LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010148.D
Acq On : 23 May 2017 18:53
Operator : SJ/MA
Sample : I3245-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7

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_M\METHODS\8270-BM051917.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	5.075	334	338	350	rBV	190522	275033	2.01%	0.512%
2	5.540	411	417	426	rBV	1293005	1939467	14.15%	3.607%
3	7.140	683	689	700	rBV	705883	1131270	8.25%	2.104%
4	7.498	743	750	761	rBV	2530106	3940288	28.75%	7.329%
5	7.957	820	828	835	rBV	541086	852312	6.22%	1.585%
6	8.275	874	882	893	rBV	2418040	3944215	28.78%	7.336%
7	9.145	1022	1030	1043	rBV	1740100	2874011	20.97%	5.345%
8	10.763	1296	1305	1317	rBV	630534	1086139	7.92%	2.020%
9	13.210	1714	1721	1728	rBV	5289671	7425966	54.18%	13.812%
10	14.586	1949	1955	1965	rBV2	974281	1510834	11.02%	2.810%
11	16.080	2202	2209	2219	rBV	4406101	6141980	44.81%	11.423%
12	17.333	2416	2422	2434	rVB	1459251	2015916	14.71%	3.749%
13	18.180	2561	2566	2572	rBV2	179483	266131	1.94%	0.495%
14	19.450	2778	2782	2790	rBV2	230076	363098	2.65%	0.675%
15	19.933	2859	2864	2875	rBV	11091911	13706376	100.00%	25.492%
16	21.492	3124	3129	3136	rBV	2415835	3072053	22.41%	5.714%
17	23.856	3525	3531	3538	rVB2	1638287	3221348	23.50%	5.991%

Sum of corrected areas: 53766437

LSC Report - Integrated Chromatogram

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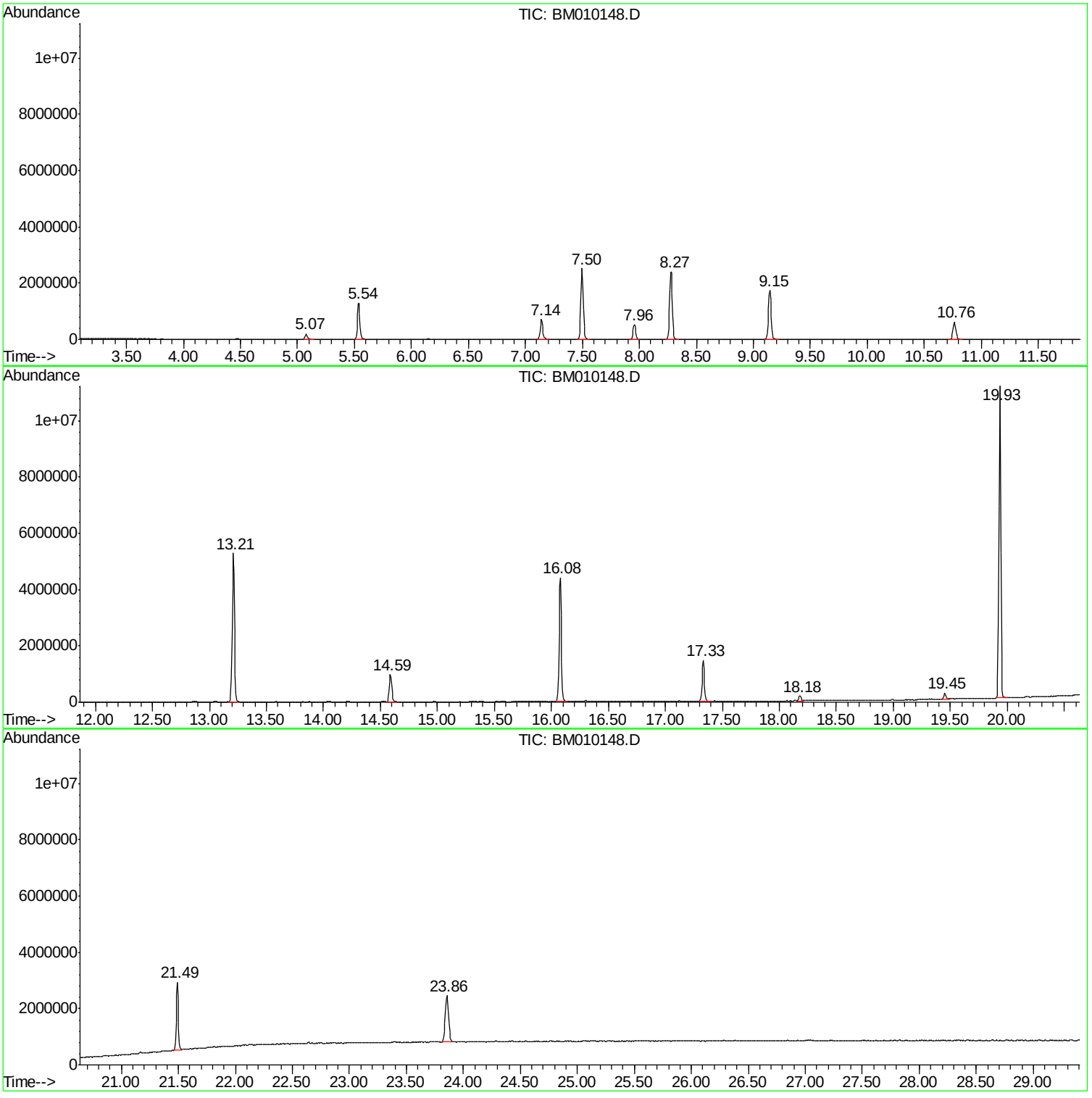
Instrument :
BNA_M
ClientSampleId :
GMW-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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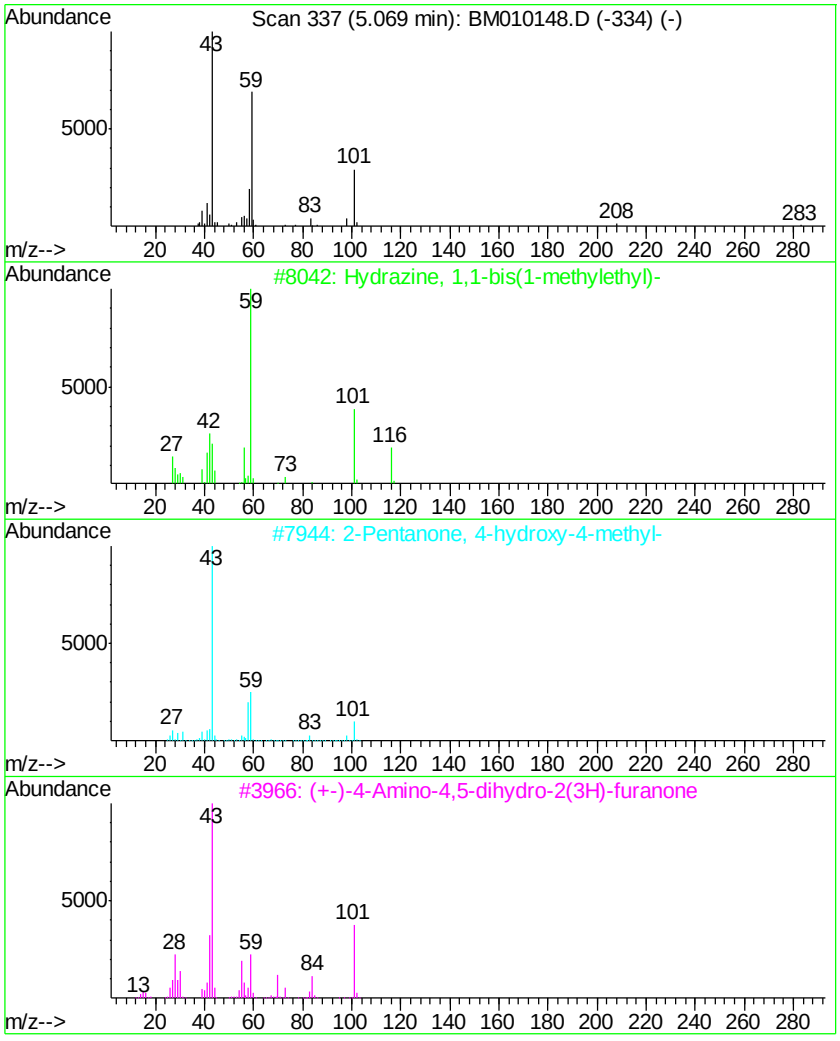
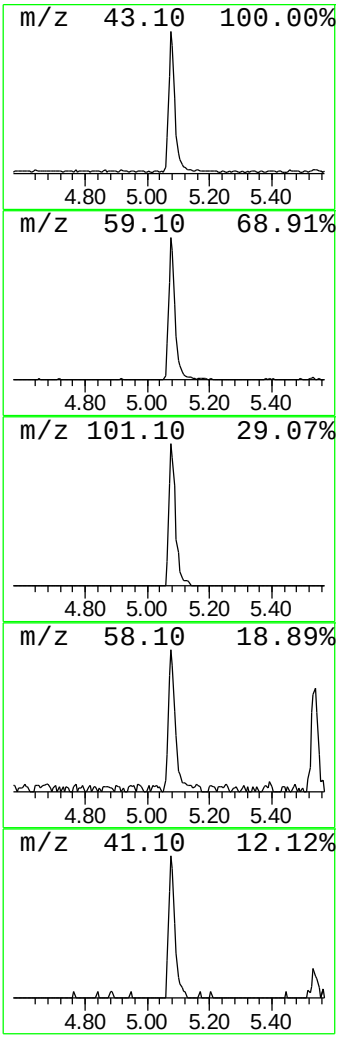
Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.45 ng	275033	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	Dimethadione	129	C5H7NO3	000695-53-4	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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ClientSampleId : GMW-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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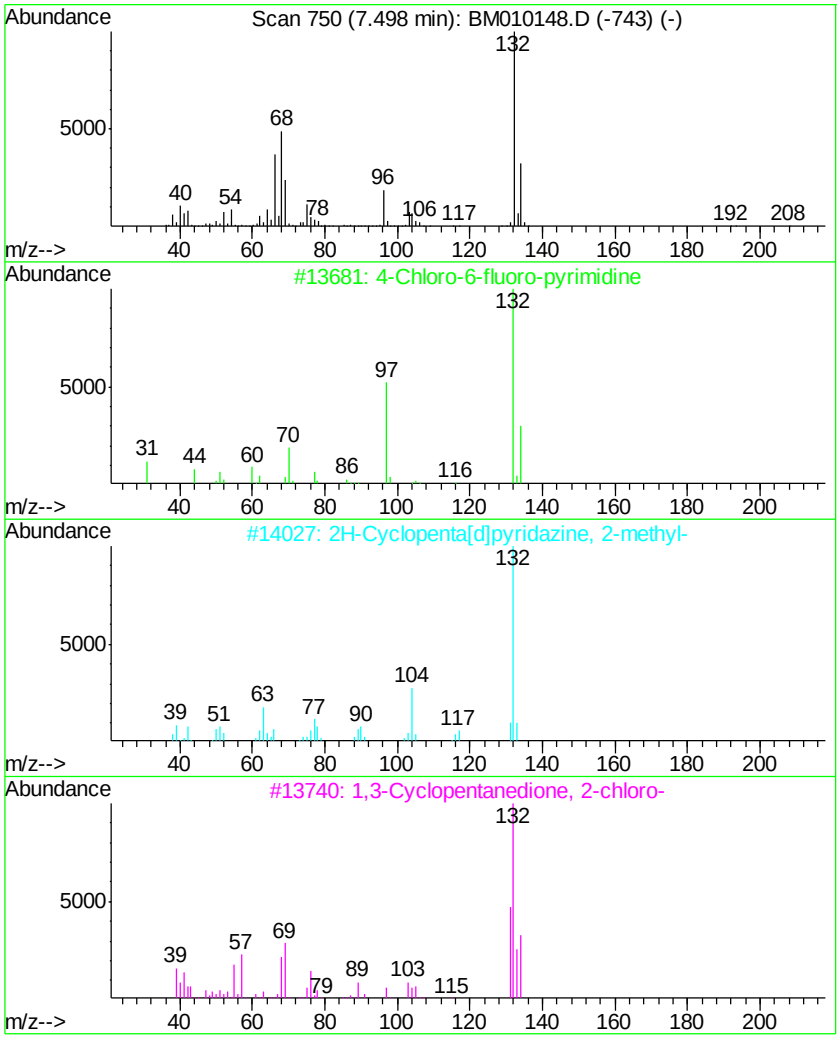
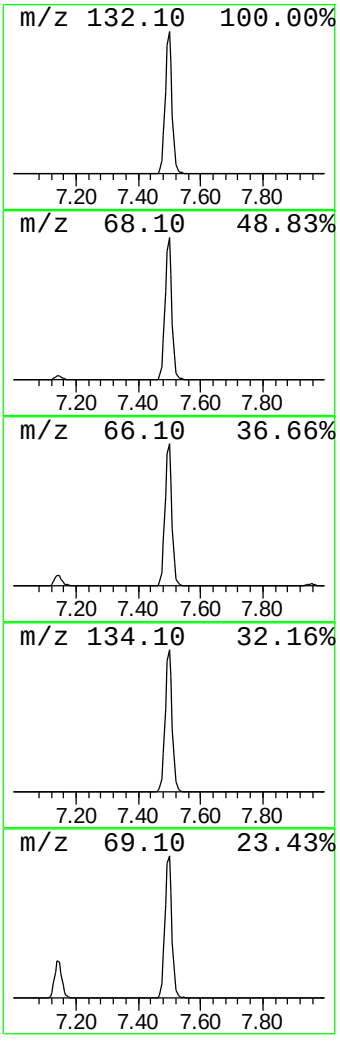
Peak Number 2 unknown7.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	92.46 ng	3940290	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : I3245-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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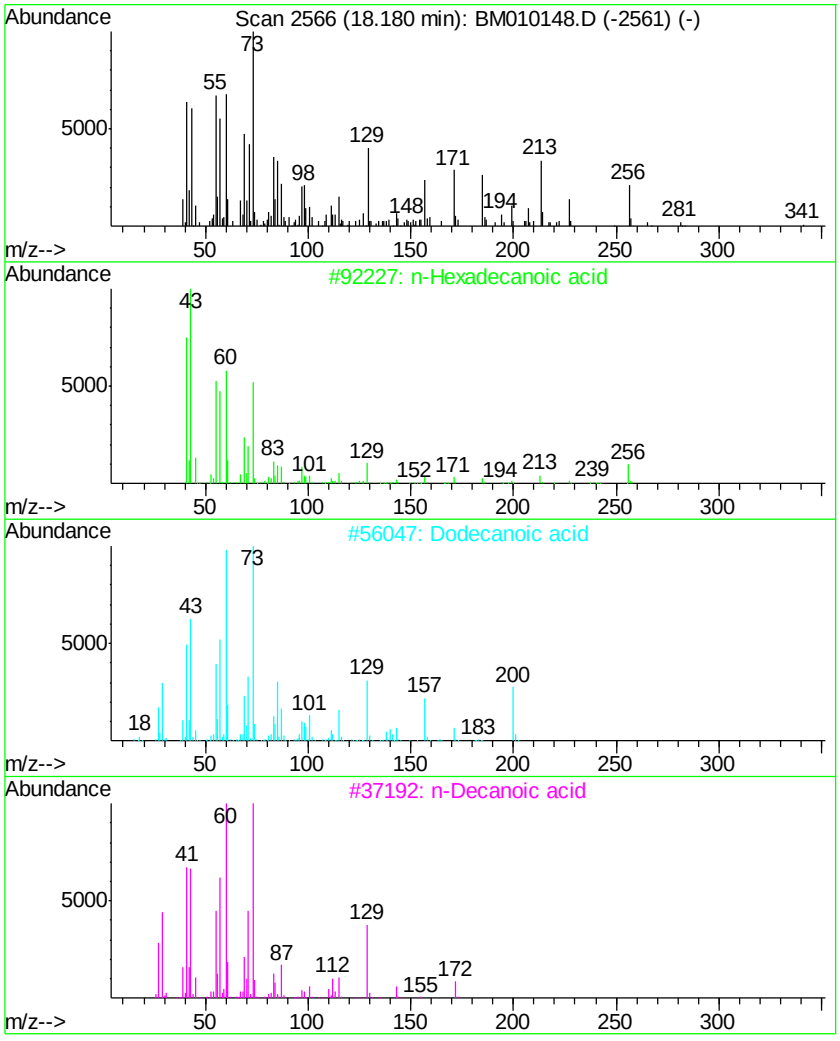
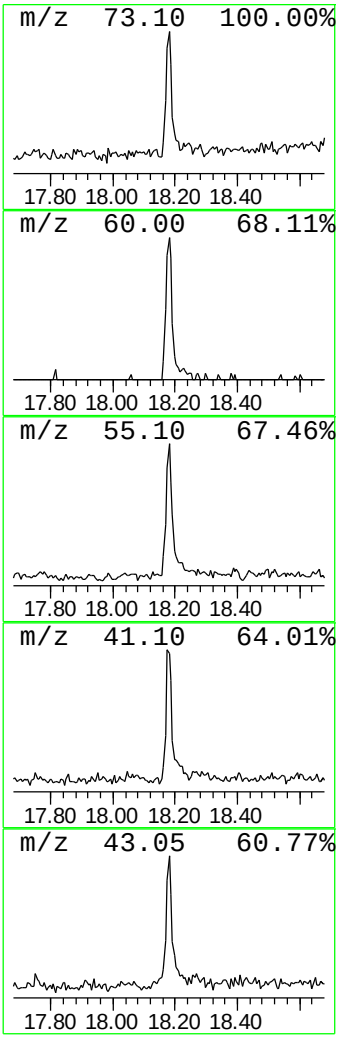
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.64 ng	266131	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	41
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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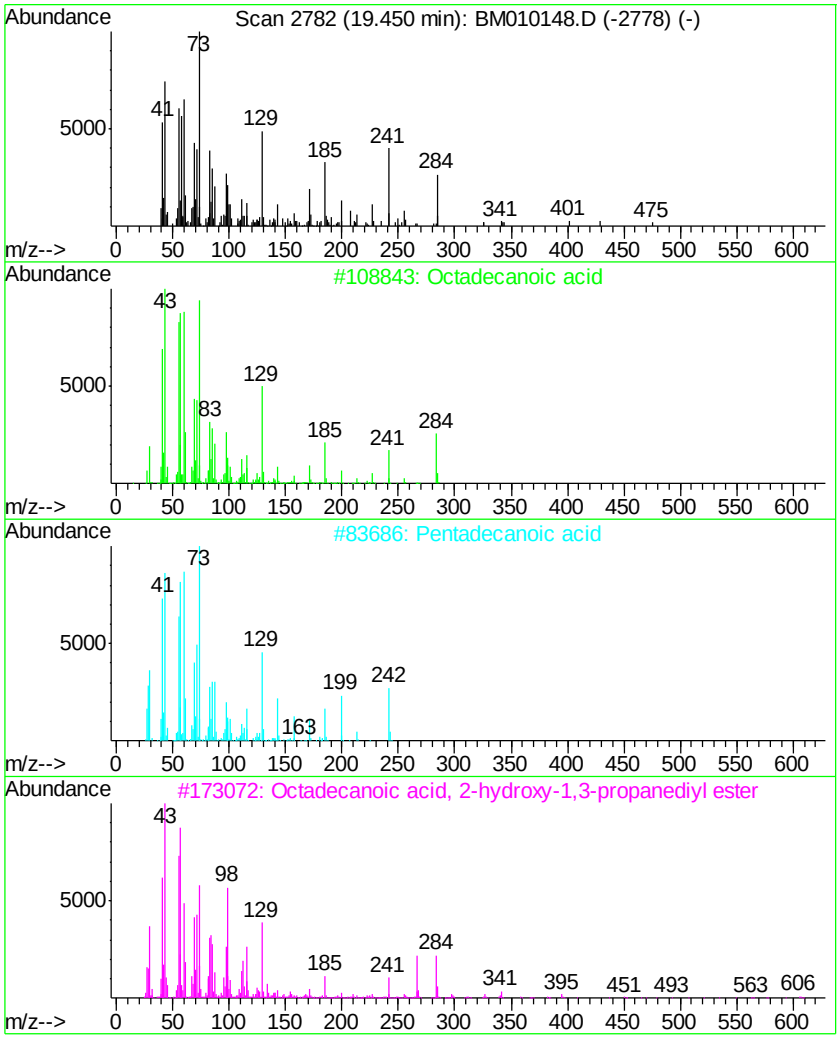
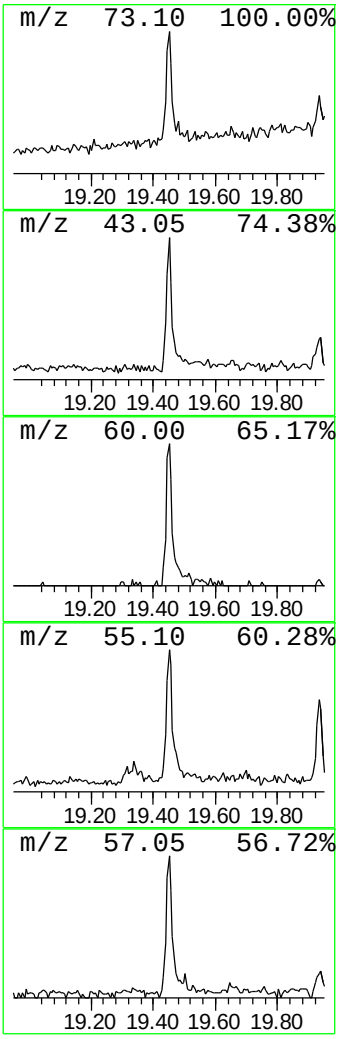
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.36 ng	363098	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hydrazine, 1,1-bi...	5.07	6.5	ng	275033	1	7.96	852312	20.0
unknown7.50	7.50	92.5	ng	3940290	1	7.96	852312	20.0
n-Hexadecanoic acid	18.18	2.6	ng	266131	4	17.33	2015920	20.0
Octadecanoic acid	19.45	2.4	ng	363098	5	21.49	3072050	20.0