LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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	5	9	24	rVB	412433	640373	25.17%	2.393%
2	3.399	49	53	63	rVB	16913	28030	1.10%	0.105%
3	4.046	160	163	170	rVB5	4711	8381	0.33%	0.031%
4	4.146	175	180	186	rVB4	4299	7538	0.30%	0.028%
5	4.469	231	235	239	rVB5	3775	5194	0.20%	0.019%
6	5.056	330	335	343	rBV3	11718	19071	0.75%	0.071%
7	7.113	677	685	695	rBV	326884	581552	22.86%	2.173%
8	7.266	704	711	726	rVB	256868	426538	16.77%	1.594%
9	7.477	739	747	756	rBV	333079	581996	22.88%	2.175%
10	7.548	756	759	766	rVB4	5309	9557	0.38%	0.036%
11	7.941	819	826	835	rBV	297266	505067	19.85%	1.888%
12	8.652	939	947	958	rBV	418090	744023	29.25%	2.781%
13	9.093	1013	1022	1035	rBV	311408	570622	22.43%	2.133%
14	9.815	1136	1145	1157	rBV	269335	487562	19.17%	1.822%
15	10.362	1231	1238	1253	rBV	455925	815124	32.04%	3.046%
16	10.738	1294	1302	1312	rBV	437419	782126	30.75%	2.923%
17	10.867	1316	1324	1343	rBV	406823	770984	30.31%	2.881%
18	11.660	1456	1459	1462	rBV4	1999	2861	0.11%	0.011%
19	11.696	1462	1465	1472	rVB7	2100	4741	0.19%	0.018%
20	12.324	1565	1572	1580	rBV2	6011	10297	0.40%	0.038%
21	12.935	1671	1676	1680	rBV3	2270	3494	0.14%	0.013%
22	13.182	1713	1718	1724	rBV5	3082	5068	0.20%	0.019%
23	13.470	1763	1767	1771	rBV3	4552	6077	0.24%	0.023%
24	13.975	1845	1853	1857	rBV	800216	1164244	45.77%	4.351%
25	14.016	1857	1860	1868	rVB	106063	149513	5.88%	0.559%
26	14.263	1890	1902	1913	rBV	966483	1521743	59.82%	5.687%
27	14.569	1947	1954	1968	rBV	725445	1135763	44.65%	4.245%
28	14.768	1980	1988	2010	rBV	237042	468623	18.42%	1.751%
29	14.927	2013	2015	2020	rVB6	2200	3327	0.13%	0.012%
30	15.374	2086	2091	2097	rBV5	2900	5565	0.22%	0.021%
31	15.562	2116	2123	2131	rBV	1282117	1910760	75.11%	7.141%
32	15.679	2137	2143	2154	rBV	232024	358234	14.08%	1.339%
33	15.803	2159	2164	2168	rVB2	13800	19749	0.78%	0.074%
34	16.132	2216	2220	2225	rVB4	2370	3302	0.13%	0.012%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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	16.290	2243	2247	2252	rBV5	1977	3400	0.13%	0.013%
36	16.343	2252	2256	2261	rVB4	6423	9363	0.37%	0.035%
37	17.095	2379	2384	2388	rVV4	3312	5159	0.20%	0.019%
38	17.313	2414	2421	2427	rBV	880024	1356980	53.34%	5.071%
39	17.354	2427	2428	2431	rVV2	20484	17320	0.68%	0.065%
40	17.412	2431	2438	2451	rVB	1253881	1916535	75.34%	7.162%
41	17.559	2459	2463	2470	rBV6	8302	20473	0.80%	0.077%
42	17.882	2514	2518	2524	rVB2	9434	12110	0.48%	0.045%
43	17.982	2532	2535	2541	rBV6	2356	4000	0.16%	0.015%
44	18.200	2565	2572	2576	rBV7	7651	18703	0.74%	0.070%
45	18.235	2576	2578	2581	rVV3	5644	7126	0.28%	0.027%
46	18.276	2583	2585	2589	rVB	3554	4330	0.17%	0.016%
47	18.382	2599	2603	2608	rBV5	3869	6672	0.26%	0.025%
48	18.423	2608	2610	2614	rVB3	3217	3414	0.13%	0.013%
49	18.505	2621	2624	2626	rBV4	2609	2766	0.11%	0.010%
50	18.541	2626	2630	2634	rVV3	9169	17000	0.67%	0.064%
51	18.588	2634	2638	2641	rVV5	30870	46521	1.83%	0.174%
52	18.617	2641	2643	2651	rVV5	20909	24208	0.95%	0.090%
53	18.687	2651	2655	2658	rVV4	4767	7908	0.31%	0.030%
54	18.740	2658	2664	2669	rVB8	9525	16754	0.66%	0.063%
55	18.817	2674	2677	2679	rVB4	3533	3572	0.14%	0.013%
56	18.987	2701	2706	2708	rBV6	5906	8700	0.34%	0.033%
57	19.016	2708	2711	2712	rVV3	3925	3615	0.14%	0.014%
58	19.069	2715	2720	2725	rBV	44346	55189	2.17%	0.206%
59	19.240	2745	2749	2756	rVB9	8533	14632	0.58%	0.055%
60	19.328	2757	2764	2767	rBV2	29336	47458	1.87%	0.177%
61	19.363	2767	2770	2774	rVV	51406	67082	2.64%	0.251%
62	19.404	2774	2777	2783	rVB3	30581	36115	1.42%	0.135%
63	19.469	2785	2788	2791	rVV3	21315	23730	0.93%	0.089%
64	19.510	2791	2795	2800	rVB2	78432	101317	3.98%	0.379%
65	19.580	2803	2807	2812	rBV	15084	22337	0.88%	0.083%
66	19.627	2812	2815	2819	rVB4	9208	11693	0.46%	0.044%
67	19.698	2819	2827	2840	rBV	1654222	2543820	100.00%	9.507%
68	19.798	2842	2844	2848	rVB4	6183	7381	0.29%	0.028%
69	19.915	2861	2864	2867	rBV5	6037	8321	0.33%	0.031%
70	20.068	2888	2890	2895	rVB6	10294	11752	0.46%	0.044%
71	20.186	2906	2910	2912	rBV5	6397	9756	0.38%	0.036%

LSC Area Percent Report

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Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

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Peak separation: 5

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

72	20.215	2912	2915	2918	rVV3	15372	22585	0.89%	0.084%
73	20.244	2918	2920	2923	rVB4	9329	6896	0.27%	0.026%
74	20.438	2951	2953	2956	rVB4	6493	3369	0.13%	0.013%
75	21.226	3082	3087	3100	rBV	254100	457634	17.99%	1.710%
76	21.561	3137	3144	3151	rBV2	954598	1554373	61.10%	5.809%
77	21.766	3175	3179	3183	rBV4	29654	48341	1.90%	0.181%
78	22.354	3277	3279	3285	rBV4	21400	31461	1.24%	0.118%
79	22.994	3382	3388	3392	rBV	106154	209387	8.23%	0.783%
80	23.805	3521	3526	3533	rVB	57973	117308	4.61%	0.438%
81	24.463	3628	3638	3657	rVB	813621	2276360	89.49%	8.507%
82	24.674	3665	3674	3694	rVB2	505593	1624473	63.86%	6.071%
83	25.808	3860	3867	3875	rVB5	61490	171414	6.74%	0.641%

Sum of corrected areas: 26757912

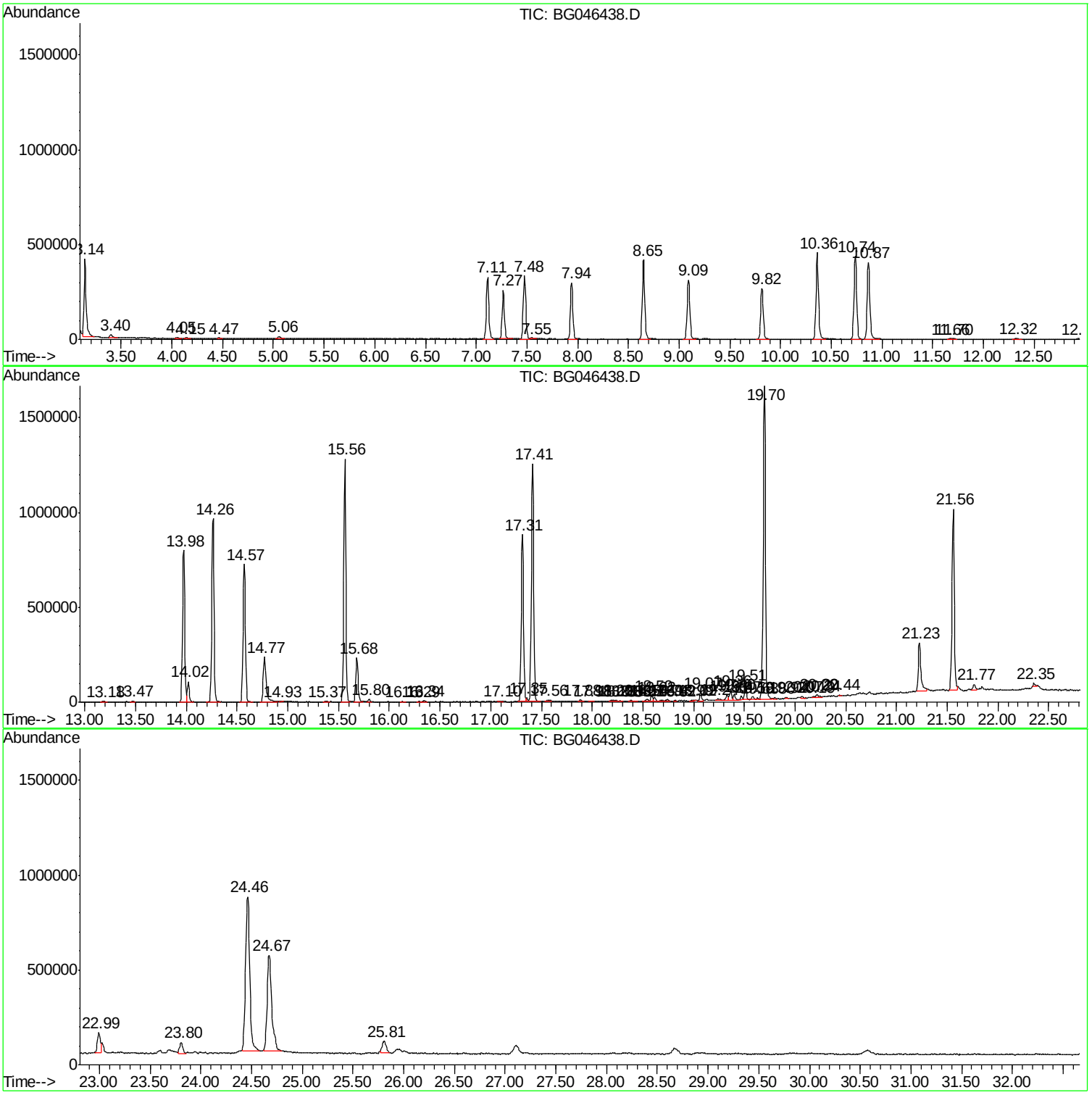
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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 : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

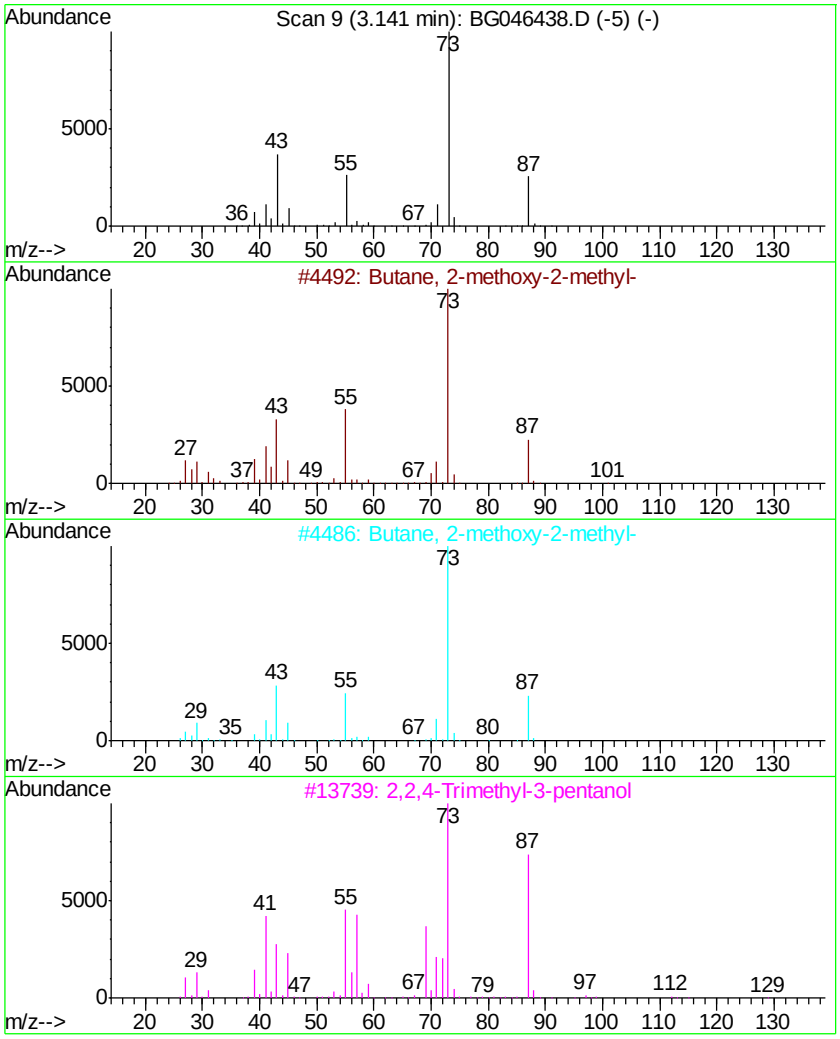
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

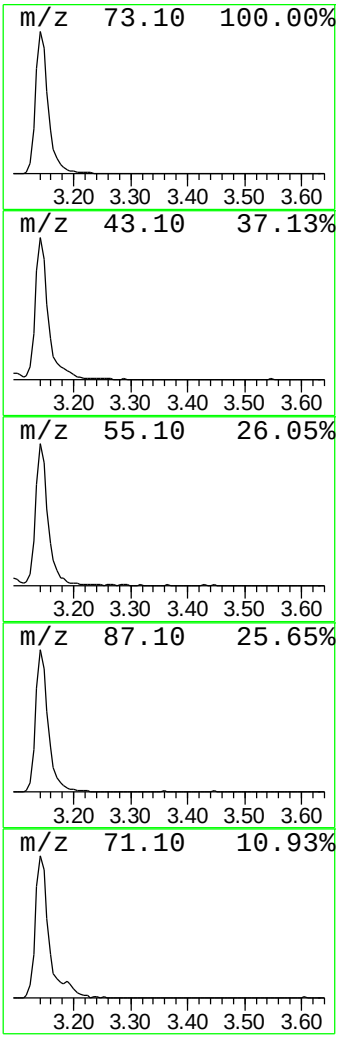
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	25.36 ng/ul	640373	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

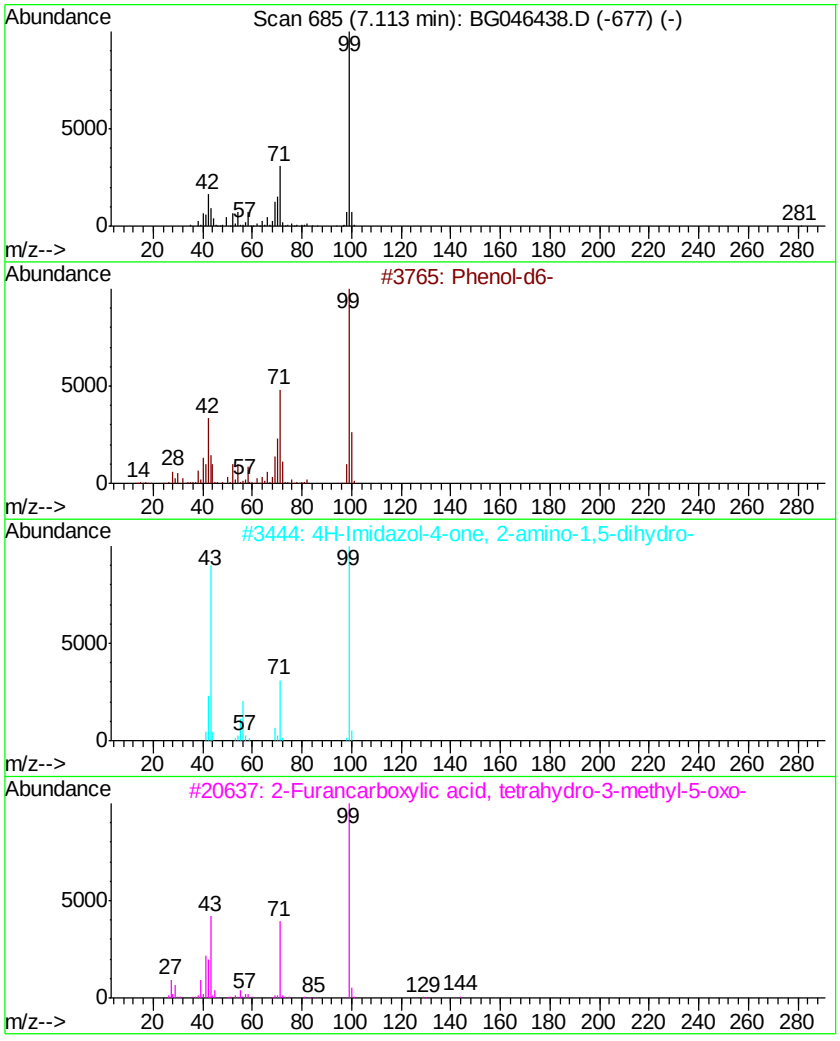
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

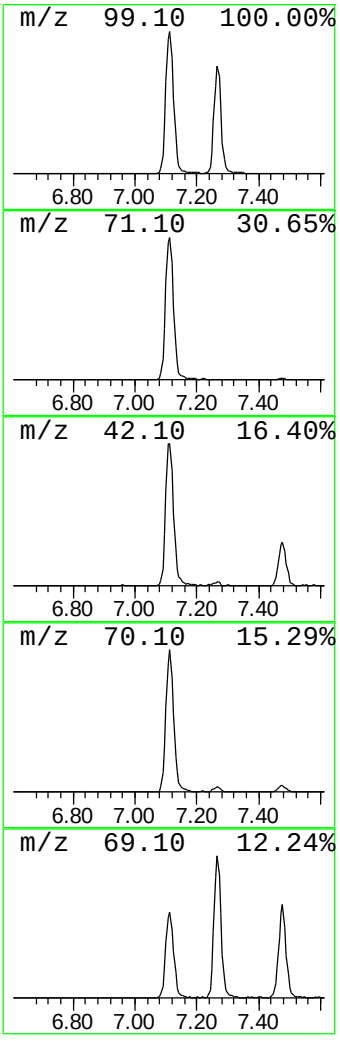
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	23.03 ng/ul	581552	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol-d6-	100	C6D6O	013127-88-3	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
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Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

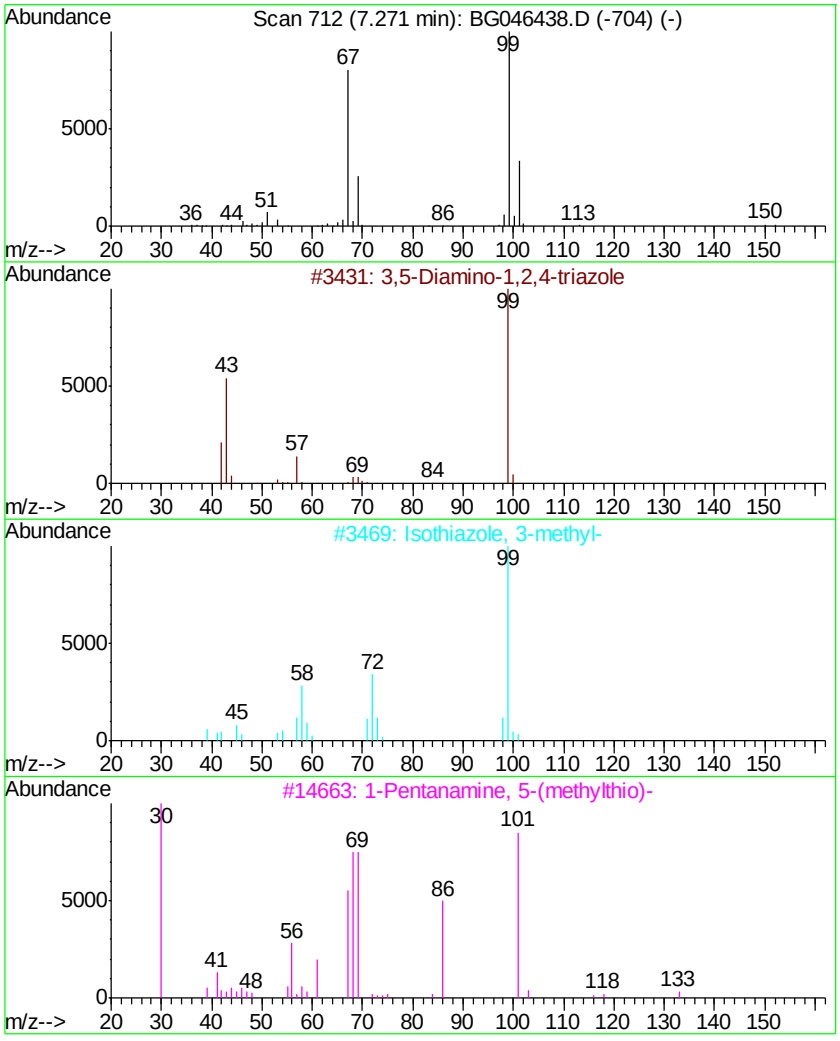
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

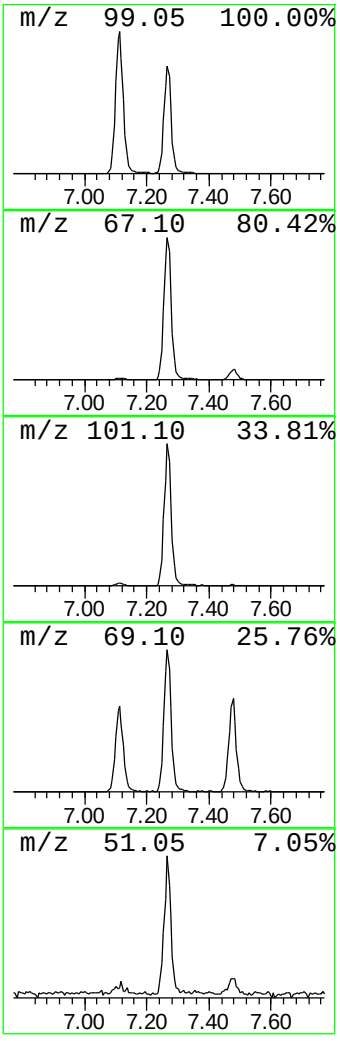
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.89 ng/ul	426538	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
3	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7
5	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
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Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

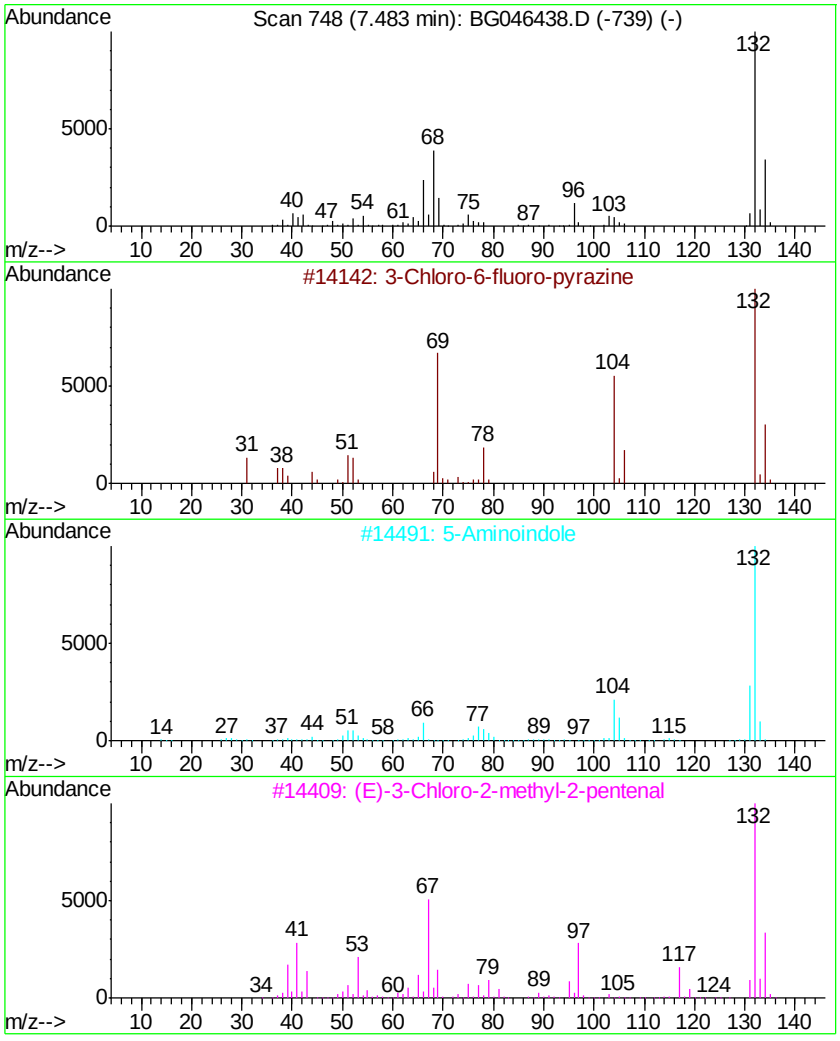
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

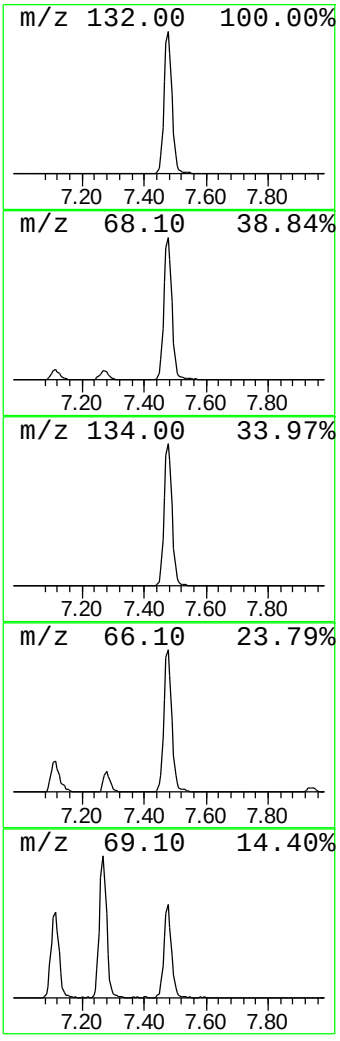
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	23.05 ng/ul	581996	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

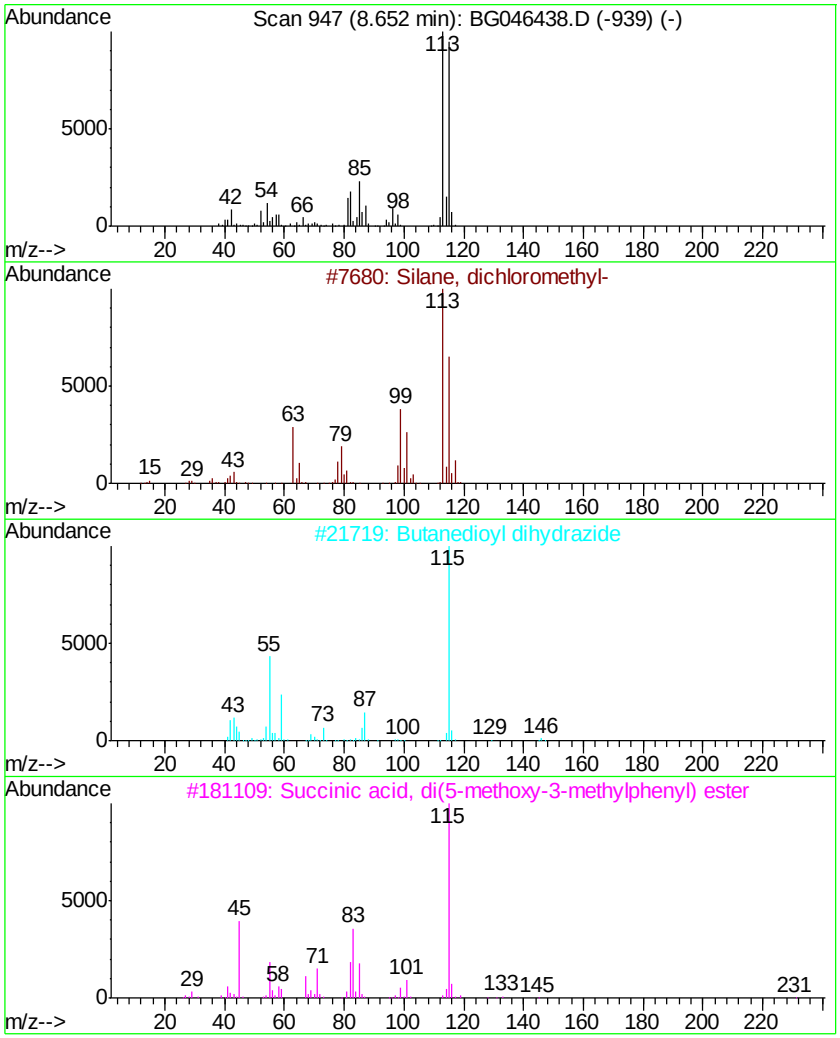
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

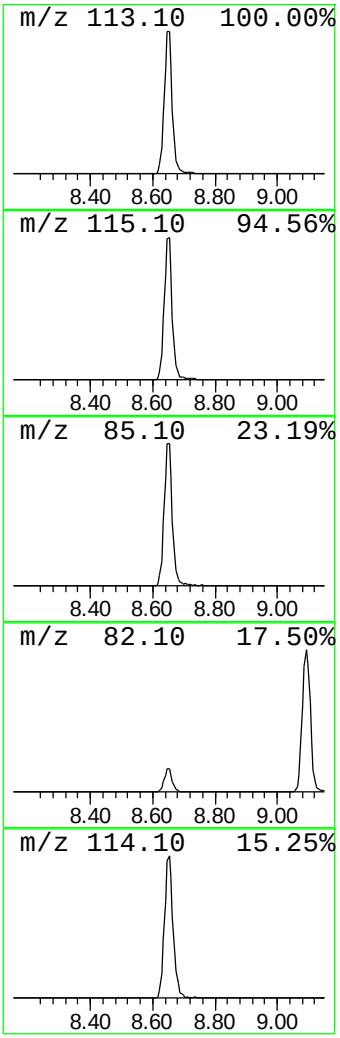
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	29.46 ng/ul	744023	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	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	35
3	Succinic acid, di(5-methoxy-3-me...	346	C18H34O6	1000330-26-5	32
4	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
5	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	25





Library Search Compound Report

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Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

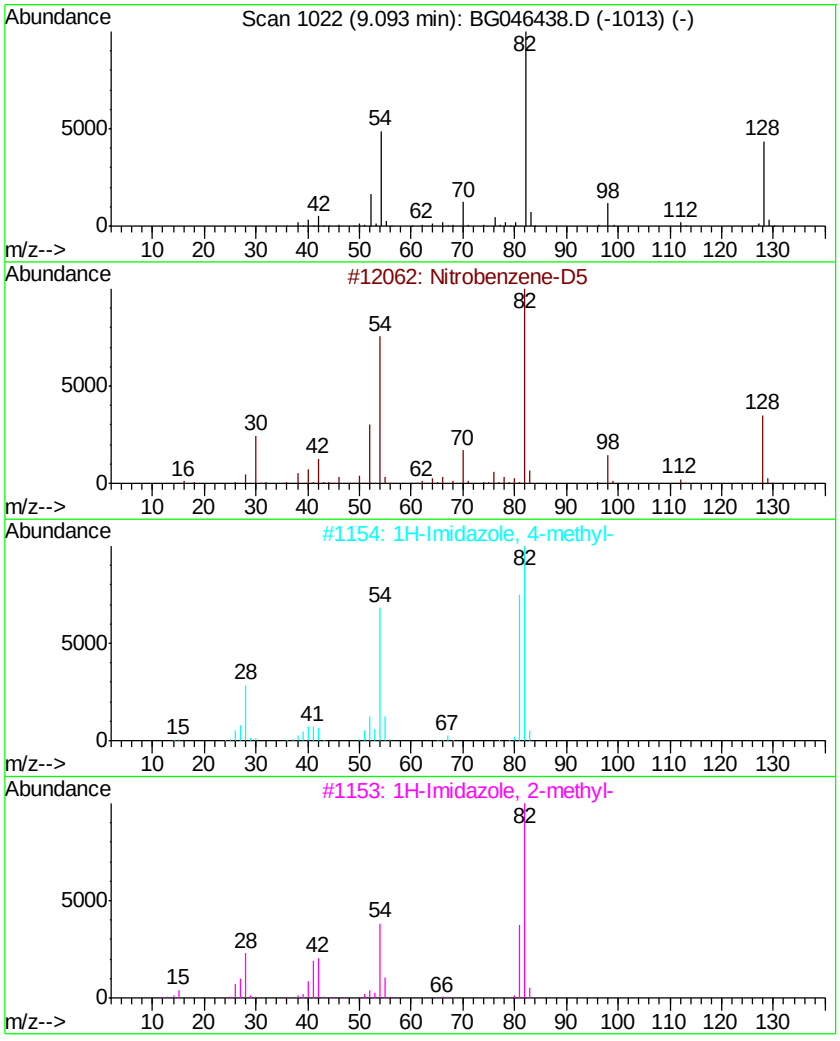
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

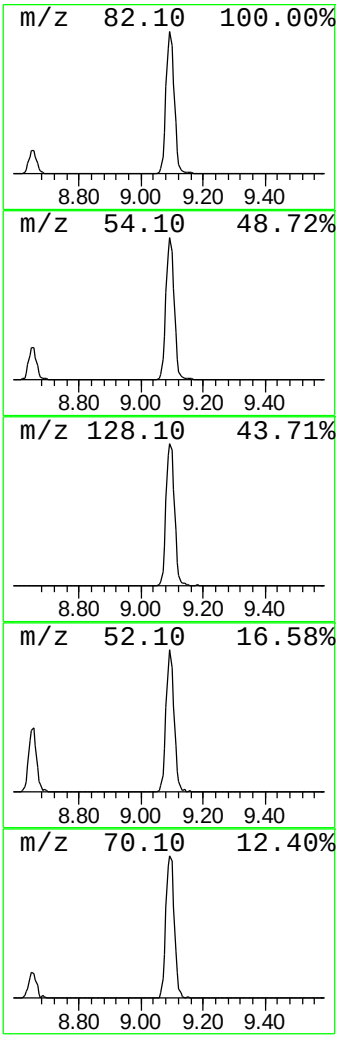
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	22.60 ng/ul	570622	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	91
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38





Library Search Compound Report

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Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

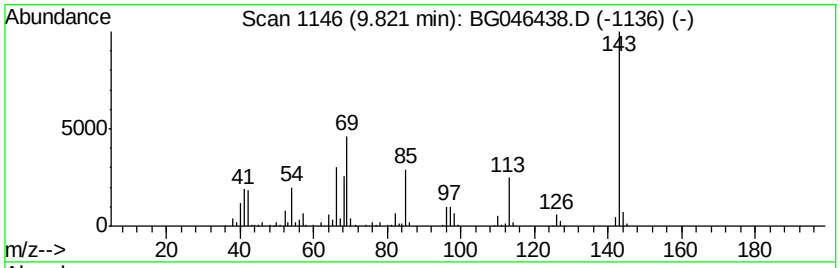
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

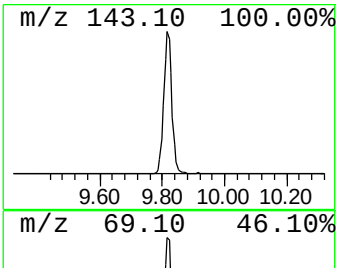
****

Peak Number 7 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.47 ng/ul	487562	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2	3-Aminophthalonitrile	143	C8H5N3	058632-96-5	10
3	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	10
4	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	10
5	3-Pyrrolidinone, 4,4-dimethyl-5-...	143	C6H9NOS	077611-54-2	9





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Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

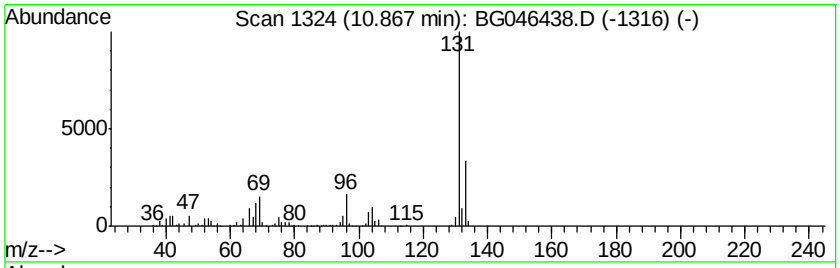
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

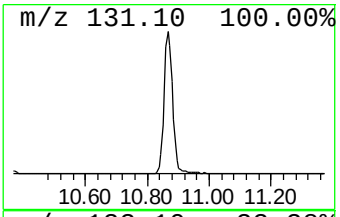
****

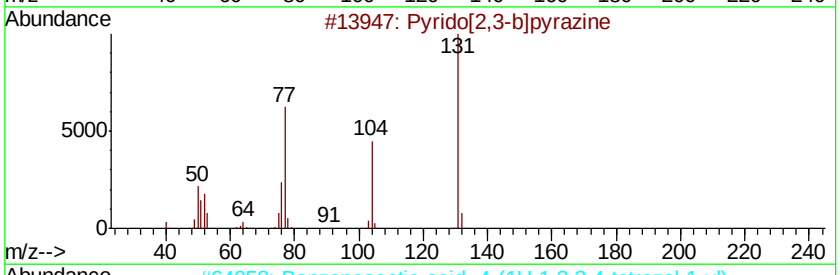
Peak Number 8 unknown-05 Concentration Rank 7

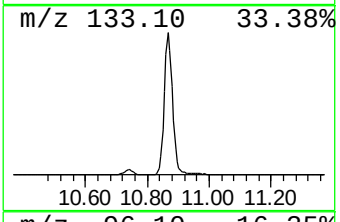
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	19.72 ng/ul	770984	Naphthalene-d8	10.74

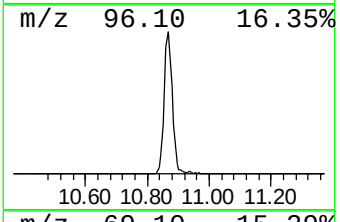
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	33
4	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9

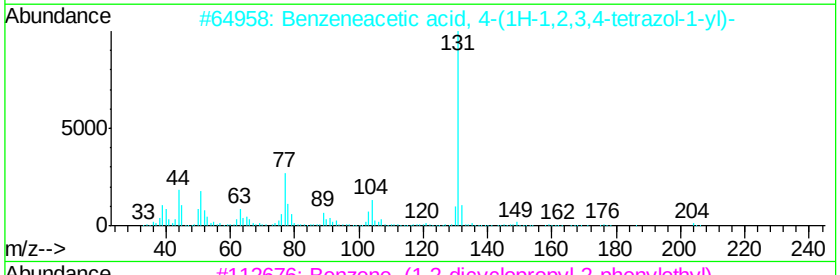


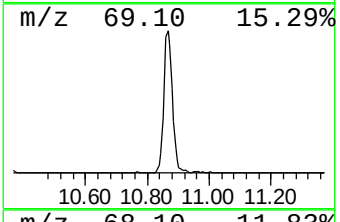


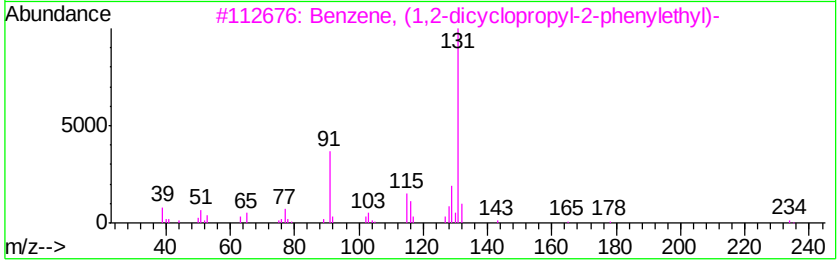


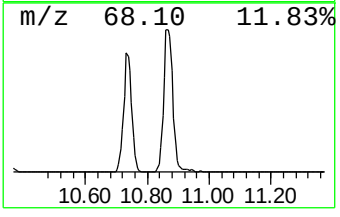












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

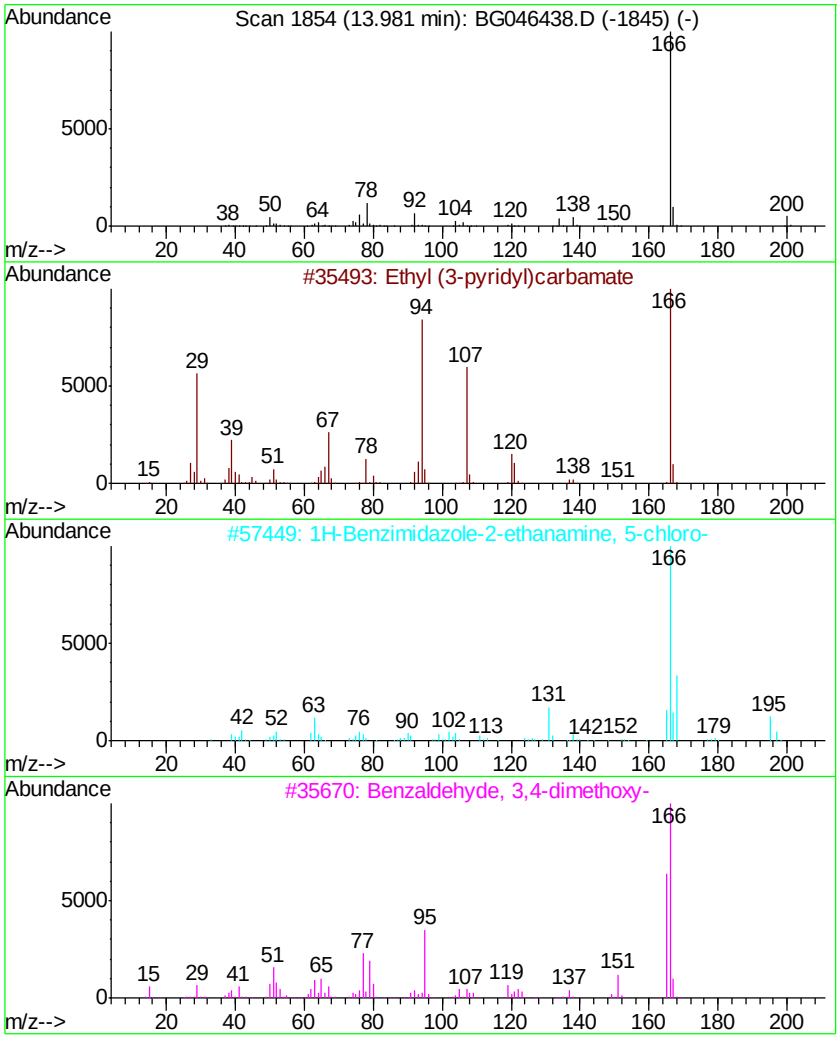
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

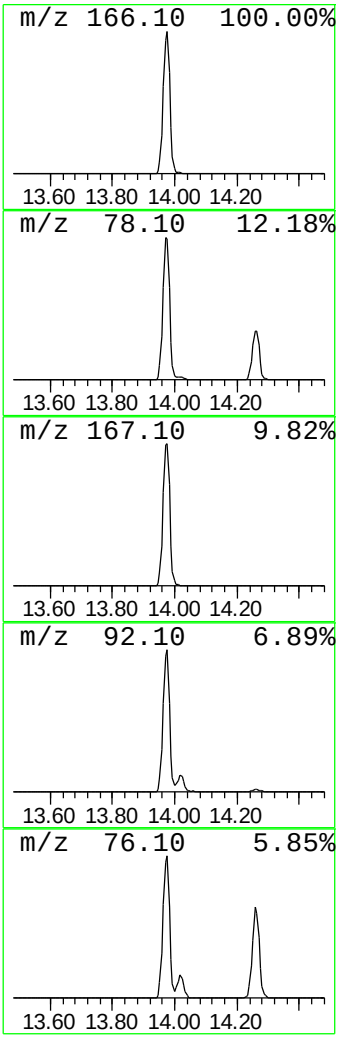
****

Peak Number 9 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	20.50 ng/ul	1164240	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
3	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
4	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
5	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38





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Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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

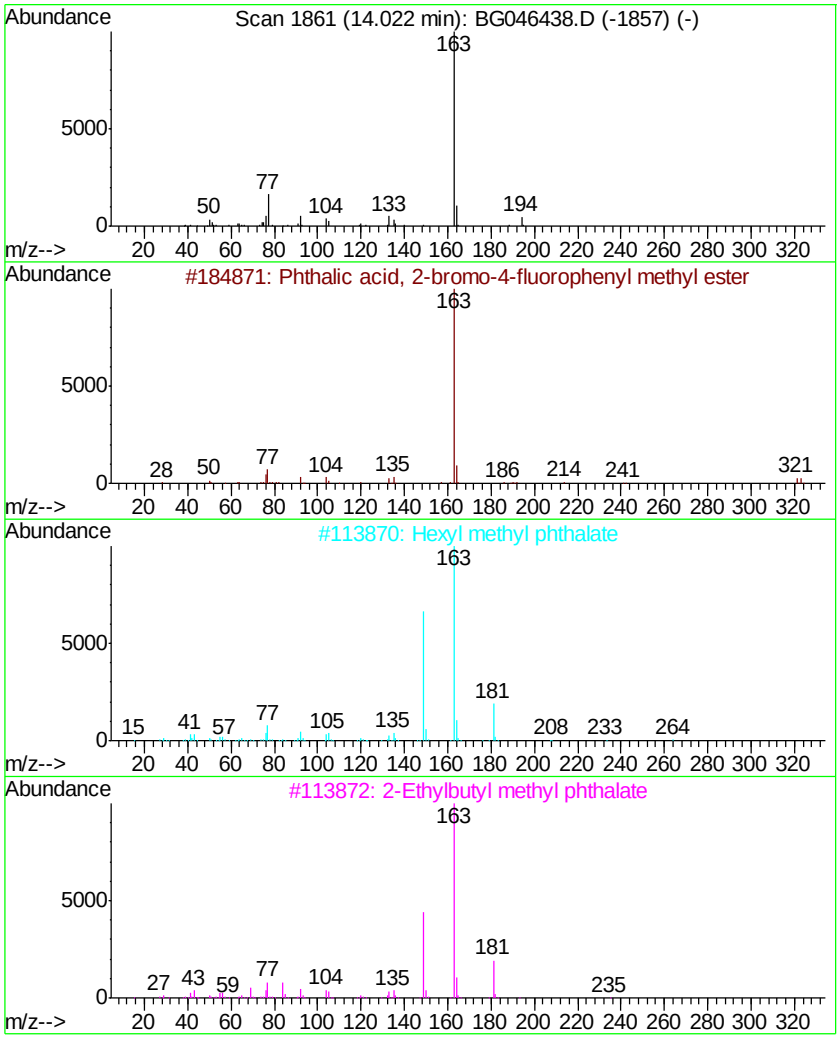
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

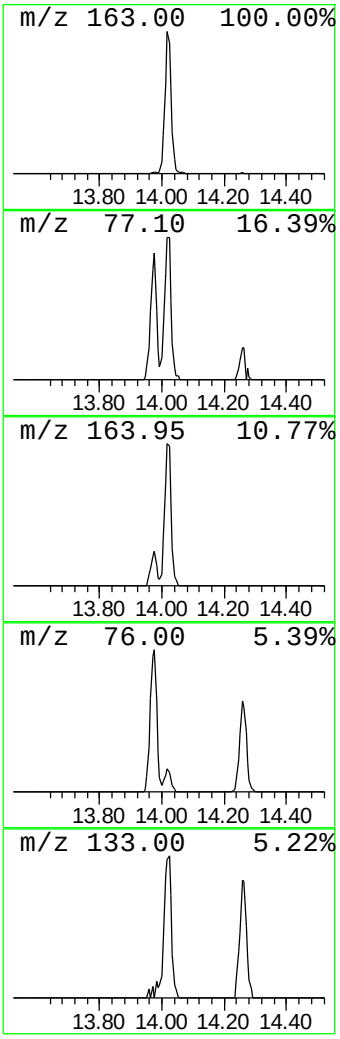
****

Peak Number 10 Phthalic acid, 2-bromo-4-fl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.63 ng/ul	149513	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	83
2	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	83
3	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	78
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	74
5	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	74





Library Search Compound Report

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Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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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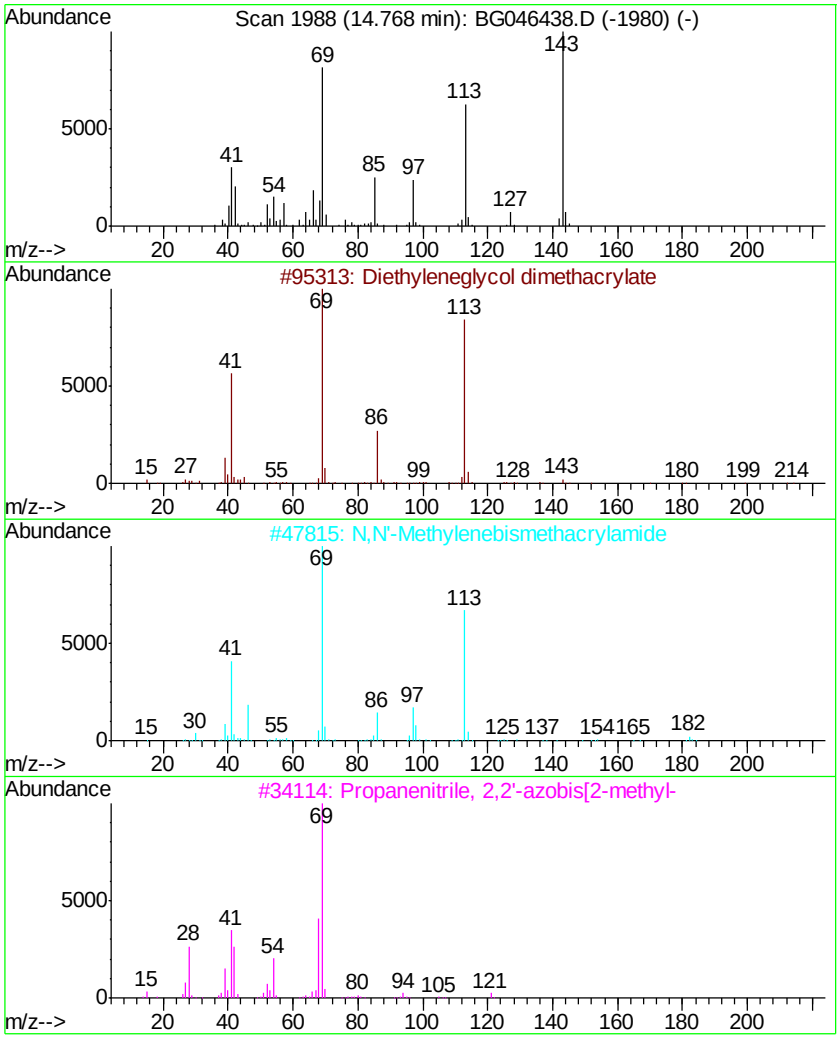
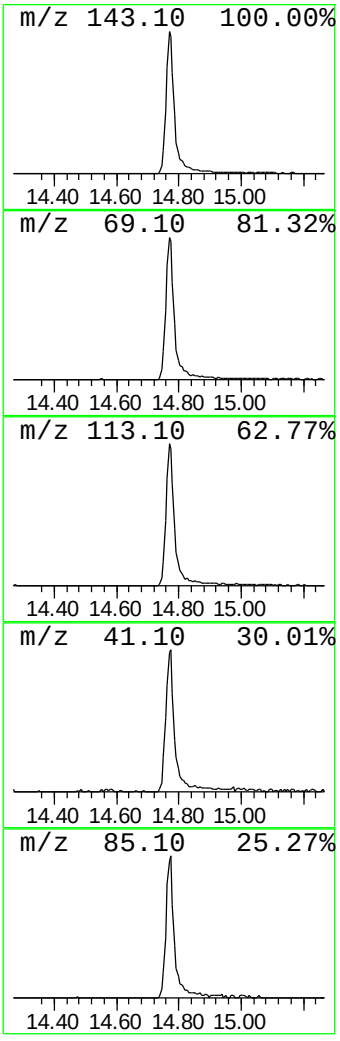
Peak Number 11 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	8.25 ng/ul	468623	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	22
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
5	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18





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Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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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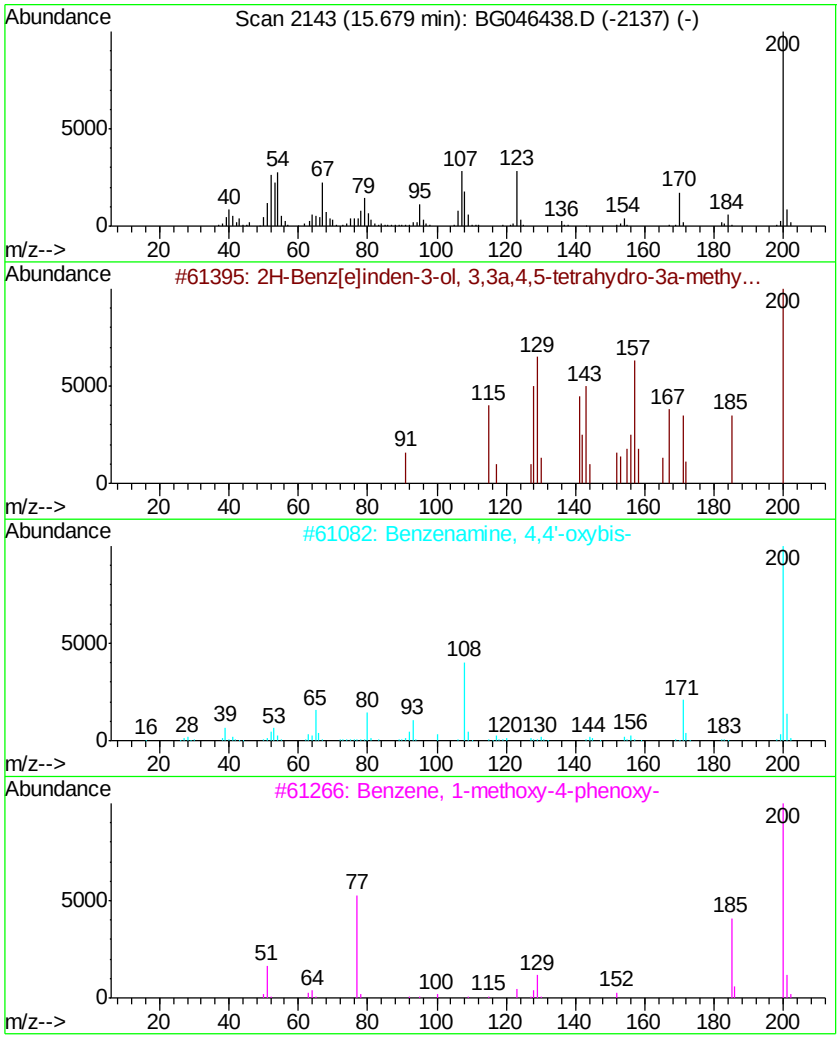
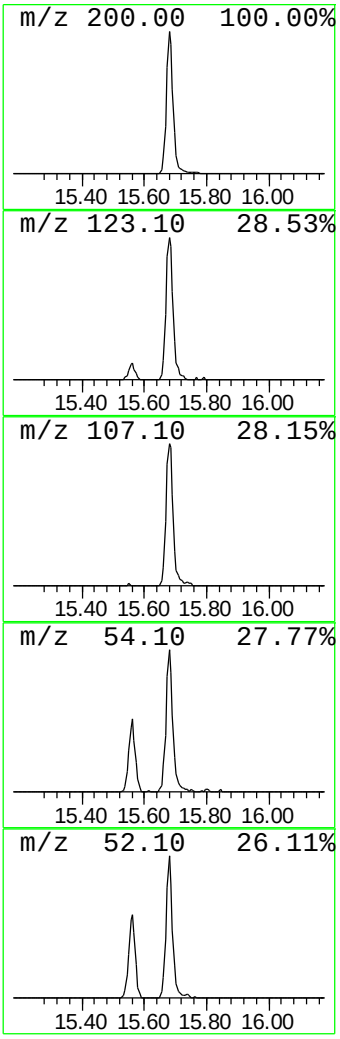
Peak Number 12 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	6.31 ng/ul	358234	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	14
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	10
4	D-Norleucine, N-neopentyloxycarb...	455	C27H53NO4	1000344-14-0	10
5	Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	9





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Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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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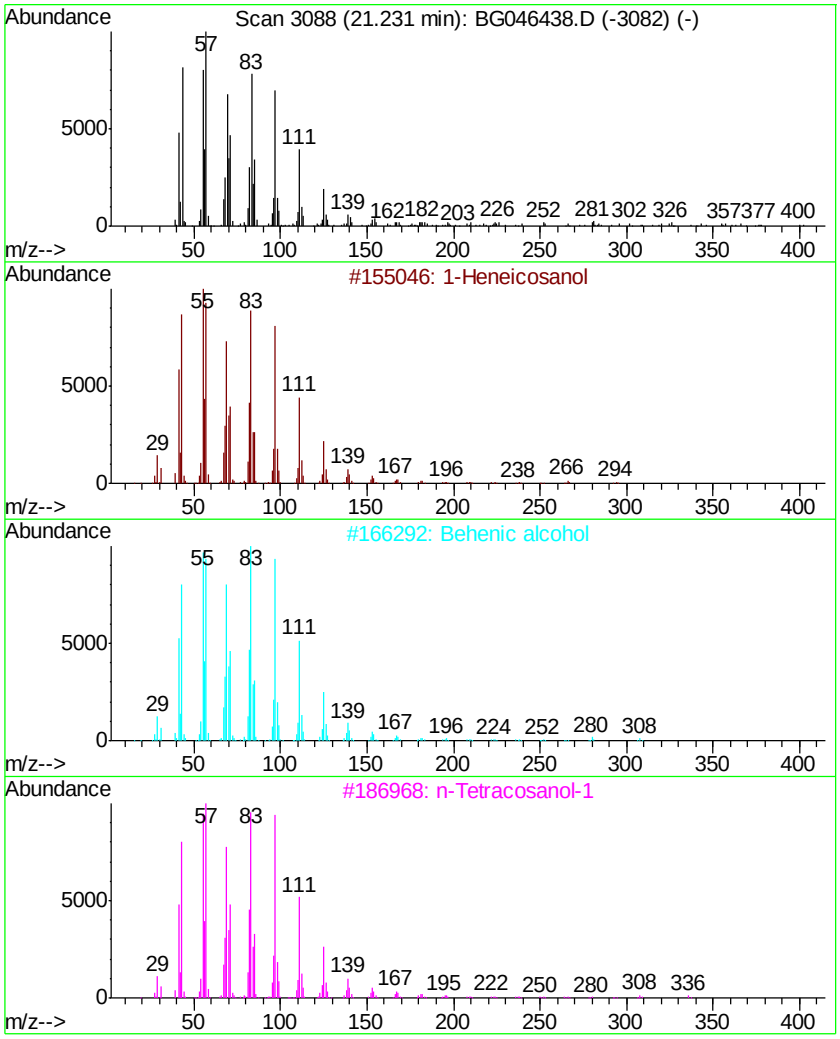
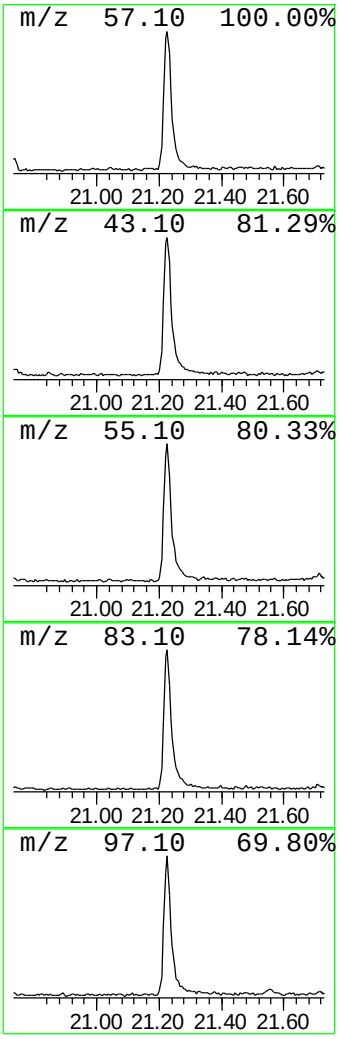
Peak Number 13 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.89 ng/ul	457634	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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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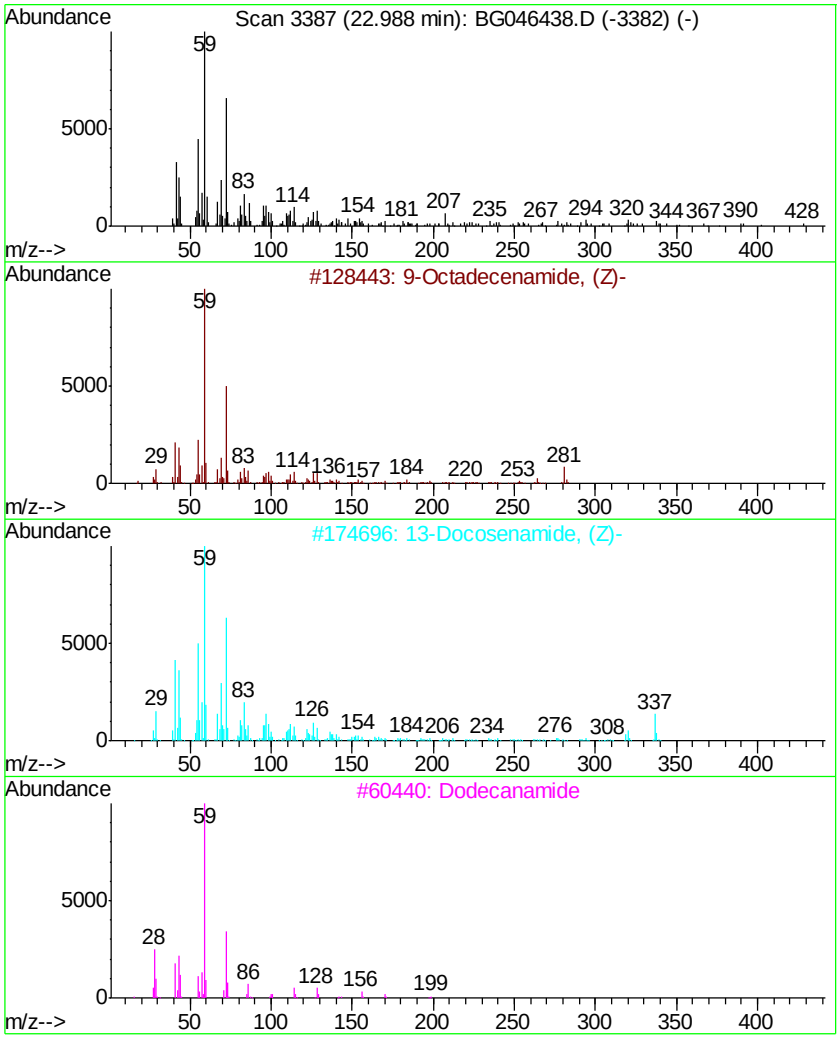
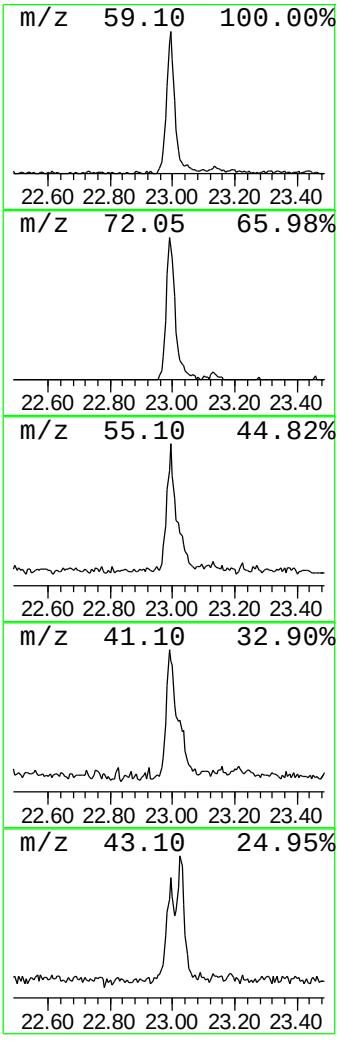
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.69 ng/ul	209387	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
3	Dodecanamide	199	C12H25NO	001120-16-7	70
4	Hexadecanamide	255	C16H33NO	000629-54-9	64
5	Tetradecanamide	227	C14H29NO	000638-58-4	59





Library Search Compound Report

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Data File : BG046438.D
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Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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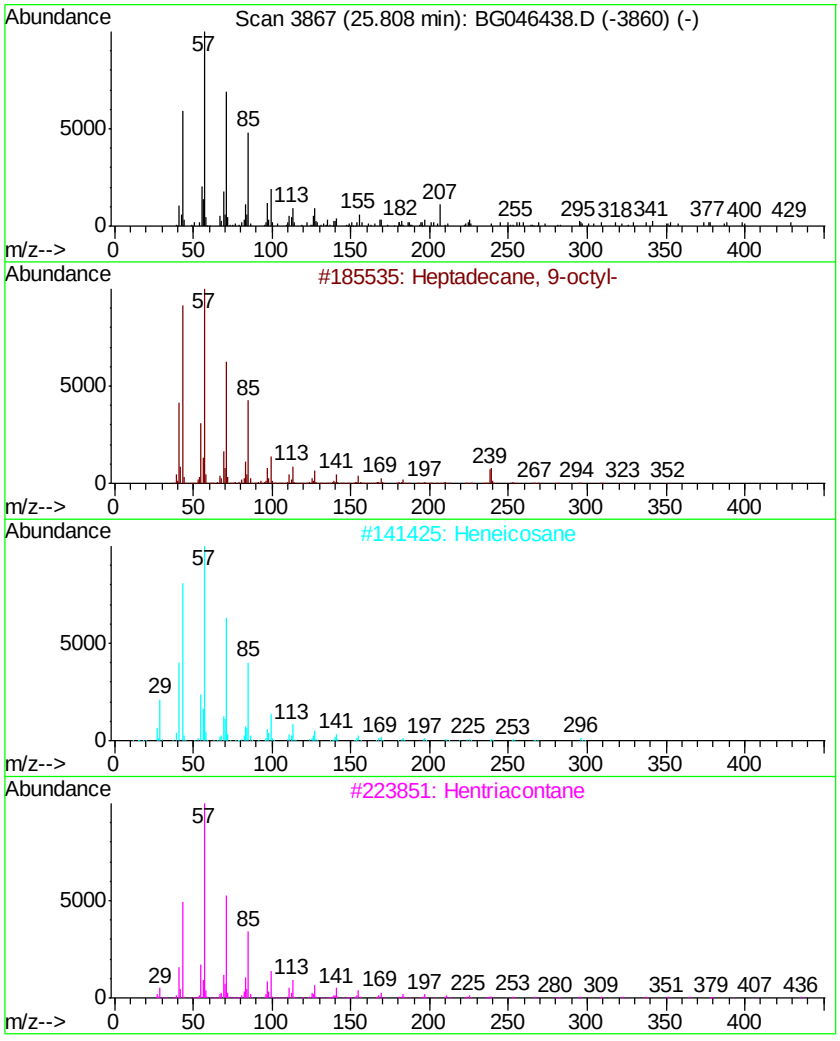
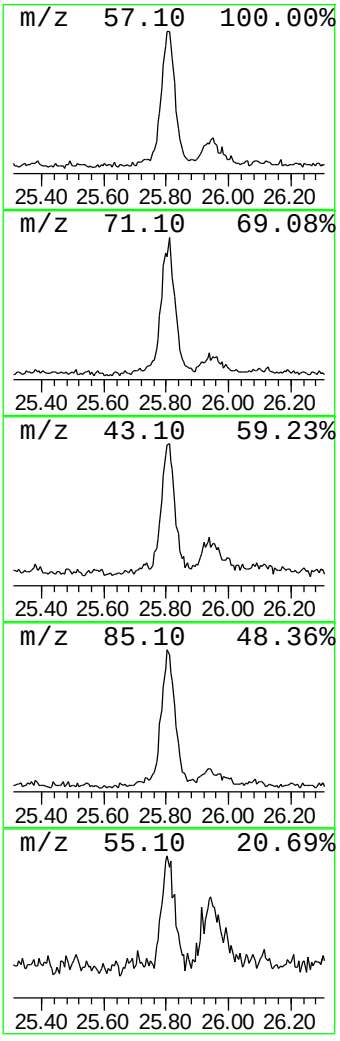
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	2.11 ng/ul	171414	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heneicosane	296	C21H44	000629-94-7	89
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	83
5	Triacontane	422	C30H62	000638-68-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046438.D
Acq On : 22 Aug 2020 8:11
Operator : CG/JU
Sample : L3649-03
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX0

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	25.4	ng/ul	640373	1	7.94	505067	20.0
4H-Imidazol-4-one...	7.11	23.0	ng/ul	581552	1	7.94	505067	20.0
unknown-01	7.27	16.9	ng/ul	426538	1	7.94	505067	20.0
unknown-02	7.48	23.1	ng/ul	581996	1	7.94	505067	20.0
unknown-03	8.65	29.5	ng/ul	744023	1	7.94	505067	20.0
1H-Imidazole, 4-m...	9.09	22.6	ng/ul	570622	1	7.94	505067	20.0
unknown-04	9.82	12.5	ng/ul	487562	2	10.74	782126	20.0
unknown-05	10.87	19.7	ng/ul	770984	2	10.74	782126	20.0
unknown-06	13.98	20.5	ng/ul	1164240	3	14.57	1135760	20.0
Phthalic acid, 2-...	14.02	2.6	ng/ul	149513	3	14.57	1135760	20.0
unknown-07	14.77	8.3	ng/ul	468623	3	14.57	1135760	20.0
unknown-08	15.68	6.3	ng/ul	358234	3	14.57	1135760	20.0
1-Heneicosanol	21.23	5.9	ng/ul	457634	5	21.56	1554370	20.0
9-Octadecenamide,...	22.99	2.7	ng/ul	209387	5	21.56	1554370	20.0
(DEL) Alkane: Str...	25.81	2.1	ng/ul	171414	6	24.67	1624470	20.0