyri...	21.22	3.4	ng/ul	465722	5	21.56	2759190	20.0
Benzo[e]pyrene	24.37	3.9	ng/ul	393447	6	24.67	2000100	20.0
(DEL) Alkane: Str...	25.81	2.7	ng/ul	274244	6	24.67	2000100	20.0