LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010141.D
Acq On : 23 May 2017 14:41
Operator : SJ/MA
Sample : I3281-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : R1-TP6-D1112

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	349	rBV	273449	392050	3.50%	0.718%
2	5.540	409	417	427	rBV	3051491	4295363	38.31%	7.870%
3	7.146	683	690	703	rBV	2721932	4248590	37.90%	7.784%
4	7.499	740	750	764	rBV	2980685	4585288	40.90%	8.401%
5	7.957	817	828	836	rBV	530871	861145	7.68%	1.578%
6	8.275	875	882	893	rVB	2181059	3637495	32.45%	6.664%
7	9.146	1021	1030	1038	rBV	1606648	2540097	22.66%	4.654%
8	10.763	1298	1305	1316	rBV	616394	1022171	9.12%	1.873%
9	13.210	1714	1721	1735	rVB	4473314	6338126	56.54%	11.612%
10	14.051	1858	1864	1872	rVB	623613	883614	7.88%	1.619%
11	14.592	1948	1956	1964	rBV2	878544	1379388	12.30%	2.527%
12	16.080	2201	2209	2222	rBV	3919469	5170608	46.12%	9.473%
13	17.333	2415	2422	2431	rBV	1234995	1807666	16.12%	3.312%
14	18.180	2560	2566	2574	rBV2	224268	344048	3.07%	0.630%
15	19.933	2859	2864	2870	rBV	9231815	11210938	100.00%	20.540%
16	21.492	3124	3129	3134	rBV	2235670	2754827	24.57%	5.047%
17	23.856	3525	3531	3543	rVB	1596019	3109162	27.73%	5.696%

Sum of corrected areas: 54580576

LSC Report - Integrated Chromatogram

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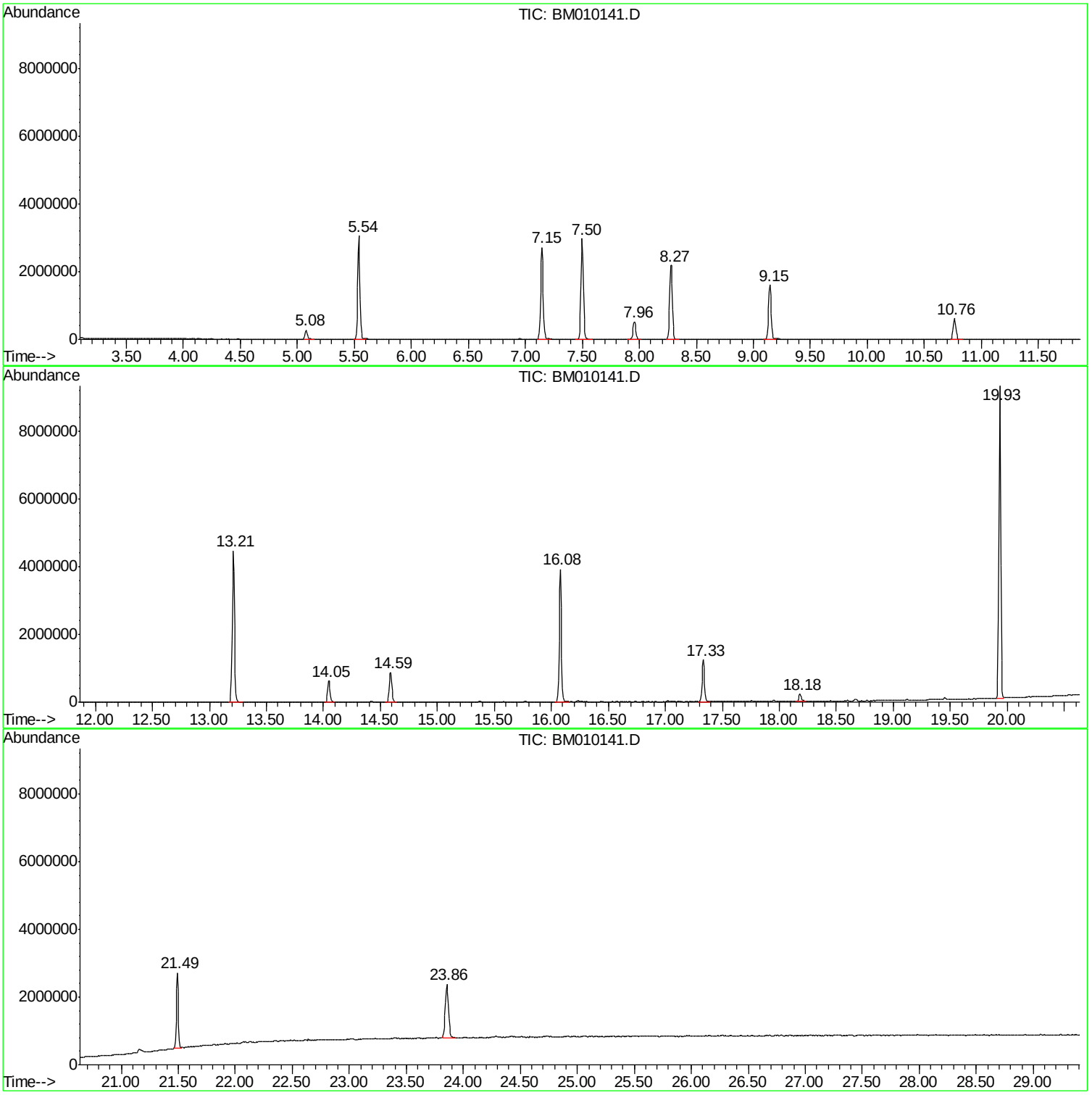
Instrument : BNA_M
ClientSampleId : R1-TP6-D1112

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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Instrument : BNA_M
ClientSampleId : R1-TP6-D1112

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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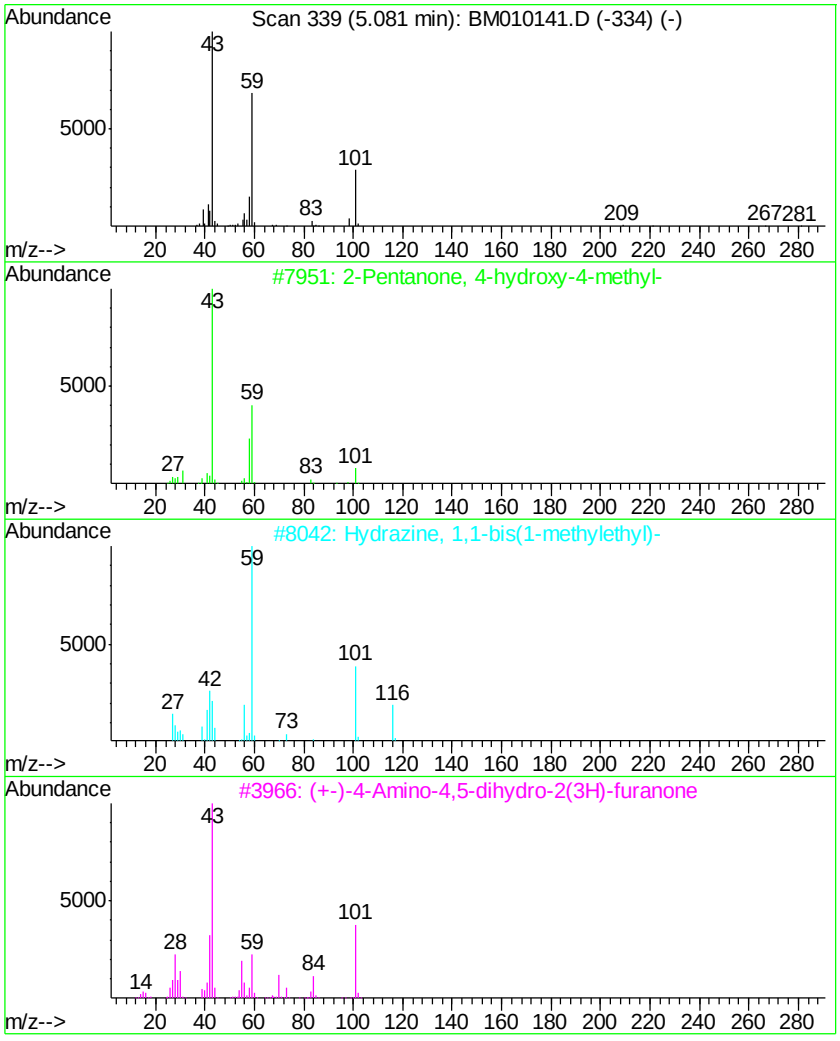
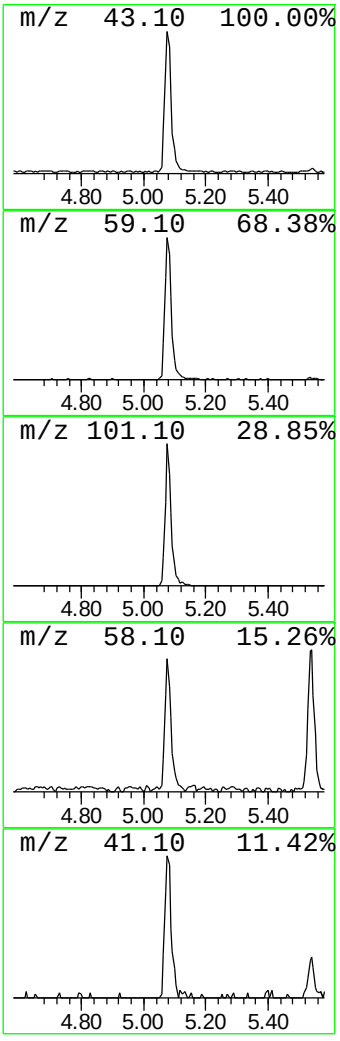
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	9.11 ng	392050	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
5	Dimethadione	129	C5H7NO3	000695-53-4	33





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Instrument : BNA_M
ClientSampleId : R1-TP6-D1112

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
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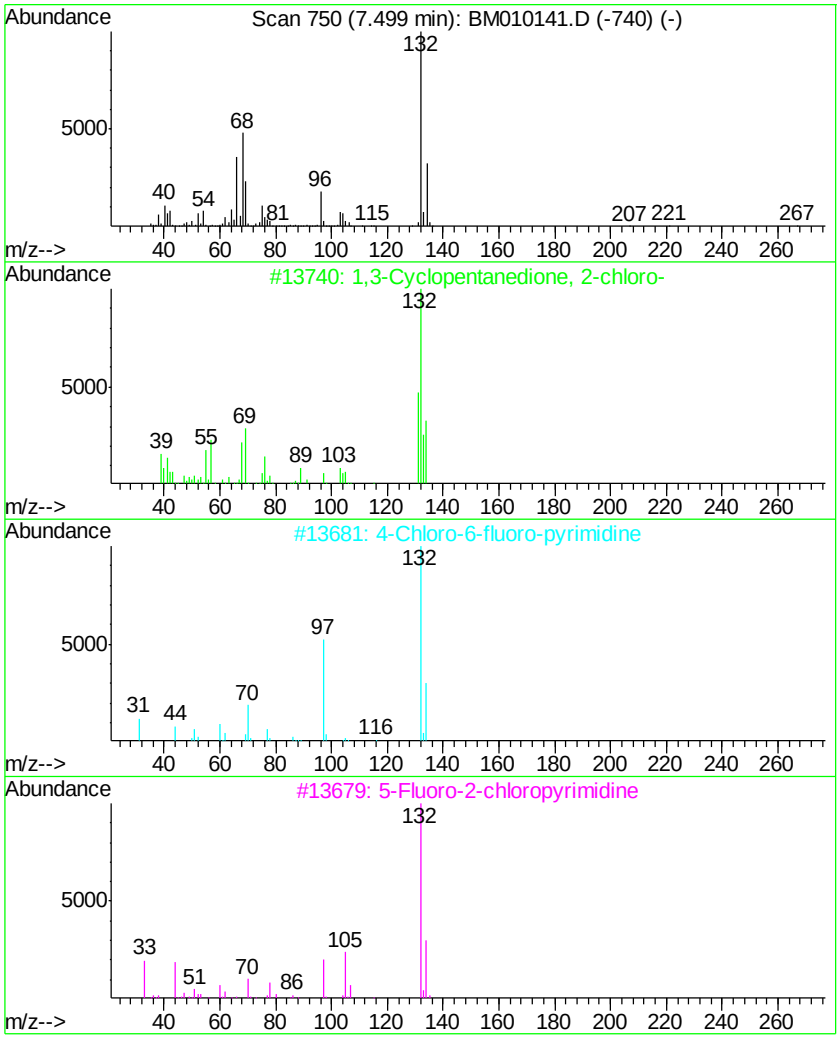
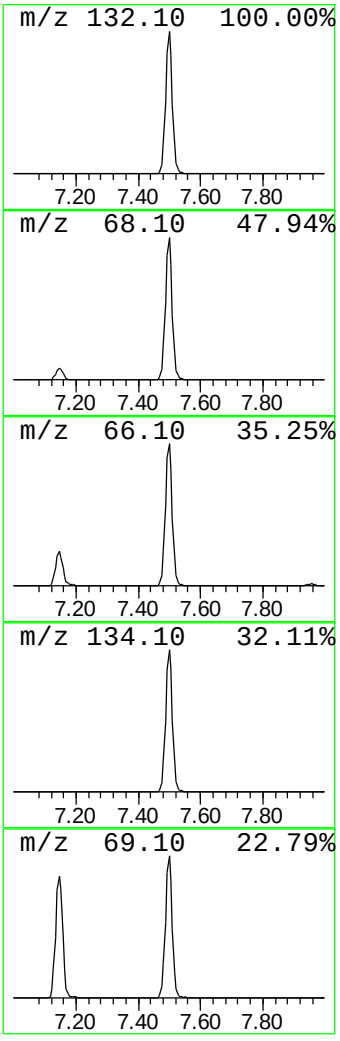
Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	106.49 ng	4585290	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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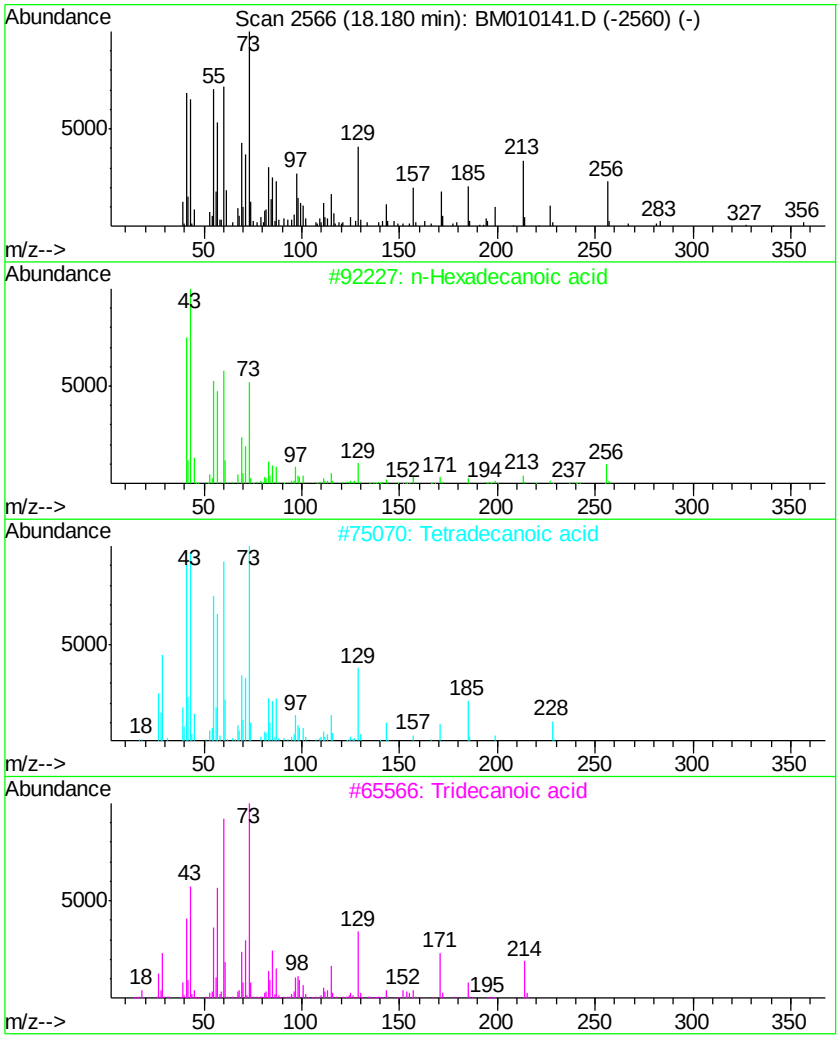
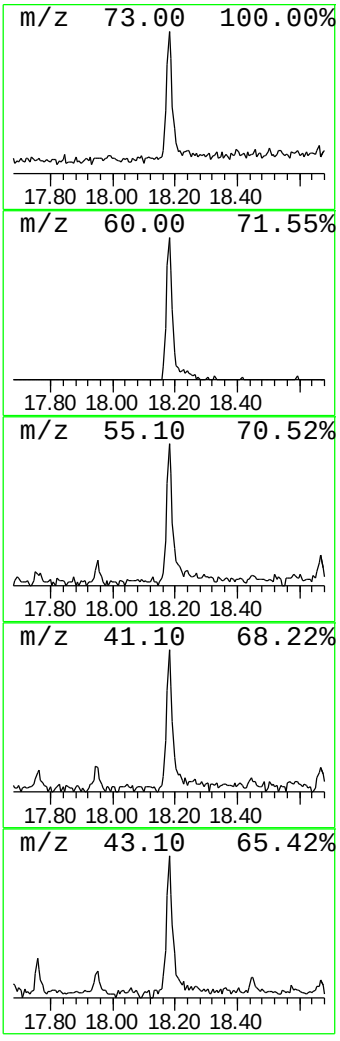
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.81 ng	344048	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.08	9.1	ng	392050	1	7.96	861145	20.0
unknown7.50	7.50	106.5	ng	4585290	1	7.96	861145	20.0
n-Hexadecanoic acid	18.18	3.8	ng	344048	4	17.33	1807670	20.0