LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033335.D
Acq On : 26 Mar 2018 18:40
Operator : SJ/JU
Sample : J2053-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01-20180323

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.481	26	33	43	rBV	179936	375068	8.98%	1.936%
2	3.570	43	48	59	rVB	122888	194777	4.66%	1.005%
3	6.284	504	510	521	rBV	310305	627483	15.02%	3.238%
4	7.970	788	797	814	rBV	185133	454323	10.88%	2.345%
5	8.376	858	866	883	rBV	614864	1273004	30.48%	6.569%
6	8.863	941	949	966	rBV	108325	263234	6.30%	1.358%
7	9.198	997	1006	1029	rBV	617420	1260377	30.18%	6.504%
8	10.068	1146	1154	1170	rBV	460392	1067230	25.55%	5.507%
9	11.748	1431	1440	1457	rBV	164204	373873	8.95%	1.929%
10	14.110	1833	1842	1862	rBV	1667801	2776691	66.48%	14.329%
11	14.903	1969	1977	1982	rBV	55630	90510	2.17%	0.467%
12	15.485	2069	2076	2082	rBV2	342500	600489	14.38%	3.099%
13	15.544	2082	2086	2092	rVB	47949	82451	1.97%	0.425%
14	16.249	2202	2206	2211	rBV	36752	46134	1.10%	0.238%
15	16.954	2319	2326	2338	rBV	1466730	2416288	57.85%	12.469%
16	17.101	2348	2351	2358	rVV	28330	42963	1.03%	0.222%
17	17.171	2358	2363	2373	rVB	46246	77345	1.85%	0.399%
18	17.377	2390	2398	2403	rBV2	59293	101763	2.44%	0.525%
19	18.211	2530	2540	2552	rBV2	473548	864942	20.71%	4.464%
20	19.010	2671	2676	2688	rBV2	74417	138544	3.32%	0.715%
21	20.244	2882	2886	2894	rVB7	32775	56625	1.36%	0.292%
22	20.732	2963	2969	2981	rBV	3125234	4176682	100.00%	21.554%
23	22.077	3193	3198	3211	rVB8	55912	123382	2.95%	0.637%
24	22.559	3272	3280	3292	rBV	469161	941237	22.54%	4.857%
25	26.319	3908	3920	3935	rBV3	265867	952474	22.80%	4.915%

Sum of corrected areas: 19377889

LSC Report - Integrated Chromatogram

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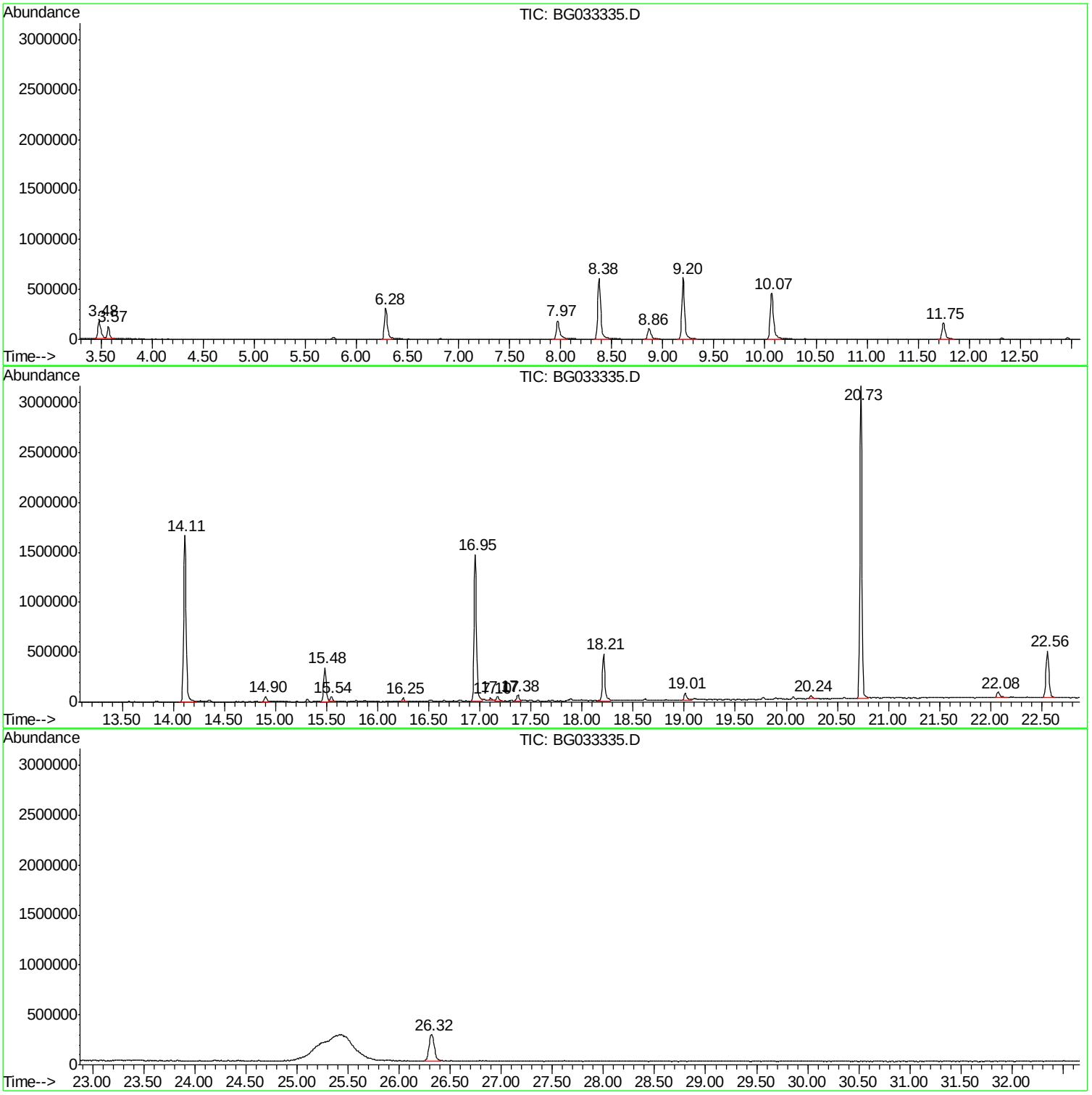
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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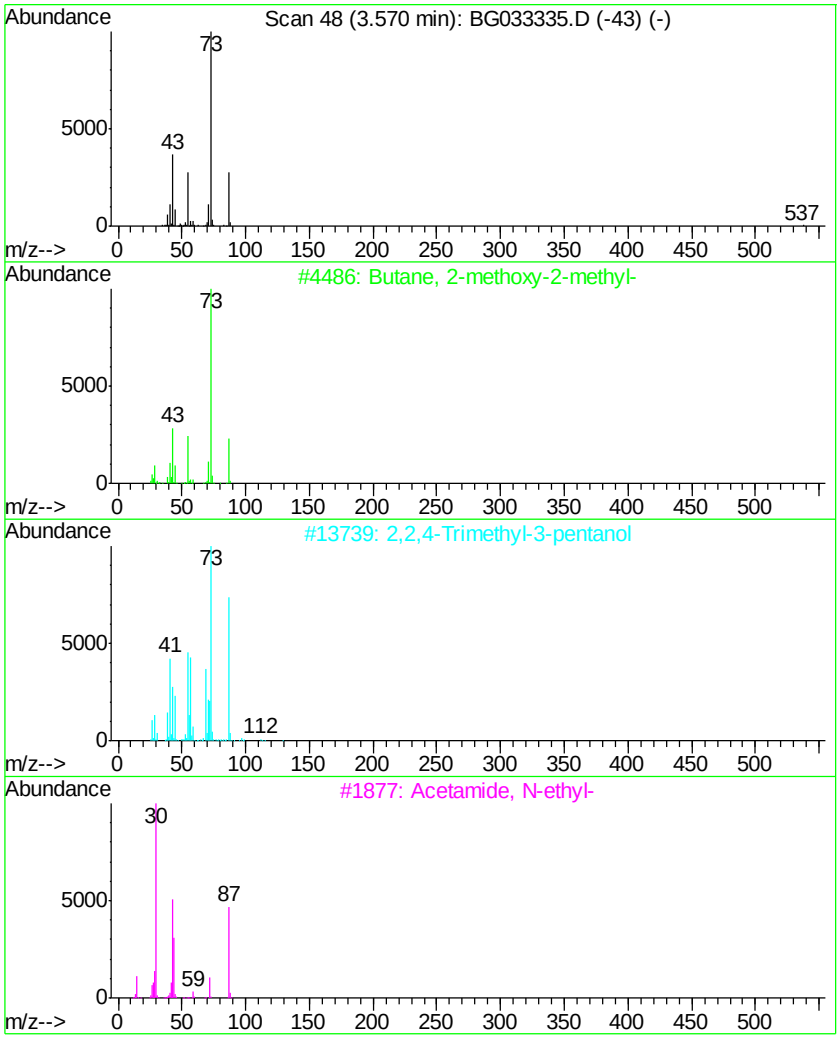
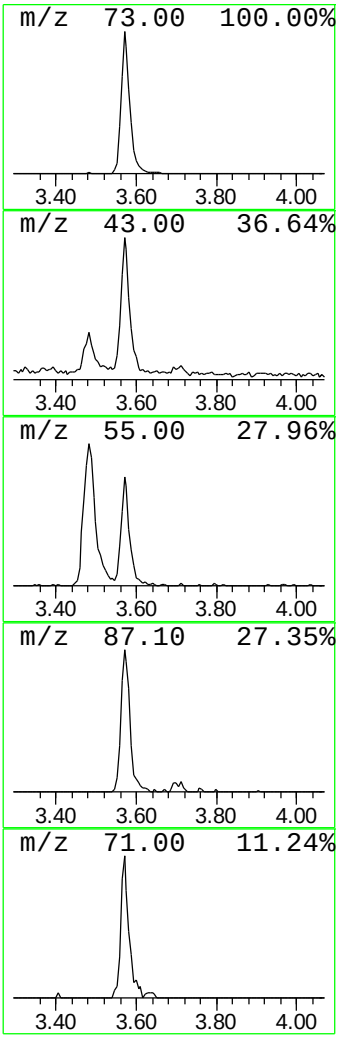
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	14.80 ng	194777	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





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Sample : J2053-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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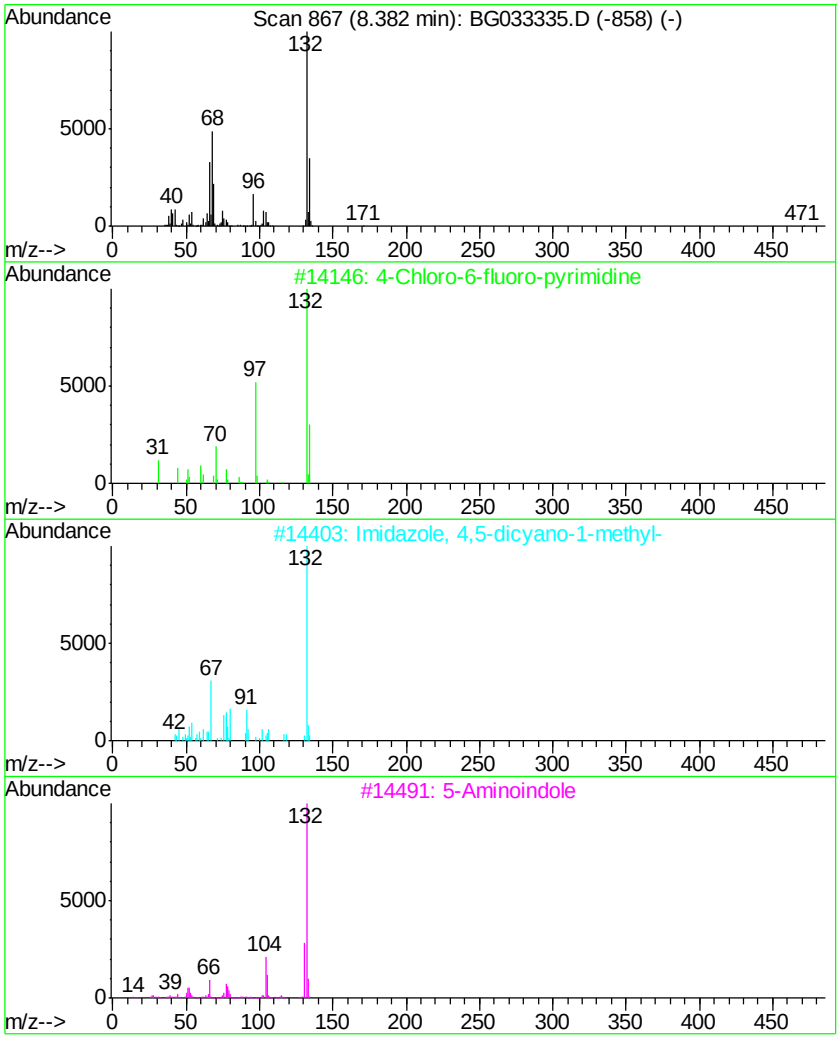
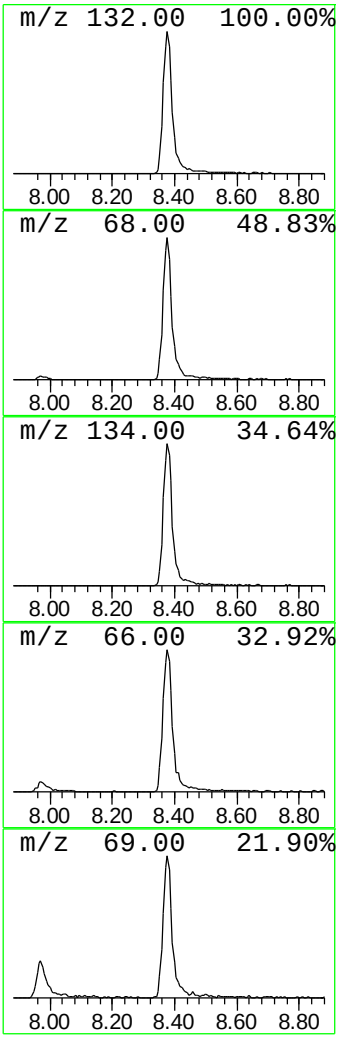
Peak Number 3 unknown8.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	96.72 ng	1273000	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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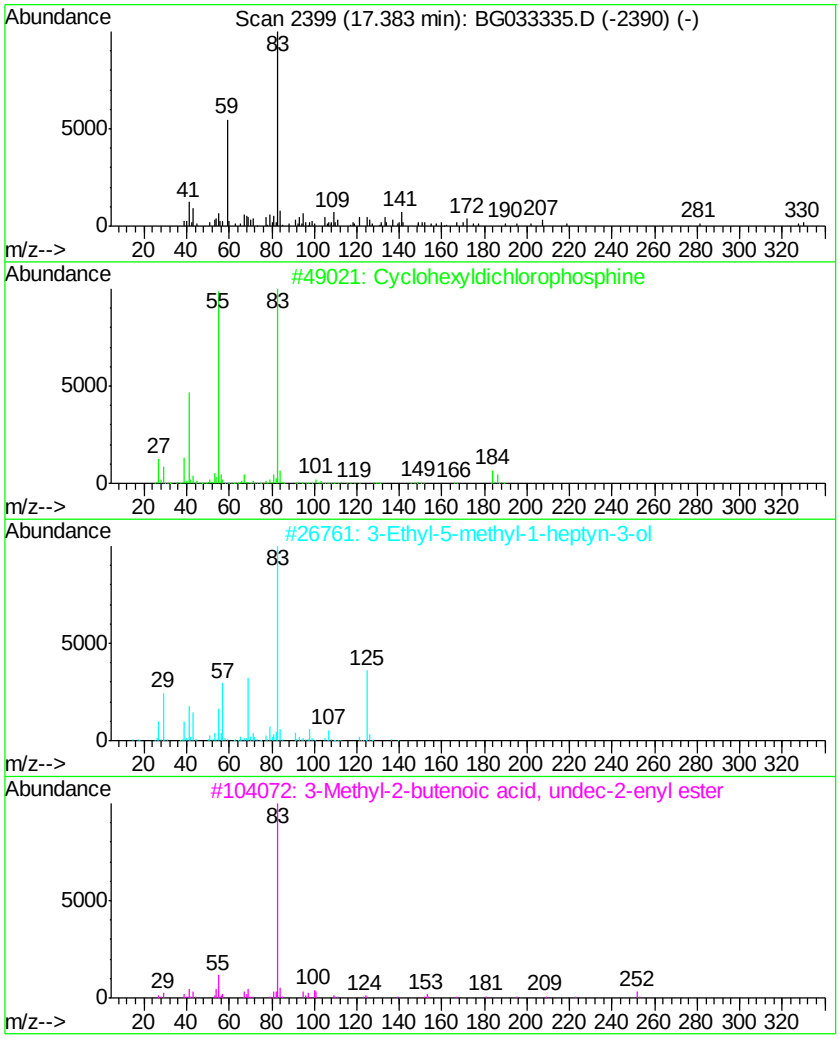
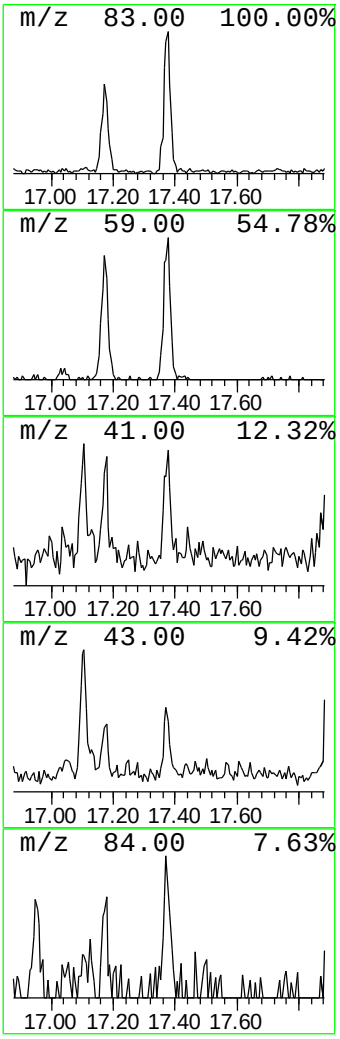
Peak Number 5 unknown17.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.35 ng	101763	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexyldichlorophosphine	184	C6H11Cl2P	002844-89-5	43
2	3-Ethyl-5-methyl-1-heptyn-3-ol	154	C10H18O	207974-16-1	43
3	3-Methyl-2-butenoic acid, undec-...	252	C16H28O2	1000299-31-6	43
4	3-Methyl-but-2-enoic acid, 1,7,7...	236	C15H24O2	091404-82-9	43
5	Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	38





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Instrument : BNA_G
ClientSampleId : MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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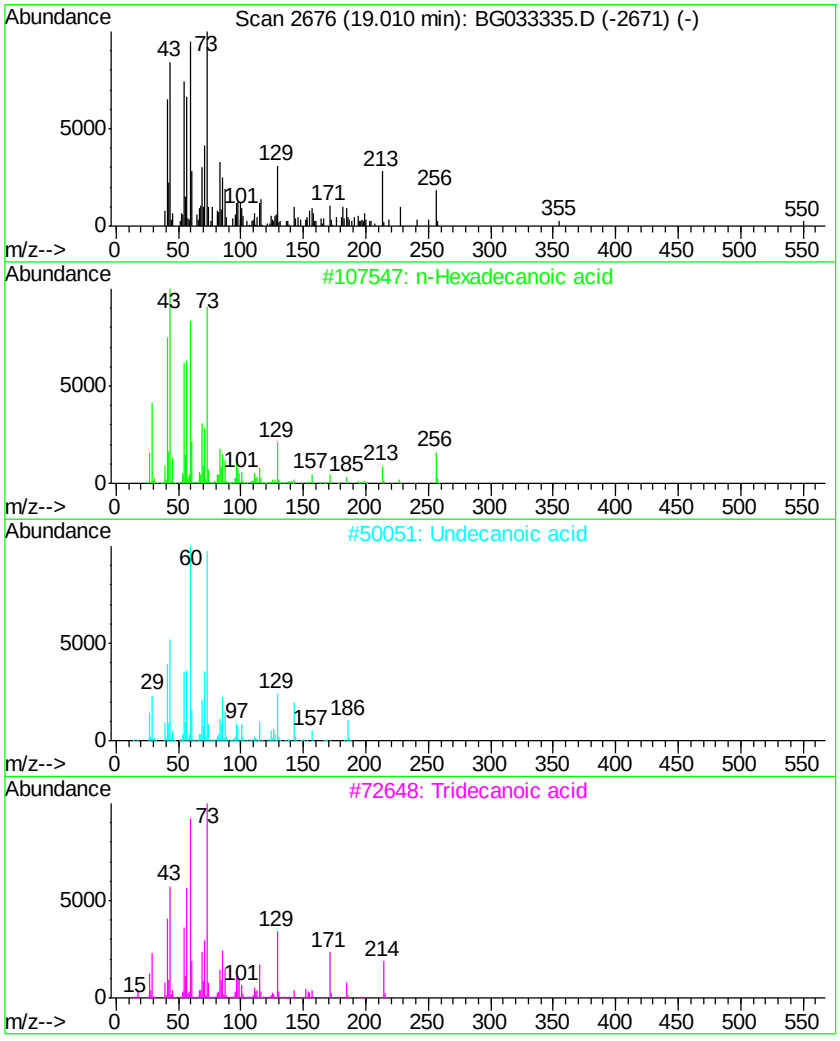
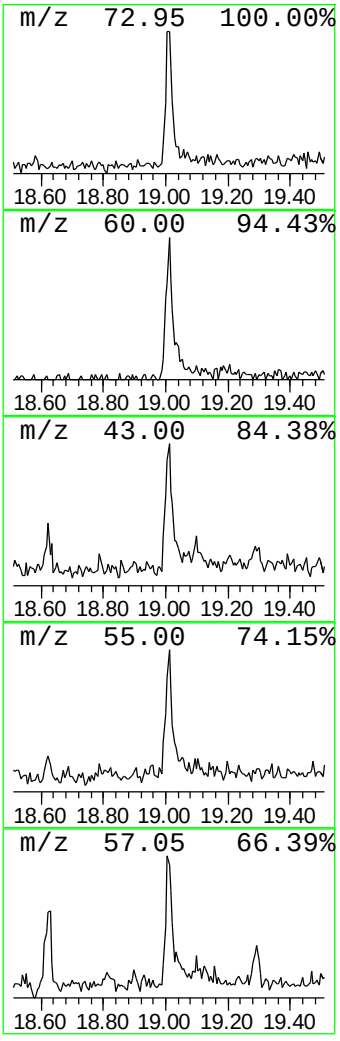
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.20 ng	138544	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Sample : J2053-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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TIC Integration Parameters: LSCINT.P

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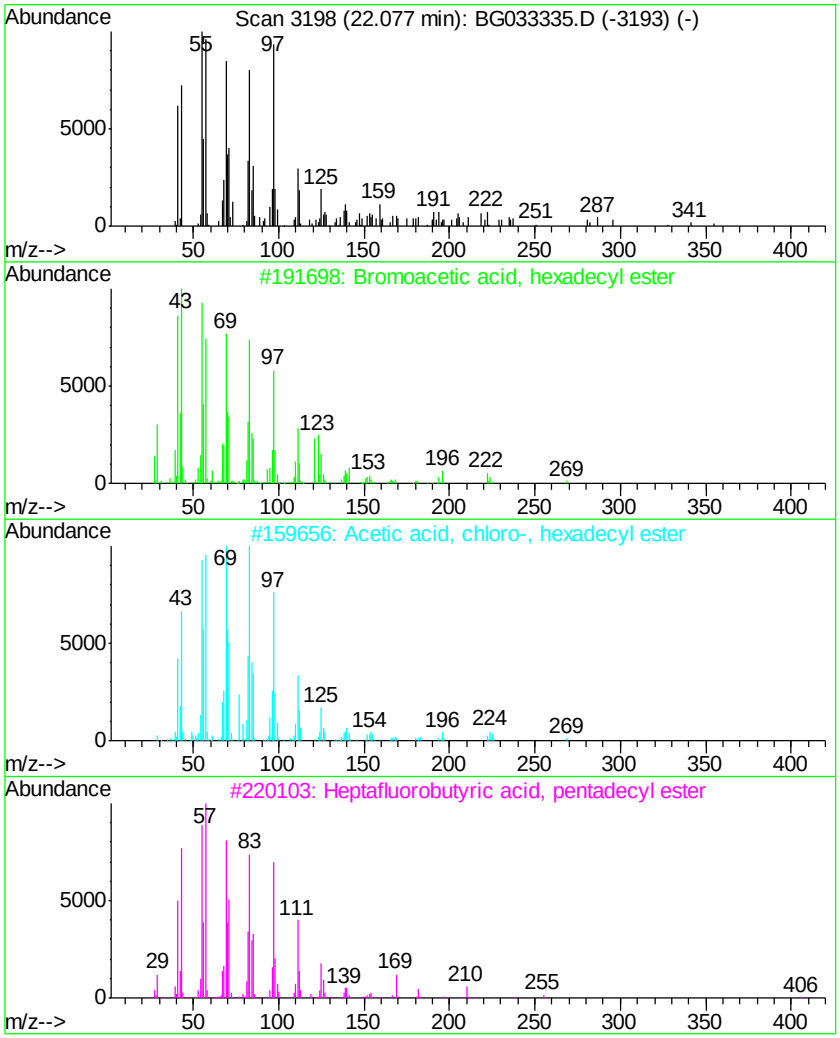
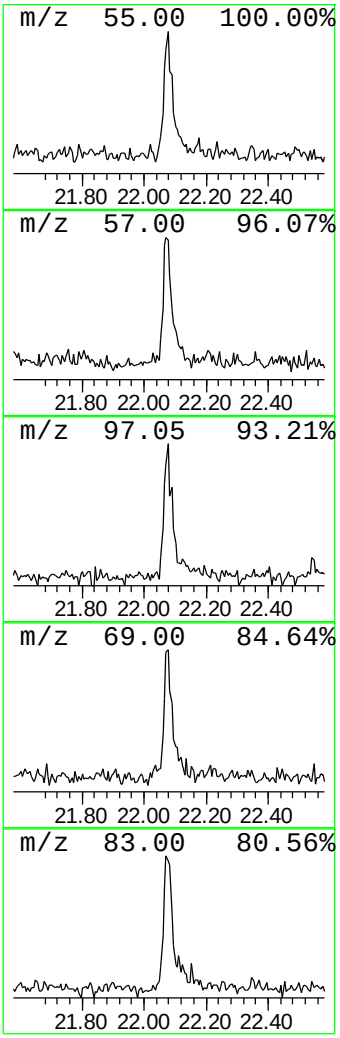
Peak Number 7 Bromoacetic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.62 ng	123382	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	80
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	80
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	74
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	74
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	14.8	ng	194777	1	8.86	263234	20.0
unknown8.38	8.38	96.7	ng	1273000	1	8.86	263234	20.0
unknown17.38	17.38	2.4	ng	101763	4	18.21	864942	20.0
n-Hexadecanoic acid	19.01	3.2	ng	138544	4	18.21	864942	20.0
Bromoacetic acid,...	22.08	2.6	ng	123382	5	22.56	941237	20.0