LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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	3.167	8	13	42	rVB	1706509	3611264	100.00%	12.794%
2	3.425	53	57	68	rVB3	9888	19528	0.54%	0.069%
3	3.842	124	128	134	rVB2	12986	20667	0.57%	0.073%
4	3.936	139	144	153	rVV	66871	112159	3.11%	0.397%
5	4.013	153	157	162	rVV3	10097	17427	0.48%	0.062%
6	4.072	162	167	174	rVB2	18811	34474	0.95%	0.122%
7	4.718	269	277	280	rVB5	6874	12806	0.35%	0.045%
8	5.070	332	337	345	rBV	14405	24763	0.69%	0.088%
9	5.158	347	352	359	rBV3	10490	17806	0.49%	0.063%
10	7.115	678	685	698	rBV	176900	318793	8.83%	1.129%
11	7.280	706	713	723	rBV	158168	265094	7.34%	0.939%
12	7.485	741	748	758	rVB	189191	325793	9.02%	1.154%
13	7.949	820	827	835	rBV	348431	599504	16.60%	2.124%
14	8.654	939	947	958	rBV2	148629	262567	7.27%	0.930%
15	8.778	962	968	972	rVB2	7623	13722	0.38%	0.049%
16	9.101	1015	1023	1033	rBV	185787	318448	8.82%	1.128%
17	9.824	1140	1146	1160	rVB	144072	254406	7.04%	0.901%
18	10.364	1230	1238	1250	rBV	220241	395482	10.95%	1.401%
19	10.746	1295	1303	1310	rBV	489933	857567	23.75%	3.038%
20	10.875	1317	1325	1337	rBV2	126835	253493	7.02%	0.898%
21	13.901	1835	1840	1844	rVB2	9165	14293	0.40%	0.051%
22	13.978	1844	1853	1858	rBV	435467	640330	17.73%	2.269%
23	14.025	1858	1861	1868	rVV	146457	207618	5.75%	0.736%
24	14.265	1892	1902	1913	rBV	489196	784949	21.74%	2.781%
25	14.577	1948	1955	1962	rVV	762057	1186992	32.87%	4.205%
26	14.636	1962	1965	1973	rVB3	9417	17097	0.47%	0.061%
27	14.771	1982	1988	2000	rBV	72969	165387	4.58%	0.586%
28	14.976	2018	2023	2030	rVB2	13808	27770	0.77%	0.098%
29	15.053	2033	2036	2042	rVB5	7841	11205	0.31%	0.040%
30	15.200	2054	2061	2066	rVB7	4982	10770	0.30%	0.038%
31	15.370	2086	2090	2098	rVB5	5567	13149	0.36%	0.047%
32	15.564	2117	2123	2130	rBV	645485	996519	27.59%	3.530%
33	15.623	2130	2133	2137	rVV3	17610	22597	0.63%	0.080%
34	15.676	2137	2142	2151	rVV	120837	184195	5.10%	0.653%

LSC Area Percent Report

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Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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	15.916	2179	2183	2192	rVB3	11047	18980	0.53%	0.067%
36	16.063	2201	2208	2215	rBV3	9755	22030	0.61%	0.078%
37	16.298	2243	2248	2250	rBV3	9654	14095	0.39%	0.050%
38	16.627	2299	2304	2309	rVV6	9560	20406	0.57%	0.072%
39	16.857	2339	2343	2347	rBV4	12577	17810	0.49%	0.063%
40	16.968	2358	2362	2371	rVB	25825	43210	1.20%	0.153%
41	17.050	2371	2376	2379	rBV4	10022	17690	0.49%	0.063%
42	17.139	2388	2391	2395	rVB	13779	17365	0.48%	0.062%
43	17.315	2415	2421	2425	rBV	921997	1393883	38.60%	4.938%
44	17.356	2425	2428	2433	rVV	317952	462796	12.82%	1.640%
45	17.415	2433	2438	2450	rVV2	664546	1067291	29.55%	3.781%
46	17.503	2450	2453	2460	rVV5	12103	22750	0.63%	0.081%
47	17.632	2472	2475	2479	rVV4	10048	13858	0.38%	0.049%
48	17.714	2479	2489	2494	rVV3	18275	47636	1.32%	0.169%
49	17.761	2494	2497	2502	rVV6	9041	17445	0.48%	0.062%
50	17.838	2505	2510	2514	rVV5	18165	32395	0.90%	0.115%
51	17.897	2516	2520	2526	rVV4	18129	32604	0.90%	0.116%
52	17.996	2534	2537	2541	rVV5	9382	13707	0.38%	0.049%
53	18.114	2553	2557	2562	rBV6	8958	11258	0.31%	0.040%
54	18.190	2563	2570	2572	rBV	72550	103253	2.86%	0.366%
55	18.220	2572	2575	2577	rVV2	100955	152701	4.23%	0.541%
56	18.243	2577	2579	2585	rVV	103831	121137	3.35%	0.429%
57	18.320	2588	2592	2597	rVB3	19081	28689	0.79%	0.102%
58	18.384	2597	2603	2607	rBV2	76269	150527	4.17%	0.533%
59	18.425	2607	2610	2616	rVB	54346	77214	2.14%	0.274%
60	18.508	2621	2624	2628	rBV5	7182	13911	0.39%	0.049%
61	18.690	2650	2655	2658	rBV	58777	82634	2.29%	0.293%
62	18.725	2658	2661	2667	rVB	56084	81312	2.25%	0.288%
63	18.825	2673	2678	2680	rBV4	7757	13915	0.39%	0.049%
64	18.936	2694	2697	2700	rBV2	20864	25136	0.70%	0.089%
65	18.983	2702	2705	2709	rVV	20642	28915	0.80%	0.102%
66	19.019	2709	2711	2716	rVB2	16344	21506	0.60%	0.076%
67	19.107	2721	2726	2731	rBV2	53821	85170	2.36%	0.302%
68	19.166	2731	2736	2739	rBV4	21430	46531	1.29%	0.165%
69	19.242	2745	2749	2757	rBV2	58312	103357	2.86%	0.366%
70	19.365	2765	2770	2777	rVB	714154	969868	26.86%	3.436%
71	19.436	2778	2782	2784	rBV2	16437	20164	0.56%	0.071%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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

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

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

72	19.471	2784	2788	2789	rBV3	15736	19805	0.55%	0.070%
73	19.489	2789	2791	2793	rVB2	18272	16291	0.45%	0.058%
74	19.559	2800	2803	2806	rBV4	18655	21201	0.59%	0.075%
75	19.700	2821	2827	2830	rBV	905803	1467557	40.64%	5.199%
76	19.724	2830	2831	2839	rVV	597545	676821	18.74%	2.398%
77	19.800	2840	2844	2850	rVB2	38610	70648	1.96%	0.250%
78	19.906	2857	2862	2867	rBV	39175	63704	1.76%	0.226%
79	19.965	2869	2872	2878	rVB3	32420	47211	1.31%	0.167%
80	20.053	2881	2887	2894	rBV3	61129	168990	4.68%	0.599%
81	20.182	2906	2909	2912	rBV4	32495	59687	1.65%	0.211%
82	20.217	2912	2915	2919	rVB	96821	137943	3.82%	0.489%
83	20.317	2929	2932	2936	rBV	49391	70571	1.95%	0.250%
84	20.376	2937	2942	2947	rVB2	77355	134419	3.72%	0.476%
85	20.517	2963	2966	2970	rVB	41227	50181	1.39%	0.178%
86	20.558	2970	2973	2978	rBV2	42239	65254	1.81%	0.231%
87	20.969	3039	3043	3049	rVB	83541	140114	3.88%	0.496%
88	21.146	3068	3073	3078	rBV2	48151	108926	3.02%	0.386%
89	21.198	3078	3082	3084	rVV	60579	90659	2.51%	0.321%
90	21.228	3084	3087	3095	rVV3	310524	527323	14.60%	1.868%
91	21.293	3095	3098	3107	rVB2	85472	150126	4.16%	0.532%
92	21.563	3136	3144	3149	rBV2	1059141	2144276	59.38%	7.597%
93	21.610	3149	3152	3163	rVB	305684	477843	13.23%	1.693%
94	21.768	3173	3179	3183	rBV4	54154	136969	3.79%	0.485%
95	23.690	3499	3506	3514	rBV	226453	737779	20.43%	2.614%
96	23.825	3524	3529	3534	rBV	76447	135354	3.75%	0.480%
97	24.383	3619	3624	3629	rBV	108895	215026	5.95%	0.762%
98	24.454	3630	3636	3643	rVV	381476	901762	24.97%	3.195%
99	24.524	3644	3648	3661	rVB	176582	419187	11.61%	1.485%
100	24.671	3664	3673	3680	rBV2	576346	1539260	42.62%	5.453%

Sum of corrected areas: 28226670

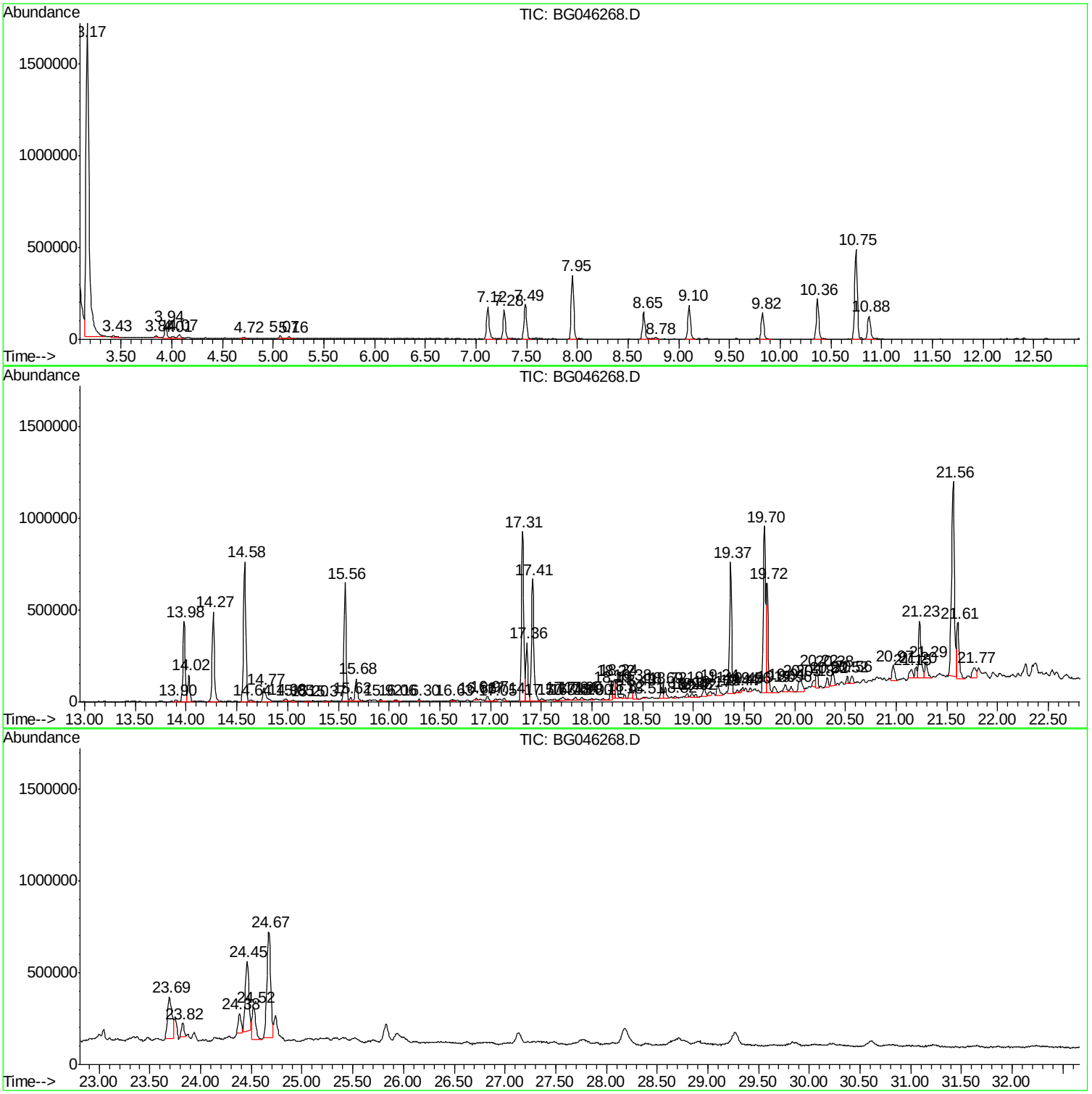
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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\BG081320\
Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
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Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

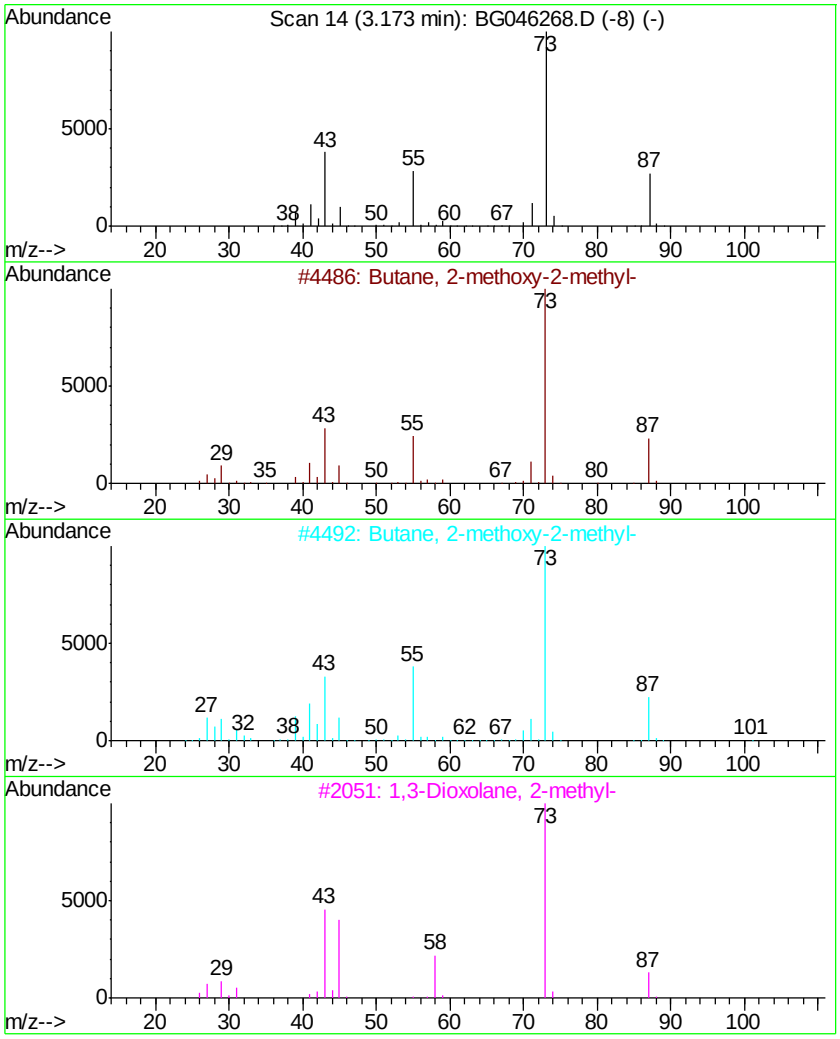
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

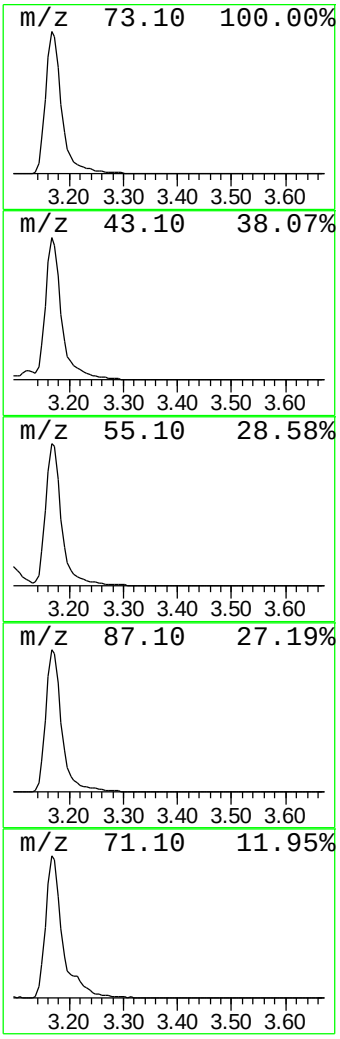
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	120.48 ng/ul	3611260	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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

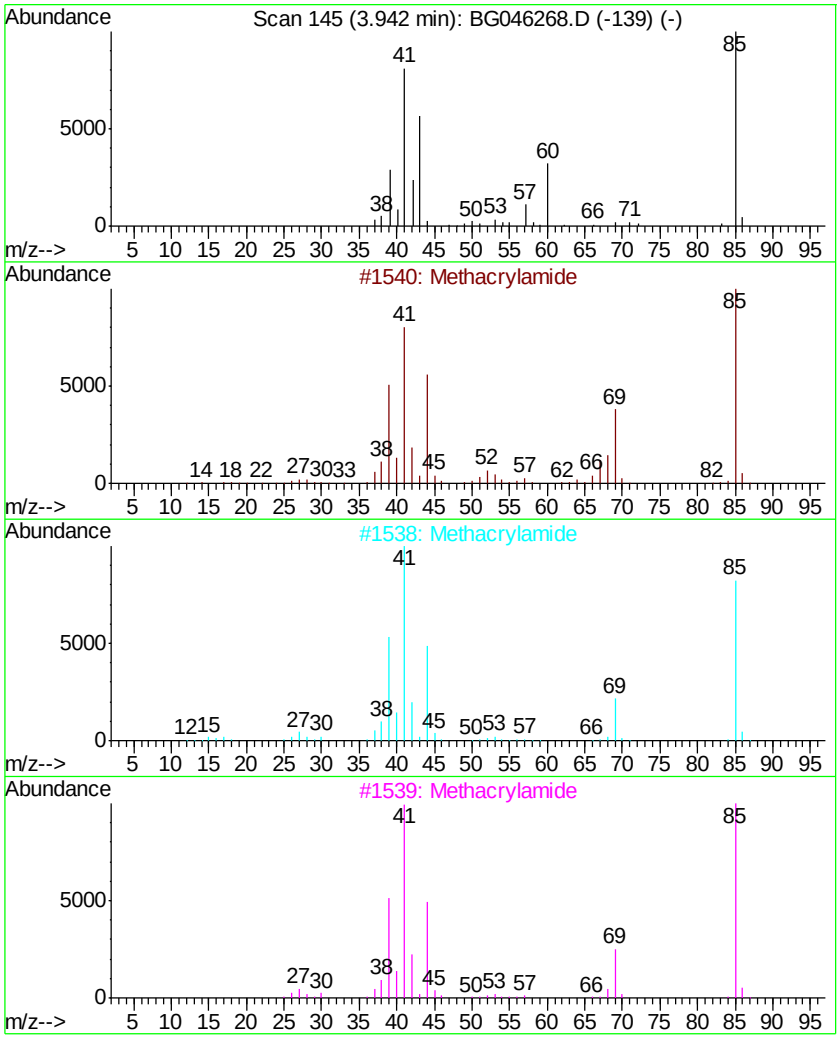
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

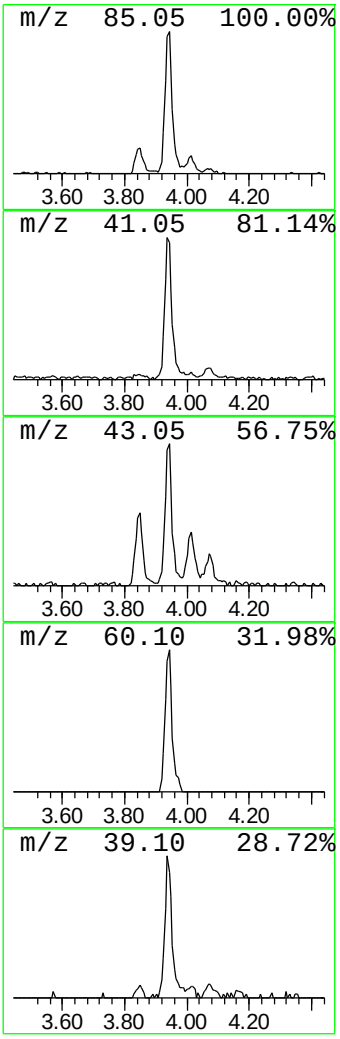
****

Peak Number 2 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	3.74 ng/ul	112159	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	2,2'-Bi-2H-pyran, octahydro-	170	C10H18O2	016282-29-4	25
5	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046268.D
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Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

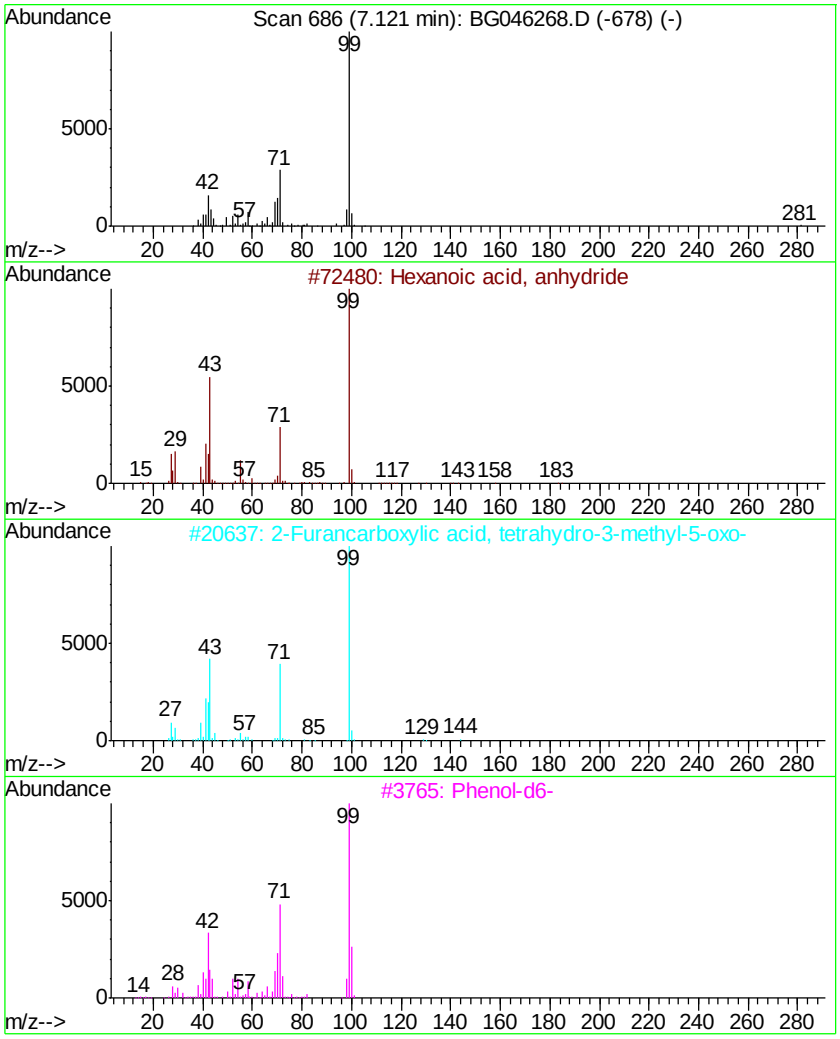
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

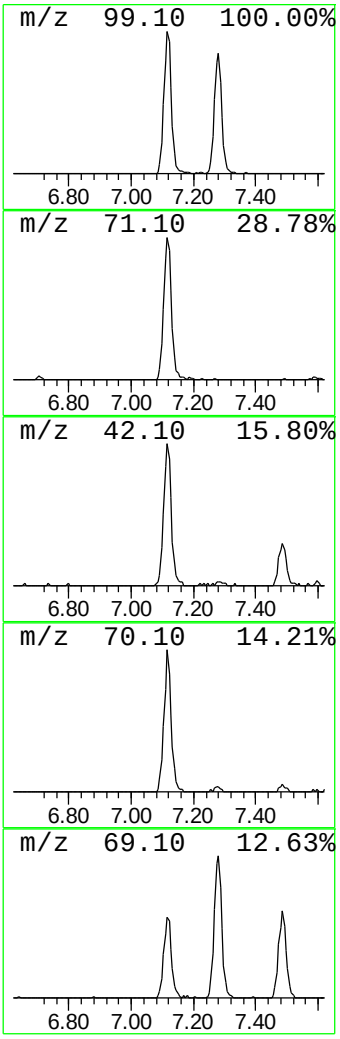
****

Peak Number 3 Hexanoic acid, anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	10.64 ng/ul	318793	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
2	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
3	Phenol-d6-	100	C6D6O	013127-88-3	45
4	2-Piperidinone	99	C5H9NO	000675-20-7	42
5	Dihydropyrimidine-4,6-dione, 5-[...	373	C18H23N5O2S	1000304-28-2	40





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Data File : BG046268.D
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Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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

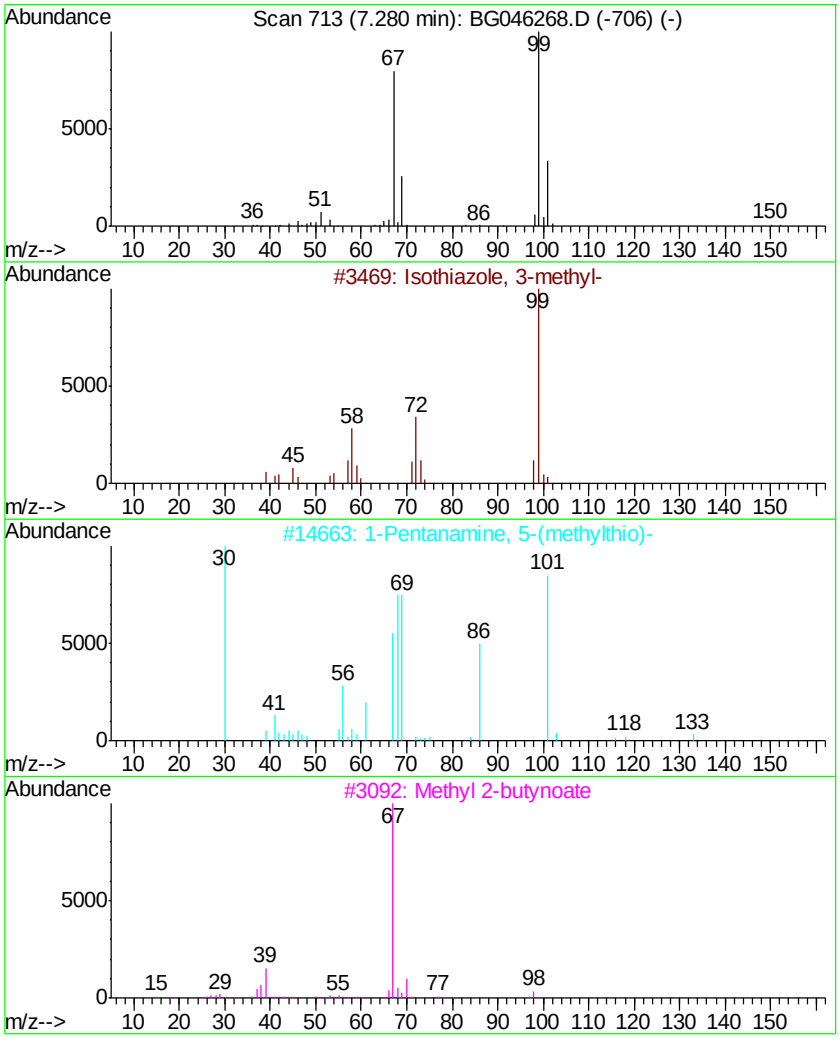
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

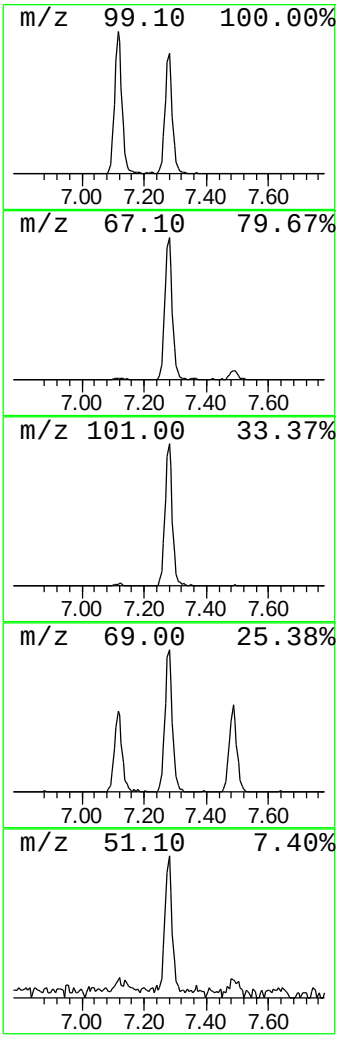
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	8.84 ng/ul	265094	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	7
3	Methyl 2-butynoate	98	C5H6O2	023326-27-4	5
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5
5	Succinimide	99	C4H5NO2	000123-56-8	5





Library Search Compound Report

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Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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

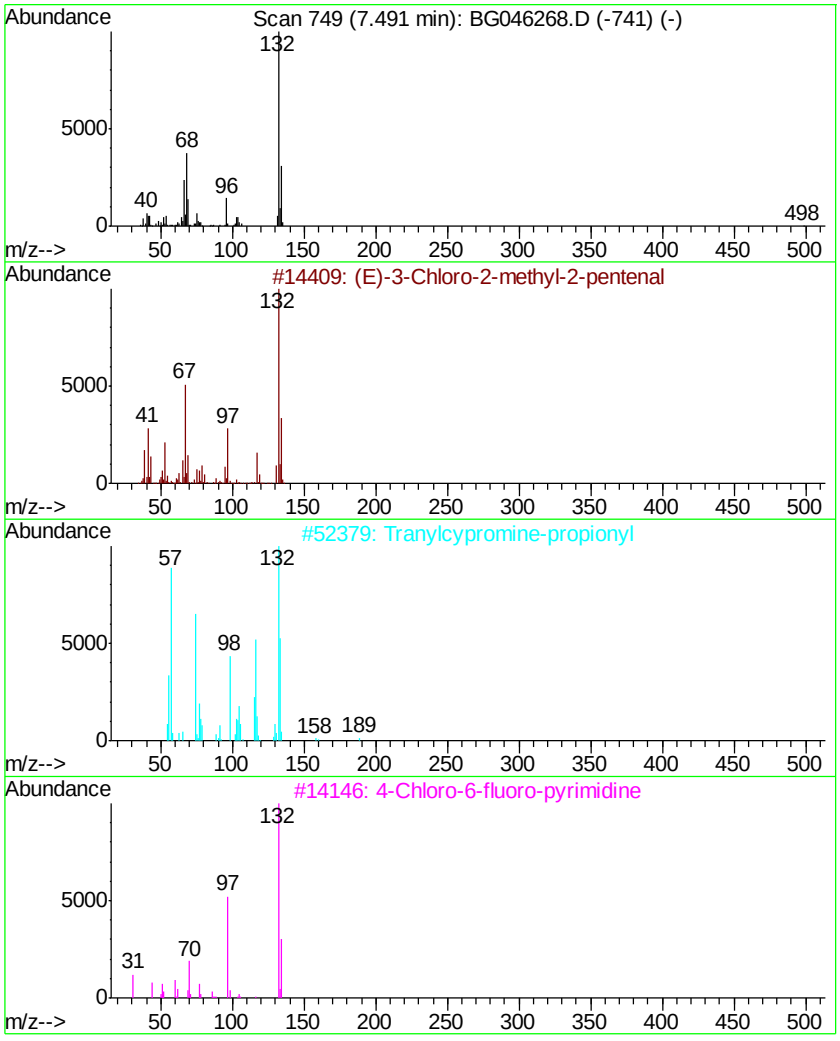
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

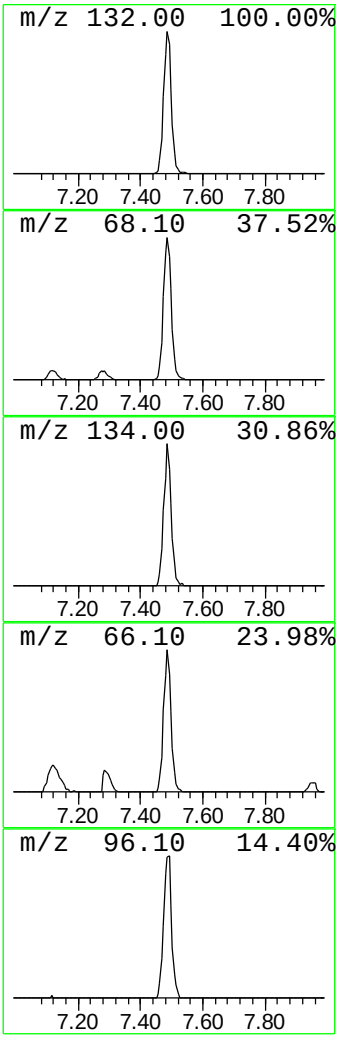
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	10.87 ng/ul	325793	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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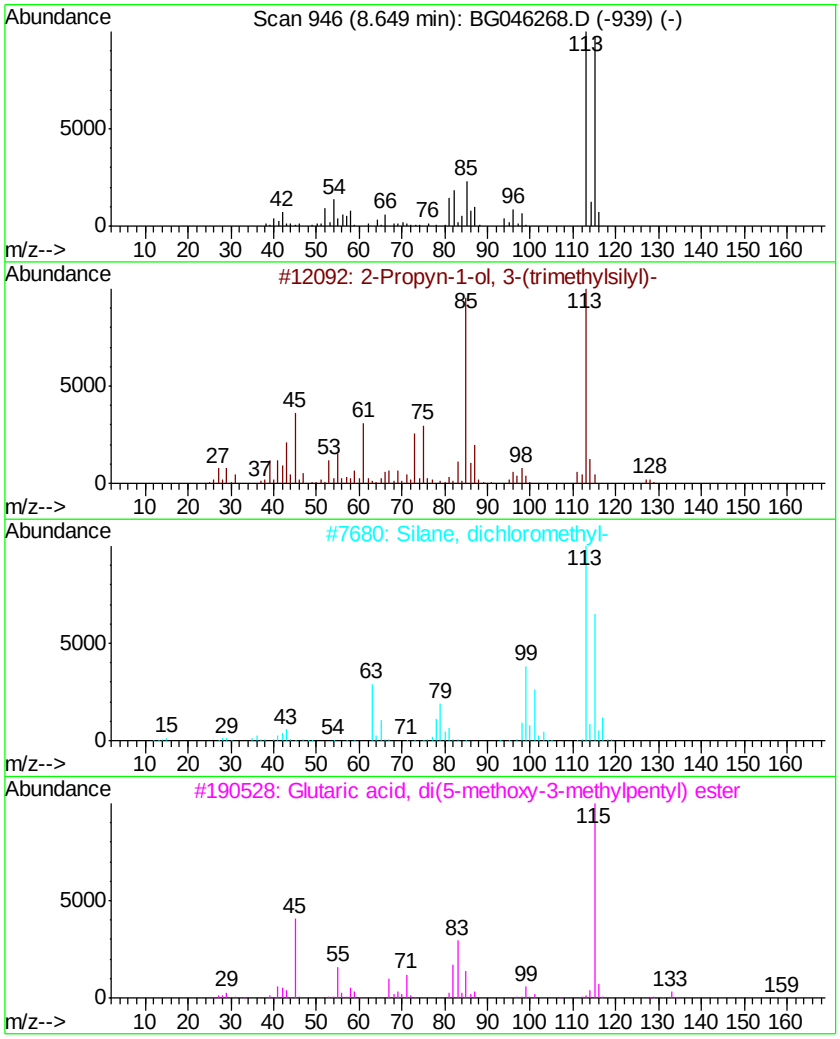
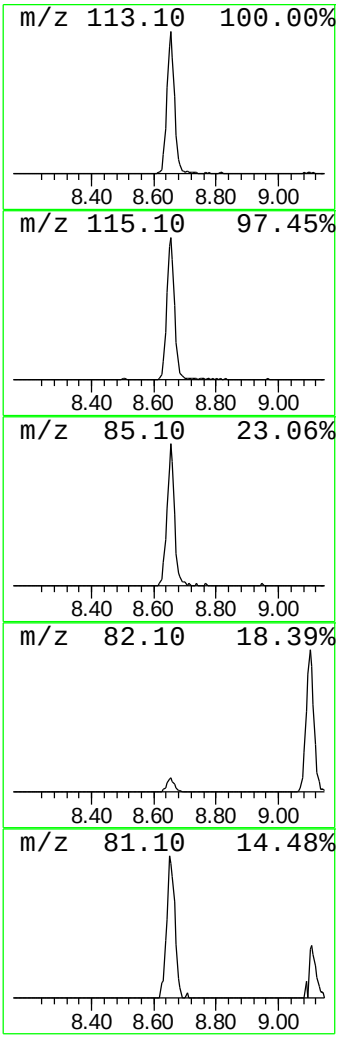
Peak Number 6 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.76 ng/ul	262567	1,4-Dichlorobenzene-d4	7.96

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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
5	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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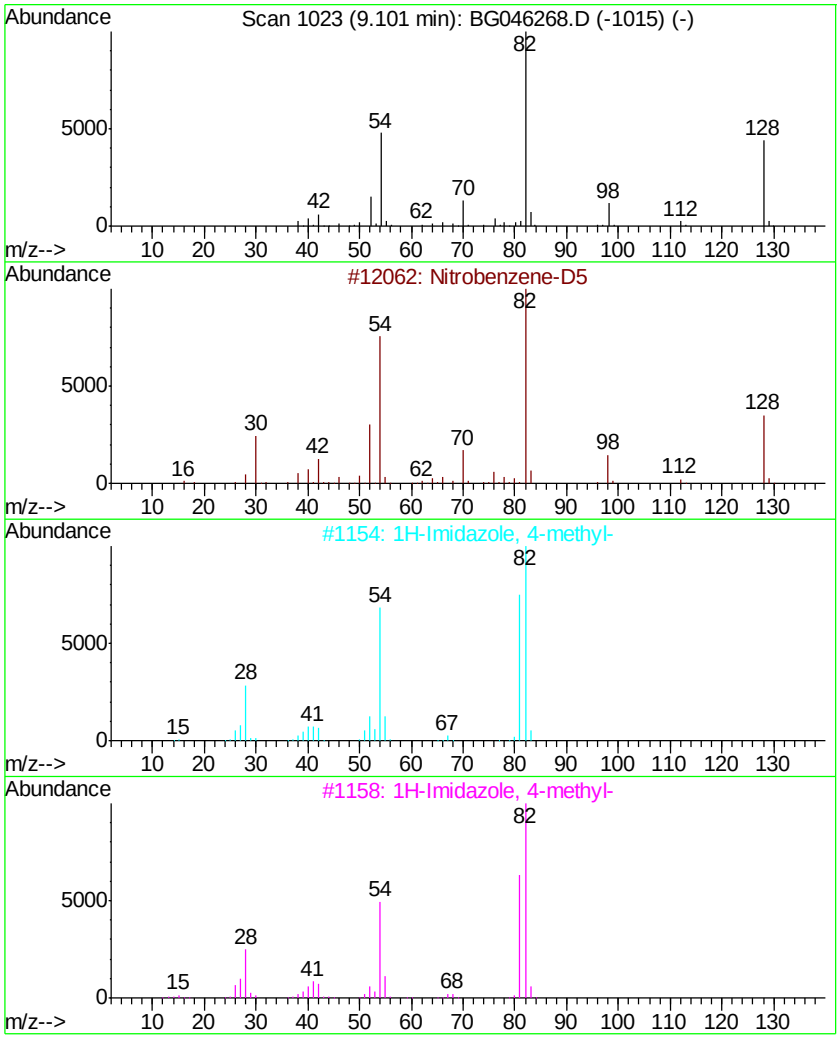
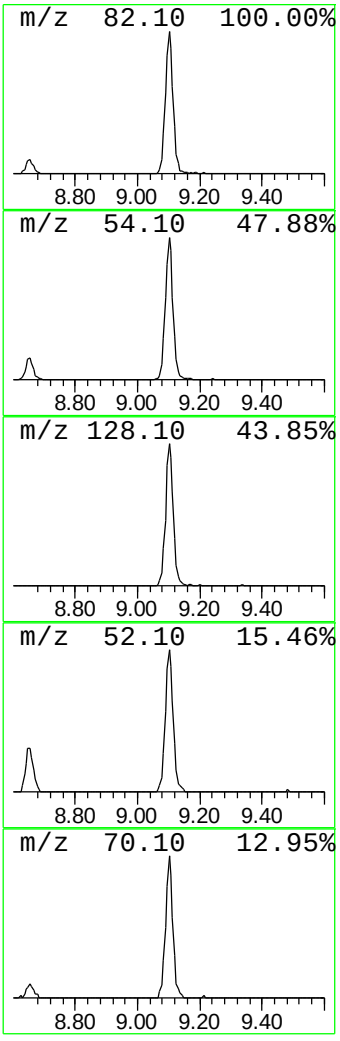
Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	10.62 ng/ul	318448	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	87
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
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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Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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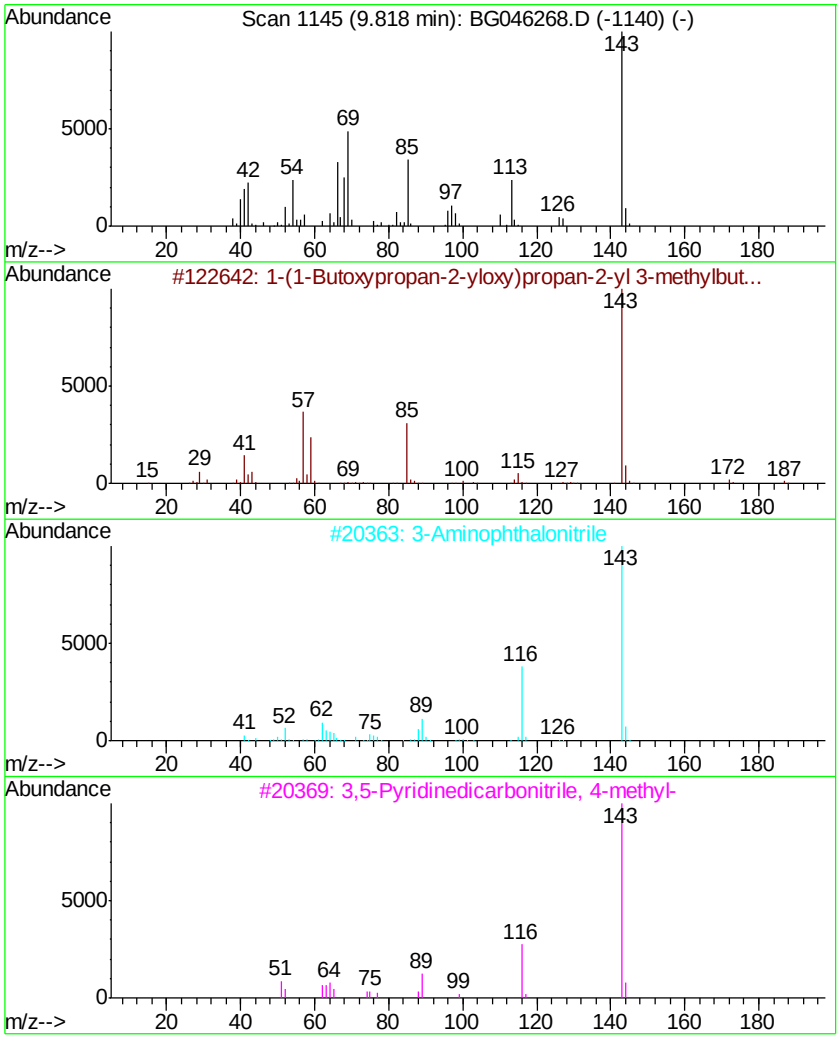
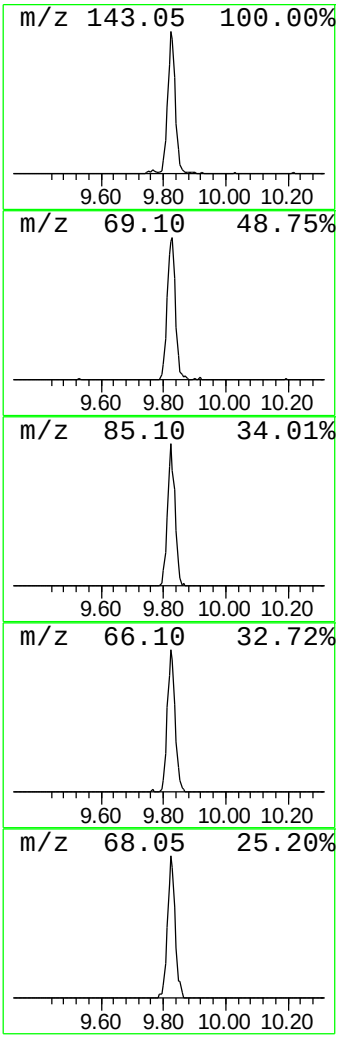
Peak Number 8 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.93 ng/ul	254406	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
2	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
3	3,5-Pyridinedicarbonitrile, 4-me...	143	C8H5N3	004574-75-8	10
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	9
5	2,3-Dimethyl-5-methylamino-1,3,4...	143	C5H9N3S	1000288-97-2	9





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Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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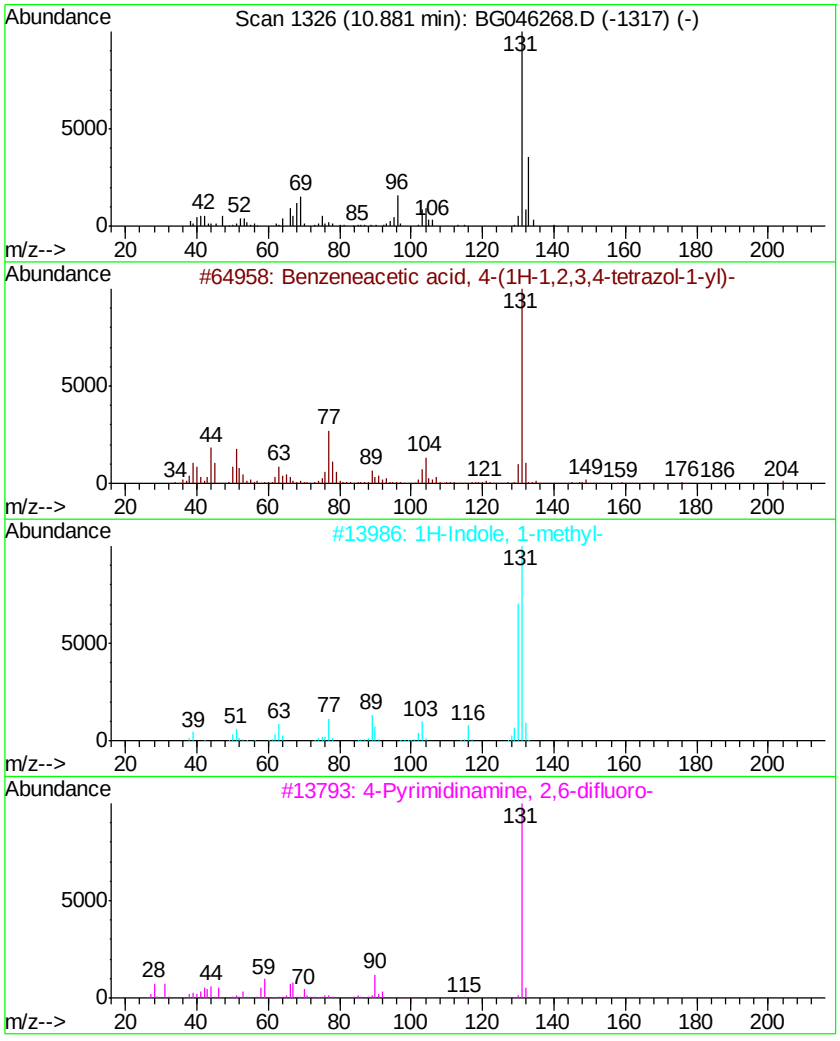
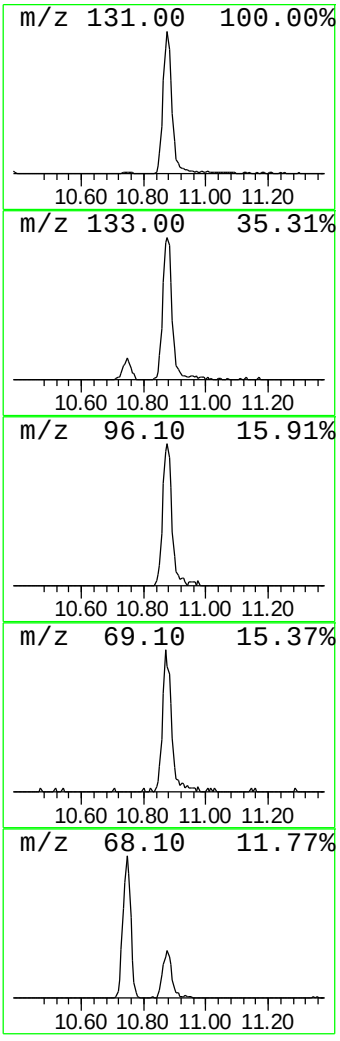
Peak Number 9 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	5.91 ng/ul	253493	Naphthalene-d8	10.75

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	4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9
5	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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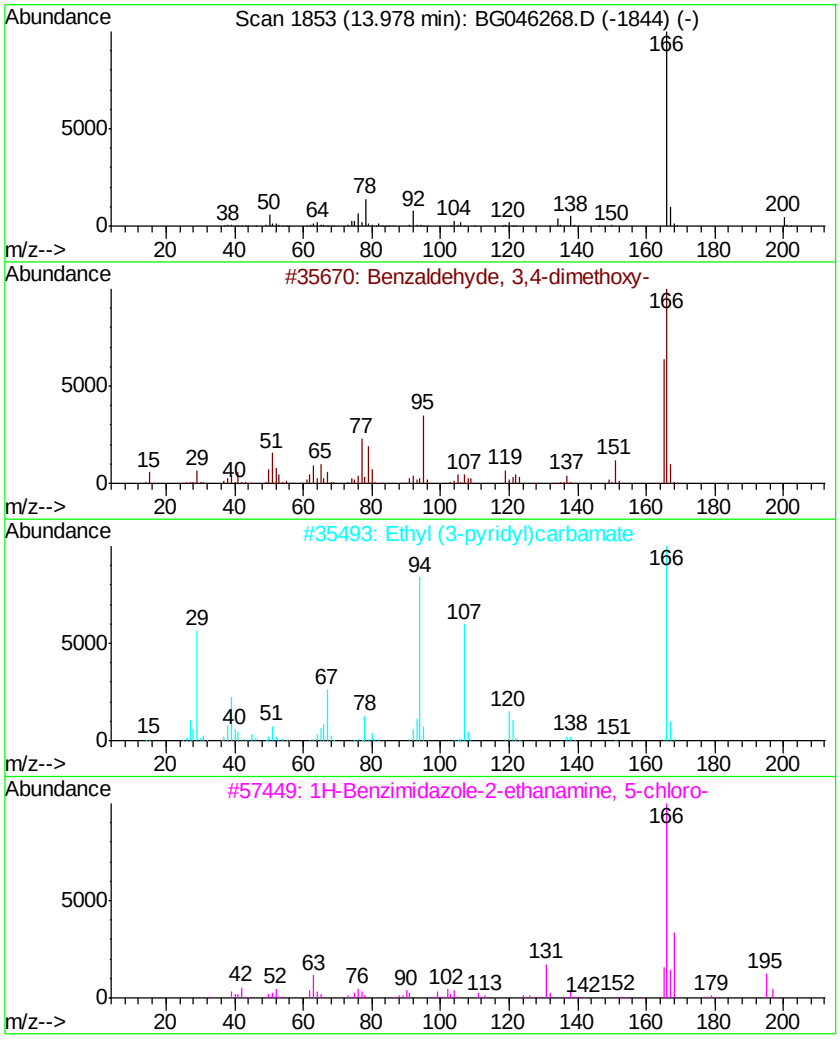
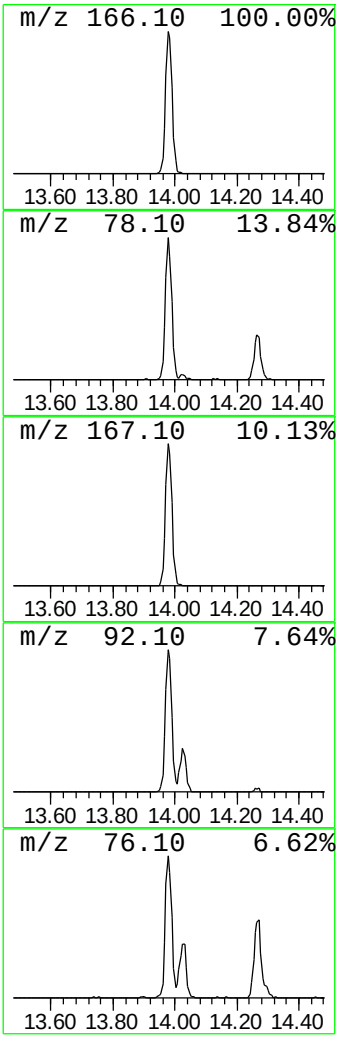
Peak Number 10 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	10.79 ng/ul	640330	Acenaphthene-d10	14.58

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	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Sample : L3629-15
Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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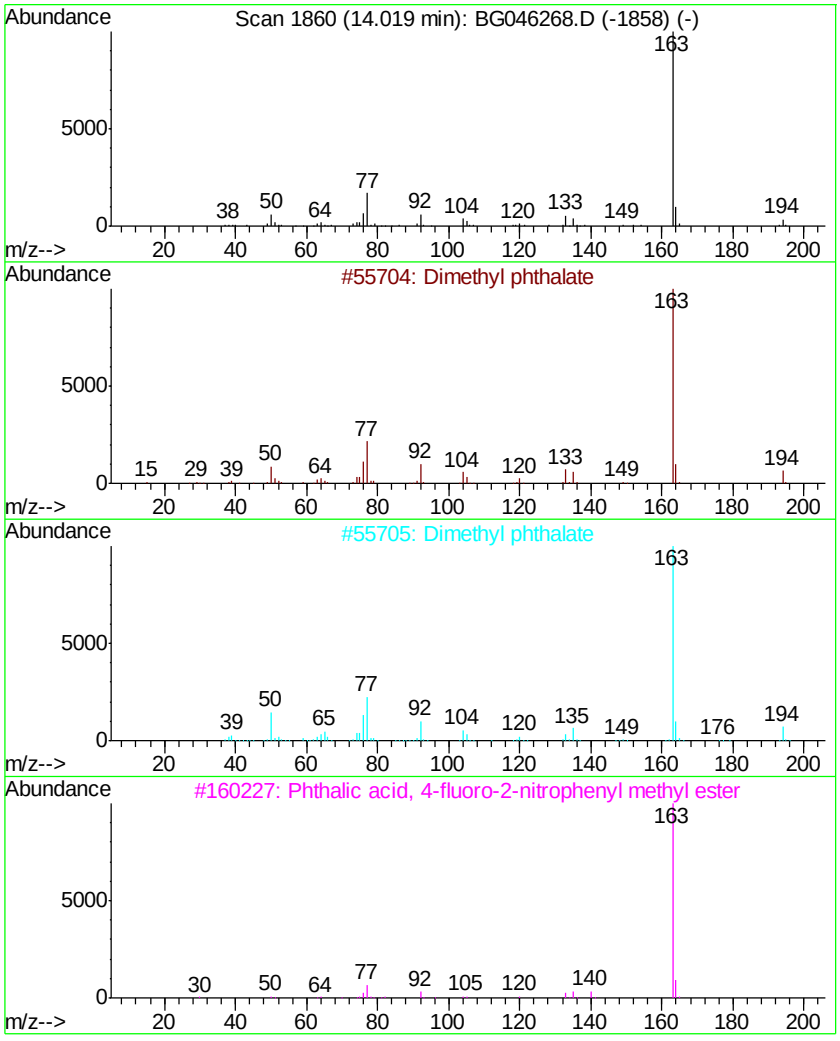
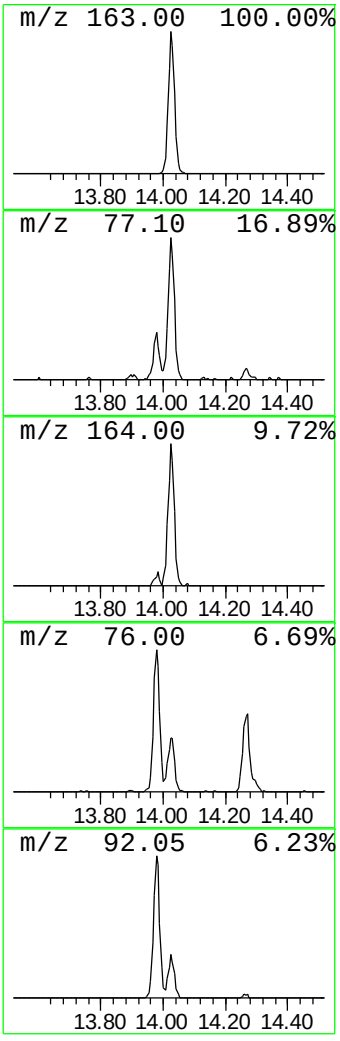
Peak Number 11 Dimethyl phthalate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.50 ng/ul	207618	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	95
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	83
4	Phthalic acid, 4-isopropylphenyl...	298	C18H18O4	1000315-65-7	83
5	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	83





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Sample : L3629-15
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Instrument : BNA_G
ClientSampleId : BFM62

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Quant Title : SVOA CALIBRATION

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

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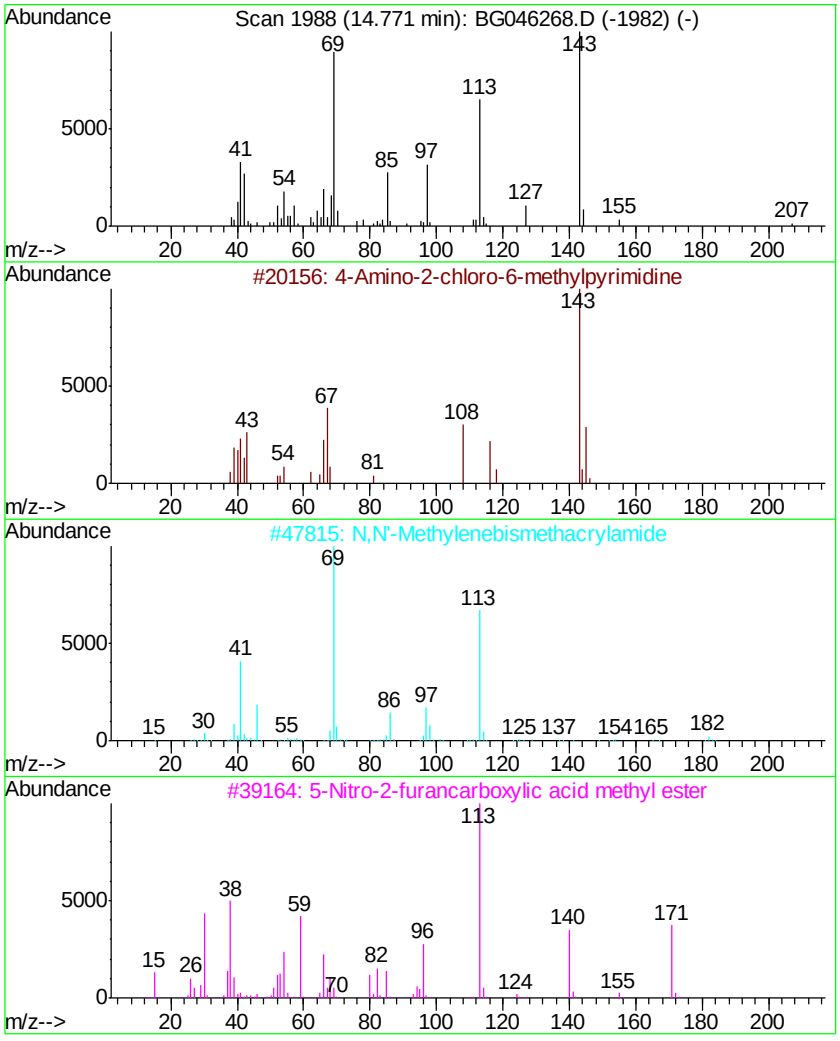
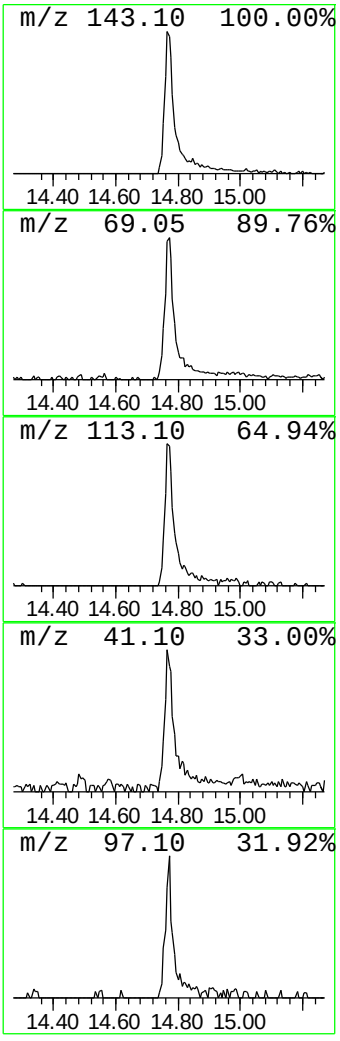
Peak Number 12 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.79 ng/ul	165387	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	35
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	12
3	5-Nitro-2-furancarboxylic acid m...	171	C6H5NO5	001874-23-3	12
4	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	12
5	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	10





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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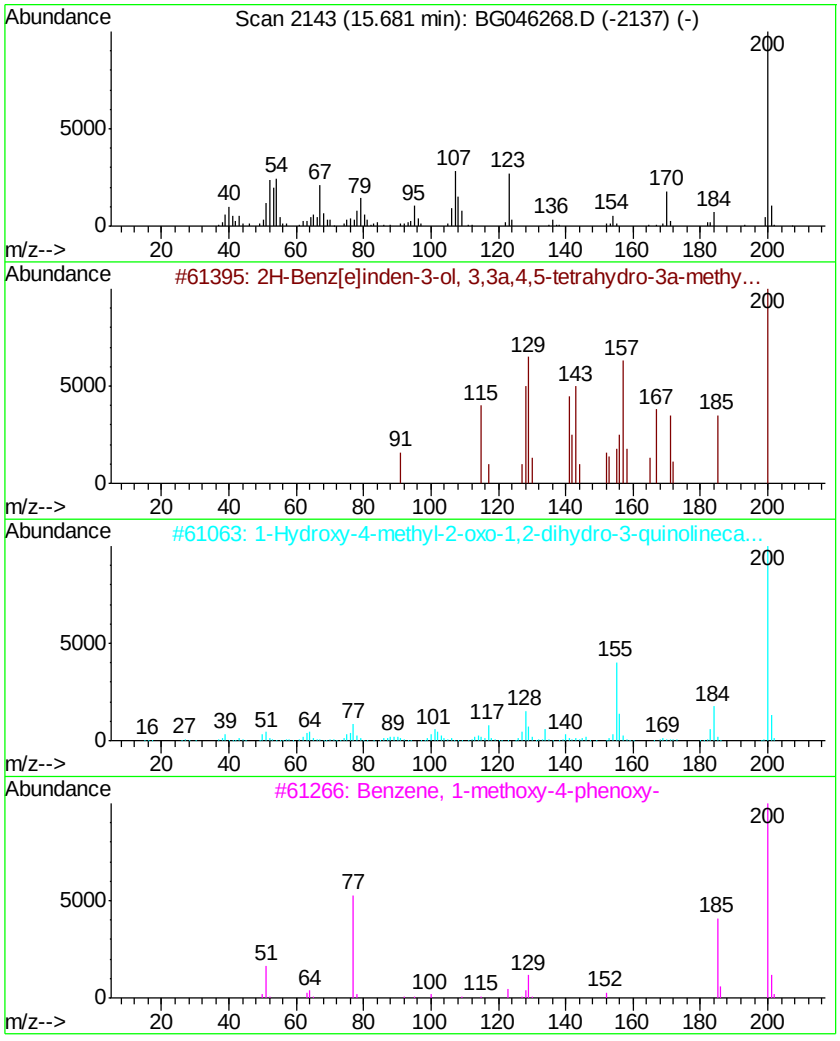
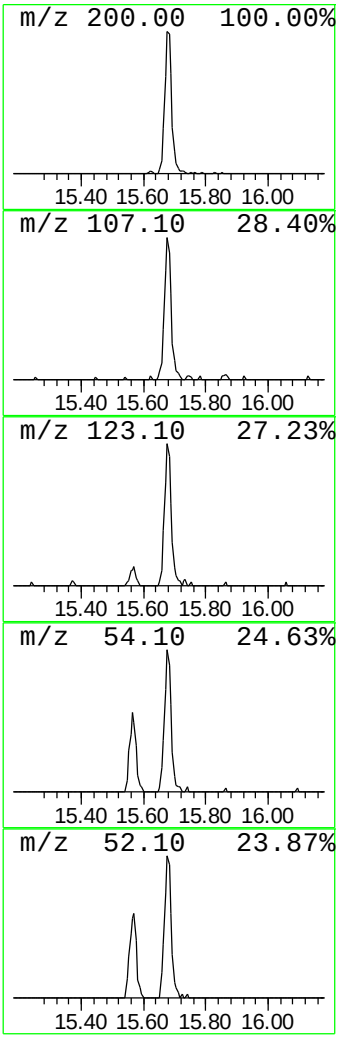
Peak Number 13 unknown-09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.10 ng/ul	184195	Acenaphthene-d10	14.58

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	35
2	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	22
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
4	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	16
5	2-Aminocaprylic acid, N-propoxyc...	455	C27H53NO4	1000325-43-1	14





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Quant Title : SVOA CALIBRATION

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

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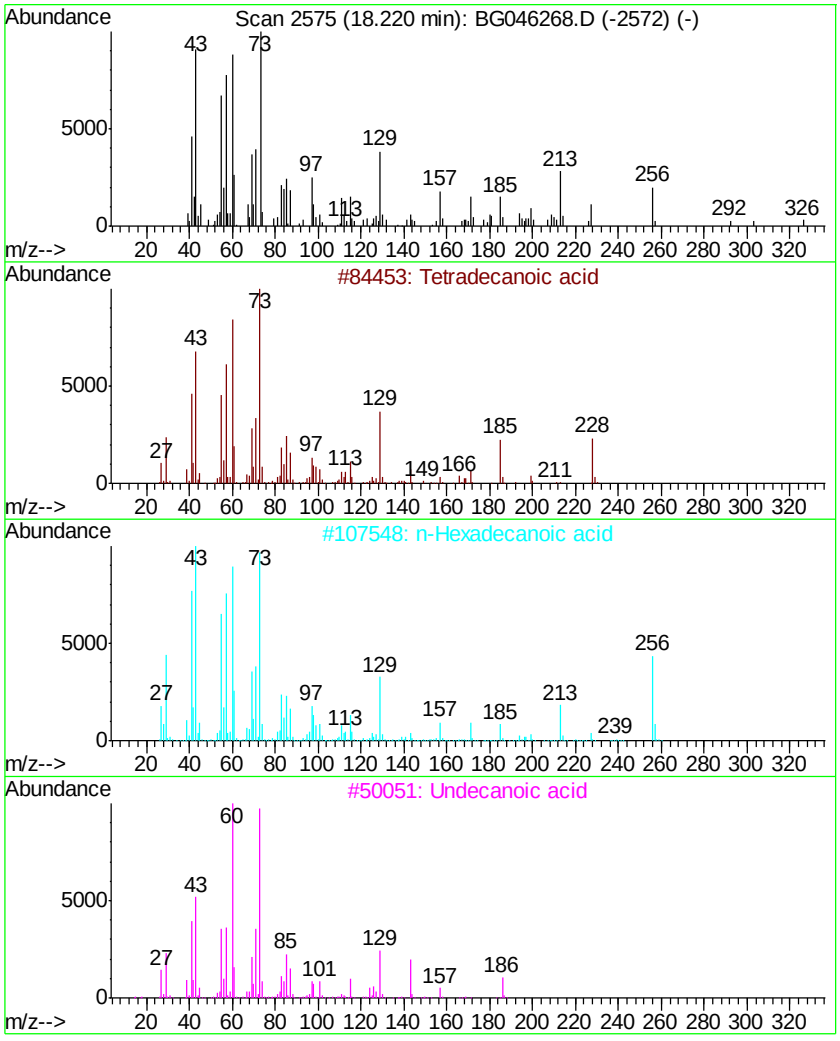
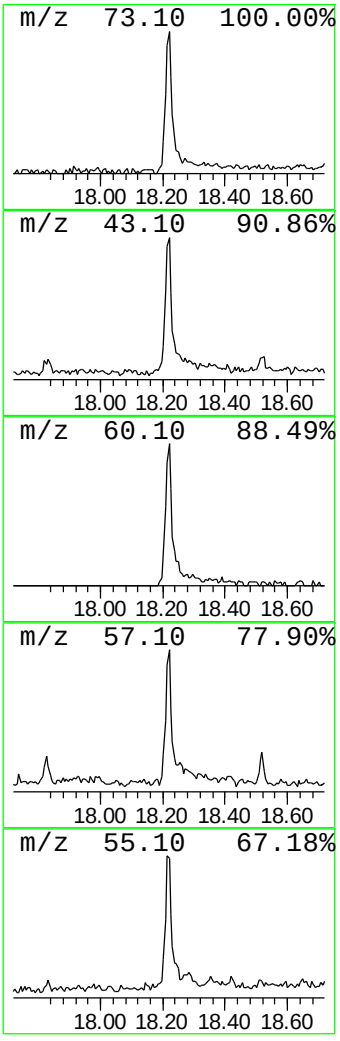
Peak Number 14 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.19 ng/ul	152701	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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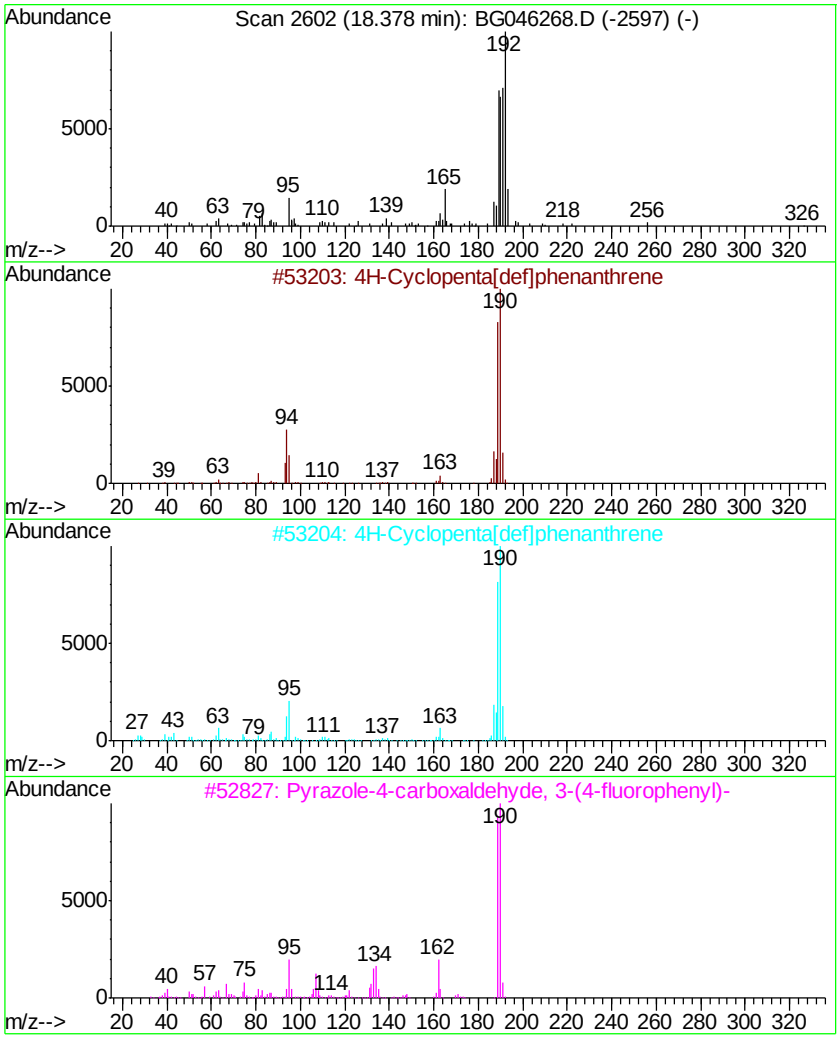
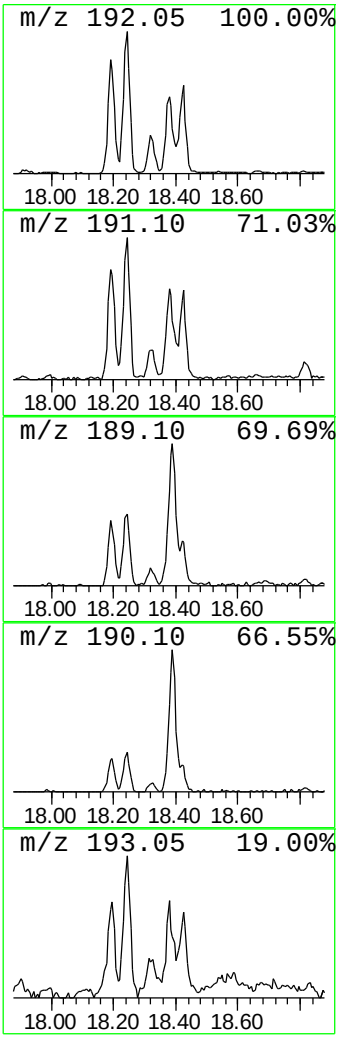
Peak Number 15 unknown-10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.16 ng/ul	150527	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4	Dodecanoic acid, 2,2,2-trichloro...	330	C14H25Cl3O2	1000360-54-3	43
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Quant Title : SVOA CALIBRATION

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

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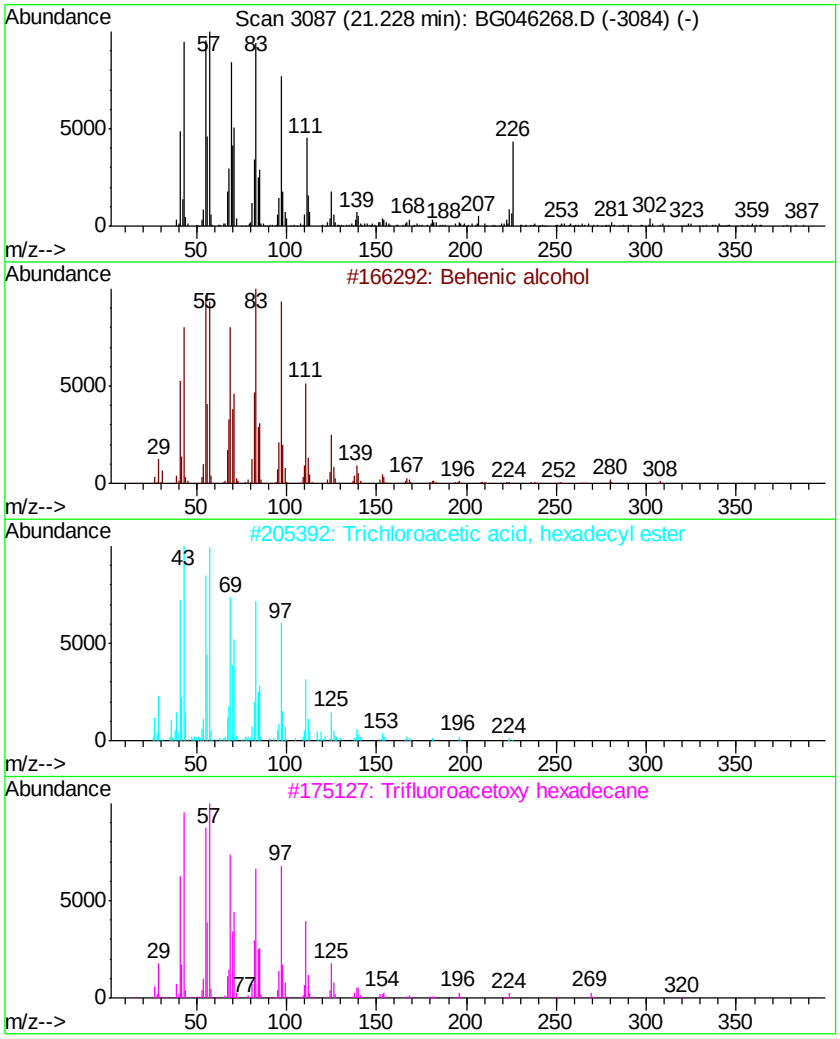
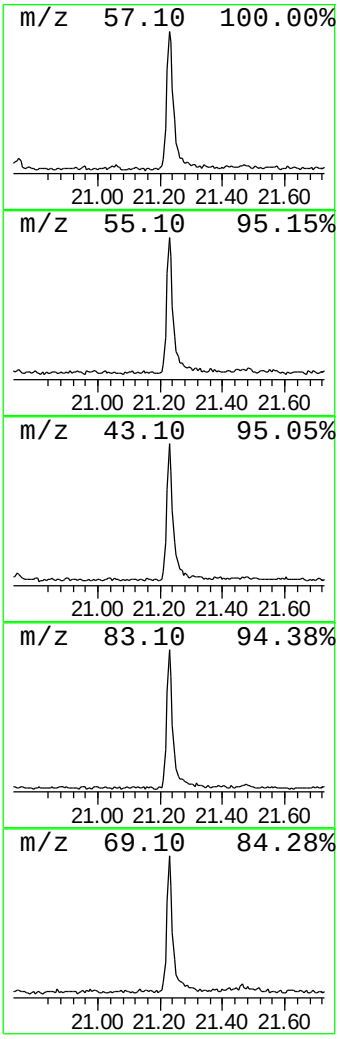
Peak Number 16 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.92 ng/ul	527323	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	Cyclohexadecane	224	C16H32	000295-65-8	90





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Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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

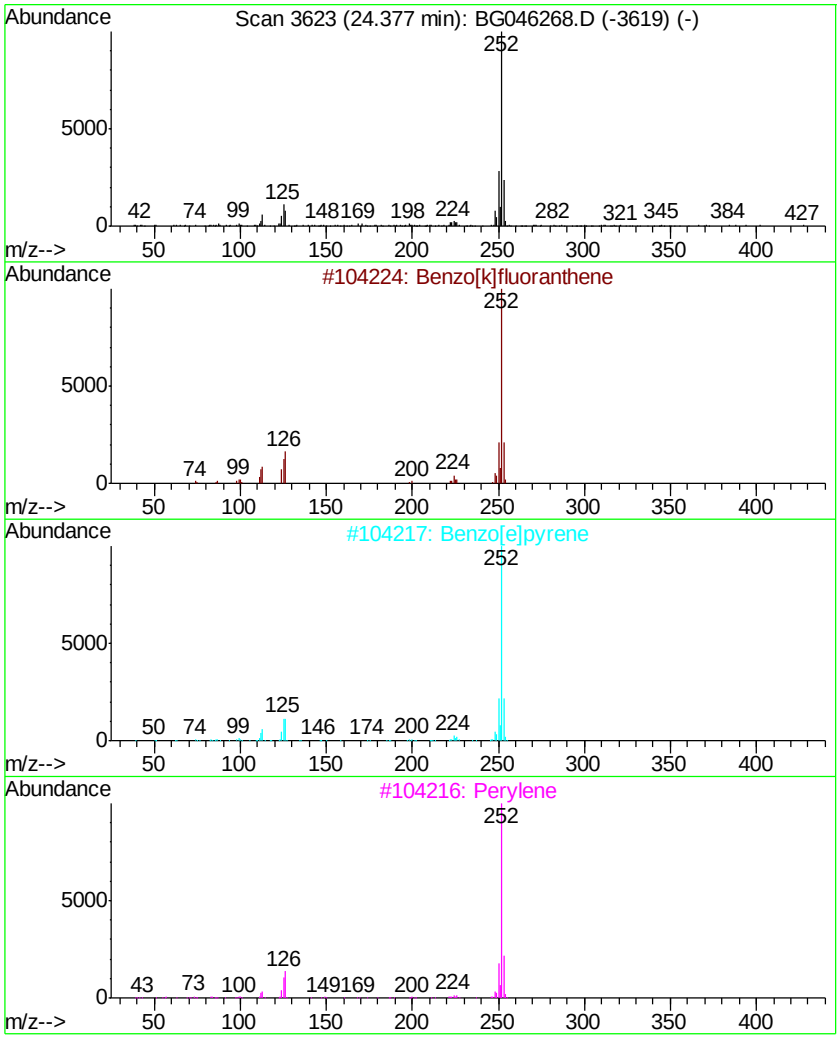
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

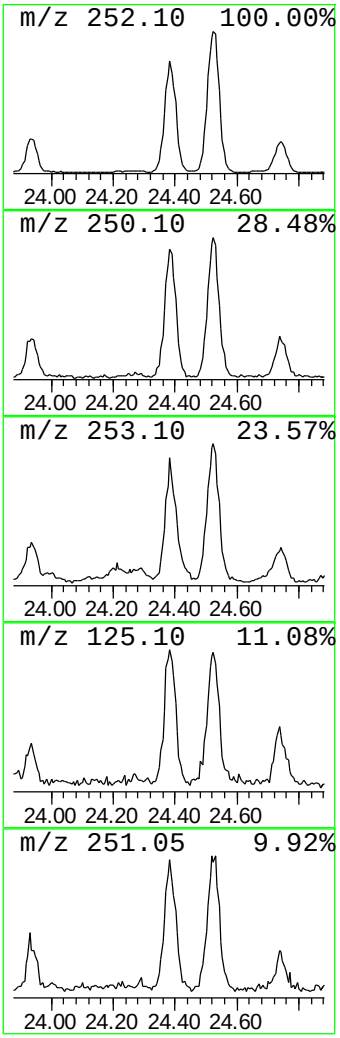
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	2.79 ng/ul	215026	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046268.D
Acq On : 14 Aug 2020 4:27
Operator : CG/JU
Sample : L3629-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM62

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...	3.17	120.5	ng/ul	3611260	1	7.96	599504	20.0
unknown-01	3.94	3.7	ng/ul	112159	1	7.96	599504	20.0
Hexanoic acid, an...	7.12	10.6	ng/ul	318793	1	7.96	599504	20.0
unknown-02	7.28	8.8	ng/ul	265094	1	7.96	599504	20.0
unknown-03	7.49	10.9	ng/ul	325793	1	7.96	599504	20.0
unknown-04	8.65	8.8	ng/ul	262567	1	7.96	599504	20.0
1H-Imidazole, 4-m...	9.10	10.6	ng/ul	318448	1	7.96	599504	20.0
unknown-05	9.82	5.9	ng/ul	254406	2	10.75	857567	20.0
unknown-06	10.88	5.9	ng/ul	253493	2	10.75	857567	20.0
unknown-07	13.98	10.8	ng/ul	640330	3	14.58	1186990	20.0
Dimethyl phthalate	14.02	3.5	ng/ul	207618	3	14.58	1186990	20.0
unknown-08	14.77	2.8	ng/ul	165387	3	14.58	1186990	20.0
unknown-09	15.68	3.1	ng/ul	184195	3	14.58	1186990	20.0
Tetradecanoic acid	18.22	2.2	ng/ul	152701	4	17.31	1393880	20.0
unknown-10	18.38	2.2	ng/ul	150527	4	17.31	1393880	20.0
Behenic alcohol	21.23	4.9	ng/ul	527323	5	21.56	2144280	20.0
Benzo[e]pyrene	24.38	2.8	ng/ul	215026	6	24.67	1539260	20.0