LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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	37	rVB	1469233	2345470	97.12%	8.977%
2	3.400	49	53	62	rVB3	14831	24007	0.99%	0.092%
3	3.823	121	125	132	rVB3	4392	7026	0.29%	0.027%
4	3.917	137	141	150	rVV	13423	21330	0.88%	0.082%
5	3.993	151	154	156	rVV2	2851	3307	0.14%	0.013%
6	4.046	158	163	170	rVV2	12938	23433	0.97%	0.090%
7	4.146	173	180	188	rBV4	4451	8098	0.34%	0.031%
8	4.310	205	208	212	rBV4	1722	2614	0.11%	0.010%
9	4.692	267	273	278	rVB5	2177	3958	0.16%	0.015%
10	5.051	330	334	341	rBV2	10214	17332	0.72%	0.066%
11	7.113	677	685	702	rBV	264831	481055	19.92%	1.841%
12	7.266	704	711	722	rBV	200634	339309	14.05%	1.299%
13	7.477	740	747	754	rBV	274396	466347	19.31%	1.785%
14	7.536	754	757	770	rVV2	23277	53846	2.23%	0.206%
15	7.941	819	826	833	rBV	304469	508643	21.06%	1.947%
16	8.000	835	836	843	rVB4	1829	2733	0.11%	0.010%
17	8.652	940	947	955	rBV	258047	464098	19.22%	1.776%
18	8.758	962	965	973	rVB6	1826	4004	0.17%	0.015%
19	9.093	1012	1022	1035	rBV	249214	452037	18.72%	1.730%
20	9.816	1136	1145	1154	rBV	208212	380118	15.74%	1.455%
21	10.362	1230	1238	1256	rBV	331341	615151	25.47%	2.354%
22	10.738	1293	1302	1310	rBV	456333	795157	32.93%	3.043%
23	10.867	1316	1324	1343	rBV	301981	565025	23.40%	2.163%
24	12.330	1567	1573	1579	rVB3	5167	9654	0.40%	0.037%
25	13.411	1752	1757	1761	rBV6	2022	3082	0.13%	0.012%
26	13.470	1761	1767	1771	rVB3	4744	6773	0.28%	0.026%
27	13.975	1846	1853	1857	rBV	647874	936812	38.79%	3.585%
28	14.022	1857	1861	1869	rVB	129811	193987	8.03%	0.742%
29	14.263	1893	1902	1913	rBV	765136	1195550	49.51%	4.576%
30	14.481	1935	1939	1946	rVB4	2074	3242	0.13%	0.012%
31	14.569	1946	1954	1963	rBV	749290	1154530	47.81%	4.419%
32	14.775	1982	1989	2008	rBV	187052	374271	15.50%	1.432%
33	15.374	2087	2091	2096	rVB3	2707	3669	0.15%	0.014%
34	15.427	2098	2100	2104	rVB3	1821	2588	0.11%	0.010%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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	15.562	2116	2123	2131	rBV	1010318	1526143	63.20%	5.841%
36	15.679	2137	2143	2156	rBV	192677	298809	12.37%	1.144%
37	15.803	2159	2164	2169	rBV2	12097	16289	0.67%	0.062%
38	16.343	2253	2256	2262	rVB4	4333	6371	0.26%	0.024%
39	16.854	2339	2343	2348	rVV2	27161	38836	1.61%	0.149%
40	16.919	2350	2354	2358	rVV2	3552	5495	0.23%	0.021%
41	16.972	2358	2363	2364	rVV4	2288	3496	0.14%	0.013%
42	16.995	2364	2367	2370	rVV3	2437	2716	0.11%	0.010%
43	17.042	2373	2375	2379	rVV3	2277	3022	0.13%	0.012%
44	17.084	2379	2382	2383	rVV3	2721	3164	0.13%	0.012%
45	17.101	2383	2385	2389	rVV	5047	7264	0.30%	0.028%
46	17.313	2414	2421	2426	rBV	930143	1402356	58.07%	5.367%
47	17.354	2426	2428	2432	rVV	43904	54343	2.25%	0.208%
48	17.413	2432	2438	2450	rVB	1071519	1626590	67.36%	6.225%
49	17.565	2459	2464	2470	rBV5	9704	21871	0.91%	0.084%
50	17.695	2482	2486	2489	rBV4	4872	5492	0.23%	0.021%
51	17.883	2515	2518	2523	rVB7	3603	5558	0.23%	0.021%
52	17.983	2531	2535	2537	rBV3	3137	3866	0.16%	0.015%
53	18.188	2564	2570	2575	rBV2	9761	17025	0.70%	0.065%
54	18.241	2575	2579	2583	rVV2	10793	17543	0.73%	0.067%
55	18.276	2583	2585	2589	rVB	4866	6331	0.26%	0.024%
56	18.323	2589	2593	2598	rBV4	4981	9004	0.37%	0.034%
57	18.382	2598	2603	2606	rVV4	10834	18115	0.75%	0.069%
58	18.423	2608	2610	2614	rVV	6243	6590	0.27%	0.025%
59	18.494	2617	2622	2624	rBV4	2901	3857	0.16%	0.015%
60	18.535	2624	2629	2635	rVV5	9747	18222	0.75%	0.070%
61	18.594	2635	2639	2641	rVV4	5871	7954	0.33%	0.030%
62	18.617	2641	2643	2645	rVB3	4283	3633	0.15%	0.014%
63	18.688	2651	2655	2658	rBV2	8843	11330	0.47%	0.043%
64	18.723	2658	2661	2666	rVB4	9766	14237	0.59%	0.054%
65	18.940	2694	2698	2701	rBV5	2686	3609	0.15%	0.014%
66	18.981	2701	2705	2708	rBV5	3479	4588	0.19%	0.018%
67	19.022	2708	2712	2715	rVV6	4019	4955	0.21%	0.019%
68	19.069	2718	2720	2723	rBV4	4887	5636	0.23%	0.022%
69	19.099	2723	2725	2730	rVV5	4020	5944	0.25%	0.023%
70	19.163	2734	2736	2739	rBV4	2241	2932	0.12%	0.011%
71	19.246	2745	2750	2752	rBV5	8081	12747	0.53%	0.049%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3649-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFMY3

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	19.334	2761	2765	2766	rBV	16794	19156	0.79%	0.073%
73	19.363	2766	2770	2775	rVV	117899	159200	6.59%	0.609%
74	19.404	2775	2777	2780	rVB4	2755	2569	0.11%	0.010%
75	19.469	2785	2788	2791	rVV5	9055	10295	0.43%	0.039%
76	19.510	2791	2795	2800	rVV3	37684	48976	2.03%	0.187%
77	19.592	2802	2809	2813	rVV3	13142	26915	1.11%	0.103%
78	19.628	2813	2815	2819	rVB5	9502	10879	0.45%	0.042%
79	19.698	2819	2827	2839	rBV	1555761	2414942	100.00%	9.243%
80	19.804	2841	2845	2849	rVB4	7673	11380	0.47%	0.044%
81	19.898	2857	2861	2866	rBV3	9686	17301	0.72%	0.066%
82	19.963	2869	2872	2875	rVB4	7457	11000	0.46%	0.042%
83	20.062	2881	2889	2893	rBV6	15292	37651	1.56%	0.144%
84	20.215	2911	2915	2918	rVB3	20166	23219	0.96%	0.089%
85	20.321	2930	2933	2937	rBV4	8122	14131	0.59%	0.054%
86	20.380	2939	2943	2946	rVB3	12591	19293	0.80%	0.074%
87	20.438	2950	2953	2954	rBV3	9098	9266	0.38%	0.035%
88	21.226	3083	3087	3096	rBV2	292895	444399	18.40%	1.701%
89	21.561	3137	3144	3150	rBV	1051159	1686632	69.84%	6.455%
90	21.772	3175	3180	3186	rBV4	39038	73392	3.04%	0.281%
91	22.994	3382	3388	3393	rBV2	157232	323818	13.41%	1.239%
92	23.805	3522	3526	3533	rVB3	53381	101754	4.21%	0.389%
93	24.463	3628	3638	3659	rVB	790679	2244281	92.93%	8.589%
94	24.675	3665	3674	3694	rVB3	548215	1743580	72.20%	6.673%

Sum of corrected areas: 26128218

LSC Report - Integrated Chromatogram

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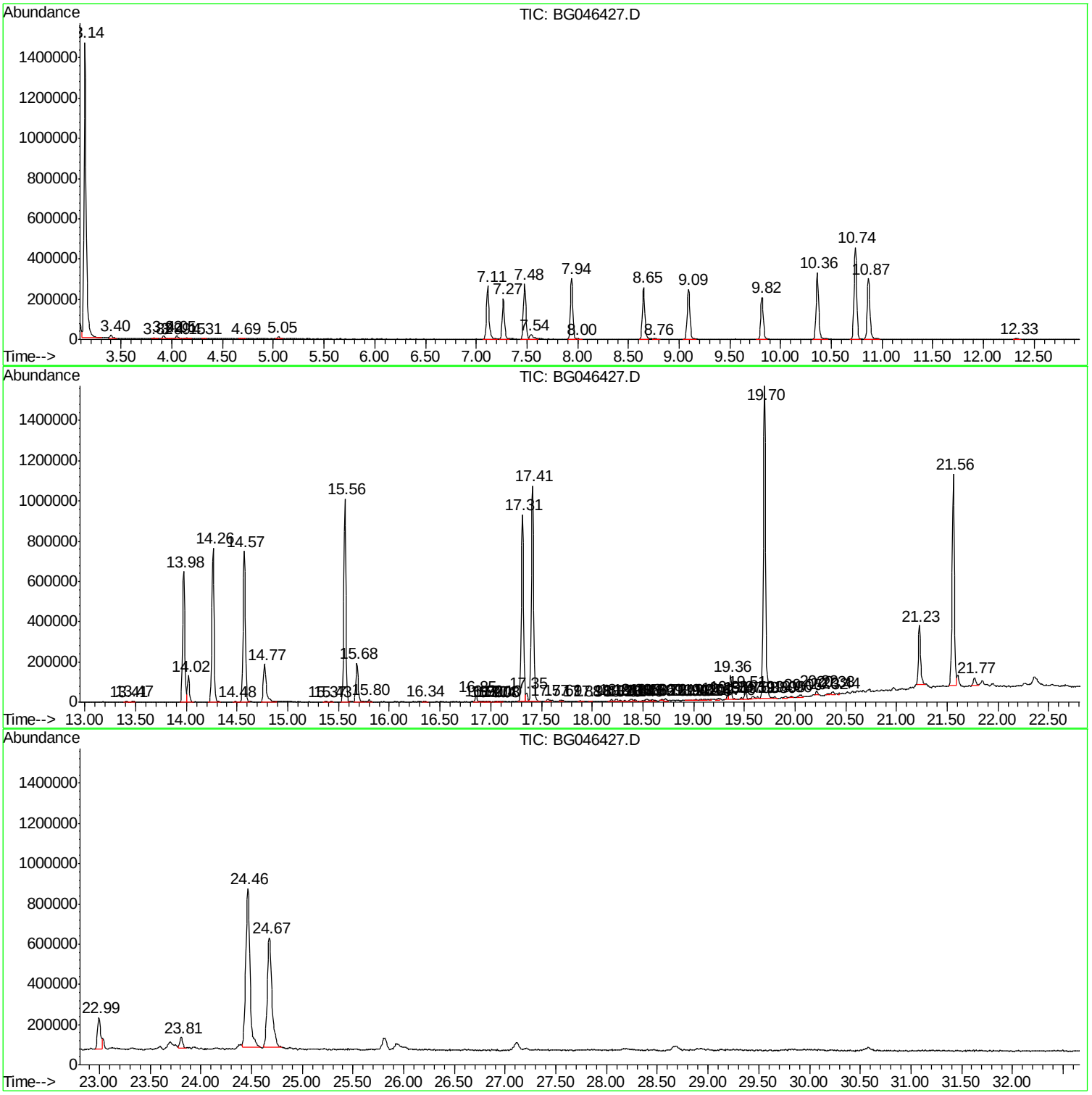
Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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 : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

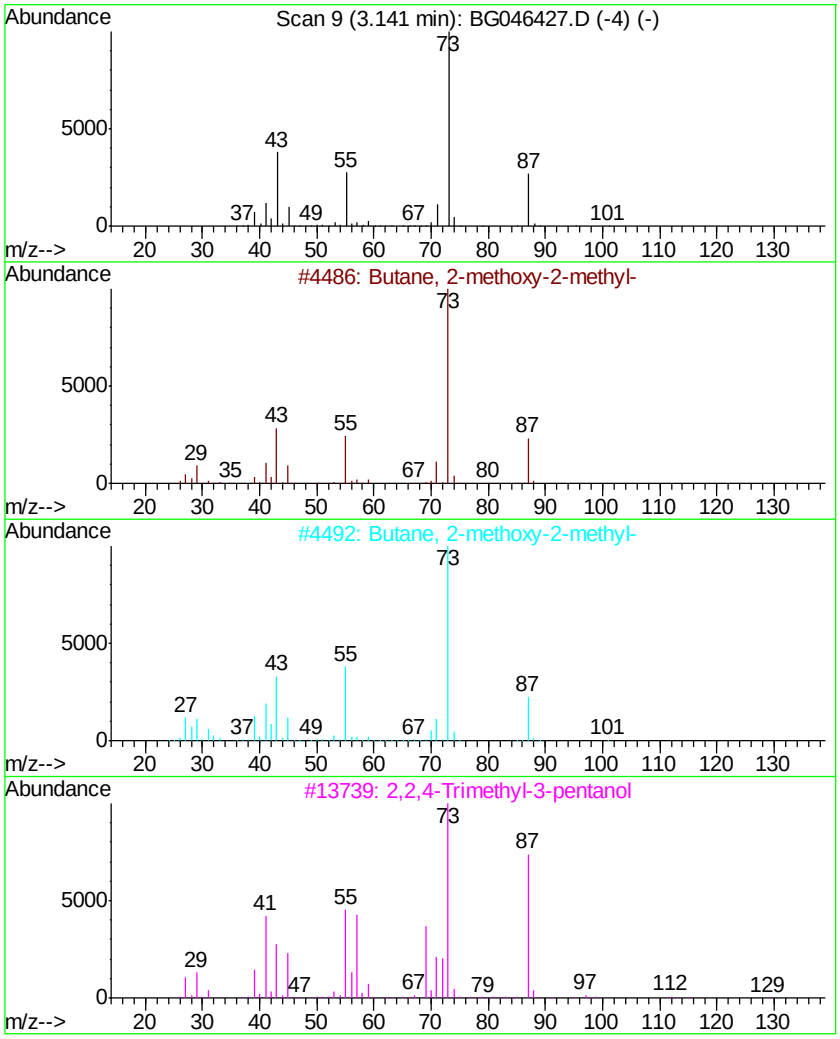
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

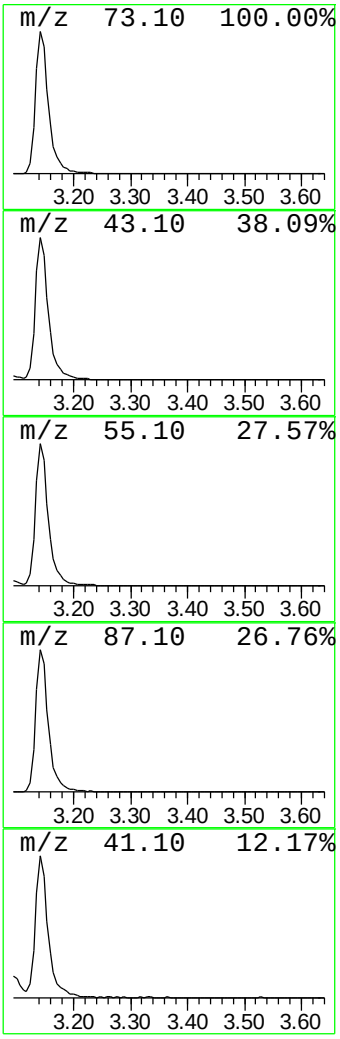
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	92.22 ng/ul	2345470	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	42
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28





Library Search Compound Report

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Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

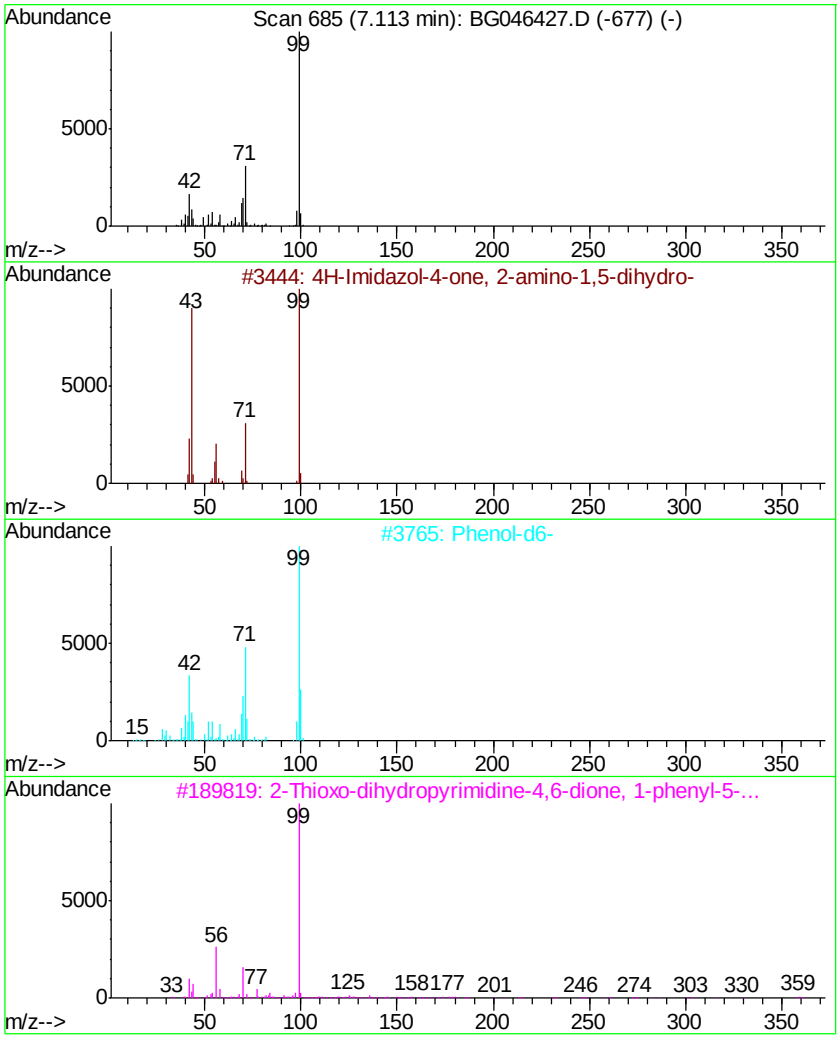
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

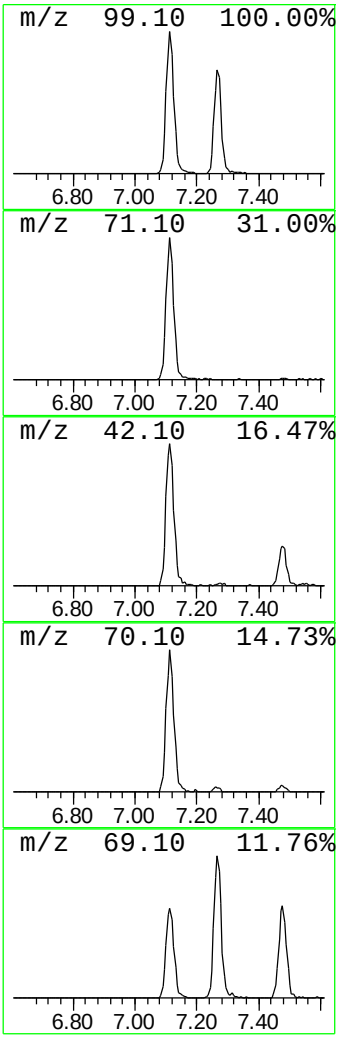
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	18.92 ng/ul	481055	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	Phenol-d6-	100	C6D6O	013127-88-3	64
3	2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





Library Search Compound Report

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Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

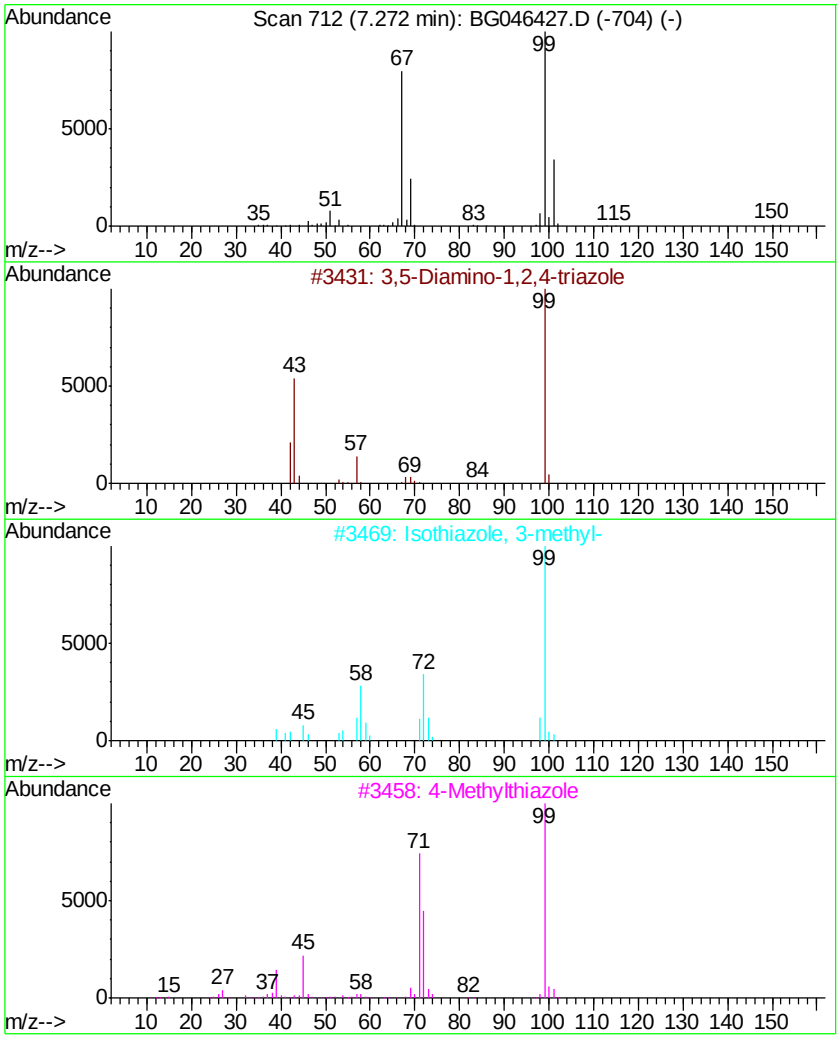
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

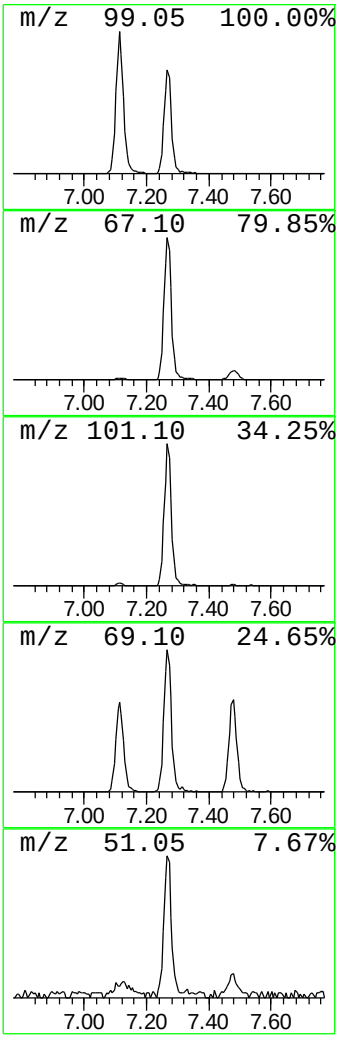
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	13.34 ng/ul	339309	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	4-Methylthiazole	99	C4H5NS	000693-95-8	9
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	7





Library Search Compound Report

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Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
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Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

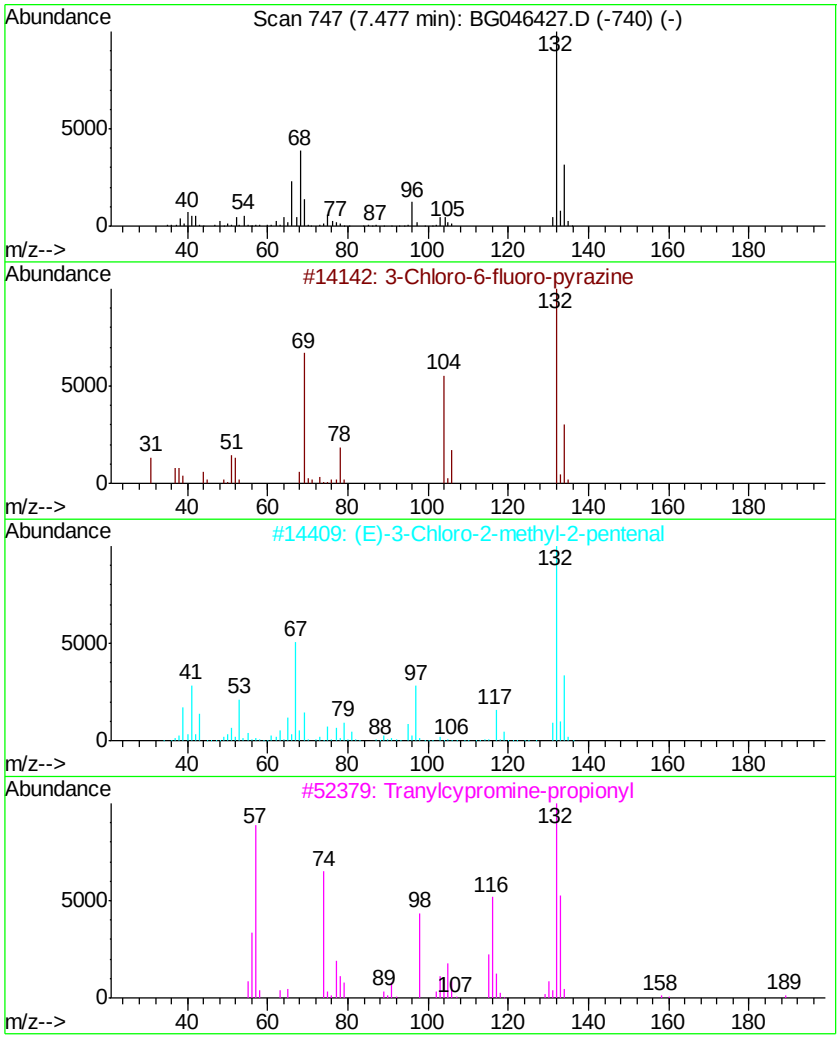
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

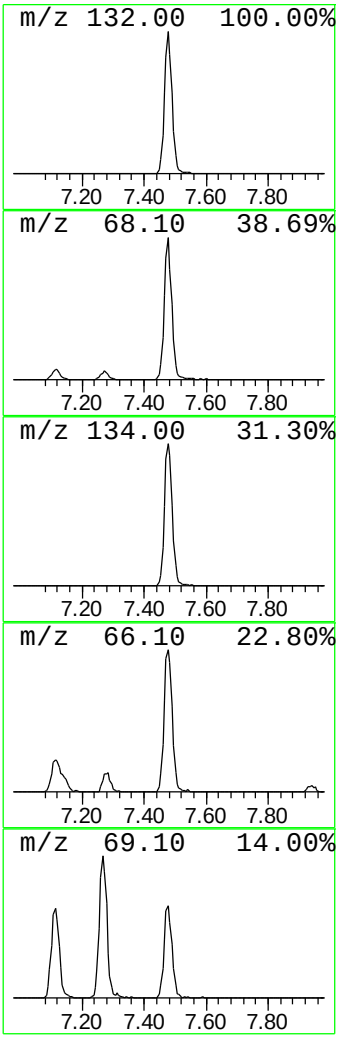
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	18.34 ng/ul	466347	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

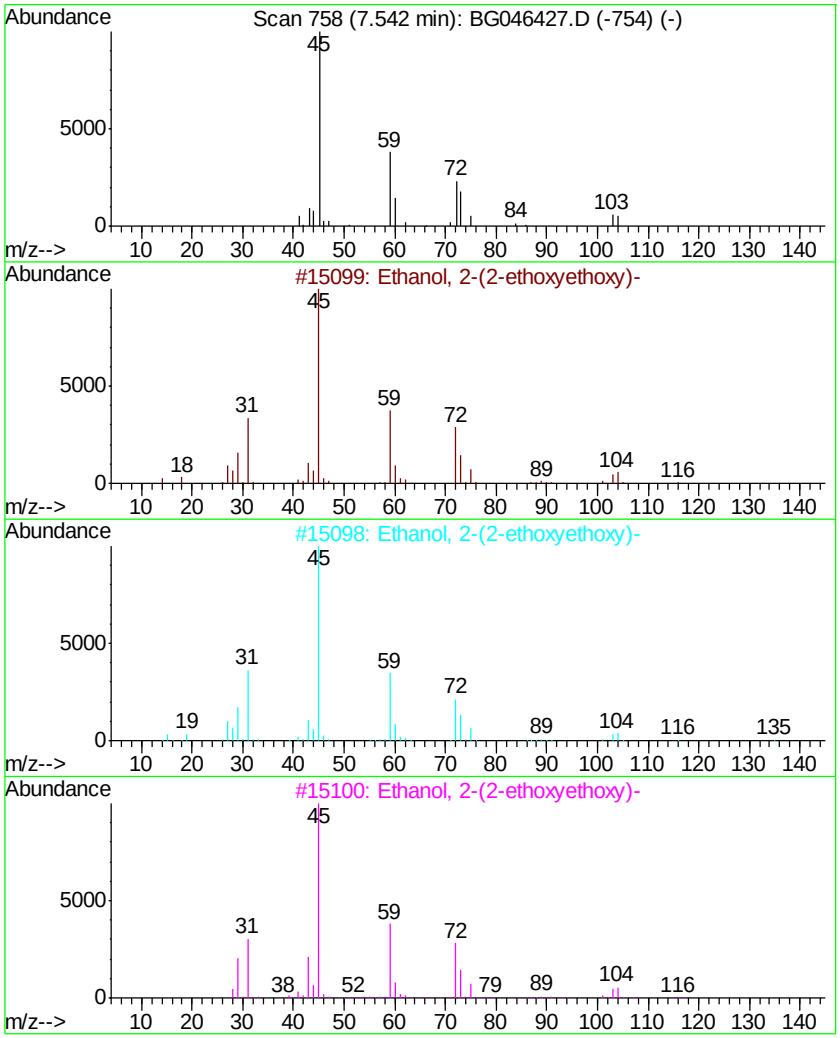
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

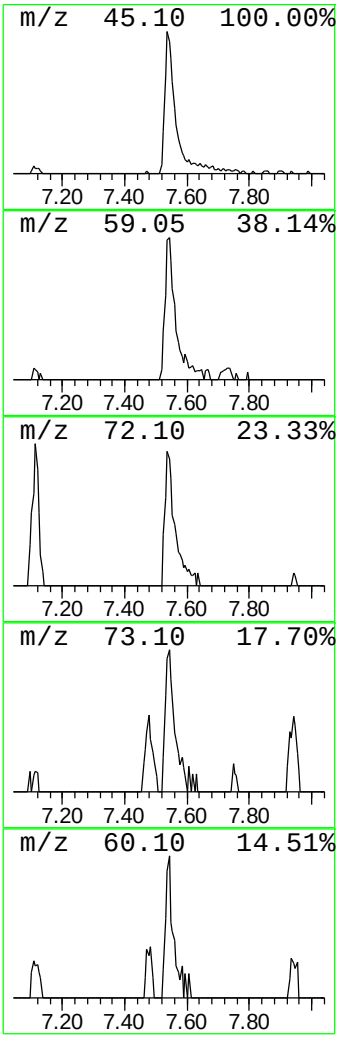
****

Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.12 ng/ul	53846	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5	Diethyl carbitol	162	C8H18O3	000112-36-7	72





Library Search Compound Report

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Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

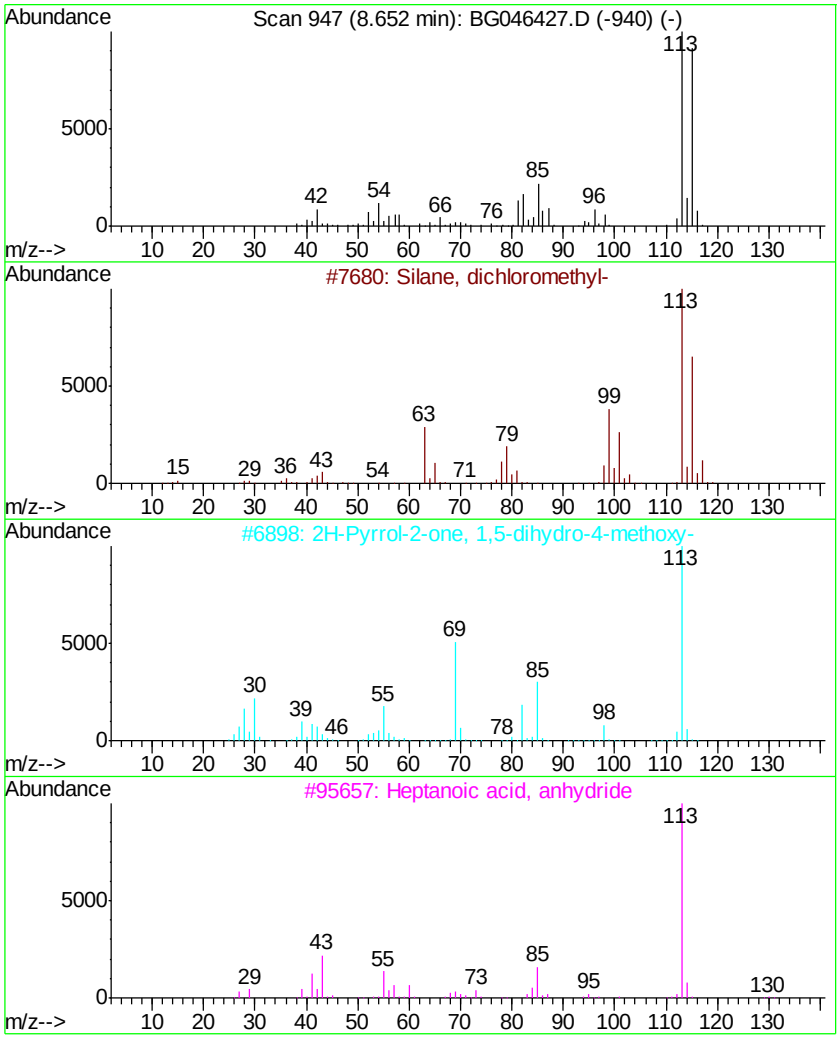
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

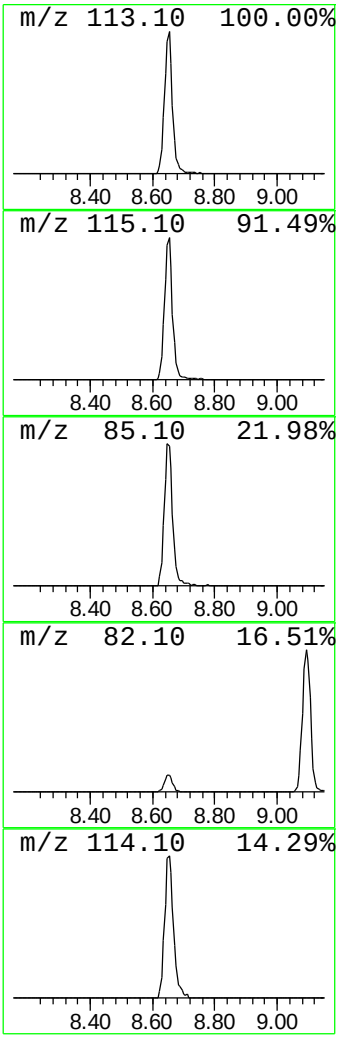
****

Peak Number 6 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	18.25 ng/ul	464098	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
5	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25





Library Search Compound Report

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Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

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

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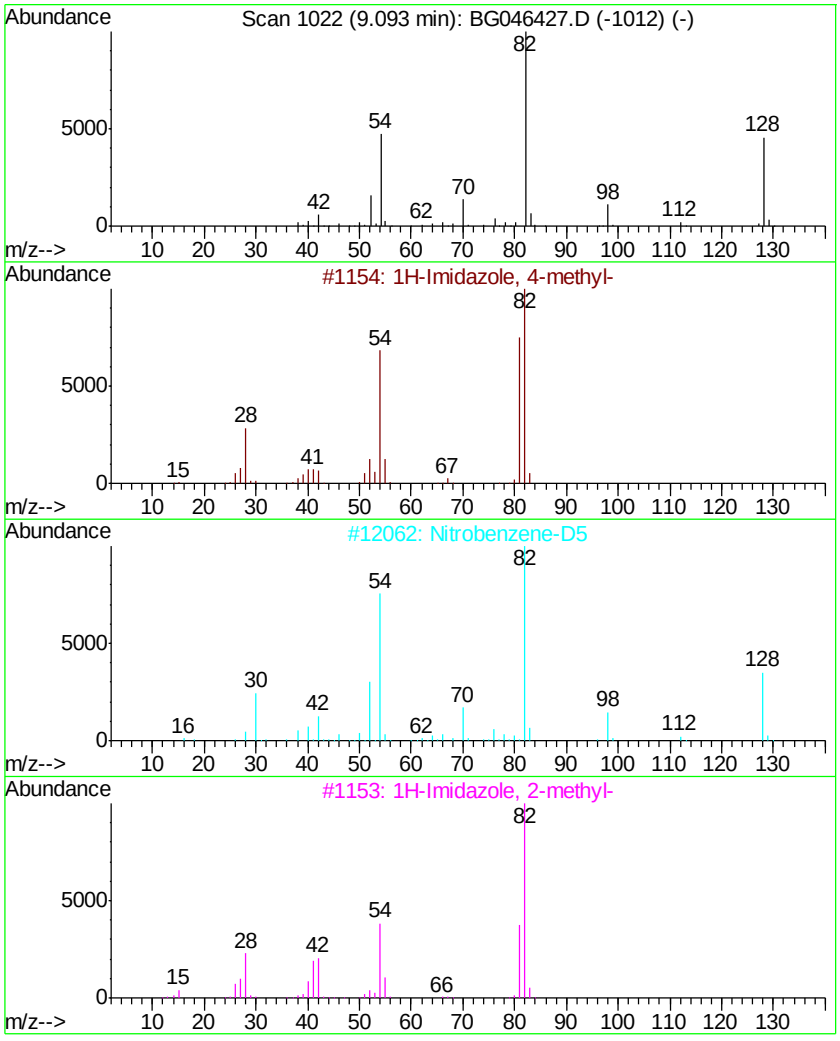
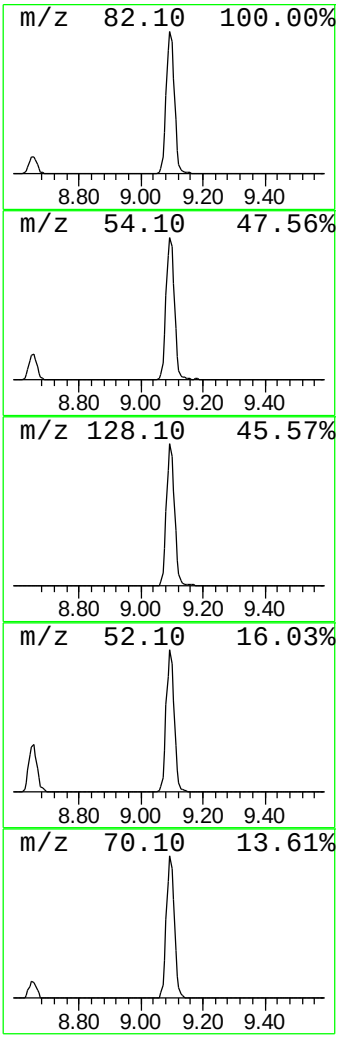
Peak Number 7 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.77 ng/ul	452037	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	47
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	28
5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	16





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Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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Quant Title : SVOA CALIBRATION

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

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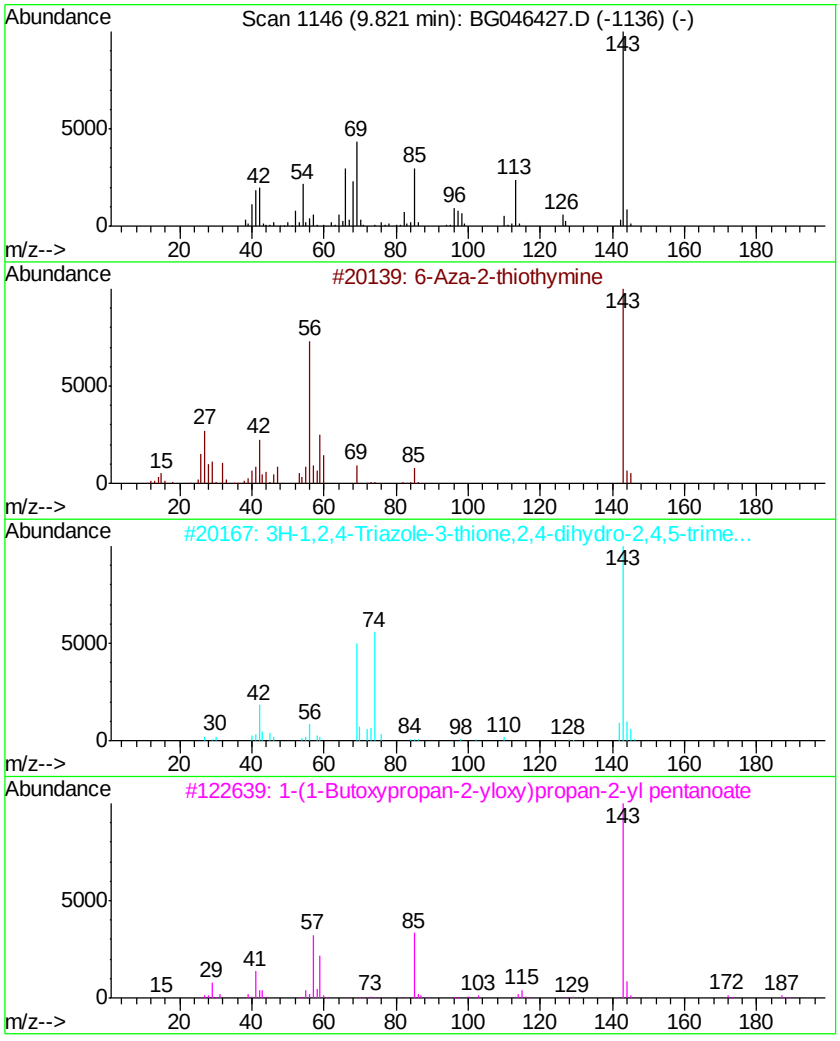
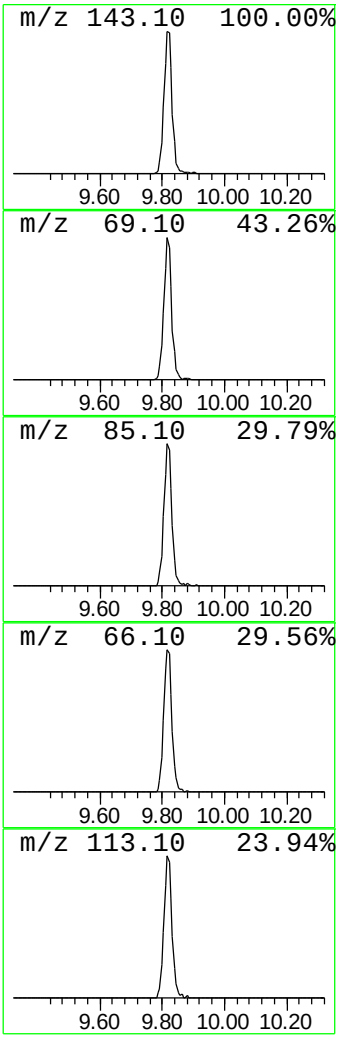
Peak Number 8 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.56 ng/ul	380118	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
2	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	10





Library Search Compound Report

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Operator : CG/JU
Sample : L3649-16
Misc :
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Instrument : BNA_G
ClientSampleId : BFMY3

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

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

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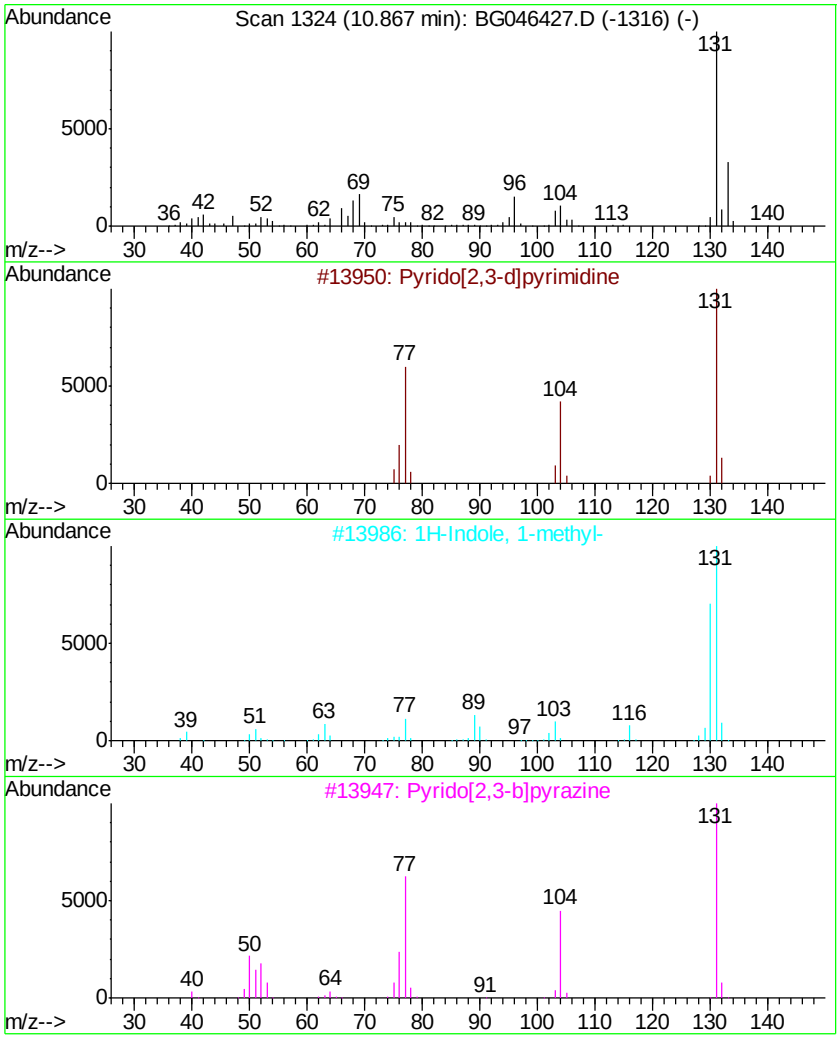
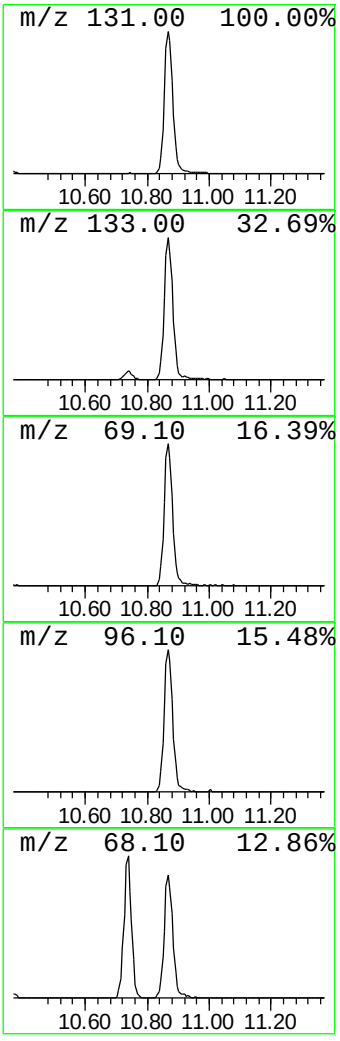
Peak Number 9 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	14.21 ng/ul	565025	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	40
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	38
3	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
4	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	28





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Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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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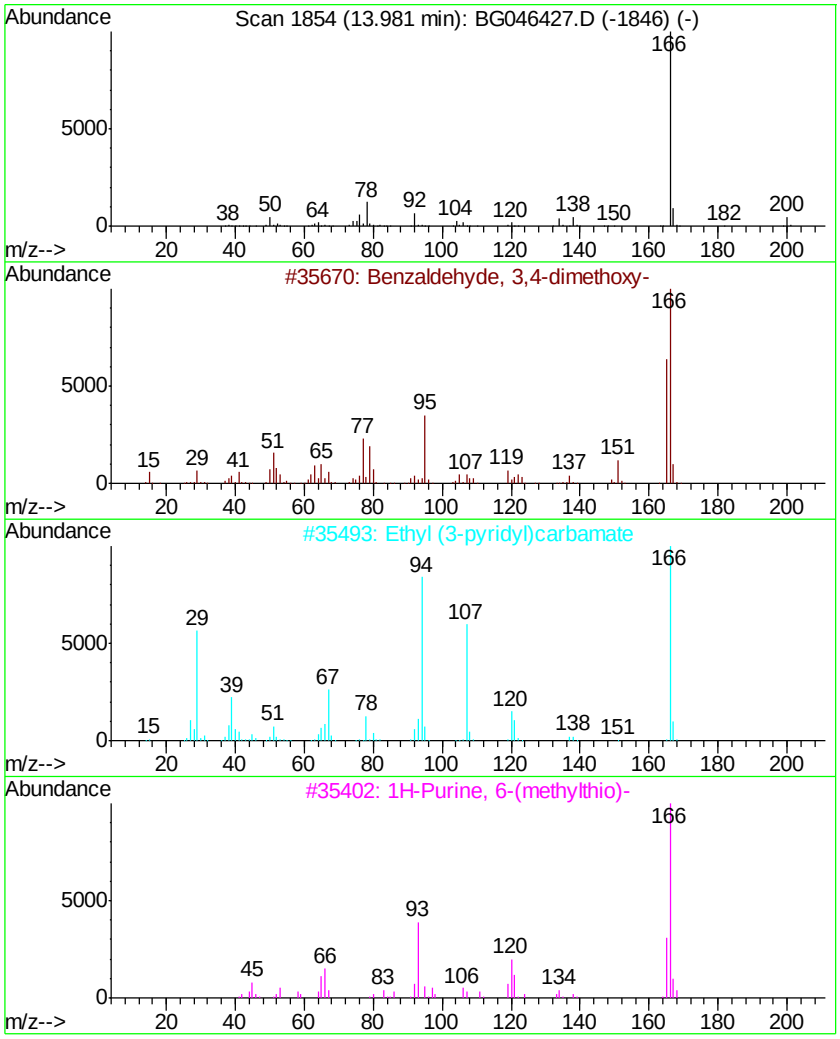
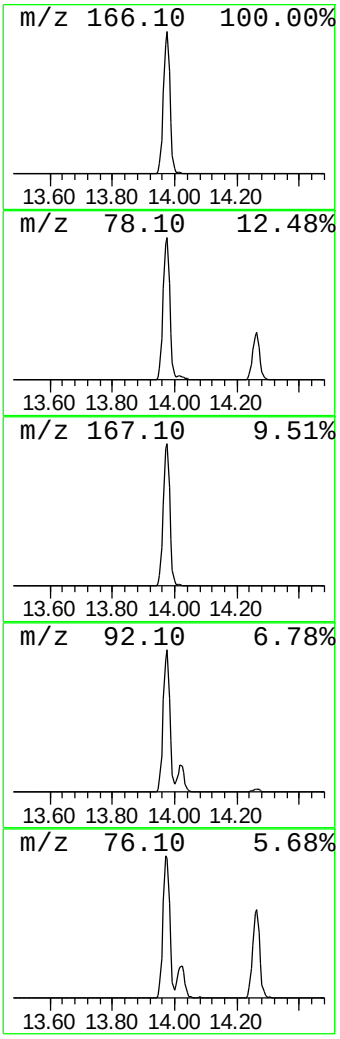
Peak Number 10 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	16.23 ng/ul	936812	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-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	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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Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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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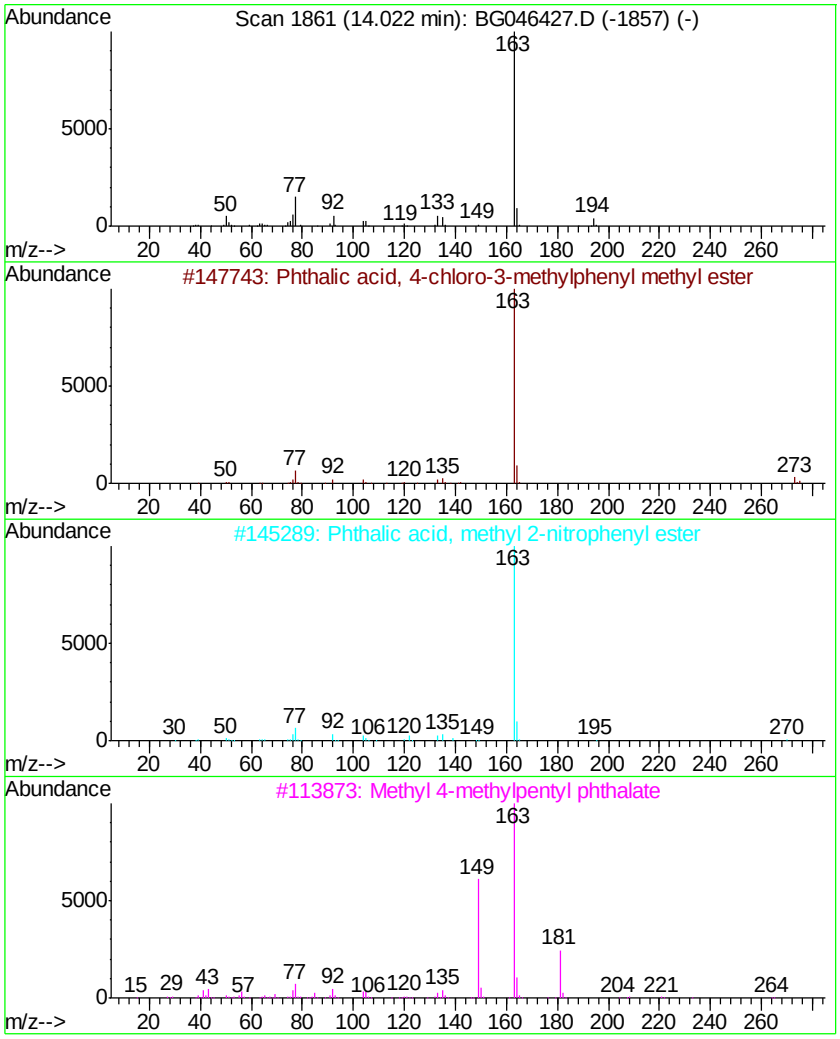
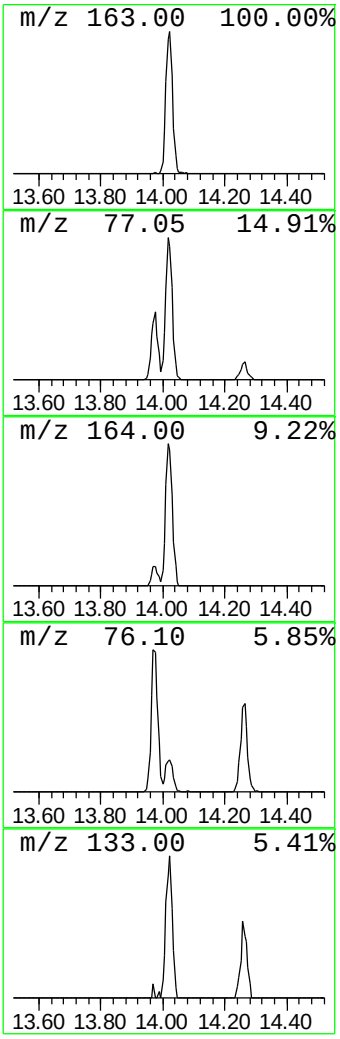
Peak Number 11 Phthalic acid, 4-chloro-3-m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.36 ng/ul	193987	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-chloro-3-methyl...	304	C16H13ClO4	1000315-71-2	74
2	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	72
3	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
4	Phthalic acid, 2-cyclohexylethyl...	290	C17H22O4	1000309-03-4	64
5	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	64





Library Search Compound Report

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Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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

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

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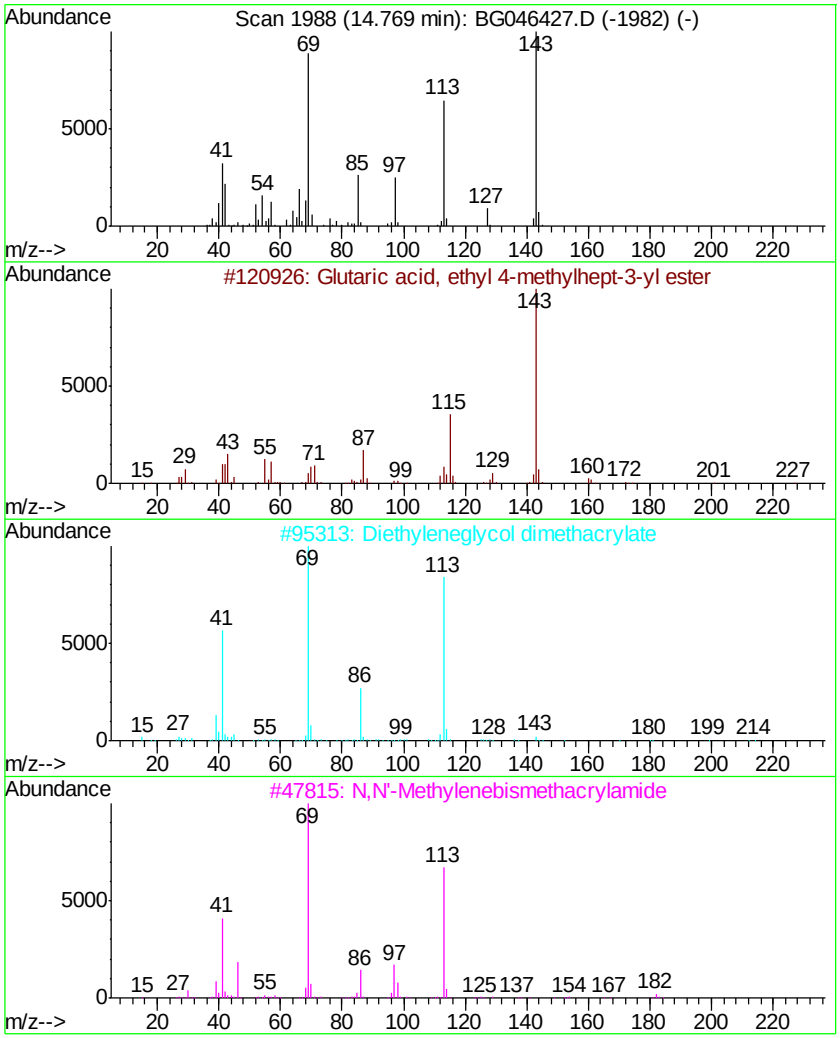
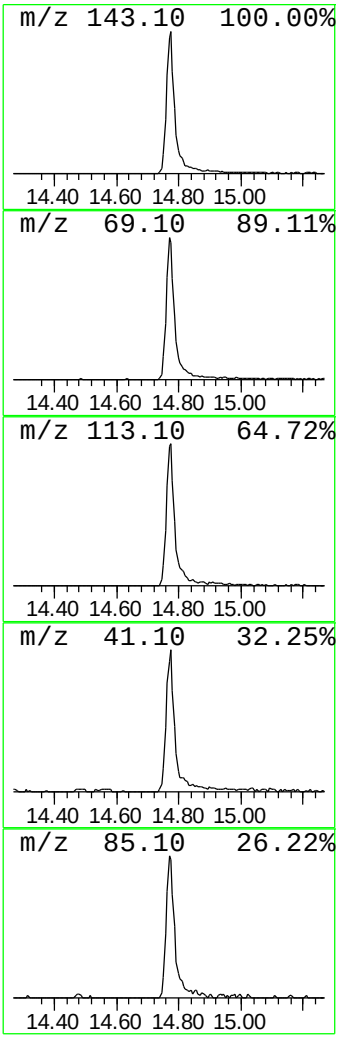
Peak Number 12 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	6.48 ng/ul	374271	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	27
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
3	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
4	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
5	Pentanedioic acid, 3-chloro-	166	C5H7ClO4	027571-06-8	14





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Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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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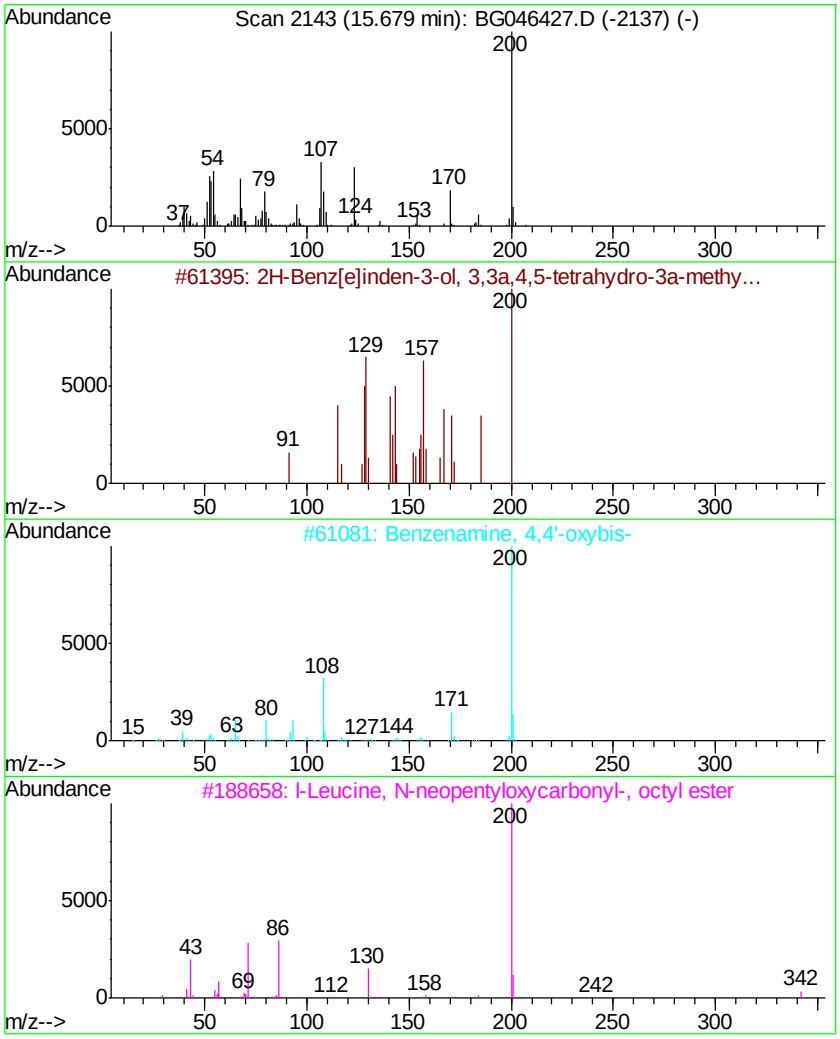
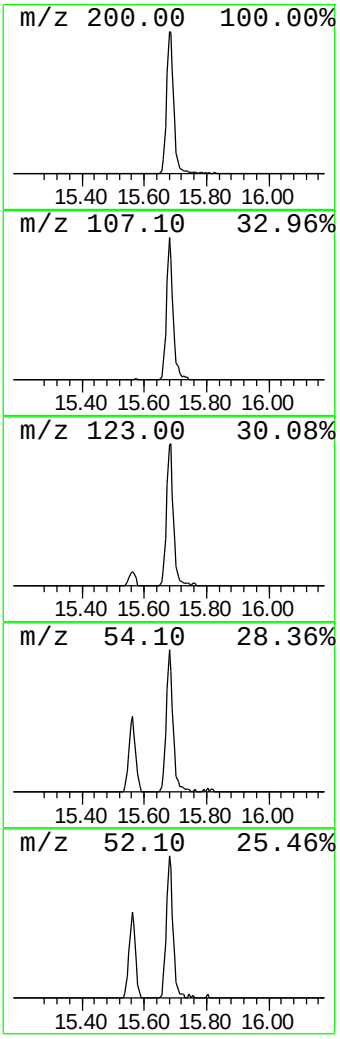
Peak Number 13 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.18 ng/ul	298809	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	35
2	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	27
3	l-Leucine, N-neopentyloxycarbony...	357	C20H39NO4	1000328-02-5	22
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	22





Library Search Compound Report

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Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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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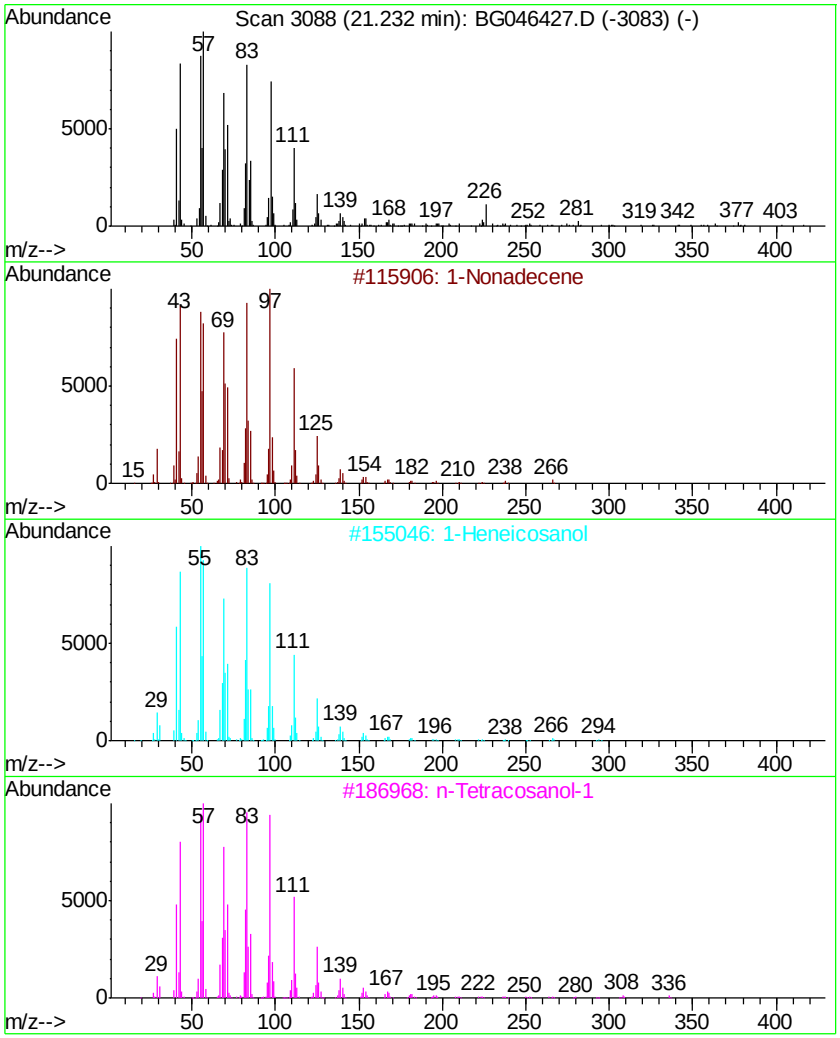
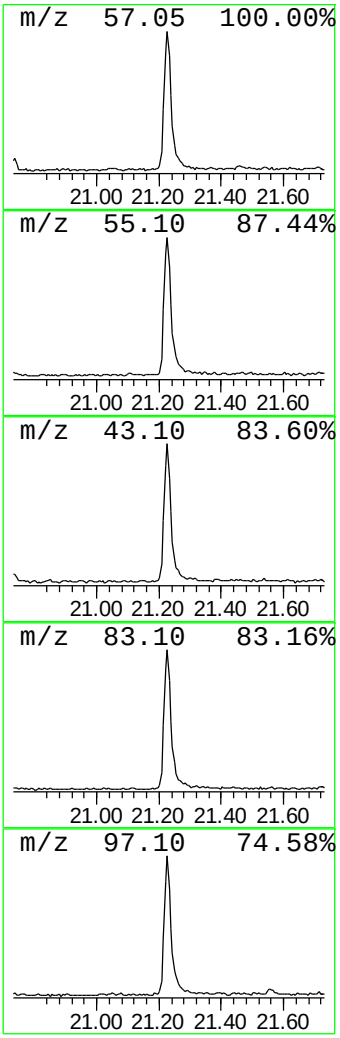
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.27 ng/ul	444399	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMY3

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

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

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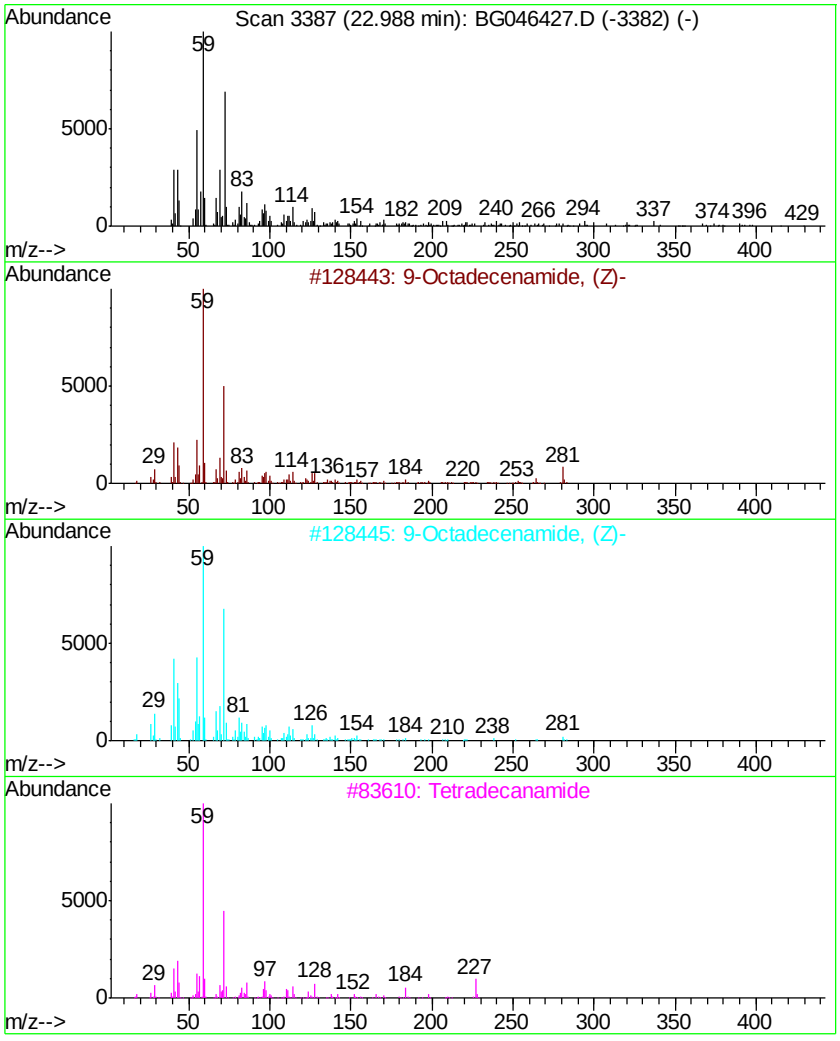
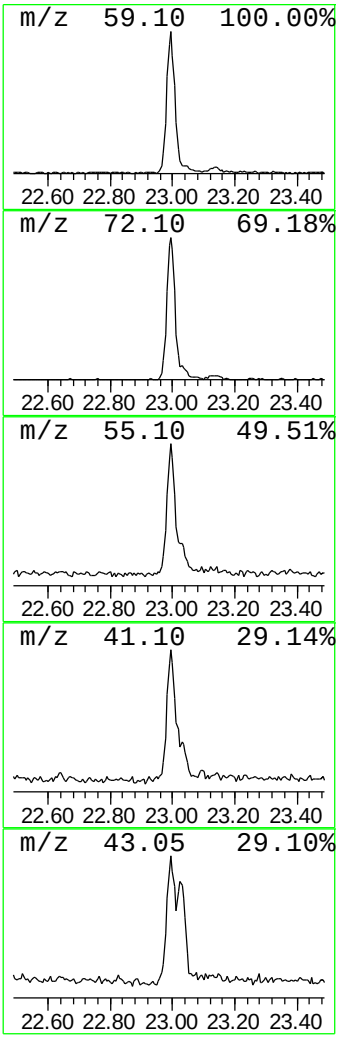
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	3.84 ng/ul	323818	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Tetradecanamide	227	C14H29NO	000638-58-4	86
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59





Tentatively Identified Compound (LSC) summary

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Data File : BG046427.D
Acq On : 22 Aug 2020 00:07
Operator : CG/JU
Sample : L3649-16
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMY3

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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	92.2	ng/ul	2345470	1	7.94	508643	20.0
4H-Imidazol-4-one...	7.11	18.9	ng/ul	481055	1	7.94	508643	20.0
unknown-01	7.27	13.3	ng/ul	339309	1	7.94	508643	20.0
unknown-02	7.48	18.3	ng/ul	466347	1	7.94	508643	20.0
Ethanol, 2-(2-eth...	7.54	2.1	ng/ul	53846	1	7.94	508643	20.0
unknown-03	8.65	18.3	ng/ul	464098	1	7.94	508643	20.0
unknown-04	9.09	17.8	ng/ul	452037	1	7.94	508643	20.0
unknown-05	9.82	9.6	ng/ul	380118	2	10.74	795157	20.0
unknown-06	10.87	14.2	ng/ul	565025	2	10.74	795157	20.0
unknown-07	13.98	16.2	ng/ul	936812	3	14.57	1154530	20.0
Phthalic acid, 4-...	14.02	3.4	ng/ul	193987	3	14.57	1154530	20.0
unknown-08	14.77	6.5	ng/ul	374271	3	14.57	1154530	20.0
unknown-09	15.68	5.2	ng/ul	298809	3	14.57	1154530	20.0
(DEL) Alkane: Str...	21.23	5.3	ng/ul	444399	5	21.56	1686630	20.0
9-Octadecenamide,...	22.99	3.8	ng/ul	323818	5	21.56	1686630	20.0