LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023369.D
Acq On : 31 Jul 2016 15:35
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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	44	rBV	2495353	3796344	34.55%	4.903%
2	5.187	394	400	410	rBV	1062172	1677238	15.26%	2.166%
3	5.663	474	481	495	rBV	3137536	5212051	47.43%	6.731%
4	7.279	748	756	767	rBV	3373507	6050960	55.07%	7.815%
5	7.654	811	820	830	rBV	3151283	5653800	51.45%	7.302%
6	8.124	890	900	907	rBV	562750	976217	8.88%	1.261%
7	8.448	947	955	964	rBV	2190596	3853813	35.07%	4.977%
8	9.299	1092	1100	1109	rBV	2071709	3776511	34.37%	4.877%
9	10.956	1374	1382	1392	rVB	861458	1567657	14.27%	2.025%
10	13.400	1790	1798	1808	rBV	5295080	8384282	76.30%	10.828%
11	14.228	1932	1939	1945	rBV	891569	1318033	11.99%	1.702%
12	14.786	2027	2034	2043	rVB2	1589071	2598350	23.65%	3.356%
13	15.608	2169	2174	2180	rVB	148068	197943	1.80%	0.256%
14	16.014	2235	2243	2247	rBV5	51173	110837	1.01%	0.143%
15	16.278	2282	2288	2298	rBV	4712354	7305209	66.48%	9.435%
16	16.472	2316	2321	2331	rBV	201377	348003	3.17%	0.449%
17	17.271	2453	2457	2461	rBV	92567	124337	1.13%	0.161%
18	17.547	2497	2504	2513	rBV	2267576	3608249	32.84%	4.660%
19	18.287	2626	2630	2636	rBV4	128497	206685	1.88%	0.267%
20	18.416	2647	2652	2662	rBV	836714	1245100	11.33%	1.608%
21	19.685	2864	2868	2878	rBV	247083	381770	3.47%	0.493%
22	20.155	2941	2948	2954	rBV	7988220	10988559	100.00%	14.192%
23	21.471	3168	3172	3179	rBV9	69031	199747	1.82%	0.258%
24	21.859	3231	3238	3248	rVB	2038316	3451170	31.41%	4.457%
25	23.592	3527	3533	3541	rVB	559295	1067452	9.71%	1.379%
26	25.242	3803	3814	3828	rVB3	1098863	3328608	30.29%	4.299%

Sum of corrected areas: 77428925

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
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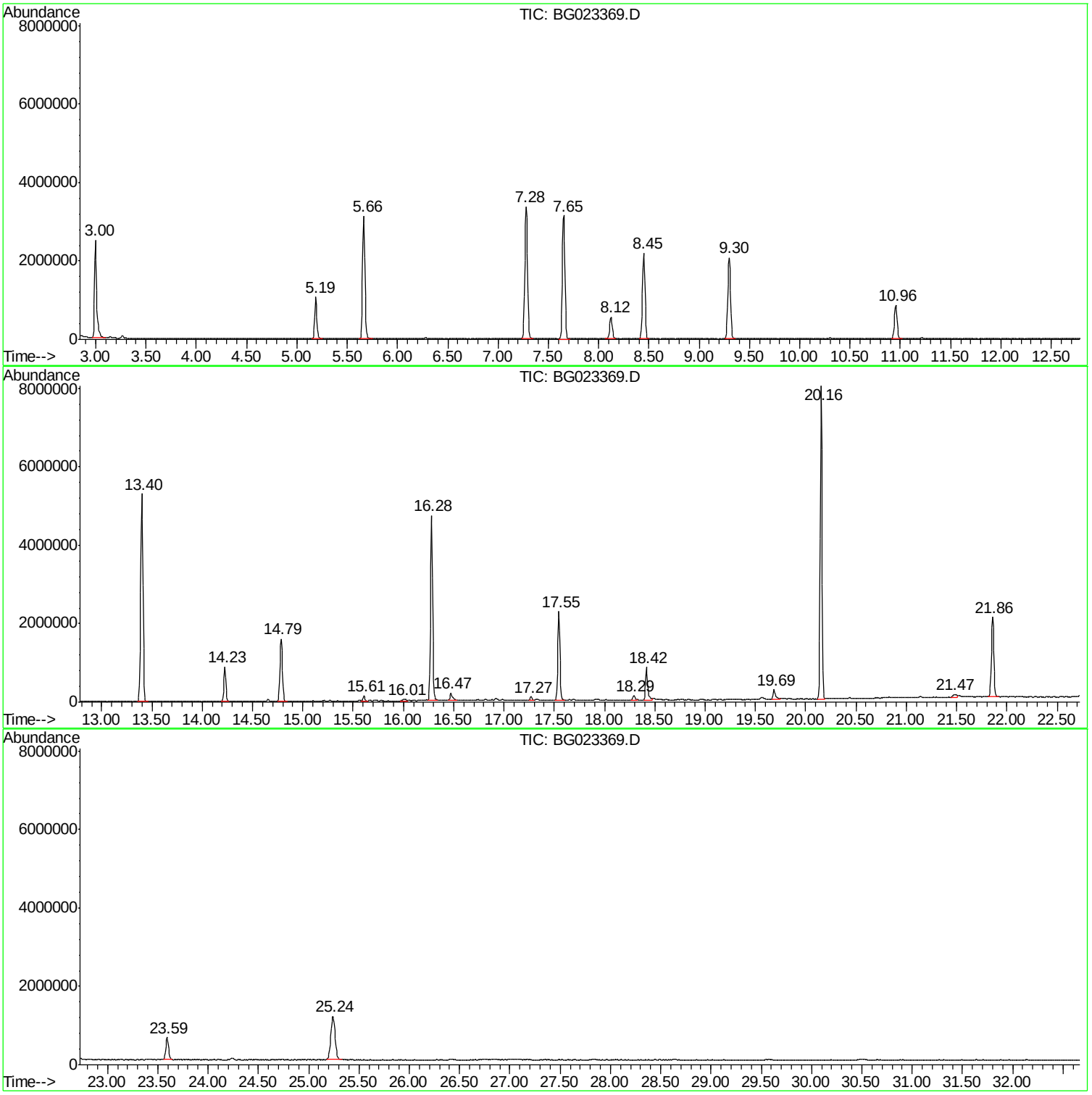
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023369.D
Acq On : 31 Jul 2016 15:35
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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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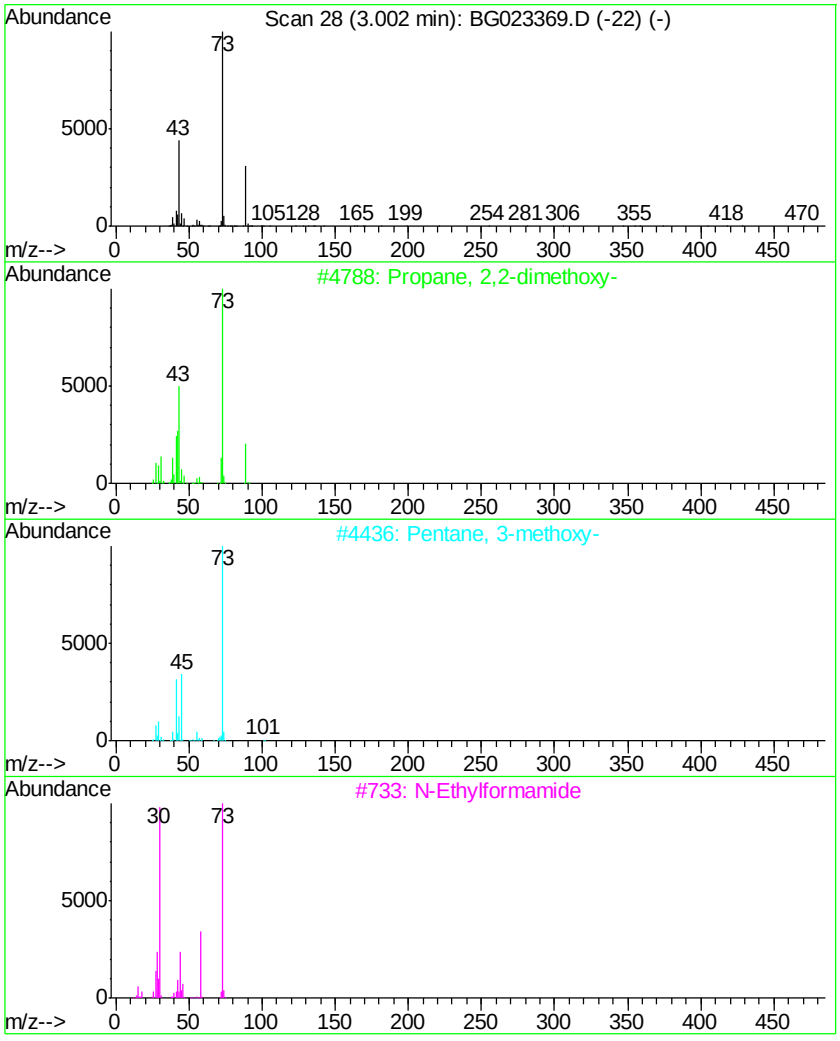
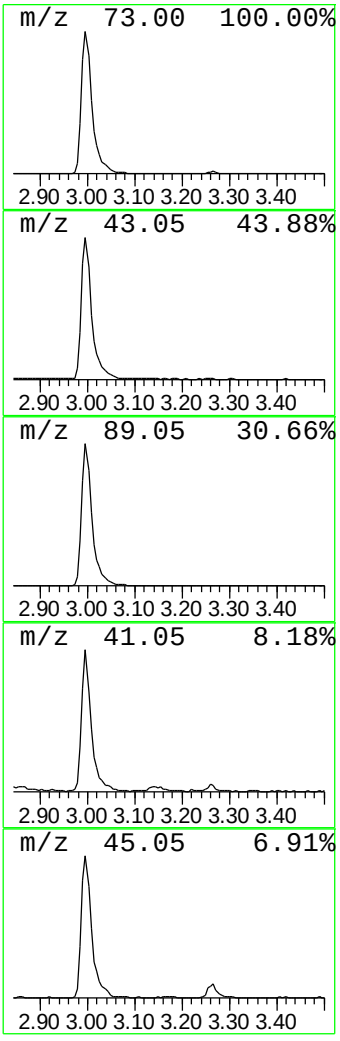
Peak Number 1 unknown3.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	77.78 ng	3796340	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023369.D
Acq On : 31 Jul 2016 15:35
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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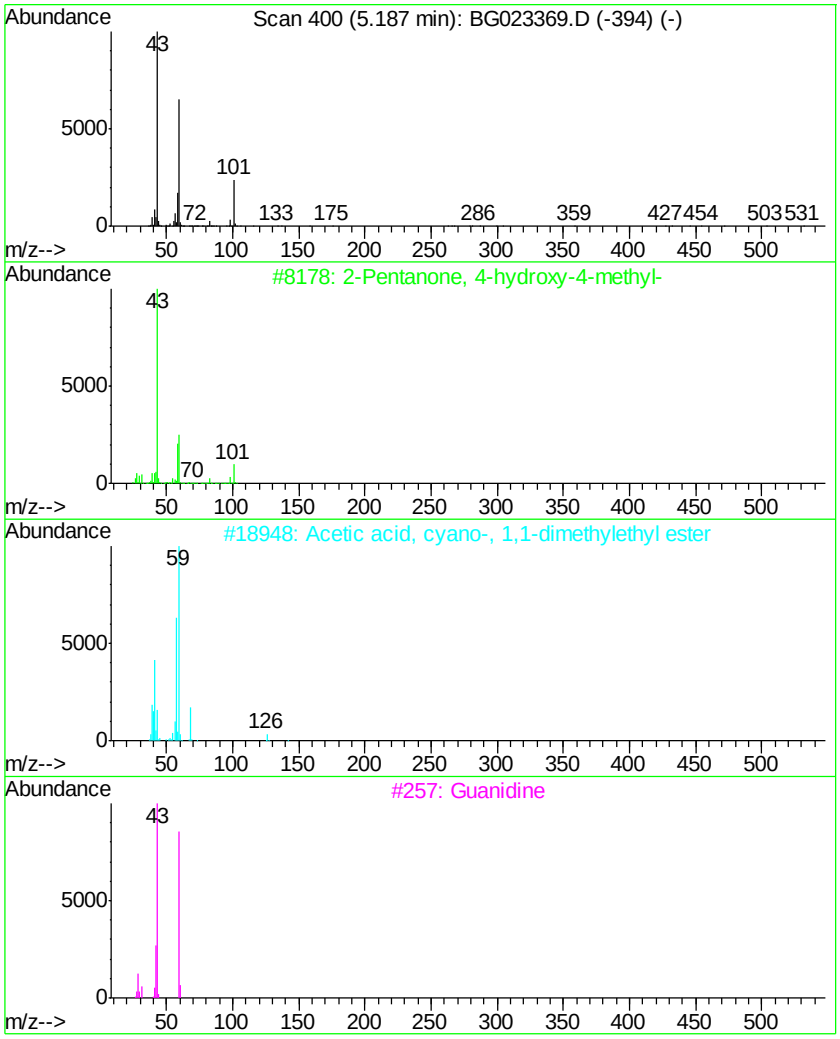
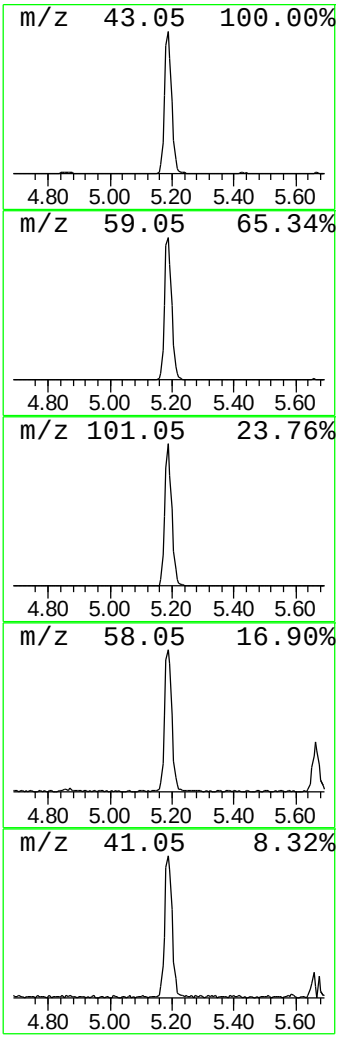
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	34.36 ng	1677240	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023369.D
Acq On : 31 Jul 2016 15:35
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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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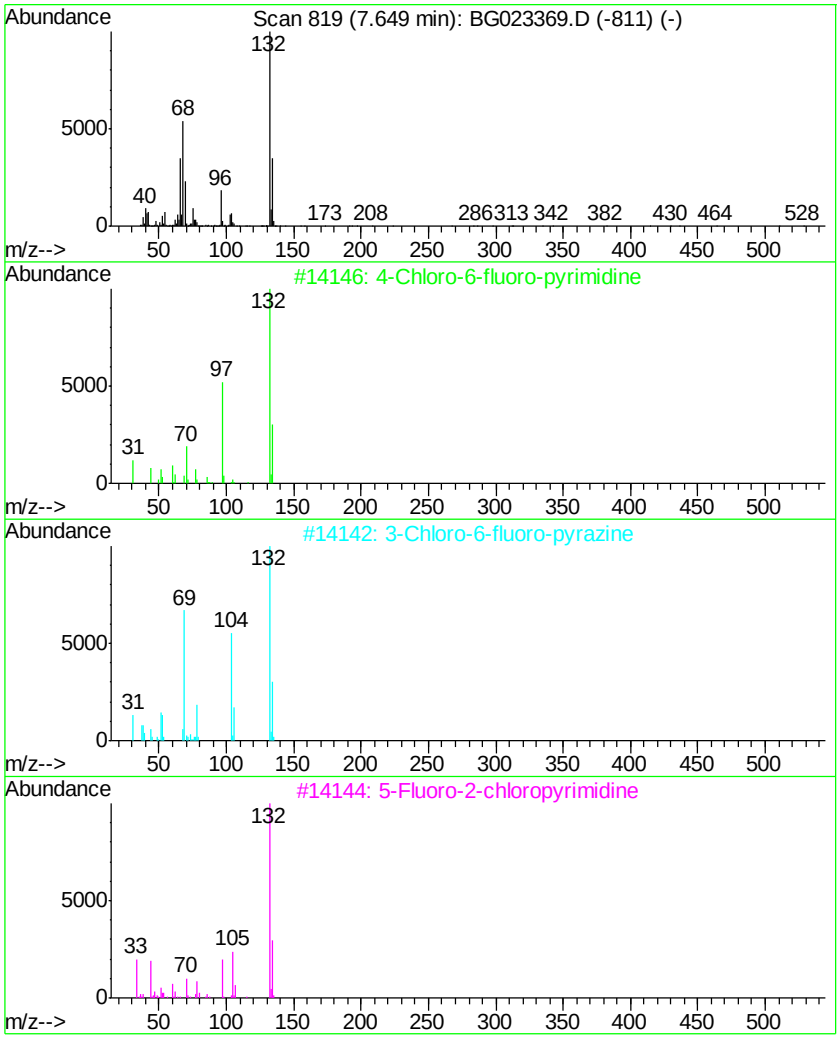
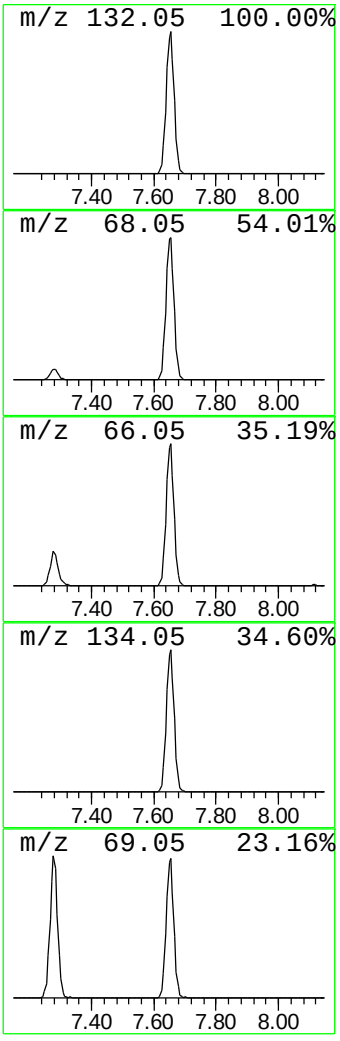
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	115.83 ng	5653800	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
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Acq On : 31 Jul 2016 15:35
Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

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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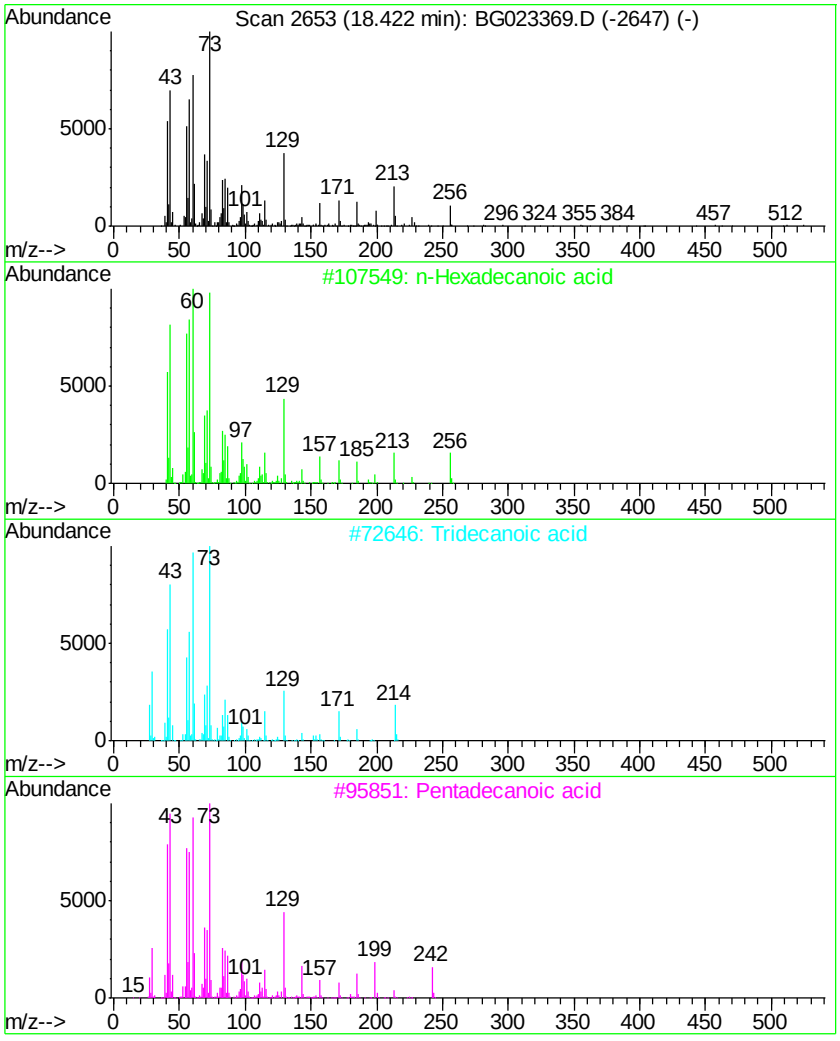
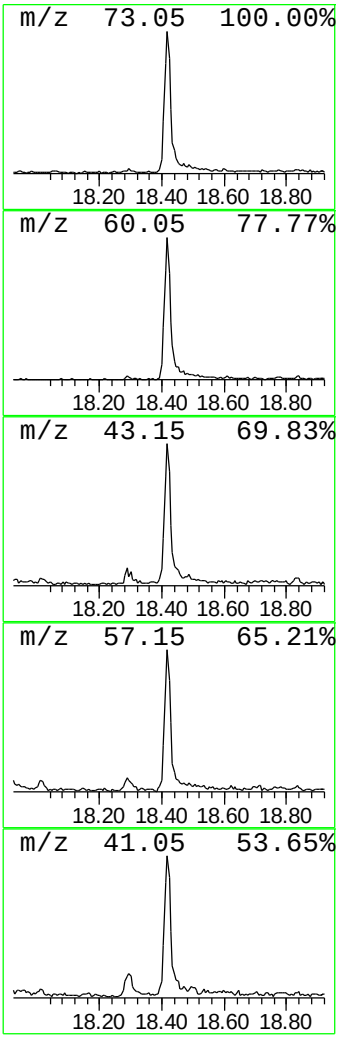
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.90 ng	1245100	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





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Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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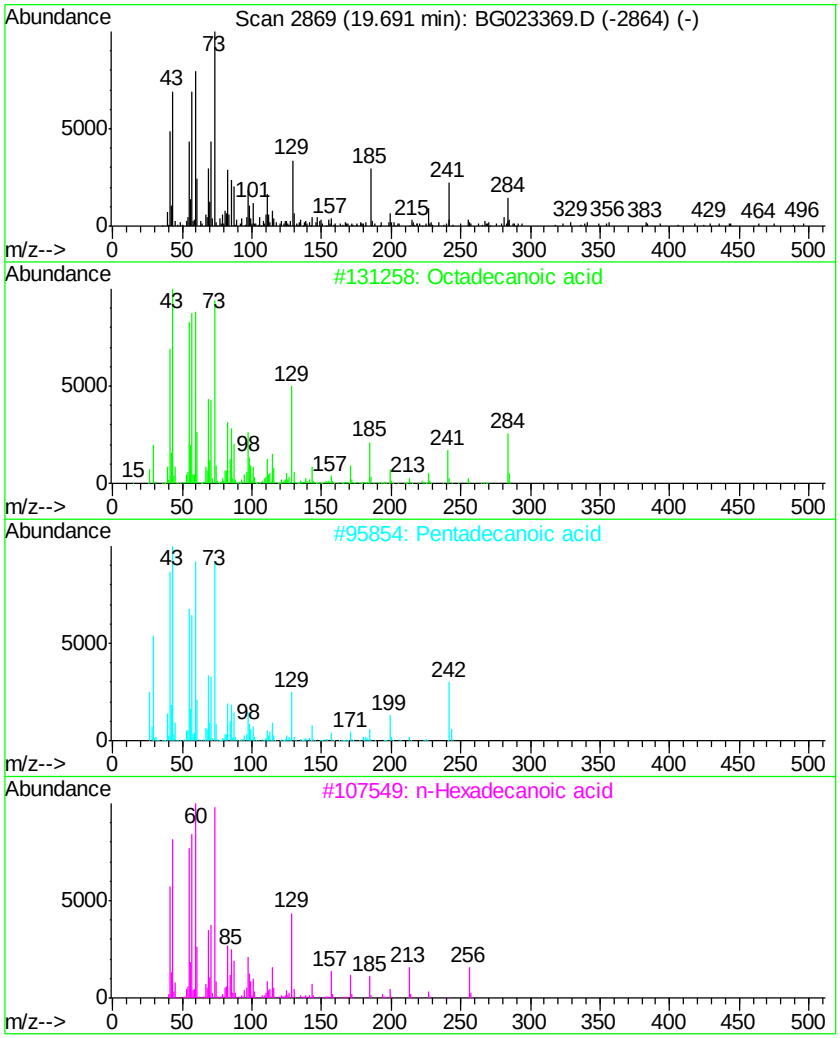
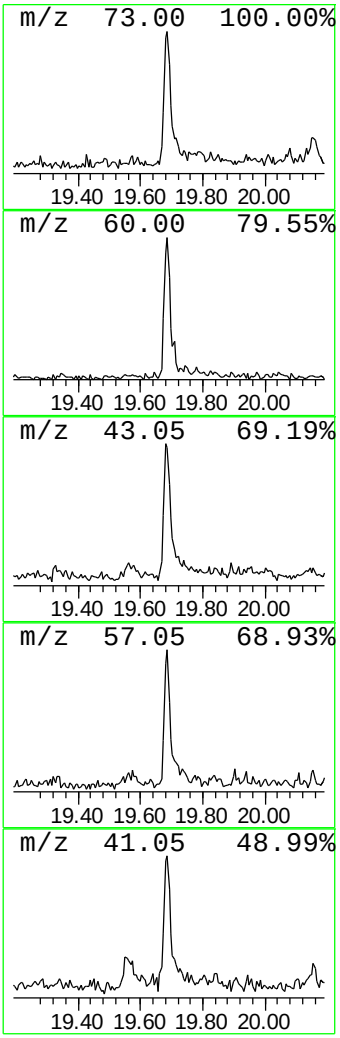
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.12 ng	381770	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Operator : UM/SJ
Sample : H4285-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-SLOPE(0-4)K

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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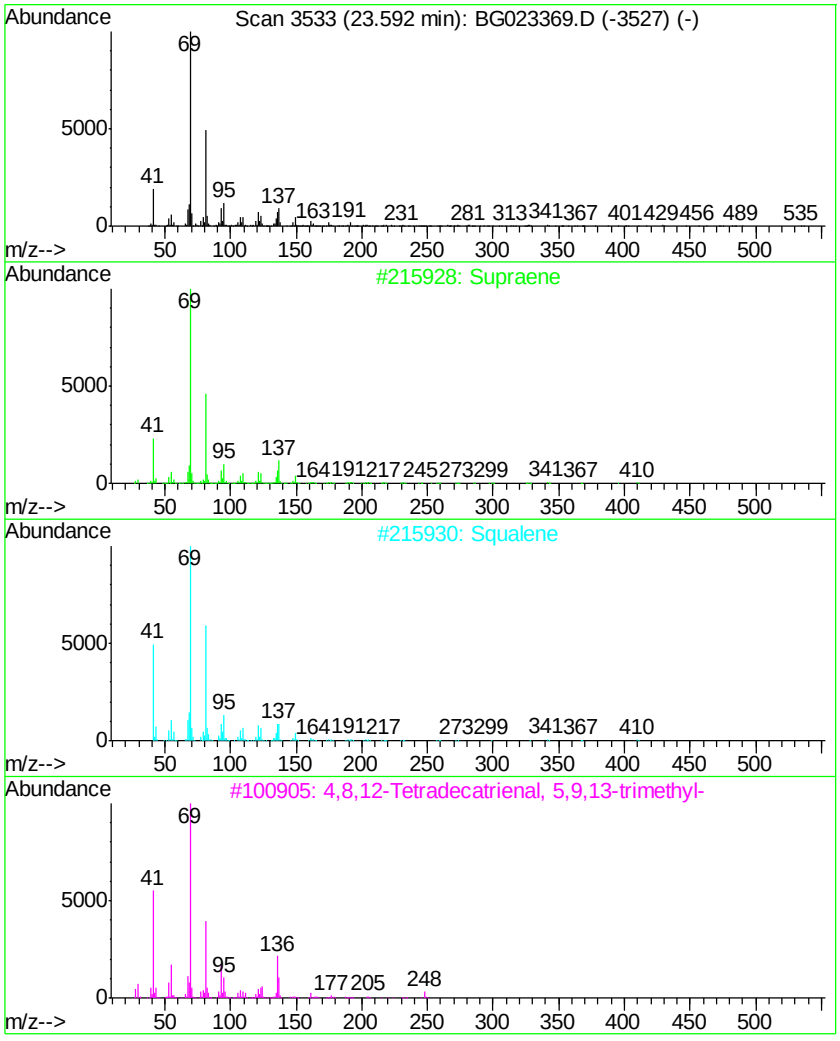
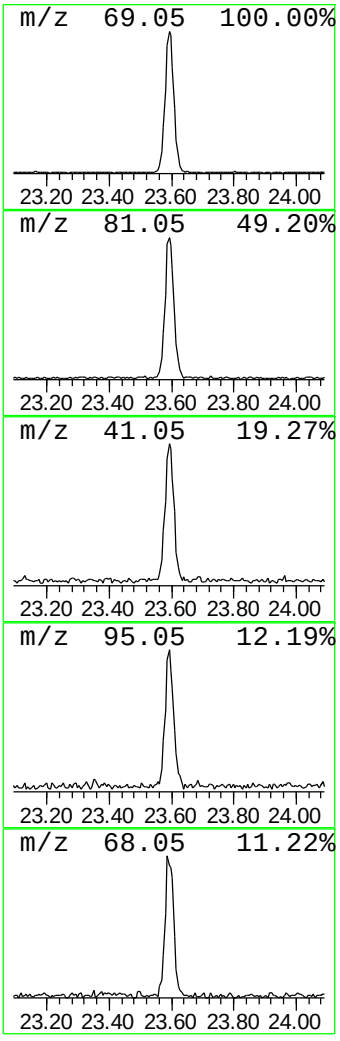
Peak Number 7 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	6.41 ng	1067450	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	000111-02-4	95
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.00	3.00	77.8	ng	3796340	1	8.12	976217	20.0
2-Pentanone, 4-hy...	5.19	34.4	ng	1677240	1	8.12	976217	20.0
unknown7.65	7.65	115.8	ng	5653800	1	8.12	976217	20.0
n-Hexadecanoic acid	18.42	6.9	ng	1245100	4	17.55	3608250	20.0
Octadecanoic acid	19.69	2.1	ng	381770	4	17.55	3608250	20.0
Supraene	23.59	6.4	ng	1067450	6	25.24	3328610	20.0