LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024004.D
Acq On : 16 Sep 2016 21:53
Operator : UM/SJ
Sample : H4813-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3

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-BG083116.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	5.125	384	389	393	rBV	77873	128940	2.22%	0.559%
2	5.607	465	471	485	rBV	453785	801534	13.78%	3.474%
3	7.228	741	747	763	rBV	301568	599697	10.31%	2.599%
4	7.587	800	808	821	rBV	878350	1550920	26.66%	6.722%
5	8.057	881	888	893	rBV2	173446	296169	5.09%	1.284%
6	8.380	935	943	952	rBV	770795	1323276	22.75%	5.736%
7	9.237	1082	1089	1105	rBV	715681	1314134	22.59%	5.696%
8	10.888	1362	1370	1383	rBV	237408	459983	7.91%	1.994%
9	13.009	1726	1731	1736	rBV2	33942	59156	1.02%	0.256%
10	13.344	1781	1788	1795	rVB	1904598	3001613	51.59%	13.010%
11	14.730	2016	2024	2031	rBV2	435167	754104	12.96%	3.269%
12	15.135	2088	2093	2098	rBV4	67883	116173	2.00%	0.504%
13	16.046	2244	2248	2253	rVB8	44079	71160	1.22%	0.308%
14	16.228	2271	2279	2291	rVB	1998949	3106161	53.39%	13.463%
15	16.868	2382	2388	2396	rBV	39956	73218	1.26%	0.317%
16	17.491	2488	2494	2500	rBV2	607791	944077	16.23%	4.092%
17	18.366	2638	2643	2648	rBV4	82736	140694	2.42%	0.610%
18	19.635	2855	2859	2863	rBV5	59254	77070	1.32%	0.334%
19	20.105	2933	2939	2949	rBV	4500583	5817773	100.00%	25.217%
20	21.803	3221	3228	3236	rBV	708032	1233123	21.20%	5.345%
21	25.145	3787	3797	3812	rVB	387401	1202312	20.67%	5.211%

Sum of corrected areas: 23071287

LSC Report - Integrated Chromatogram

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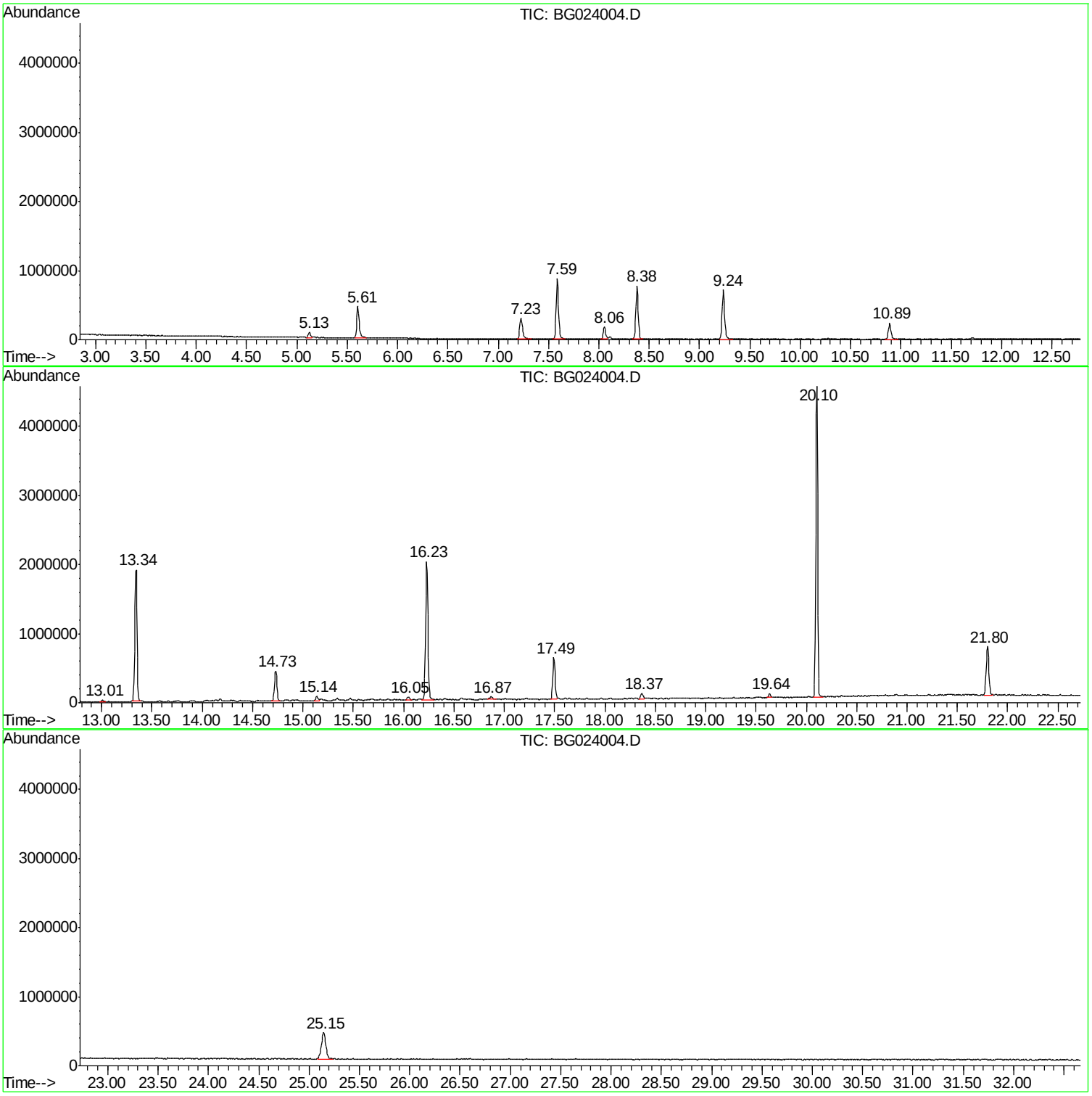
Instrument : BNA_G
ClientSampleId : SB-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG024004.D
Acq On : 16 Sep 2016 21:53
Operator : UM/SJ
Sample : H4813-06
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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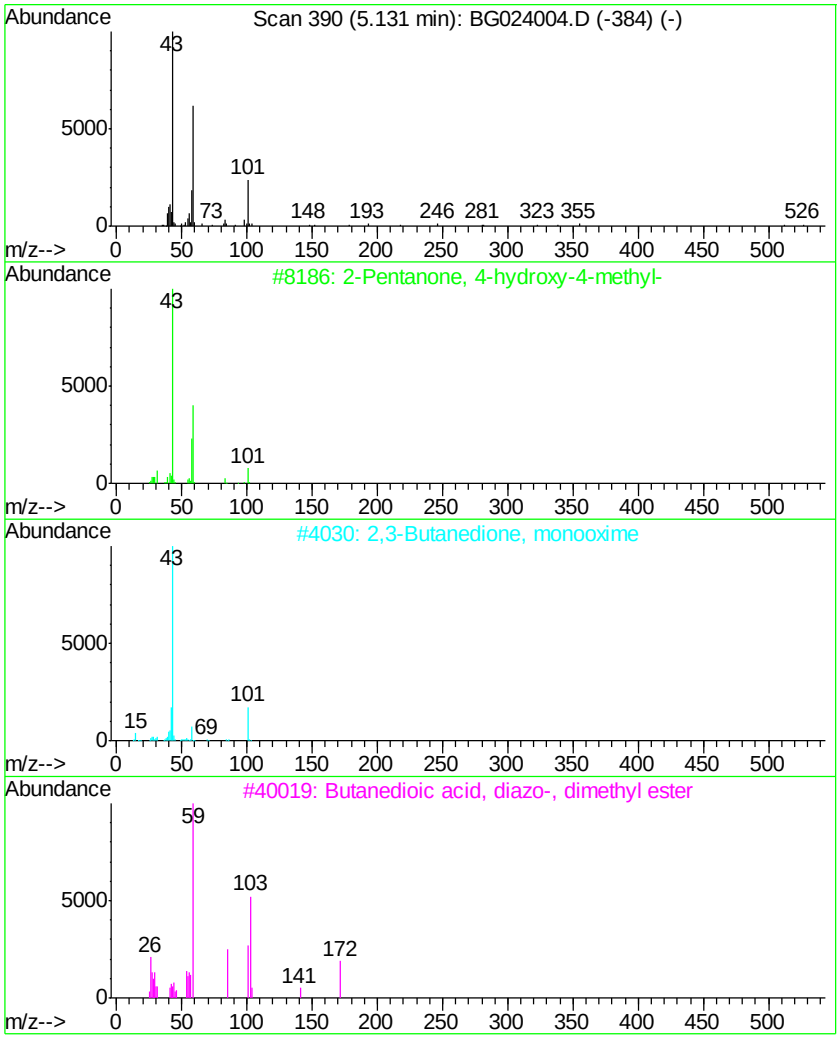
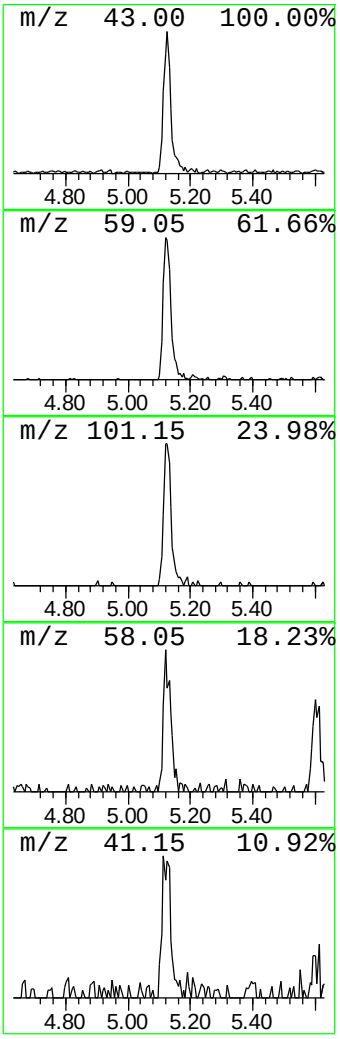
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	8.71 ng	128940	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butanedioic acid, diazo-, dimeth...	172	C6H8N2O4	055514-36-8	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	10





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ClientSampleId : SB-3

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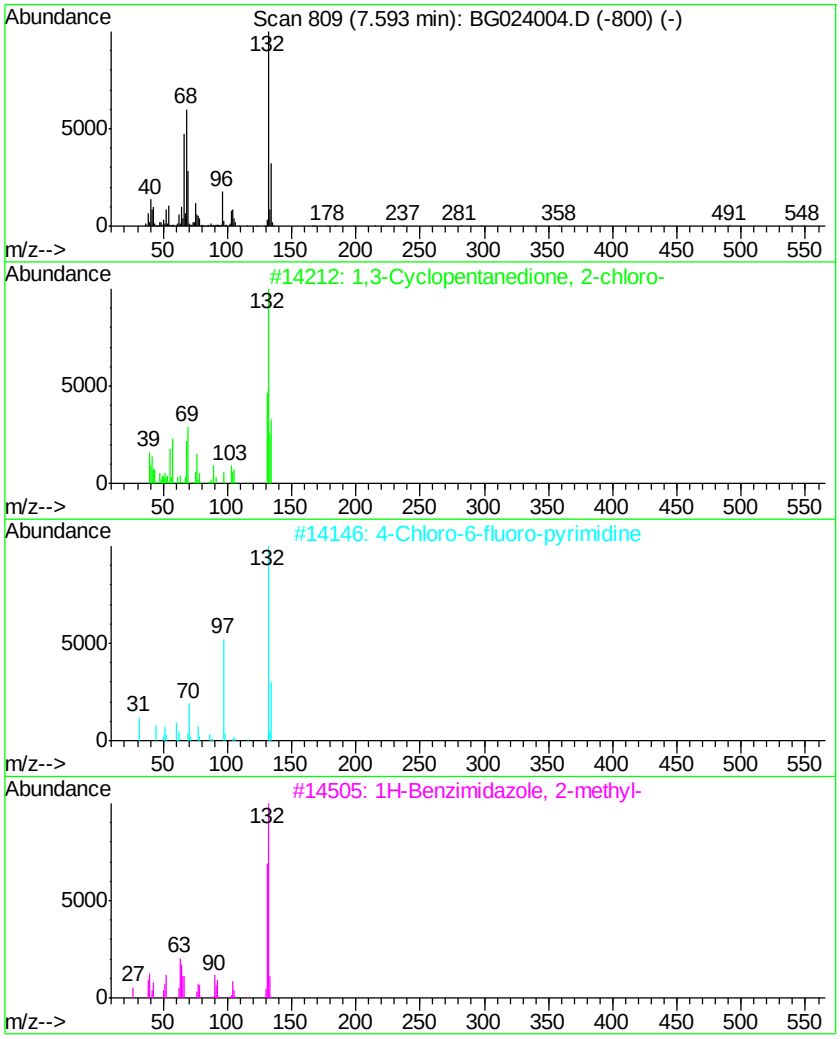
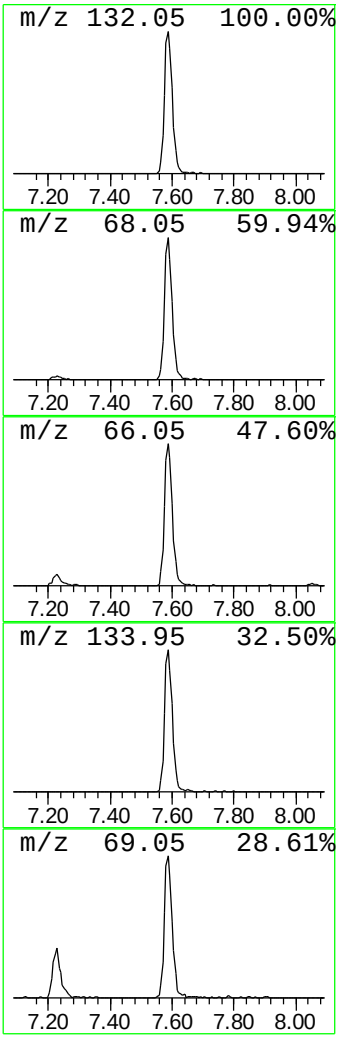
Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	104.73 ng	1550920	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14





Library Search Compound Report

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Operator : UM/SJ
Sample : H4813-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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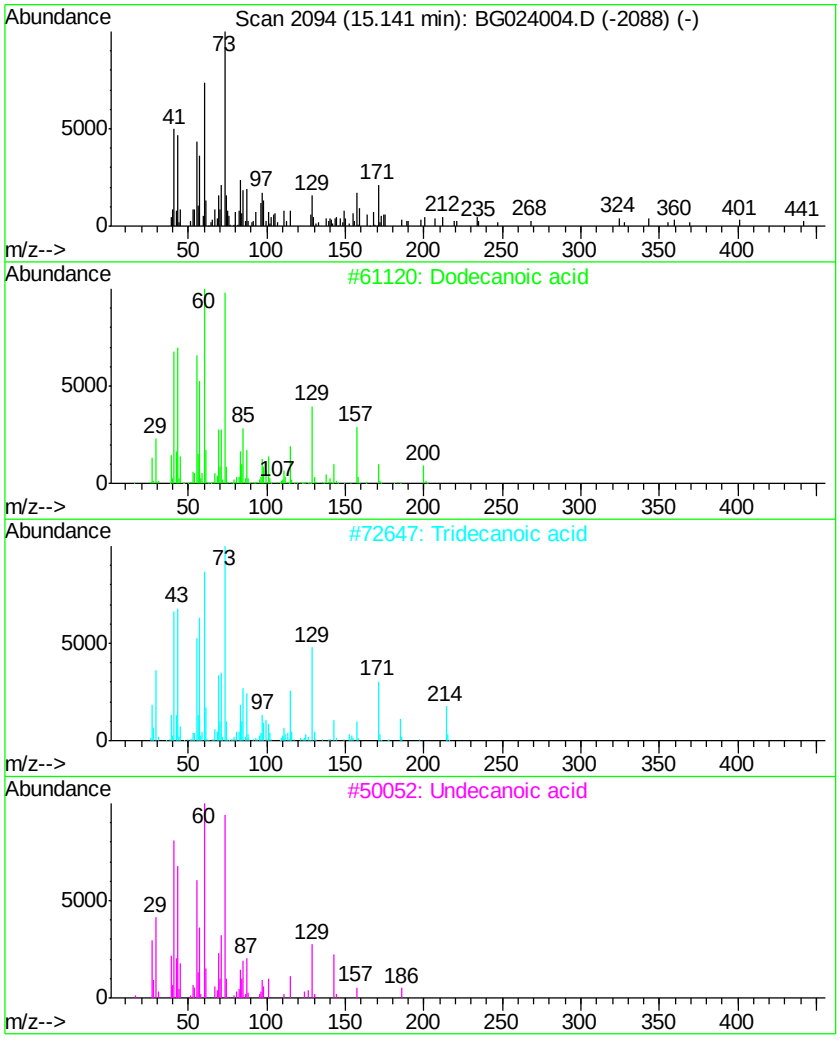
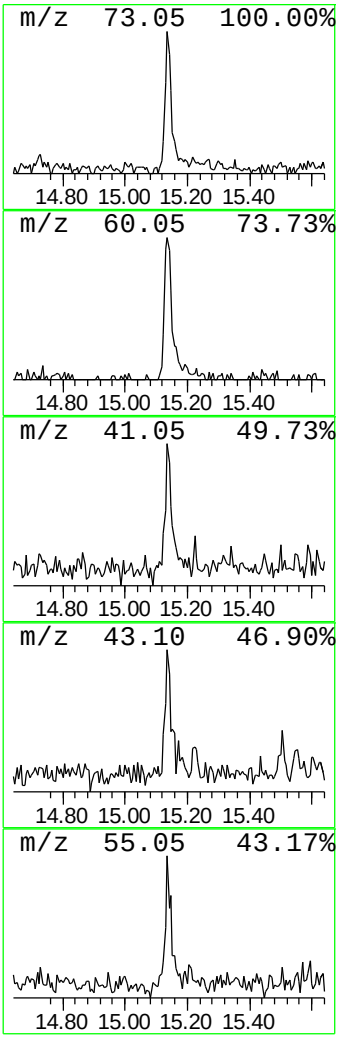
Peak Number 4 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.08 ng	116173	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	52
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Sample : H4813-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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TIC Library : C:\DATABASE\NIST11.L
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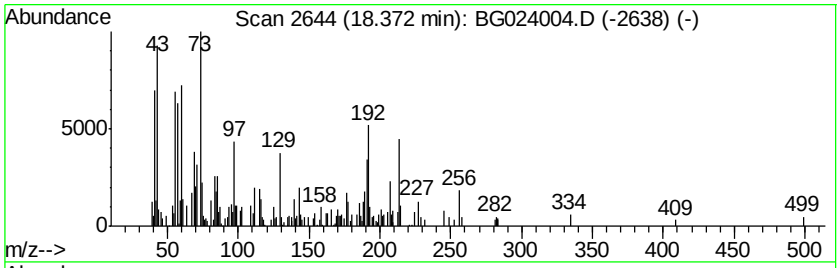
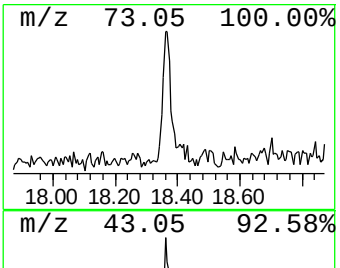
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.98 ng	140694	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	45
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.13	8.7	ng	128940	1	8.06	296169	20.0
unknown7.59	7.59	104.7	ng	1550920	1	8.06	296169	20.0
Dodecanoic acid	15.14	3.1	ng	116173	3	14.73	754104	20.0
Tridecanoic acid	18.37	3.0	ng	140694	4	17.49	944077	20.0