LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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	3.140	4	9	25	rVB	1394452	2090353	100.00%	8.922%
2	3.392	50	52	61	rVB3	7562	12347	0.59%	0.053%
3	3.815	120	124	128	rBV4	4847	7246	0.35%	0.031%
4	3.915	136	141	148	rVB	21865	33265	1.59%	0.142%
5	4.050	159	164	171	rVB	13936	21447	1.03%	0.092%
6	4.138	176	179	188	rVB4	4841	7821	0.37%	0.033%
7	4.362	212	217	223	rBV5	7401	11716	0.56%	0.050%
8	5.049	328	334	340	rVV	10385	15271	0.73%	0.065%
9	7.106	676	684	695	rBV	139273	252211	12.07%	1.076%
10	7.264	702	711	722	rBV	118380	205141	9.81%	0.876%
11	7.470	738	746	754	rBV	145955	263318	12.60%	1.124%
12	7.570	758	763	771	rVB6	4655	9088	0.43%	0.039%
13	7.940	817	826	836	rBV	280653	487711	23.33%	2.082%
14	8.645	938	946	957	rBV	151275	270670	12.95%	1.155%
15	9.091	1014	1022	1030	rBV	142724	261798	12.52%	1.117%
16	9.814	1136	1145	1154	rBV	121817	215920	10.33%	0.922%
17	10.355	1231	1237	1249	rBV	181899	343579	16.44%	1.466%
18	10.737	1292	1302	1316	rBV	407997	749377	35.85%	3.198%
19	10.866	1316	1324	1339	rBV	130668	261688	12.52%	1.117%
20	12.399	1580	1585	1592	rVB4	3211	6101	0.29%	0.026%
21	13.886	1834	1838	1844	rVB3	4399	6669	0.32%	0.028%
22	13.968	1844	1852	1857	rBV	398197	584635	27.97%	2.495%
23	14.015	1857	1860	1866	rVB	91642	121922	5.83%	0.520%
24	14.256	1893	1901	1917	rBV	437626	703279	33.64%	3.002%
25	14.567	1946	1954	1961	rVV2	660748	1068519	51.12%	4.560%
26	14.632	1961	1965	1972	rVB2	10427	17287	0.83%	0.074%
27	14.761	1981	1987	2001	rBV	92061	188712	9.03%	0.805%
28	14.967	2016	2022	2029	rVB2	8721	16062	0.77%	0.069%
29	15.367	2085	2090	2096	rVB4	3454	6446	0.31%	0.028%
30	15.555	2115	2122	2129	rVV	579766	903165	43.21%	3.855%
31	15.613	2129	2132	2136	rVV4	16431	21442	1.03%	0.092%
32	15.672	2136	2142	2152	rVV	119602	194902	9.32%	0.832%
33	15.795	2160	2163	2167	rVV2	7245	11314	0.54%	0.048%
34	15.907	2178	2182	2192	rVB4	6682	12876	0.62%	0.055%

LSC Area Percent Report

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Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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	16.054	2200	2207	2215	rVB3	6716	15113	0.72%	0.065%
36	16.289	2243	2247	2250	rBV5	6577	10597	0.51%	0.045%
37	16.624	2300	2304	2308	rVV7	5012	8762	0.42%	0.037%
38	16.671	2308	2312	2315	rVB6	4265	6054	0.29%	0.026%
39	16.853	2339	2343	2346	rVB5	6118	7783	0.37%	0.033%
40	16.965	2357	2362	2370	rVB2	17532	31783	1.52%	0.136%
41	17.041	2370	2375	2379	rBV4	6250	14530	0.70%	0.062%
42	17.129	2386	2390	2398	rVB2	10816	17386	0.83%	0.074%
43	17.305	2413	2420	2425	rBV	823253	1320512	63.17%	5.636%
44	17.352	2425	2428	2432	rVV	229074	311343	14.89%	1.329%
45	17.405	2432	2437	2448	rVB2	582688	916633	43.85%	3.912%
46	17.499	2449	2453	2459	rVB5	6720	10885	0.52%	0.046%
47	17.623	2471	2474	2478	rVB3	6684	7644	0.37%	0.033%
48	17.705	2481	2488	2494	rBV2	15738	32242	1.54%	0.138%
49	17.828	2503	2509	2515	rBV6	8461	16100	0.77%	0.069%
50	17.893	2515	2520	2523	rBV4	9222	12648	0.61%	0.054%
51	17.987	2532	2536	2540	rBV5	7667	10066	0.48%	0.043%
52	18.034	2540	2544	2549	rVB7	3748	7356	0.35%	0.031%
53	18.187	2561	2570	2571	rBV	44085	63772	3.05%	0.272%
54	18.204	2571	2573	2575	rVV2	44705	57721	2.76%	0.246%
55	18.228	2575	2577	2583	rVV	62451	95309	4.56%	0.407%
56	18.310	2587	2591	2596	rVB2	12288	17544	0.84%	0.075%
57	18.375	2596	2602	2606	rBV2	51899	95194	4.55%	0.406%
58	18.416	2606	2609	2614	rVB2	32978	46494	2.22%	0.198%
59	18.504	2617	2624	2625	rBV6	9897	16107	0.77%	0.069%
60	18.528	2625	2628	2633	rVB5	8426	12008	0.57%	0.051%
61	18.680	2650	2654	2657	rBV	41287	58984	2.82%	0.252%
62	18.716	2657	2660	2665	rVV	48074	69811	3.34%	0.298%
63	18.804	2672	2675	2678	rBV5	6196	8954	0.43%	0.038%
64	18.933	2689	2697	2700	rBV5	16350	29609	1.42%	0.126%
65	18.980	2702	2705	2708	rVV2	11437	16099	0.77%	0.069%
66	19.015	2708	2711	2715	rVB2	12514	16080	0.77%	0.069%
67	19.103	2720	2726	2730	rVV3	38147	67170	3.21%	0.287%
68	19.144	2730	2733	2734	rVV3	16527	18729	0.90%	0.080%
69	19.186	2738	2740	2744	rVV2	11298	15290	0.73%	0.065%
70	19.233	2744	2748	2756	rVV	37725	64959	3.11%	0.277%
71	19.362	2764	2770	2777	rVB	479222	694528	33.23%	2.964%

LSC Area Percent Report

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Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	19.426	2777	2781	2784	rBV3	9970	12953	0.62%	0.055%
73	19.456	2784	2786	2791	rBV3	13542	18535	0.89%	0.079%
74	19.556	2798	2803	2807	rBV3	19040	35723	1.71%	0.152%
75	19.691	2820	2826	2829	rBV	893923	1318148	63.06%	5.626%
76	19.720	2829	2831	2839	rVV	431955	527503	25.24%	2.251%
77	19.797	2839	2844	2848	rVV2	28491	43652	2.09%	0.186%
78	19.896	2858	2861	2867	rVB	25149	34414	1.65%	0.147%
79	20.049	2880	2887	2893	rBV3	43722	122406	5.86%	0.522%
80	20.208	2905	2914	2918	rBV2	65927	147264	7.04%	0.629%
81	20.314	2929	2932	2935	rBV3	26058	31225	1.49%	0.133%
82	20.372	2937	2942	2945	rVV2	46989	77631	3.71%	0.331%
83	20.508	2962	2965	2969	rBV	36333	47378	2.27%	0.202%
84	20.560	2970	2974	2978	rVV5	33960	59412	2.84%	0.254%
85	20.966	3039	3043	3049	rVB	59657	93937	4.49%	0.401%
86	21.189	3078	3081	3082	rBV2	35401	36162	1.73%	0.154%
87	21.218	3082	3086	3094	rVV3	376050	606422	29.01%	2.588%
88	21.289	3095	3098	3107	rVB	55178	99315	4.75%	0.424%
89	21.553	3135	3143	3148	rBV3	957766	1811108	86.64%	7.730%
90	21.600	3148	3151	3160	rVB	217825	327799	15.68%	1.399%
91	22.364	3277	3281	3290	rVB5	85493	193032	9.23%	0.824%
92	23.357	3447	3450	3456	rVB3	79266	132316	6.33%	0.565%
93	23.680	3498	3505	3512	rBV	160135	494611	23.66%	2.111%
94	23.804	3521	3526	3530	rBV2	89802	171154	8.19%	0.730%
95	23.857	3530	3535	3543	rVB2	121079	257050	12.30%	1.097%
96	24.374	3618	3623	3627	rBV2	70063	139622	6.68%	0.596%
97	24.450	3629	3636	3643	rVV	355890	850454	40.68%	3.630%
98	24.662	3663	3672	3692	rVB2	519950	1597111	76.40%	6.816%
99	25.807	3860	3867	3877	rVB2	121144	339881	16.26%	1.451%
100	25.919	3880	3886	3896	rVV3	67861	199016	9.52%	0.849%

Sum of corrected areas: 23430331

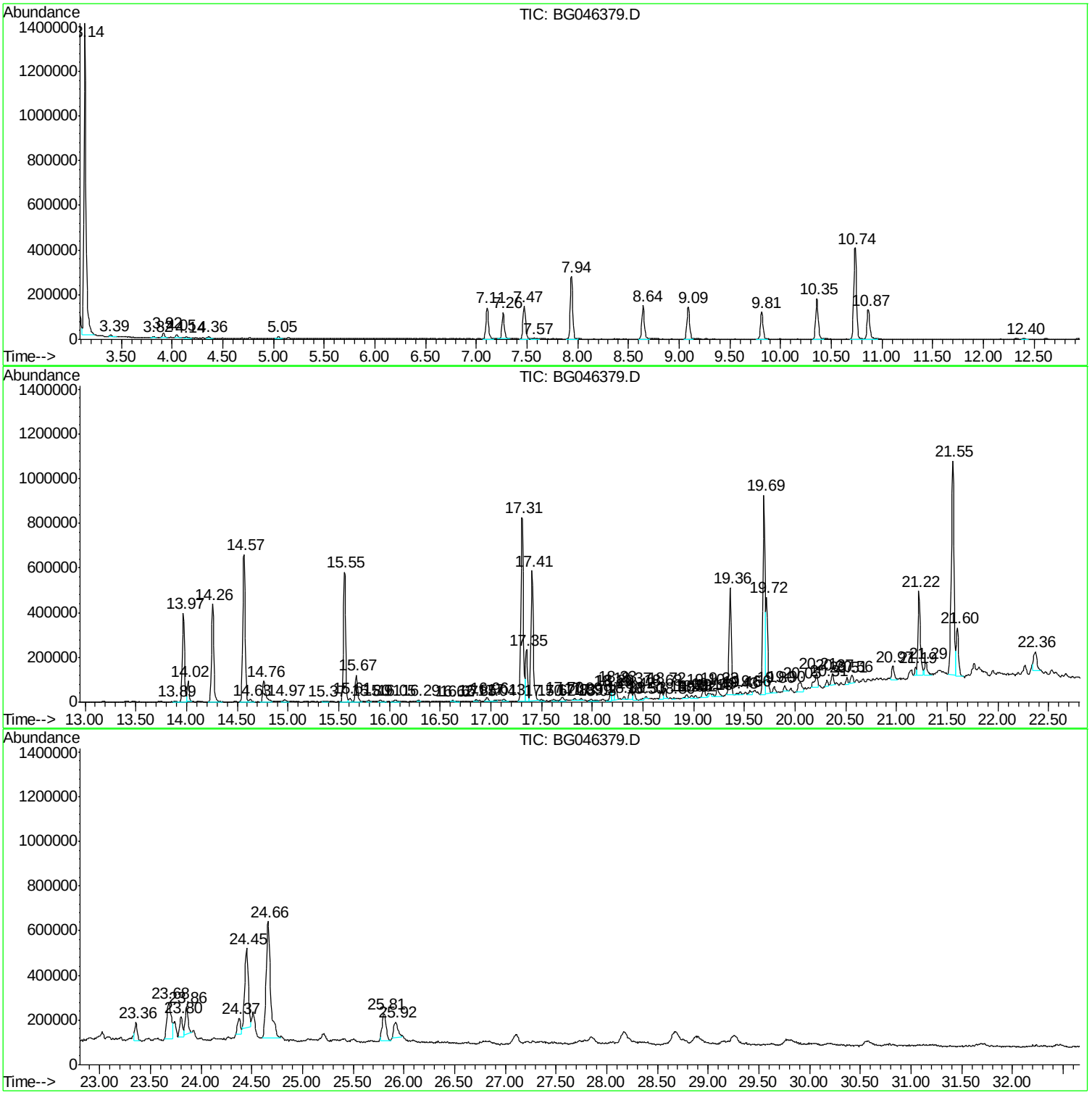
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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 : BG046379.D
Acq On : 20 Aug 2020 15:13
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Quant Title : SVOA CALIBRATION

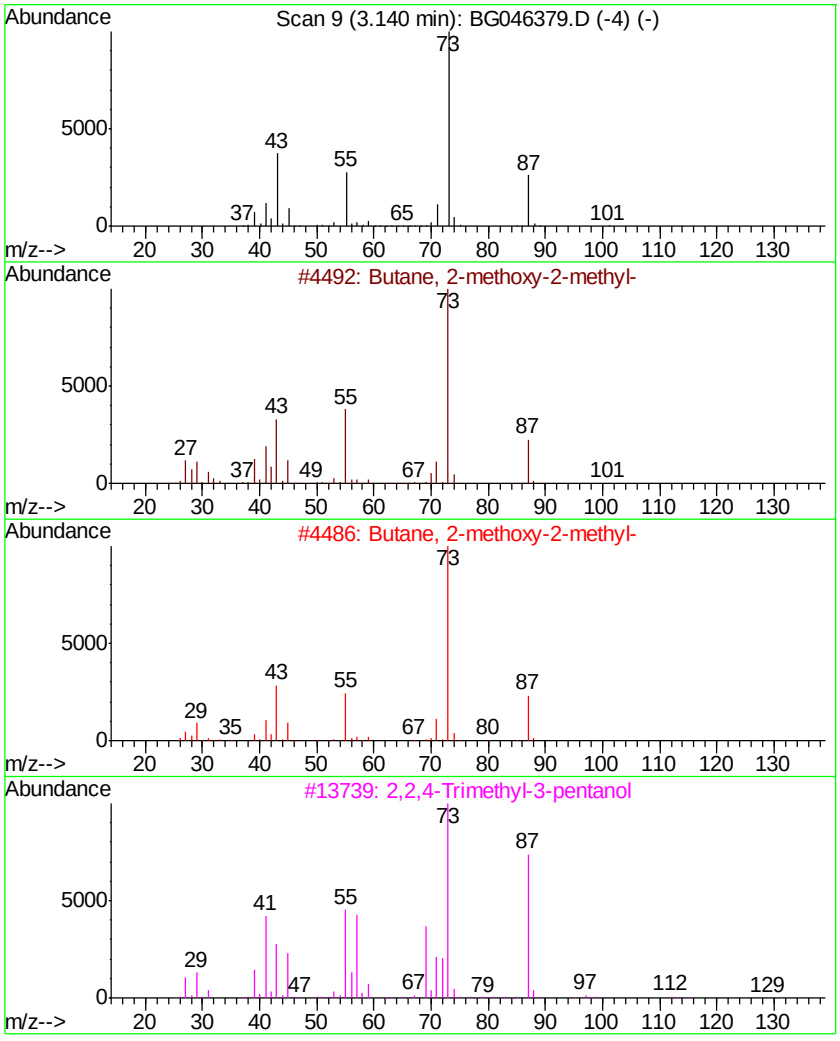
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

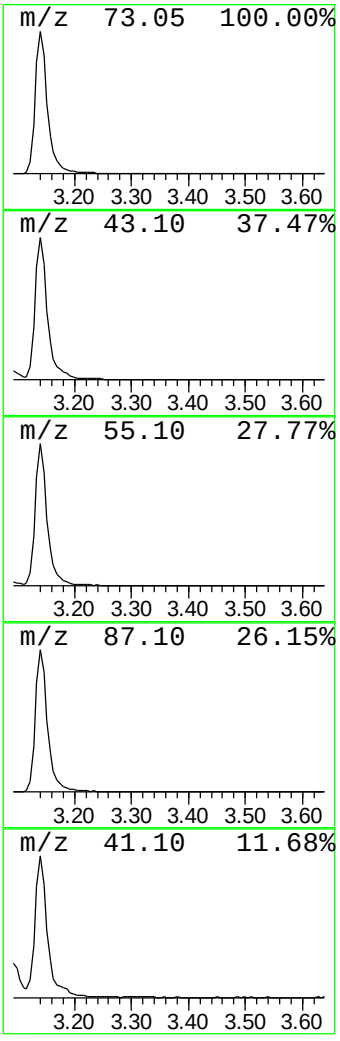
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	85.72 ng/ul	2090350	1,4-Dichlorobenzene-d4	7.94

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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

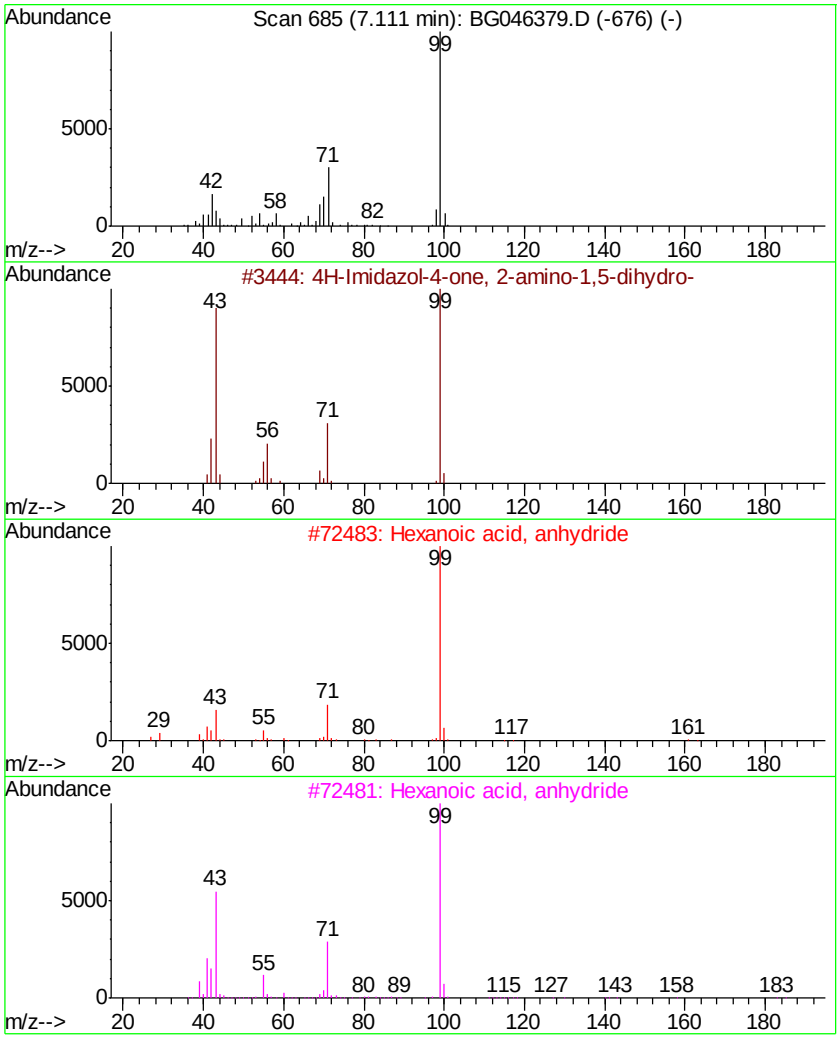
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

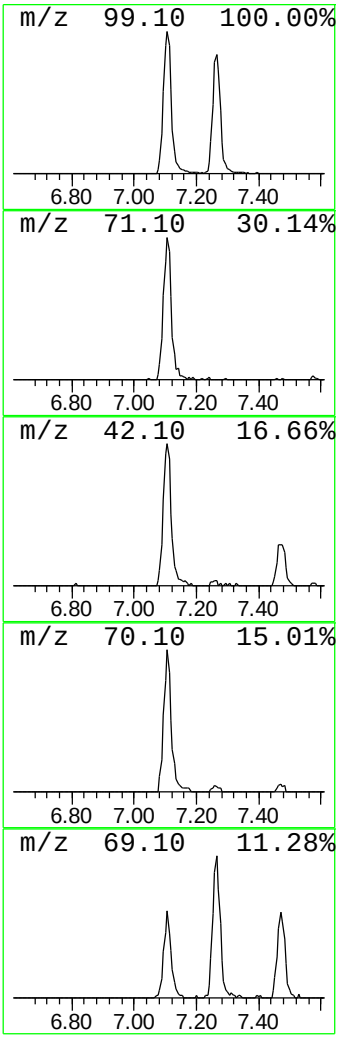
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	10.34 ng/ul	252211	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	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	59
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	59
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45





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Data File : BG046379.D
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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

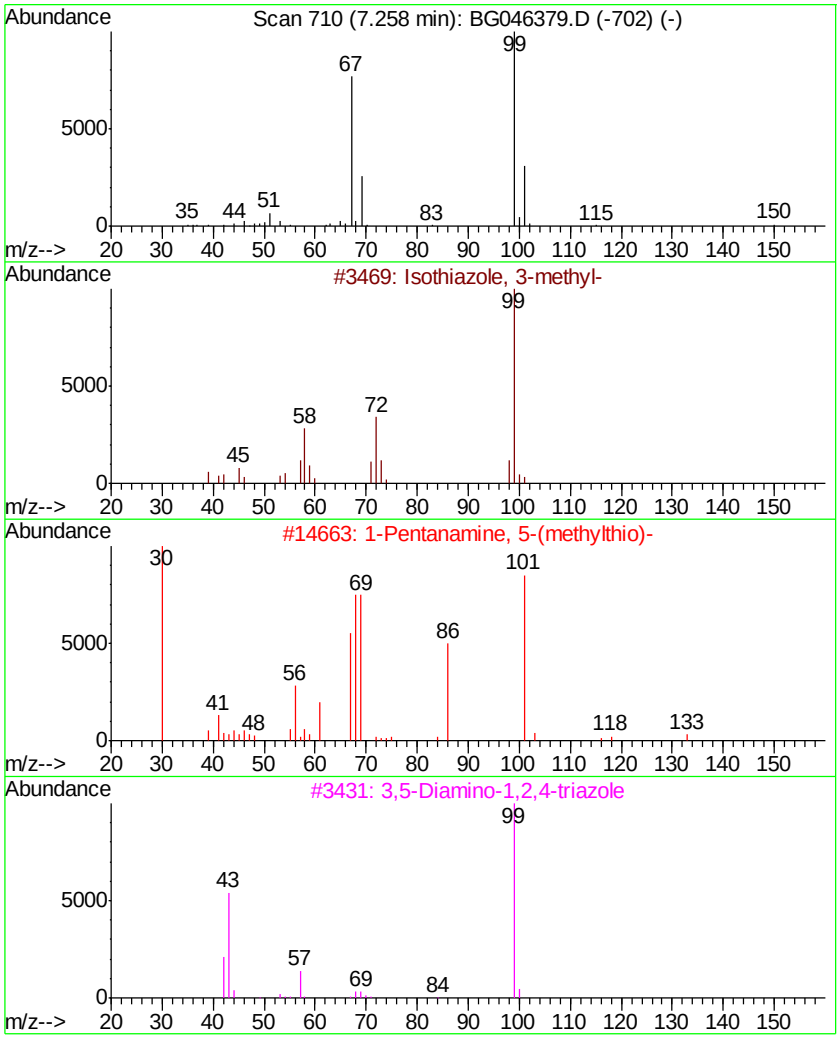
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

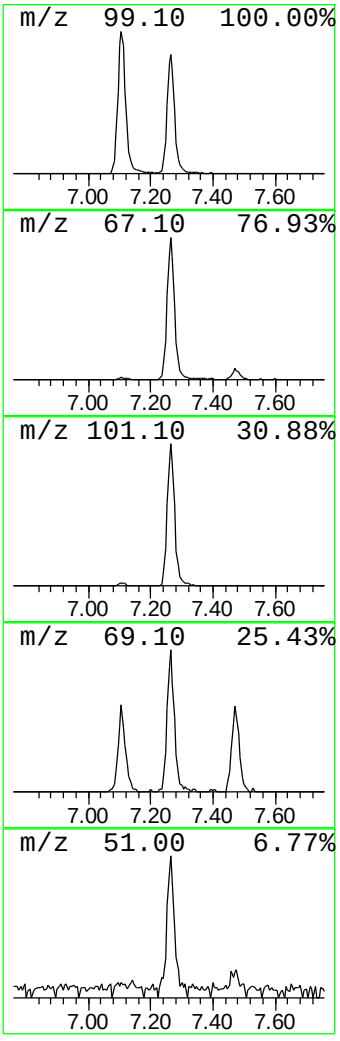
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.41 ng/ul	205141	1,4-Dichlorobenzene-d4	7.94

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	9
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
4	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	7
5	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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

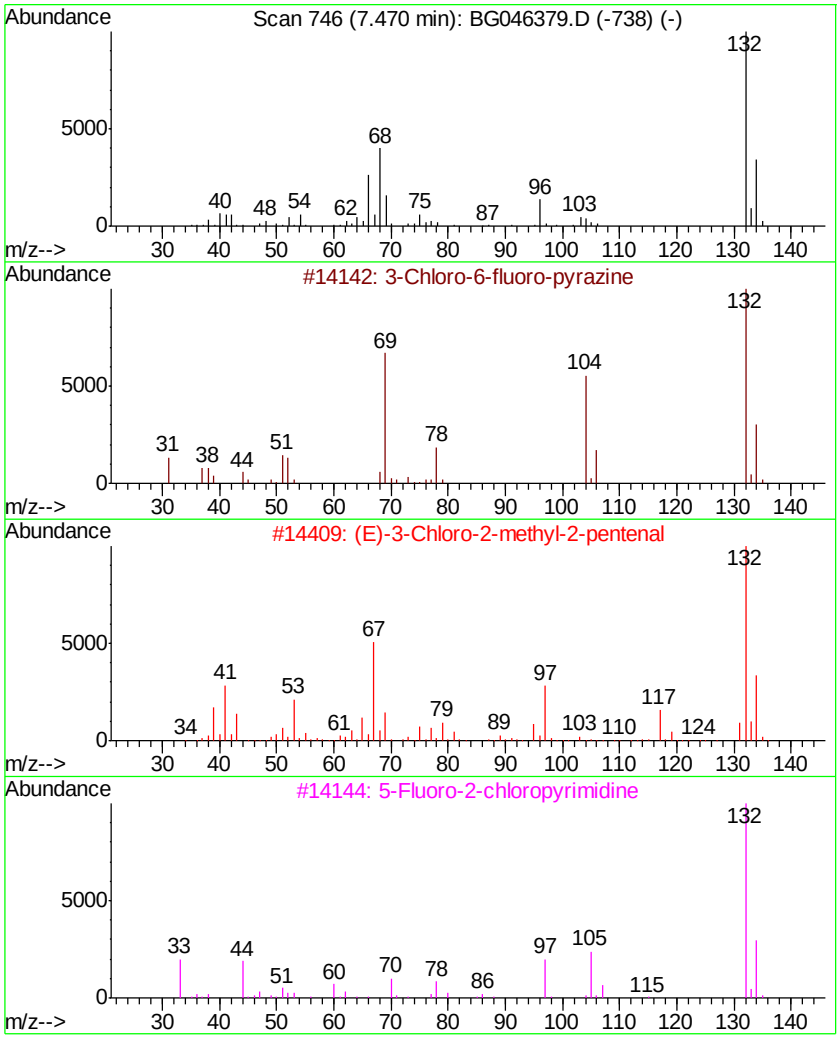
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

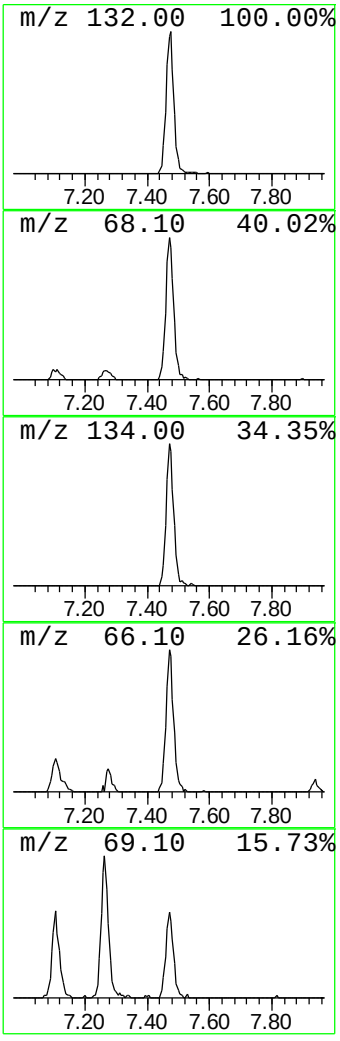
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	10.80 ng/ul	263318	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	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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

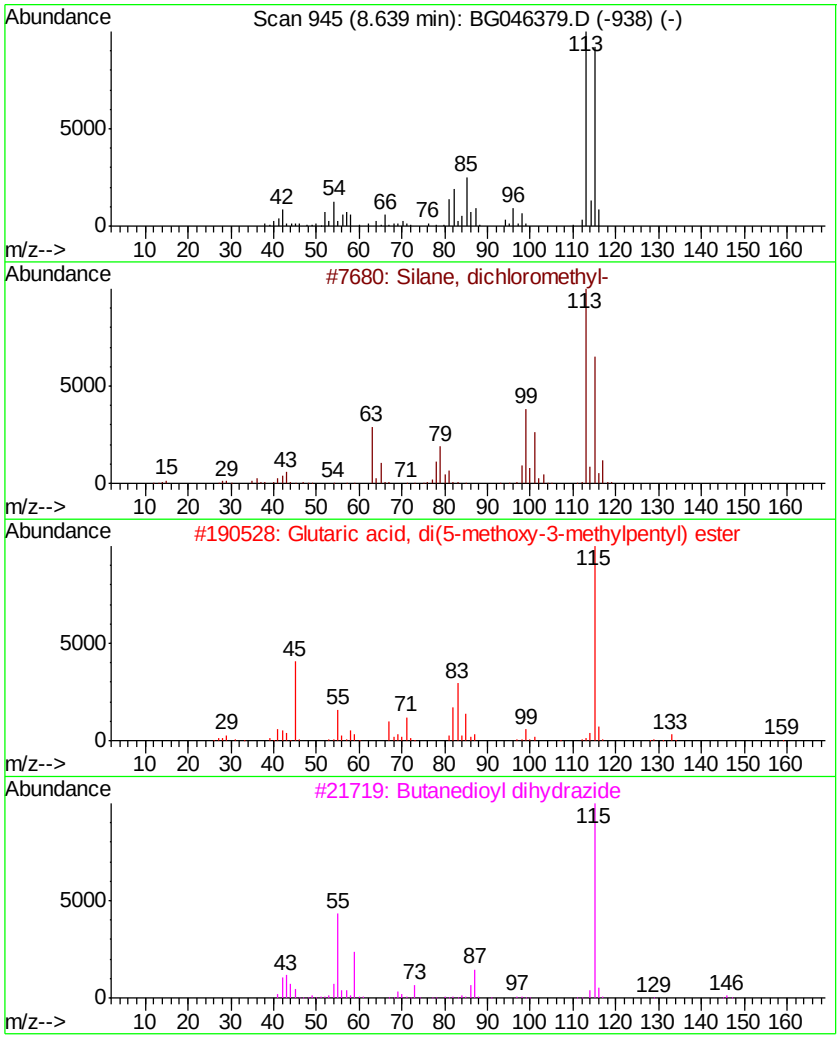
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

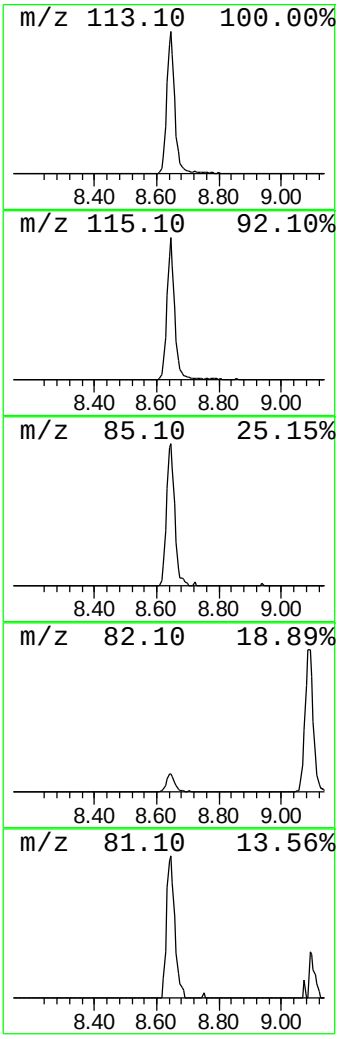
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	11.10 ng/ul	270670	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	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
4	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





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Operator : CG/JU
Sample : L3634-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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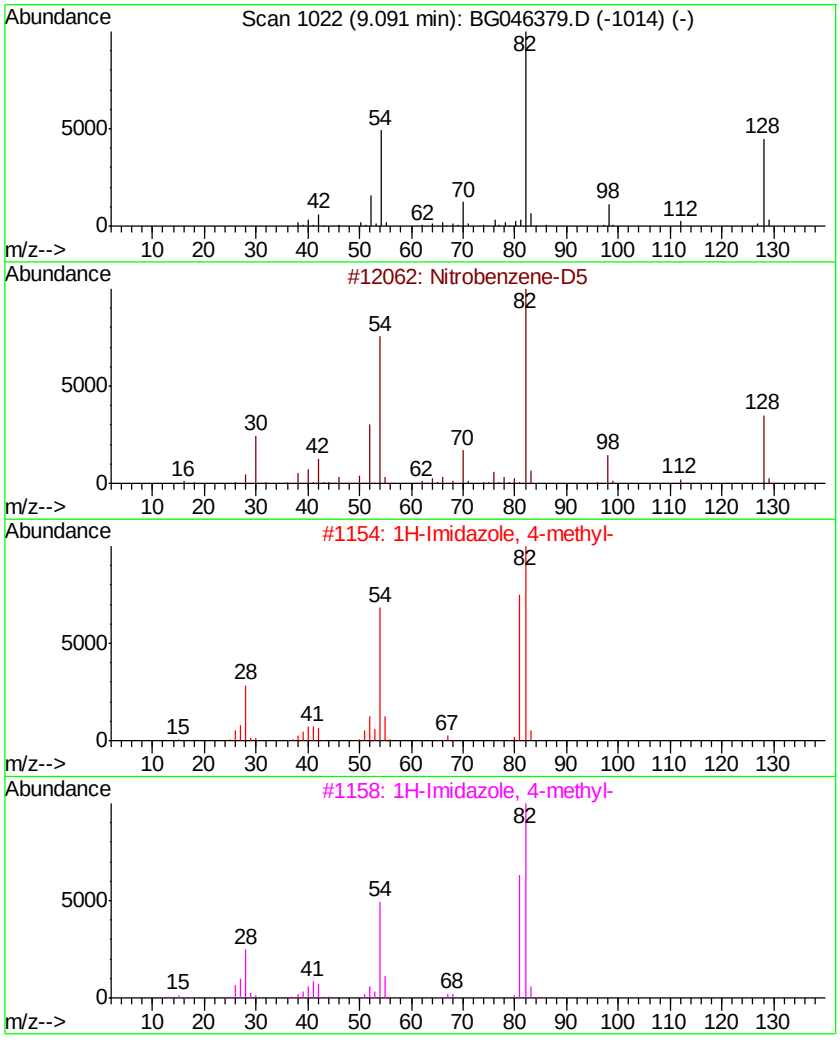
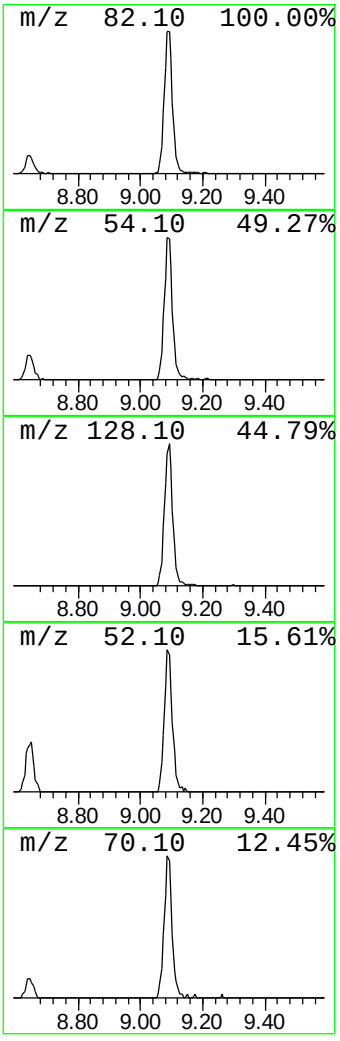
Peak Number 6 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	10.74 ng/ul	261798	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	50
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	47
3	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	28
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	28





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Instrument : BNA_G
ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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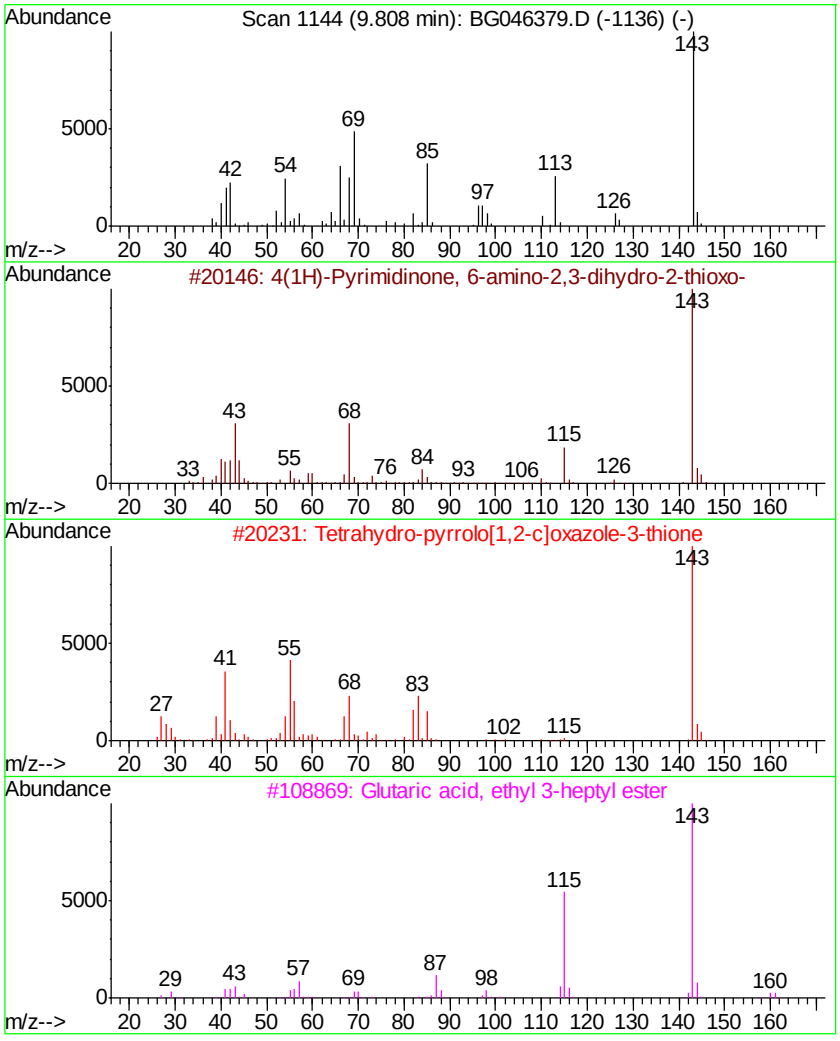
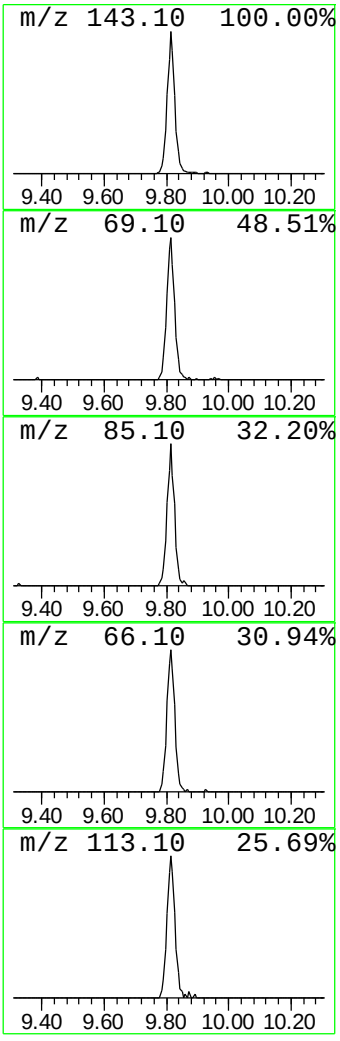
Peak Number 7 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.76 ng/ul	215920	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	22
2	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3	Glutaric acid, ethyl 3-heptyl ester	258	C14H26O4	1000359-73-0	12
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12





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Quant Title : SVOA CALIBRATION

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

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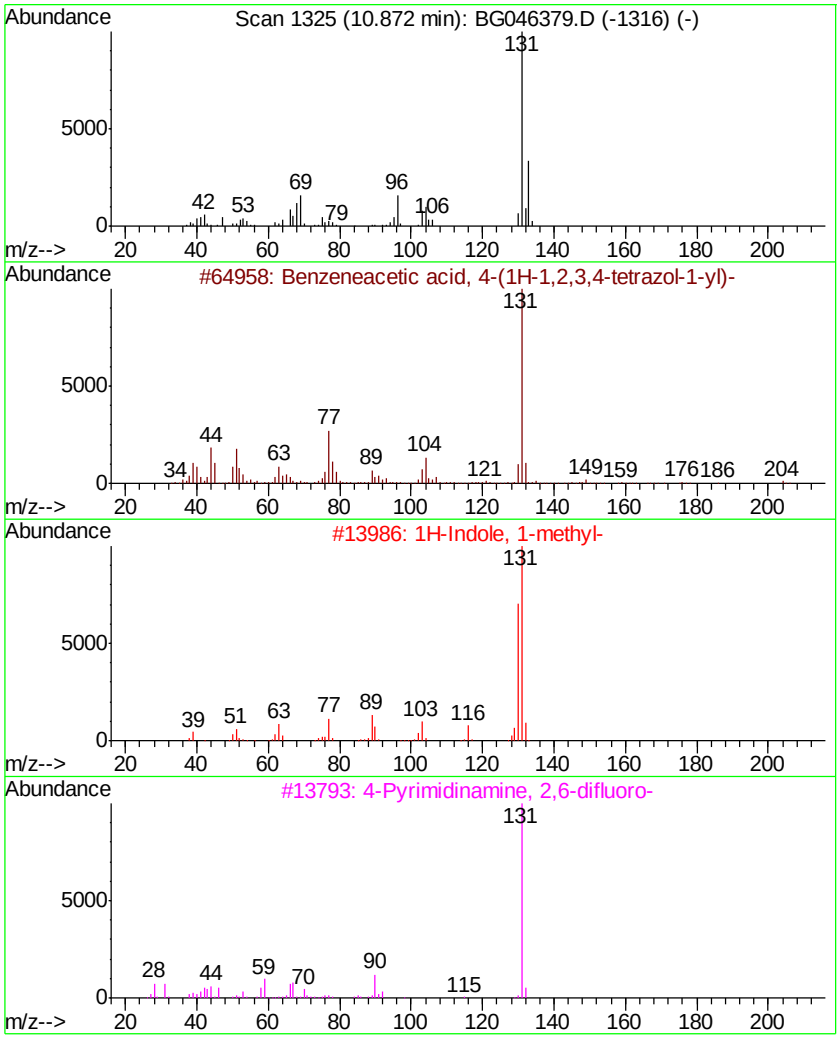
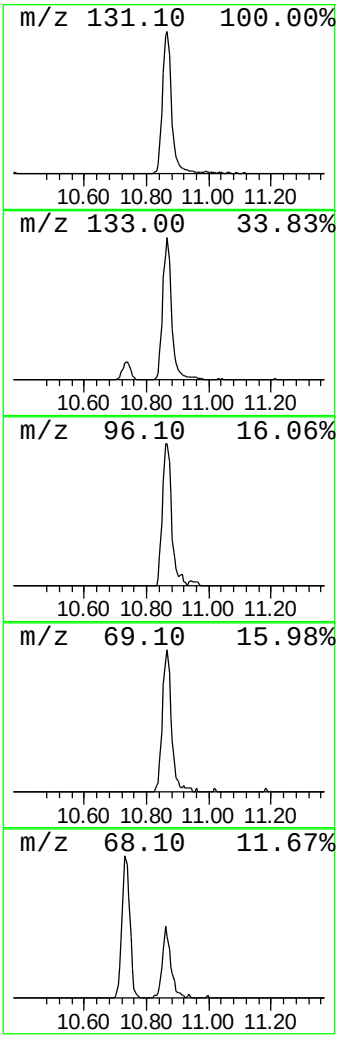
Peak Number 8 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.98 ng/ul	261688	Naphthalene-d8	10.74

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	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	9





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ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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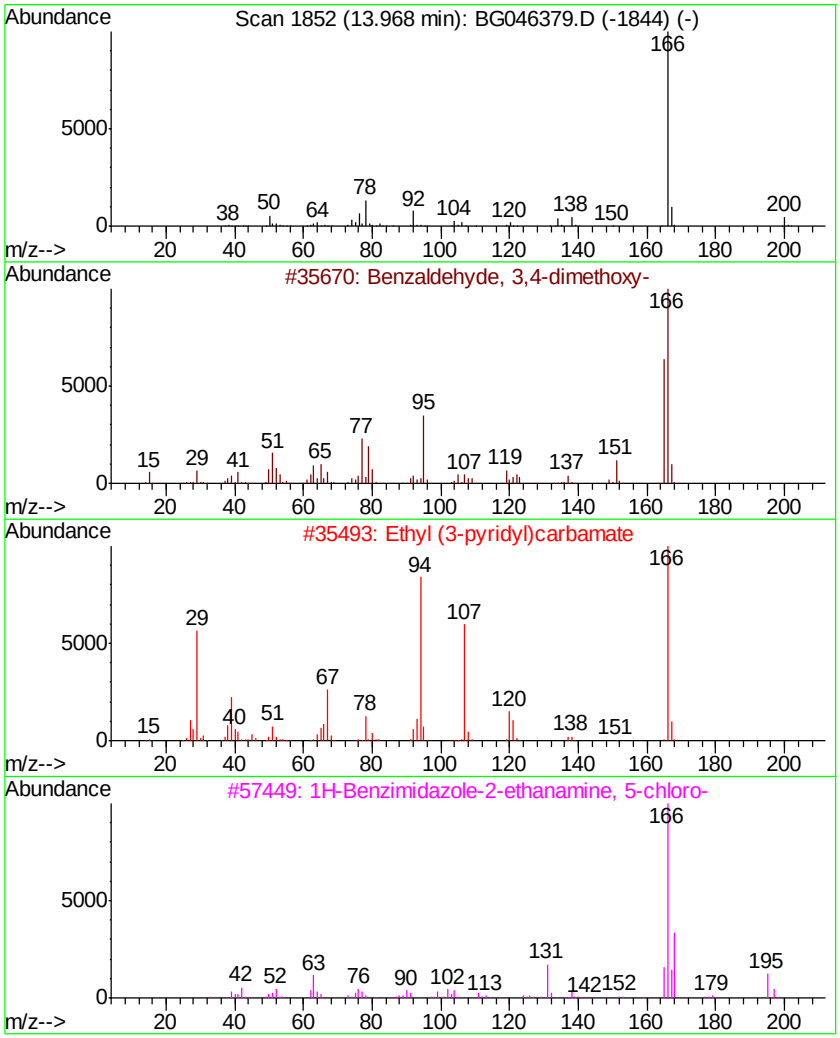
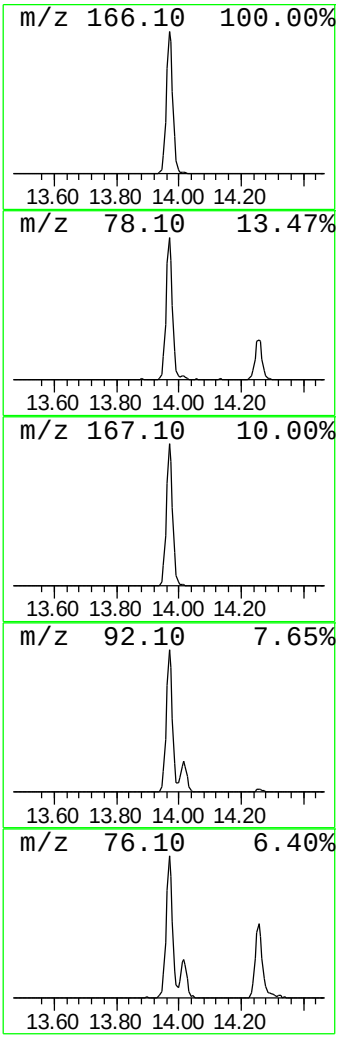
Peak Number 9 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	10.94 ng/ul	584635	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4	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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Operator : CG/JU
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Quant Title : SVOA CALIBRATION

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

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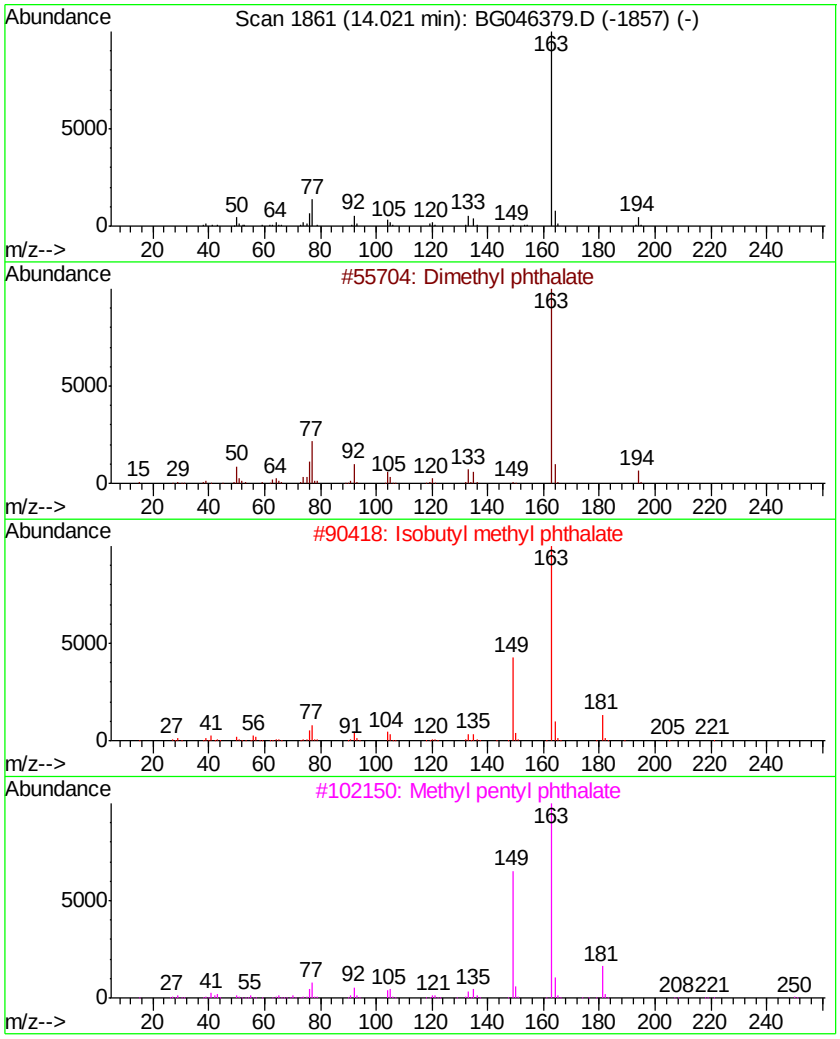
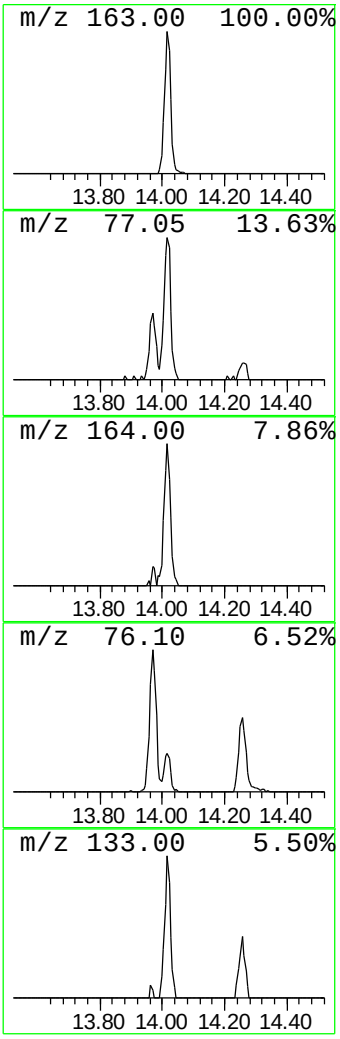
Peak Number 10 Dimethyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.28 ng/ul	121922	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	83
3	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	83
4	Phthalic acid, methyl 2-nitrophe...	301	C15H11NO6	1000315-68-3	83
5	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83





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Instrument : BNA_G
ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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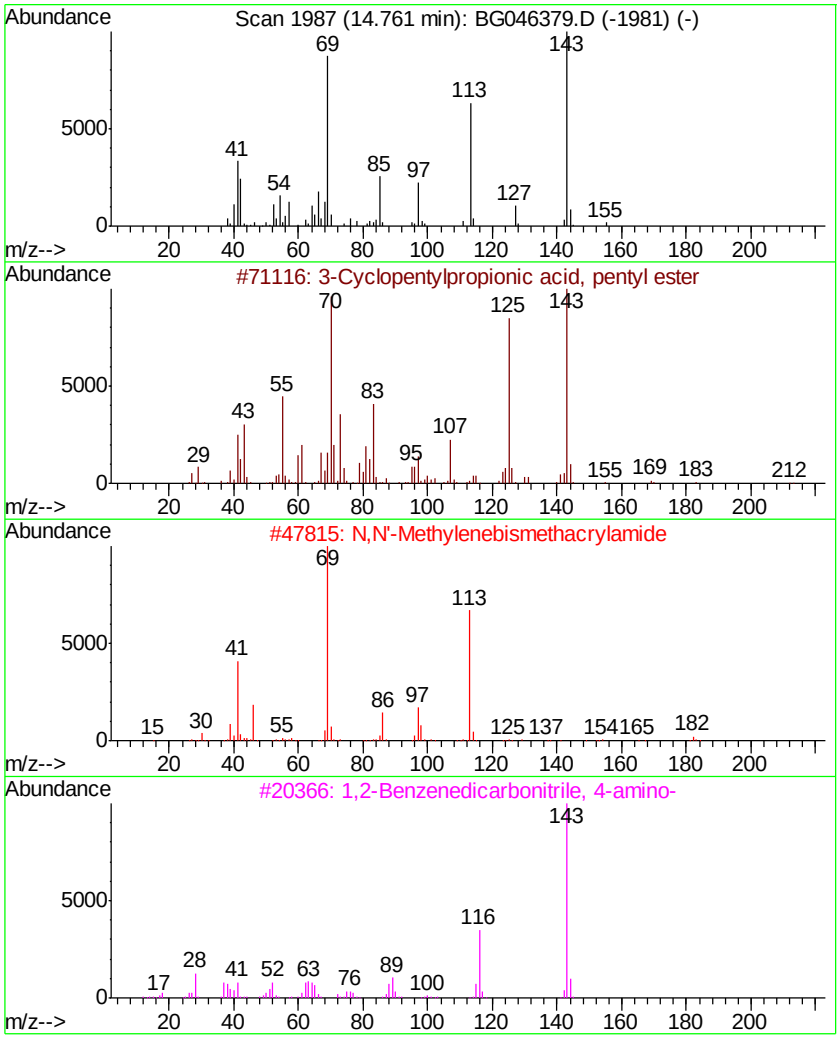
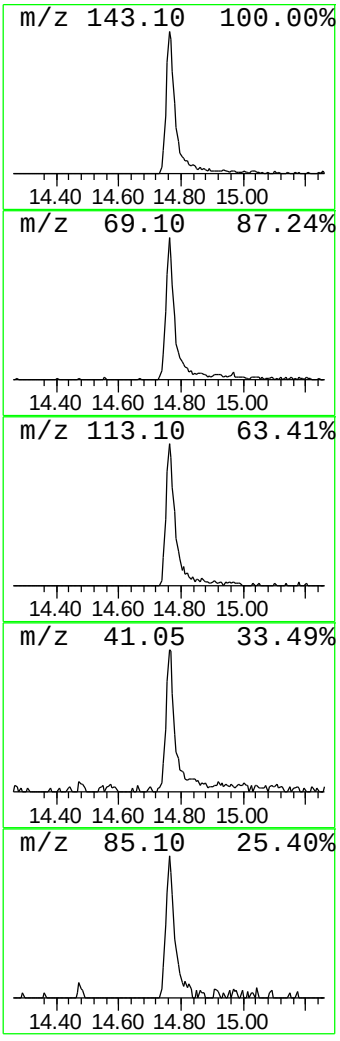
Peak Number 11 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.53 ng/ul	188712	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentylpropionic acid, pen...	212	C13H24O2	1000292-33-2	22
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	17
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	12
5	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	12





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Instrument : BNA_G
ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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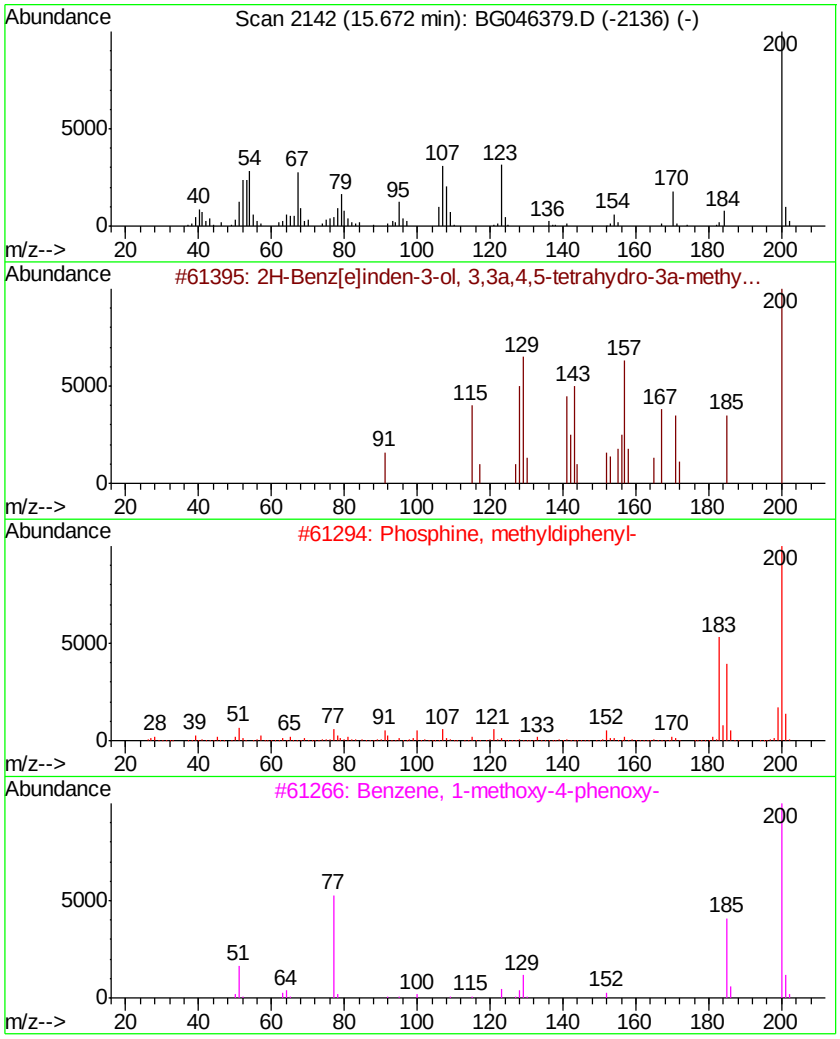
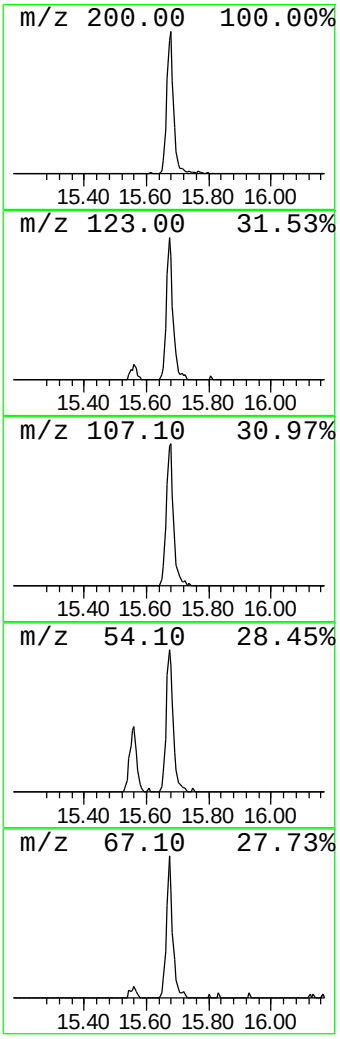
Peak Number 12 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.65 ng/ul	194902	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	27
2	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	22
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	22
4	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	22
5	Benzenamine, 3-(4-aminophenoxy)-	200	C12H12N2O	002657-87-6	12





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Instrument : BNA_G
ClientSampleId : BFMF4

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Quant Title : SVOA CALIBRATION

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

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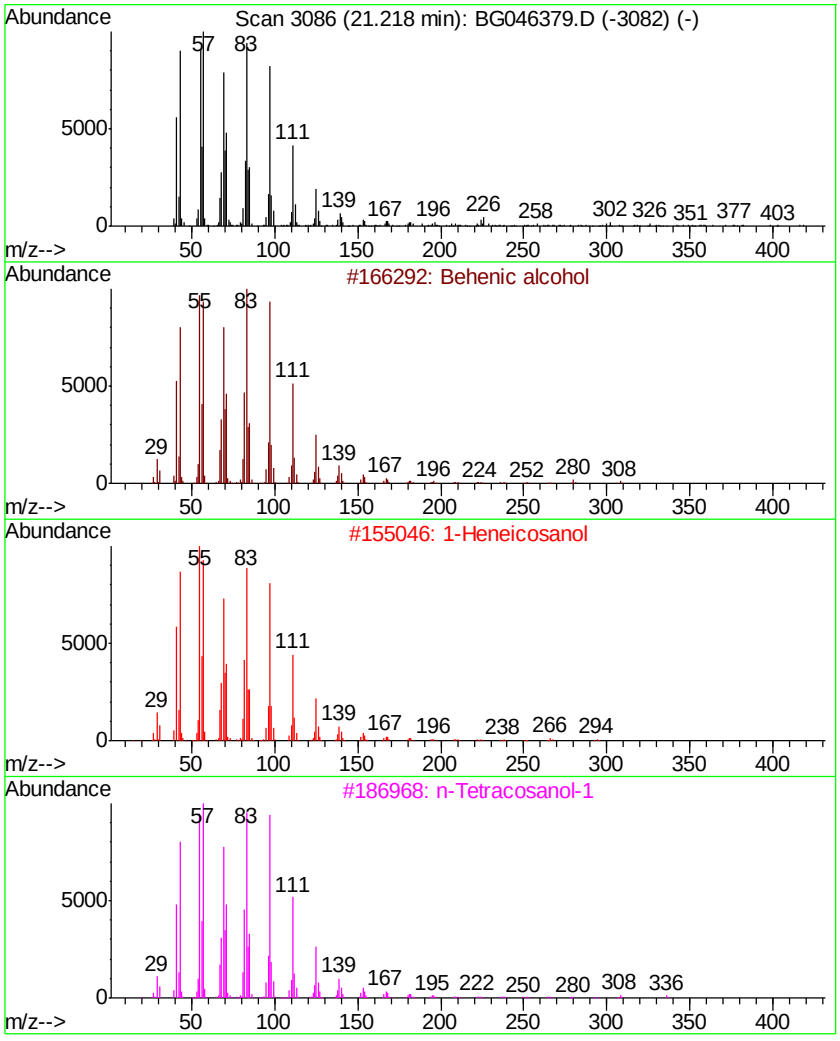
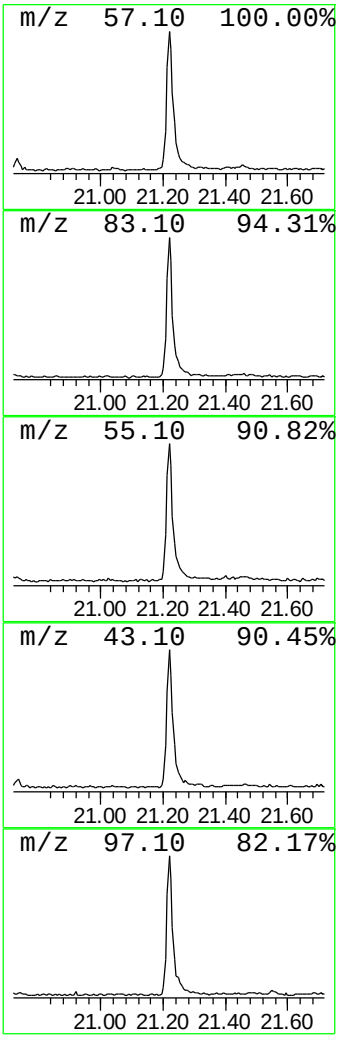
Peak Number 13 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	6.70 ng/ul	606422	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93





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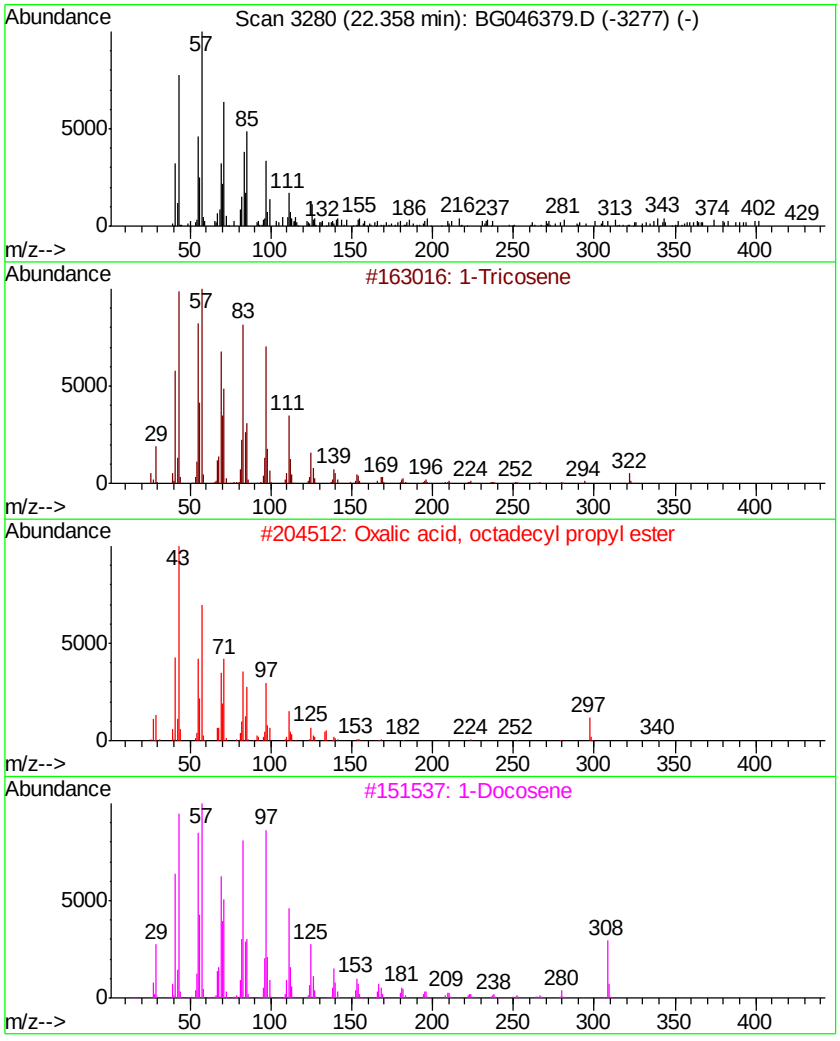
Quant Title : SVOA CALIBRATION

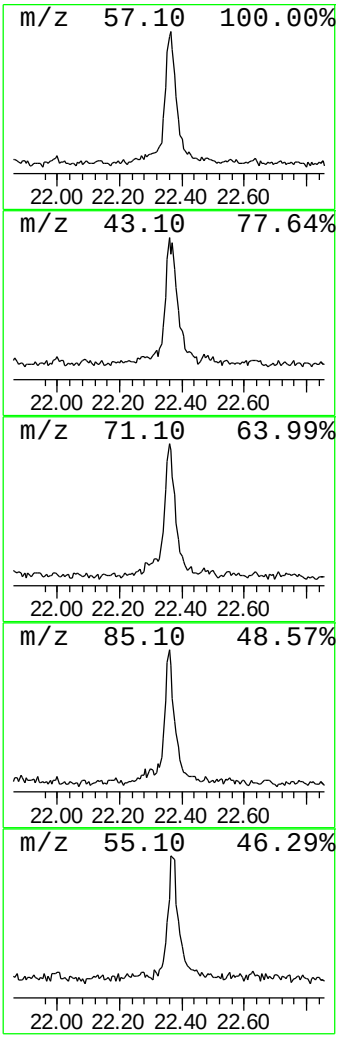
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.13 ng/ul	193032	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	90
3	1-Docosene	308	C22H44	001599-67-3	89
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





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Quant Title : SVOA CALIBRATION

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

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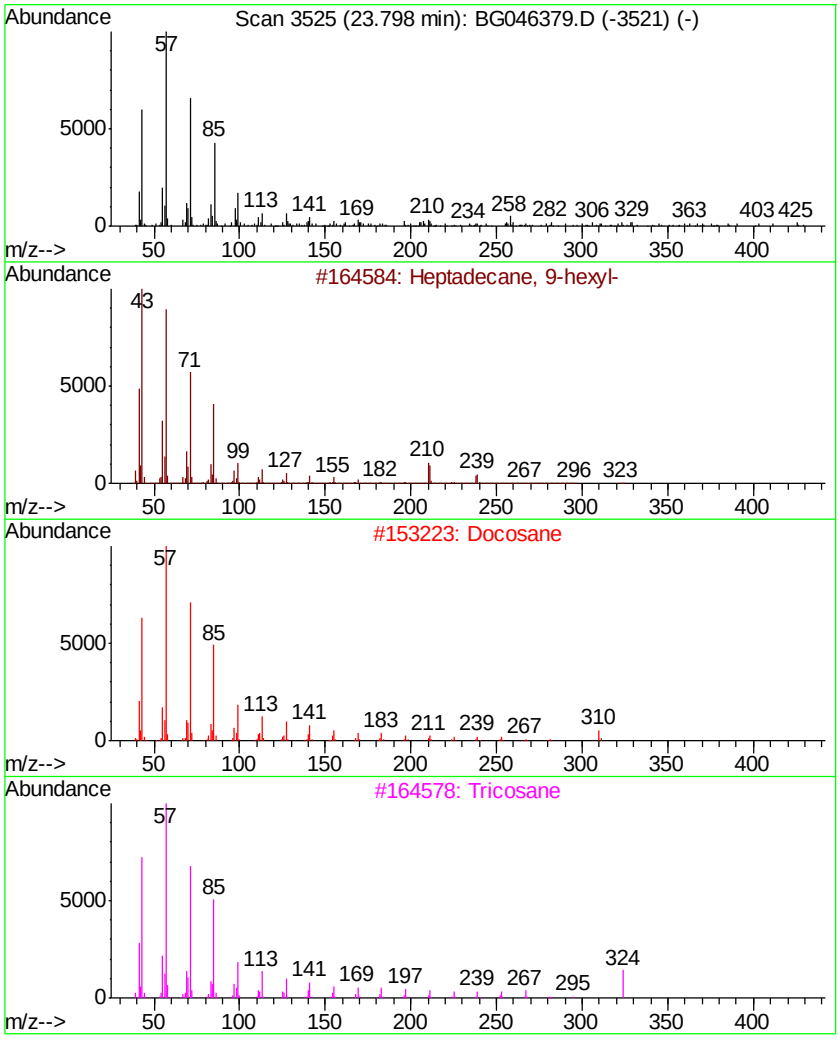
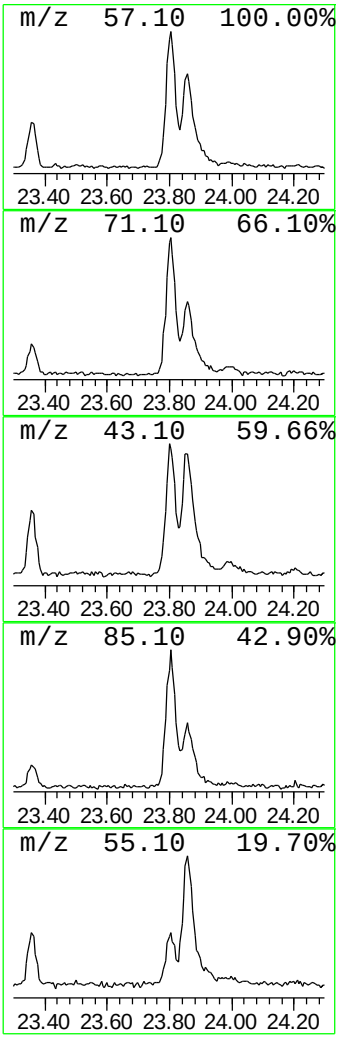
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.14 ng/ul	171154	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Docosane	310	C22H46	000629-97-0	93
3	Tricosane	324	C23H48	000638-67-5	91
4	Docosane	310	C22H46	000629-97-0	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Quant Title : SVOA CALIBRATION

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

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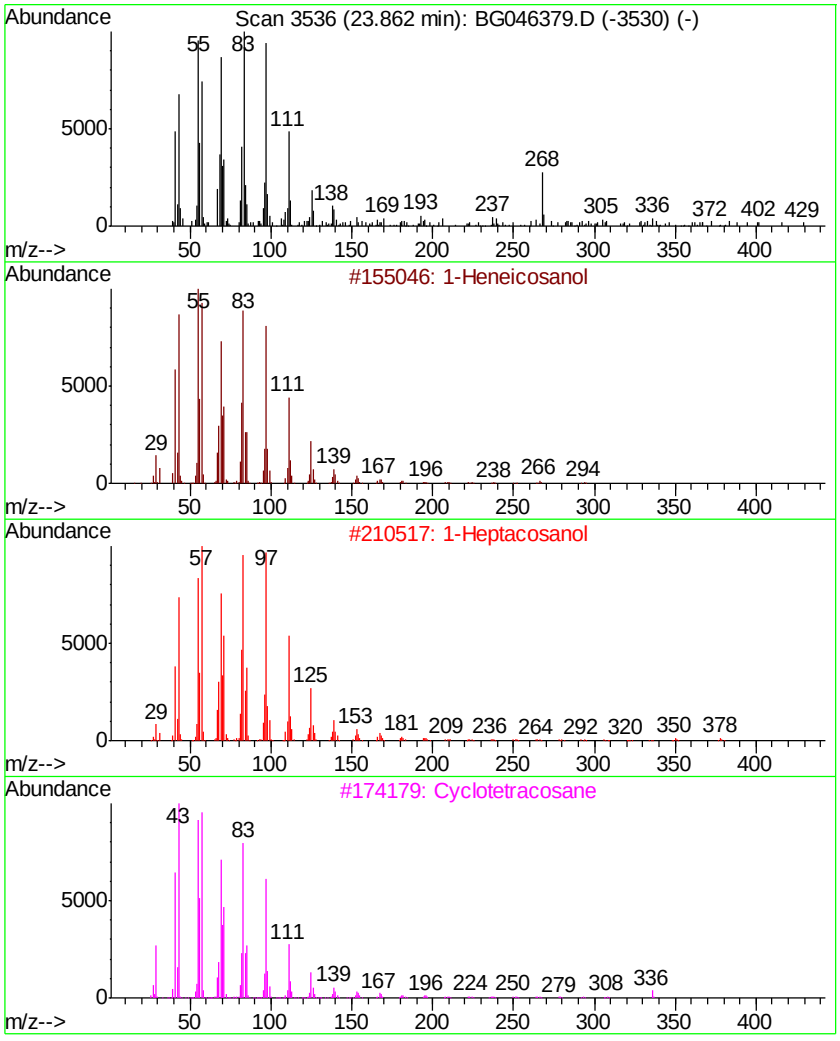
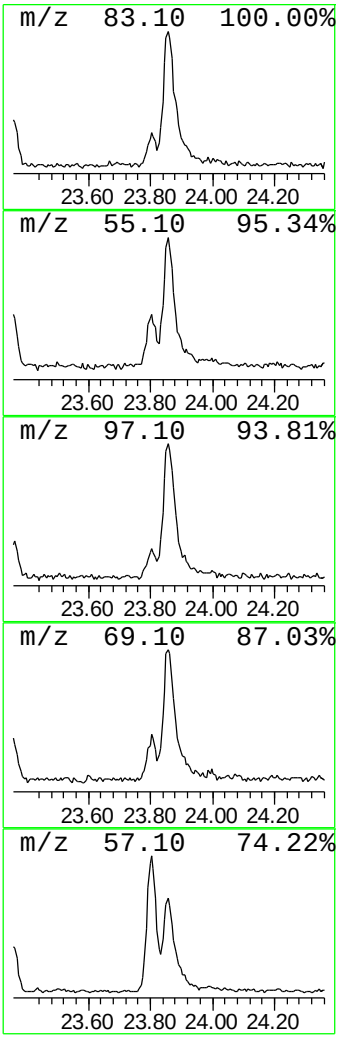
Peak Number 16 1-Heneicosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.22 ng/ul	257050	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	Cyclotetracosane	336	C24H48	000297-03-0	80
4	Cyclotetracosane	336	C24H48	000297-03-0	74
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	68





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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

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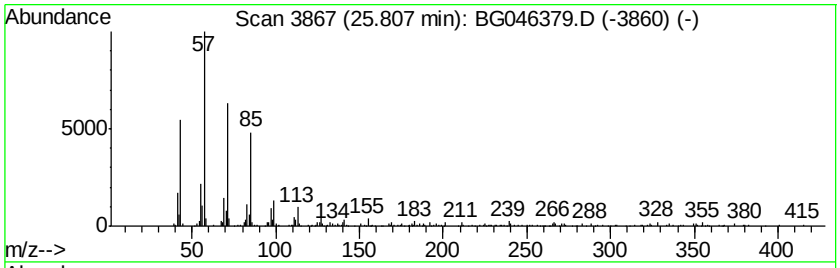
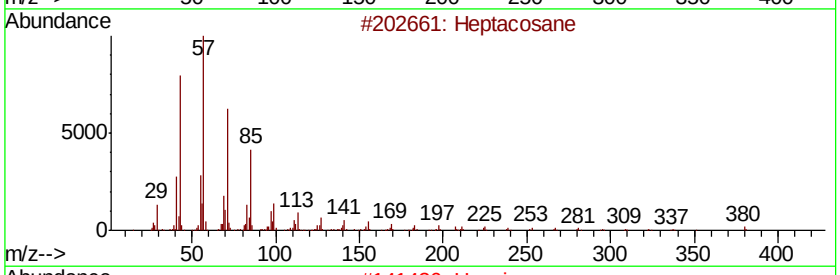
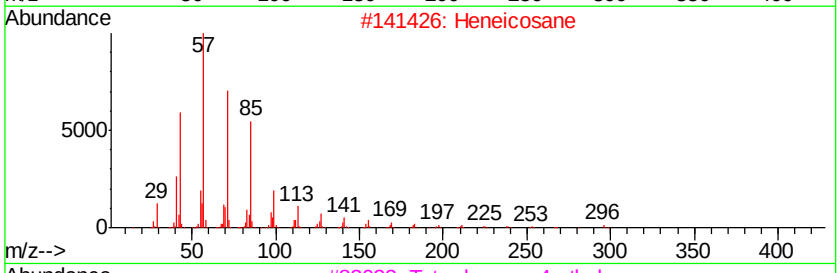
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

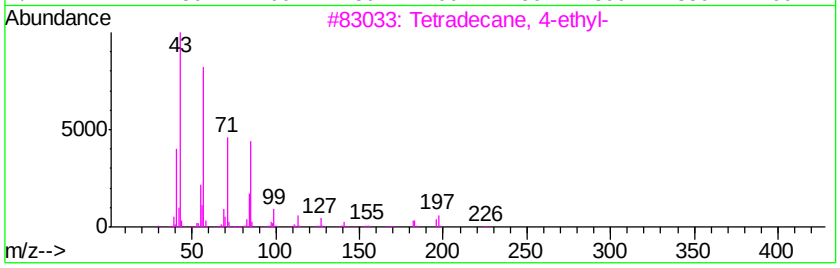
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	4.26 ng/ul	339881	Perylene-d12	24.66

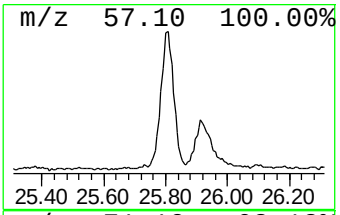
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptacosane	380	C27H56	000593-49-7	74

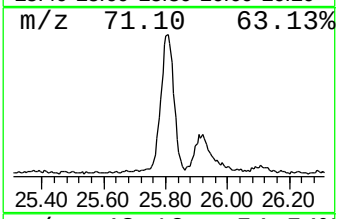


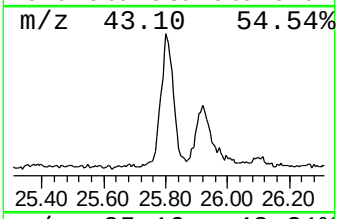


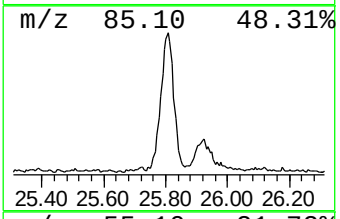


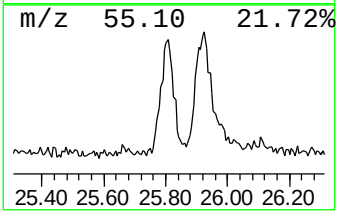












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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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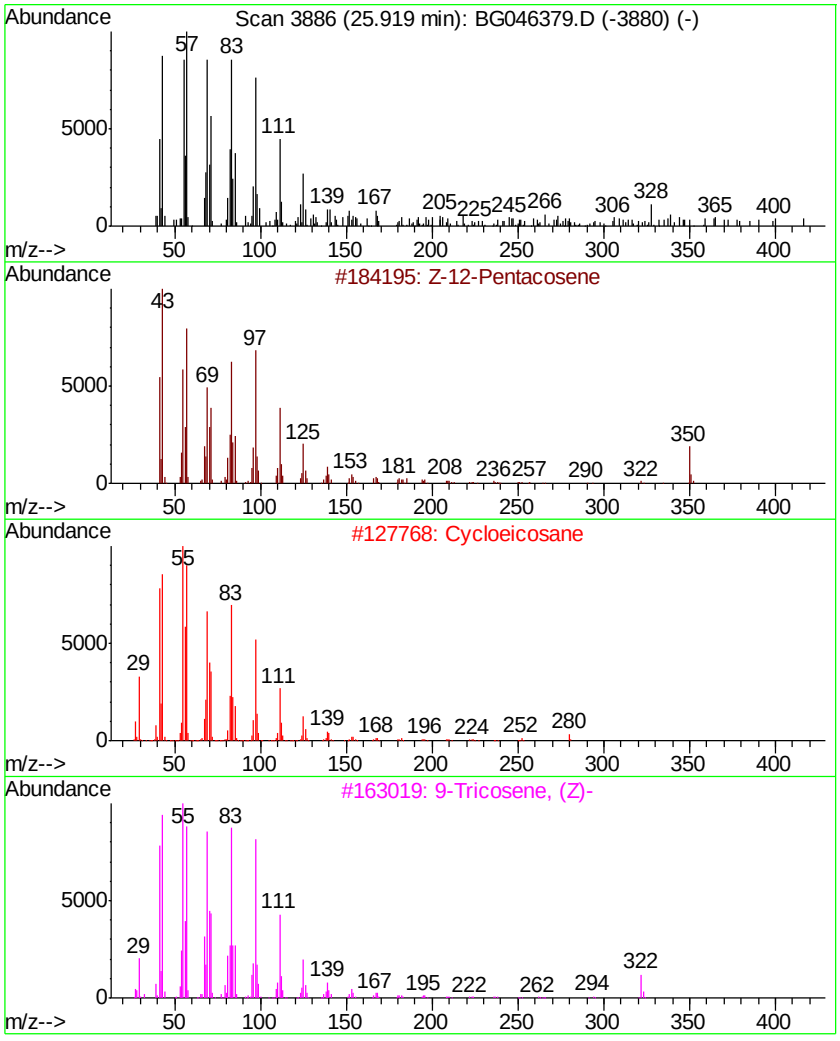
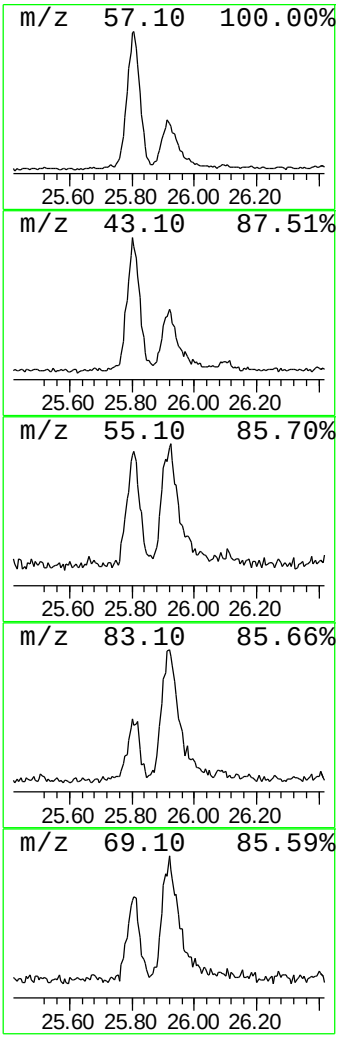
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.92	2.49 ng/ul	199016	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-12-Pentacosene	350	C25H50	1000131-09-4	97
2	Cycloeicosane	280	C20H40	000296-56-0	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046379.D
Acq On : 20 Aug 2020 15:13
Operator : CG/JU
Sample : L3634-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF4

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	85.7	ng/ul	2090350	1	7.94	487711	20.0
4H-Imidazol-4-one...	7.11	10.3	ng/ul	252211	1	7.94	487711	20.0
unknown-01	7.26	8.4	ng/ul	205141	1	7.94	487711	20.0
unknown-02	7.47	10.8	ng/ul	263318	1	7.94	487711	20.0
unknown-03	8.64	11.1	ng/ul	270670	1	7.94	487711	20.0
unknown-04	9.09	10.7	ng/ul	261798	1	7.94	487711	20.0
unknown-05	9.81	5.8	ng/ul	215920	2	10.74	749377	20.0
unknown-06	10.87	7.0	ng/ul	261688	2	10.74	749377	20.0
unknown-07	13.97	10.9	ng/ul	584635	3	14.57	1068520	20.0
Dimethyl phthalate	14.02	2.3	ng/ul	121922	3	14.57	1068520	20.0
unknown-08	14.76	3.5	ng/ul	188712	3	14.57	1068520	20.0
unknown-09	15.67	3.6	ng/ul	194902	3	14.57	1068520	20.0
Behenic alcohol	21.22	6.7	ng/ul	606422	5	21.55	1811110	20.0
(DEL) Alkane: Str...	22.36	2.1	ng/ul	193032	5	21.55	1811110	20.0
(DEL) Alkane: Str...	23.80	2.1	ng/ul	171154	6	24.66	1597110	20.0
1-Heneicosanol	23.86	3.2	ng/ul	257050	6	24.66	1597110	20.0
(DEL) Alkane: Str...	25.81	4.3	ng/ul	339881	6	24.66	1597110	20.0
(DEL) Alkane: Str...	25.92	2.5	ng/ul	199016	6	24.66	1597110	20.0