LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023301.D
Acq On : 28 Jul 2016 3:00
Operator : UM/SJ
Sample : H4152-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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-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	3.472	102	108	119	rBV	585555	1039250	8.02%	1.462%
2	5.199	394	402	410	rBV	201699	327156	2.53%	0.460%
3	5.675	475	483	494	rBV	2565133	4253252	32.83%	5.984%
4	7.290	750	758	770	rBV	2279379	3962670	30.59%	5.575%
5	7.666	814	822	835	rBV	3100759	5570812	43.00%	7.838%
6	8.136	892	902	909	rBV	654535	1137284	8.78%	1.600%
7	8.465	948	958	966	rBV	2317236	4152955	32.05%	5.843%
8	9.311	1093	1102	1111	rBV	2127846	3884758	29.98%	5.466%
9	10.974	1377	1385	1392	rBV	938281	1699593	13.12%	2.391%
10	13.423	1793	1802	1810	rBV	5651745	9265640	71.52%	13.037%
11	14.246	1937	1942	1947	rBV	176503	270762	2.09%	0.381%
12	14.810	2030	2038	2046	rBV2	1533863	2603135	20.09%	3.663%
13	16.307	2285	2293	2306	rBV	5171484	8278952	63.90%	11.648%
14	16.507	2322	2327	2337	rVB2	76458	145821	1.13%	0.205%
15	17.570	2501	2508	2518	rBV2	2094162	3292005	25.41%	4.632%
16	18.446	2652	2657	2663	rBV2	207523	379324	2.93%	0.534%
17	19.715	2868	2873	2886	rBV2	269972	662150	5.11%	0.932%
18	20.179	2946	2952	2958	rBV	8970707	12955864	100.00%	18.229%
19	21.894	3237	3244	3251	rBV2	2069470	3534914	27.28%	4.974%
20	24.385	3662	3668	3682	rVB2	74500	258284	1.99%	0.363%
21	25.301	3813	3824	3836	rVB2	1149252	3399043	26.24%	4.782%

Sum of corrected areas: 71073624

LSC Report - Integrated Chromatogram

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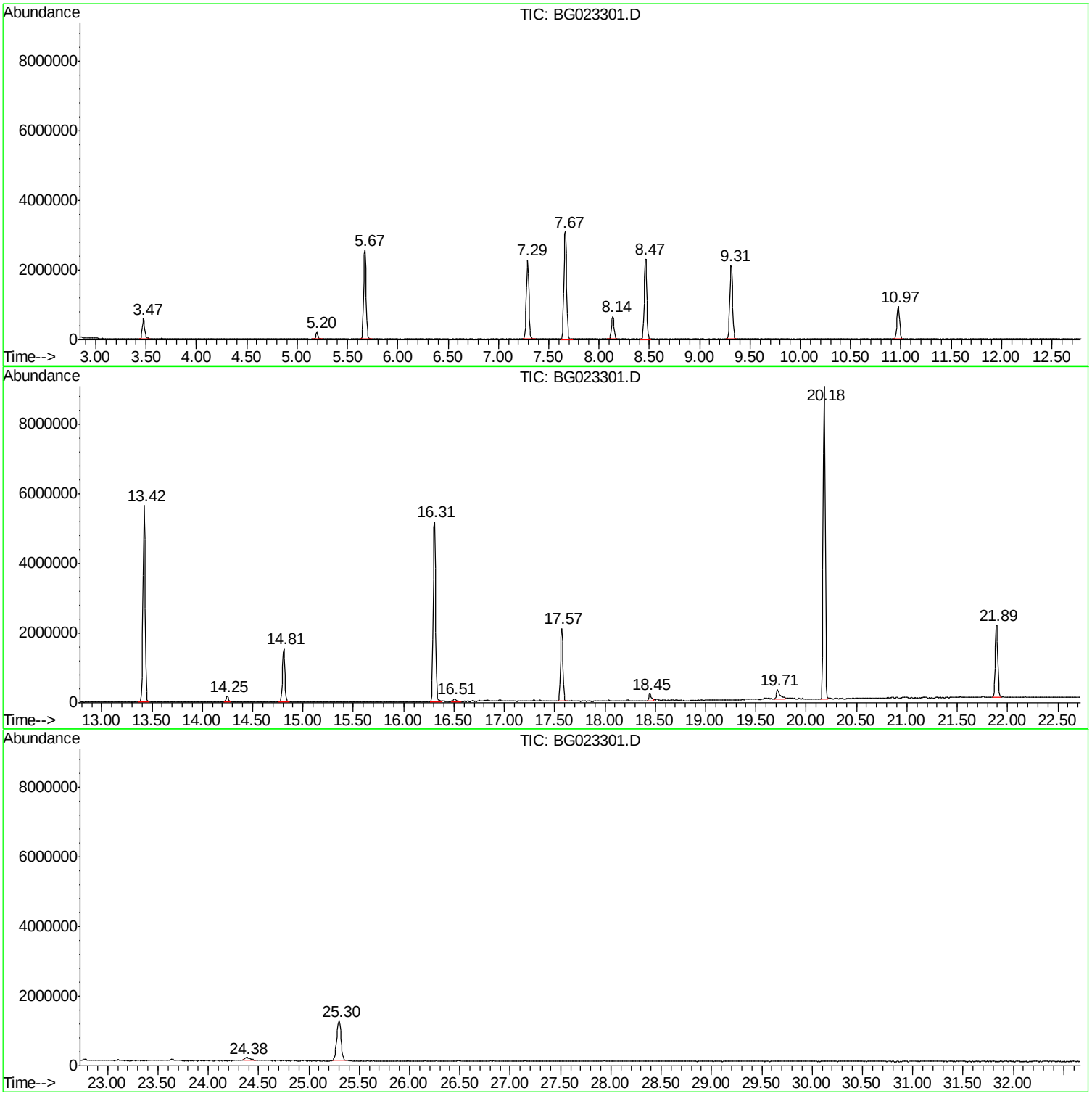
Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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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Data File : BG023301.D
Acq On : 28 Jul 2016 3:00
Operator : UM/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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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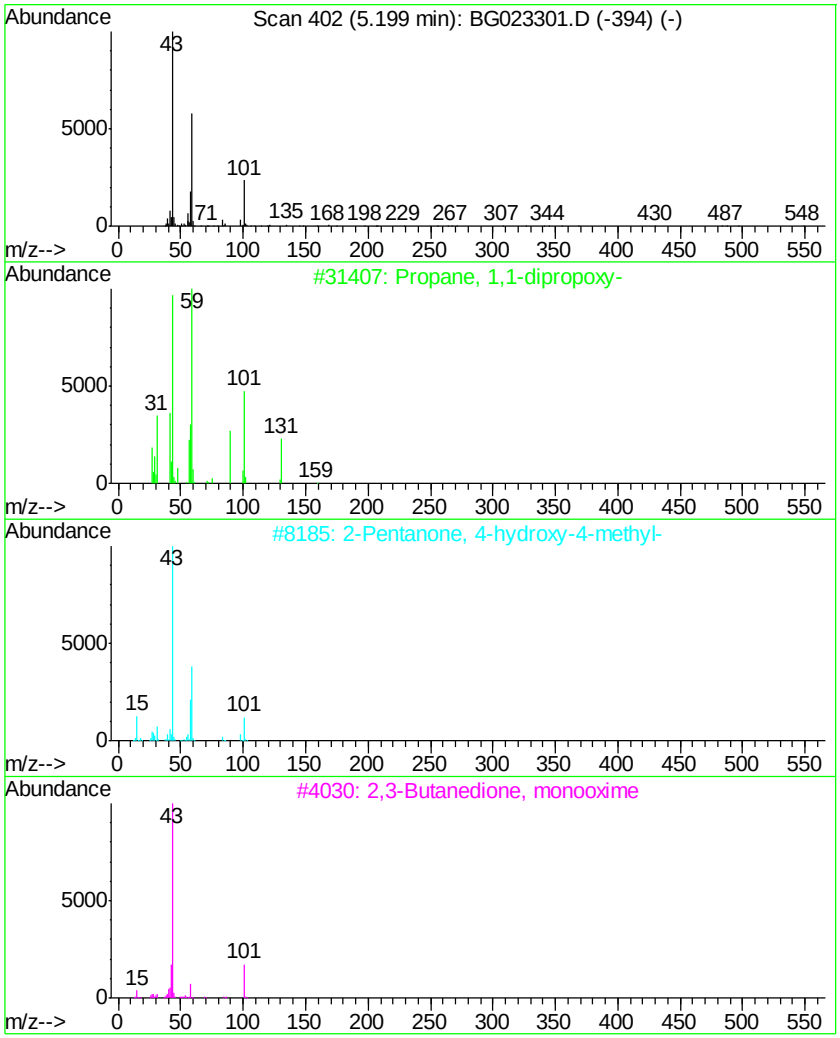
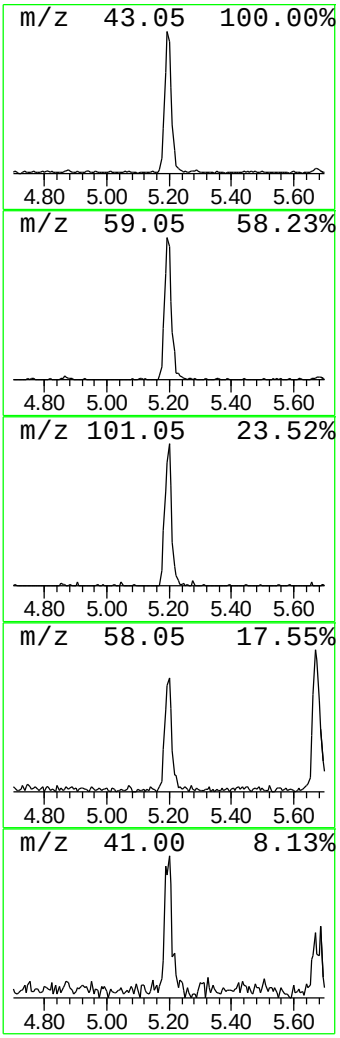
Peak Number 2 unknown5.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.75 ng	327156	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023301.D
Acq On : 28 Jul 2016 3:00
Operator : UM/SJ
Sample : H4152-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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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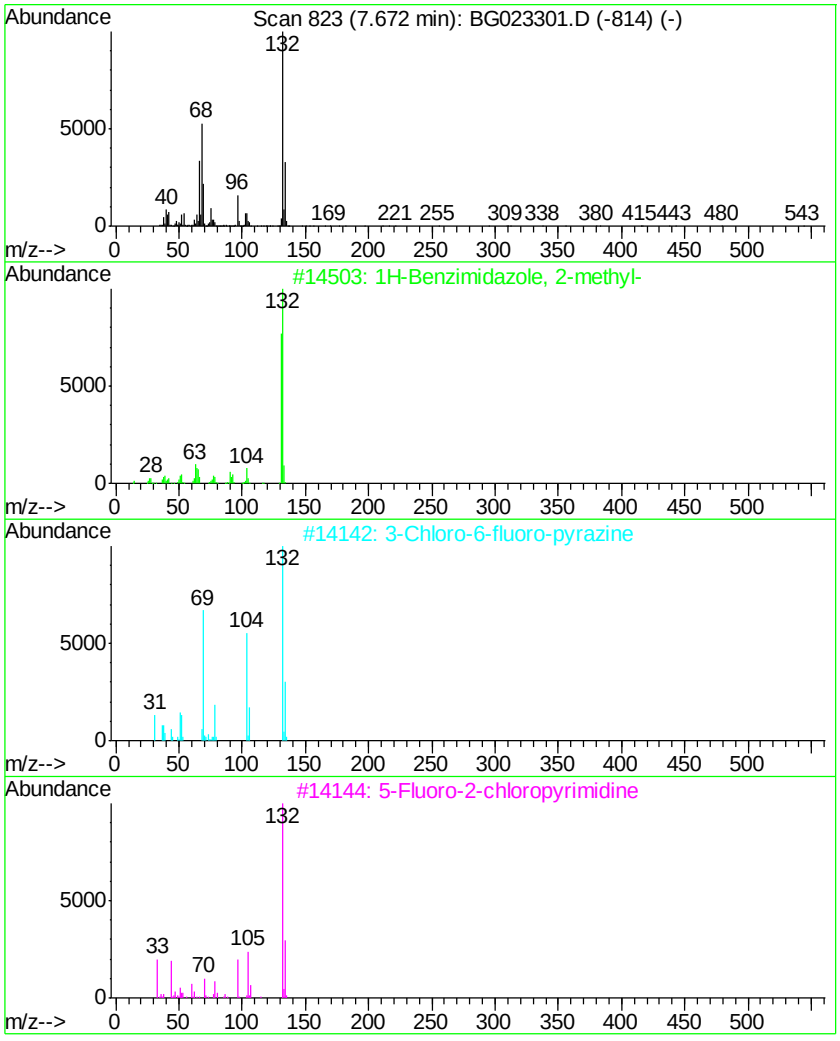
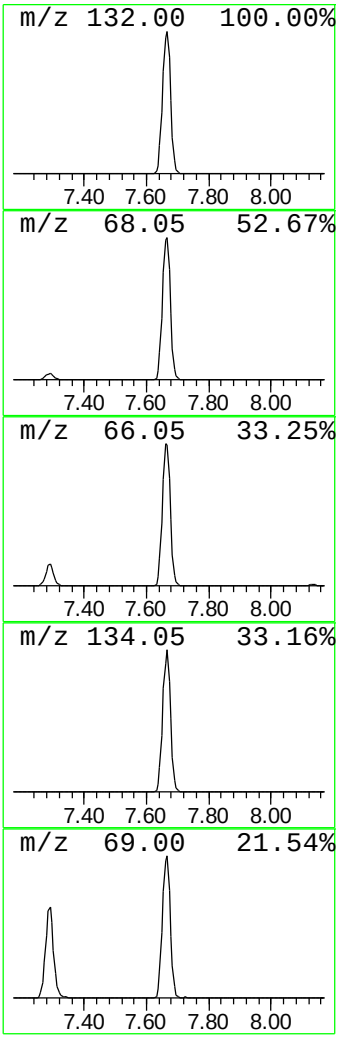
Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	97.97 ng	5570810	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Data File : BG023301.D
Acq On : 28 Jul 2016 3:00
Operator : UM/SJ
Sample : H4152-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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
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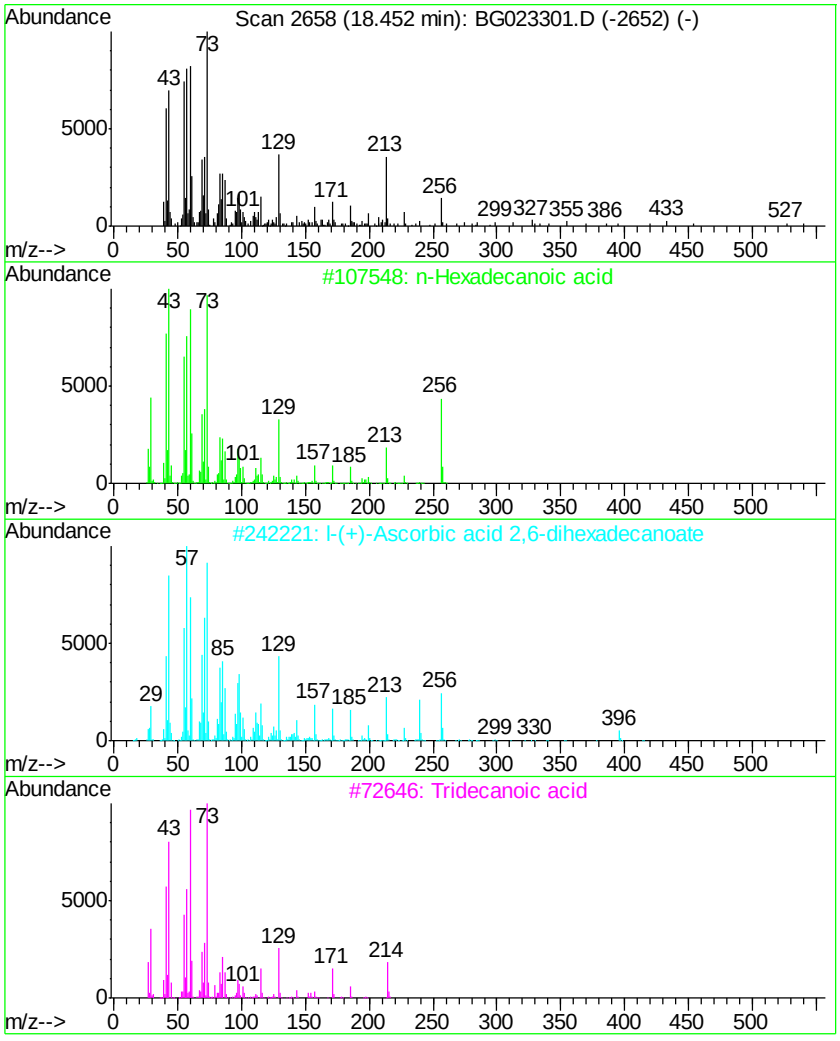
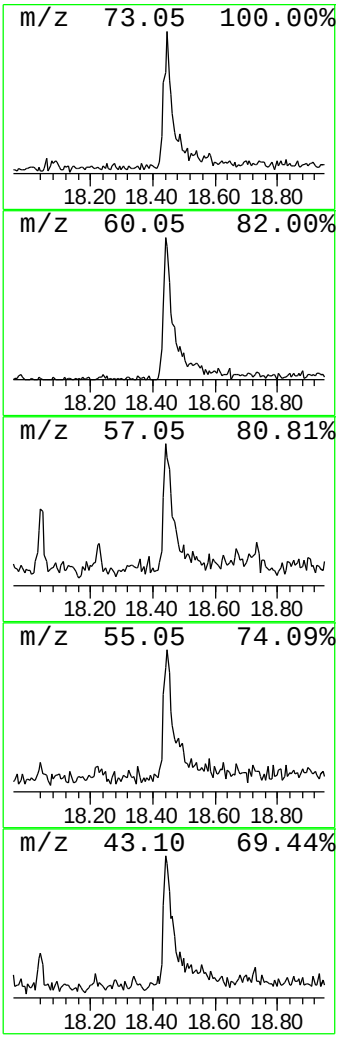
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.30 ng	379324	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	18
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	18





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Operator : UM/SJ
Sample : H4152-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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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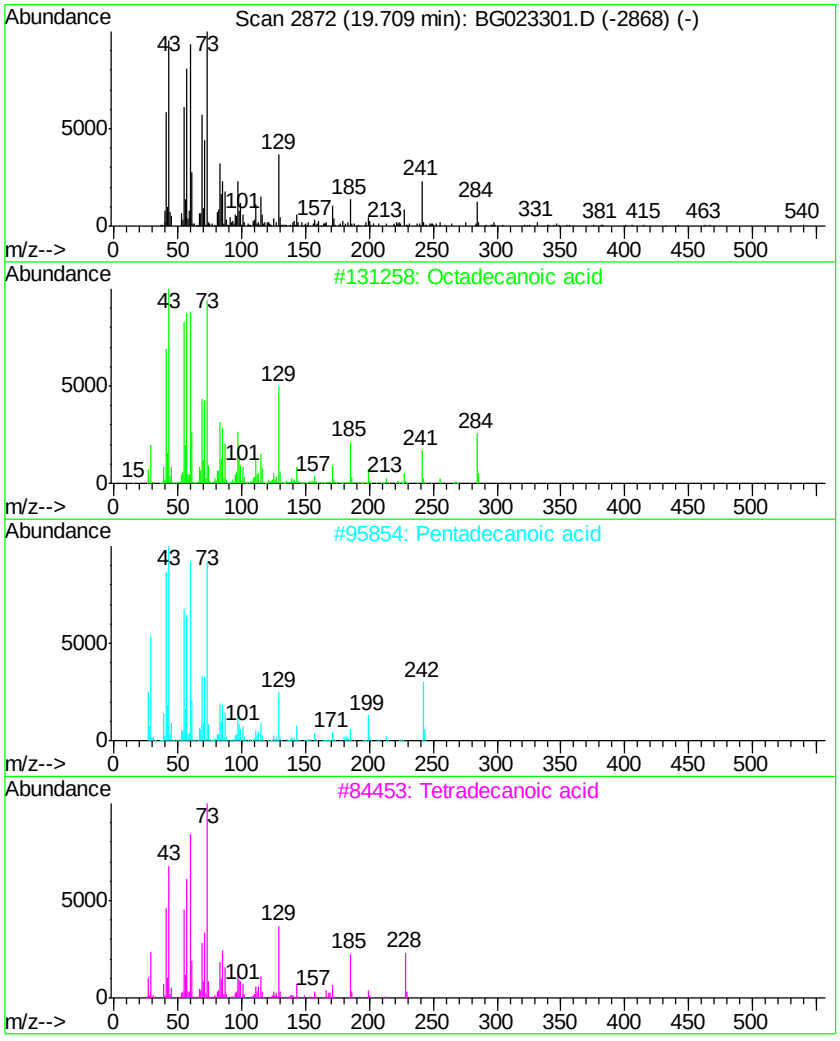
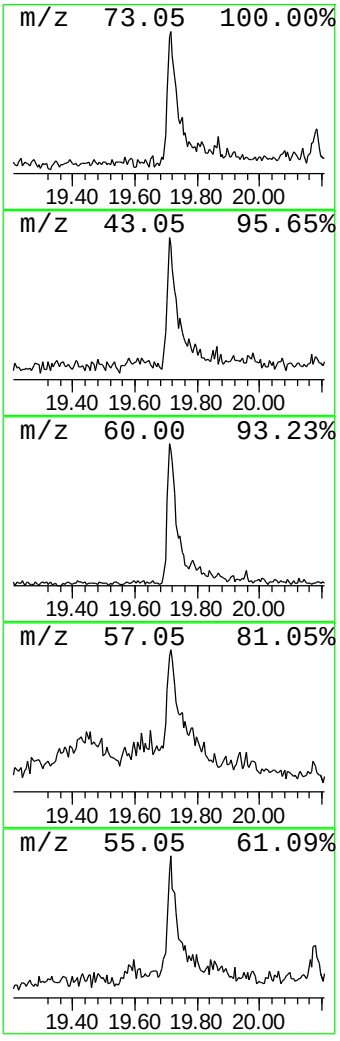
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.02 ng	662150	Phenanthrene-d10	17.57

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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
Data File : BG023301.D
Acq On : 28 Jul 2016 3:00
Operator : UM/SJ
Sample : H4152-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-14-7.0-15.0

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
unknown5.20	5.20	5.8	ng	327156	1	8.14	1137280	20.0
unknown7.67	7.67	98.0	ng	5570810	1	8.14	1137280	20.0
n-Hexadecanoic acid	18.45	2.3	ng	379324	4	17.57	3292010	20.0
Octadecanoic acid	19.71	4.0	ng	662150	4	17.57	3292010	20.0