LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023437.D
Acq On : 3 Aug 2016 22:42
Operator : UM/SJ
Sample : H4287-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-59-14.0-15.0

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-BG080116.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	2.993	21	26	45	rVB	3129849	4453151	46.86%	8.196%
2	5.185	392	399	413	rBV	528268	832185	8.76%	1.532%
3	5.660	473	480	492	rBV	1952423	3187441	33.54%	5.866%
4	7.276	747	755	768	rBV	2148350	3801723	40.00%	6.997%
5	7.646	810	818	829	rBV	2007068	3507522	36.91%	6.455%
6	8.116	890	898	905	rBV	355509	632844	6.66%	1.165%
7	8.445	945	954	962	rBV	1345571	2415137	25.41%	4.445%
8	9.297	1089	1099	1108	rBV	1287143	2412558	25.38%	4.440%
9	10.947	1374	1380	1391	rBV	534537	972573	10.23%	1.790%
10	13.397	1789	1797	1807	rBV	3456858	5341079	56.20%	9.830%
11	14.225	1931	1938	1946	rBV	658772	939786	9.89%	1.730%
12	14.783	2026	2033	2040	rBV2	974826	1633090	17.18%	3.006%
13	16.276	2281	2287	2301	rBV	3923088	6320351	66.50%	11.632%
14	16.469	2316	2320	2330	rVB	92961	156009	1.64%	0.287%
15	17.538	2496	2502	2509	rBV2	1454108	2450032	25.78%	4.509%
16	18.414	2646	2651	2661	rBV2	255210	443699	4.67%	0.817%
17	19.683	2862	2867	2873	rBV3	98057	151417	1.59%	0.279%
18	20.153	2940	2947	2954	rBV	6818512	9503970	100.00%	17.491%
19	21.463	3166	3170	3175	rBV5	68651	144622	1.52%	0.266%
20	21.856	3230	3237	3244	rBV2	1526457	2643903	27.82%	4.866%
21	25.234	3802	3812	3824	rVB3	824338	2392496	25.17%	4.403%

Sum of corrected areas: 54335588

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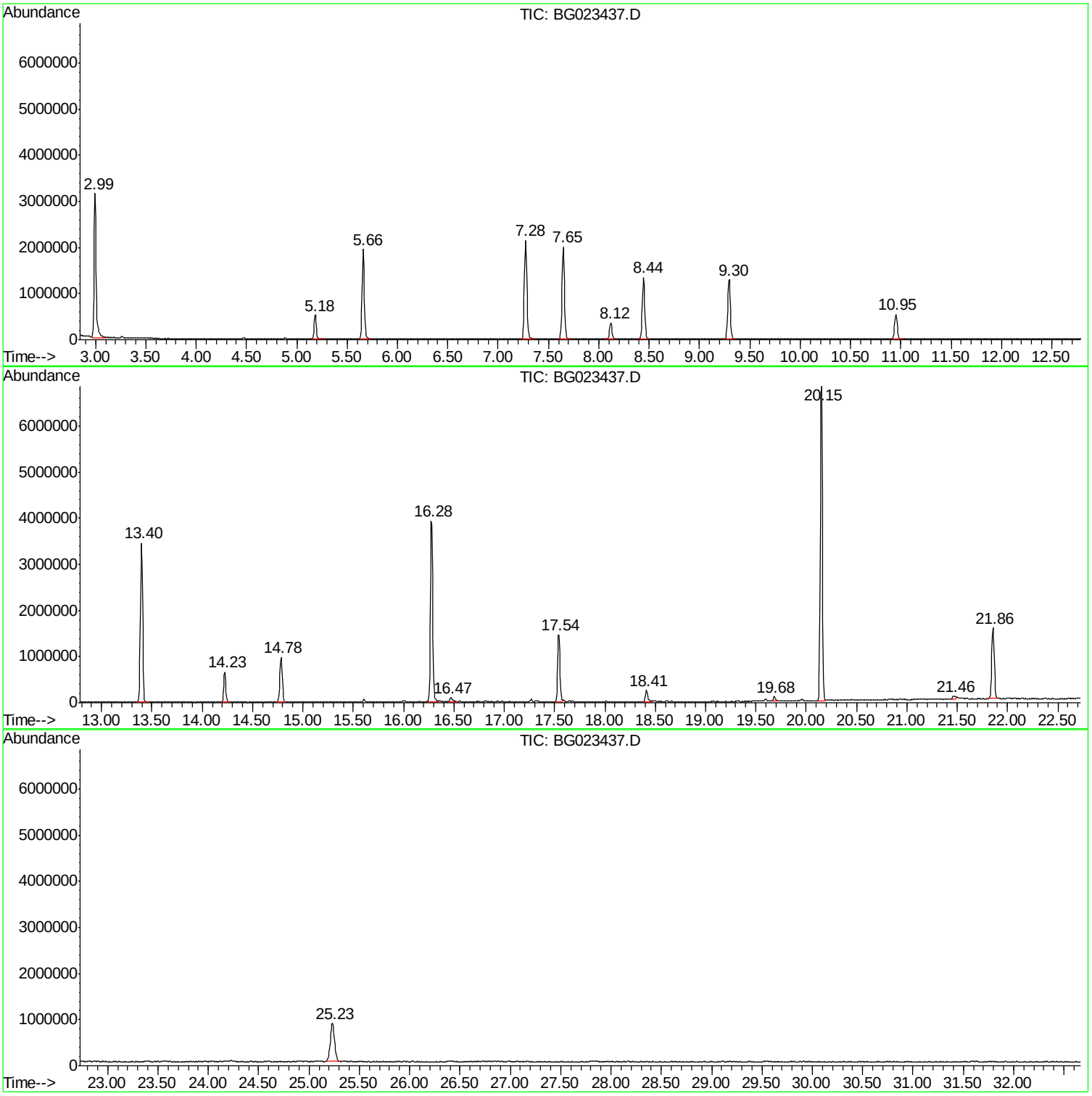
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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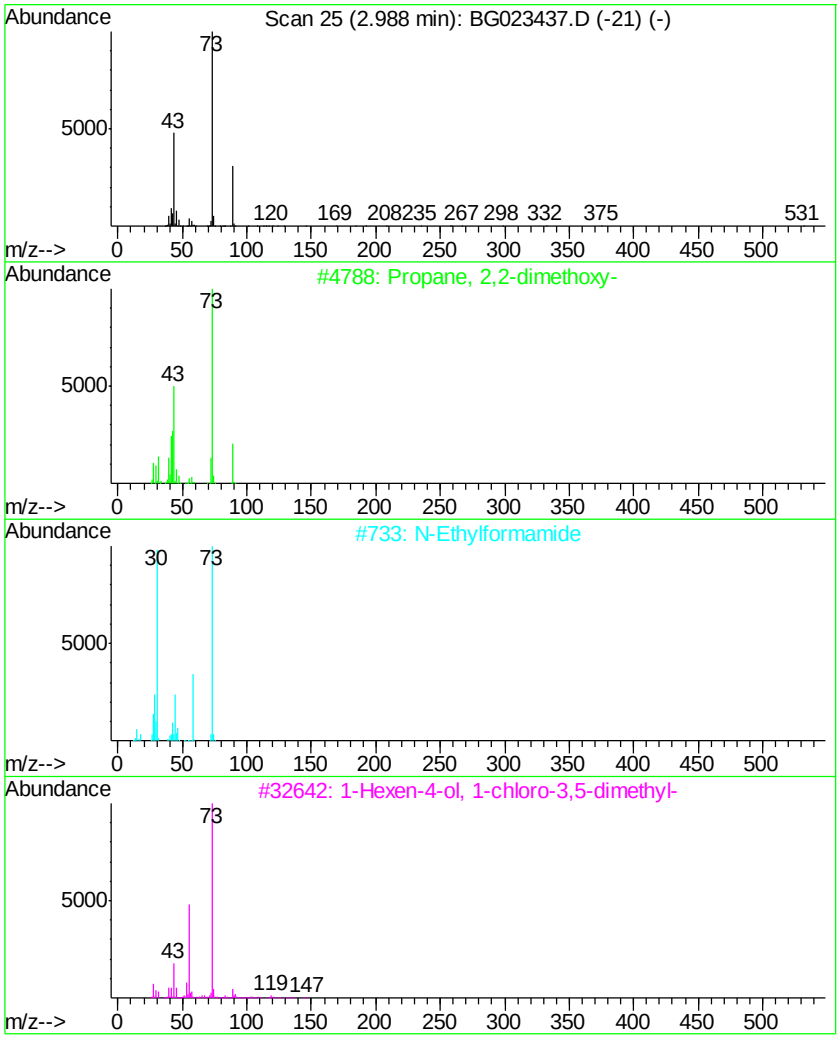
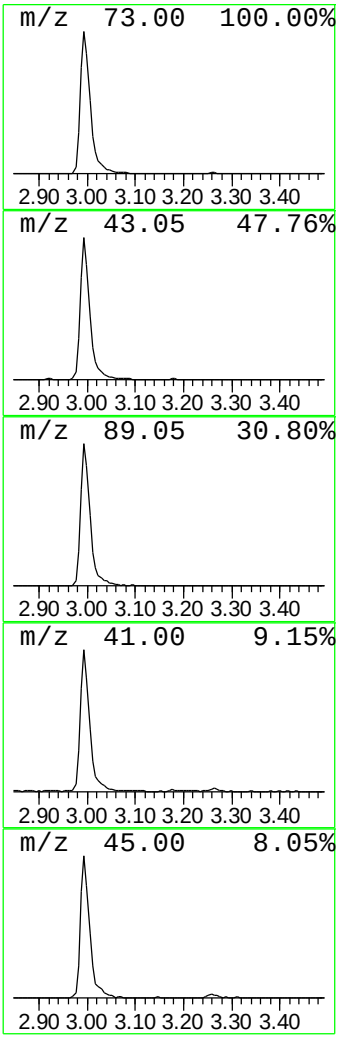
Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	140.74 ng	4453150	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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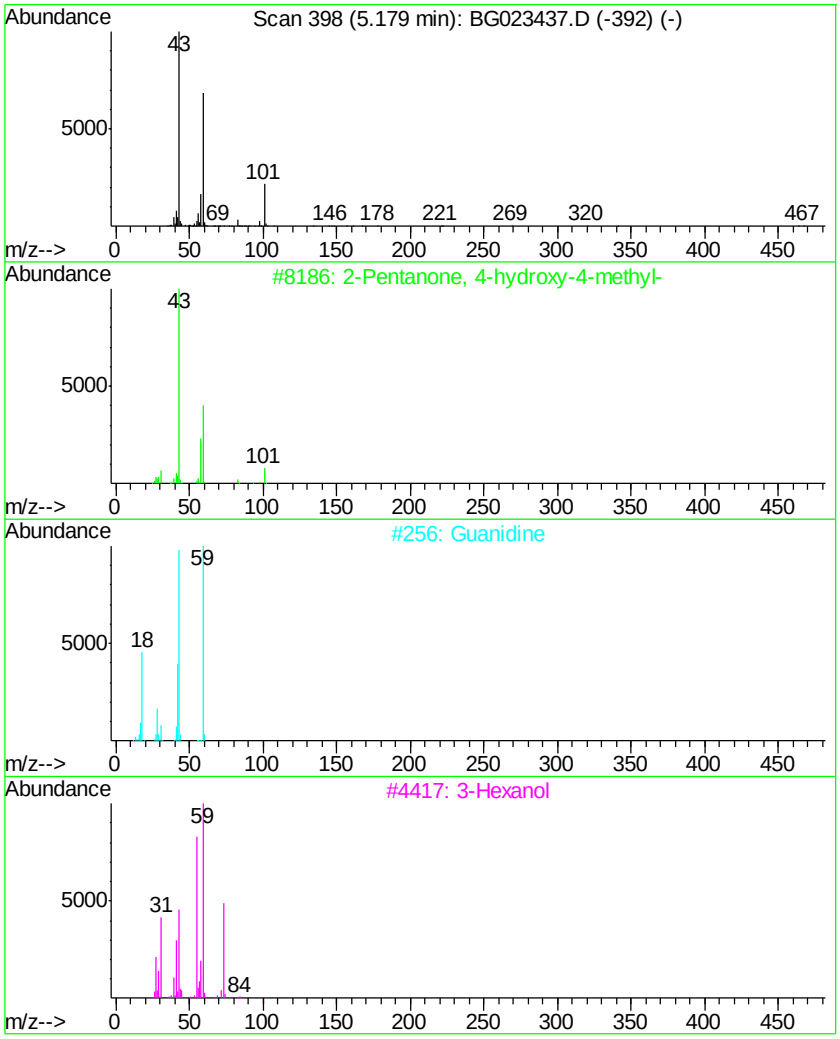
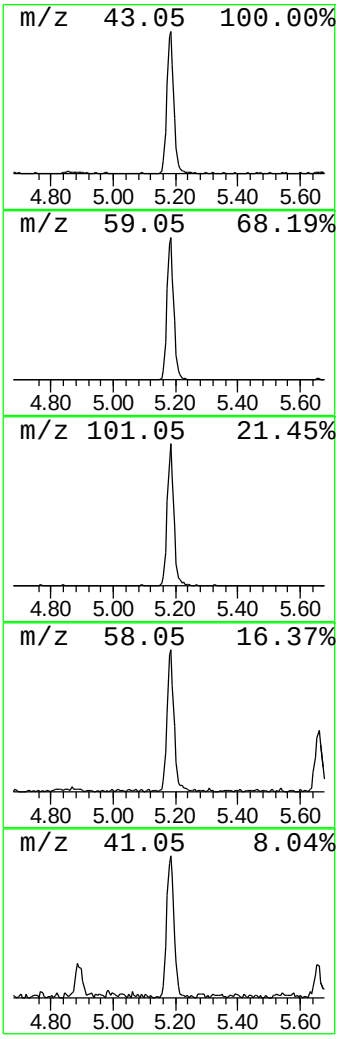
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	26.30 ng	832185	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	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	3-Hexanol	102	C6H14O	000623-37-0	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-59-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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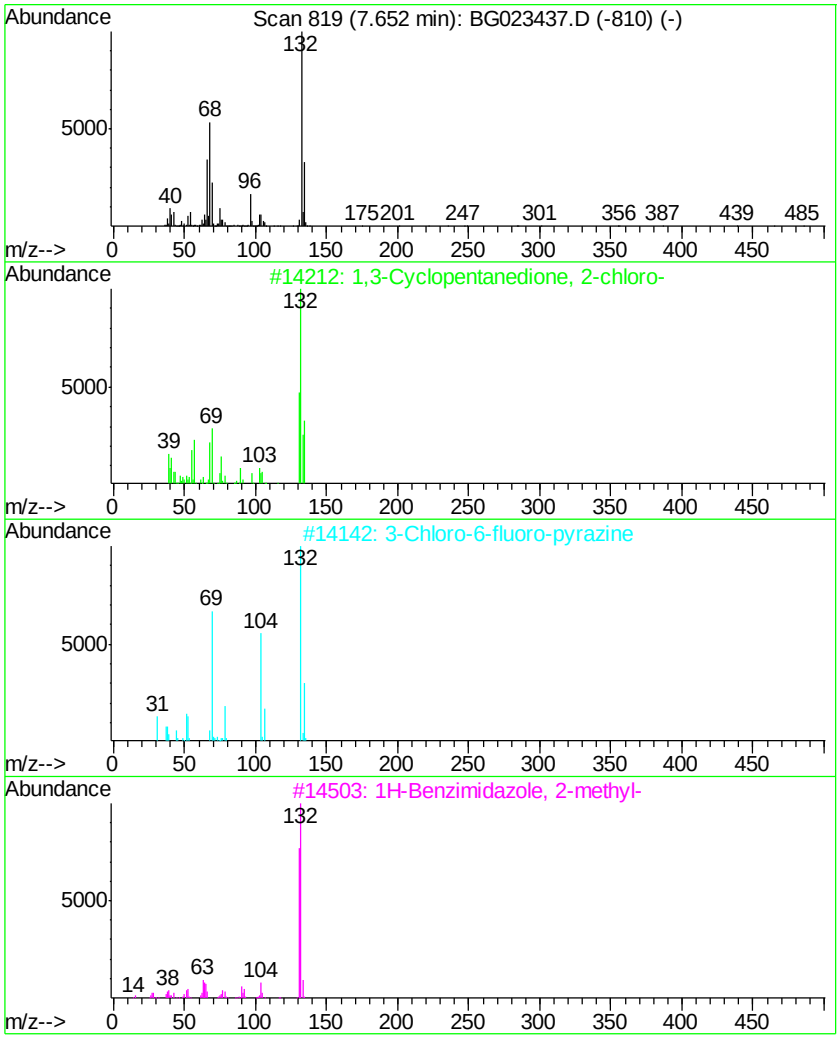
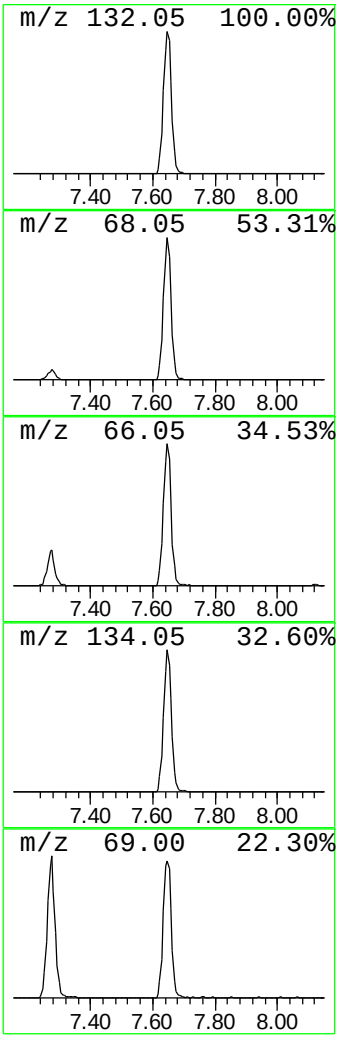
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	110.85 ng	3507520	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	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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ClientSampleId : SB-59-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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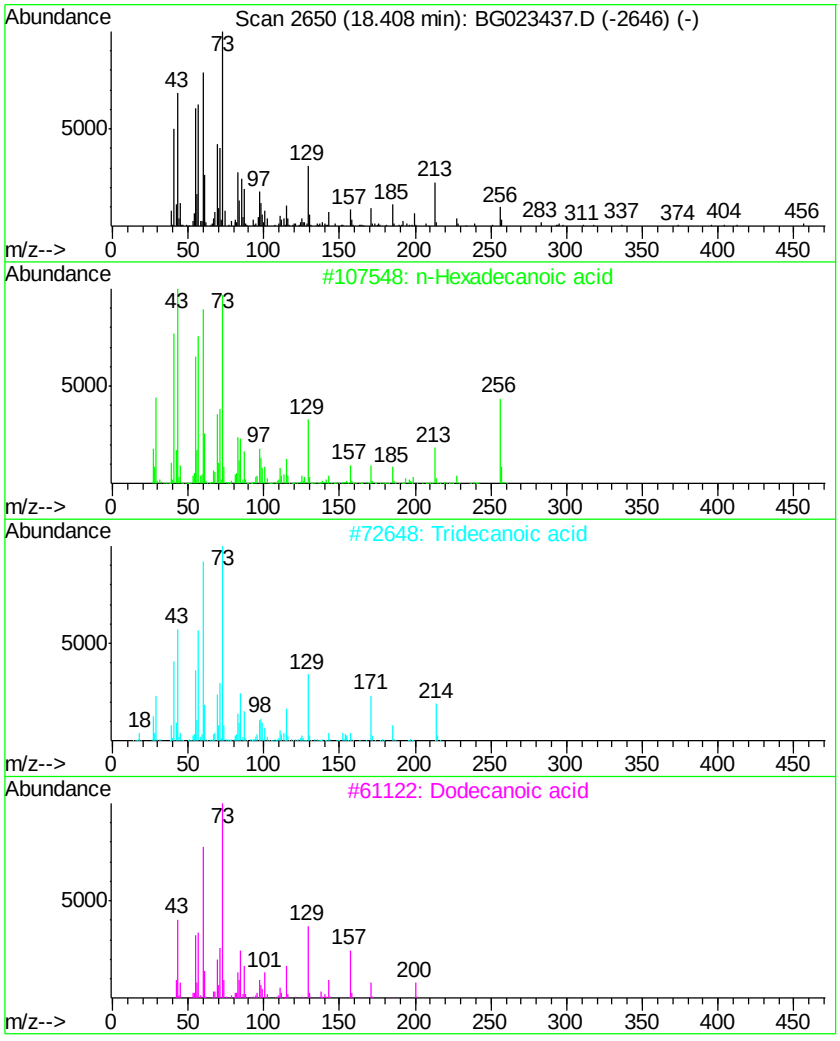
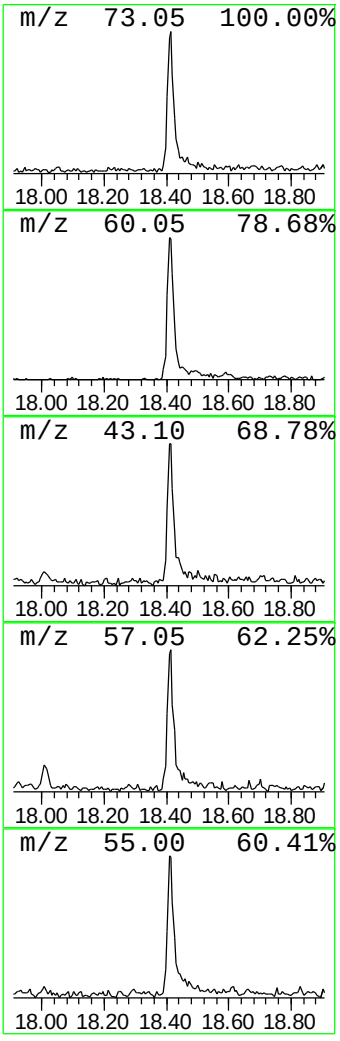
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.62 ng	443699	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.99	2.99	140.7	ng	4453150	1	8.12	632844	20.0
2-Pentanone, 4-hy...	5.18	26.3	ng	832185	1	8.12	632844	20.0
unknown7.65	7.65	110.8	ng	3507520	1	8.12	632844	20.0
n-Hexadecanoic acid	18.41	3.6	ng	443699	4	17.54	2450030	20.0