LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010155.D
Acq On : 23 May 2017 23:35
Operator : SJ/MA
Sample : I3245-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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	4.457	229	233	242	rBV	452587	599116	6.36%	1.483%
2	5.075	333	338	346	rBV	208416	290657	3.09%	0.719%
3	5.534	410	416	426	rBV	1025335	1495266	15.88%	3.700%
4	7.140	683	689	700	rBV	544472	863702	9.17%	2.137%
5	7.493	742	749	761	rBV	1845863	2982492	31.68%	7.381%
6	7.951	821	827	836	rBV	488823	799270	8.49%	1.978%
7	8.275	874	882	892	rBV	1872689	2979959	31.65%	7.375%
8	9.140	1022	1029	1043	rBV	1303398	2161990	22.96%	5.350%
9	10.763	1298	1305	1314	rVB	558312	978781	10.40%	2.422%
10	13.210	1710	1721	1730	rBV	3762922	5393315	57.28%	13.347%
11	14.586	1949	1955	1965	rBV3	836312	1310336	13.92%	3.243%
12	16.074	2202	2208	2219	rBV	2912391	4185558	44.45%	10.358%
13	17.333	2414	2422	2431	rBV	1175766	1686399	17.91%	4.173%
14	18.180	2561	2566	2571	rBV2	119162	187437	1.99%	0.464%
15	19.451	2778	2782	2789	rBV3	129356	188241	2.00%	0.466%
16	19.933	2858	2864	2870	rBV	7868784	9415724	100.00%	23.301%
17	21.492	3124	3129	3134	rBV	1997812	2451936	26.04%	6.068%
18	23.850	3525	3530	3538	rVB2	1197715	2438706	25.90%	6.035%

Sum of corrected areas: 40408885

LSC Report - Integrated Chromatogram

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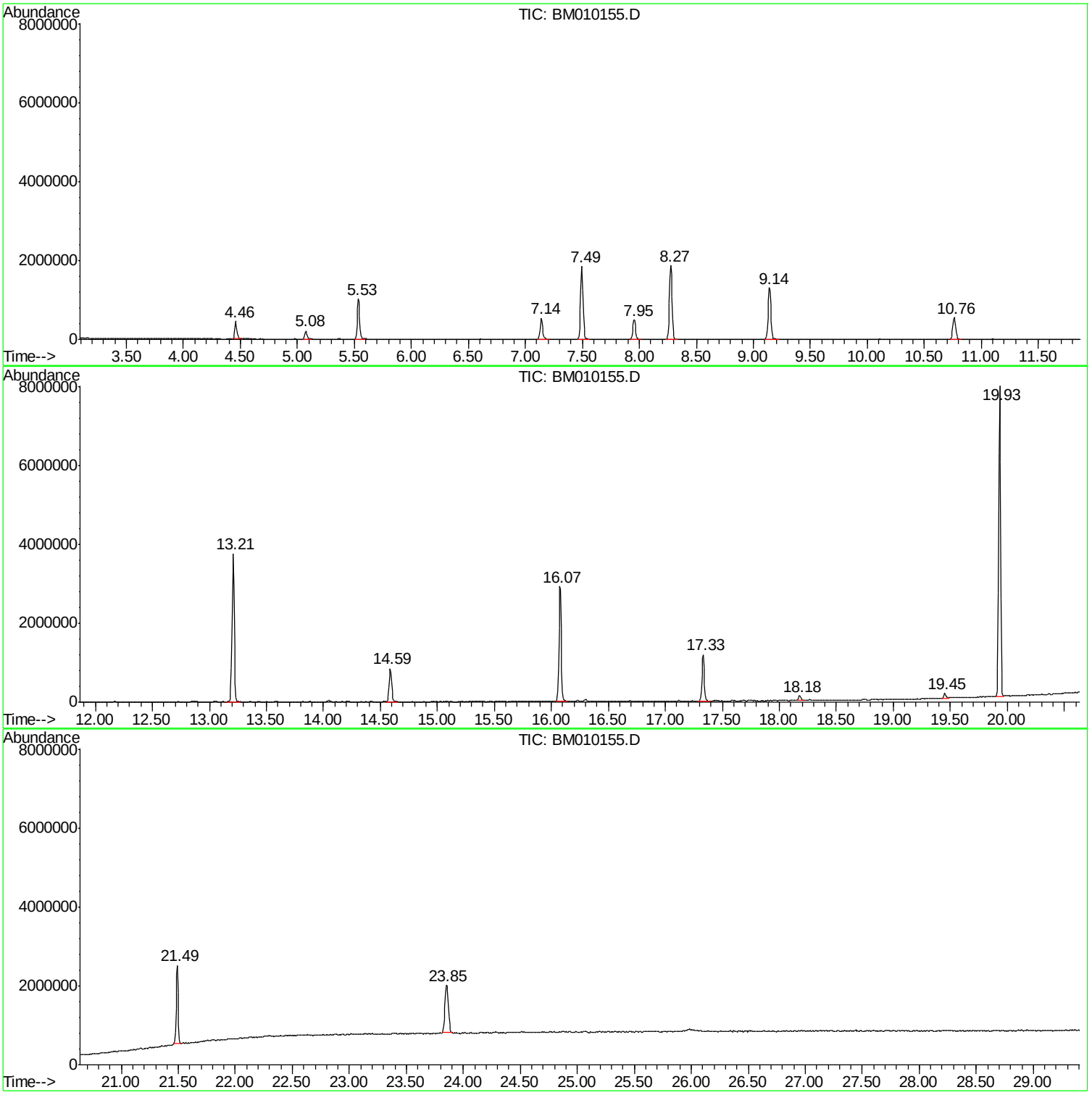
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010155.D
Acq On : 23 May 2017 23:35
Operator : SJ/MA
Sample : I3245-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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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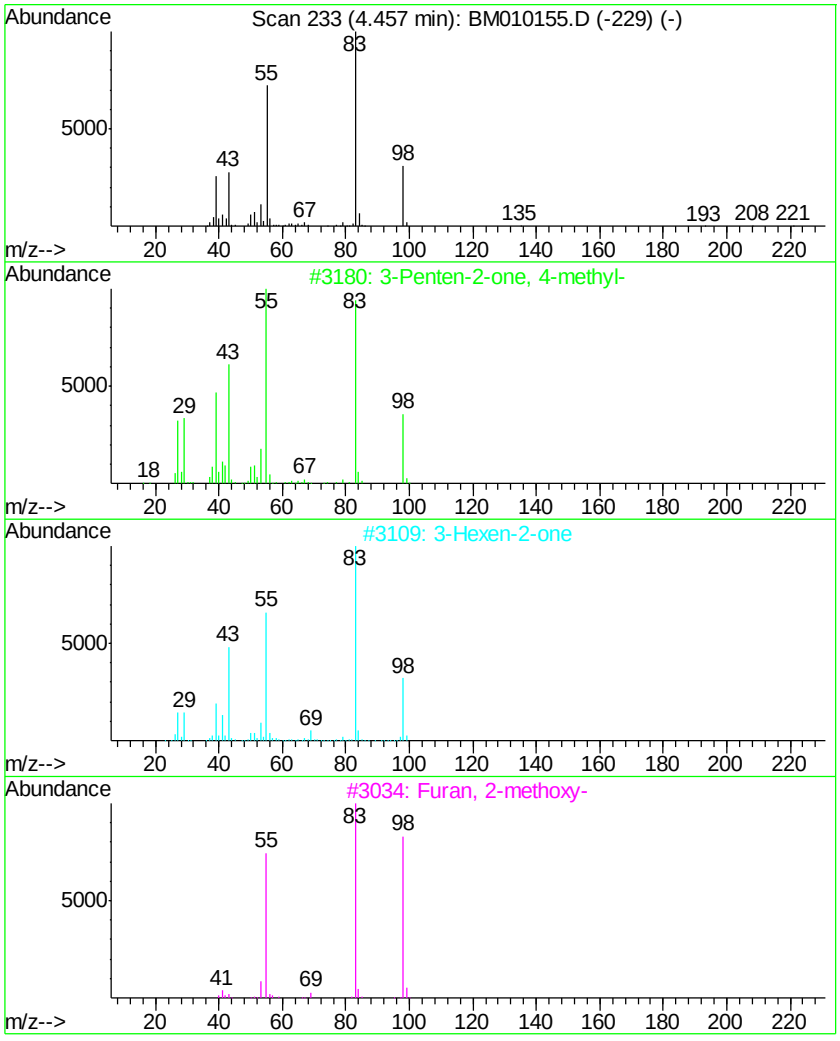
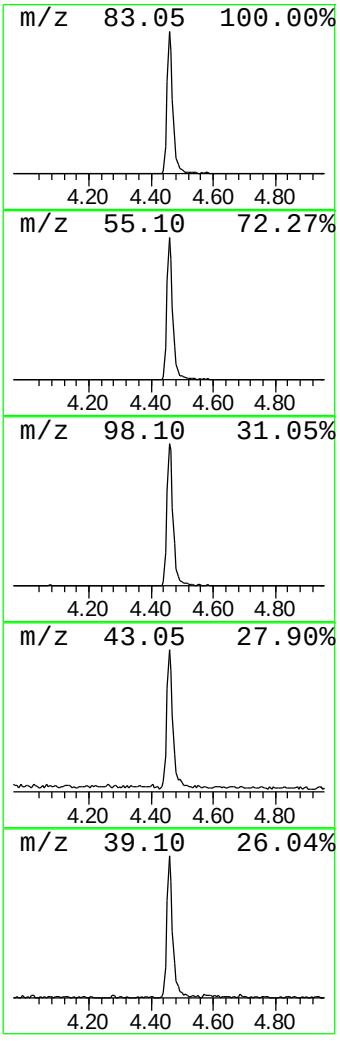
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	14.99 ng	599116	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010155.D
Acq On : 23 May 2017 23:35
Operator : SJ/MA
Sample : I3245-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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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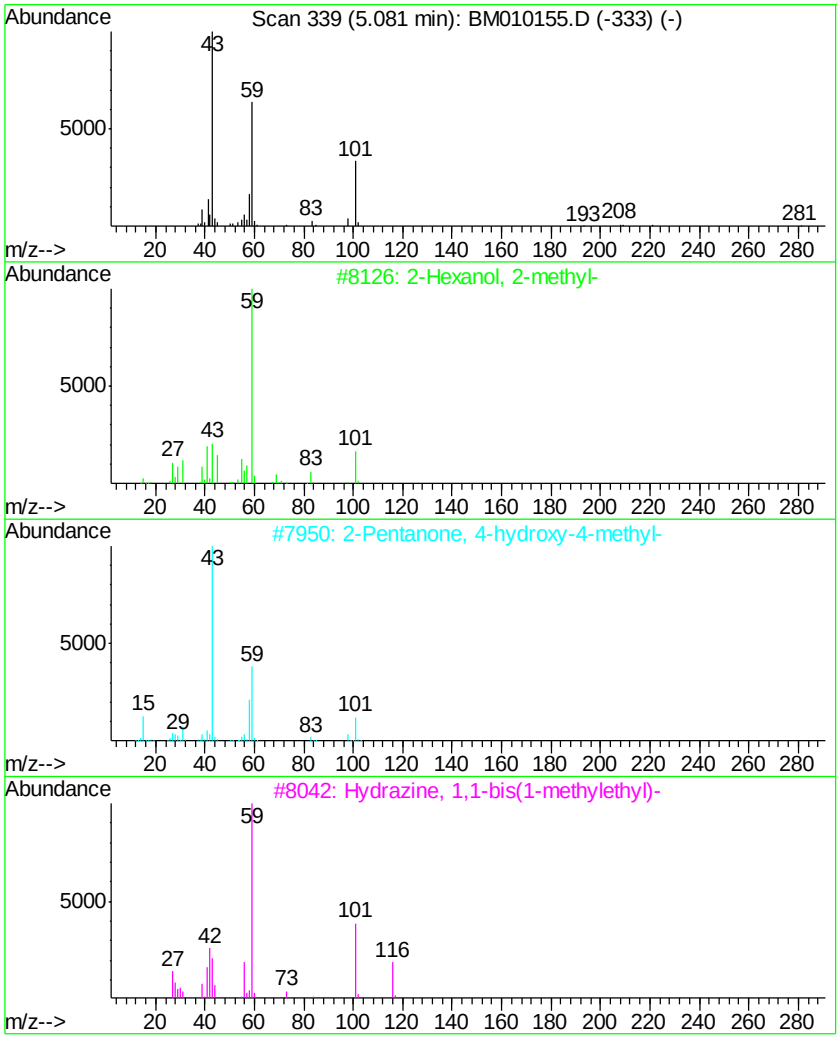
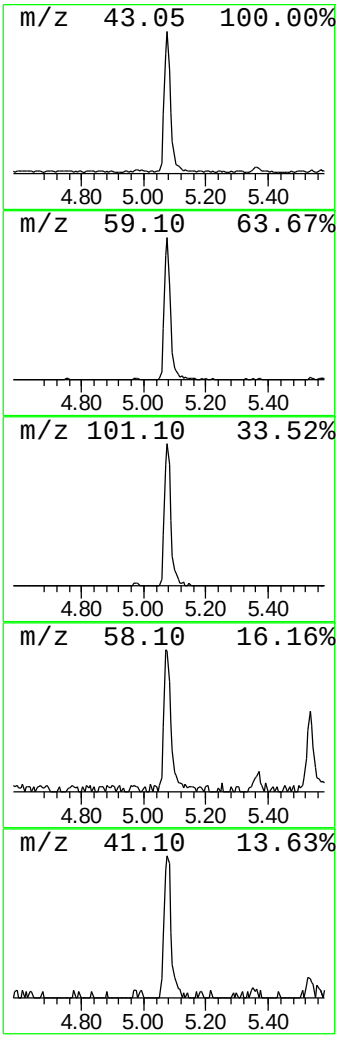
Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.27 ng	290657	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
4	Guanidine	59	CH5N3	000113-00-8	43
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35





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Operator : SJ/MA
Sample : I3245-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

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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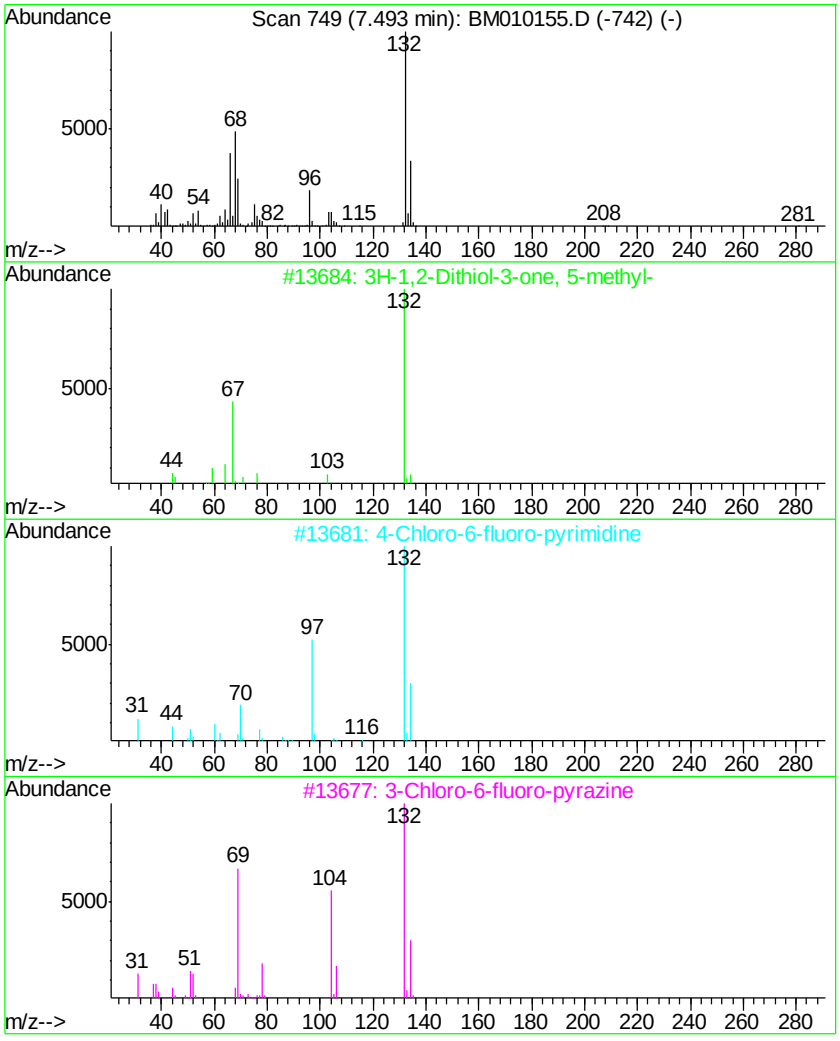
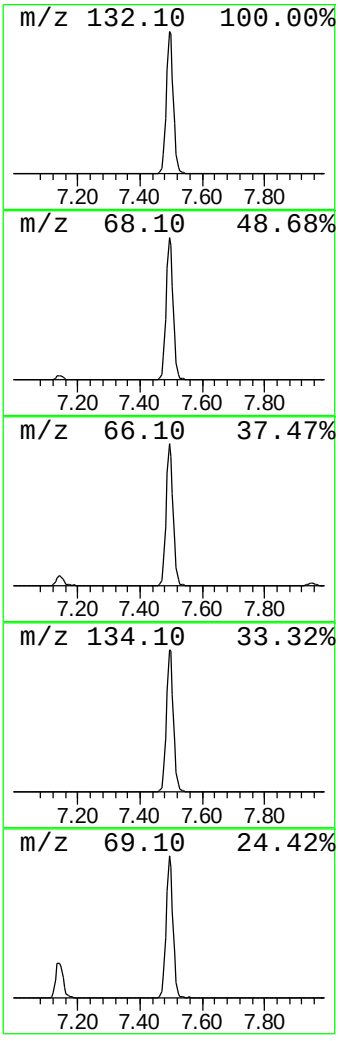
Peak Number 3 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	74.63 ng	2982490	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-X

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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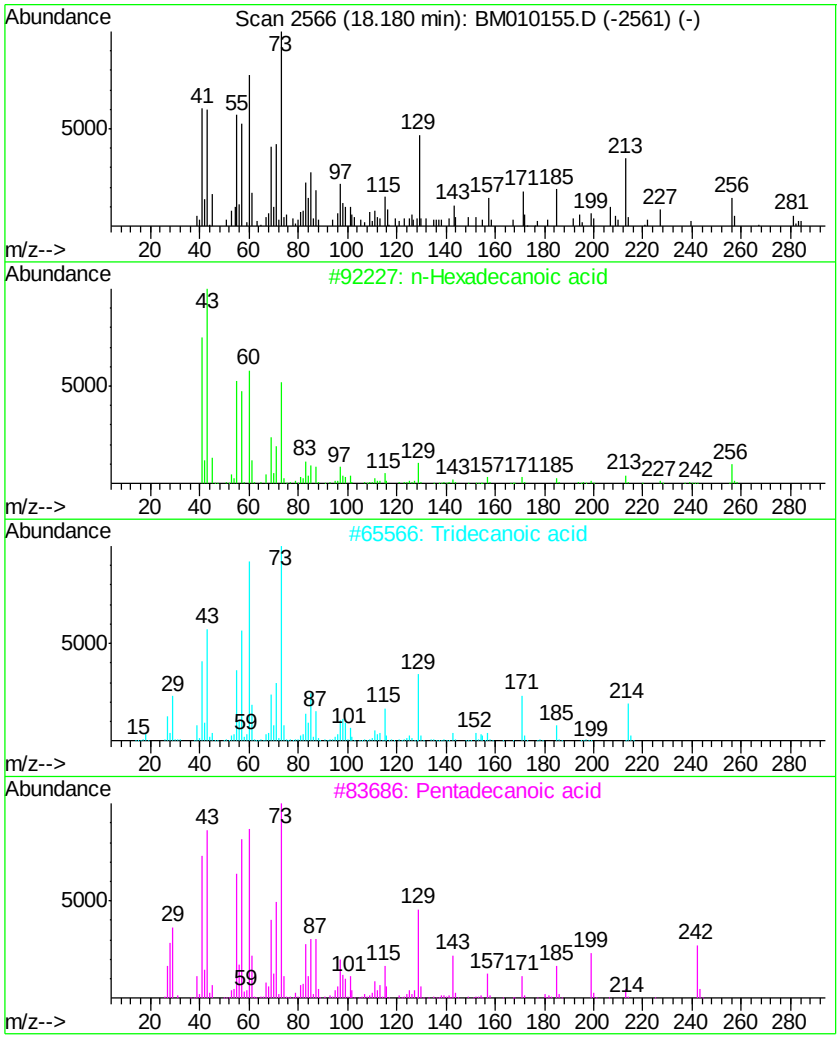
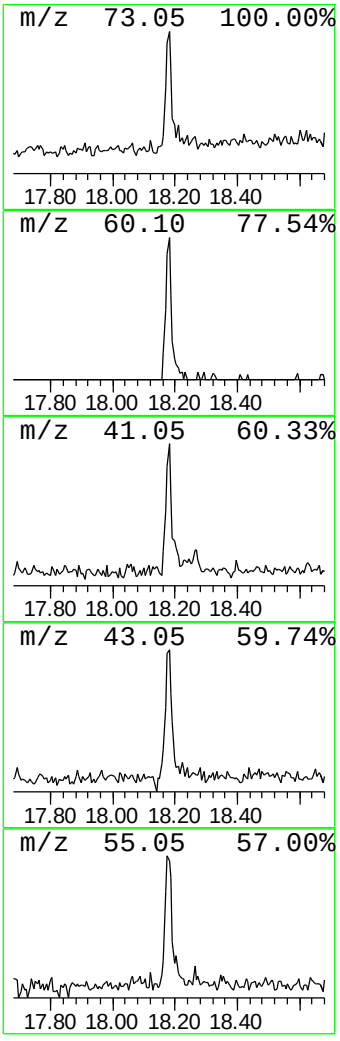
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.22 ng	187437	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.46	15.0	ng	599116	1	7.95	799270	20.0
2-Hexanol, 2-methyl-	5.08	7.3	ng	290657	1	7.95	799270	20.0
unknown7.49	7.49	74.6	ng	2982490	1	7.95	799270	20.0
n-Hexadecanoic acid	18.18	2.2	ng	187437	4	17.33	1686400	20.0