LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010128.D
Acq On : 23 May 2017 06:35
Operator : SJ/MA
Sample : I3222-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-24

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	349	rBV	221902	317863	4.20%	0.728%
2	5.540	411	417	426	rBV	2520139	3576863	47.27%	8.187%
3	7.146	683	690	706	rBV	2187815	3519043	46.51%	8.054%
4	7.498	743	750	762	rBV	2363816	3754749	49.62%	8.594%
5	7.957	822	828	837	rBV	584174	906494	11.98%	2.075%
6	8.281	875	883	893	rBV	1846862	2936279	38.81%	6.720%
7	9.145	1023	1030	1041	rBV	1302541	2089013	27.61%	4.781%
8	10.769	1299	1306	1314	rBV	635183	1069130	14.13%	2.447%
9	13.210	1711	1721	1730	rBV	3179950	4722102	62.41%	10.808%
10	14.051	1859	1864	1872	rBV	266283	342520	4.53%	0.784%
11	14.592	1949	1956	1965	rBV2	900816	1392972	18.41%	3.188%
12	16.080	2203	2209	2222	rBV	2887468	3813467	50.40%	8.728%
13	17.333	2416	2422	2430	rBV2	1190863	1760821	23.27%	4.030%
14	18.180	2562	2566	2577	rBV2	149048	235601	3.11%	0.539%
15	19.933	2859	2864	2871	rBV	6268190	7566285	100.00%	17.317%
16	21.492	3125	3129	3134	rBV	2151044	2641510	34.91%	6.046%
17	23.862	3525	3532	3540	rVB2	1502319	3046884	40.27%	6.974%

Sum of corrected areas: 43691596

LSC Report - Integrated Chromatogram

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Misc :
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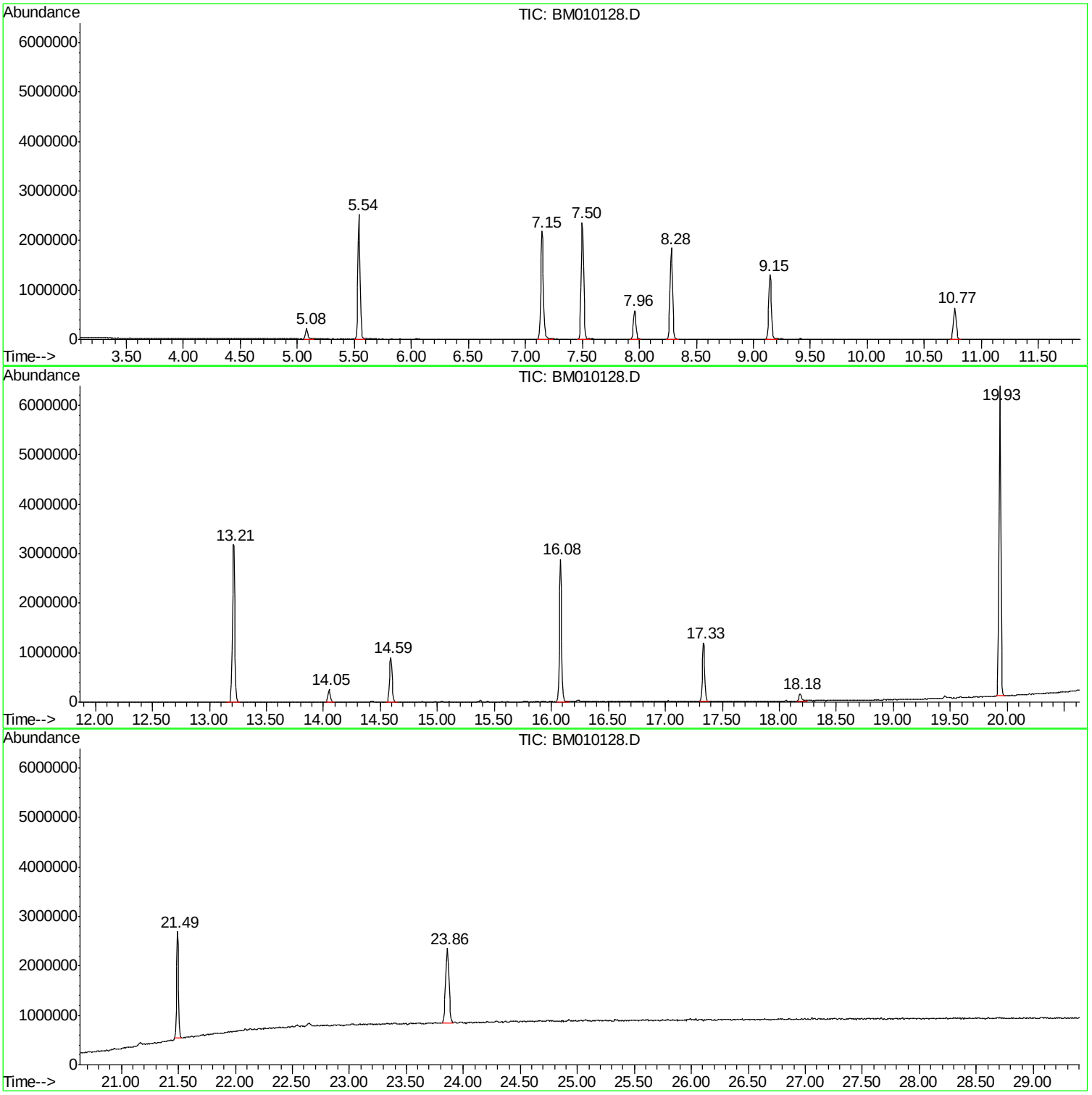
Instrument : BNA_M
ClientSampleId : EX-24

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

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Sample : I3222-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX-24

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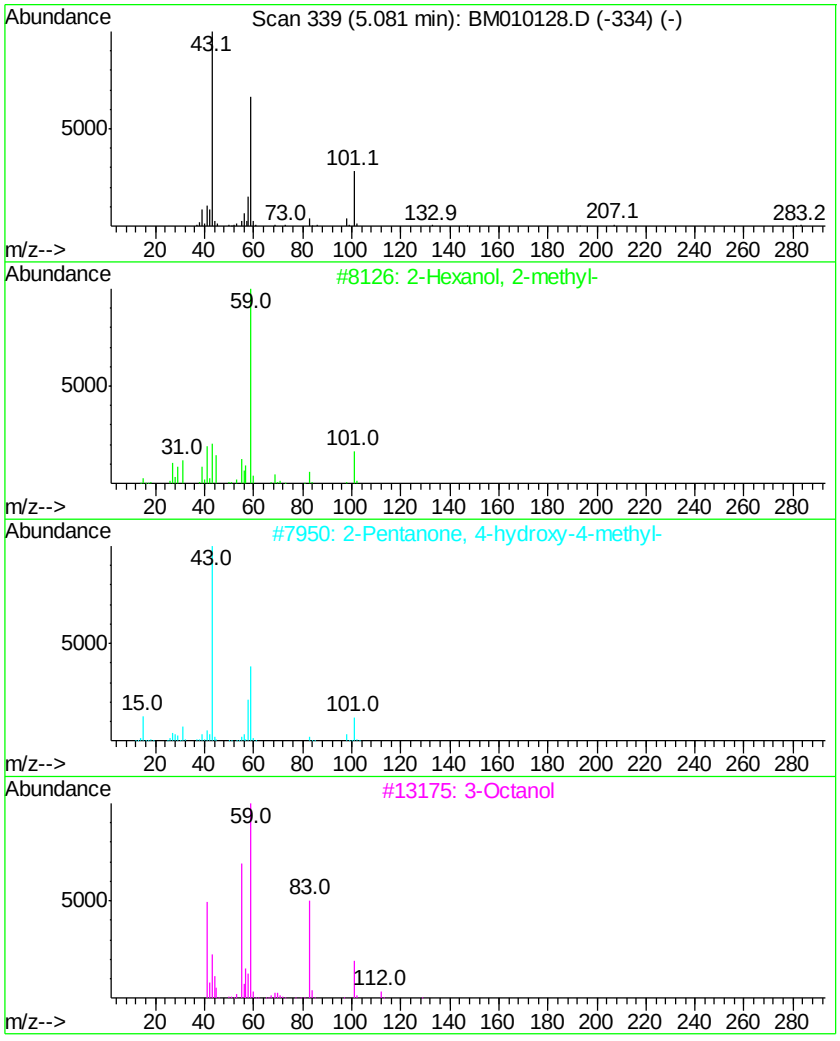
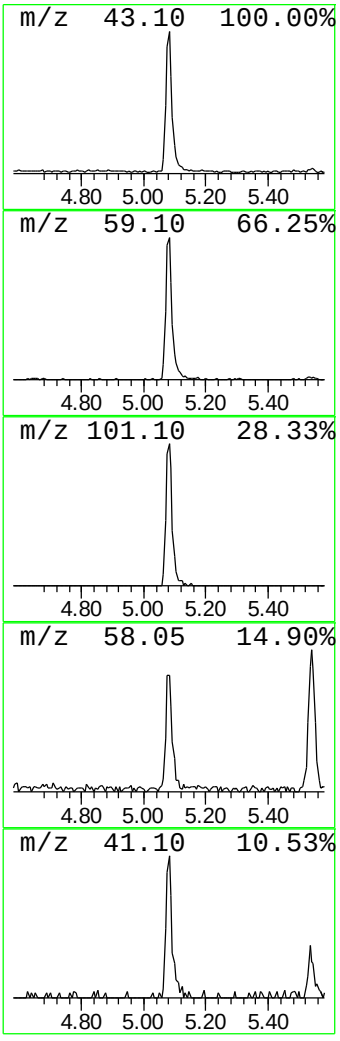
Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.01 ng	317863	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	50
3	3-Octanol	130	C8H18O	020296-29-1	33
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	3-Heptadecanol	256	C17H36O	084534-30-5	25





Library Search Compound Report

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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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TIC Library : C:\DATABASE\NIST02.L
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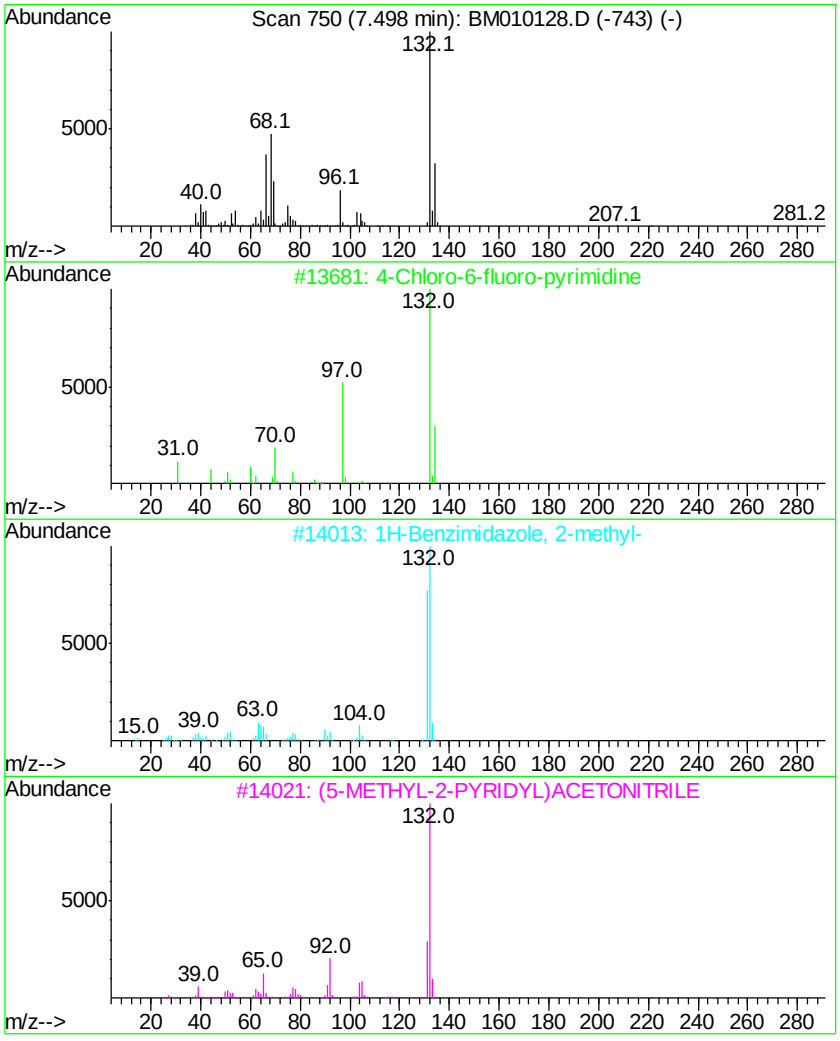
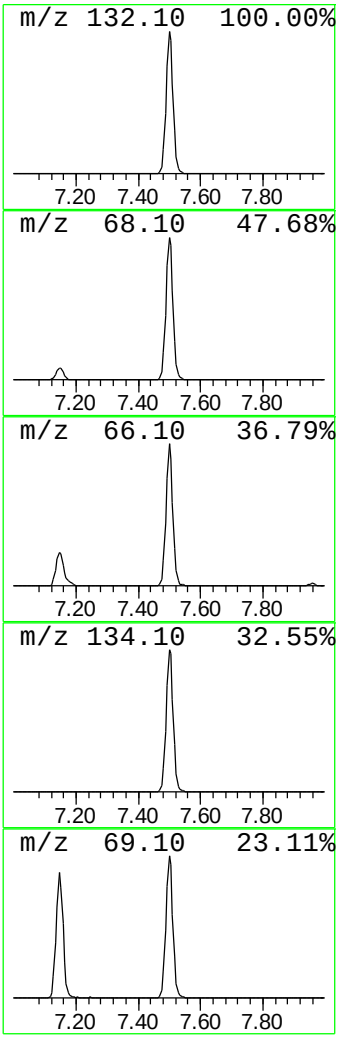
Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	82.84 ng	3754750	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-24

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TIC Library : C:\DATABASE\NIST02.L
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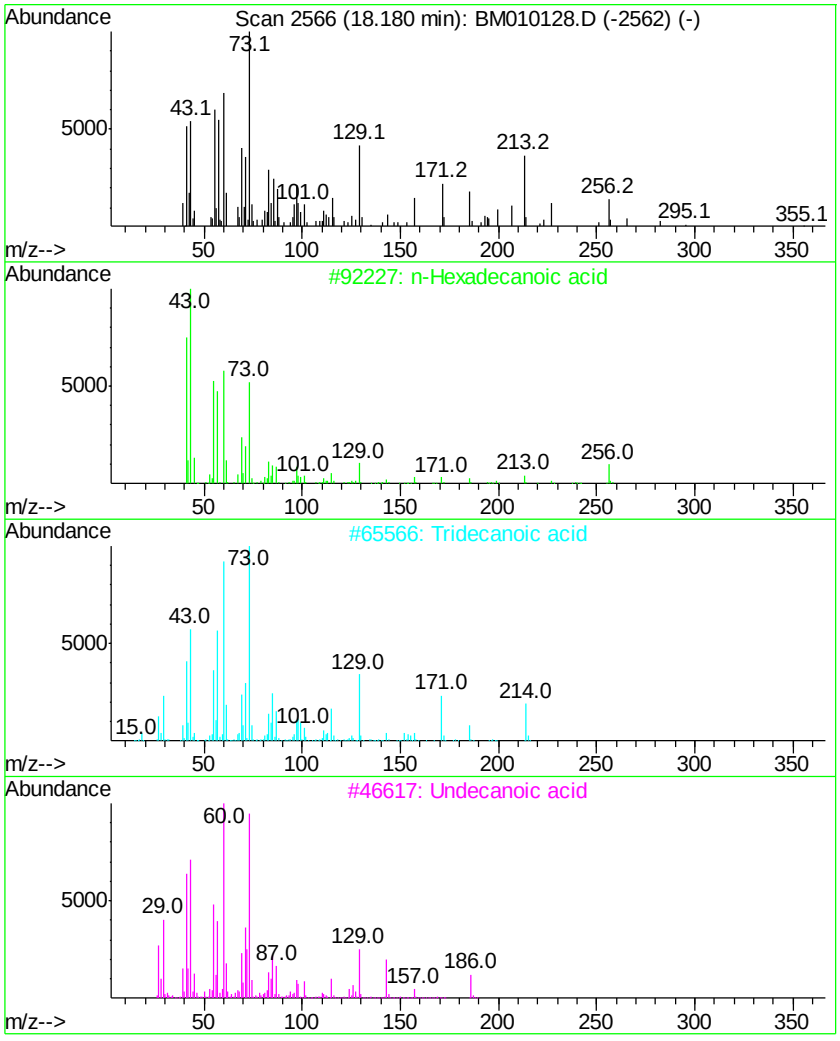
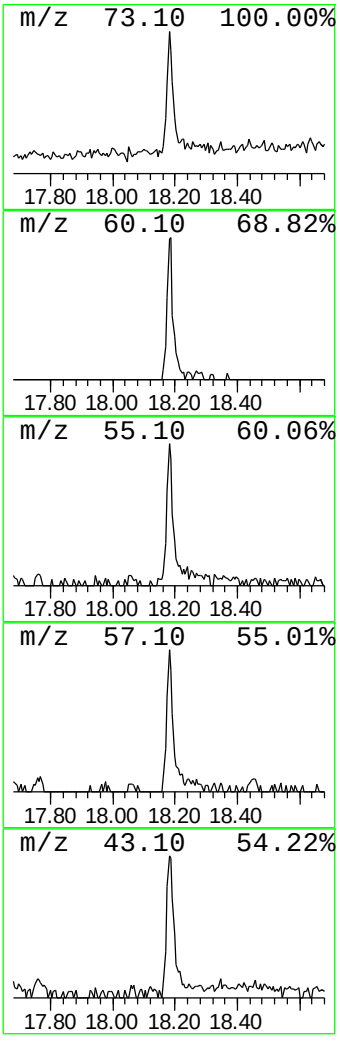
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.68 ng	235601	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Tentatively Identified Compound (LSC) summary

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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	7.0	ng	317863	1	7.96	906494	20.0
unknown7.50	7.50	82.8	ng	3754750	1	7.96	906494	20.0
n-Hexadecanoic acid	18.18	2.7	ng	235601	4	17.33	1760820	20.0