LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010158.D
Acq On : 24 May 2017 01:23
Operator : SJ/MA
Sample : I3248-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-9-4.5-5

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	333	338	348	rBV	162505	238301	2.73%	0.535%
2	5.534	410	416	426	rBV	2327757	3344811	38.27%	7.506%
3	7.140	680	689	701	rBV	2103279	3364589	38.50%	7.551%
4	7.493	742	749	764	rBV	2261924	3569296	40.84%	8.010%
5	7.952	816	827	836	rBV	525867	832998	9.53%	1.869%
6	8.275	874	882	890	rBV	1743333	2758950	31.57%	6.192%
7	9.140	1023	1029	1040	rBV	1205702	1964539	22.48%	4.409%
8	10.763	1297	1305	1314	rBV	600650	1014490	11.61%	2.277%
9	13.210	1714	1721	1734	rVB	3335638	4781920	54.72%	10.732%
10	14.045	1858	1863	1870	rVB	368305	502897	5.75%	1.129%
11	14.586	1949	1955	1963	rVB2	907558	1384611	15.84%	3.107%
12	16.075	2202	2208	2222	rBV	2928030	4066121	46.52%	9.125%
13	17.333	2415	2422	2434	rBV2	1219367	1851645	21.19%	4.155%
14	18.180	2561	2566	2576	rBV	197636	298889	3.42%	0.671%
15	19.451	2778	2782	2788	rBV5	80973	124046	1.42%	0.278%
16	19.933	2858	2864	2872	rBV	7410659	8739661	100.00%	19.613%
17	21.492	3124	3129	3133	rBV	2084698	2730352	31.24%	6.127%
18	23.856	3525	3531	3541	rVB	1524215	2991344	34.23%	6.713%

Sum of corrected areas: 44559460

LSC Report - Integrated Chromatogram

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Misc :
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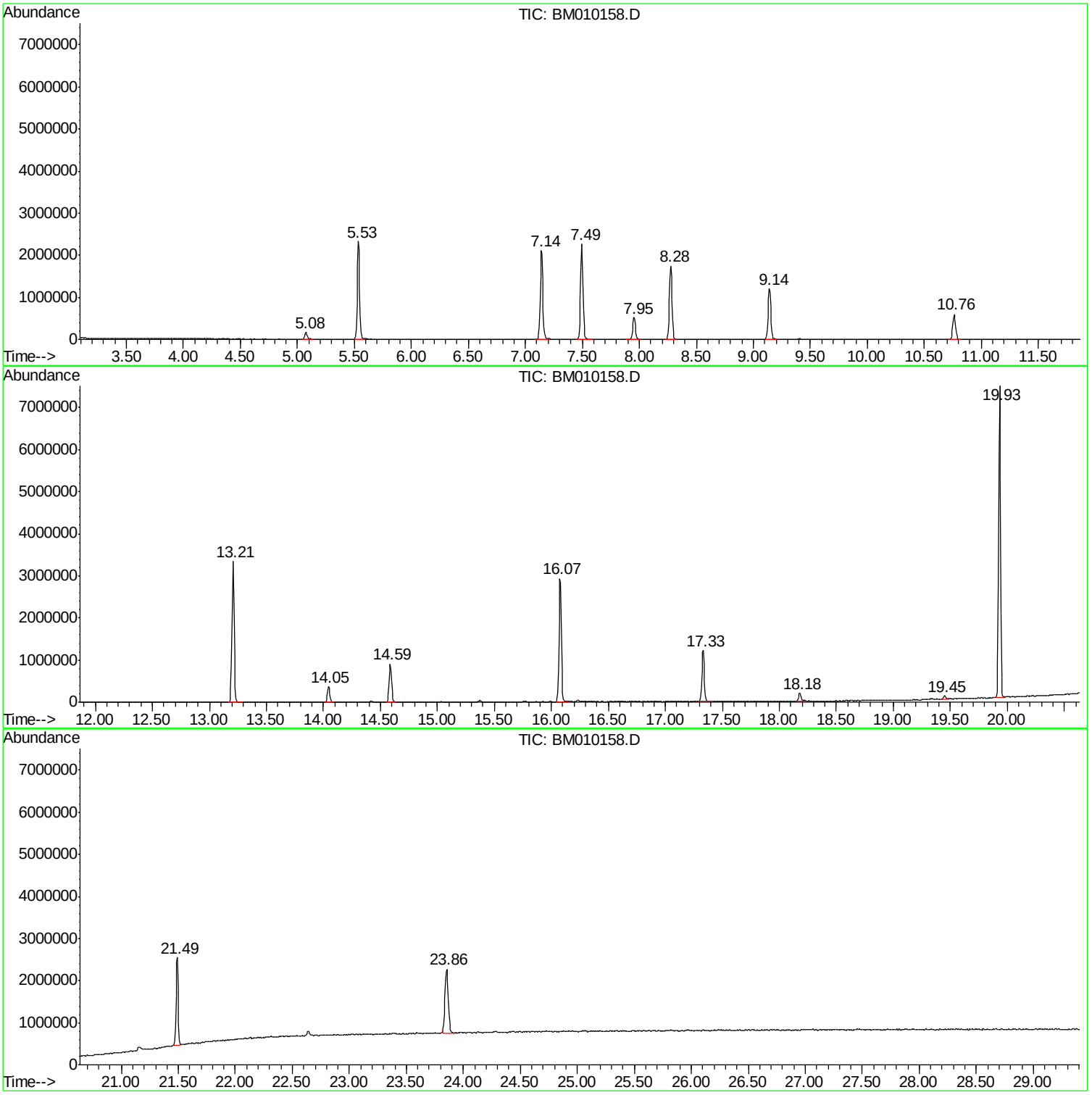
Instrument : BNA_M
ClientSampleId : SB-9-4.5-5

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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BNA_M
ClientSampleId :
SB-9-4.5-5

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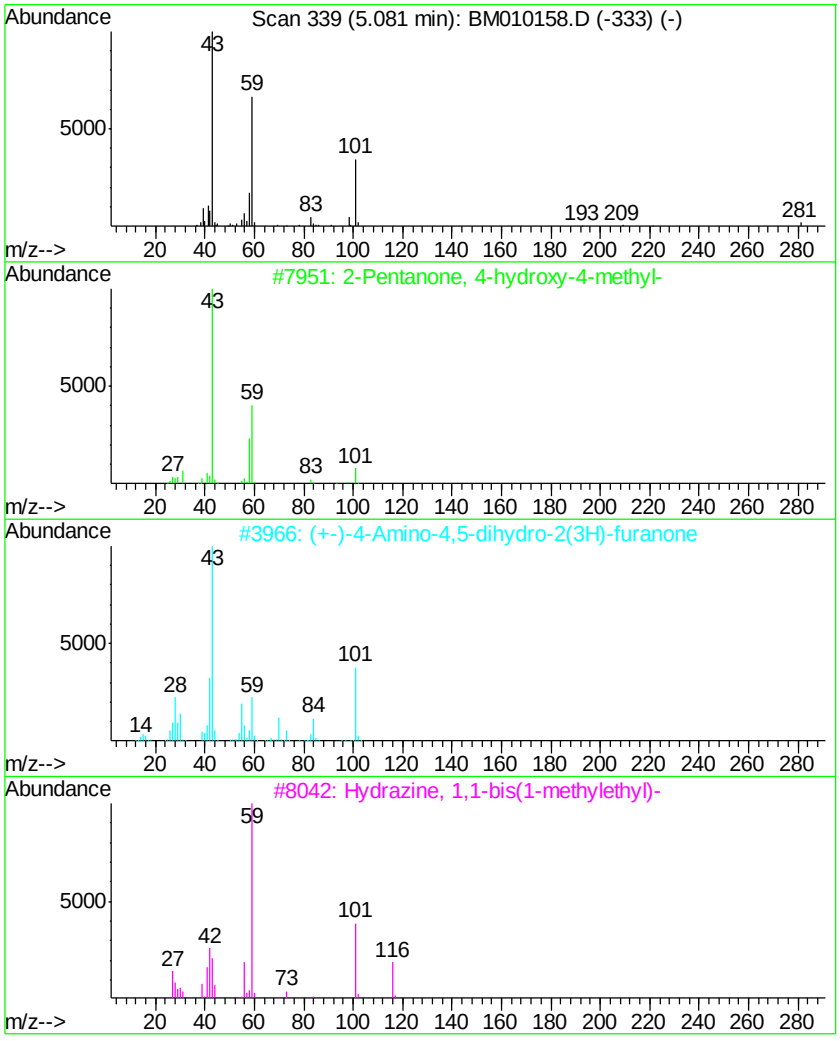
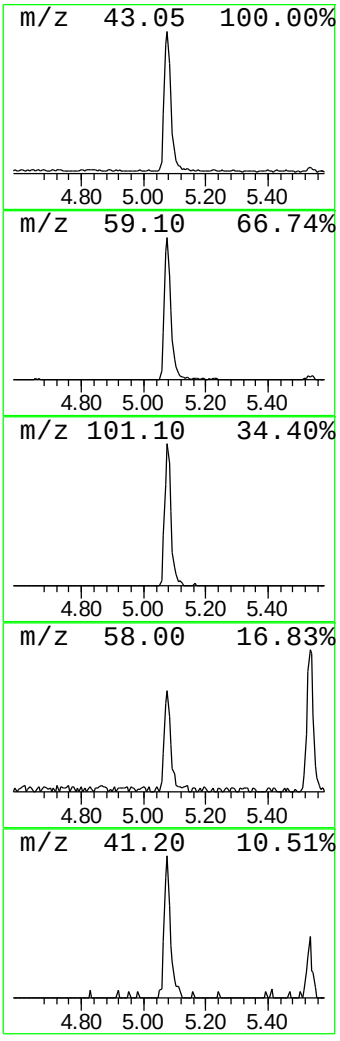
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.72 ng	238301	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
5	Dimethadione	129	C5H7NO3	000695-53-4	28





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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
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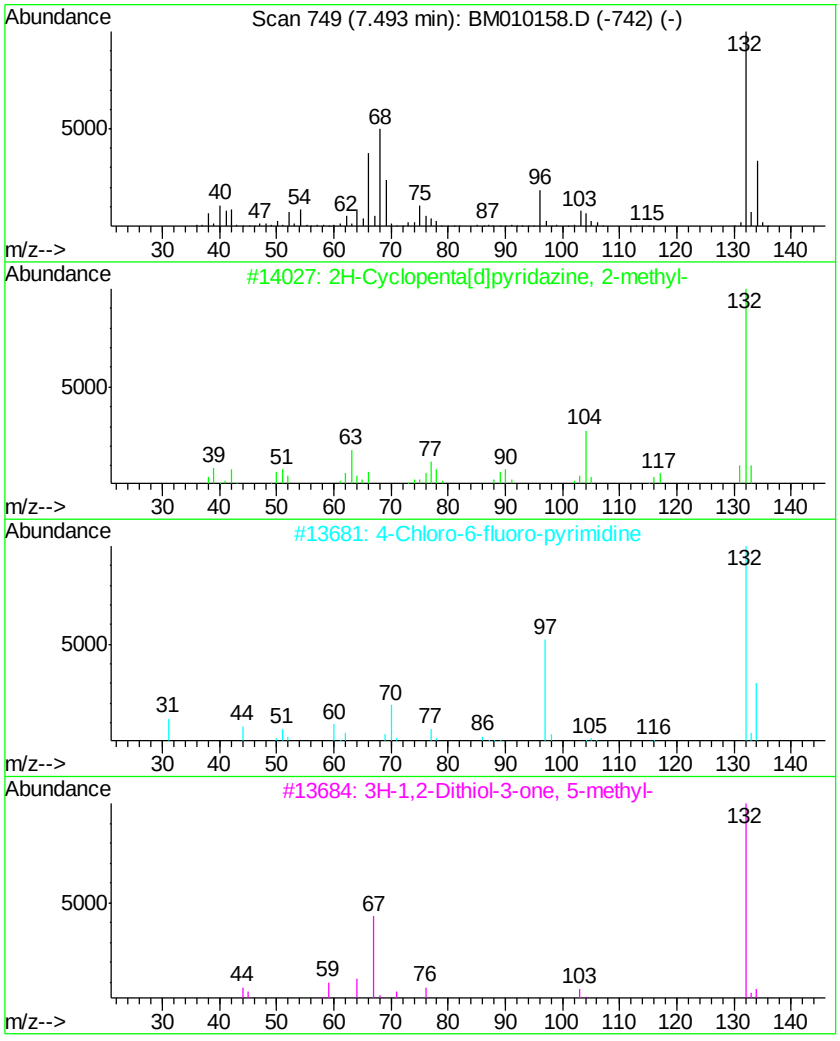
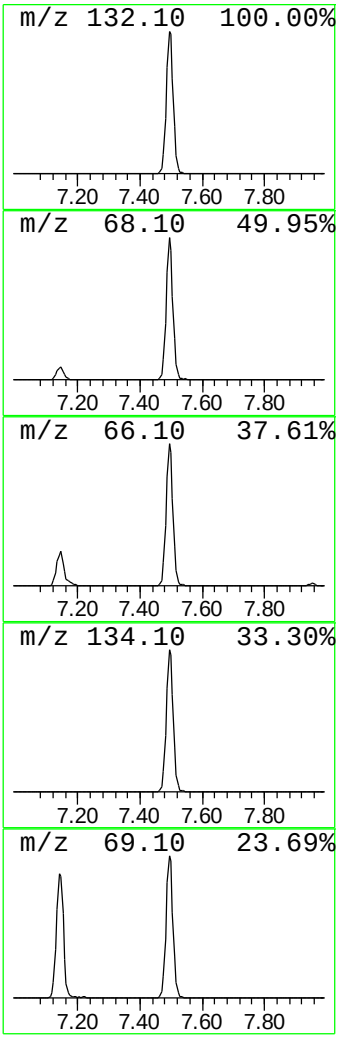
Peak Number 2 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	85.70 ng	3569300	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

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Data File : BM010158.D
Acq On : 24 May 2017 01:23
Operator : SJ/MA
Sample : I3248-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-9-4.5-5

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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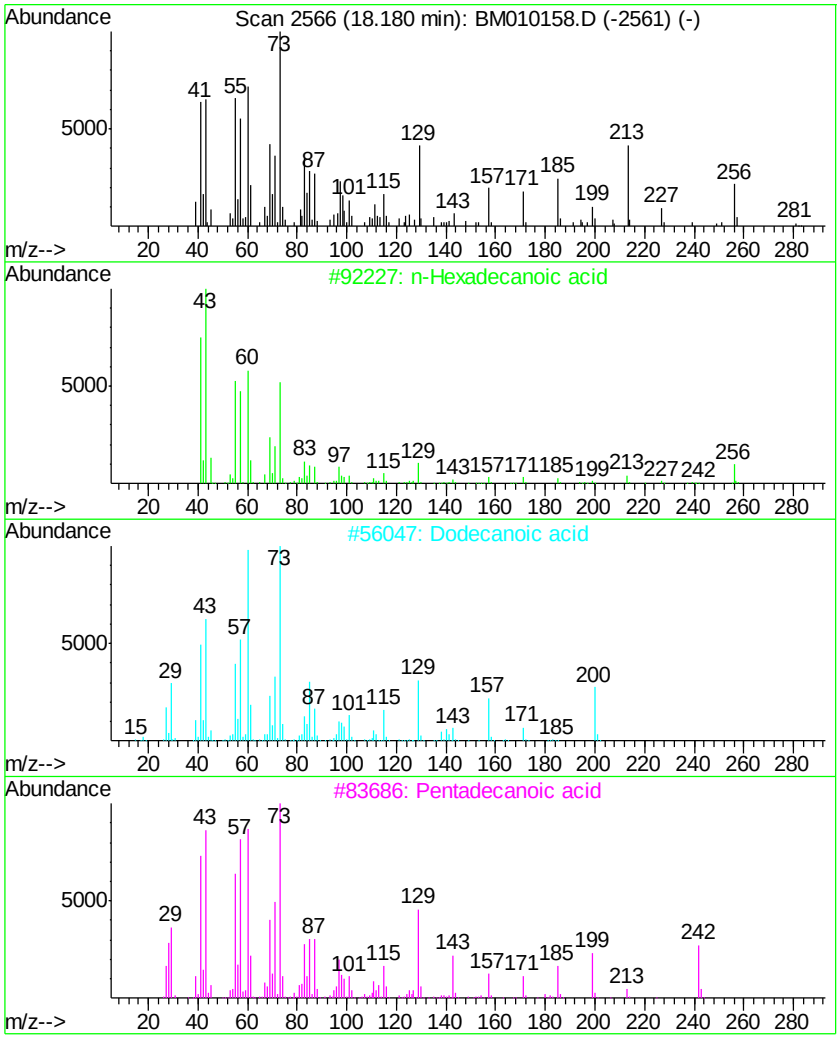
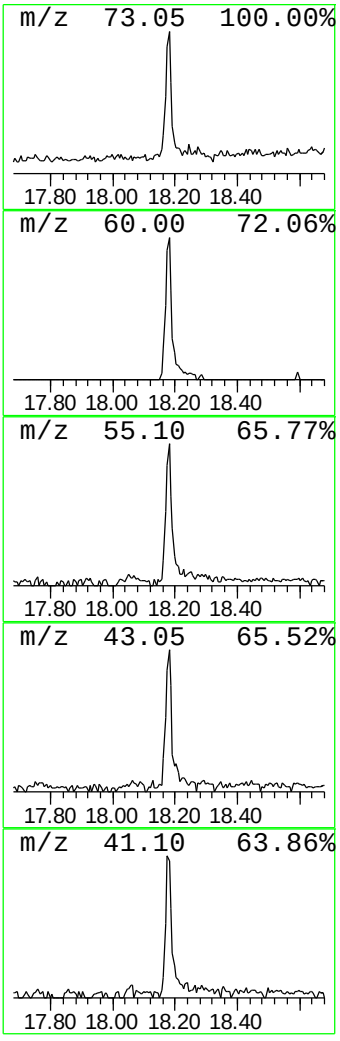
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.23 ng	298889	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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	5.7	ng	238301	1	7.95	832998	20.0
unknown7.49	7.49	85.7	ng	3569300	1	7.95	832998	20.0
n-Hexadecanoic acid	18.18	3.2	ng	298889	4	17.33	1851650	20.0