LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022933.D
Acq On : 8 Jul 2016 16:04
Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

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-BG070816.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	3.044	31	35	41	rBV	183463	253126	4.19%	0.640%
2	5.224	400	406	413	rVB2	98964	166897	2.76%	0.422%
3	5.694	480	486	495	rBV	1425295	2349480	38.90%	5.943%
4	7.304	751	760	770	rBV	1704664	2952997	48.89%	7.470%
5	7.680	816	824	833	rBV	1534751	2687005	44.49%	6.797%
6	8.150	894	904	912	rBV	382565	678879	11.24%	1.717%
7	8.479	953	960	969	rVB	1051107	1794635	29.71%	4.540%
8	9.325	1094	1104	1111	rBV	1079984	1937153	32.07%	4.900%
9	10.982	1377	1386	1395	rBV	548431	1011496	16.75%	2.559%
10	13.415	1793	1800	1808	rBV	2540758	3891224	64.42%	9.844%
11	14.237	1934	1940	1945	rBV	438350	681747	11.29%	1.725%
12	14.795	2027	2035	2043	rVB2	994121	1699003	28.13%	4.298%
13	15.618	2170	2175	2179	rVB2	50262	63475	1.05%	0.161%
14	16.288	2283	2289	2300	rBV	2951623	4494844	74.42%	11.371%
15	16.482	2318	2322	2326	rBV2	67086	95964	1.59%	0.243%
16	17.281	2454	2458	2463	rBV	98223	124557	2.06%	0.315%
17	17.551	2495	2504	2510	rBV2	1420446	2285691	37.84%	5.782%
18	18.420	2647	2652	2658	rBV2	233310	329210	5.45%	0.833%
19	19.601	2849	2853	2859	rVB2	88532	141651	2.35%	0.358%
20	19.684	2863	2867	2872	rBV5	81758	116566	1.93%	0.295%
21	19.831	2889	2892	2896	rVB3	92858	103633	1.72%	0.262%
22	19.948	2906	2912	2913	rBV5	71754	104315	1.73%	0.264%
23	20.154	2941	2947	2953	rBV	4715663	6040006	100.00%	15.279%
24	20.865	3065	3068	3073	rVB5	58631	67140	1.11%	0.170%
25	21.446	3163	3167	3175	rBV2	165807	259963	4.30%	0.658%
26	21.840	3227	3234	3240	rBV	1535694	2710357	44.87%	6.856%
27	25.195	3794	3805	3815	rBV2	838062	2489683	41.22%	6.298%

Sum of corrected areas: 39530697

LSC Report - Integrated Chromatogram

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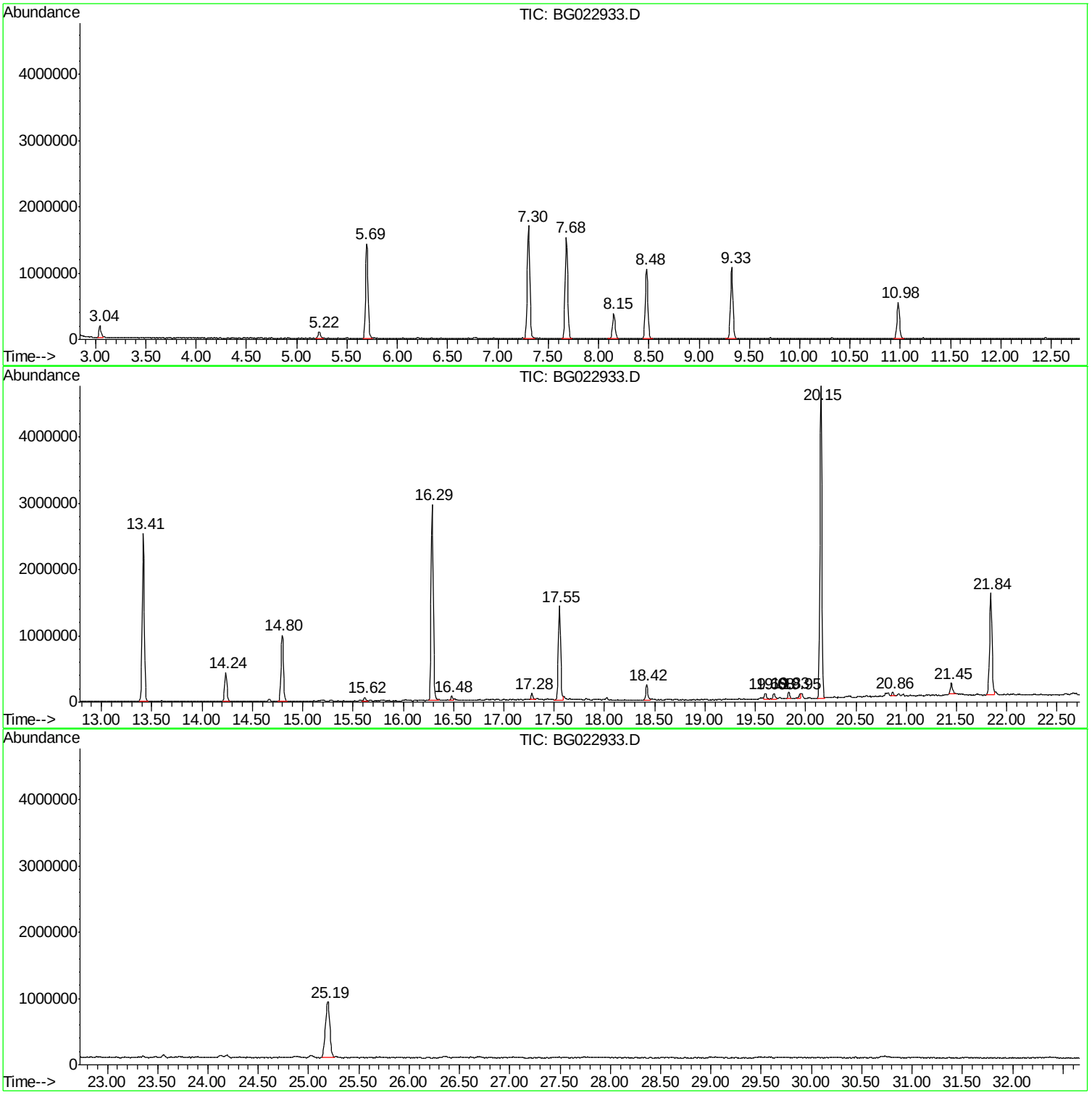
Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022933.D
Acq On : 8 Jul 2016 16:04
Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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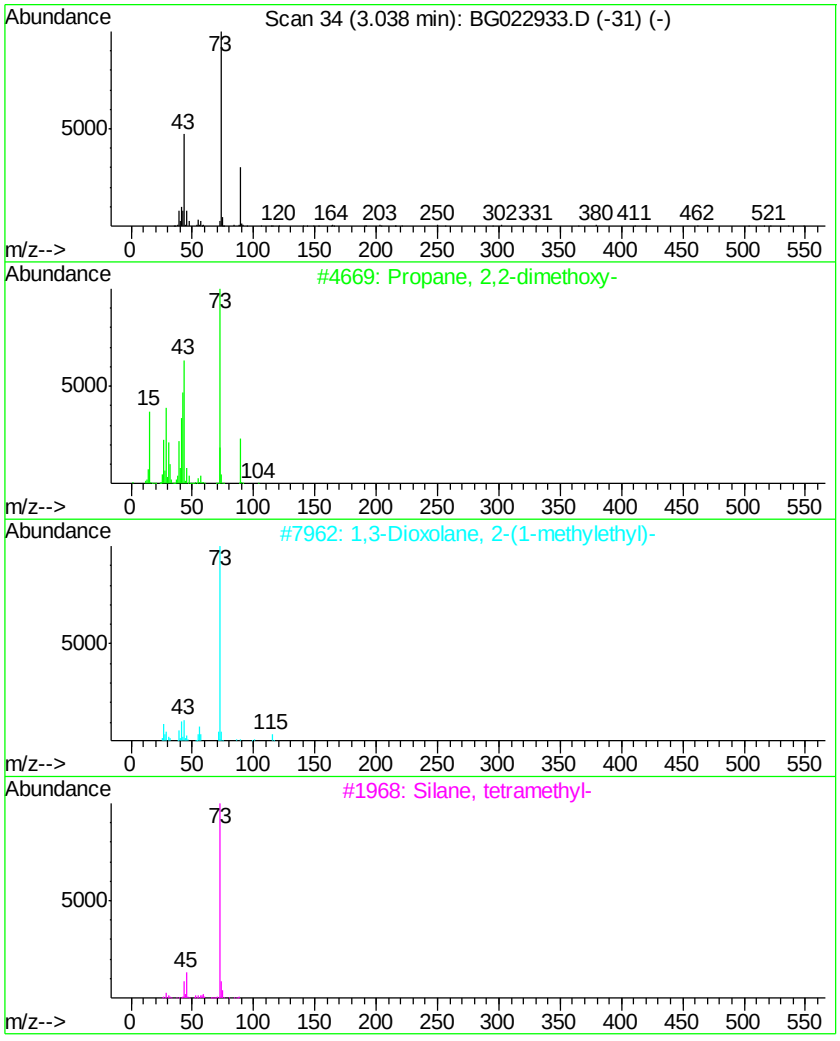
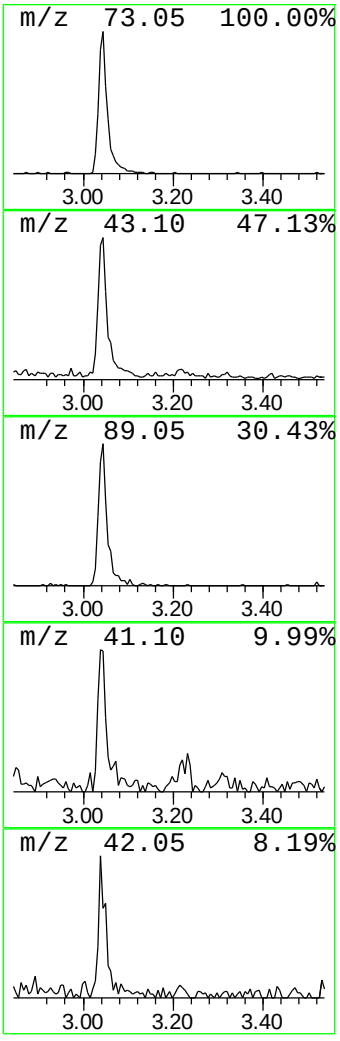
Peak Number 1 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	7.46 ng	253126	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	25
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	Benzeneacetic acid, .alpha.-[[(t...	252	C13H20O3Si	057397-46-3	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022933.D
Acq On : 8 Jul 2016 16:04
Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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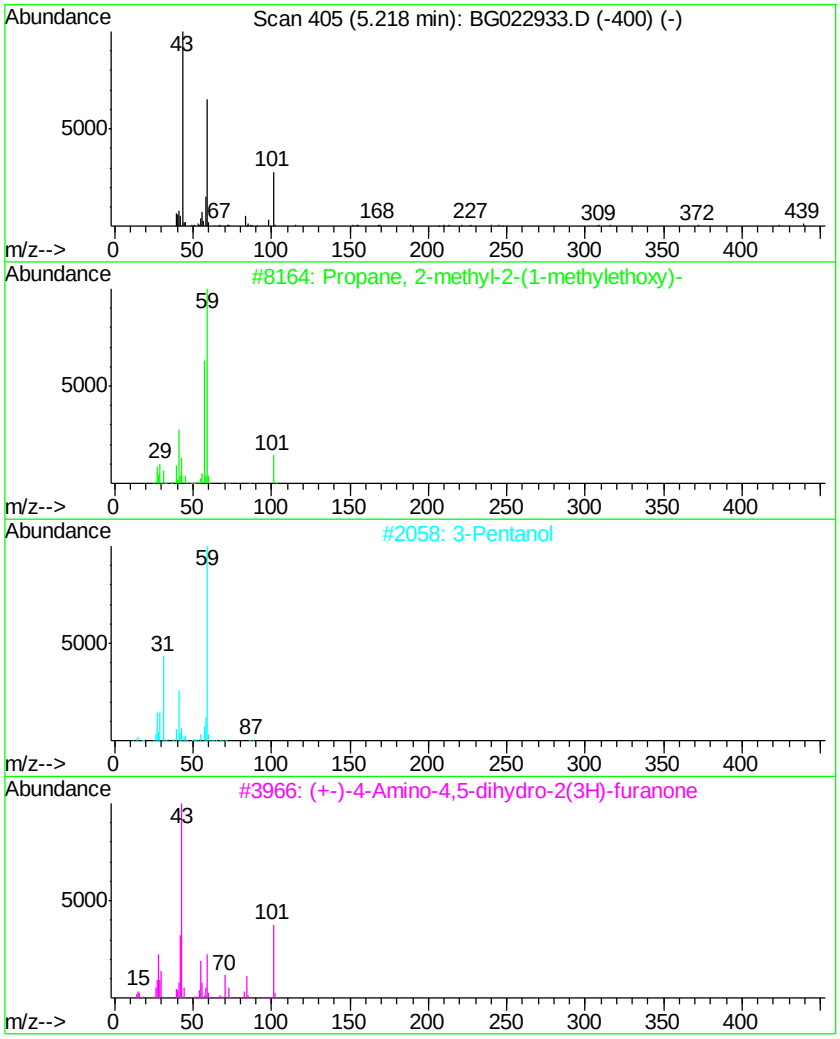
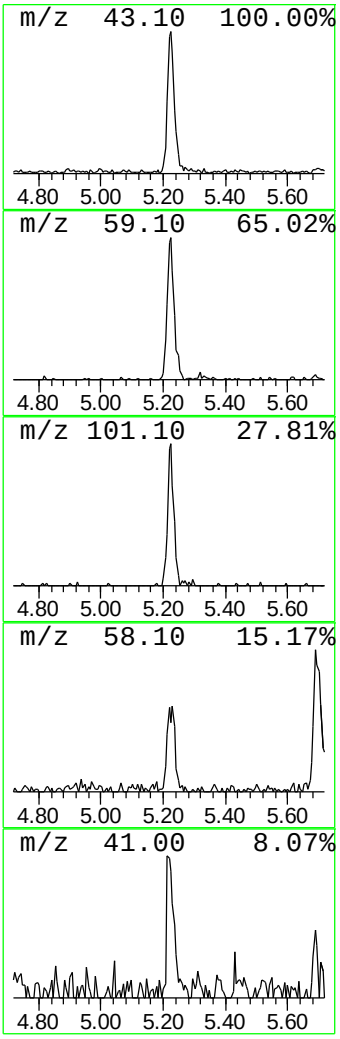
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.92 ng	166897	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25
2	3-Pentanol	88	C5H12O	000584-02-1	23
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022933.D
Acq On : 8 Jul 2016 16:04
Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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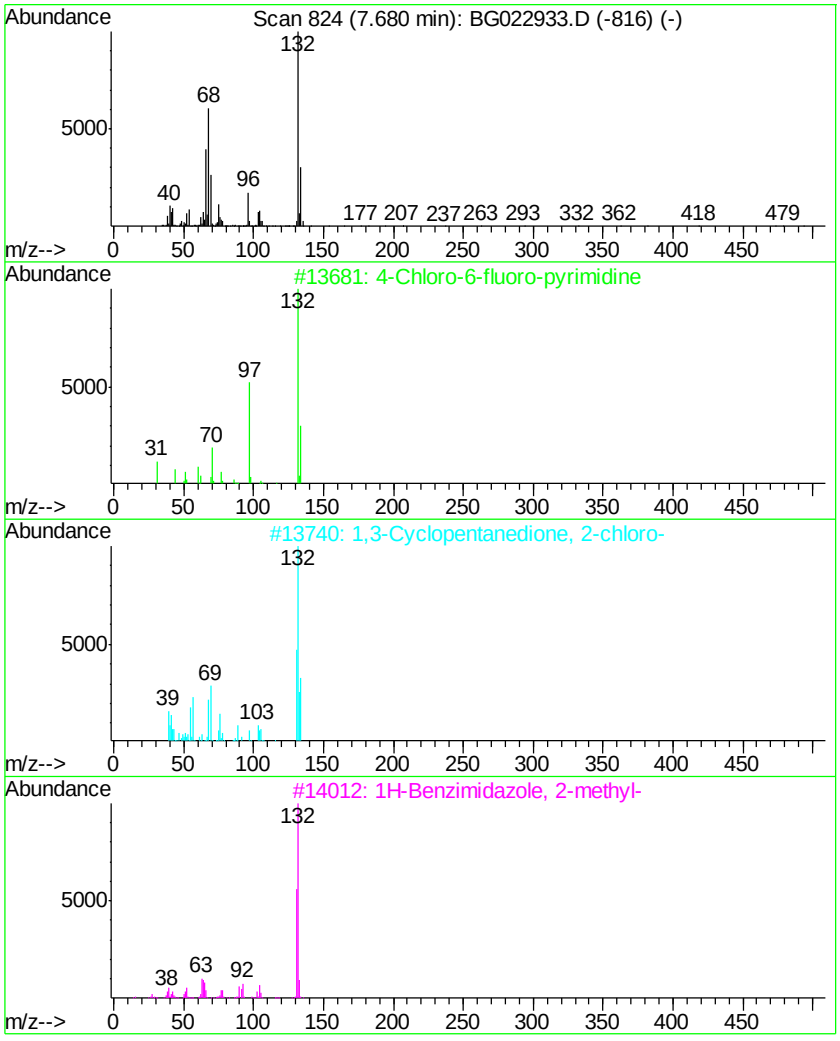
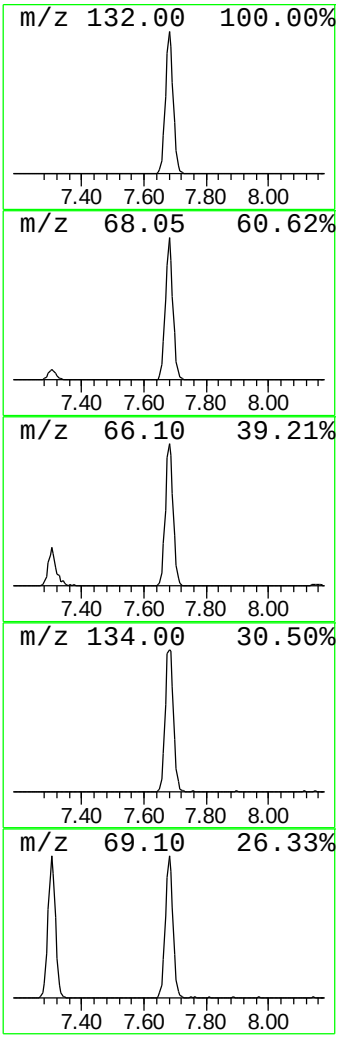
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.16 ng	2687010	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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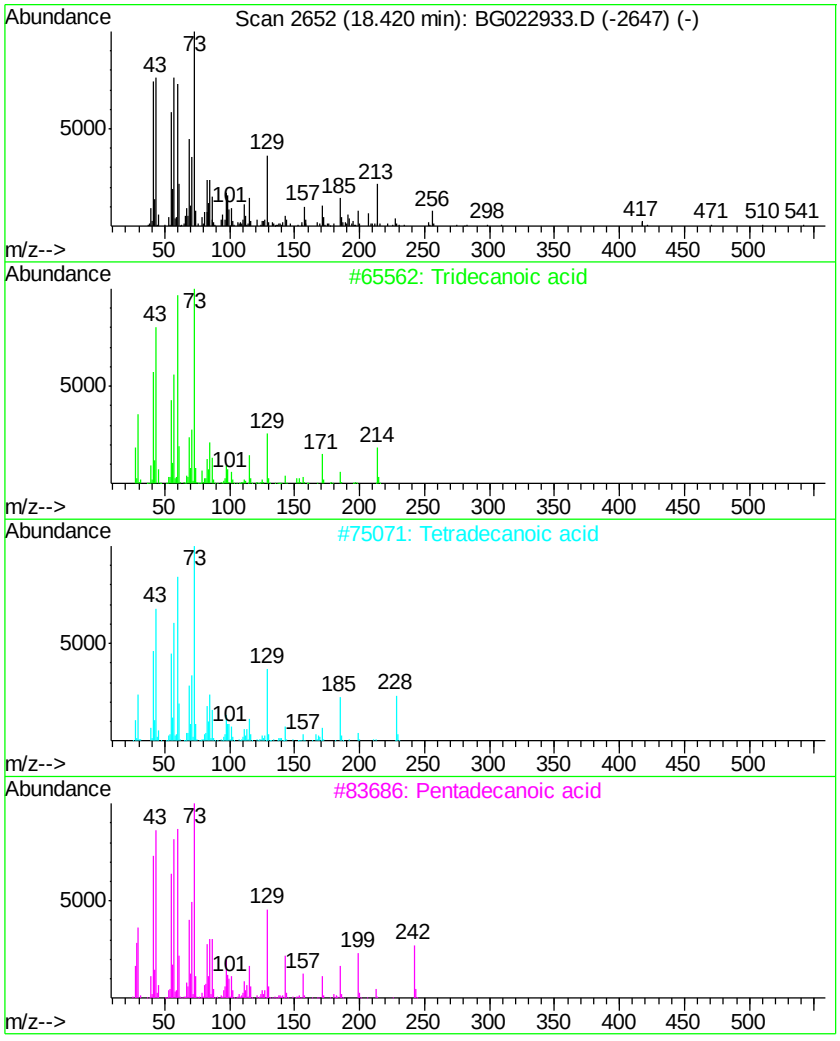
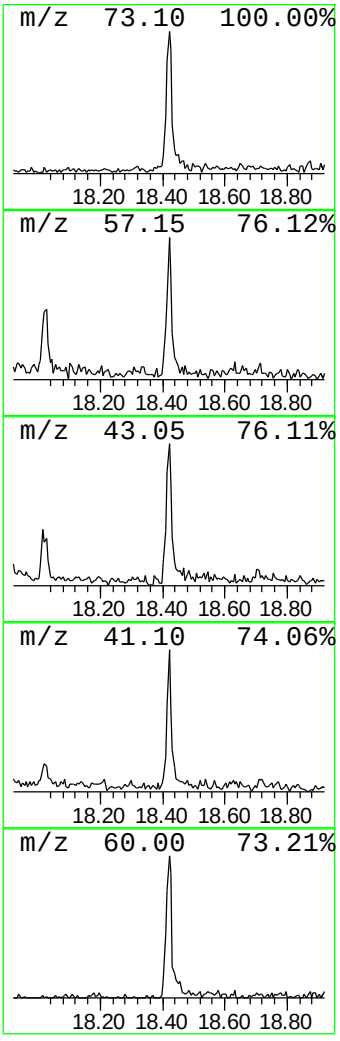
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.88 ng	329210	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
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Operator : UM/SJ
Sample : H3876-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6-ALOCATION-6-0-5FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	7.5	ng	253126	1	8.15	678879	20.0
unknown5.22	5.22	4.9	ng	166897	1	8.15	678879	20.0
unknown7.68	7.68	79.2	ng	2687010	1	8.15	678879	20.0
Tridecanoic acid	18.42	2.9	ng	329210	4	17.55	2285690	20.0