LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	33	rVB	1394292	2190413	83.27%	5.686%
2	3.399	48	53	61	rVB	18482	30253	1.15%	0.079%
3	3.916	136	141	149	rVB	15755	24298	0.92%	0.063%
4	4.051	158	164	170	rBV	13711	23607	0.90%	0.061%
5	5.050	329	334	340	rBV3	13288	22981	0.87%	0.060%
6	7.107	676	684	695	rBV	291431	526542	20.02%	1.367%
7	7.265	704	711	722	rBV	236625	398783	15.16%	1.035%
8	7.471	739	746	753	rBV	312351	540307	20.54%	1.403%
9	7.536	753	757	767	rVB	20878	45504	1.73%	0.118%
10	7.941	817	826	833	rBV	332092	570753	21.70%	1.482%
11	8.646	938	946	959	rBV	350062	628414	23.89%	1.631%
12	9.093	1013	1022	1032	rBV	271646	503467	19.14%	1.307%
13	9.815	1135	1145	1154	rBV	242390	427306	16.24%	1.109%
14	10.356	1230	1237	1255	rBV	396677	713032	27.11%	1.851%
15	10.732	1293	1301	1315	rBV	473118	866661	32.95%	2.250%
16	10.867	1316	1324	1340	rVV	288540	570024	21.67%	1.480%
17	13.969	1844	1852	1857	rBV	719487	1058671	40.25%	2.748%
18	14.016	1857	1860	1866	rVV	181501	248857	9.46%	0.646%
19	14.257	1893	1901	1913	rBV	866098	1378980	52.42%	3.580%
20	14.569	1945	1954	1960	rBV	793215	1250300	47.53%	3.246%
21	14.627	1960	1964	1972	rVB	19705	32752	1.25%	0.085%
22	14.762	1980	1987	2002	rBV	218671	436295	16.59%	1.133%
23	14.962	2017	2021	2029	rVV2	20104	38124	1.45%	0.099%
24	15.556	2115	2122	2128	rVV	1106838	1714609	65.18%	4.451%
25	15.609	2128	2131	2136	rVV2	33309	50118	1.91%	0.130%
26	15.673	2136	2142	2150	rVV	265956	402873	15.32%	1.046%
27	15.797	2157	2163	2167	rVV4	13675	22006	0.84%	0.057%
28	15.908	2177	2182	2188	rVB2	14922	24733	0.94%	0.064%
29	16.055	2201	2207	2214	rVV3	13622	29323	1.11%	0.076%
30	16.290	2240	2247	2250	rBV7	10048	17600	0.67%	0.046%
31	16.619	2300	2303	2307	rVV4	11043	17783	0.68%	0.046%
32	16.854	2338	2343	2345	rVV3	11153	18143	0.69%	0.047%
33	16.889	2345	2349	2354	rVV2	10423	18490	0.70%	0.048%
34	16.960	2356	2361	2370	rVB	29492	51144	1.94%	0.133%

LSC Area Percent Report

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Sample : L3633-01
Misc :
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Instrument : BNA_G
ClientSampleId : BFM99

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	17.060	2377	2378	2386	rVV7	12848	25553	0.97%	0.066%
36	17.124	2386	2389	2395	rVB	23115	32172	1.22%	0.084%
37	17.312	2414	2421	2424	rVV	997005	1545276	58.75%	4.011%
38	17.348	2424	2427	2432	rVV	484618	736939	28.02%	1.913%
39	17.406	2432	2437	2449	rVV	1185549	1874880	71.28%	4.867%
40	17.500	2449	2453	2458	rVB5	12372	19295	0.73%	0.050%
41	17.706	2479	2488	2493	rBV2	29392	61515	2.34%	0.160%
42	17.824	2504	2508	2515	rVB3	15928	22707	0.86%	0.059%
43	17.888	2515	2519	2523	rVB5	14931	19557	0.74%	0.051%
44	18.188	2564	2570	2573	rVV	76380	126820	4.82%	0.329%
45	18.235	2573	2578	2583	rVV	108663	182429	6.94%	0.474%
46	18.311	2587	2591	2596	rVV	25915	37959	1.44%	0.099%
47	18.382	2596	2603	2606	rVV3	100594	189595	7.21%	0.492%
48	18.411	2606	2608	2615	rVB2	57904	79449	3.02%	0.206%
49	18.511	2615	2625	2626	rBV9	12226	27562	1.05%	0.072%
50	18.529	2626	2628	2633	rVV6	12885	20223	0.77%	0.052%
51	18.681	2648	2654	2657	rBV	70804	104919	3.99%	0.272%
52	18.717	2657	2660	2666	rVB	69072	98080	3.73%	0.255%
53	18.928	2688	2696	2700	rBV4	27086	46929	1.78%	0.122%
54	18.981	2701	2705	2708	rVV	23227	29263	1.11%	0.076%
55	19.016	2708	2711	2715	rVB2	21797	28583	1.09%	0.074%
56	19.099	2716	2725	2730	rBV2	72341	131897	5.01%	0.342%
57	19.163	2730	2736	2738	rVV4	22039	47568	1.81%	0.123%
58	19.193	2739	2741	2744	rVB	19592	17989	0.68%	0.047%
59	19.234	2744	2748	2756	rVB	62028	108074	4.11%	0.281%
60	19.357	2760	2769	2776	rVB	919390	1328140	50.49%	3.448%
61	19.422	2776	2780	2783	rBV	17651	24699	0.94%	0.064%
62	19.457	2783	2786	2791	rVB5	26397	34476	1.31%	0.089%
63	19.510	2791	2795	2798	rBV	39593	47626	1.81%	0.124%
64	19.551	2798	2802	2805	rBV4	21602	34443	1.31%	0.089%
65	19.627	2813	2815	2820	rVB5	16345	20794	0.79%	0.054%
66	19.692	2820	2826	2829	rBV	1678529	2598202	98.77%	6.744%
67	19.721	2829	2831	2839	rVV	839468	991769	37.70%	2.574%
68	19.792	2839	2843	2848	rVV3	42383	62112	2.36%	0.161%
69	19.898	2857	2861	2867	rBV	45133	67822	2.58%	0.176%
70	19.956	2867	2871	2877	rVB2	38796	63089	2.40%	0.164%
71	20.027	2879	2883	2892	rBV4	141789	312777	11.89%	0.812%

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Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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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Peak separation: 5

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

72	20.174	2904	2908	2910	rBV3	46209	62541	2.38%	0.162%
73	20.209	2911	2914	2919	rVB	105395	148257	5.64%	0.385%
74	20.309	2928	2931	2935	rBV	52501	62999	2.40%	0.164%
75	20.368	2935	2941	2946	rVV2	87290	151727	5.77%	0.394%
76	20.509	2961	2965	2969	rBV2	54847	73005	2.78%	0.190%
77	20.556	2969	2973	2977	rVB2	54073	73700	2.80%	0.191%
78	20.773	3006	3010	3013	rBV4	27275	44410	1.69%	0.115%
79	20.961	3038	3042	3050	rVB	94617	161213	6.13%	0.418%
80	21.143	3066	3073	3077	rBV2	69336	169075	6.43%	0.439%
81	21.190	3077	3081	3083	rVV	83436	123906	4.71%	0.322%
82	21.225	3083	3087	3093	rVV3	204901	392288	14.91%	1.018%
83	21.290	3094	3098	3106	rVB	102016	186593	7.09%	0.484%
84	21.555	3134	3143	3148	rBV2	1244463	2630426	100.00%	6.828%
85	21.602	3148	3151	3164	rVB	386926	613857	23.34%	1.593%
86	21.754	3172	3177	3182	rBV2	50798	111899	4.25%	0.290%
87	21.801	3183	3185	3190	rVB2	24976	36982	1.41%	0.096%
88	21.948	3205	3210	3216	rBV2	52782	110252	4.19%	0.286%
89	22.189	3249	3251	3256	rBV3	18153	24255	0.92%	0.063%
90	22.265	3260	3264	3269	rVB	65472	113793	4.33%	0.295%
91	22.342	3273	3277	3278	rBV4	44564	60748	2.31%	0.158%
92	23.681	3496	3505	3512	rBV	302952	989644	37.62%	2.569%
93	23.805	3521	3526	3531	rBV	92518	164170	6.24%	0.426%
94	23.858	3531	3535	3541	rVV3	63694	115794	4.40%	0.301%
95	24.369	3615	3622	3628	rBV	158376	435495	16.56%	1.130%
96	24.445	3628	3635	3642	rVV	809488	2134828	81.16%	5.542%
97	24.510	3643	3646	3659	rVB	257014	579344	22.02%	1.504%
98	24.663	3662	3672	3679	rBV2	678215	1847800	70.25%	4.797%
99	25.802	3860	3866	3875	rVB	110223	295686	11.24%	0.768%
100	28.164	4259	4268	4291	rVB4	112727	514425	19.56%	1.335%

Sum of corrected areas: 38523440

LSC Report - Integrated Chromatogram

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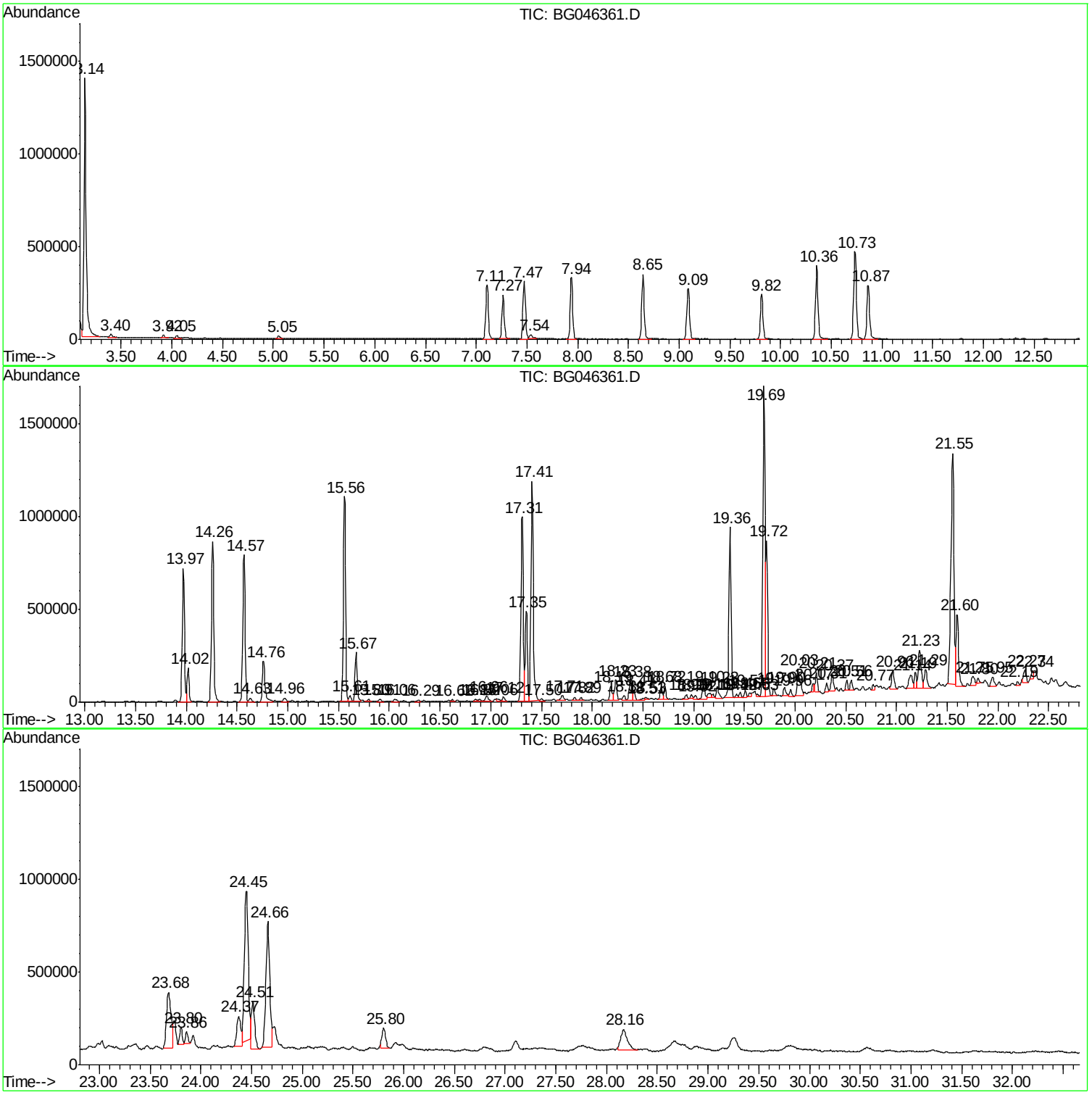
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : BFM99

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

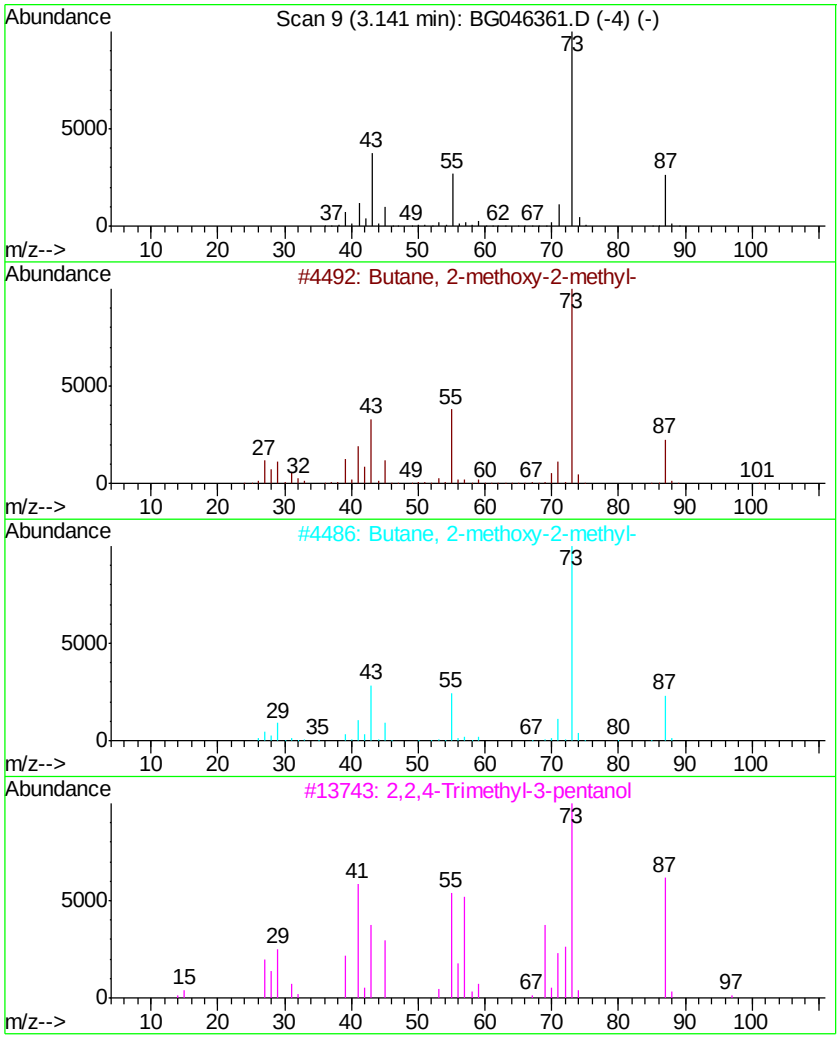
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

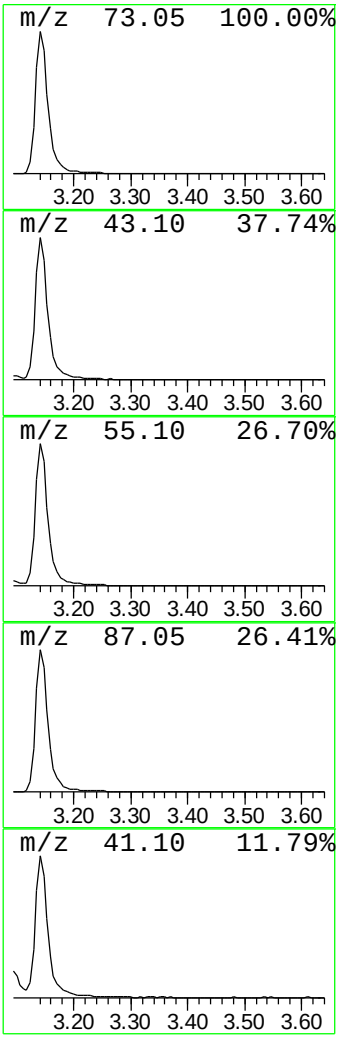
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	76.76 ng/ul	2190410	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

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Data File : BG046361.D
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Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

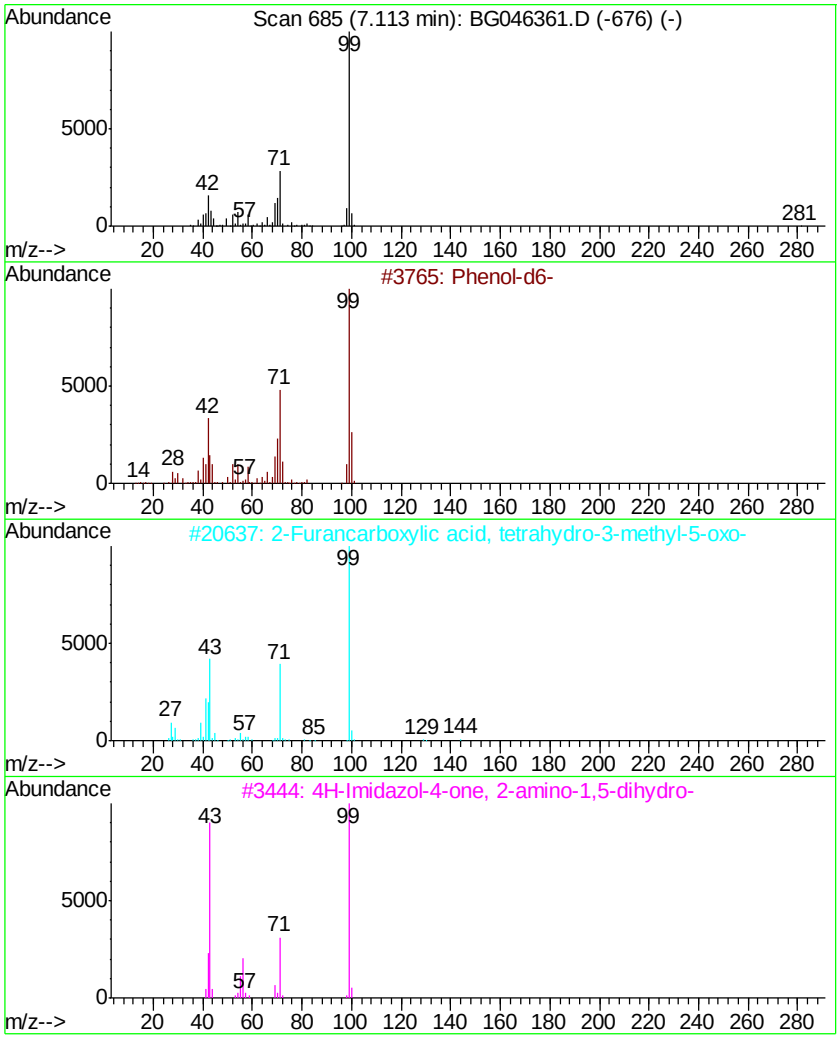
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

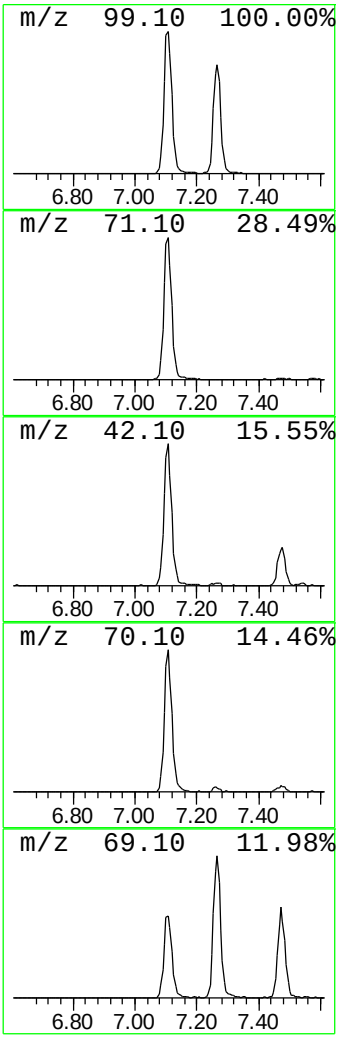
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	18.45 ng/ul	526542	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	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





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Instrument : BNA_G
ClientSampleId : BFM99

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

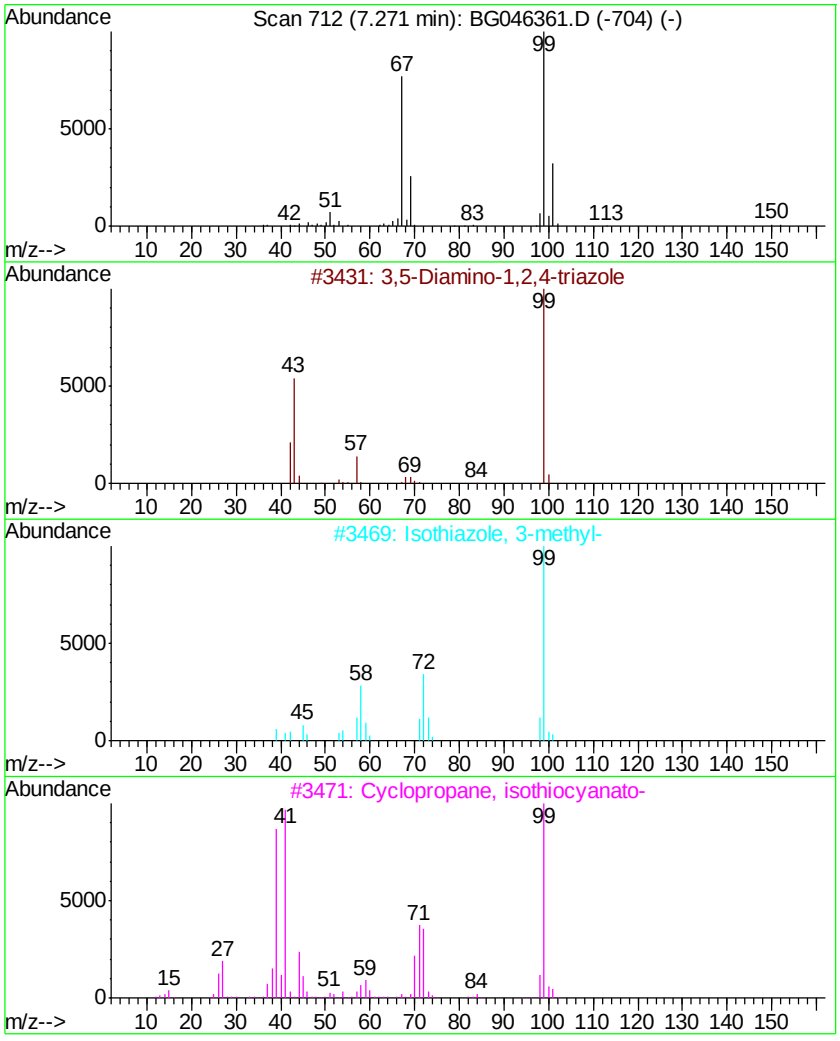
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

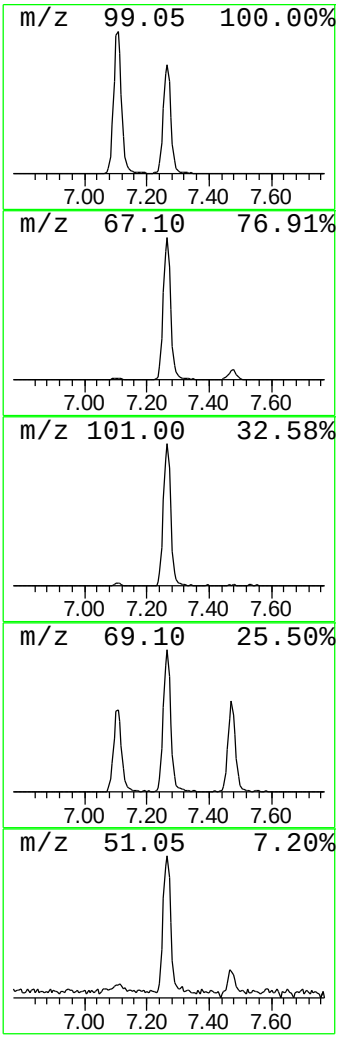
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.97 ng/ul	398783	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	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	7
4	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7





Library Search Compound Report

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Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
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Misc :
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Instrument : BNA_G
ClientSampleId : BFM99

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

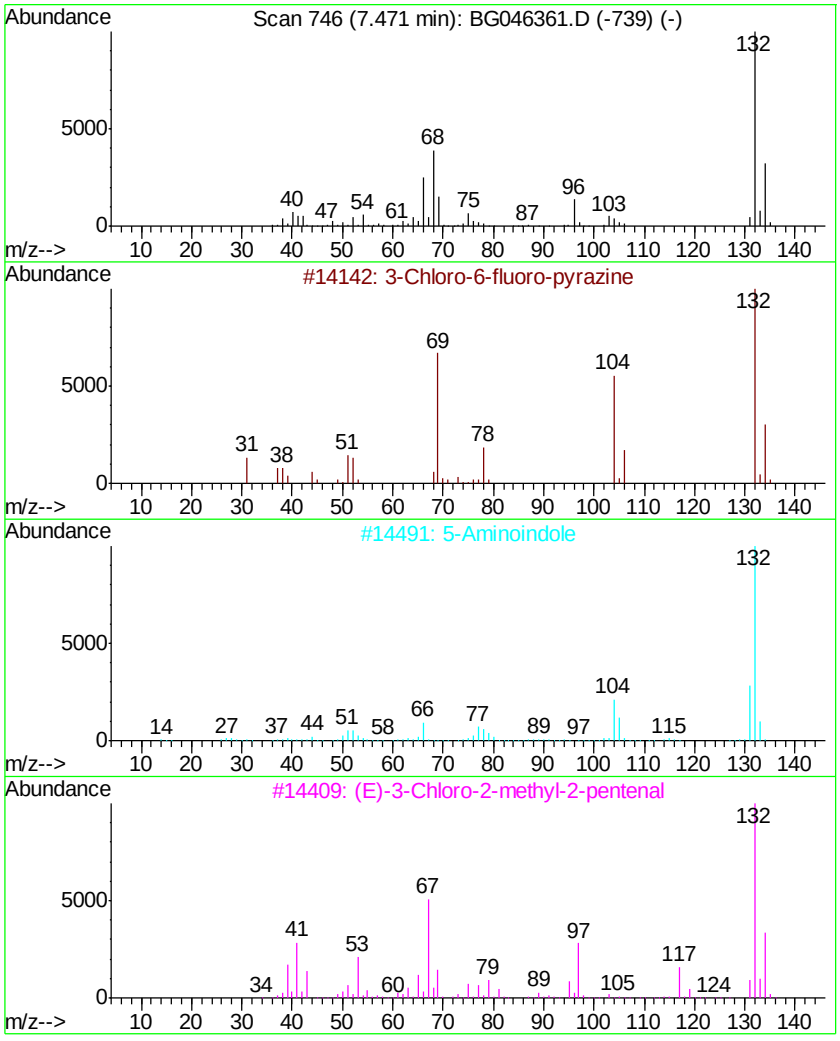
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

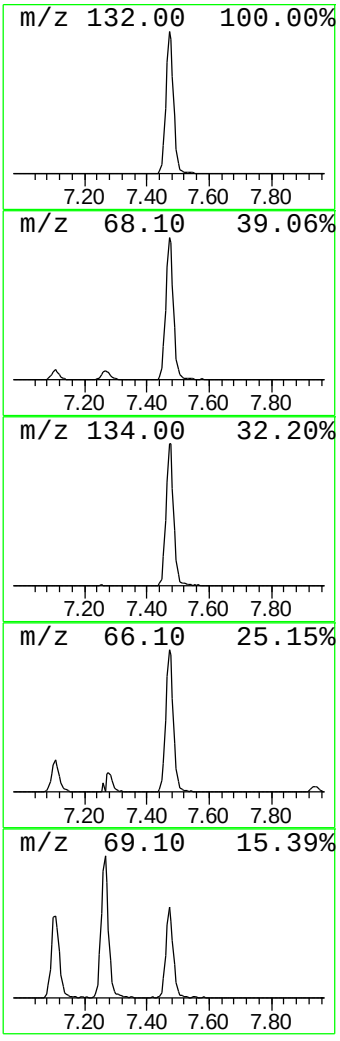
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	18.93 ng/ul	540307	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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

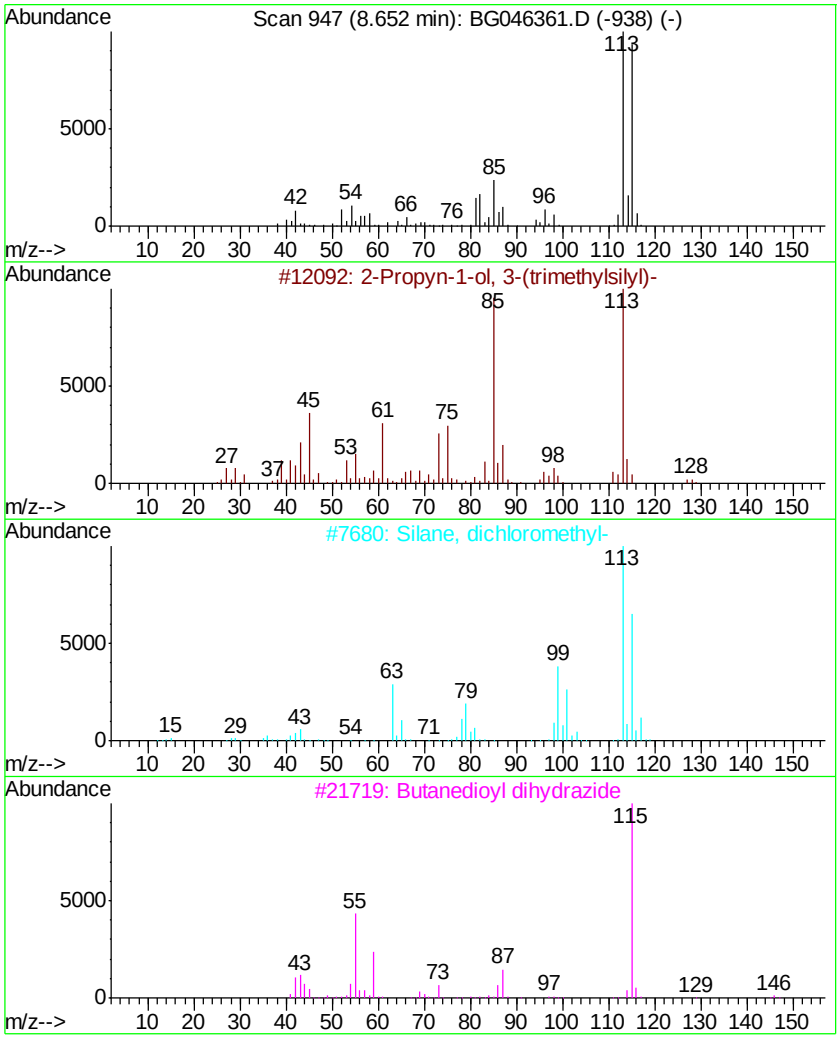
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

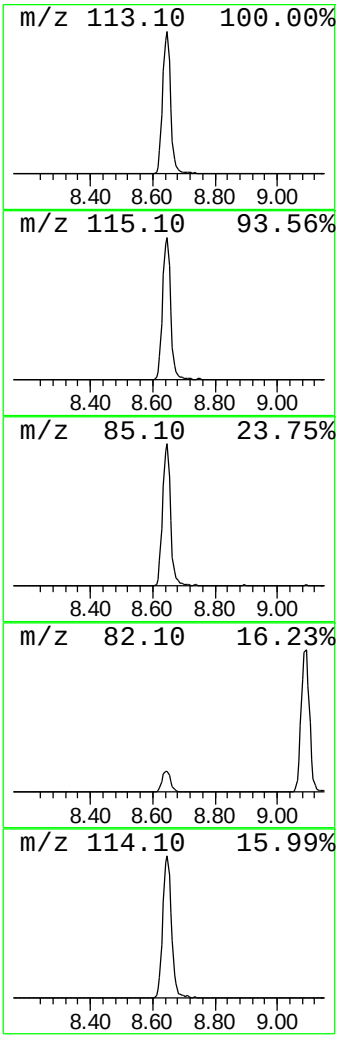
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	22.02 ng/ul	628414	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(trimethylsilyl)-	128	C6H12OSi	005272-36-6	43
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
3	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	35
4	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
5	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32





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Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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Quant Title : SVOA CALIBRATION

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

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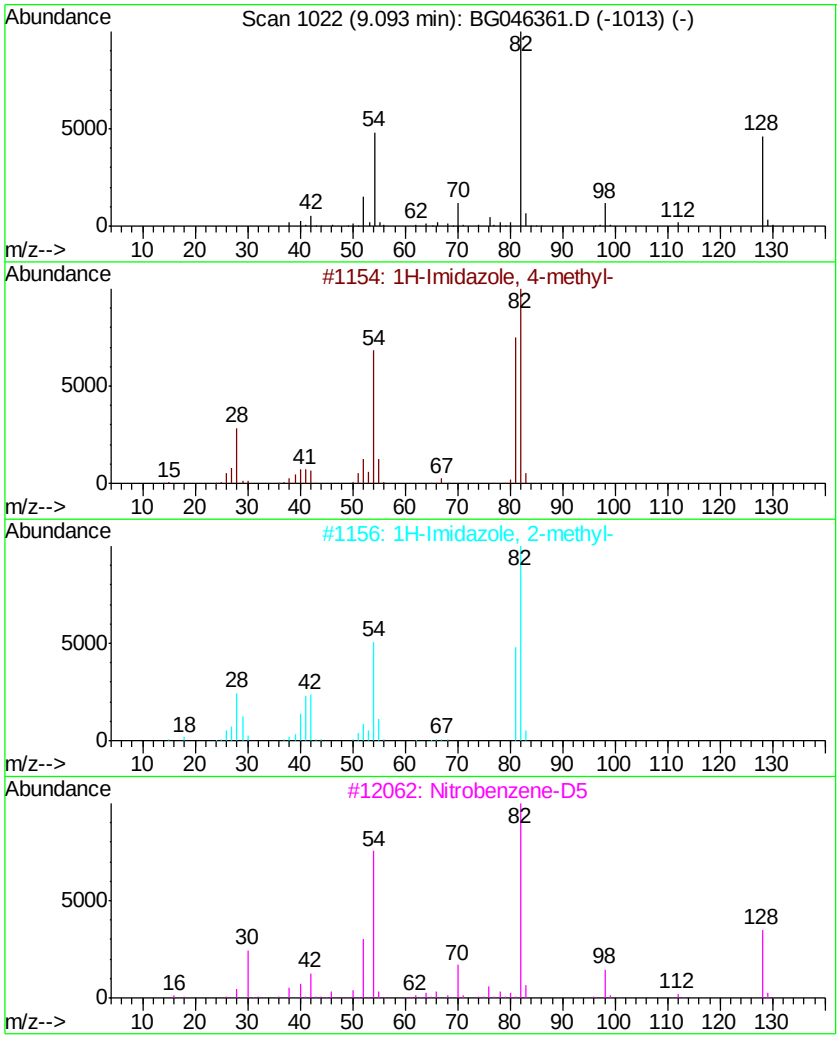
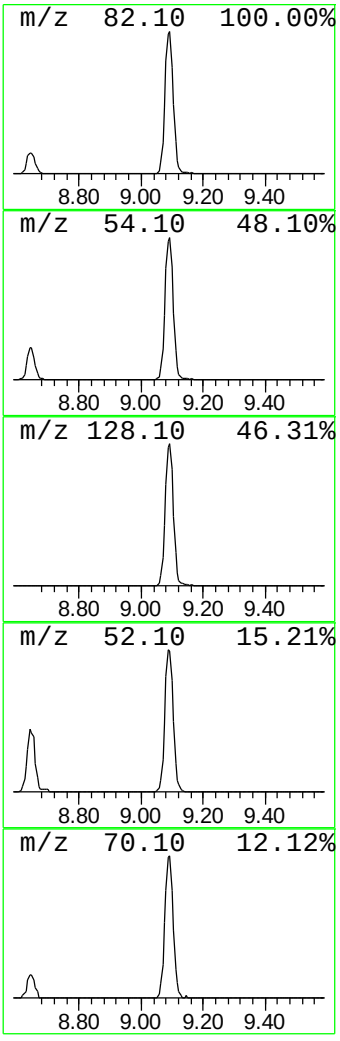
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.64 ng/ul	503467	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	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	9





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ClientSampleId : BFM99

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Quant Title : SVOA CALIBRATION

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

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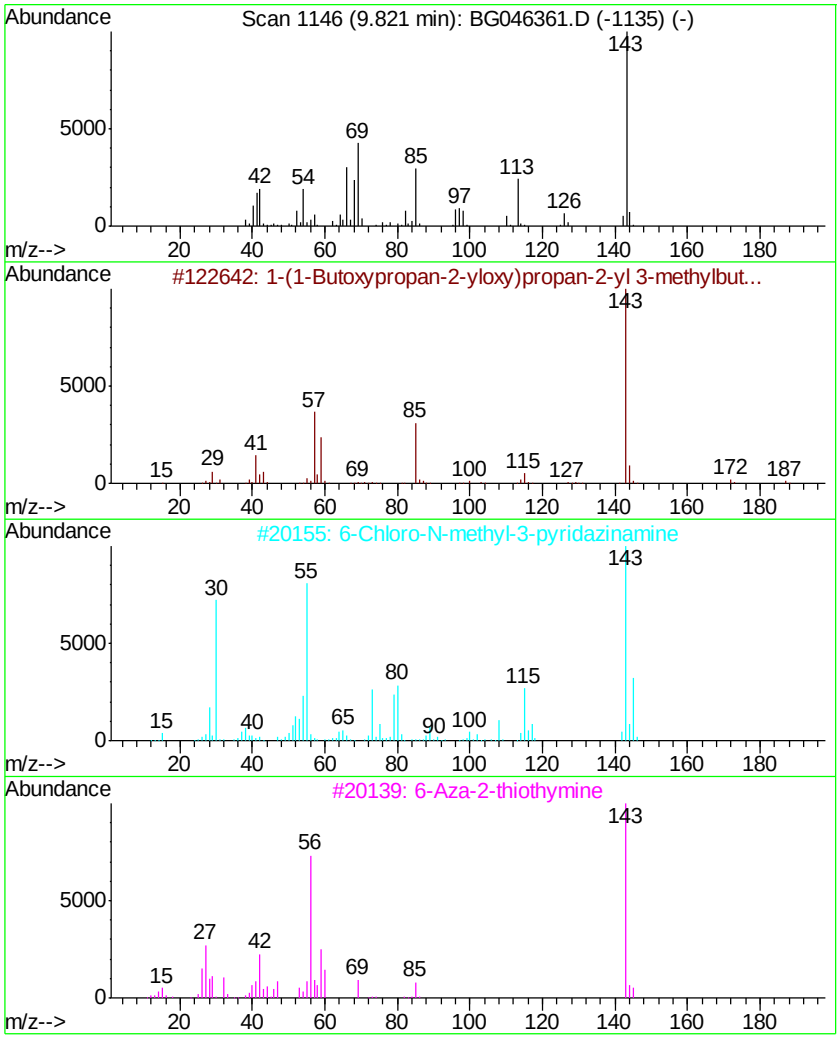
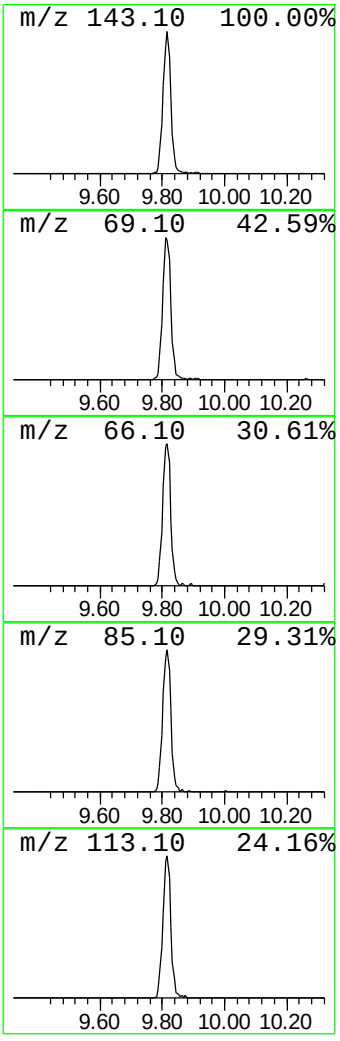
Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.86 ng/ul	427306	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
2	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
3	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	10
5	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10





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Quant Title : SVOA CALIBRATION

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

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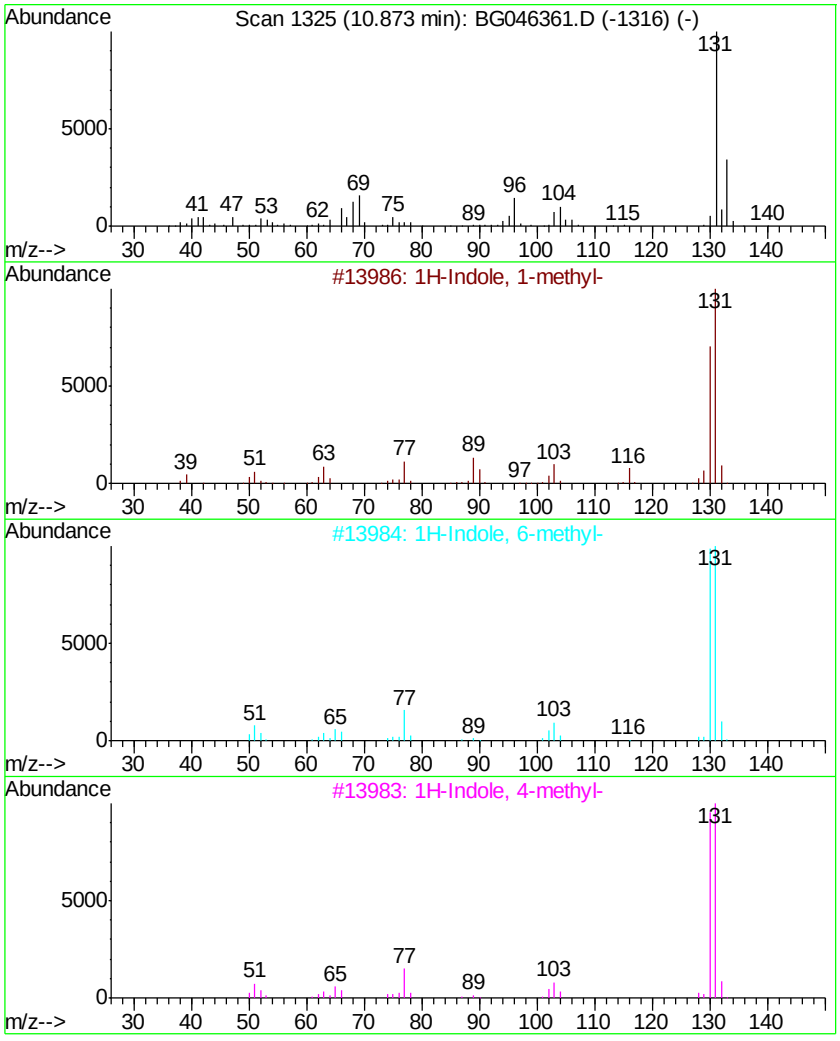
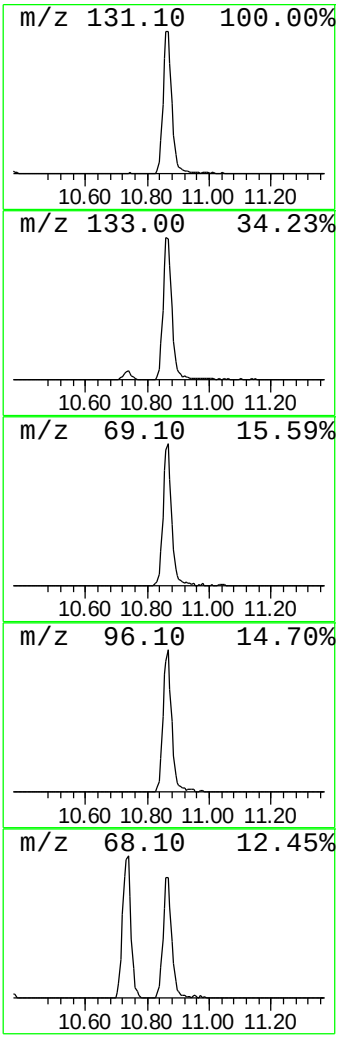
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	13.15 ng/ul	570024	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
2	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	9
3	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9
4	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	9
5	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	9





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Quant Title : SVOA CALIBRATION

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

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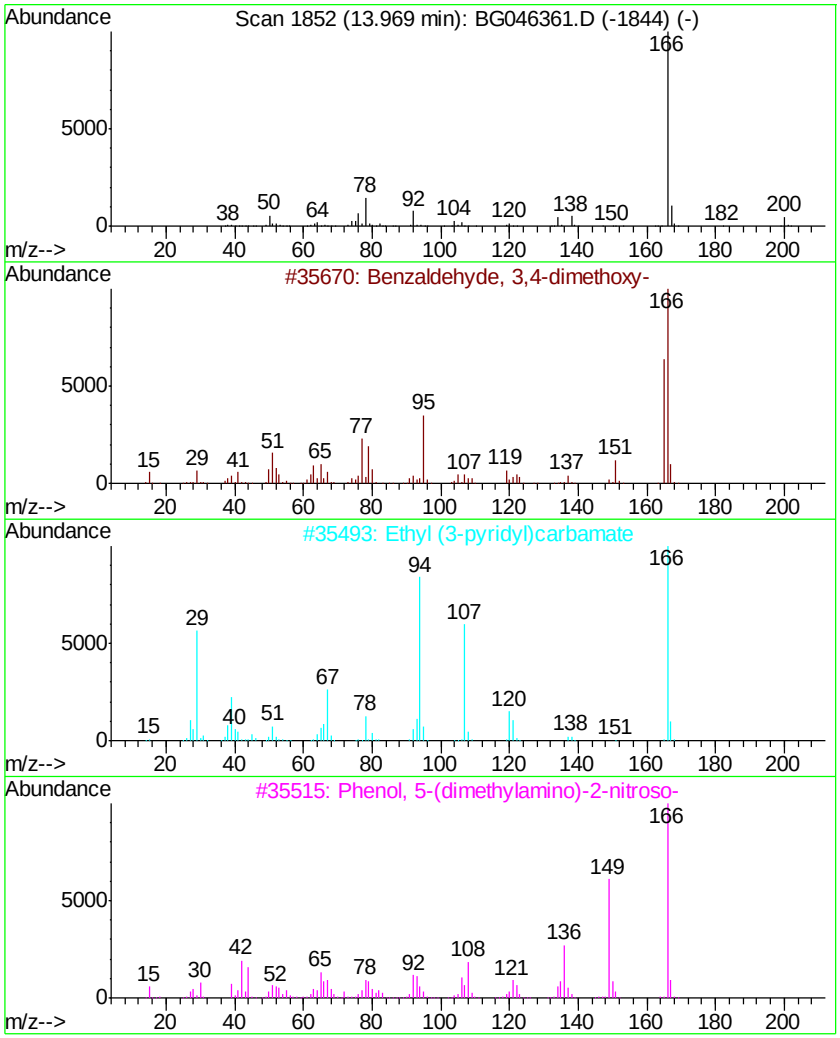
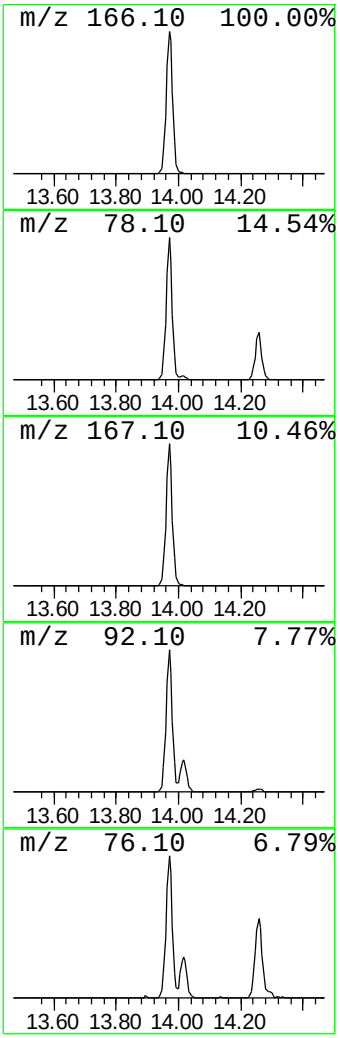
Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.93 ng/ul	1058670	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	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
4	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38





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Quant Title : SVOA CALIBRATION

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

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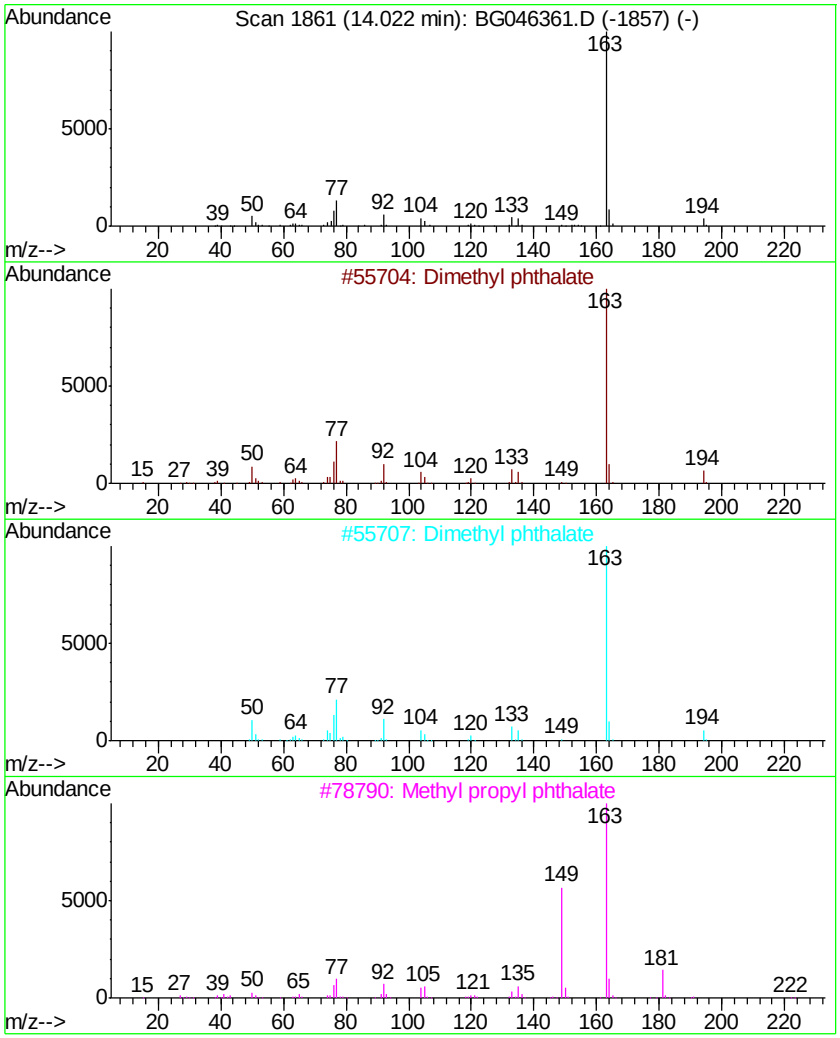
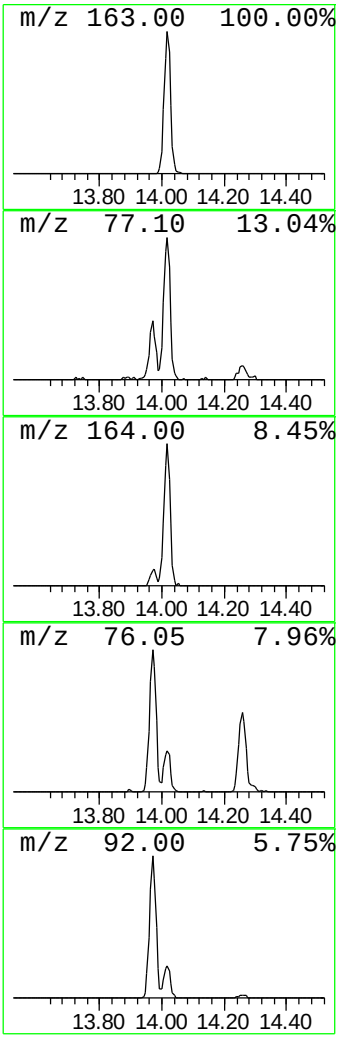
Peak Number 10 Dimethyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.98 ng/ul	248857	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	83
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	83
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	83





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Quant Title : SVOA CALIBRATION

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

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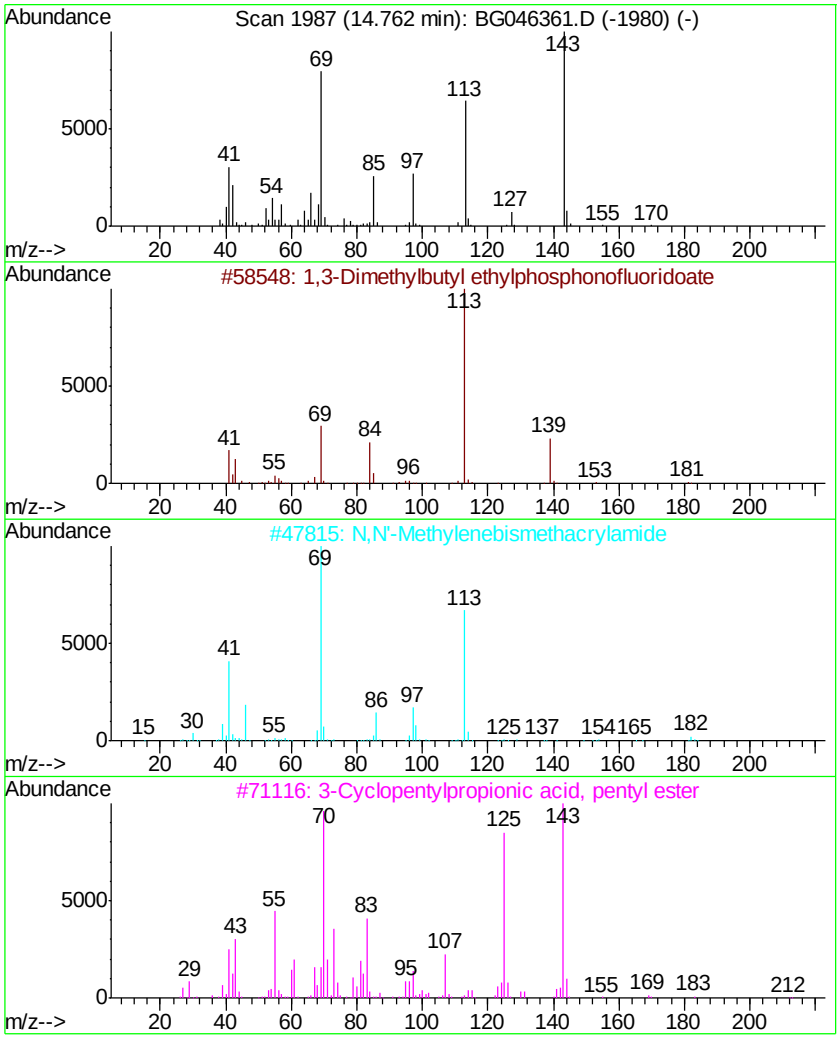
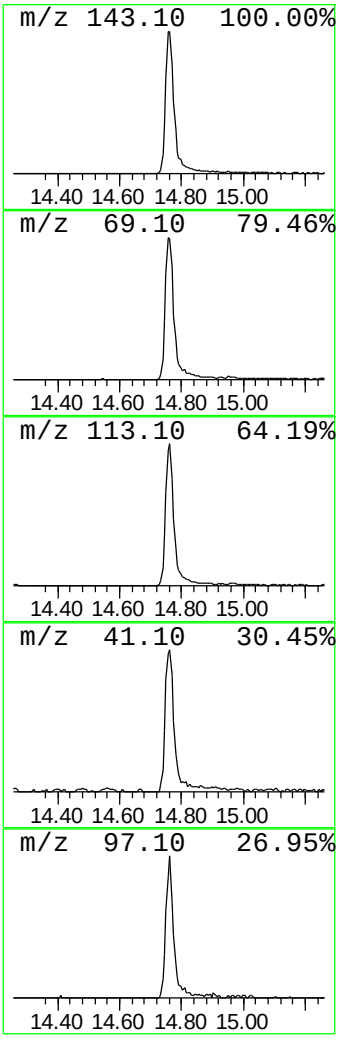
Peak Number 11 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.98 ng/ul	436295	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylbutyl ethylphosphono...	196	C8H18FO2P	1000298-32-2	32
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	25
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
5	Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16





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ClientSampleId : BFM99

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Quant Title : SVOA CALIBRATION

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

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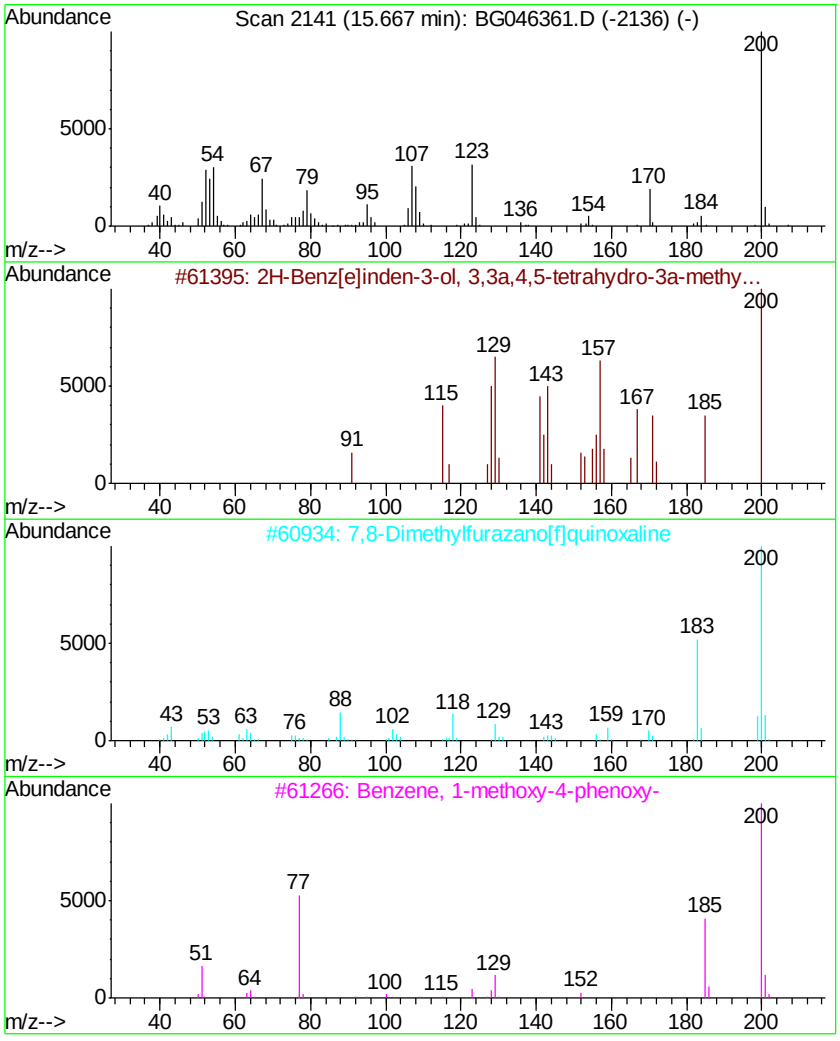
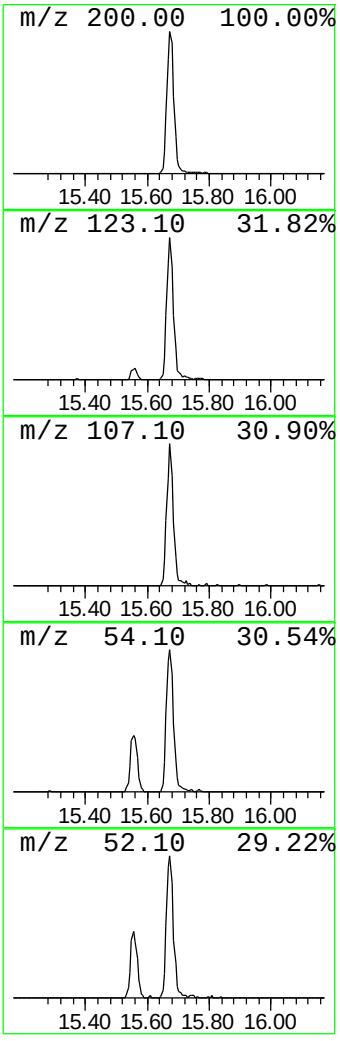
Peak Number 12 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.44 ng/ul	402873	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	7,8-Dimethylfurazano[f]quinoxaline	200	C10H8N4O	1000110-74-6	22
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
4	2-Vinyl-6-methoxy-8-aminoquinoline	200	C12H12N2O	064992-65-0	16
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14





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ClientSampleId : BFM99

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Quant Title : SVOA CALIBRATION

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

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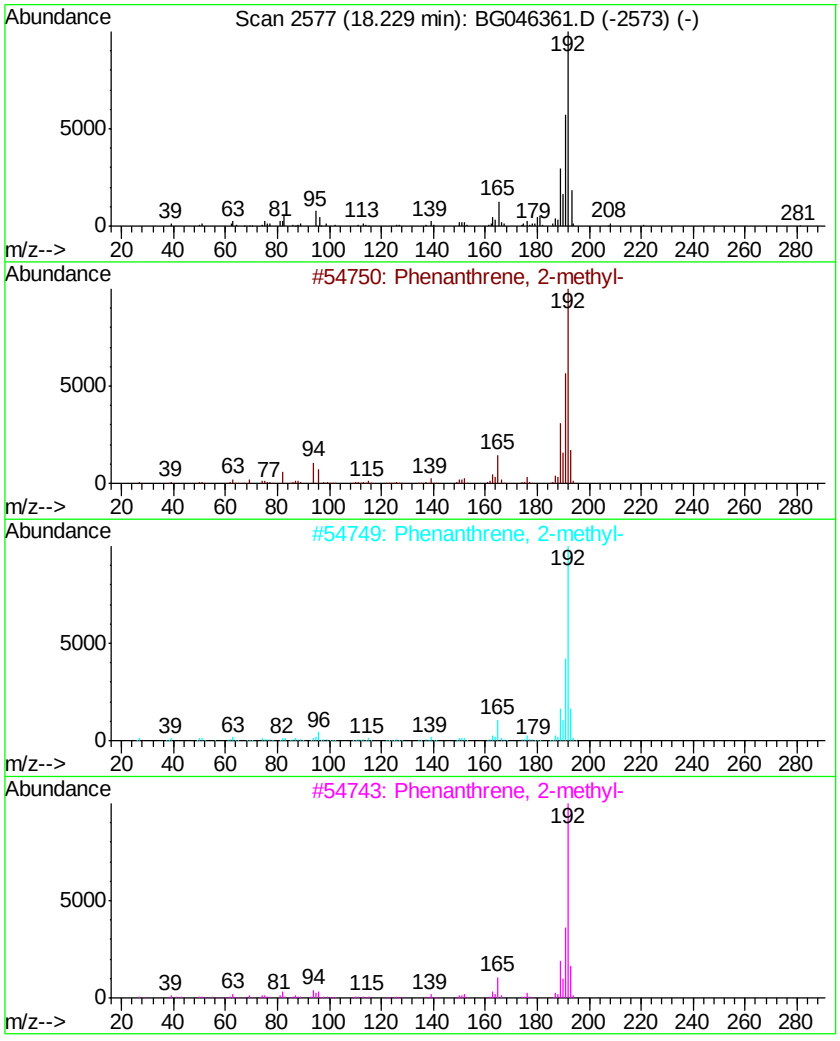
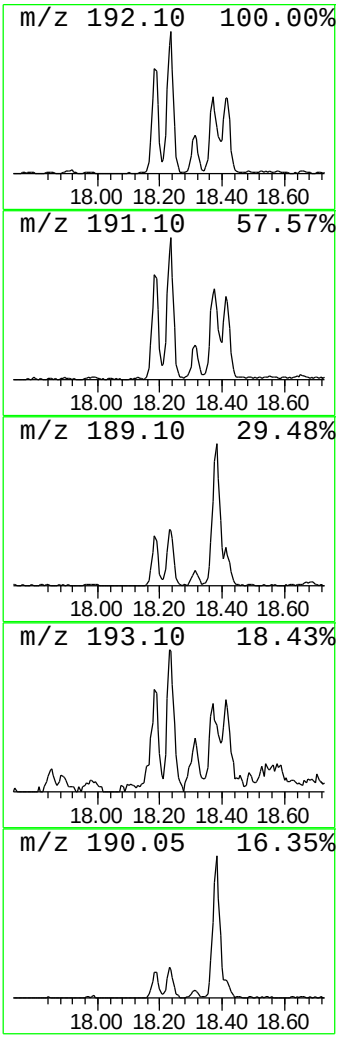
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.36 ng/ul	182429	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Quant Title : SVOA CALIBRATION

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

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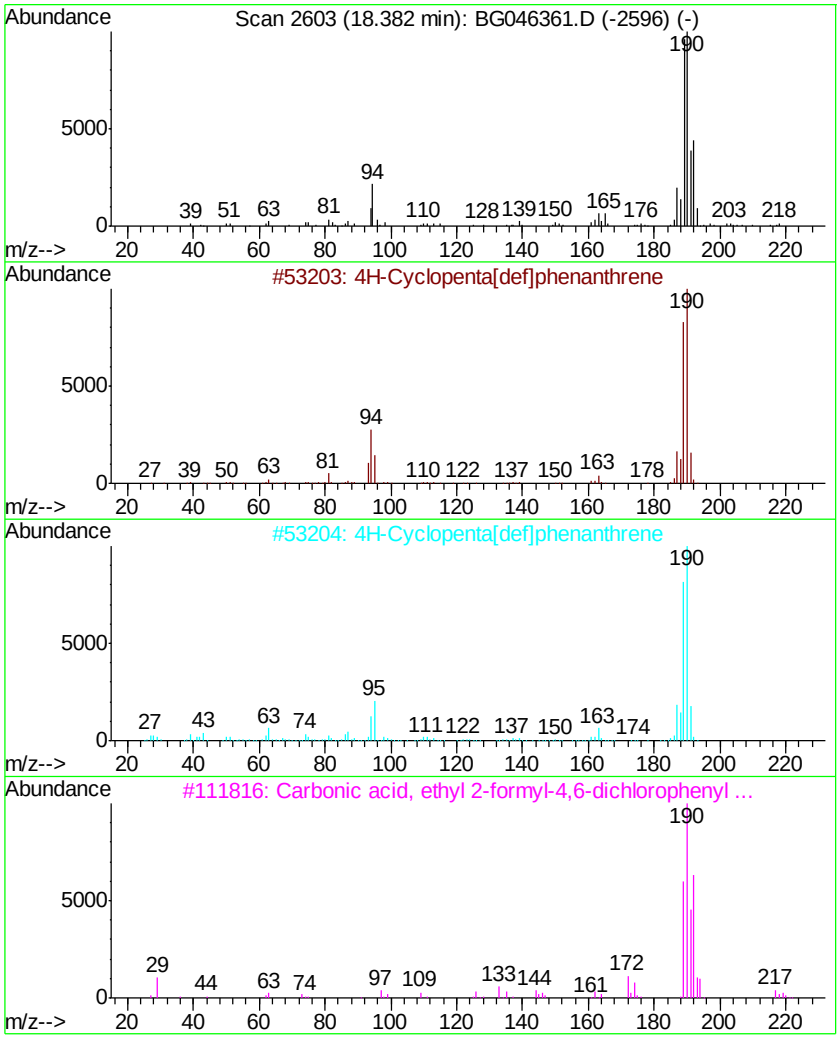
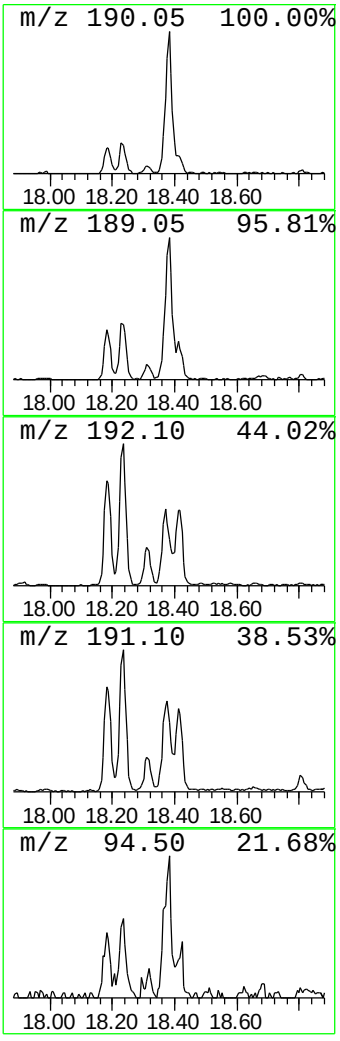
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.45 ng/ul	189595	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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Quant Title : SVOA CALIBRATION

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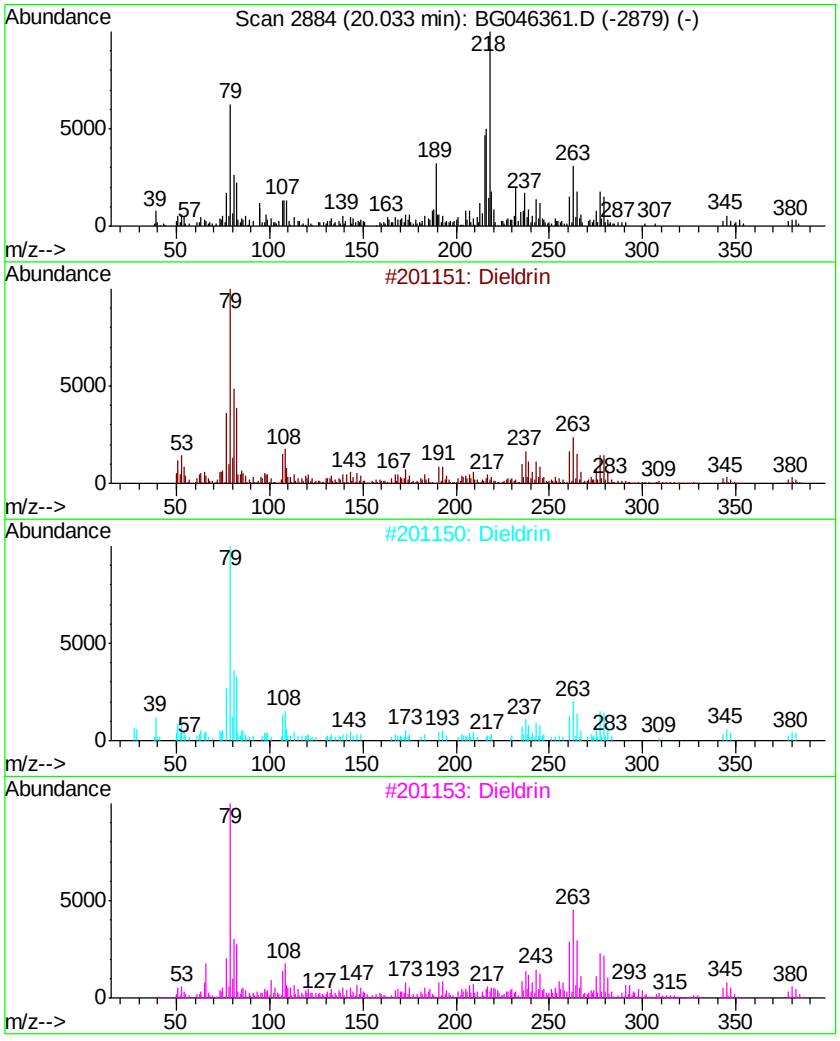
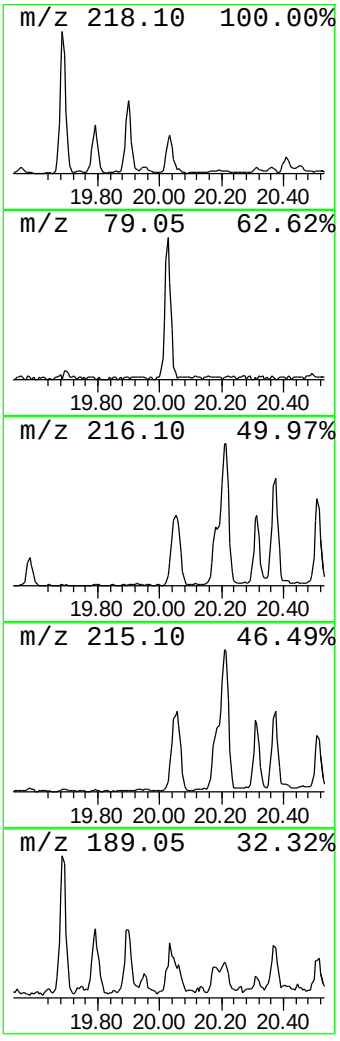
Peak Number 15 Dieldrin Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.38 ng/ul	312777	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	97
2	Dieldrin	378	C12H8Cl6O	000060-57-1	94
3	Dieldrin	378	C12H8Cl6O	000060-57-1	91
4	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	91
5	Dieldrin	378	C12H8Cl6O	000060-57-1	53





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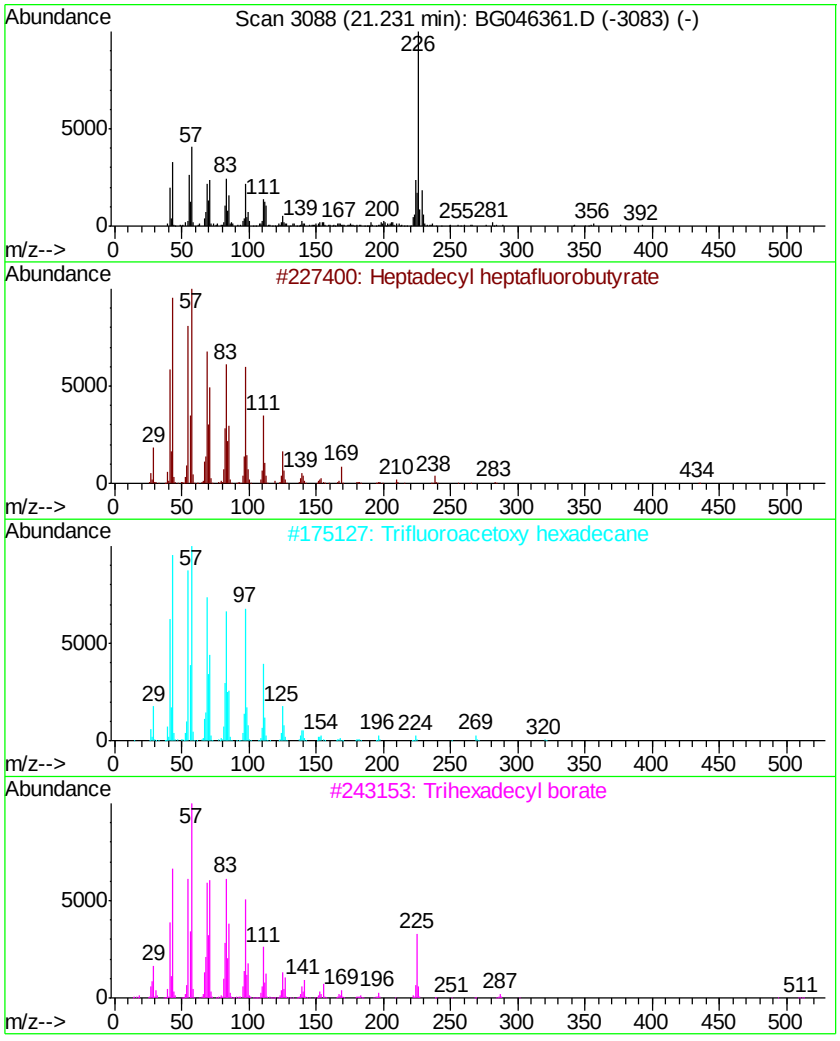
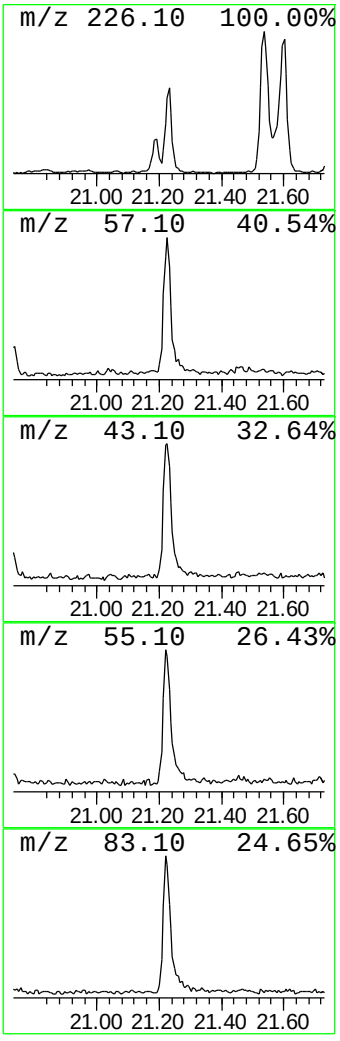
Peak Number 16 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.98 ng/ul	392288	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	42
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	42
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	41
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	38
5	1-Tricosene	322	C23H46	018835-32-0	38





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ClientSampleId : BFM99

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

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

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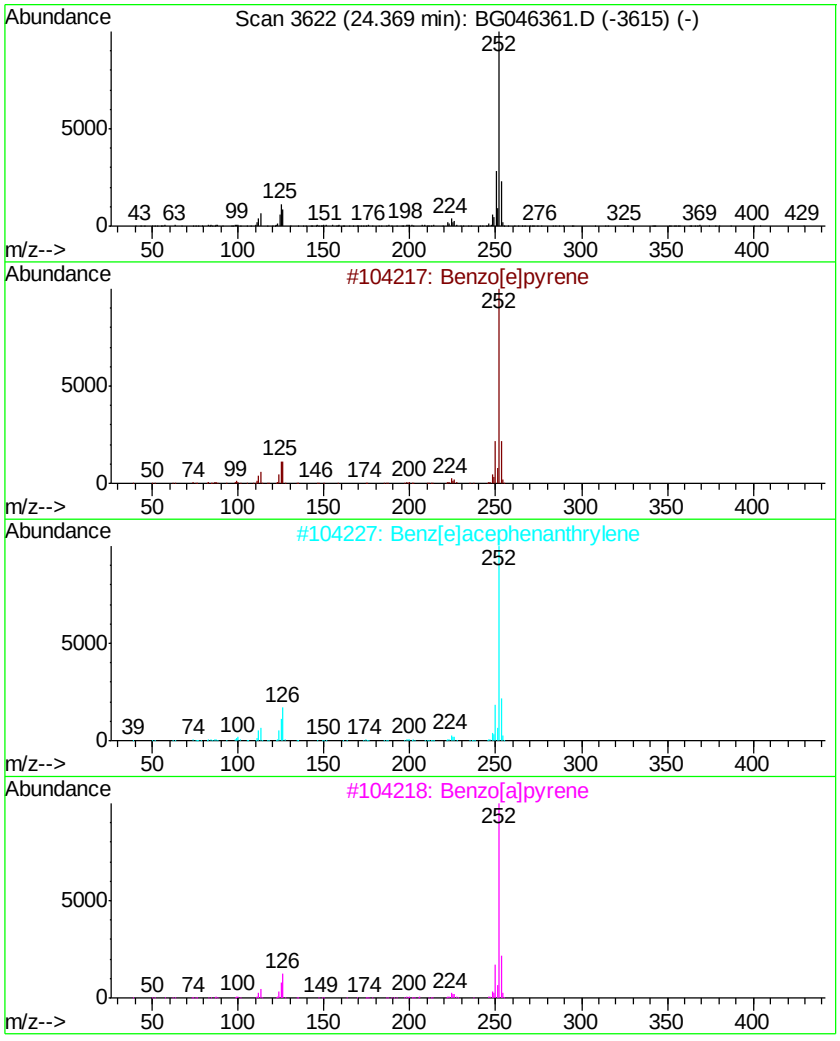
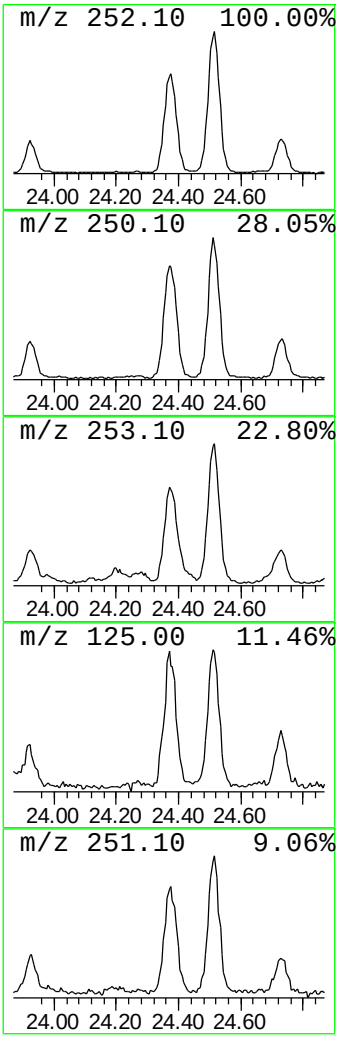
Peak Number 17 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	4.71 ng/ul	435495	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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

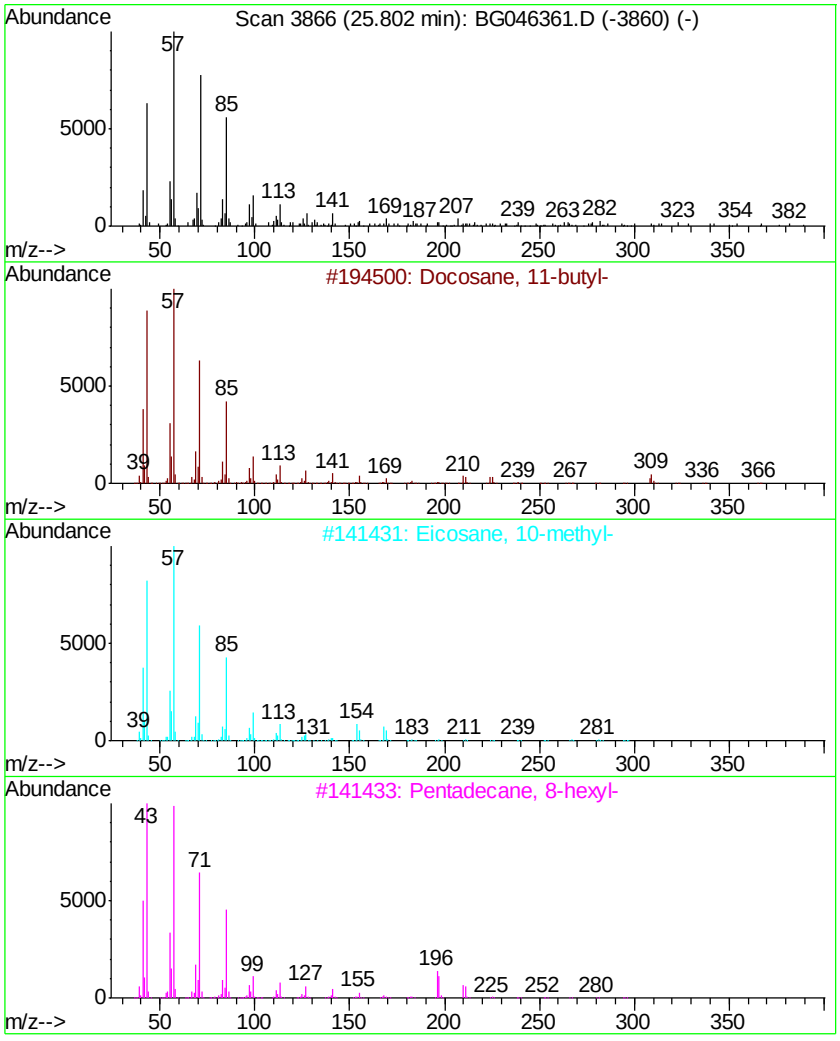
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

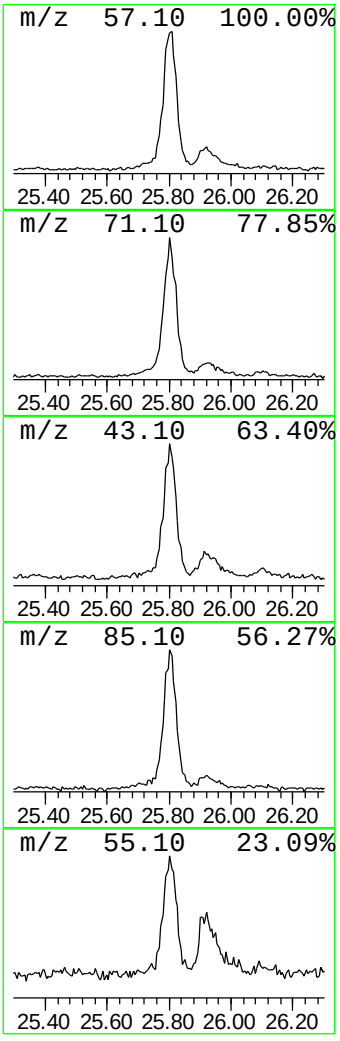
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	3.20 ng/ul	295686	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
5	Eicosane	282	C20H42	000112-95-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046361.D
Acq On : 20 Aug 2020 2:08
Operator : CG/JU
Sample : L3633-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM99

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	76.8	ng/ul	2190410	1	7.94	570753	20.0
2-Furancarboxylic...	7.11	18.4	ng/ul	526542	1	7.94	570753	20.0
unknown-01	7.27	14.0	ng/ul	398783	1	7.94	570753	20.0
unknown-02	7.47	18.9	ng/ul	540307	1	7.94	570753	20.0
unknown-03	8.65	22.0	ng/ul	628414	1	7.94	570753	20.0
1H-Imidazole, 4-m...	9.09	17.6	ng/ul	503467	1	7.94	570753	20.0
unknown-04	9.82	9.9	ng/ul	427306	2	10.73	866661	20.0
unknown-05	10.87	13.2	ng/ul	570024	2	10.73	866661	20.0
unknown-06	13.97	16.9	ng/ul	1058670	3	14.57	1250300	20.0
Dimethyl phthalate	14.02	4.0	ng/ul	248857	3	14.57	1250300	20.0
unknown-07	14.76	7.0	ng/ul	436295	3	14.57	1250300	20.0
unknown-08	15.67	6.4	ng/ul	402873	3	14.57	1250300	20.0
Phenanthrene, 2-m...	18.23	2.4	ng/ul	182429	4	17.31	1545280	20.0
4H-Cyclopenta[def...	18.38	2.5	ng/ul	189595	4	17.31	1545280	20.0
Dieldrin	20.03	2.4	ng/ul	312777	5	21.55	2630430	20.0
unknown-09	21.23	3.0	ng/ul	392288	5	21.55	2630430	20.0
Benzo[e]pyrene	24.37	4.7	ng/ul	435495	6	24.66	1847800	20.0
(DEL) Alkane: Str...	25.80	3.2	ng/ul	295686	6	24.66	1847800	20.0