LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023415.D
Acq On : 3 Aug 2016 3:42
Operator : UM/SJ
Sample : H4288-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-DUP-03-072816

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	2.992	21	26	45	rBV	3507902	5994870	55.53%	9.191%
2	5.183	390	399	410	rBV	683197	1107136	10.26%	1.697%
3	5.665	473	481	493	rBV	2209783	3843459	35.60%	5.893%
4	7.280	748	756	770	rBV	2627307	4805889	44.52%	7.369%
5	7.650	811	819	829	rBV	2430348	4263694	39.49%	6.537%
6	8.120	892	899	908	rBV	384723	664069	6.15%	1.018%
7	8.443	947	954	962	rBV	1460667	2576097	23.86%	3.950%
8	9.295	1091	1099	1107	rBV	1519721	2811566	26.04%	4.311%
9	10.952	1373	1381	1391	rBV	621286	1111035	10.29%	1.703%
10	13.396	1789	1797	1809	rBV	4218875	6739120	62.42%	10.333%
11	14.224	1931	1938	1945	rBV	747964	1080983	10.01%	1.657%
12	14.782	2026	2033	2045	rVB2	1206114	1966053	18.21%	3.014%
13	15.604	2164	2173	2178	rVB3	92075	163062	1.51%	0.250%
14	16.280	2281	2288	2302	rBV	5239666	8208844	76.04%	12.586%
15	16.468	2316	2320	2328	rVB2	77812	126014	1.17%	0.193%
16	17.543	2496	2503	2511	rBV2	1877068	2877825	26.66%	4.412%
17	17.901	2560	2564	2574	rBV7	56899	124690	1.15%	0.191%
18	18.412	2646	2651	2658	rBV	252342	384080	3.56%	0.589%
19	19.681	2863	2867	2871	rBV4	73132	113974	1.06%	0.175%
20	20.151	2941	2947	2954	rBV	7898399	10796031	100.00%	16.553%
21	21.855	3231	3237	3248	rVB	1570217	2753335	25.50%	4.221%
22	23.588	3527	3532	3536	rVB2	79760	137200	1.27%	0.210%
23	25.238	3802	3813	3825	rVB4	831894	2572929	23.83%	3.945%

Sum of corrected areas: 65221955

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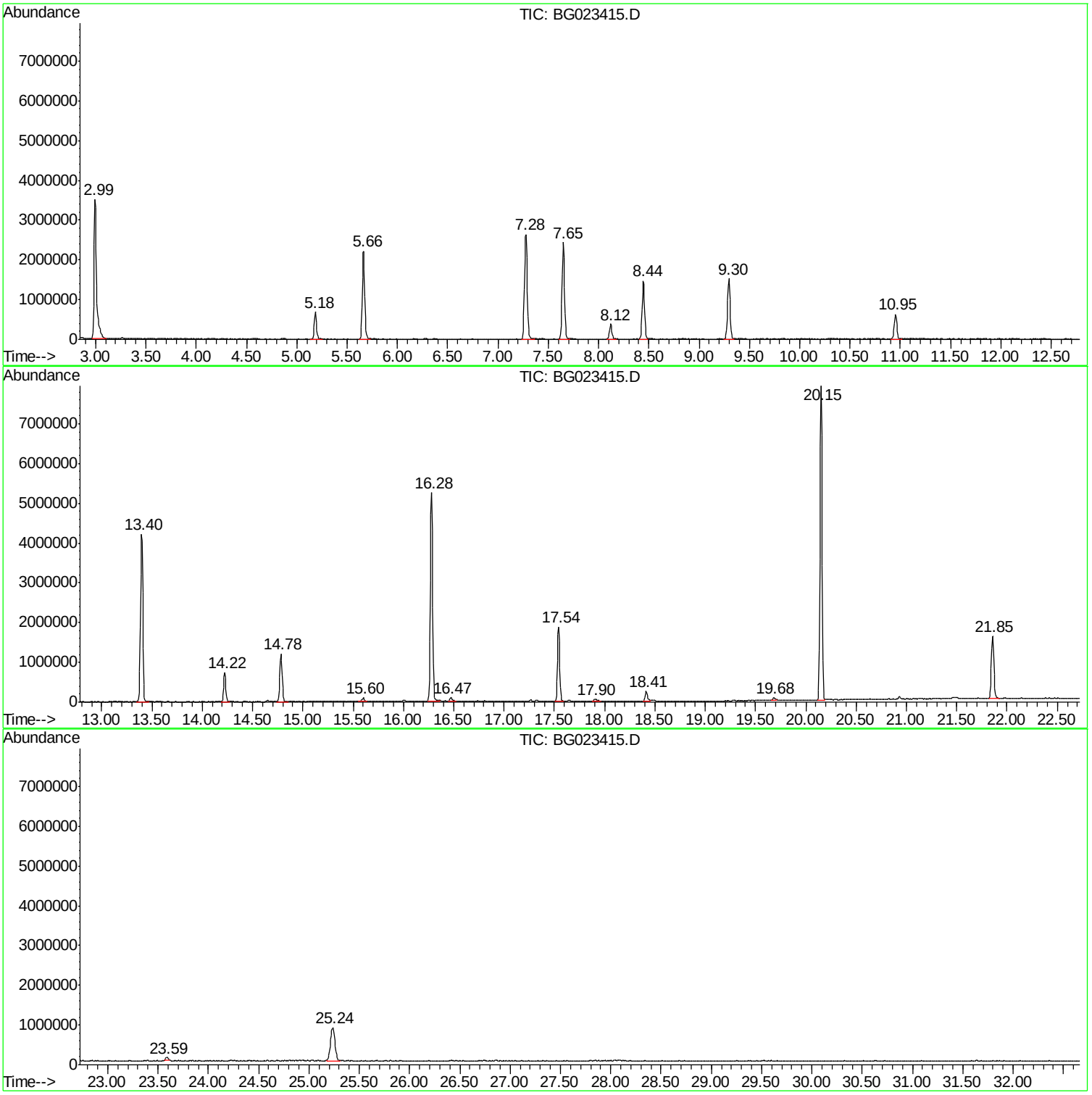
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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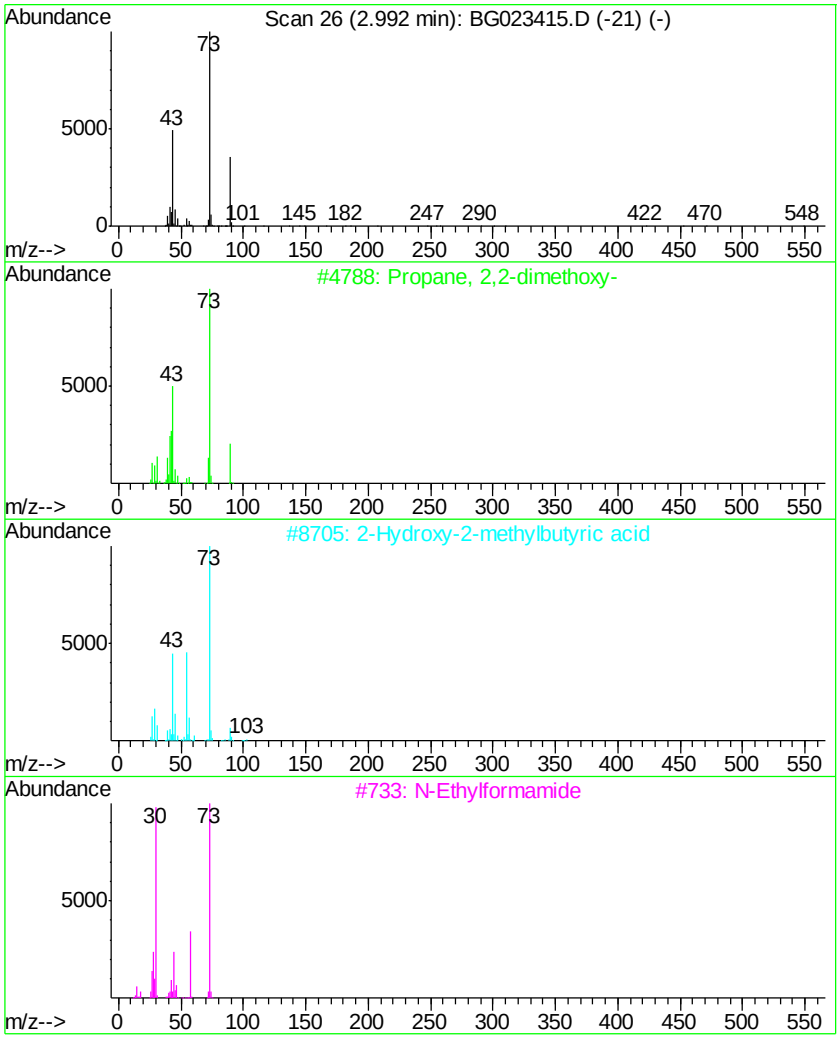
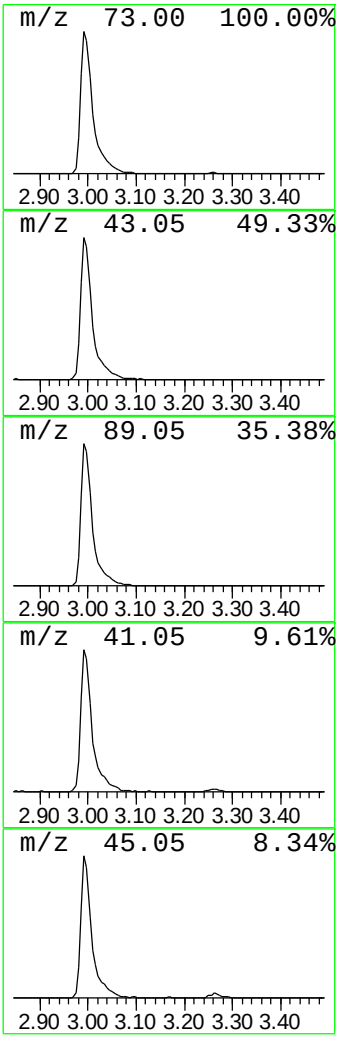
Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	180.55 ng	5994870	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	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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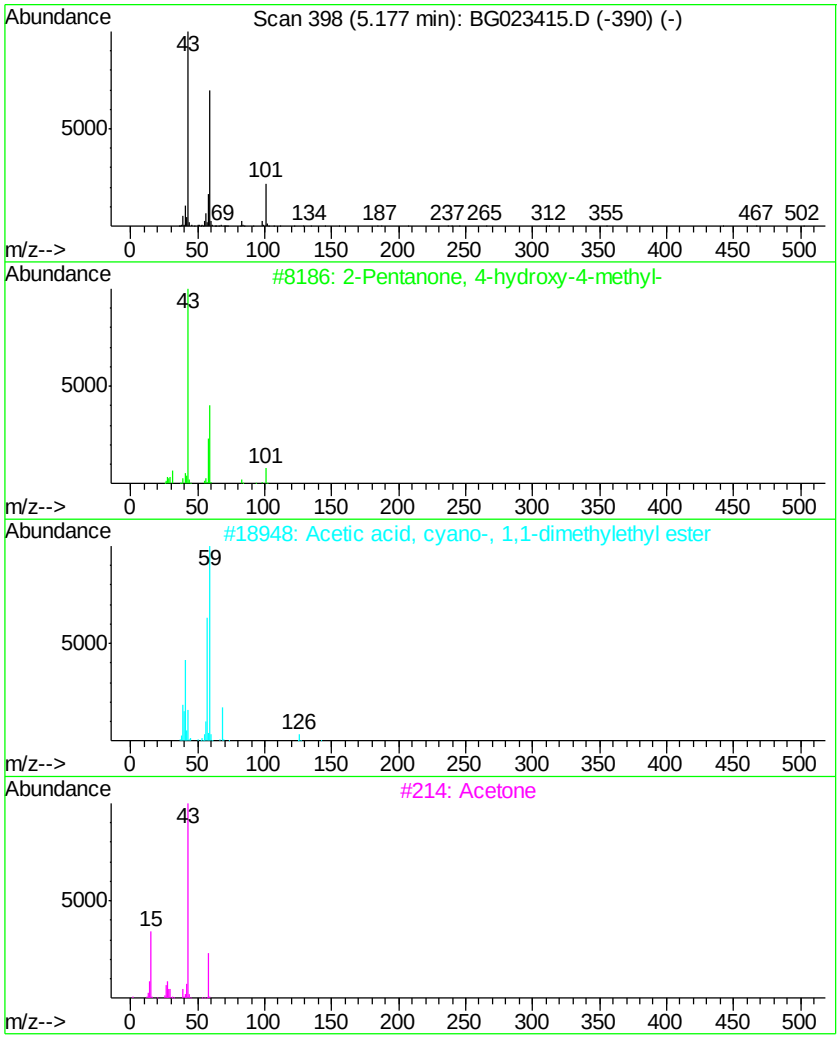
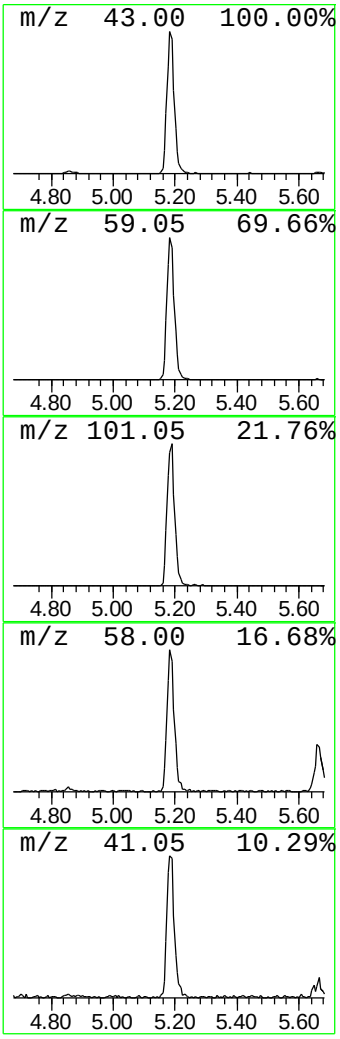
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	33.34 ng	1107140	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





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Instrument : BNA_G
ClientSampleId : SB-DUP-03-072816

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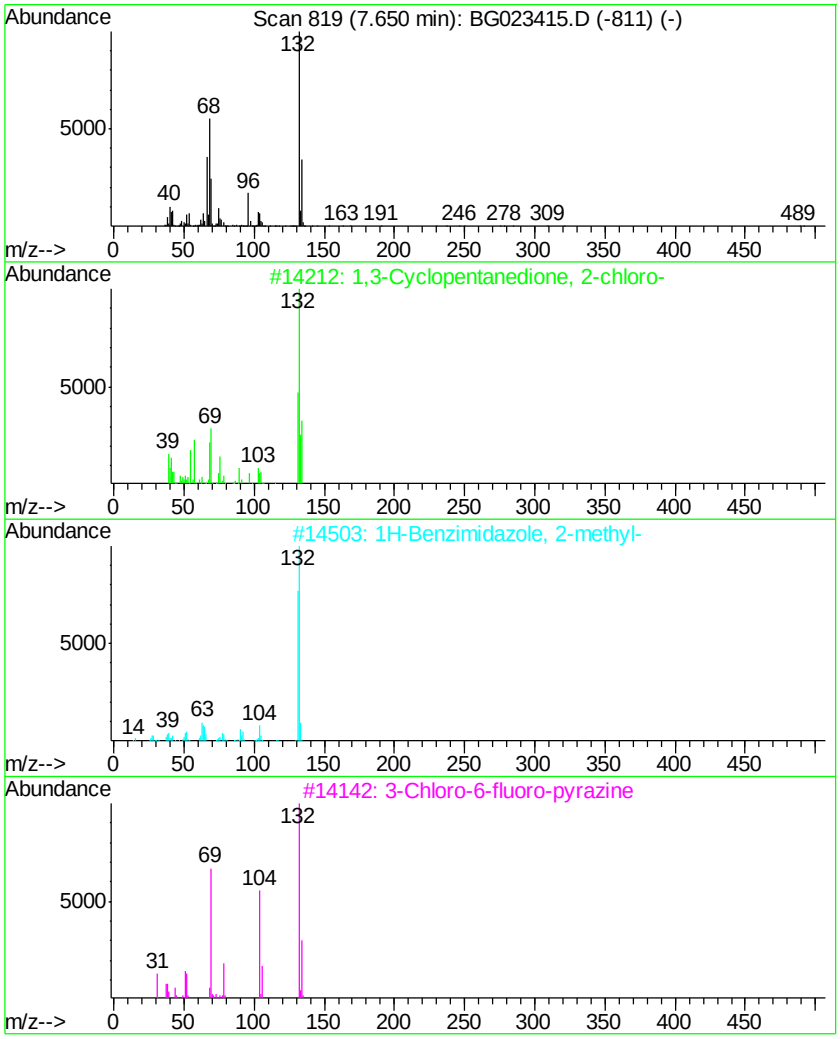
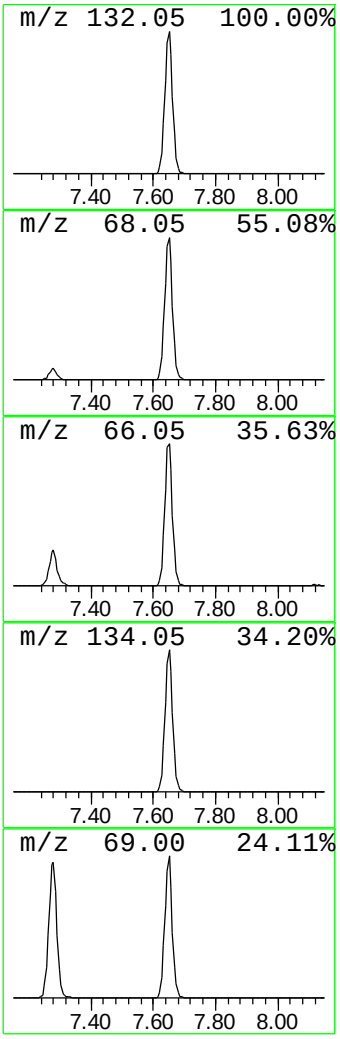
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	128.41 ng	4263690	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	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





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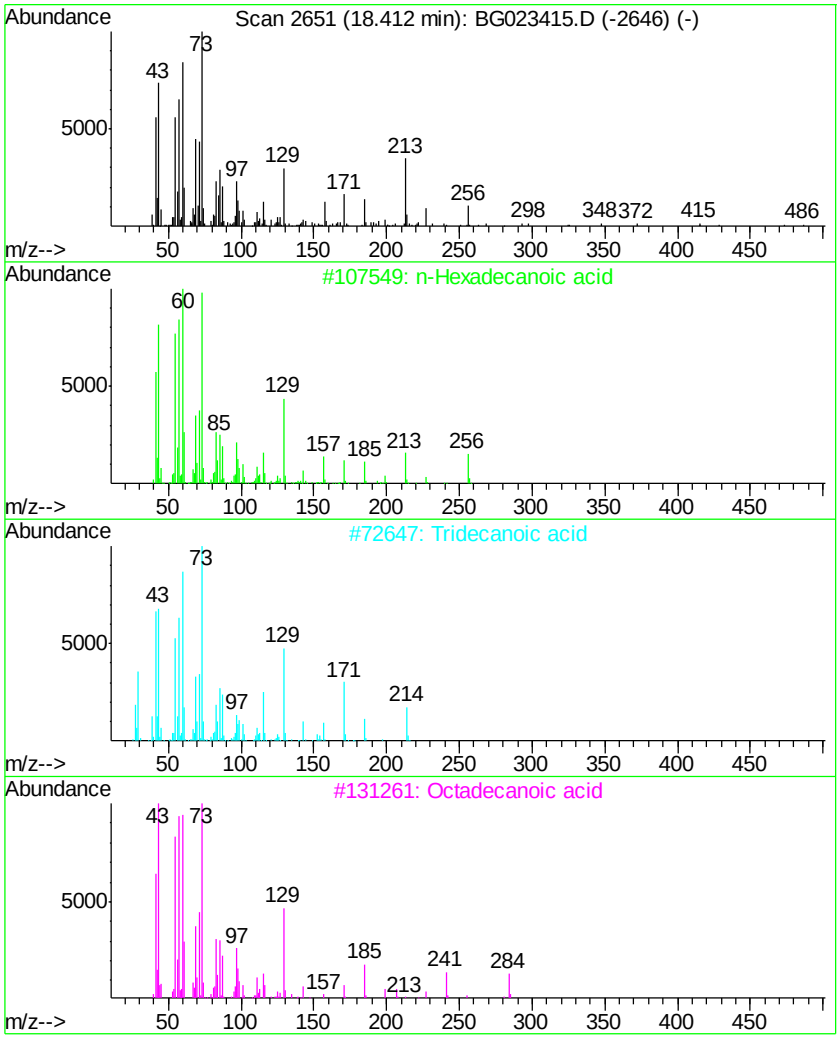
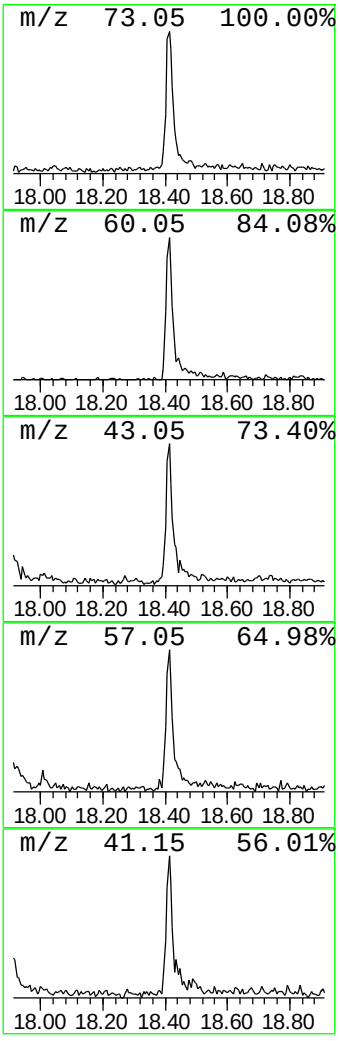
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.67 ng	384080	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.99	2.99	180.6	ng	5994870	1	8.12	664069	20.0
2-Pentanone, 4-hy...	5.18	33.3	ng	1107140	1	8.12	664069	20.0
unknown7.65	7.65	128.4	ng	4263690	1	8.12	664069	20.0
n-Hexadecanoic acid	18.41	2.7	ng	384080	4	17.54	2877830	20.0