LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023377.D
Acq On : 31 Jul 2016 20:59
Operator : UM/SJ
Sample : H4206-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-61A

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-BG072616.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	2.996	22	27	47	rVB	5998457	10158931	75.98%	11.234%
2	5.187	393	400	409	rBV	1245095	1921660	14.37%	2.125%
3	5.663	473	481	491	rBV	3165861	5285932	39.53%	5.845%
4	7.279	747	756	770	rBV	3500497	6359164	47.56%	7.032%
5	7.654	812	820	833	rBV	3219732	5825534	43.57%	6.442%
6	8.124	888	900	911	rBV	551295	982614	7.35%	1.087%
7	8.448	945	955	962	rBV	2231866	3964927	29.65%	4.385%
8	9.299	1092	1100	1110	rBV	2099638	3835015	28.68%	4.241%
9	10.956	1375	1382	1394	rVB	865883	1588662	11.88%	1.757%
10	13.400	1791	1798	1806	rBV	5834332	9397179	70.28%	10.392%
11	14.228	1932	1939	1945	rBV	1724712	2607460	19.50%	2.883%
12	14.786	2027	2034	2042	rBV2	1591614	2626341	19.64%	2.904%
13	15.608	2169	2174	2179	rVB2	165897	209797	1.57%	0.232%
14	16.284	2282	2289	2298	rBV	5894912	9280218	69.40%	10.262%
15	16.472	2317	2321	2329	rBV2	215527	357612	2.67%	0.395%
16	17.271	2452	2457	2461	rBV	178823	207558	1.55%	0.230%
17	17.547	2497	2504	2511	rBV2	2187326	3499441	26.17%	3.870%
18	18.416	2646	2652	2662	rBV	592844	934734	6.99%	1.034%
19	19.685	2863	2868	2877	rBV	390971	609221	4.56%	0.674%
20	20.155	2941	2948	2954	rBV	9635505	13371312	100.00%	14.787%
21	21.471	3166	3172	3188	rBV4	158743	563426	4.21%	0.623%
22	21.683	3203	3208	3209	rBV	203831	237227	1.77%	0.262%
23	21.859	3231	3238	3245	rVB2	1942997	3275931	24.50%	3.623%
24	25.237	3802	3813	3824	rBV3	1114343	3328699	24.89%	3.681%

Sum of corrected areas: 90428595

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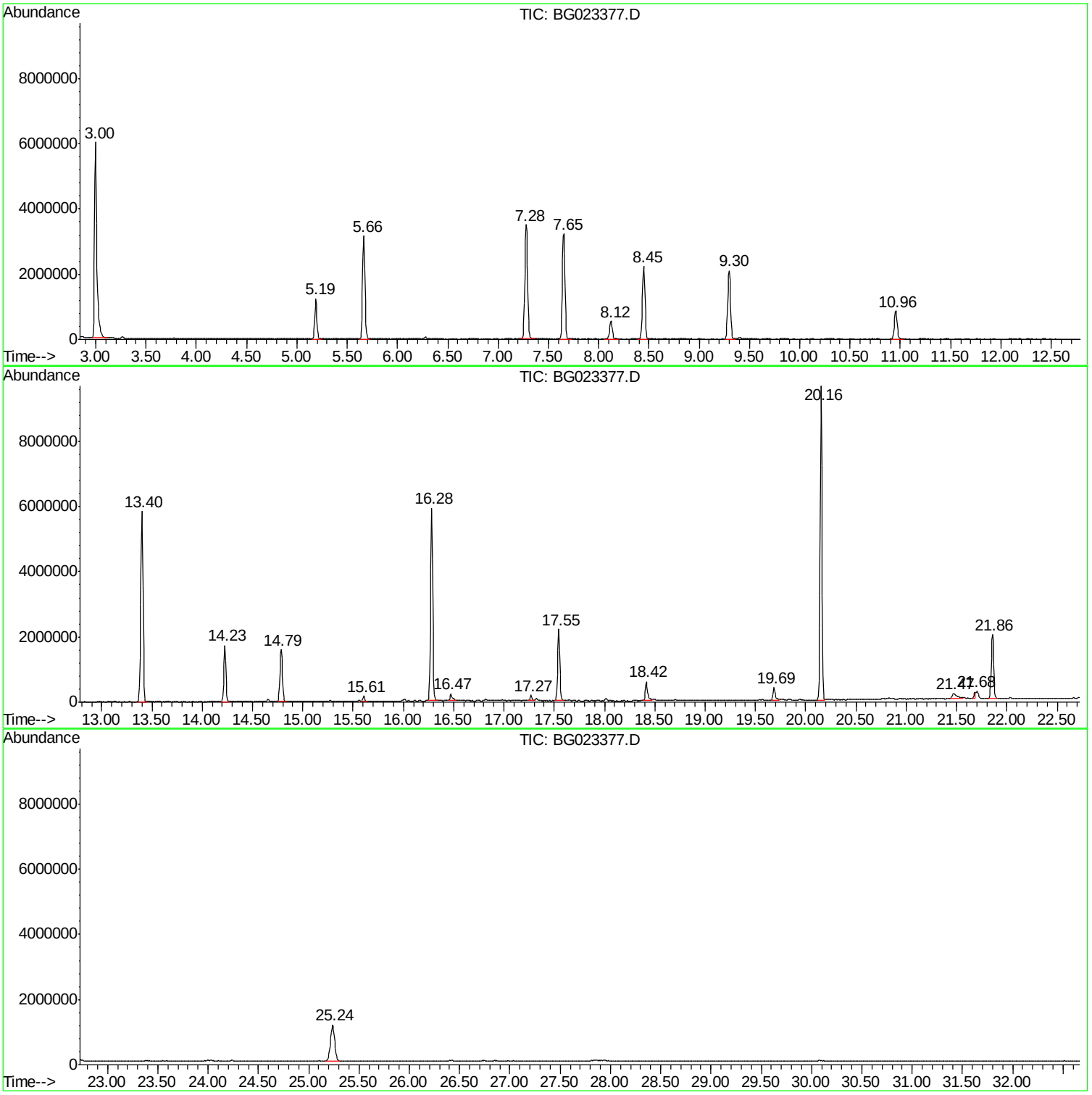
Instrument :
BNA_G
ClientSampleId :
LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023377.D
Acq On : 31 Jul 2016 20:59
Operator : UM/SJ
Sample : H4206-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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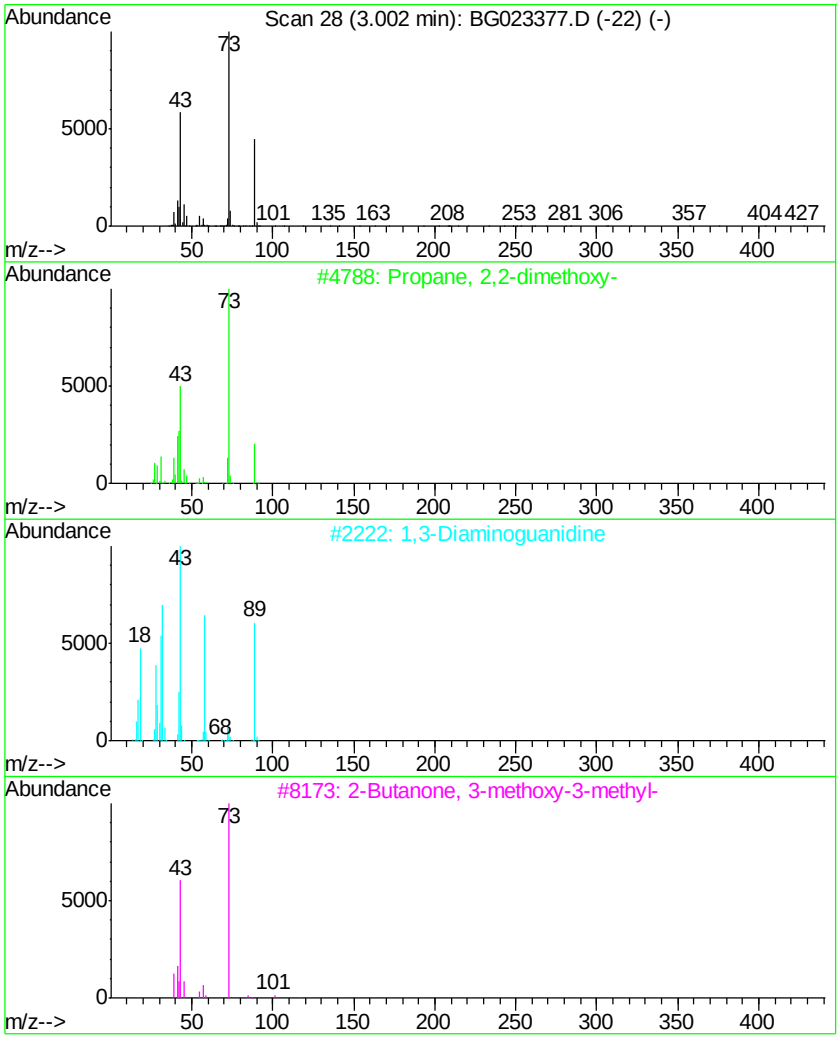
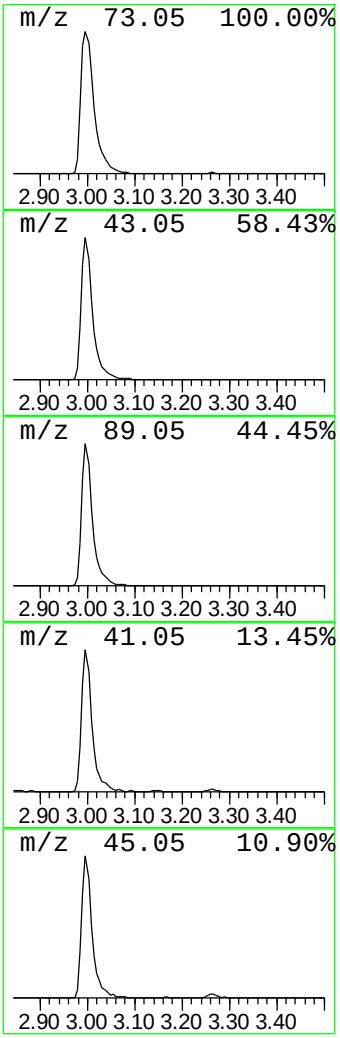
Peak Number 1 unknown3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	206.77 ng	10158900	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	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





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Acq On : 31 Jul 2016 20:59
Operator : UM/SJ
Sample : H4206-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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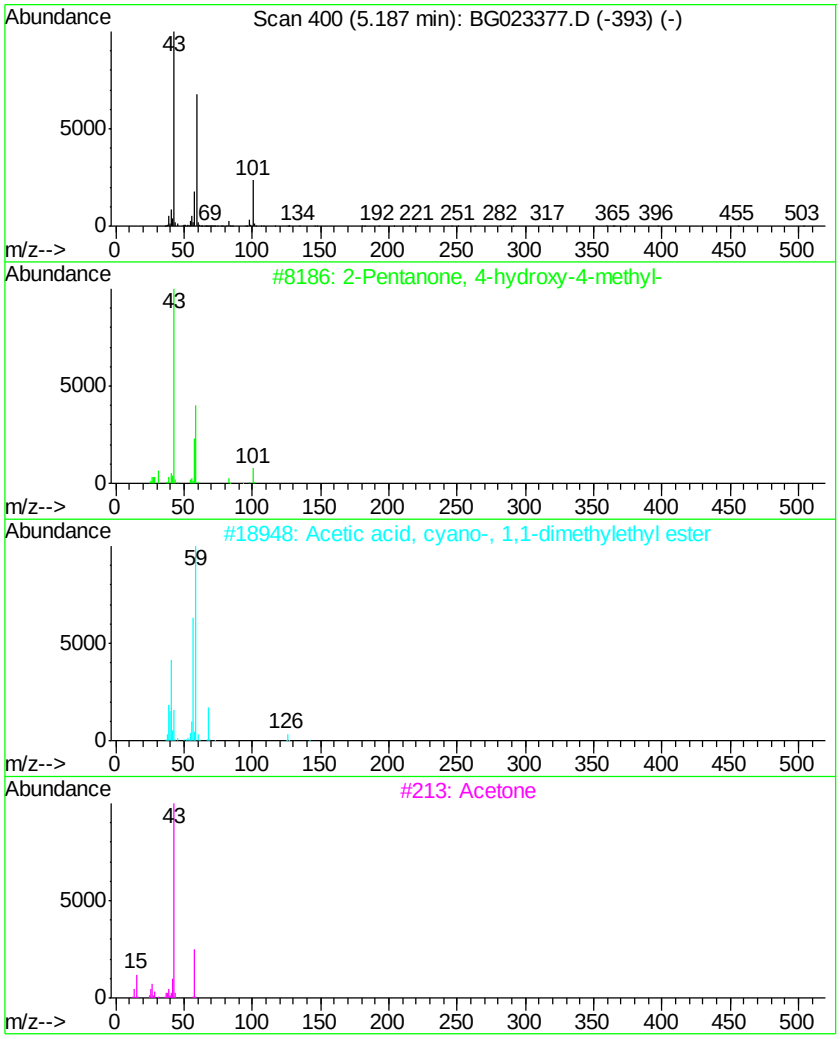
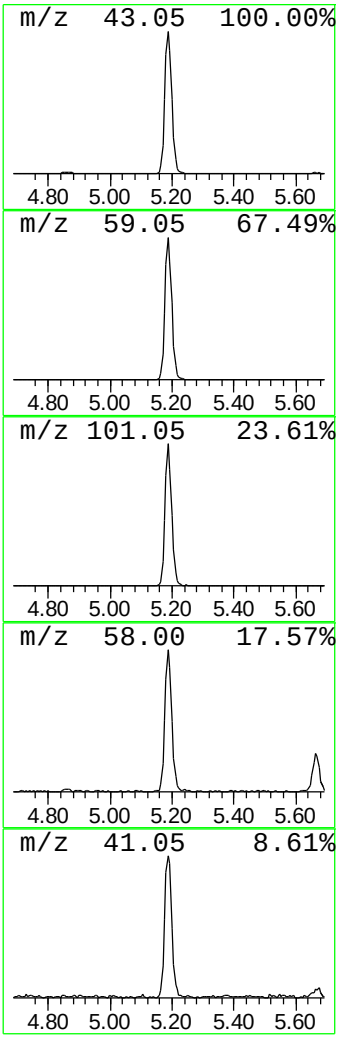
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	39.11 ng	1921660	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	17
3	Acetone	58	C3H6O	000067-64-1	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023377.D
Acq On : 31 Jul 2016 20:59
Operator : UM/SJ
Sample : H4206-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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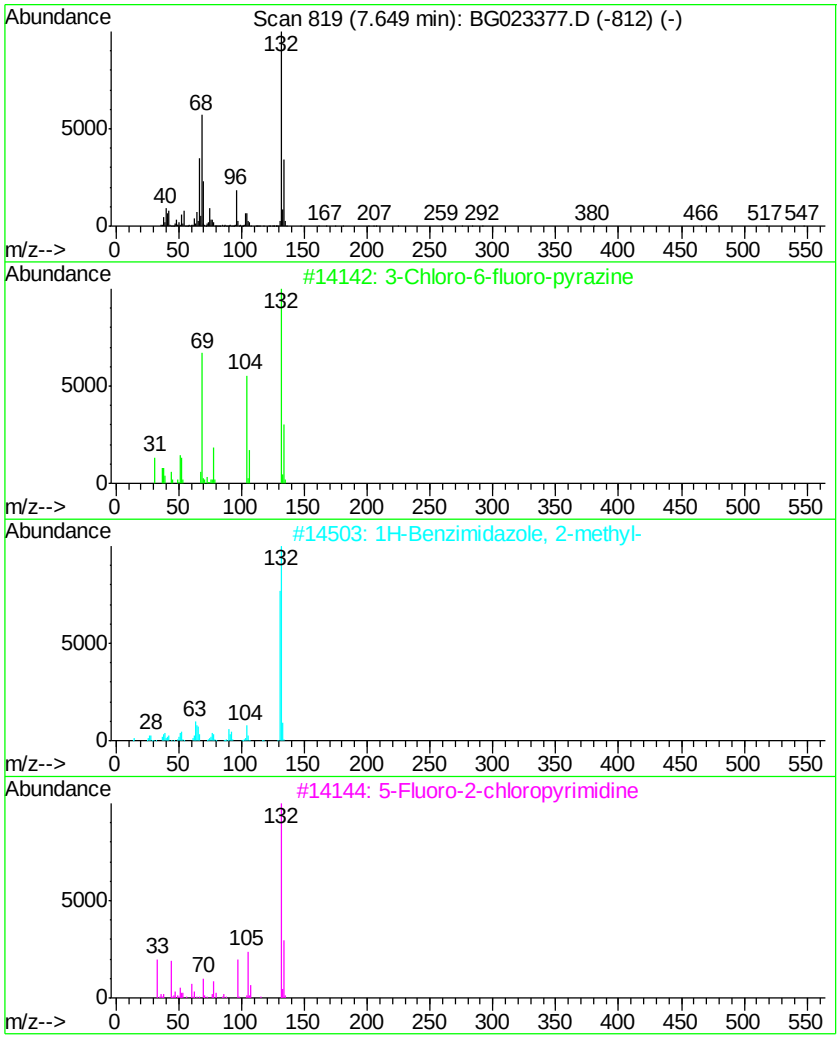
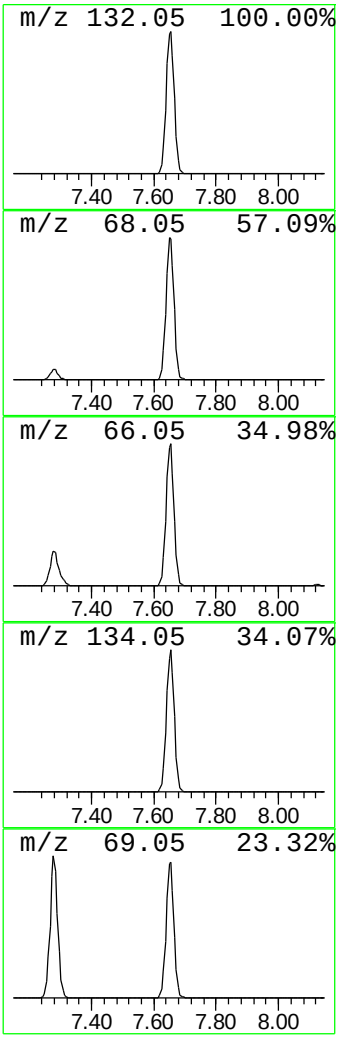
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	118.57 ng	5825530	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





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Acq On : 31 Jul 2016 20:59
Operator : UM/SJ
Sample : H4206-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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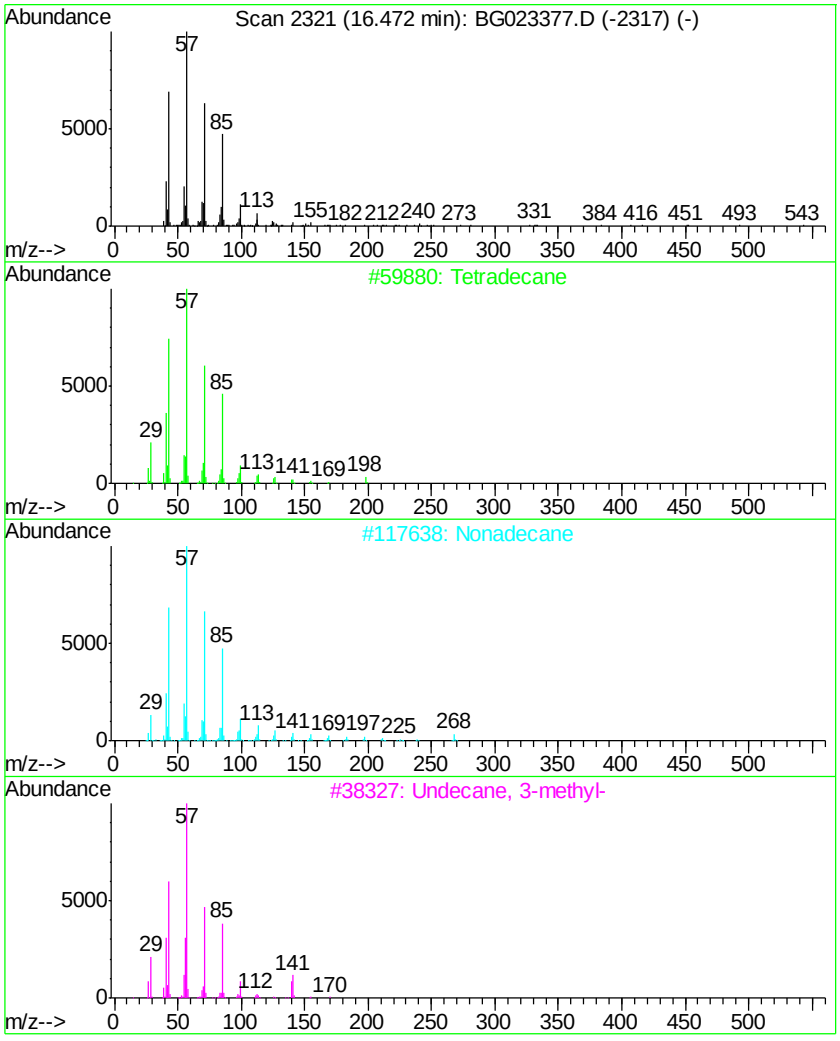
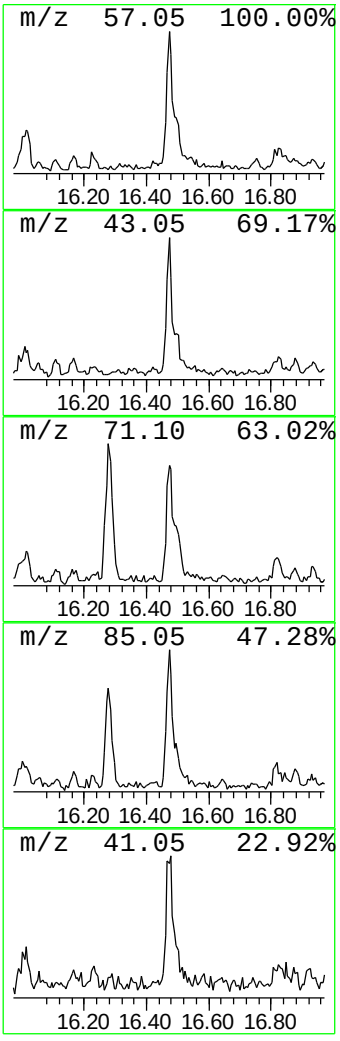
Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.04 ng	357612	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Nonadecane	268	C19H40	000629-92-5	78
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Instrument : BNA_G
ClientSampleId : LOCATION-61A

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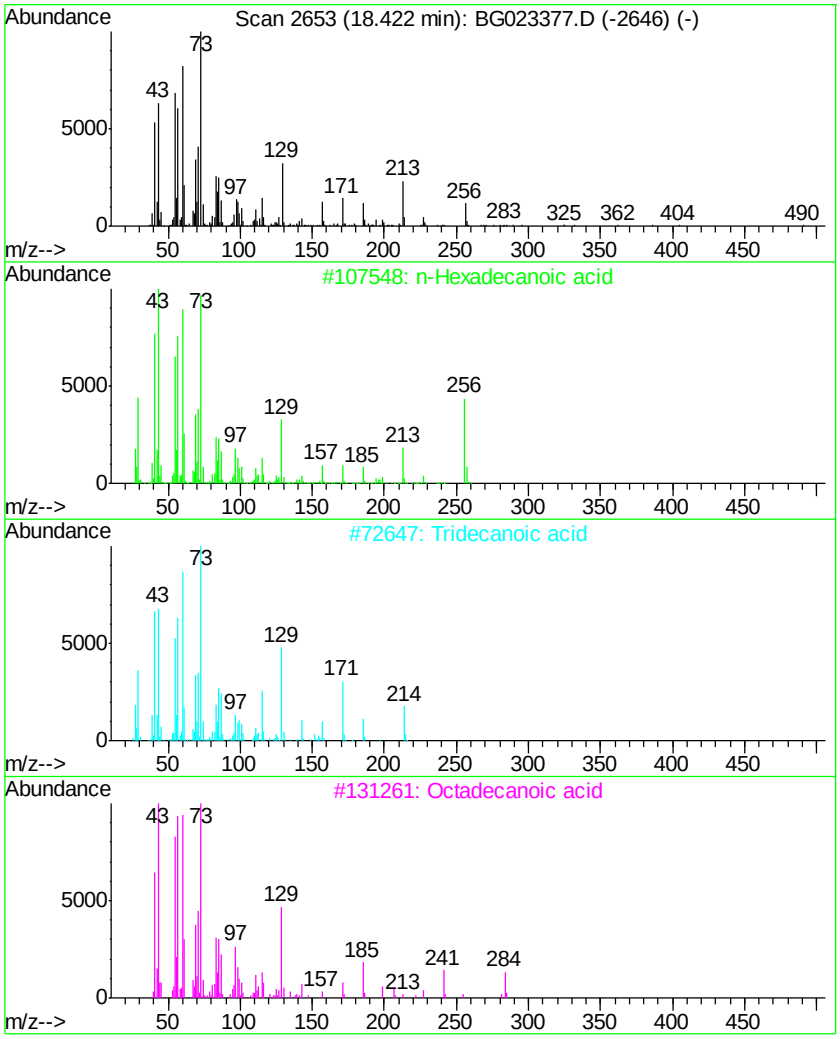
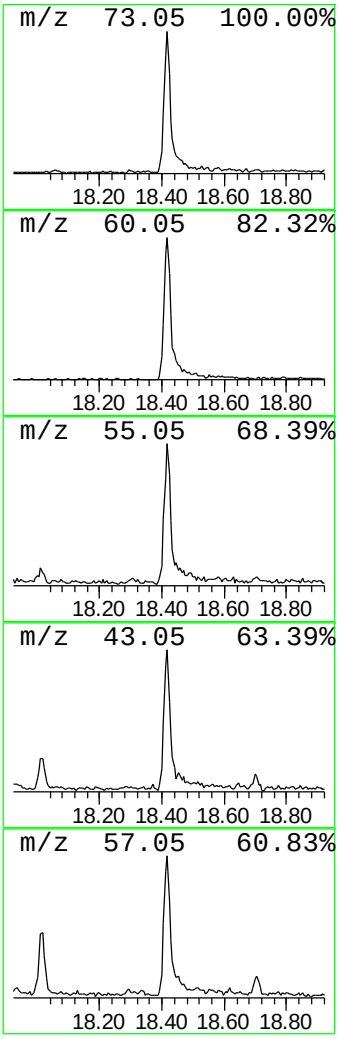
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.34 ng	934734	Phenanthrene-d10	17.55

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	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Instrument : BNA_G
ClientSampleId : LOCATION-61A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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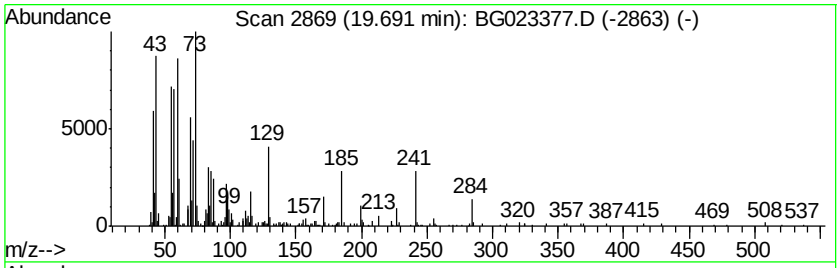
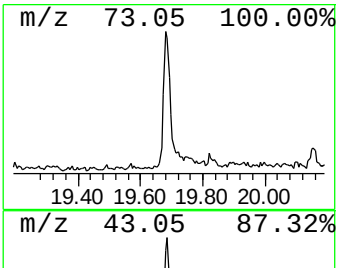
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.48 ng	609221	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





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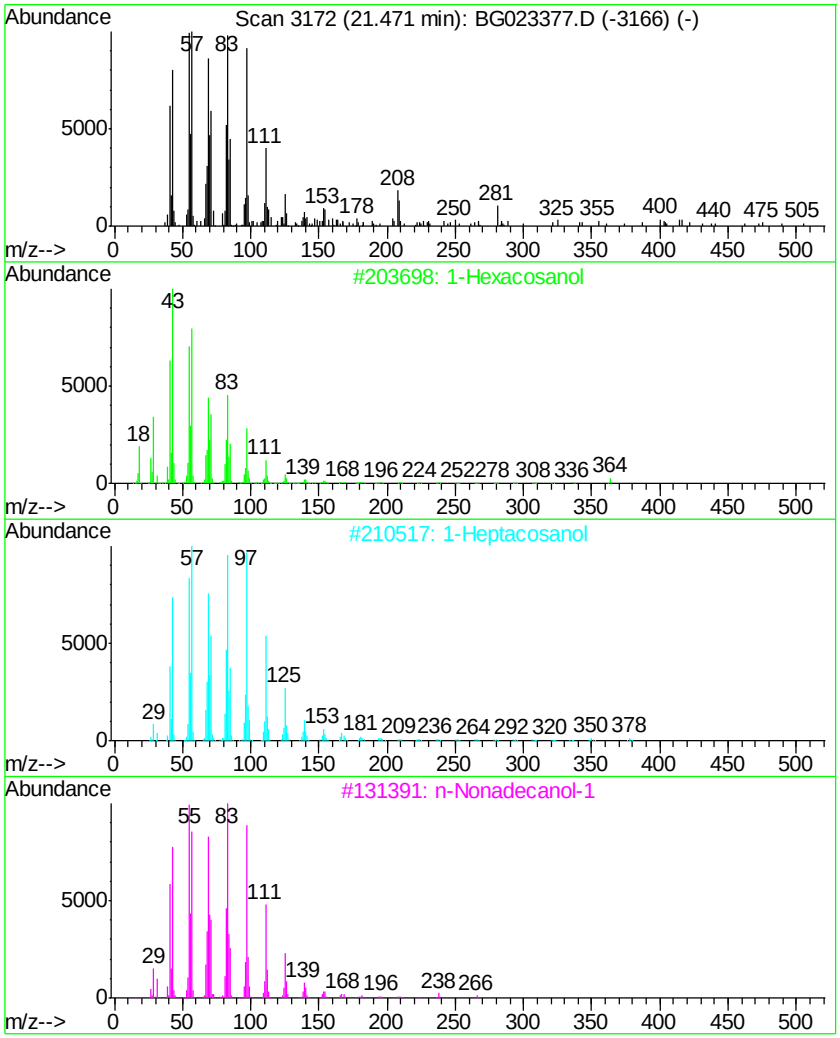
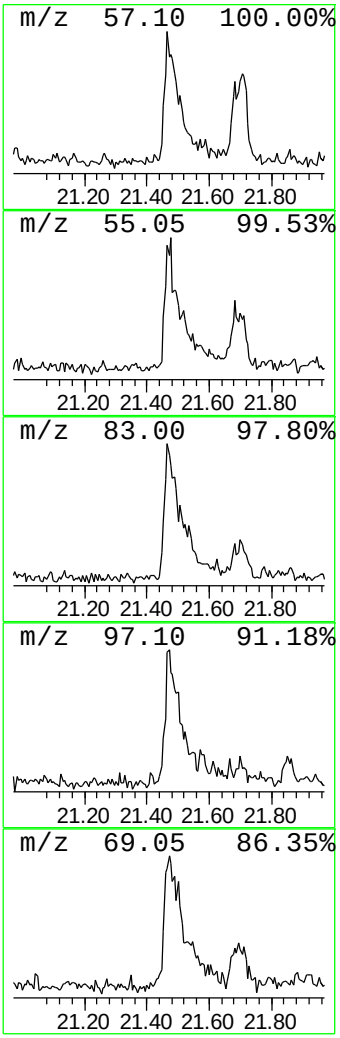
Peak Number 8 1-Hexacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.44 ng	563426	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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
unknown3.00	3.00	206.8	ng	10158900	1	8.12	982614	20.0
2-Pentanone, 4-hy...	5.19	39.1	ng	1921660	1	8.12	982614	20.0
unknown7.65	7.65	118.6	ng	5825530	1	8.12	982614	20.0
Tetradecane	16.47	2.0	ng	357612	4	17.55	3499440	20.0
n-Hexadecanoic acid	18.42	5.3	ng	934734	4	17.55	3499440	20.0
Octadecanoic acid	19.69	3.5	ng	609221	4	17.55	3499440	20.0
1-Hexacosanol	21.47	3.4	ng	563426	5	21.86	3275930	20.0