LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.167	7	13	38	rVB	1572468	3285933	100.00%	8.336%
2	3.426	53	57	62	rBV	10276	17871	0.54%	0.045%
3	3.937	140	144	151	rVV	19055	30181	0.92%	0.077%
4	4.072	161	167	175	rVB3	18180	34359	1.05%	0.087%
5	5.071	332	337	342	rBV2	13195	20560	0.63%	0.052%
6	7.115	678	685	697	rBV	247100	450135	13.70%	1.142%
7	7.280	706	713	722	rBV	211023	353753	10.77%	0.897%
8	7.485	741	748	757	rBV	276210	466937	14.21%	1.185%
9	7.950	819	827	835	rBV	339416	586490	17.85%	1.488%
10	8.655	939	947	955	rBV	315093	535149	16.29%	1.358%
11	9.101	1013	1023	1031	rBV	240088	424796	12.93%	1.078%
12	9.824	1139	1146	1154	rBV	198961	359362	10.94%	0.912%
13	10.364	1231	1238	1248	rBV	324865	589228	17.93%	1.495%
14	10.746	1295	1303	1310	rBV	468597	847525	25.79%	2.150%
15	10.876	1318	1325	1342	rVV	194640	378496	11.52%	0.960%
16	12.403	1580	1585	1593	rVB3	8691	15455	0.47%	0.039%
17	13.896	1834	1839	1845	rVB7	10898	20415	0.62%	0.052%
18	13.978	1845	1853	1858	rBV	590950	867938	26.41%	2.202%
19	14.025	1858	1861	1867	rVV	111470	152557	4.64%	0.387%
20	14.266	1895	1902	1914	rBV	680062	1104596	33.62%	2.802%
21	14.577	1944	1955	1962	rBV	742091	1178180	35.86%	2.989%
22	14.765	1979	1987	2002	rBV	152420	326584	9.94%	0.829%
23	14.977	2018	2023	2030	rVV2	16094	31019	0.94%	0.079%
24	15.564	2116	2123	2129	rBV	916882	1371108	41.73%	3.478%
25	15.623	2129	2133	2137	rVB3	20904	30249	0.92%	0.077%
26	15.676	2137	2142	2151	rBV	201884	304681	9.27%	0.773%
27	15.805	2158	2164	2167	rBV6	11686	18651	0.57%	0.047%
28	15.917	2175	2183	2193	rVB4	15443	35637	1.08%	0.090%
29	16.064	2202	2208	2217	rVB4	11944	29740	0.91%	0.075%
30	16.299	2243	2248	2252	rBV6	14824	24000	0.73%	0.061%
31	16.469	2269	2277	2283	rVV9	22089	48132	1.46%	0.122%
32	16.728	2317	2321	2325	rBV6	12359	18787	0.57%	0.048%
33	16.857	2337	2343	2346	rBV4	11851	22975	0.70%	0.058%
34	16.898	2346	2350	2354	rVB5	11810	15712	0.48%	0.040%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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	16.968	2356	2362	2371	rVB2	34873	65955	2.01%	0.167%
36	17.045	2371	2375	2376	rBV3	16017	16207	0.49%	0.041%
37	17.133	2386	2390	2399	rVB	21809	40001	1.22%	0.101%
38	17.221	2401	2405	2411	rBV3	33406	48059	1.46%	0.122%
39	17.315	2411	2421	2425	rBV	908776	1403544	42.71%	3.561%
40	17.356	2425	2428	2433	rVV	415870	603139	18.36%	1.530%
41	17.415	2433	2438	2448	rVV	945006	1430692	43.54%	3.630%
42	17.503	2449	2453	2461	rVB5	20048	34562	1.05%	0.088%
43	17.632	2472	2475	2480	rVB5	17893	20978	0.64%	0.053%
44	17.715	2480	2489	2493	rBV2	29567	70906	2.16%	0.180%
45	17.838	2506	2510	2515	rVB2	20812	28568	0.87%	0.072%
46	17.897	2516	2520	2526	rVB4	21167	33714	1.03%	0.086%
47	18.108	2550	2556	2560	rBV6	16991	30253	0.92%	0.077%
48	18.155	2560	2564	2566	rBV4	27384	34975	1.06%	0.089%
49	18.220	2571	2575	2584	rVV2	291242	634303	19.30%	1.609%
50	18.285	2584	2586	2589	rVV	33452	43408	1.32%	0.110%
51	18.320	2589	2592	2596	rVV2	32569	53296	1.62%	0.135%
52	18.384	2596	2603	2607	rVV2	122410	234959	7.15%	0.596%
53	18.426	2607	2610	2615	rVB	71245	94516	2.88%	0.240%
54	18.520	2621	2626	2634	rBV8	21557	57205	1.74%	0.145%
55	18.690	2650	2655	2658	rBV	82143	116125	3.53%	0.295%
56	18.725	2658	2661	2668	rVB	88215	120824	3.68%	0.307%
57	18.937	2693	2697	2701	rVB2	32128	38642	1.18%	0.098%
58	18.990	2702	2706	2709	rBV	26973	29625	0.90%	0.075%
59	19.025	2709	2712	2716	rVB2	28119	40020	1.22%	0.102%
60	19.107	2716	2726	2730	rBV2	91688	181409	5.52%	0.460%
61	19.154	2730	2734	2739	rBV5	28673	63491	1.93%	0.161%
62	19.242	2745	2749	2757	rBV2	71940	112323	3.42%	0.285%
63	19.366	2765	2770	2777	rVB	937783	1283105	39.05%	3.255%
64	19.430	2778	2781	2784	rBV2	19818	19395	0.59%	0.049%
65	19.489	2784	2791	2793	rBV5	49169	89657	2.73%	0.227%
66	19.518	2793	2796	2799	rVB	45535	53433	1.63%	0.136%
67	19.560	2800	2803	2806	rBV3	26275	31916	0.97%	0.081%
68	19.701	2821	2827	2830	rBV	1244797	2024788	61.62%	5.137%
69	19.730	2830	2832	2839	rVB	831900	962259	29.28%	2.441%
70	19.800	2841	2844	2849	rVB2	41068	57620	1.75%	0.146%
71	19.906	2858	2862	2868	rBV	47125	73179	2.23%	0.186%

LSC Area Percent Report

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Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

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

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

72	19.965	2868	2872	2877	rVB	52589	86124	2.62%	0.218%
73	20.047	2881	2886	2893	rBV2	87228	232792	7.08%	0.591%
74	20.188	2906	2910	2911	rBV4	63241	76846	2.34%	0.195%
75	20.218	2911	2915	2919	rVB	137347	202111	6.15%	0.513%
76	20.323	2929	2933	2936	rBV	48572	67442	2.05%	0.171%
77	20.376	2937	2942	2947	rVV2	118138	180178	5.48%	0.457%
78	20.517	2962	2966	2970	rBV	64759	91511	2.78%	0.232%
79	20.564	2970	2974	2978	rVB	73224	113218	3.45%	0.287%
80	20.970	3039	3043	3050	rVB	128466	198845	6.05%	0.504%
81	21.152	3068	3074	3078	rBV2	68925	154265	4.69%	0.391%
82	21.199	3078	3082	3084	rVV	84952	126009	3.83%	0.320%
83	21.228	3084	3087	3094	rVV3	495120	796465	24.24%	2.021%
84	21.293	3095	3098	3107	rVB	117046	199535	6.07%	0.506%
85	21.469	3125	3128	3132	rBV	163533	207381	6.31%	0.526%
86	21.563	3136	3144	3149	rVV2	1084662	2339608	71.20%	5.936%
87	21.610	3149	3152	3160	rVB	417859	642574	19.56%	1.630%
88	22.380	3274	3283	3290	rBV5	165343	455969	13.88%	1.157%
89	23.044	3393	3396	3401	rVB3	66070	101924	3.10%	0.259%
90	23.373	3449	3452	3461	rVB3	112060	202996	6.18%	0.515%
91	23.696	3499	3507	3514	rBV	316648	1043492	31.76%	2.647%
92	23.825	3523	3529	3533	rBV	367358	764101	23.25%	1.938%
93	23.872	3533	3537	3546	rVB2	396818	801678	24.40%	2.034%
94	24.389	3618	3625	3630	rBV	167764	437463	13.31%	1.110%
95	24.460	3630	3637	3644	rVV	583217	1580535	48.10%	4.010%
96	24.524	3644	3648	3658	rVB	265846	638871	19.44%	1.621%
97	24.671	3665	3673	3681	rBV2	555386	1500301	45.66%	3.806%
98	25.829	3863	3870	3880	rVB2	280836	788584	24.00%	2.001%
99	25.940	3883	3889	3911	rVB5	157010	607102	18.48%	1.540%
100	28.185	4264	4271	4289	rVB3	114948	505011	15.37%	1.281%

Sum of corrected areas: 39417173

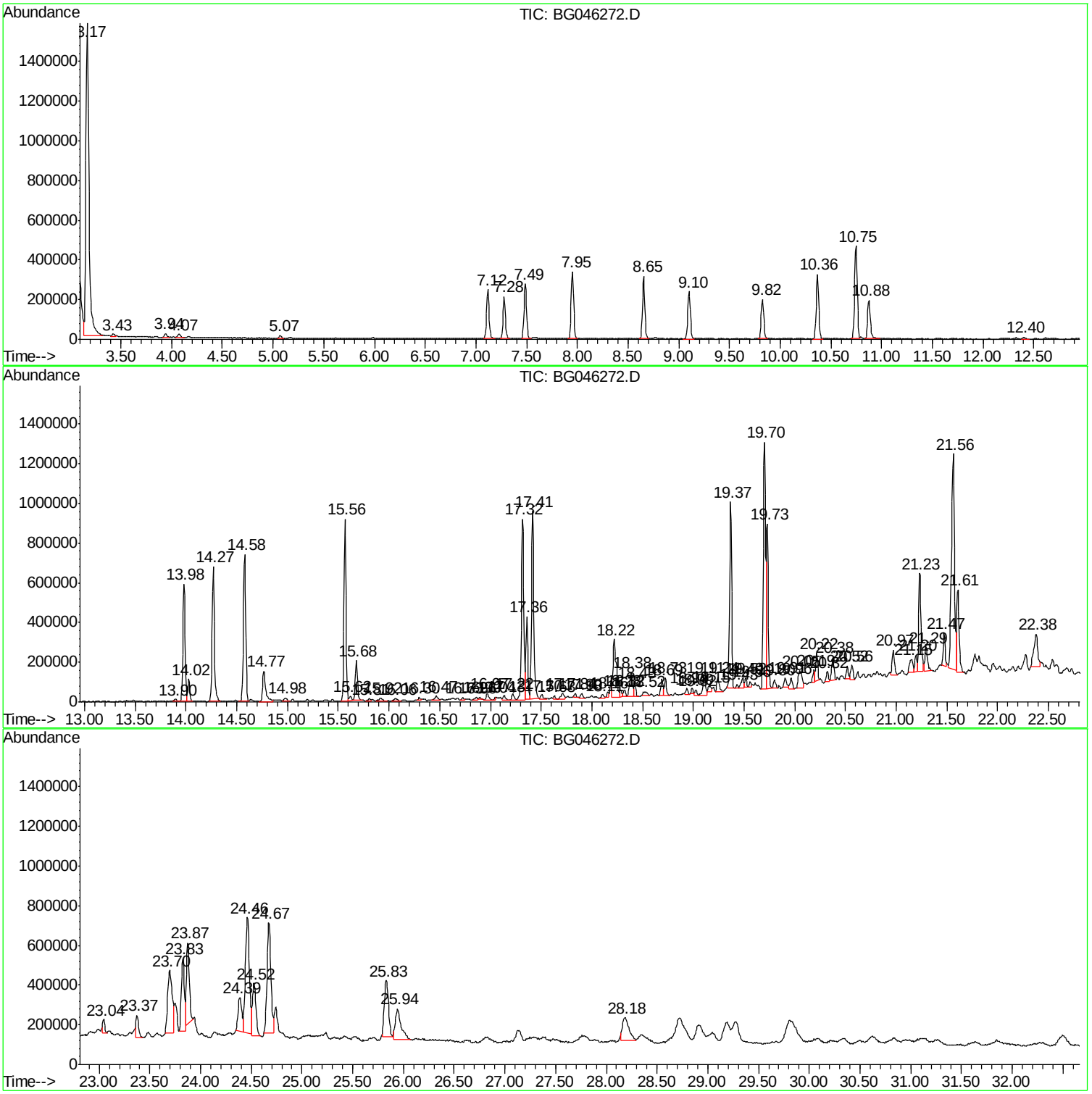
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

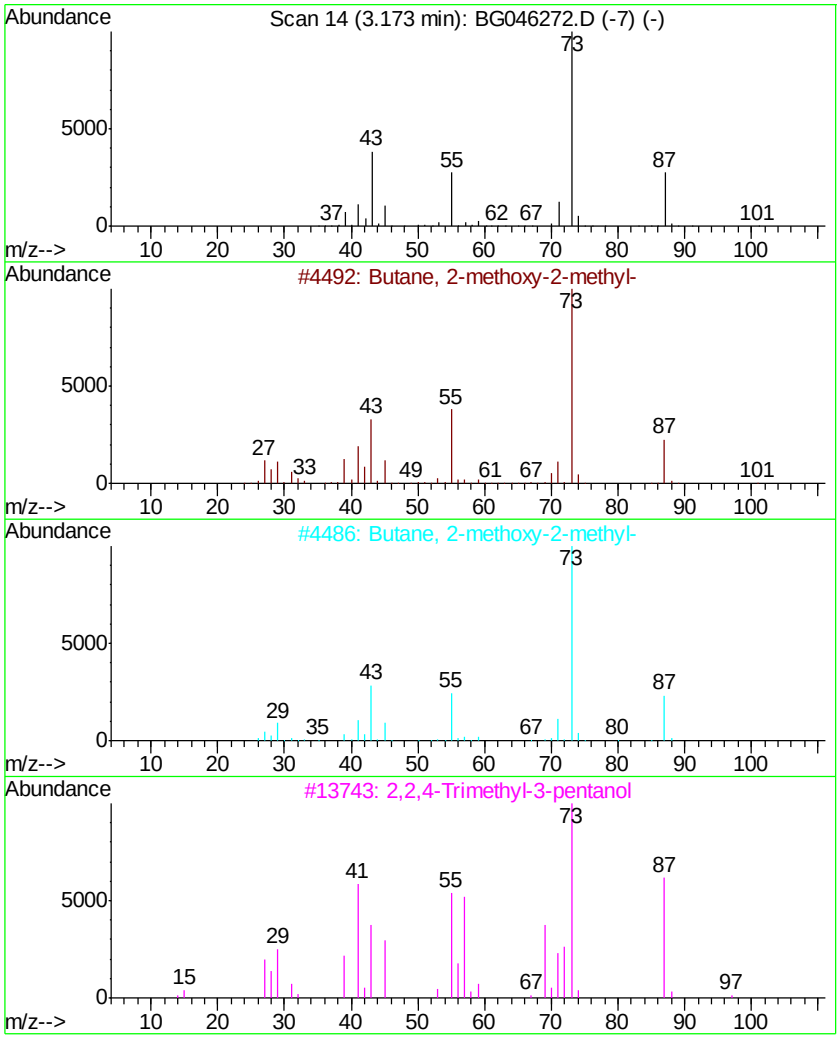
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

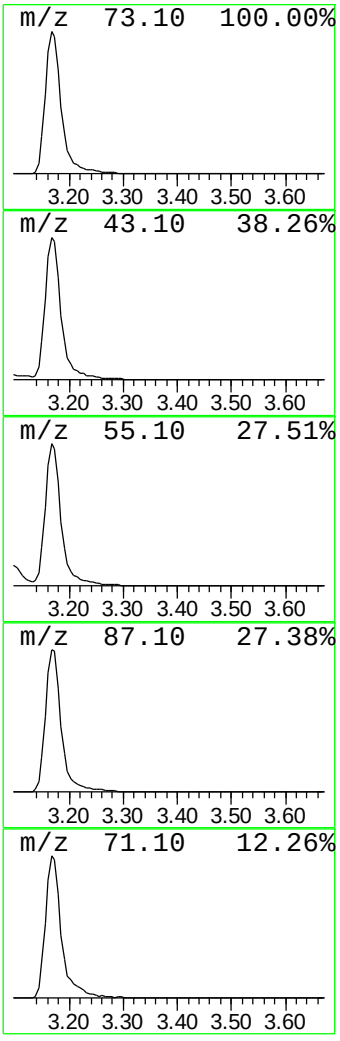
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	112.05 ng/ul	3285930	1,4-Dichlorobenzene-d4	7.95

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

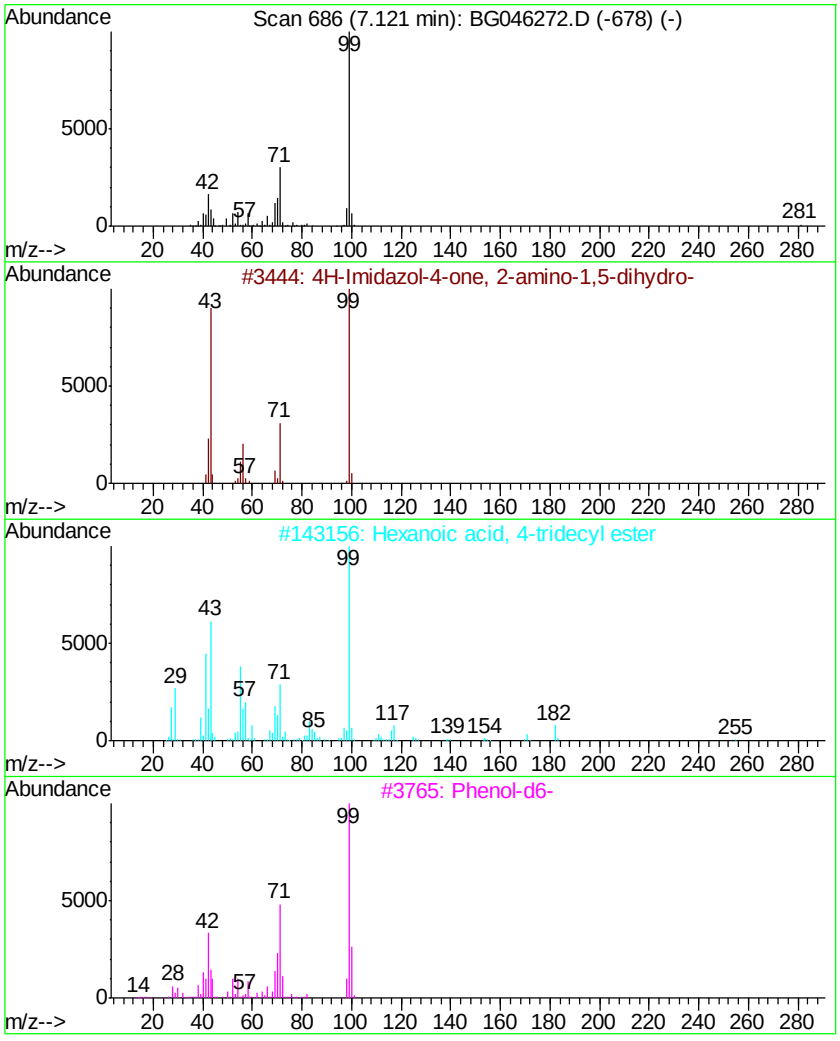
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

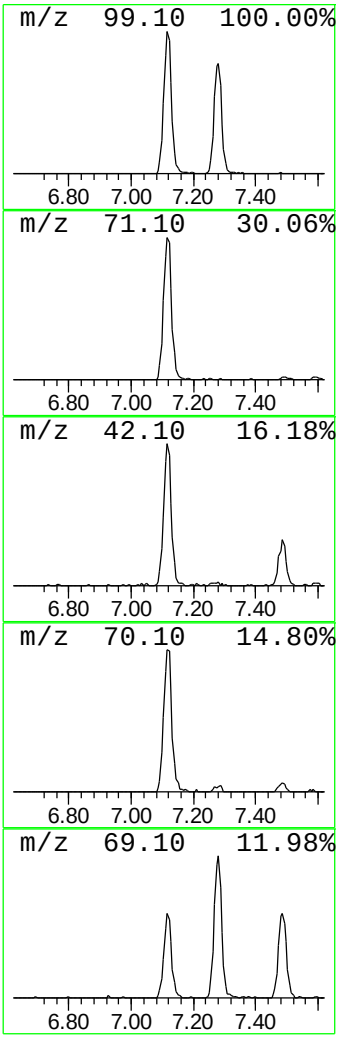
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	15.35 ng/ul	450135	1,4-Dichlorobenzene-d4	7.95

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, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
3	Phenol-d6-	100	C6D6O	013127-88-3	64
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
5	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

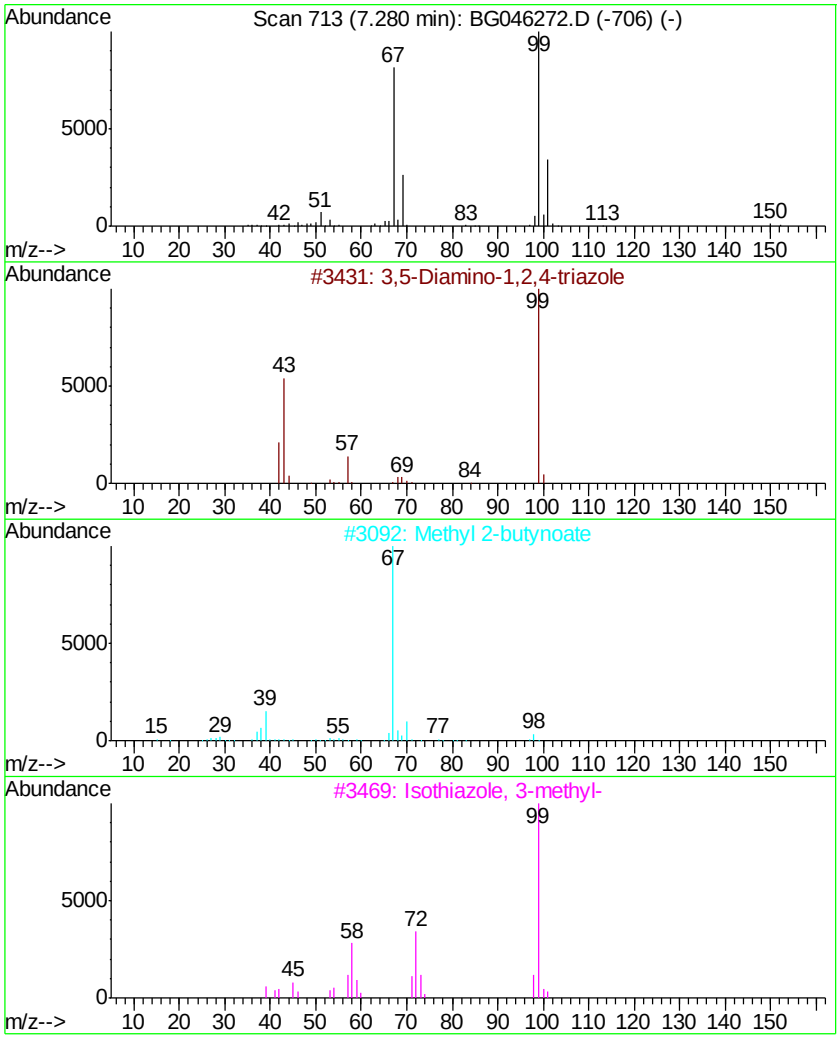
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

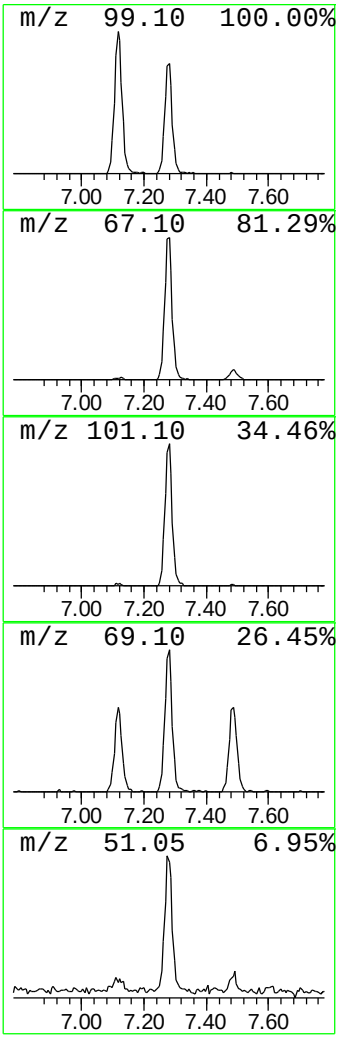
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	12.06 ng/ul	353753	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
2	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
3	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
4	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
5	Acetamide, N-2-thienyl-	141	C6H7NOS	013053-81-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

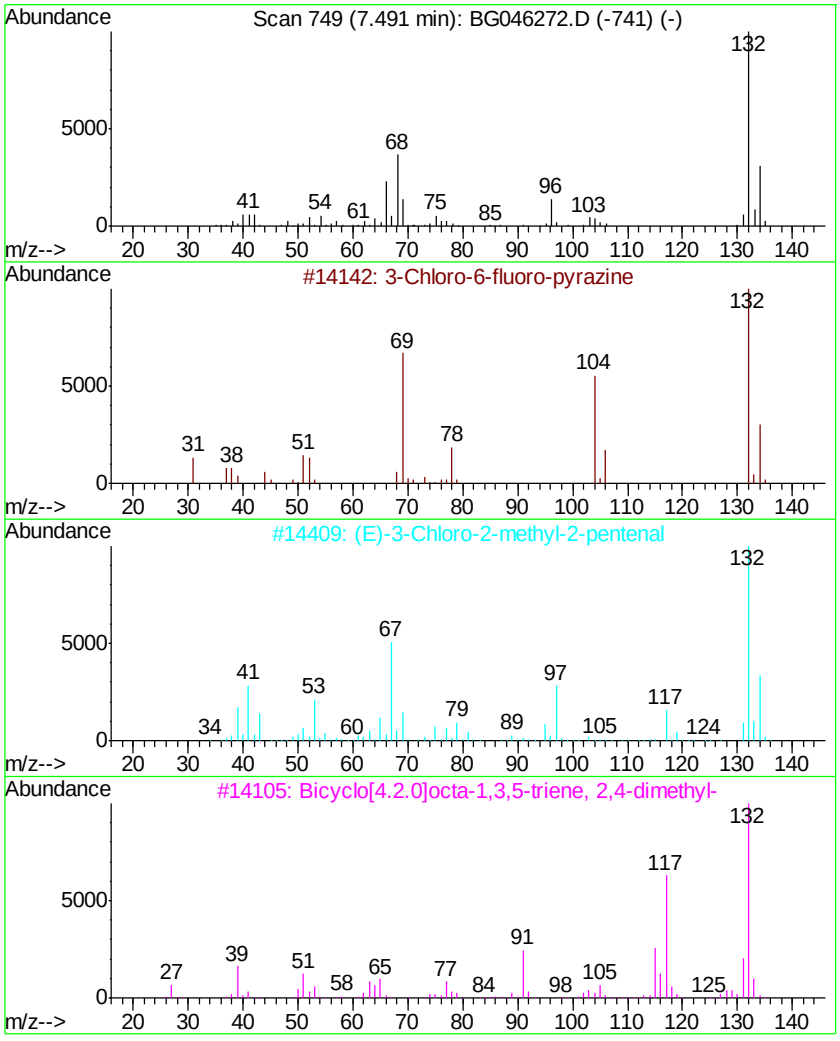
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

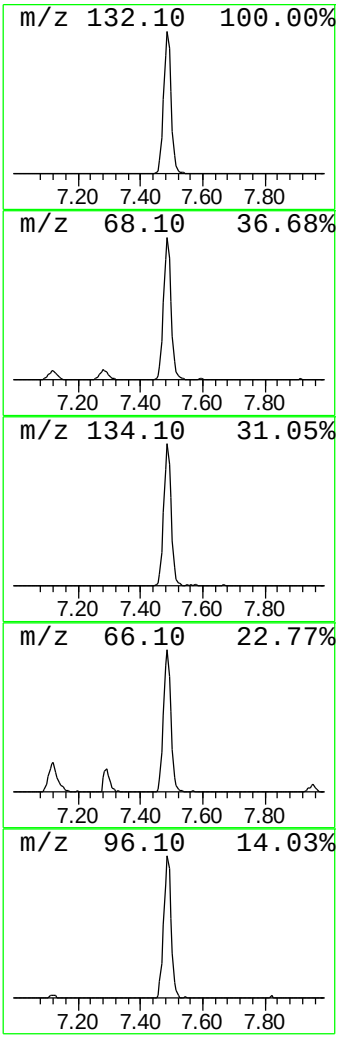
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	15.92 ng/ul	466937	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

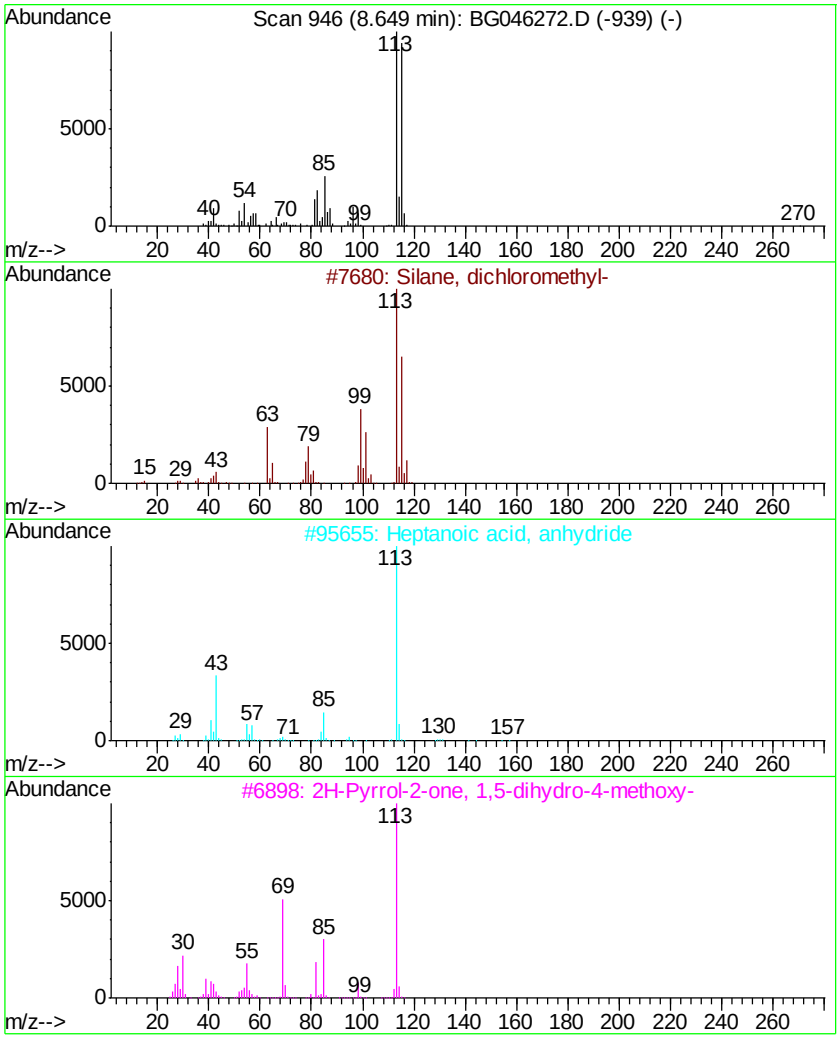
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

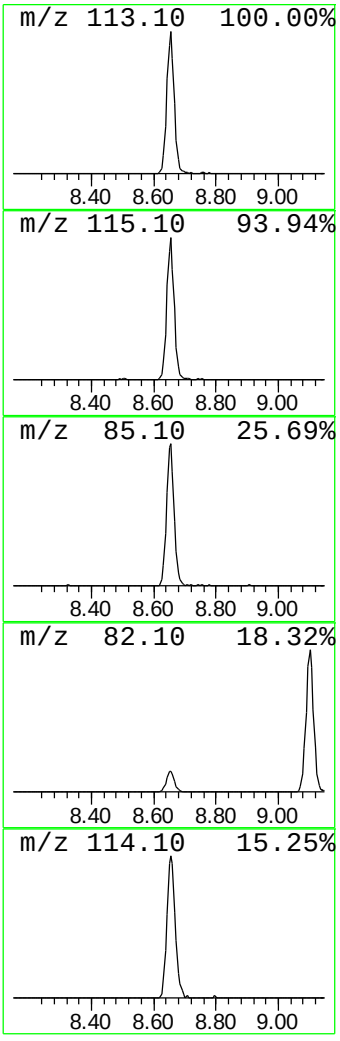
****

Peak Number 5 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	18.25 ng/ul	535149	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	27
5	2,2-Dimethylcyclopropanecarboxamide	113	C6H11NO	075885-58-4	27





Library Search Compound Report

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Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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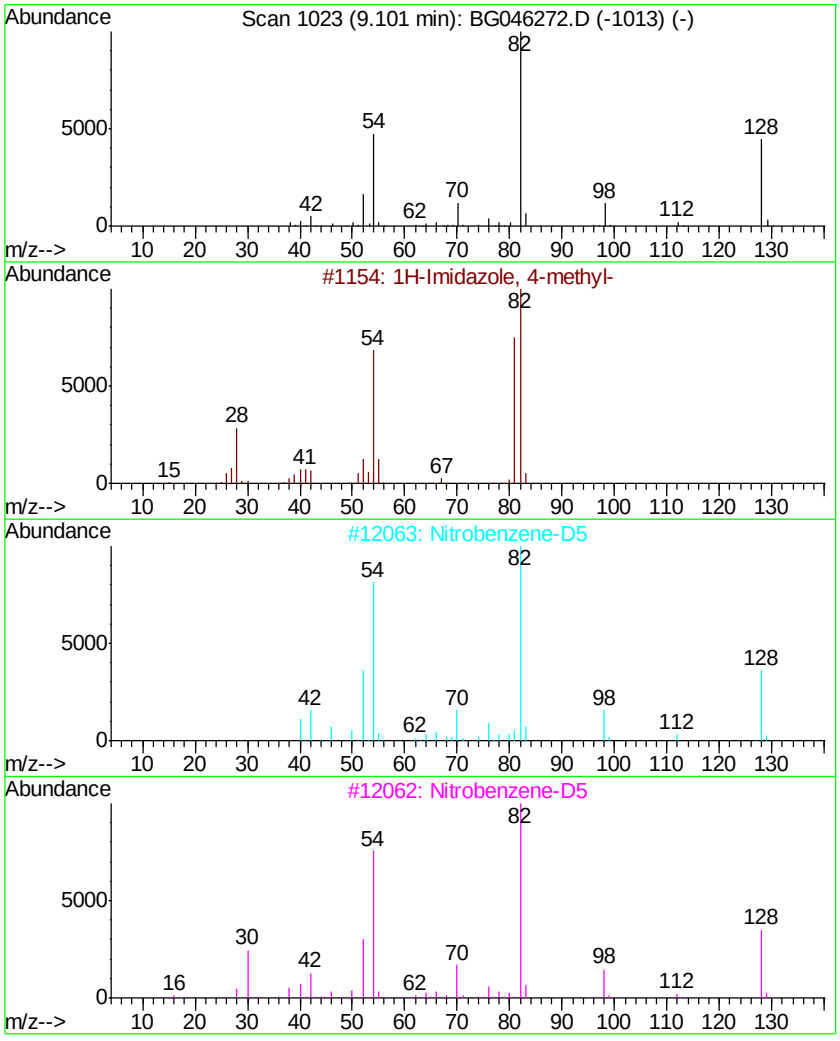
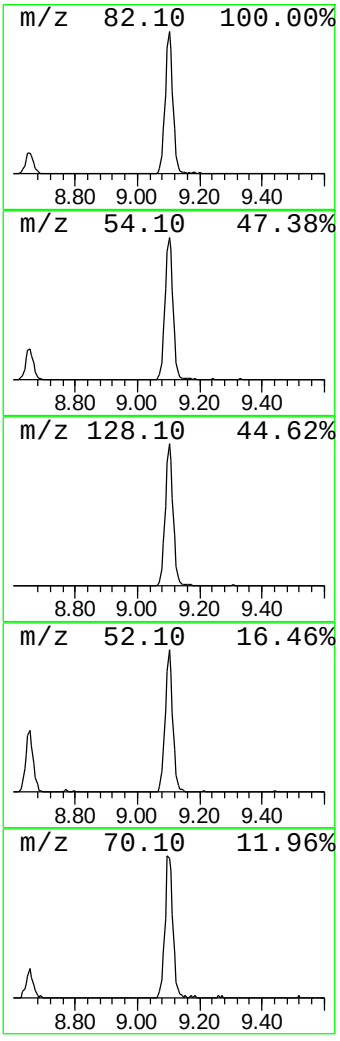
Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	14.49 ng/ul	424796	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	43
3	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	9
5	Dehydromevalonic lactone	112	C6H8O2	002381-87-5	9





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Sample : L3629-06
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Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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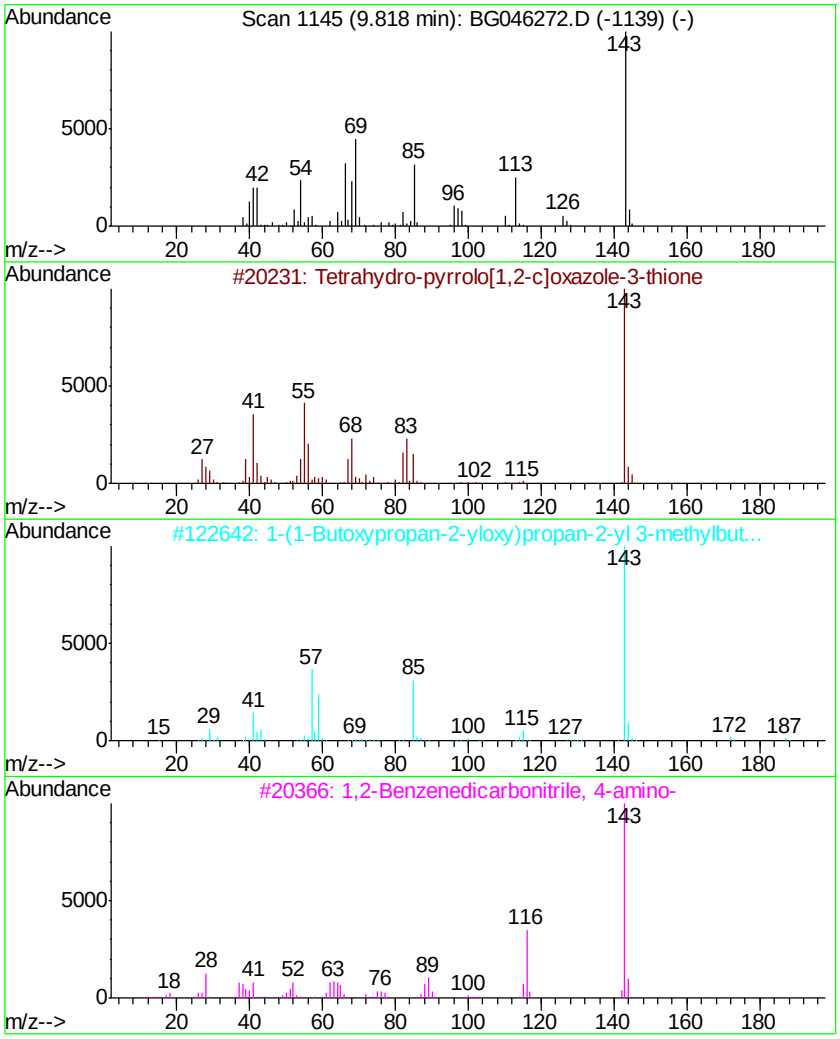
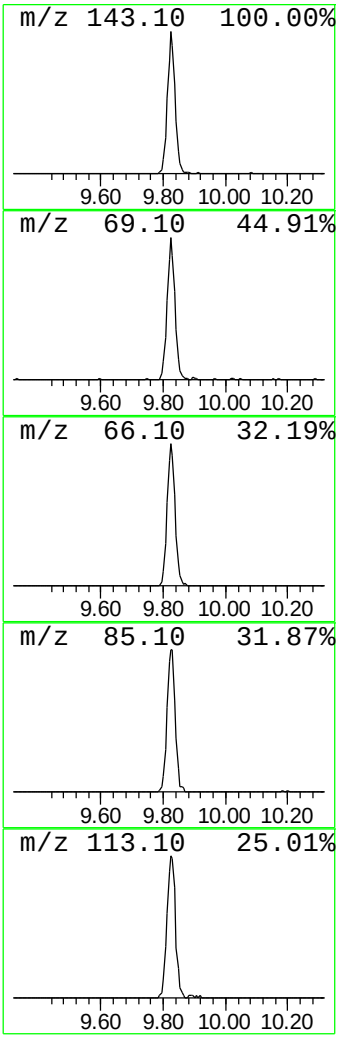
Peak Number 7 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	8.48 ng/ul	359362	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	35
2	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
3	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
4	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
5	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12





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Acq On : 14 Aug 2020 11:09
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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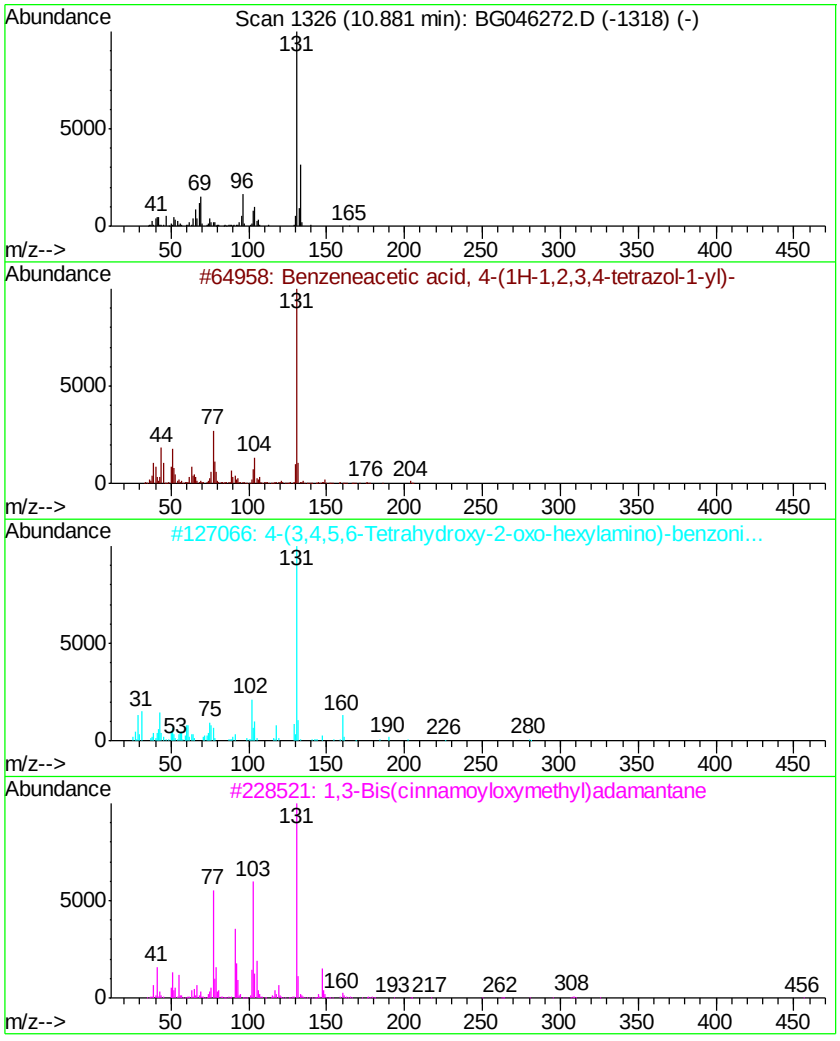
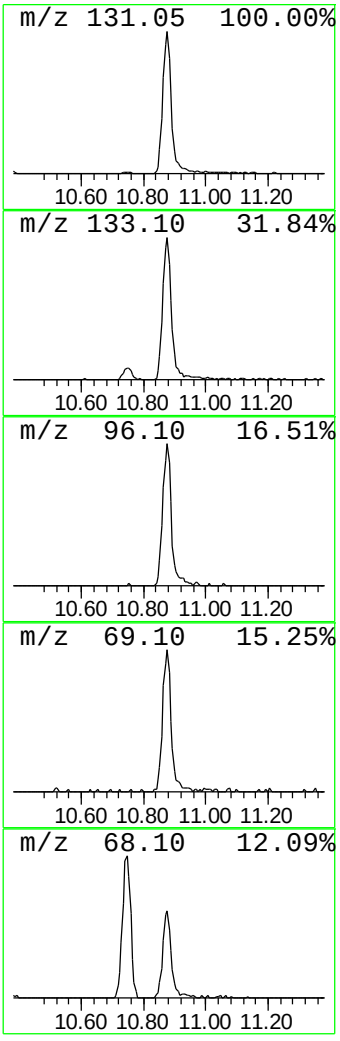
Peak Number 8 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	8.93 ng/ul	378496	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	4-(3,4,5,6-Tetrahydroxy-2-oxo-he...	280	C13H16N2O5	1000189-82-8	33
3	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	28
4	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	25
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





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Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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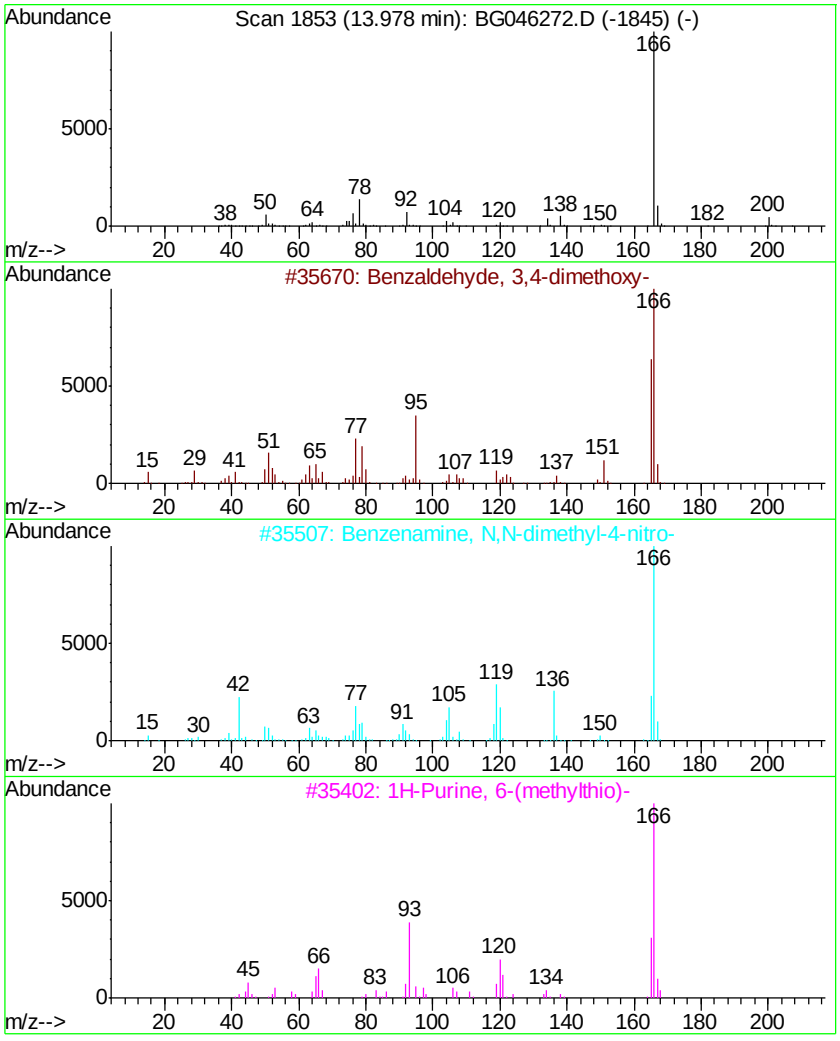
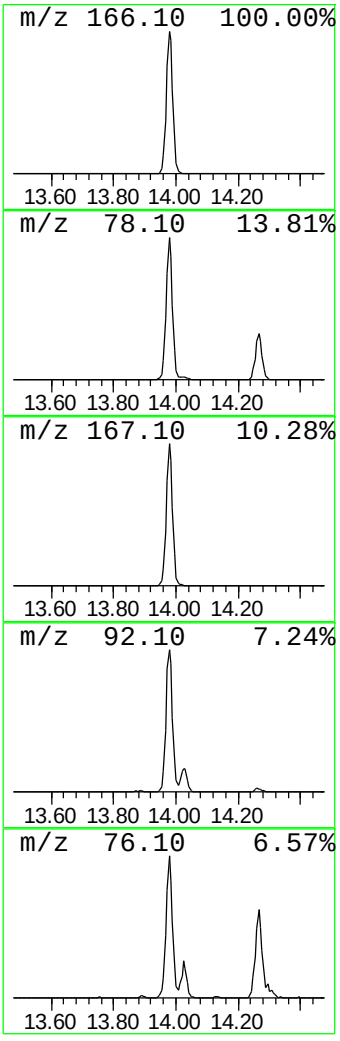
Peak Number 9 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	14.73 ng/ul	867938	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
3	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
4	1H-Benzimidazole, 5-chloro-2-met...	166	C8H7ClN2	002818-69-1	9
5	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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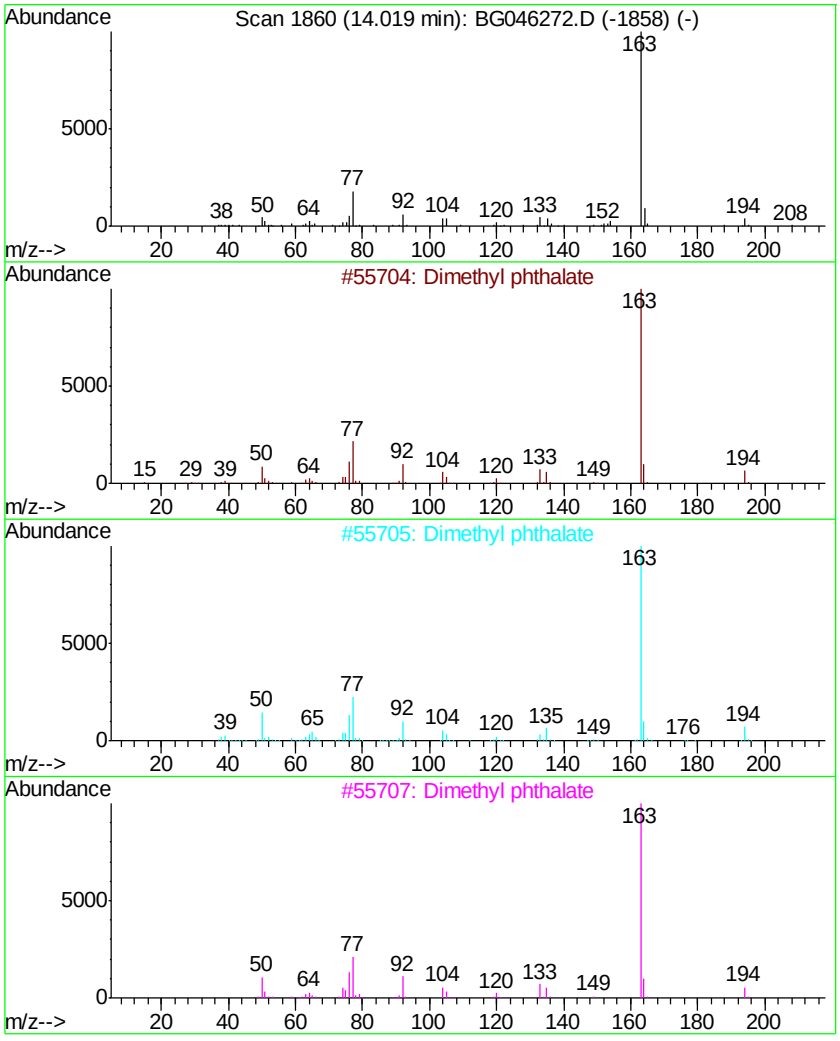
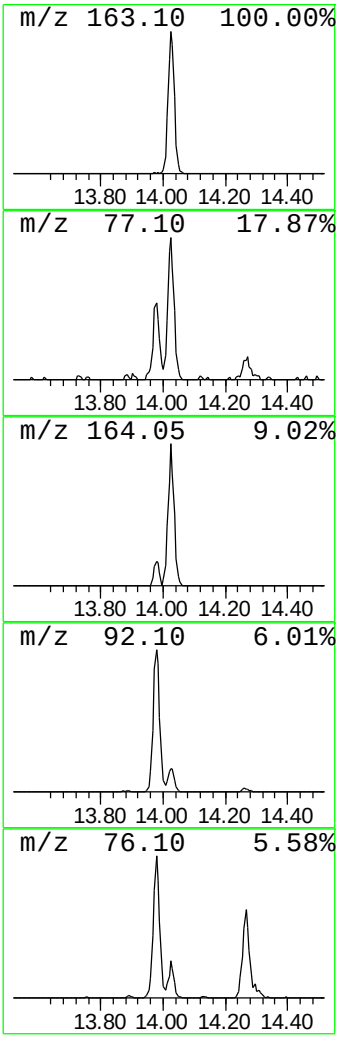
Peak Number 10 Dimethyl phthalate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.59 ng/ul	152557	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	92
2	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
4	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	83
5	Phthalic acid, 2-bromo-4-fluorop...	352	C15H10BrFO4	1000315-62-3	78





Library Search Compound Report

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Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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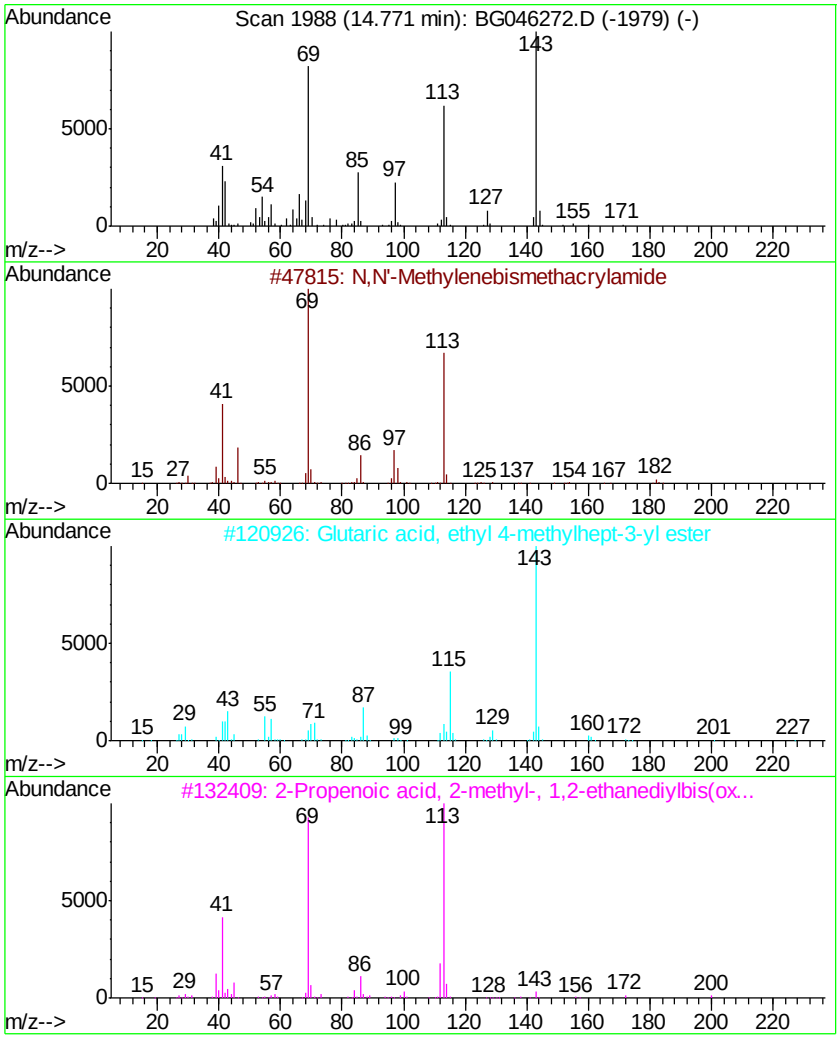
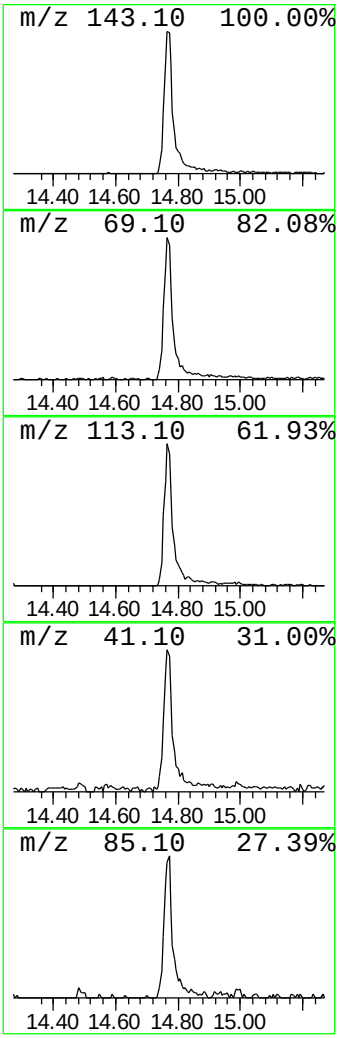
Peak Number 11 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.54 ng/ul	326584	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	32
2	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	22
3	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	16
4	Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	14
5	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	12





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Sample : L3629-06
Misc :
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Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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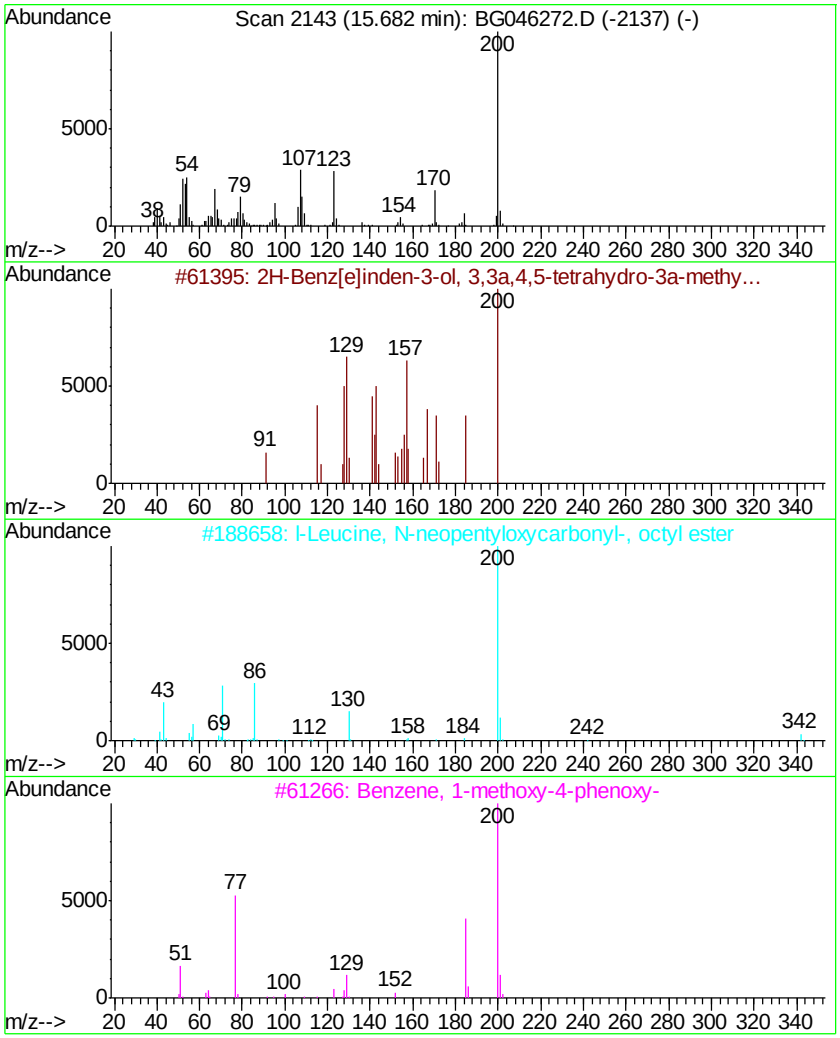
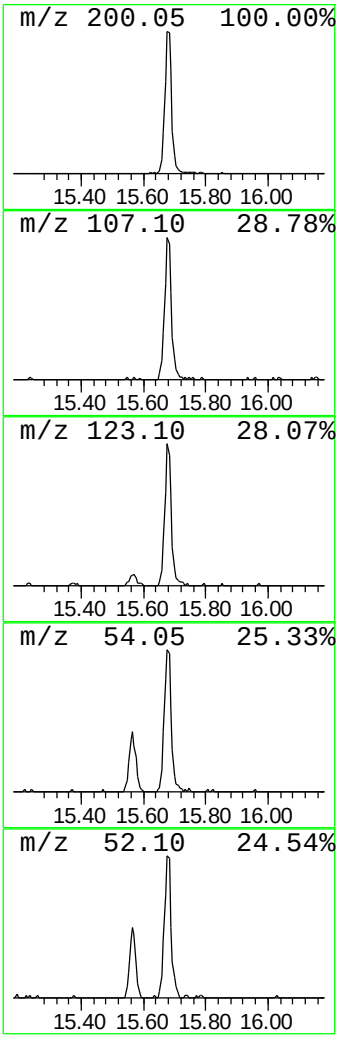
Peak Number 12 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.17 ng/ul	304681	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	43
2	l-Leucine, N-neopentyloxycarbony...	357	C20H39NO4	1000328-02-5	14
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
4	2-Aminocaprylic acid, N-propoxyc...	329	C18H35NO4	1000325-42-2	14
5	2-Aminocaprylic acid, N-propoxyc...	441	C26H51NO4	1000325-43-0	10





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Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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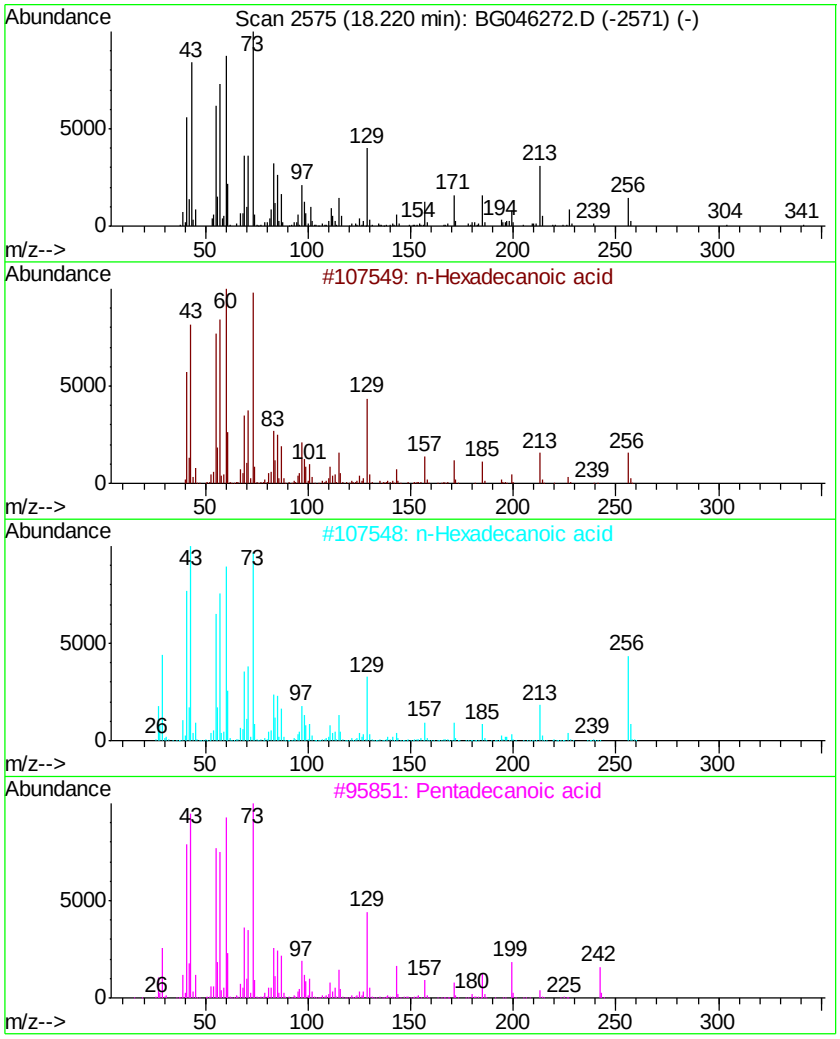
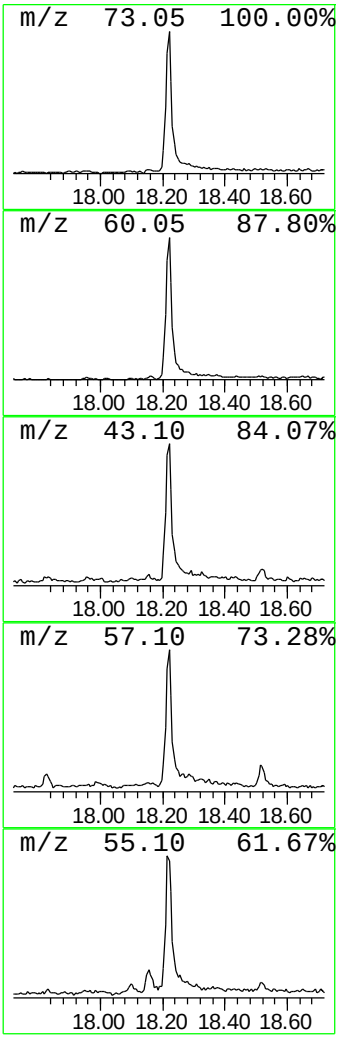
Peak Number 13 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	9.04 ng/ul	634303	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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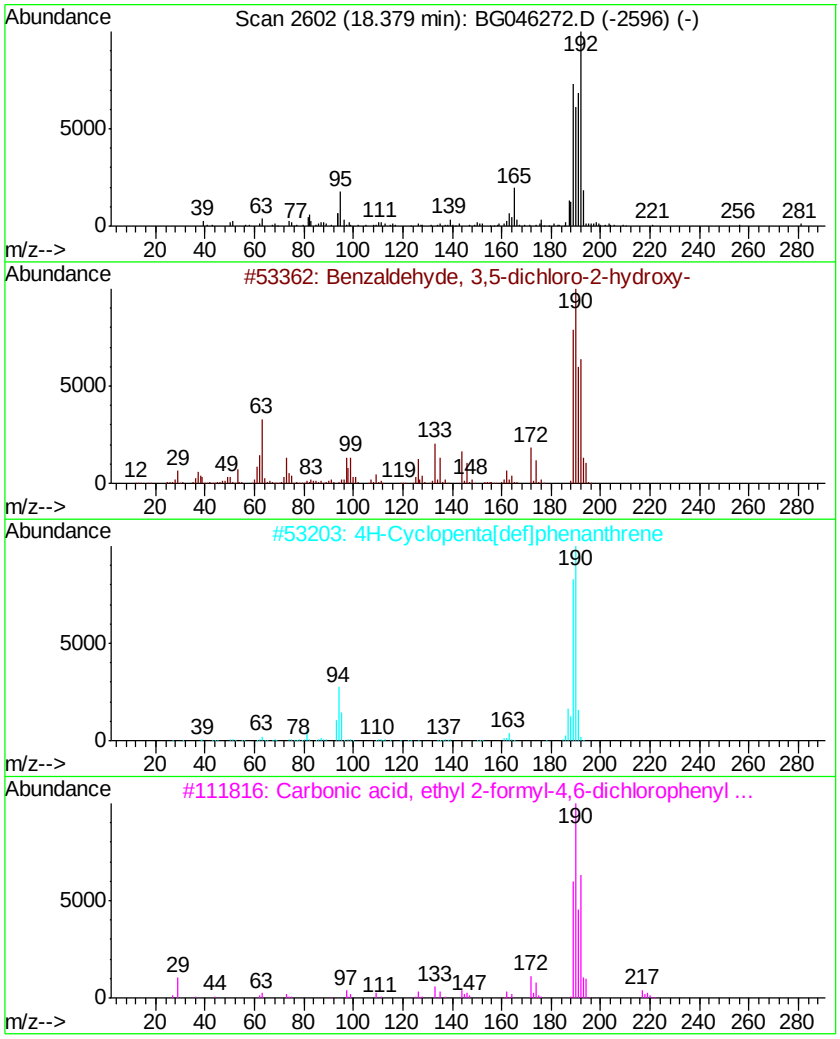
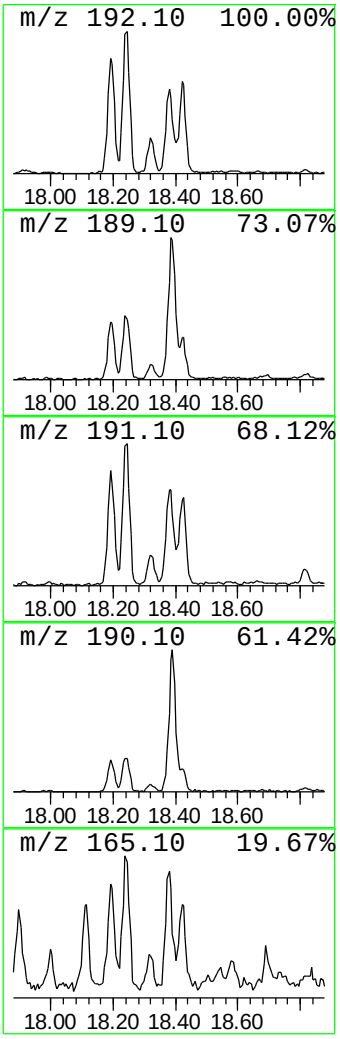
Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.35 ng/ul	234959	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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Quant Title : SVOA CALIBRATION

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

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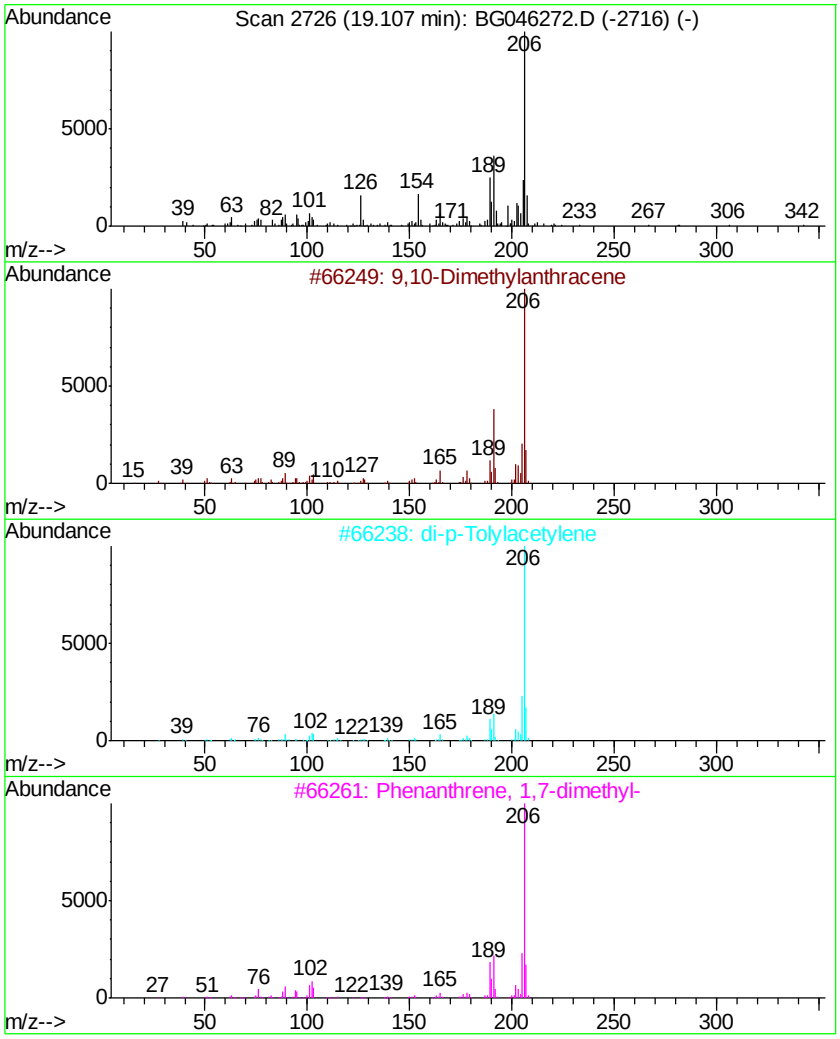
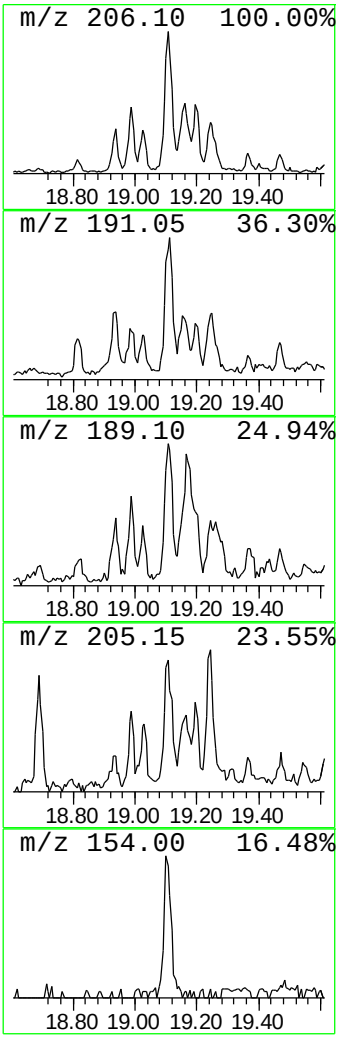
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.59 ng/ul	181409	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





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Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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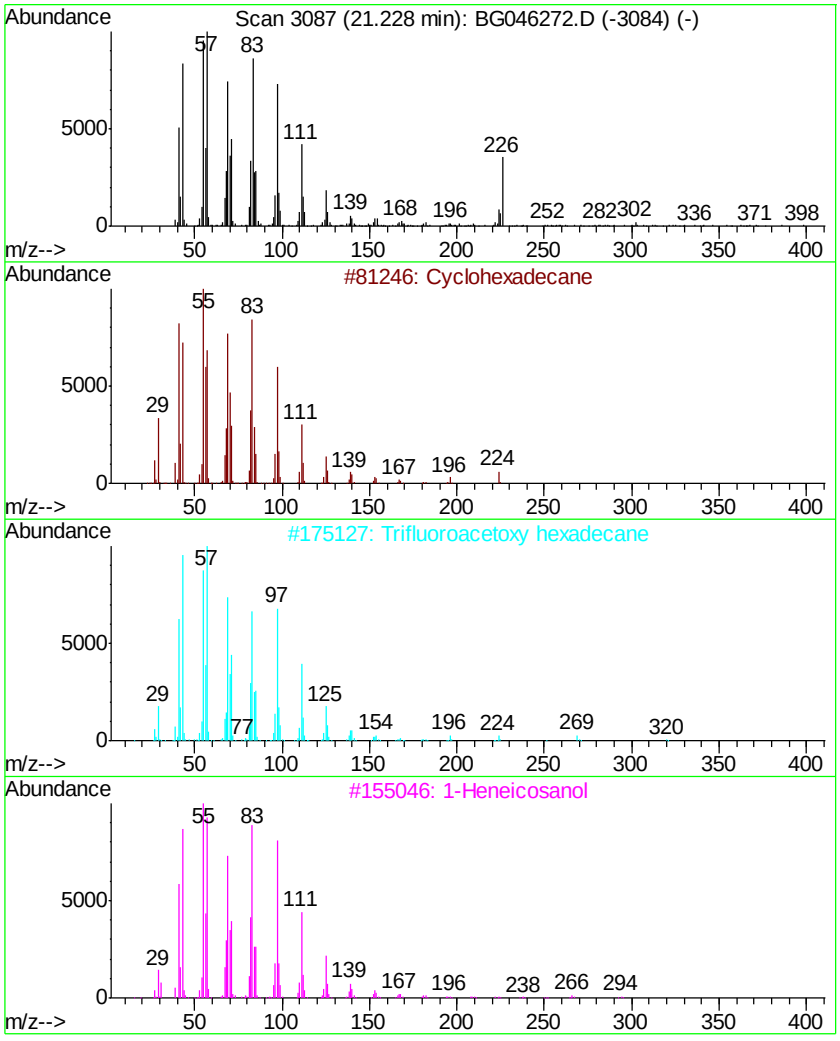
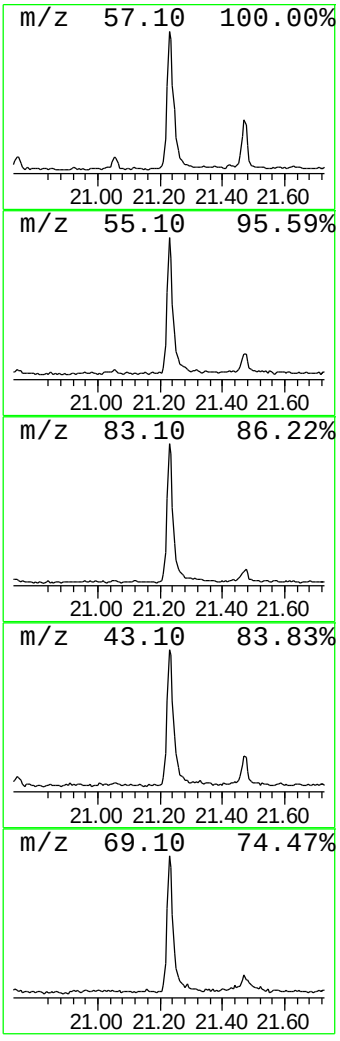
Peak Number 16 (DEL) Alkane: Cyclic21.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.81 ng/ul	796465	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

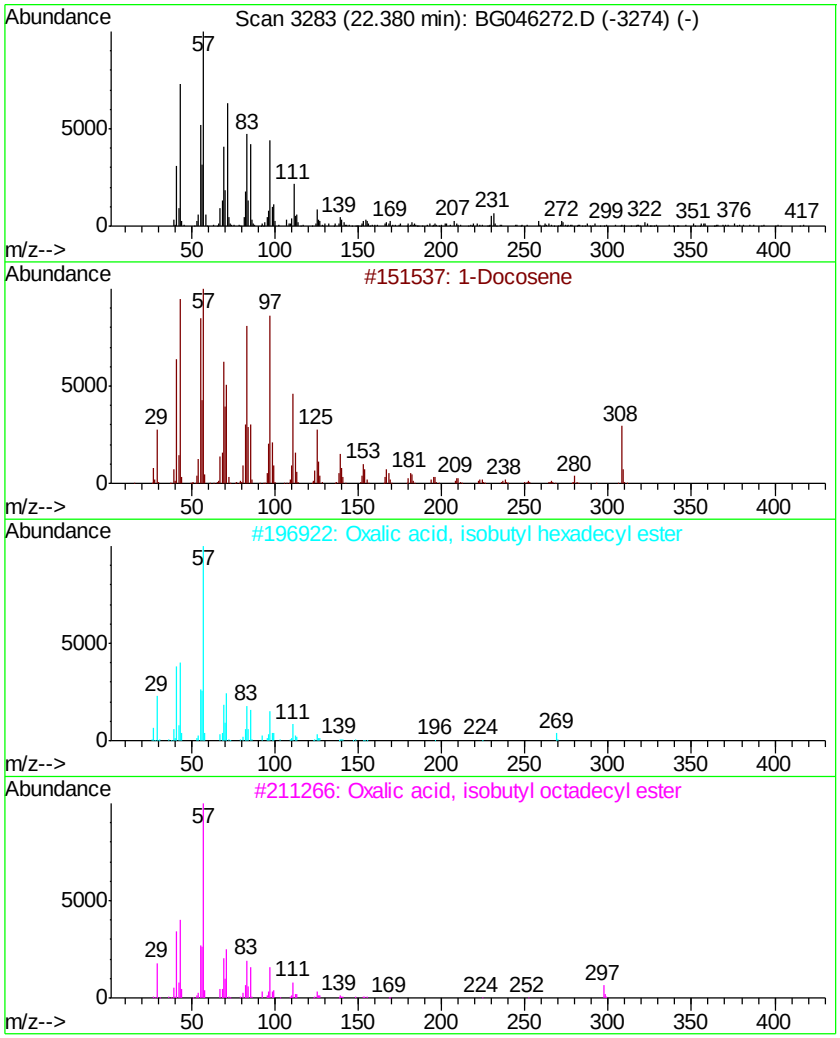
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

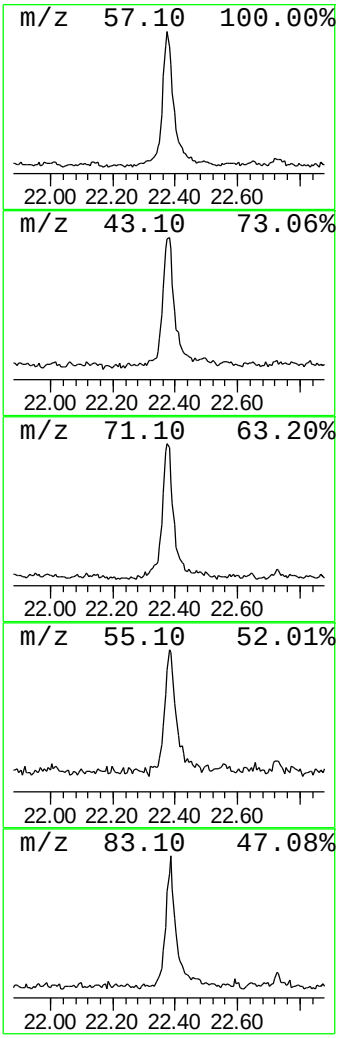
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	3.90 ng/ul	455969	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

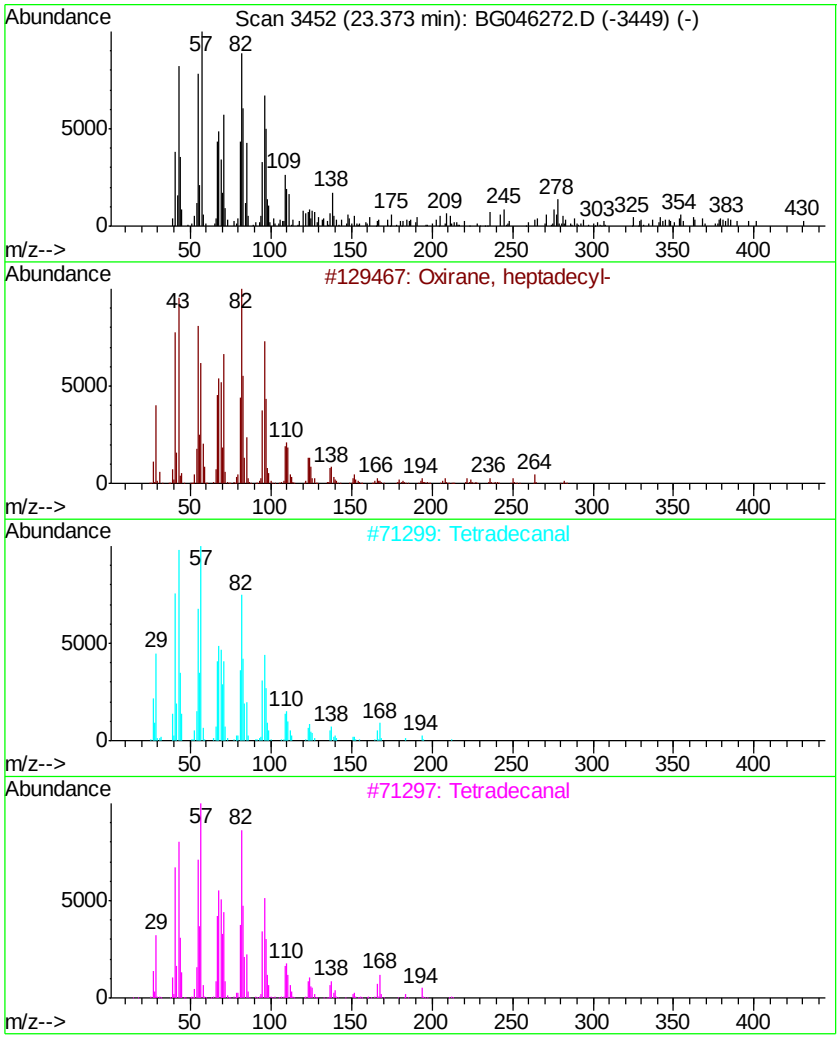
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

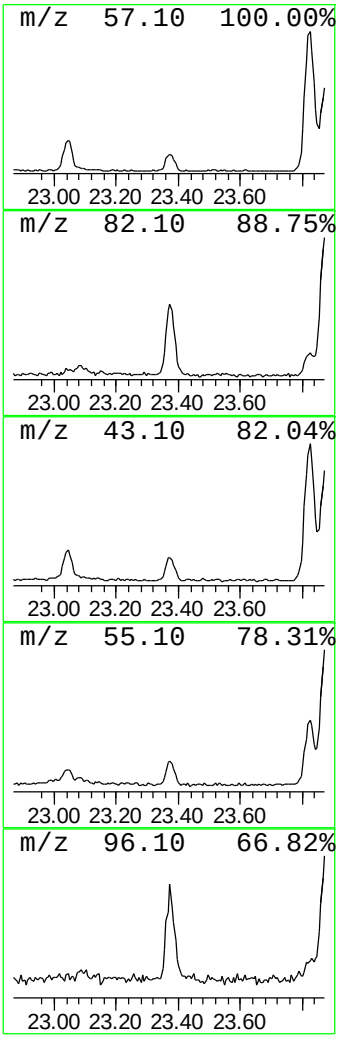
****

Peak Number 18 Oxirane, heptadecyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.71 ng/ul	202996	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
2	Tetradecanal	212	C14H28O	000124-25-4	62
3	Tetradecanal	212	C14H28O	000124-25-4	58
4	1,19-Eicosadiene	278	C20H38	014811-95-1	58
5	Octadecanal	268	C18H36O	000638-66-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

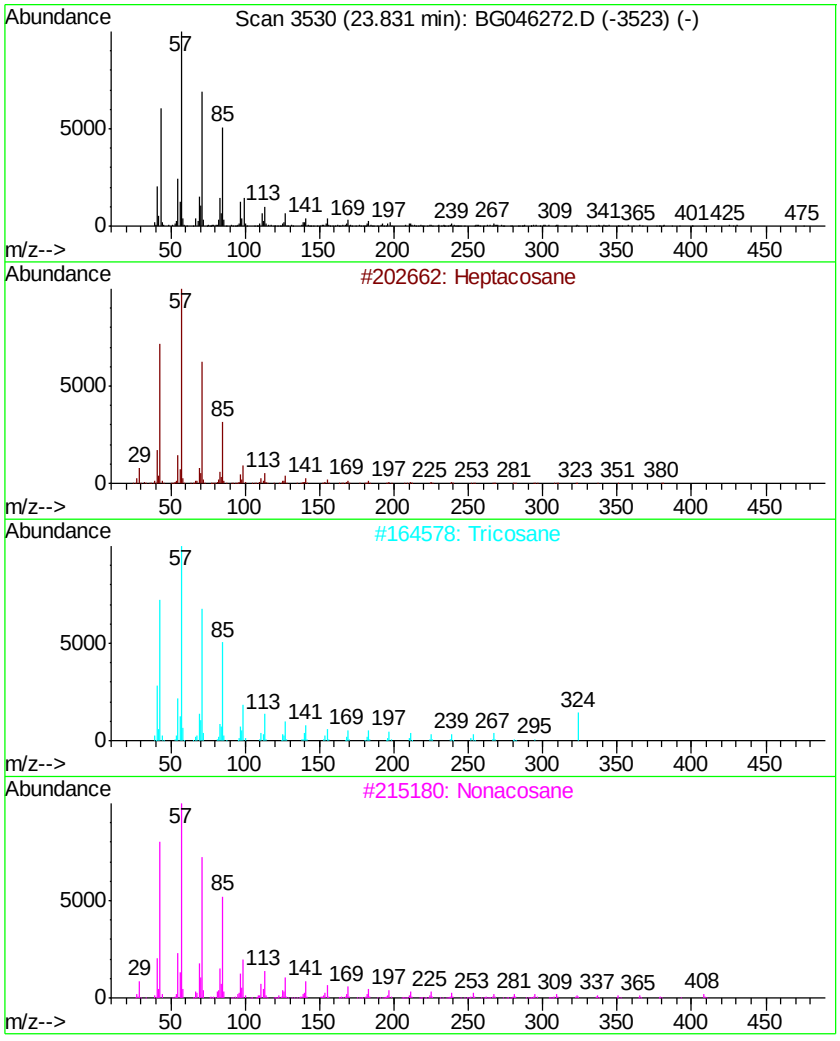
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

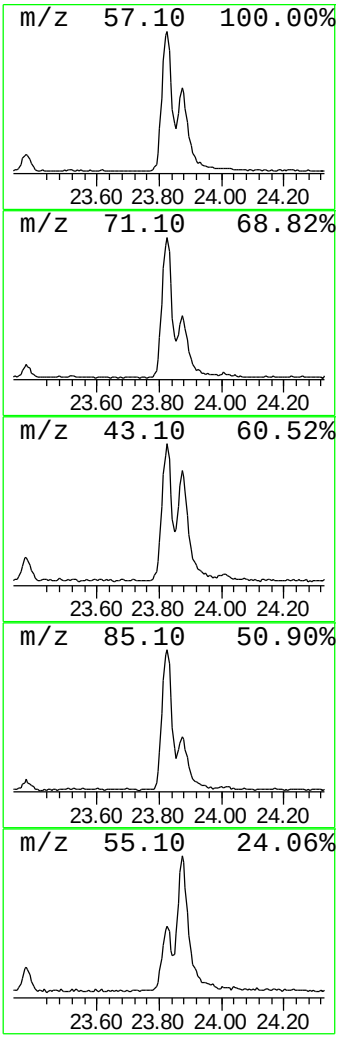
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	10.19 ng/ul	764101	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tricosane	324	C23H48	000638-67-5	94
3	Nonacosane	408	C29H60	000630-03-5	93
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	Hexacosane	366	C26H54	000630-01-3	93





Library Search Compound Report

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Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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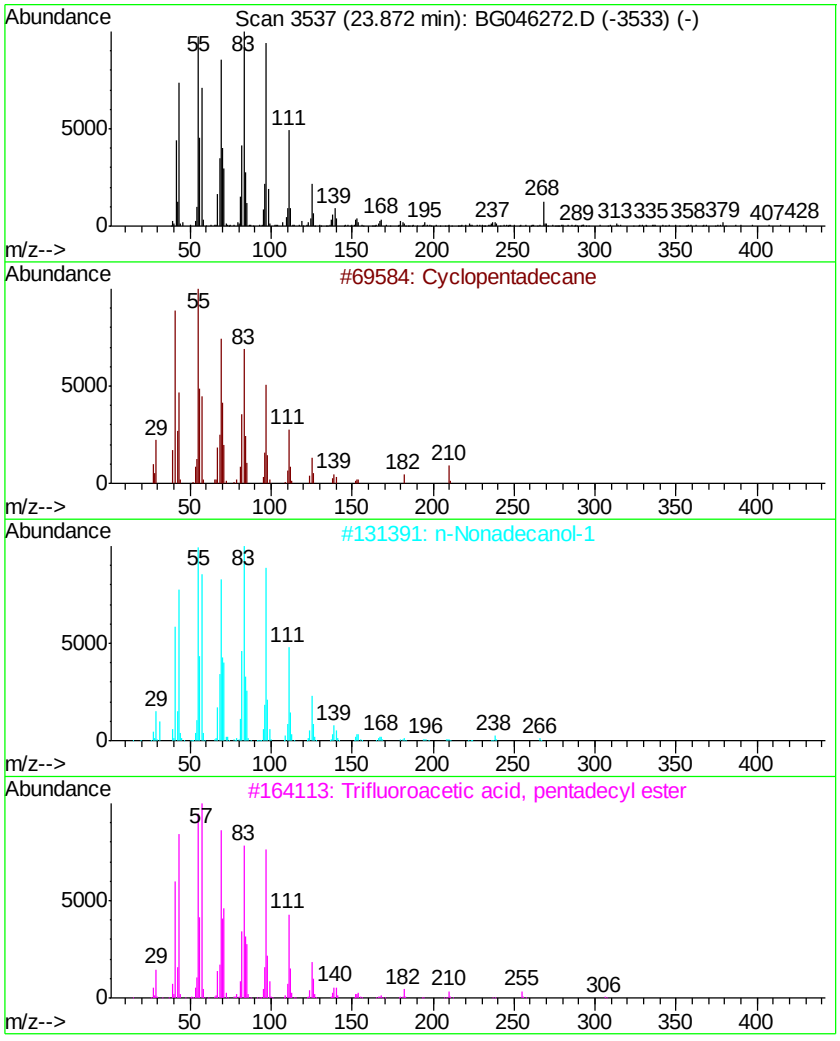
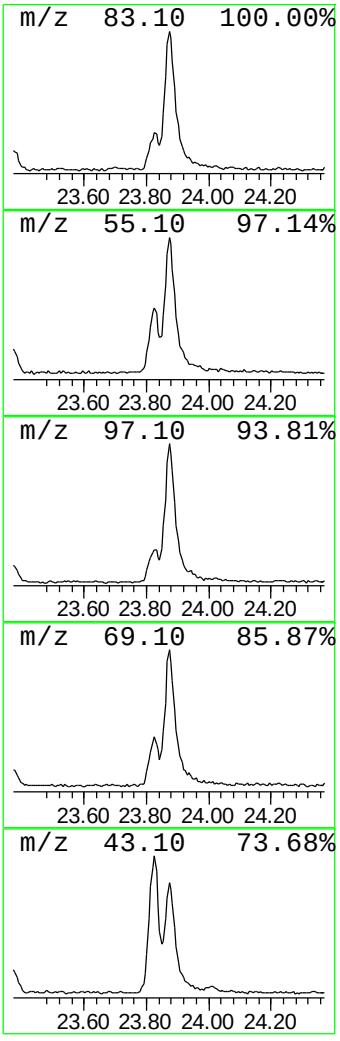
Peak Number 20 (DEL) Alkane: Cyclic23.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	10.69 ng/ul	801678	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
4	Cycloeicosane	280	C20H40	000296-56-0	86
5	1-Octadecanol	270	C18H38O	000112-92-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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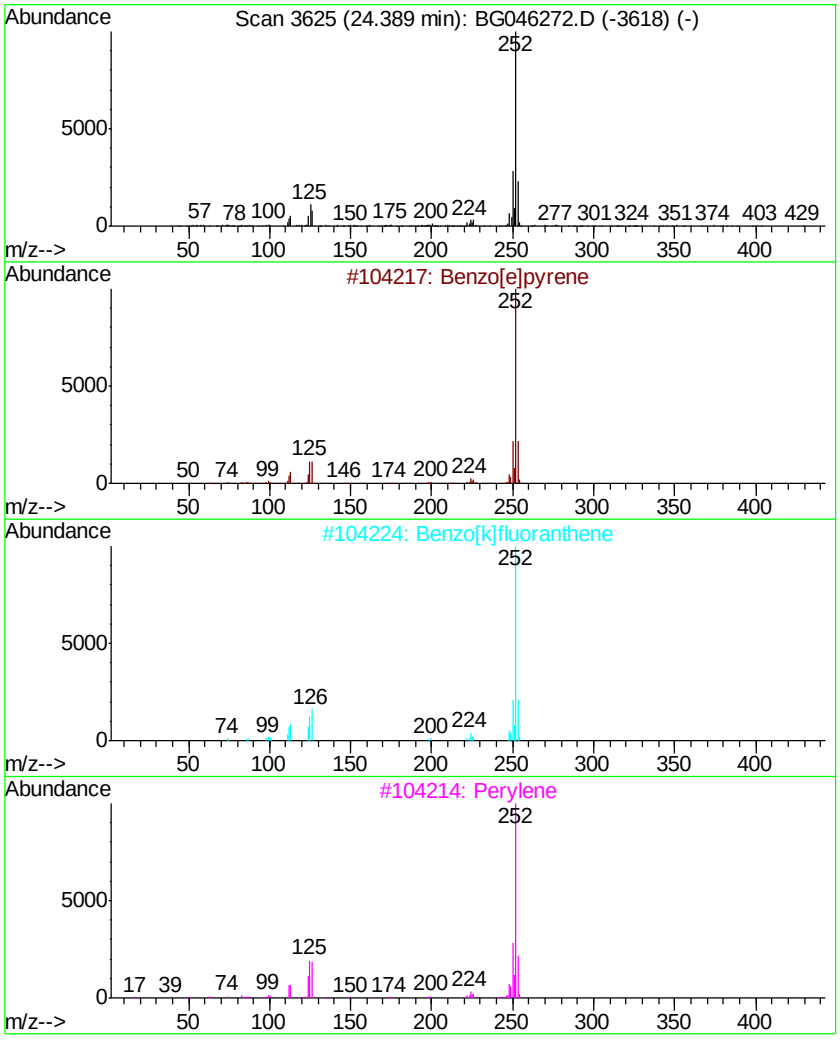
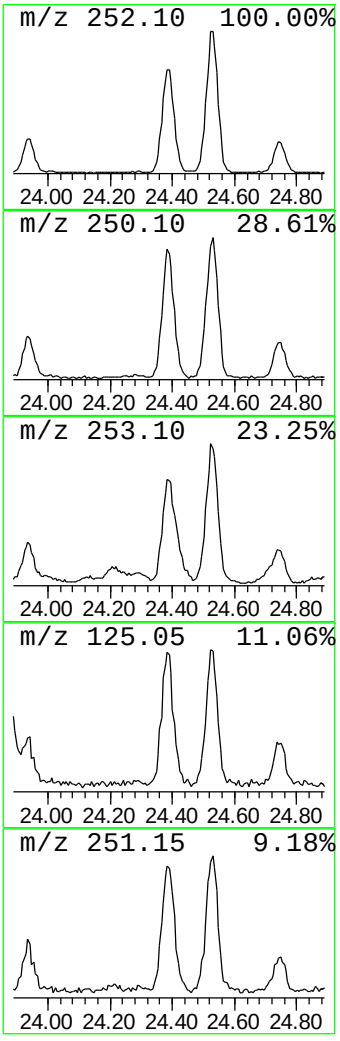
Peak Number 21 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	5.83 ng/ul	437463	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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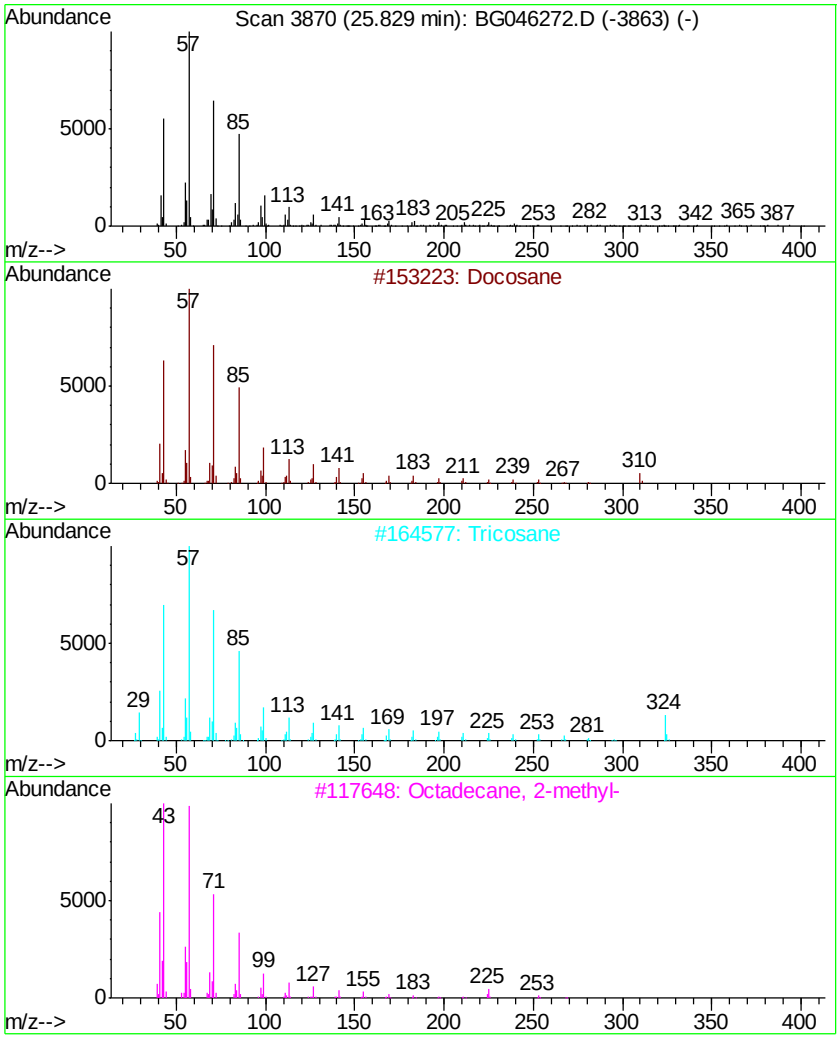
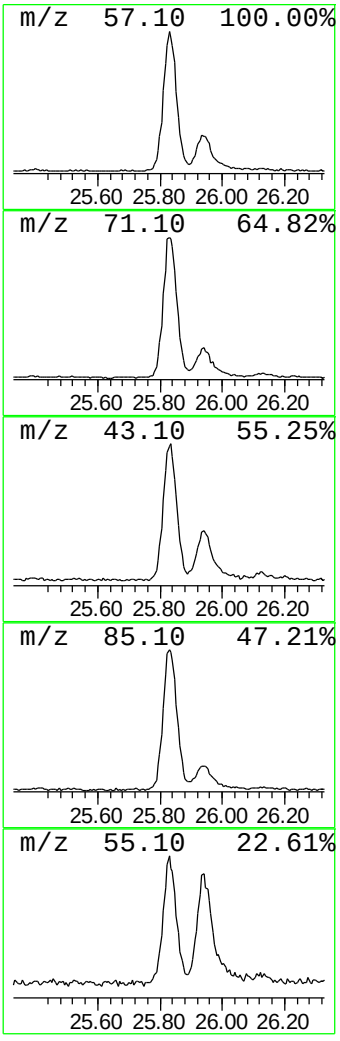
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	10.51 ng/ul	788584	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tricosane	324	C23H48	000638-67-5	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Docosane	310	C22H46	000629-97-0	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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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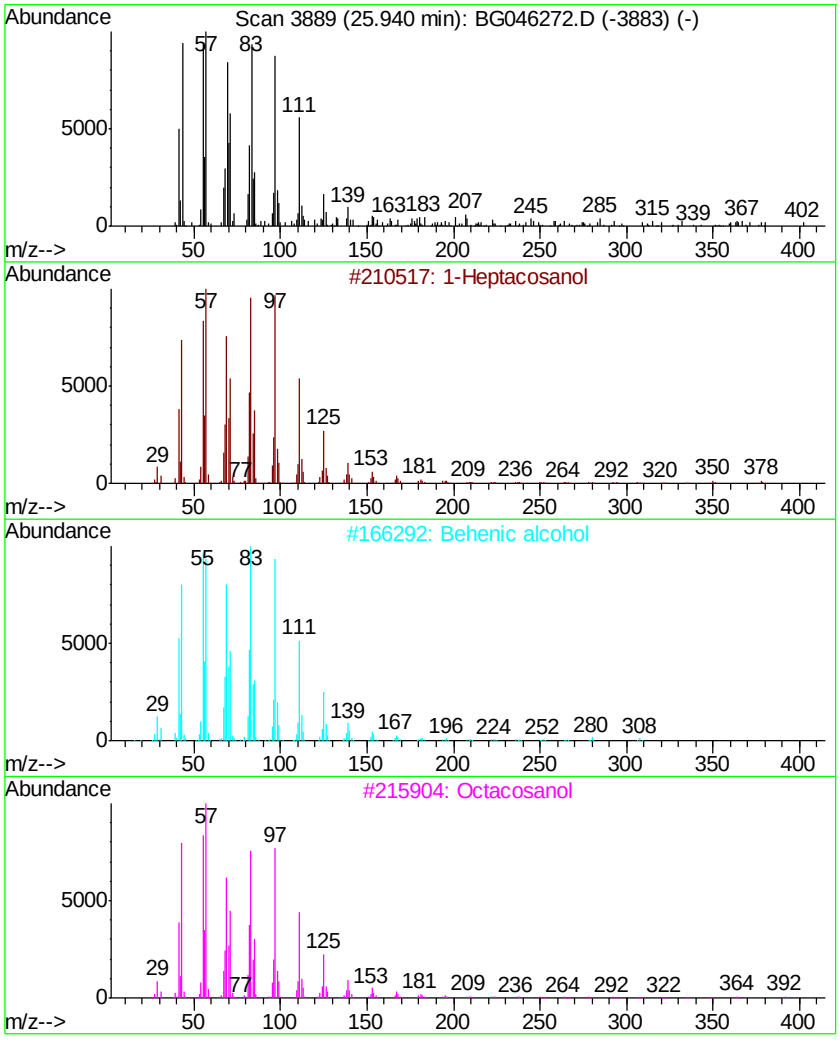
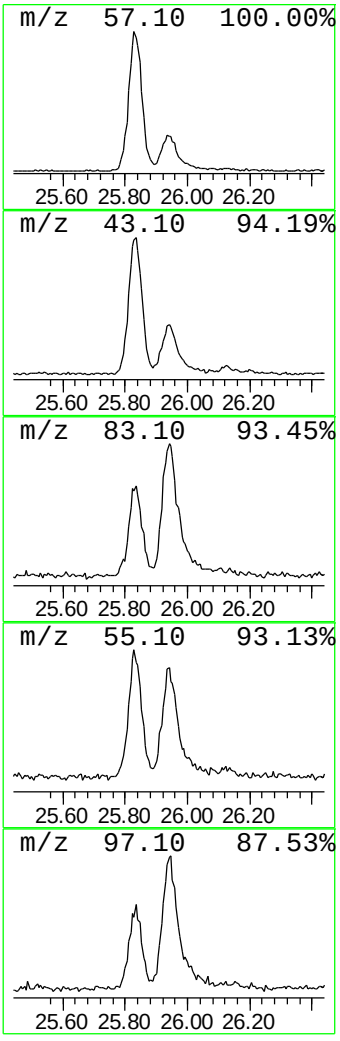
Peak Number 23 1-Heptacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	8.09 ng/ul	607102	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Octacosanol	410	C28H58O	000557-61-9	89
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	112.1	ng/ul	3285930	1	7.95	586490	20.0
4H-Imidazol-4-one...	7.12	15.4	ng/ul	450135	1	7.95	586490	20.0
unknown-01	7.28	12.1	ng/ul	353753	1	7.95	586490	20.0
unknown-02	7.49	15.9	ng/ul	466937	1	7.95	586490	20.0
unknown-03	8.65	18.3	ng/ul	535149	1	7.95	586490	20.0
1H-Imidazole, 4-m...	9.10	14.5	ng/ul	424796	1	7.95	586490	20.0
unknown-04	9.82	8.5	ng/ul	359362	2	10.75	847525	20.0
unknown-05	10.88	8.9	ng/ul	378496	2	10.75	847525	20.0
unknown-06	13.98	14.7	ng/ul	867938	3	14.58	1178180	20.0
Dimethyl phthalate	14.02	2.6	ng/ul	152557	3	14.58	1178180	20.0
unknown-07	14.77	5.5	ng/ul	326584	3	14.58	1178180	20.0
unknown-08	15.68	5.2	ng/ul	304681	3	14.58	1178180	20.0
n-Hexadecanoic acid	18.22	9.0	ng/ul	634303	4	17.32	1403540	20.0
Benzaldehyde, 3,5...	18.38	3.4	ng/ul	234959	4	17.32	1403540	20.0
9,10-Dimethylanth...	19.11	2.6	ng/ul	181409	4	17.32	1403540	20.0
(DEL) Alkane: Cyc...	21.23	6.8	ng/ul	796465	5	21.56	2339610	20.0
(DEL) Alkane: Str...	22.38	3.9	ng/ul	455969	5	21.56	2339610	20.0
Oxirane, heptadecyl-	23.37	2.7	ng/ul	202996	6	24.68	1500300	20.0
(DEL) Alkane: Str...	23.83	10.2	ng/ul	764101	6	24.68	1500300	20.0
(DEL) Alkane: Cyc...	23.87	10.7	ng/ul	801678	6	24.68	1500300	20.0
Benzo[e]pyrene	24.39	5.8	ng/ul	437463	6	24.68	1500300	20.0
(DEL) Alkane: Str...	25.83	10.5	ng/ul	788584	6	24.68	1500300	20.0
1-Heptacosanol	25.94	8.1	ng/ul	607102	6	24.68	1500300	20.0