LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024161.D
Acq On : 30 Sep 2016 16:10
Operator : UM/SJ
Sample : H5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-71-092816

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_G\METHODS\8270-BG092316.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	5.100	381	385	393	rVB2	129700	196227	3.47%	0.898%
2	5.581	462	467	480	rBV	777820	1347383	23.83%	6.163%
3	7.203	737	743	759	rBV	714238	1371970	24.26%	6.275%
4	7.567	798	805	817	rVB	843866	1516782	26.83%	6.938%
5	8.031	879	884	891	rBV	150261	254022	4.49%	1.162%
6	8.354	932	939	948	rBV	651782	1146975	20.29%	5.246%
7	9.212	1078	1085	1098	rBV	541965	1055628	18.67%	4.828%
8	10.862	1359	1366	1373	rBV	185458	384461	6.80%	1.759%
9	10.915	1373	1375	1386	rVB3	43065	84113	1.49%	0.385%
10	13.318	1777	1784	1800	rBV	1515339	2443622	43.22%	11.177%
11	14.164	1922	1928	1936	rBV	81934	140885	2.49%	0.644%
12	14.710	2011	2021	2029	rBV	366896	609024	10.77%	2.786%
13	16.208	2270	2276	2294	rBV	1492217	2404736	42.53%	10.999%
14	17.477	2485	2492	2508	rBV2	535042	941892	16.66%	4.308%
15	18.352	2636	2641	2651	rBV5	41733	95585	1.69%	0.437%
16	19.615	2852	2856	2862	rBV6	36589	61560	1.09%	0.282%
17	20.079	2930	2935	2942	rBV	4190241	5654249	100.00%	25.862%
18	21.777	3218	3224	3235	rBV	668850	1235331	21.85%	5.650%
19	25.114	3781	3792	3804	rBV3	294919	918304	16.24%	4.200%

Sum of corrected areas: 21862749

LSC Report - Integrated Chromatogram

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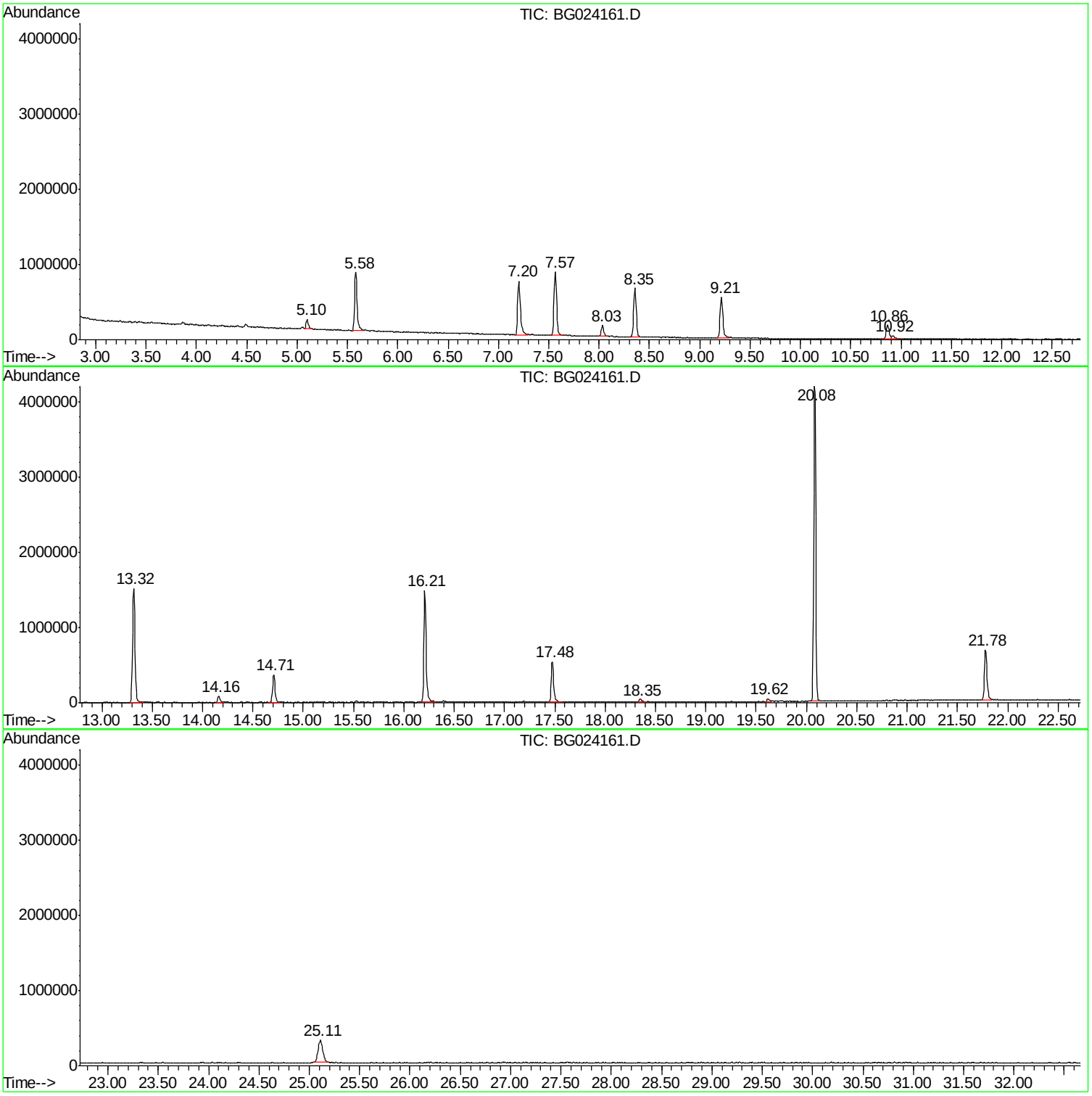
Instrument :
BNA_G
ClientSampleId :
HSR-WC-71-092816

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Acq On : 30 Sep 2016 16:10
Operator : UM/SJ
Sample : H5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-71-092816

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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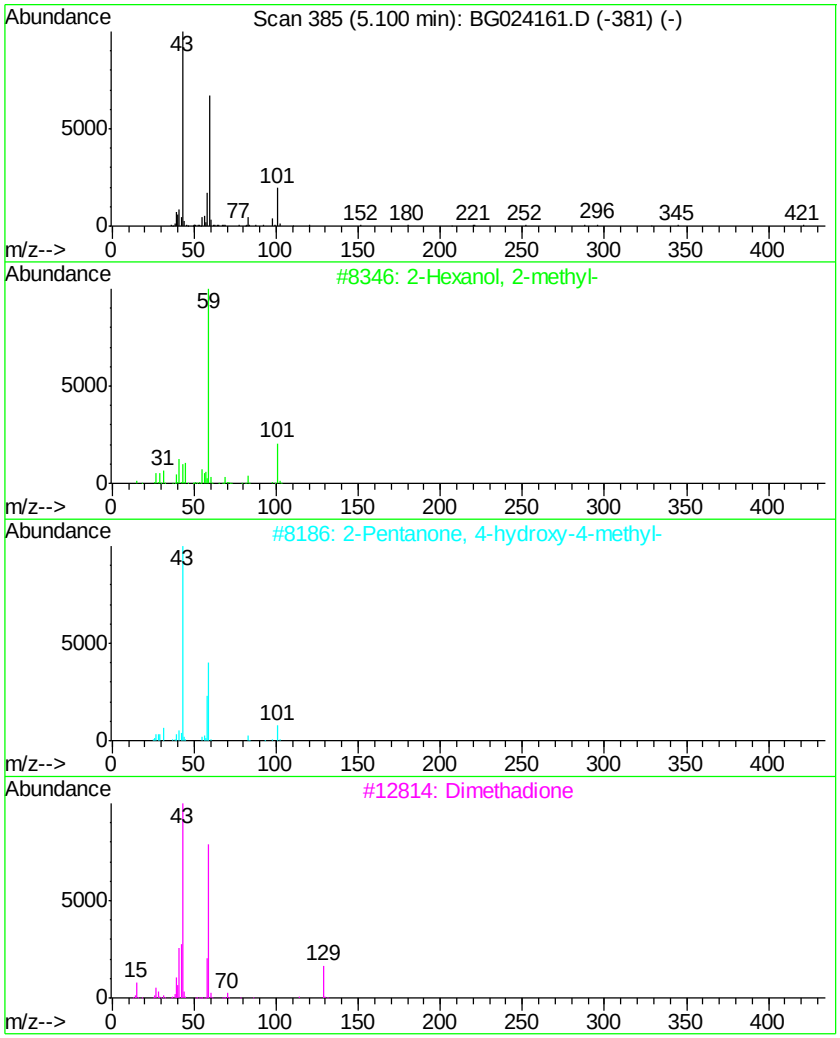
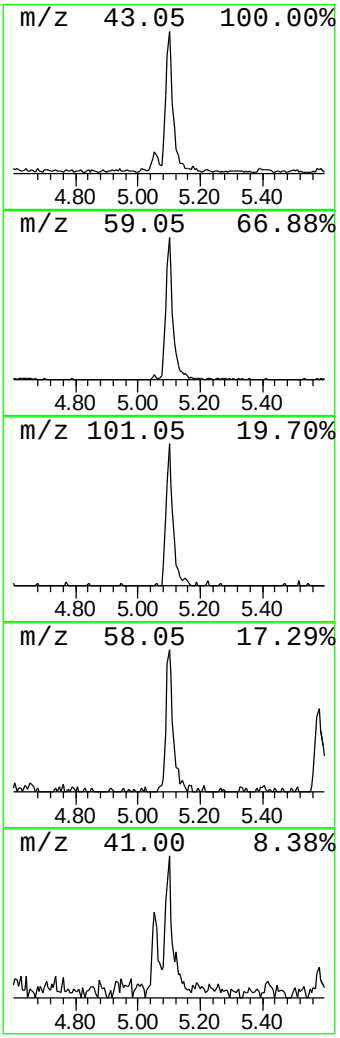
Peak Number 1 unknown5.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	15.45 ng	196227	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	3-Octanol	130	C8H18O	000589-98-0	28
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





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ClientSampleId : HSR-WC-71-092816

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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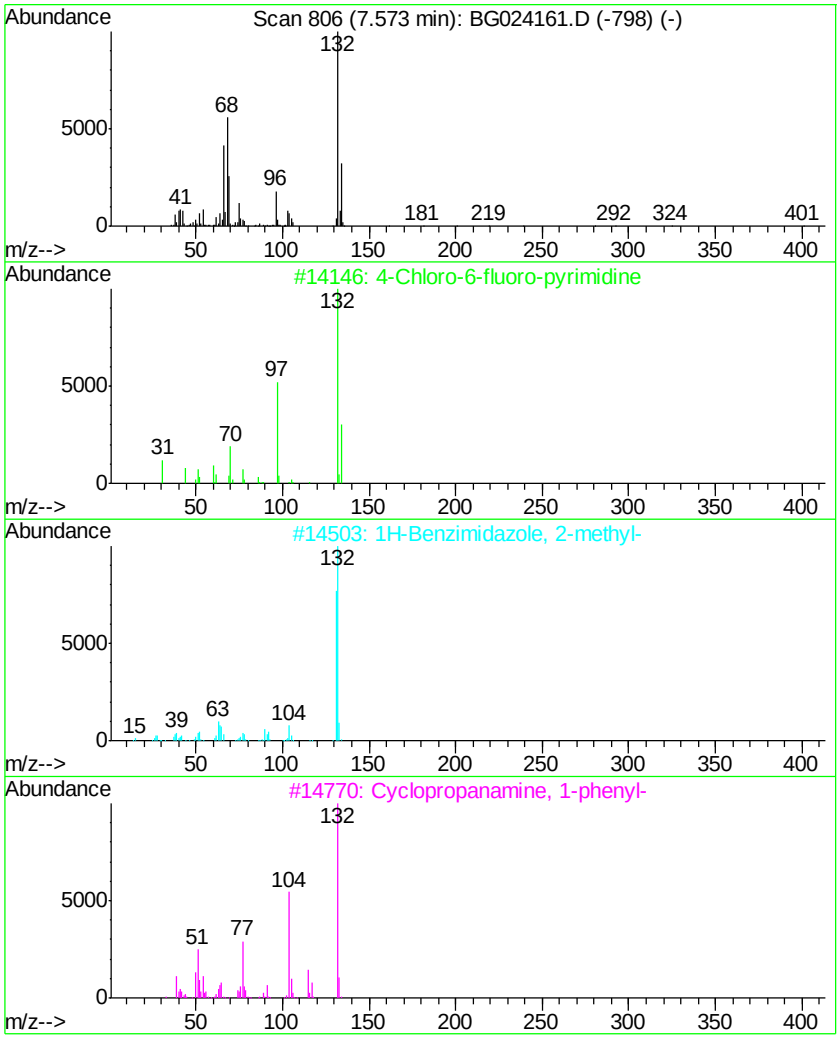
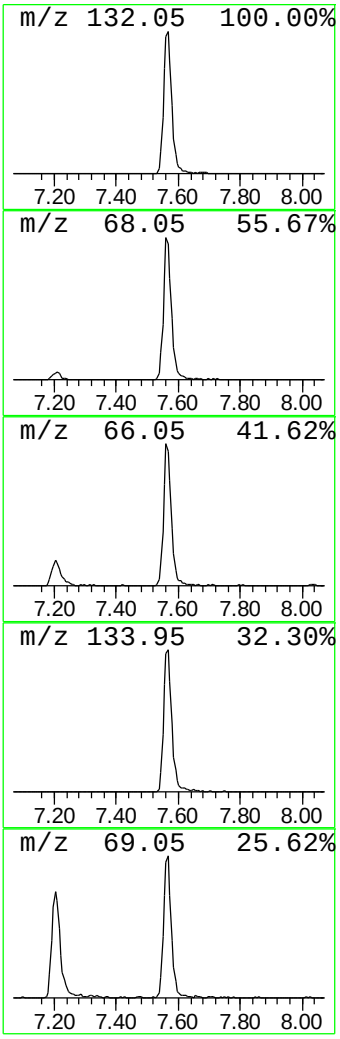
Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	119.42 ng	1516780	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Library Search Compound Report

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Acq On : 30 Sep 2016 16:10
Operator : UM/SJ
Sample : H5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-71-092816

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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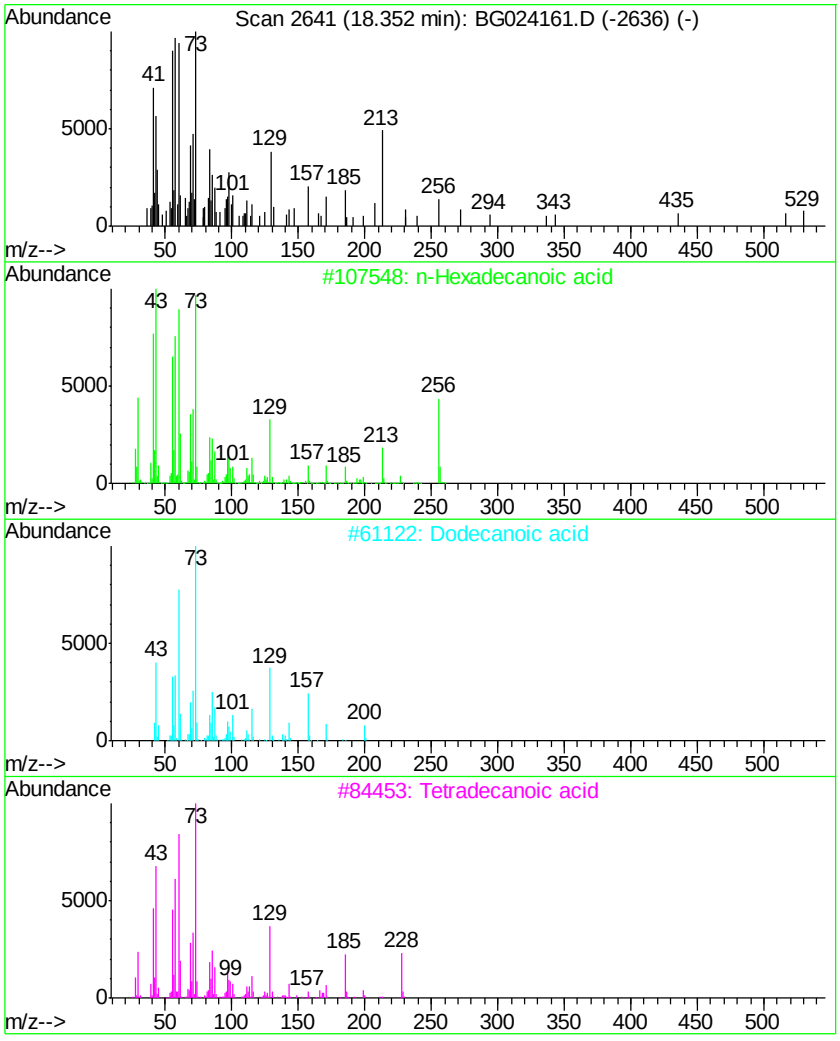
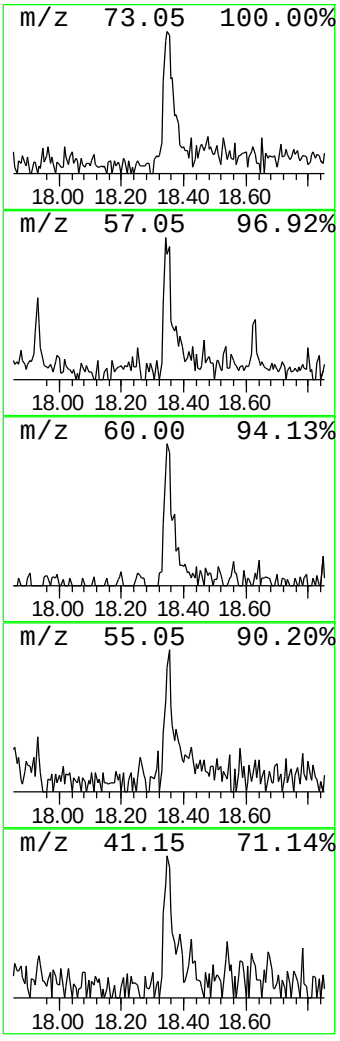
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.03 ng	95585	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
2	Dodecanoic acid	200	C12H24O2	000143-07-7	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Octadecanoic acid	284	C18H36O2	000057-11-4	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.10	5.10	15.4	ng	196227	1	8.03	254022	20.0
unknown7.57	7.57	119.4	ng	1516780	1	8.03	254022	20.0
n-Hexadecanoic acid	18.35	2.0	ng	95585	4	17.48	941892	20.0