LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010125.D
Acq On : 23 May 2017 04:47
Operator : SJ/MA
Sample : I3222-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-22

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	5.081	334	339	348	rBV	208304	301539	3.62%	0.683%
2	5.540	411	417	428	rBV	2327671	3334565	40.05%	7.557%
3	7.145	684	690	708	rBV	2024184	3262514	39.18%	7.394%
4	7.498	743	750	762	rBV	2230644	3501503	42.05%	7.935%
5	7.957	822	828	841	rVB	556556	916987	11.01%	2.078%
6	8.281	874	883	892	rBV	1829588	2901329	34.85%	6.575%
7	9.145	1022	1030	1045	rBV	1181150	1960817	23.55%	4.444%
8	10.769	1297	1306	1313	rBV	669255	1082783	13.00%	2.454%
9	13.216	1714	1722	1731	rBV	3480443	5057875	60.75%	11.462%
10	14.051	1859	1864	1873	rBV	346827	470369	5.65%	1.066%
11	14.592	1949	1956	1966	rBV2	971855	1447984	17.39%	3.281%
12	16.080	2202	2209	2220	rBV	2638406	3608112	43.34%	8.177%
13	17.333	2416	2422	2432	rBV2	1196840	1811252	21.75%	4.105%
14	18.186	2562	2567	2577	rBV2	175375	276023	3.32%	0.626%
15	19.451	2778	2782	2787	rBV5	71730	123334	1.48%	0.279%
16	19.939	2859	2865	2871	rBV	6507125	8326049	100.00%	18.868%
17	21.492	3125	3129	3135	rBV	2198079	2677156	32.15%	6.067%
18	23.862	3525	3532	3540	rBV	1514685	3066569	36.83%	6.949%

Sum of corrected areas: 44126760

LSC Report - Integrated Chromatogram

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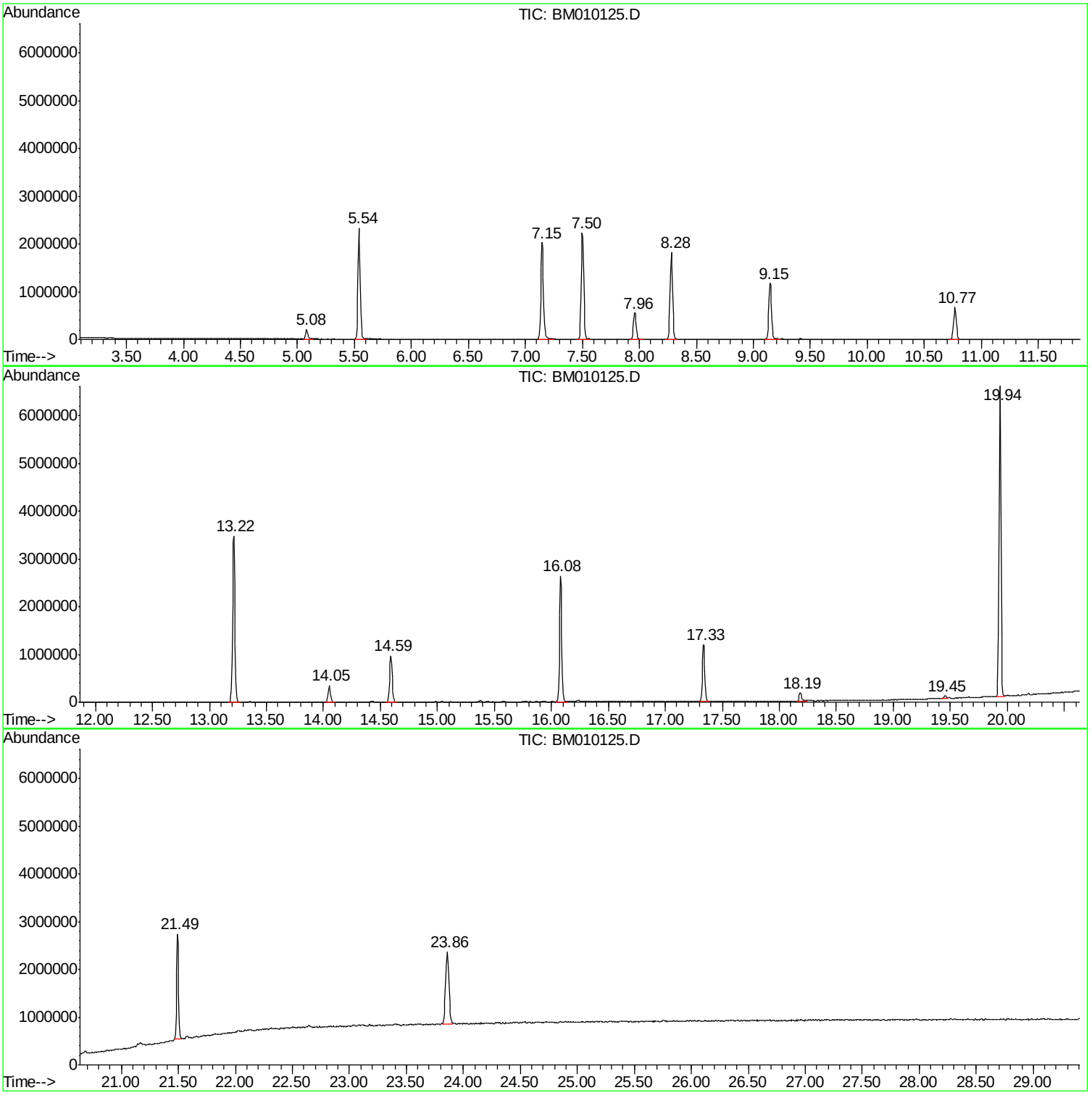
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-22

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010125.D
Acq On : 23 May 2017 04:47
Operator : SJ/MA
Sample : I3222-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-22

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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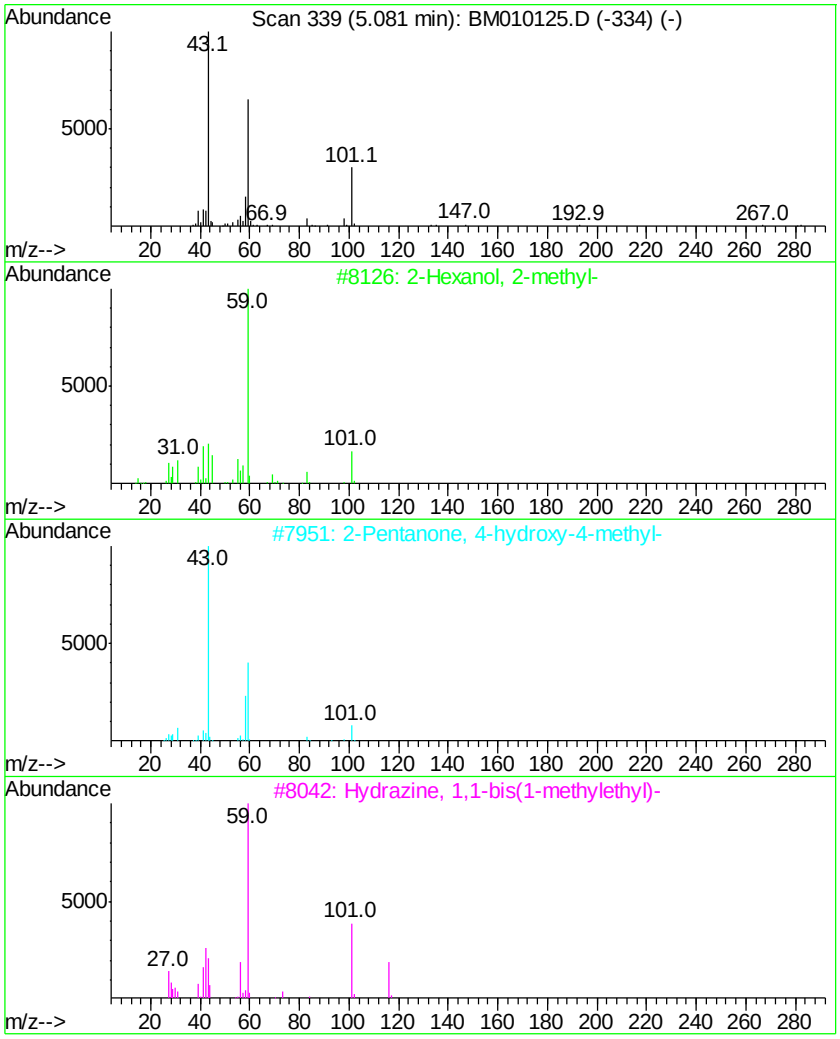
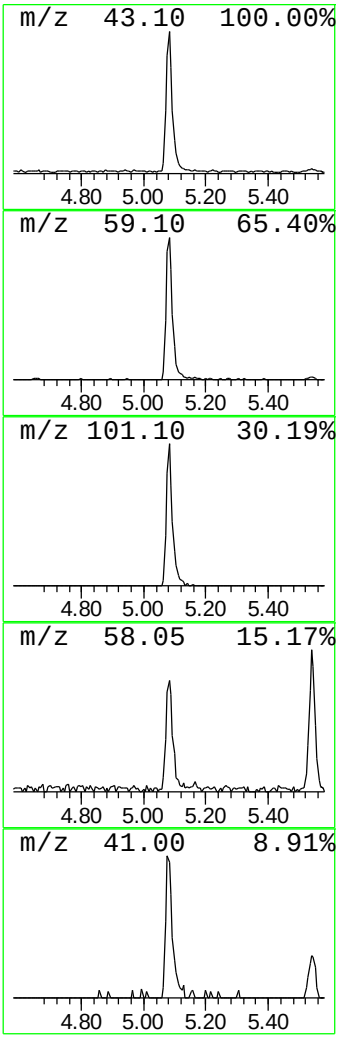
Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.58 ng	301539	1,4-Dichlorobenzene-d4	7.96

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	53
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
5	Dimethadione	129	C5H7NO3	000695-53-4	33





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Sample : I3222-12
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Instrument : BNA_M
ClientSampleId : EX-22

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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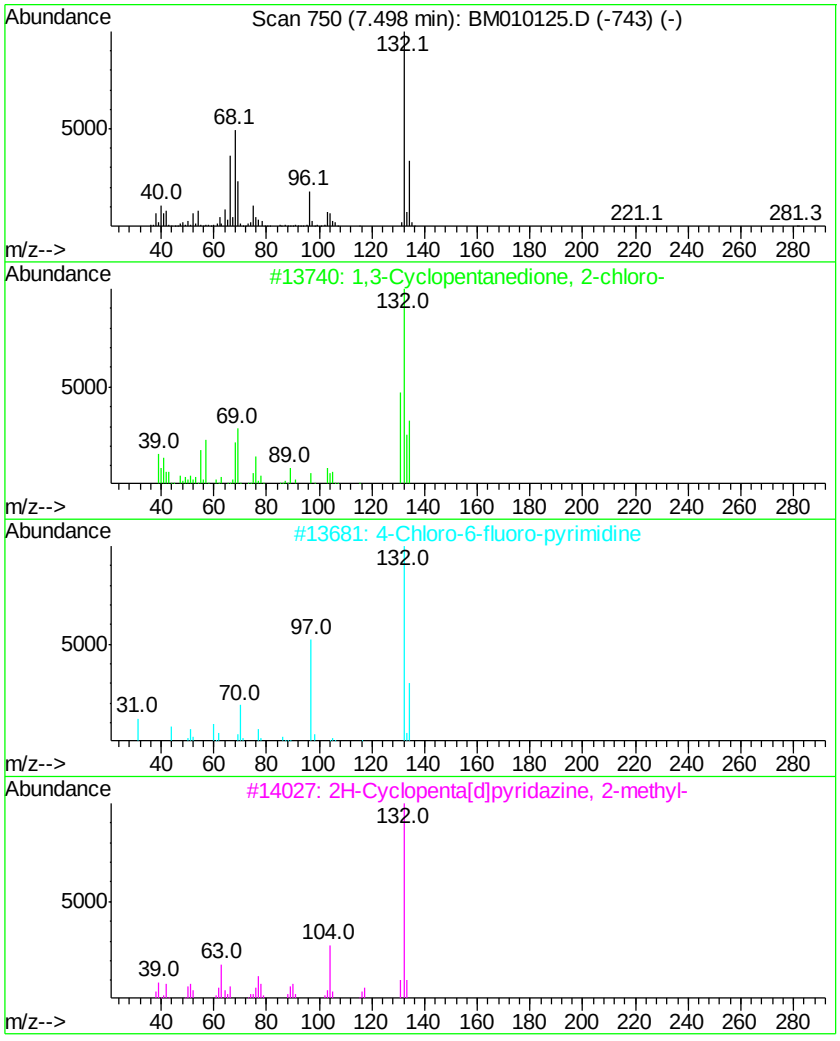
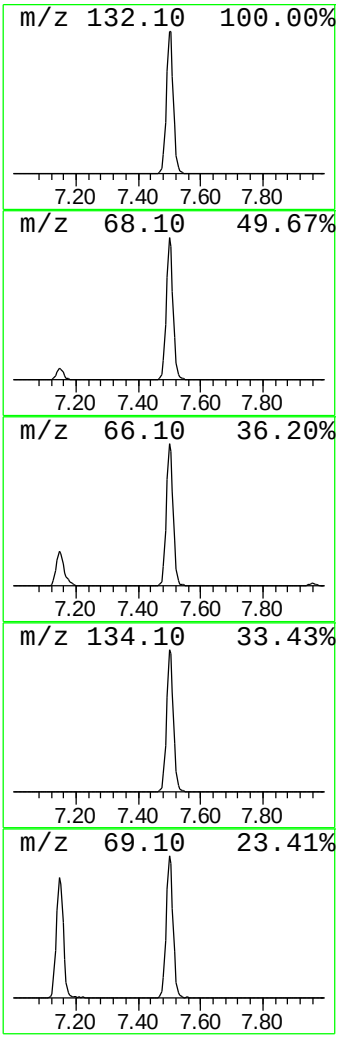
Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	76.37 ng	3501500	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	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
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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Operator : SJ/MA
Sample : I3222-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-22

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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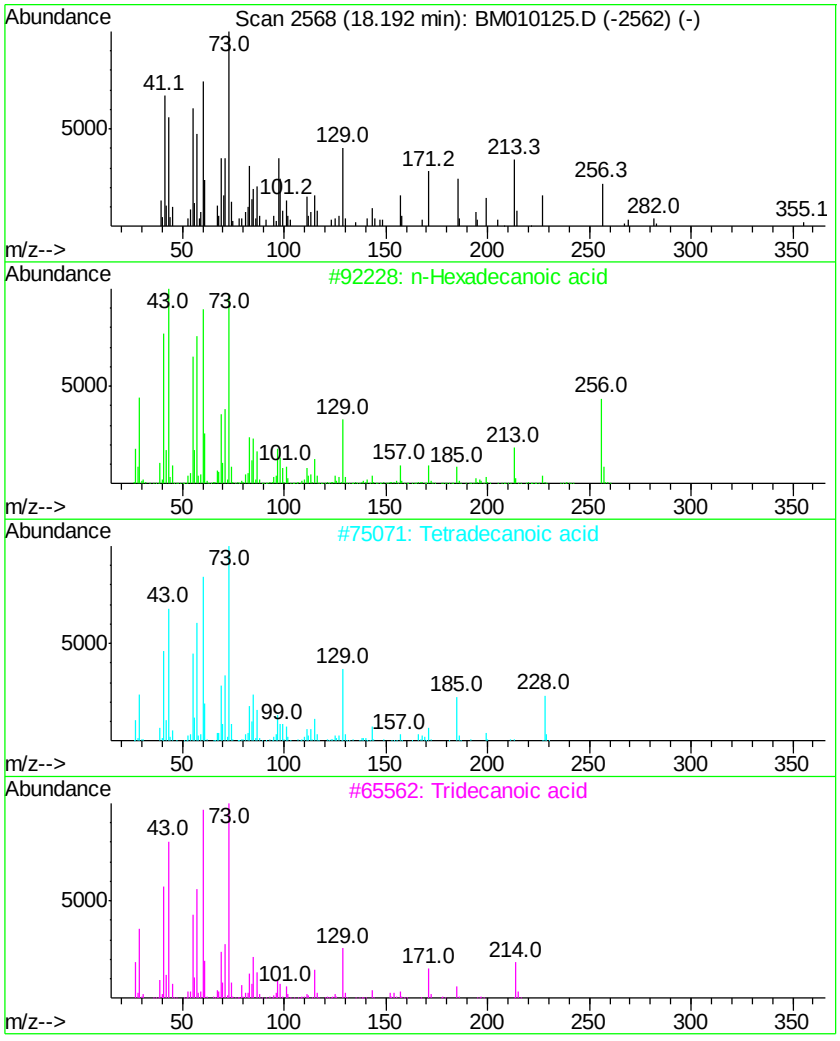
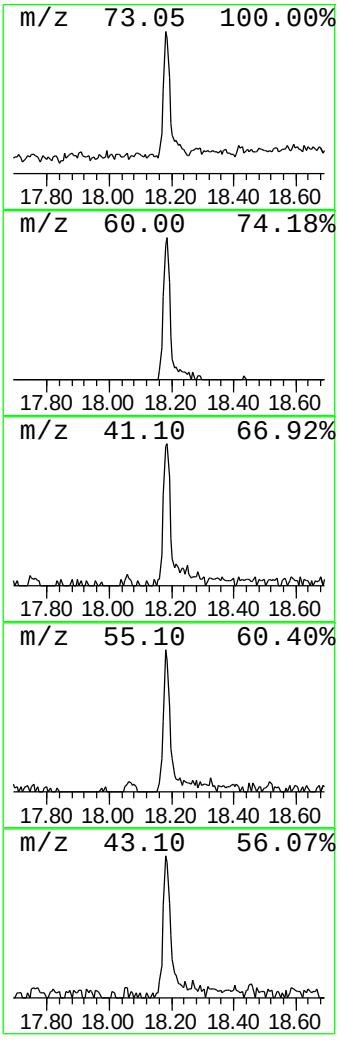
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.05 ng	276023	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	35





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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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
2-Hexanol, 2-methyl-	5.08	6.6	ng	301539	1	7.96	916987	20.0
unknown7.50	7.50	76.4	ng	3501500	1	7.96	916987	20.0
n-Hexadecanoic acid	18.19	3.0	ng	276023	4	17.33	1811250	20.0