LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019912.D
Acq On : 4 Dec 2015 19:47
Operator : UM/NP
Sample : G4642-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD120215

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-BG120215.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	5.187	395	400	408	rBV	30051	46282	1.62%	0.372%
2	5.657	473	480	490	rVB	214536	332499	11.60%	2.673%
3	7.256	745	752	761	rBV	133633	232274	8.11%	1.868%
4	7.643	809	818	829	rBV	444877	758894	26.48%	6.102%
5	8.119	891	899	905	rBV	103580	175023	6.11%	1.407%
6	8.442	947	954	964	rVB	448106	765761	26.72%	6.157%
7	9.283	1089	1097	1105	rBV	388829	694255	24.23%	5.582%
8	10.934	1371	1378	1386	rBV	149983	265831	9.28%	2.137%
9	13.372	1785	1793	1800	rBV	1220104	1864406	65.06%	14.991%
10	14.747	2020	2027	2036	rVB2	280906	439871	15.35%	3.537%
11	16.227	2272	2279	2292	rBV	1008963	1529659	53.38%	12.299%
12	17.485	2487	2493	2501	rBV	365561	558470	19.49%	4.490%
13	18.366	2637	2643	2649	rBV2	42387	63140	2.20%	0.508%
14	19.629	2854	2858	2864	rBV2	33797	42516	1.48%	0.342%
15	20.093	2930	2937	2942	rBV	2116532	2865532	100.00%	23.040%
16	20.775	3049	3053	3059	rVB	46091	63066	2.20%	0.507%
17	20.851	3060	3066	3075	rBV6	24283	54884	1.92%	0.441%
18	20.992	3086	3090	3094	rBV	28010	42896	1.50%	0.345%
19	21.039	3094	3098	3103	rVV	50172	69329	2.42%	0.557%
20	21.110	3107	3110	3115	rVB2	23002	28902	1.01%	0.232%
21	21.398	3156	3159	3168	rVB3	37133	57841	2.02%	0.465%
22	21.551	3182	3185	3189	rVB	38104	48354	1.69%	0.389%
23	21.762	3215	3221	3229	rVB	464752	733533	25.60%	5.898%
24	22.103	3276	3279	3286	rVB2	19461	35350	1.23%	0.284%
25	25.047	3770	3780	3791	rVB	236141	668623	23.33%	5.376%

Sum of corrected areas: 12437191

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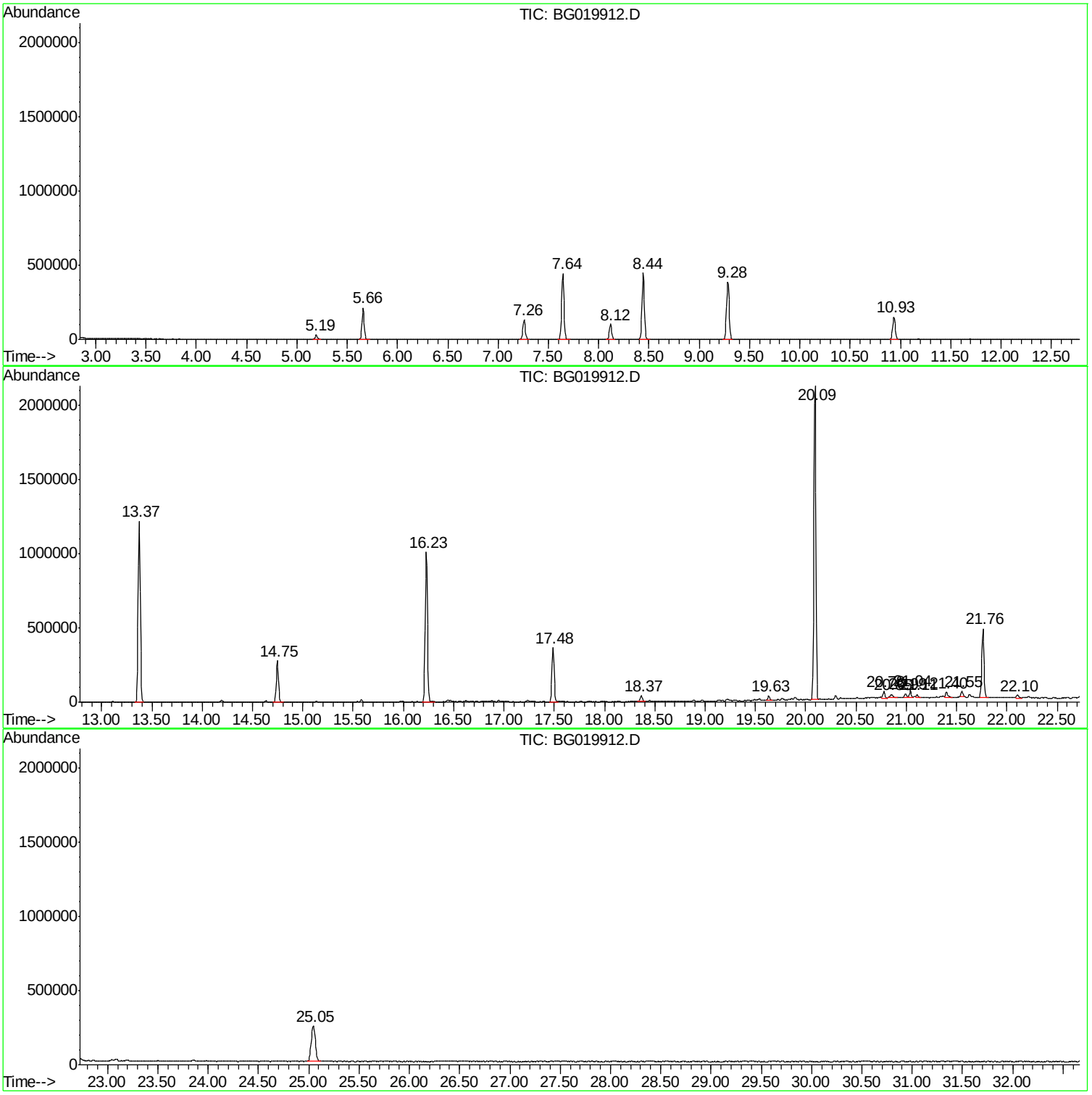
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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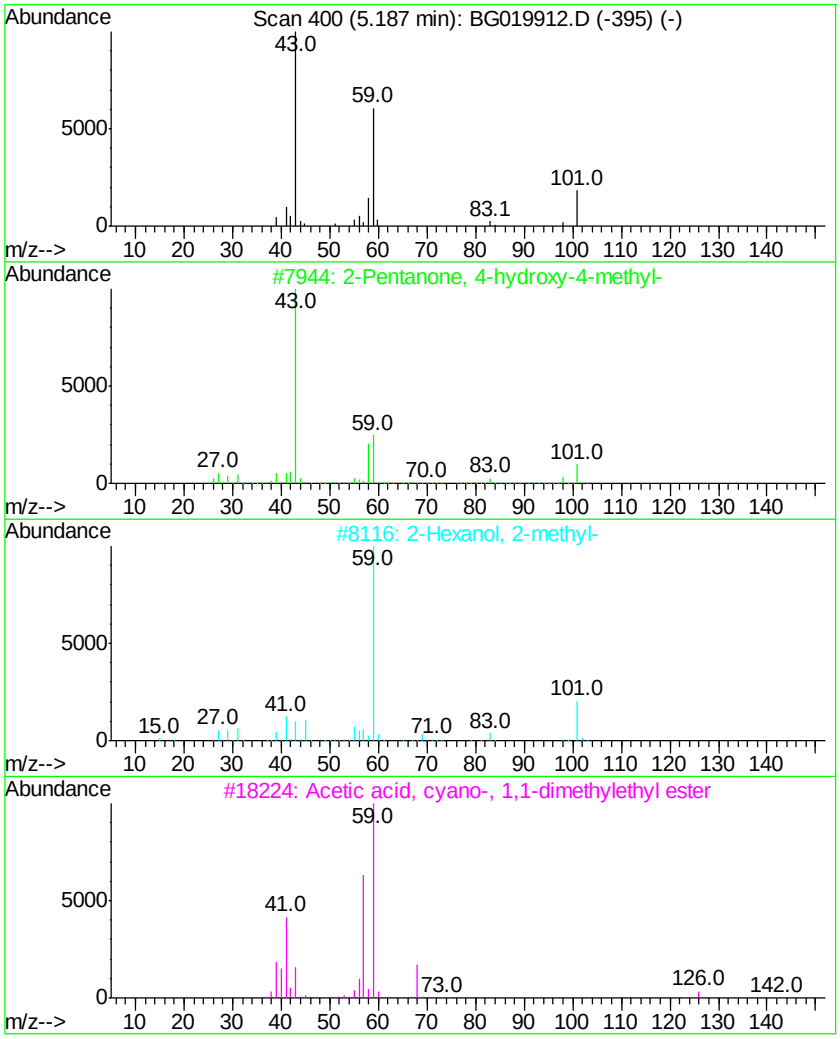
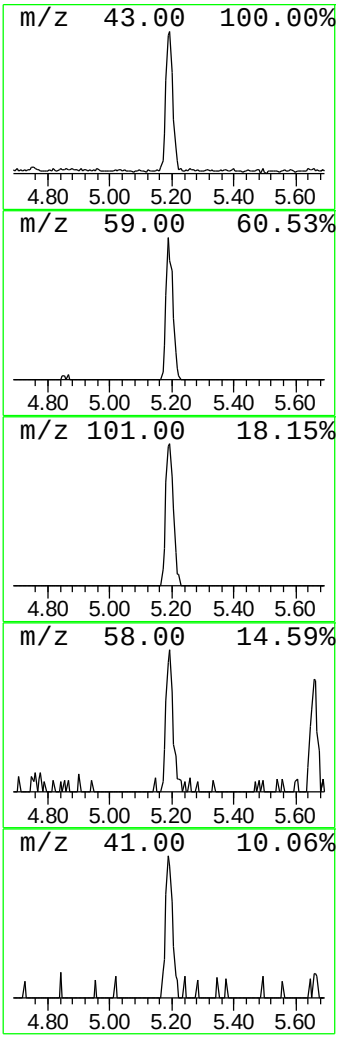
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	5.29 ng	46282	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





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Instrument : BNA_G
ClientSampleId : FD120215

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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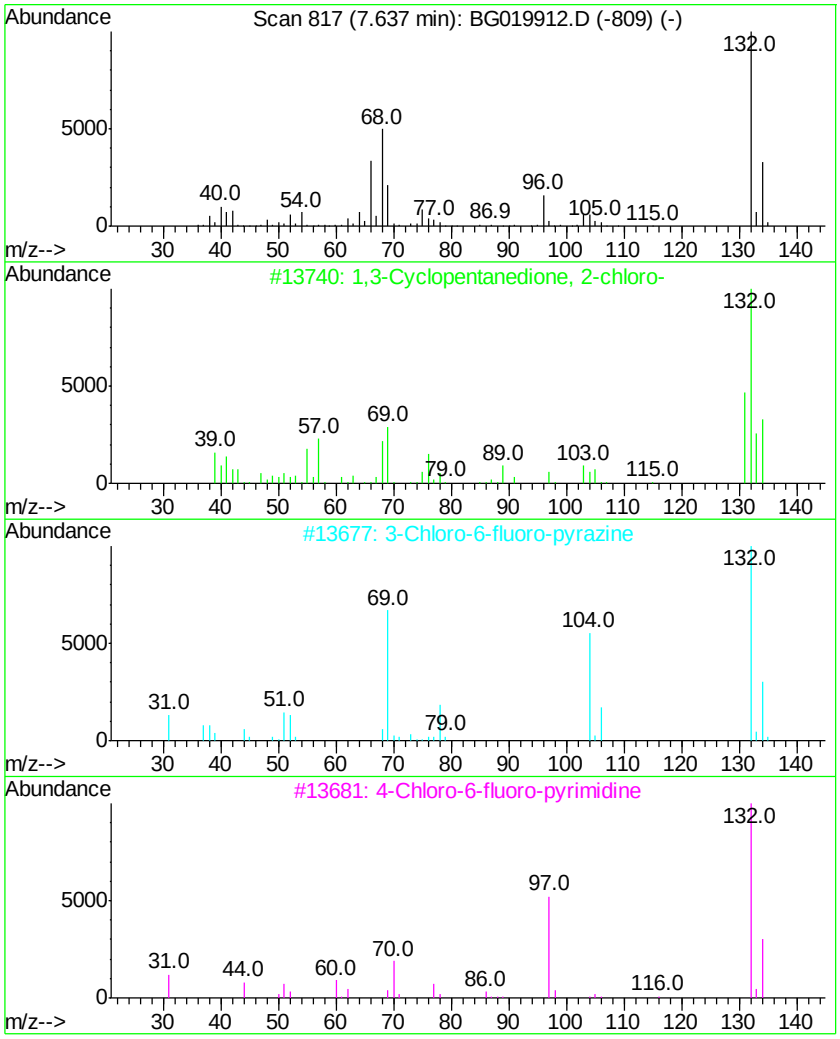
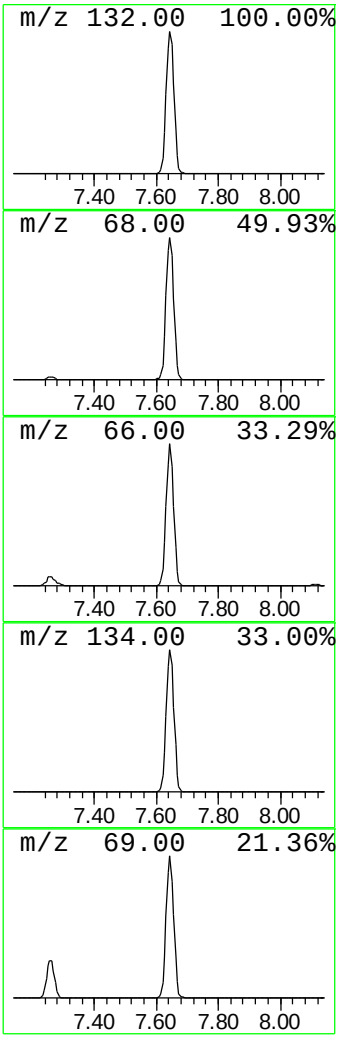
Peak Number 2 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	86.72 ng	758894	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : G4642-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD120215

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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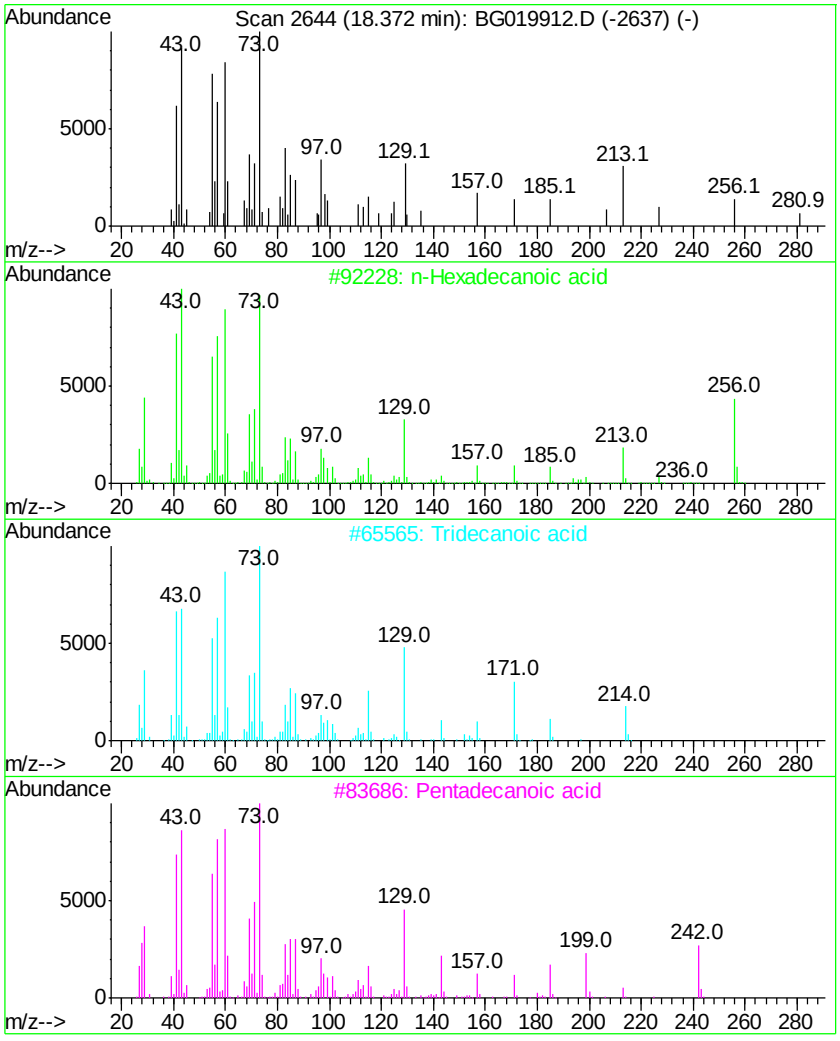
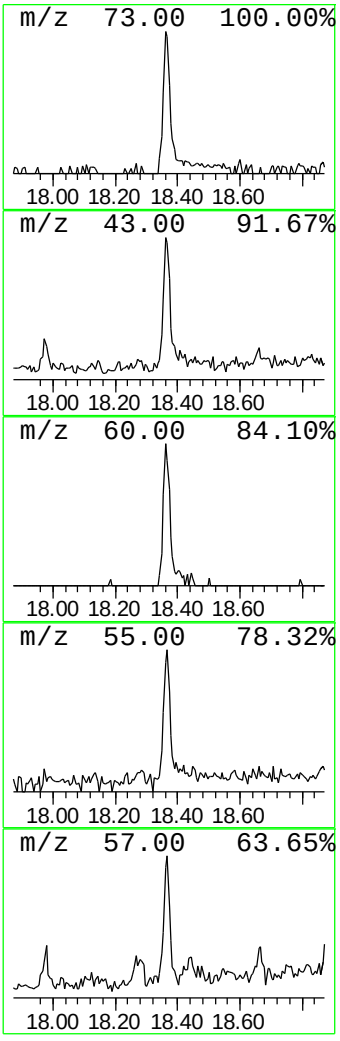
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.26 ng	63140	Phenanthrene-d10	17.49

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
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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...	5.19	5.3	ng	46282	1	8.12	175023	20.0
unknown7.64	7.64	86.7	ng	758894	1	8.12	175023	20.0
n-Hexadecanoic acid	18.37	2.3	ng	63140	4	17.49	558470	20.0