LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033856.D
Acq On : 17 Apr 2018 22:14
Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

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-BG031918.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	3.446	23	27	35	rVB	43982	82900	2.23%	0.619%
2	6.272	501	508	518	rBV3	38996	140827	3.78%	1.051%
3	7.999	791	802	803	rBV7	19626	47364	1.27%	0.354%
4	8.346	854	861	884	rBV2	135449	562325	15.11%	4.198%
5	8.833	938	944	961	rBV5	33910	151026	4.06%	1.127%
6	9.157	992	999	1026	rBV2	345560	952625	25.60%	7.111%
7	10.038	1142	1149	1171	rBV3	156020	693992	18.65%	5.181%
8	11.712	1425	1434	1451	rBV3	71879	246206	6.62%	1.838%
9	12.470	1553	1563	1570	rBV5	49889	158367	4.26%	1.182%
10	12.588	1579	1583	1588	rVB3	27322	42378	1.14%	0.316%
11	14.074	1829	1836	1856	rBV	967062	2246094	60.35%	16.767%
12	14.280	1867	1871	1878	rVB5	21094	39090	1.05%	0.292%
13	14.868	1964	1971	1977	rBV	29623	63286	1.70%	0.472%
14	15.443	2062	2069	2085	rBV2	210167	445501	11.97%	3.326%
15	16.924	2314	2321	2340	rBV	612088	1467052	39.42%	10.951%
16	17.065	2340	2345	2351	rVB8	19143	49874	1.34%	0.372%
17	18.181	2528	2535	2550	rBV	266048	663988	17.84%	4.957%
18	18.986	2667	2672	2682	rBV10	29041	80143	2.15%	0.598%
19	20.332	2897	2901	2905	rBV2	25710	37507	1.01%	0.280%
20	20.702	2958	2964	2978	rBV	2332152	3721643	100.00%	27.782%
21	22.523	3266	3274	3288	rBV2	311823	743698	19.98%	5.552%
22	24.356	3581	3586	3594	rVB3	24232	56181	1.51%	0.419%
23	26.260	3899	3910	3926	rBV3	190838	703965	18.92%	5.255%

Sum of corrected areas: 13396032

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
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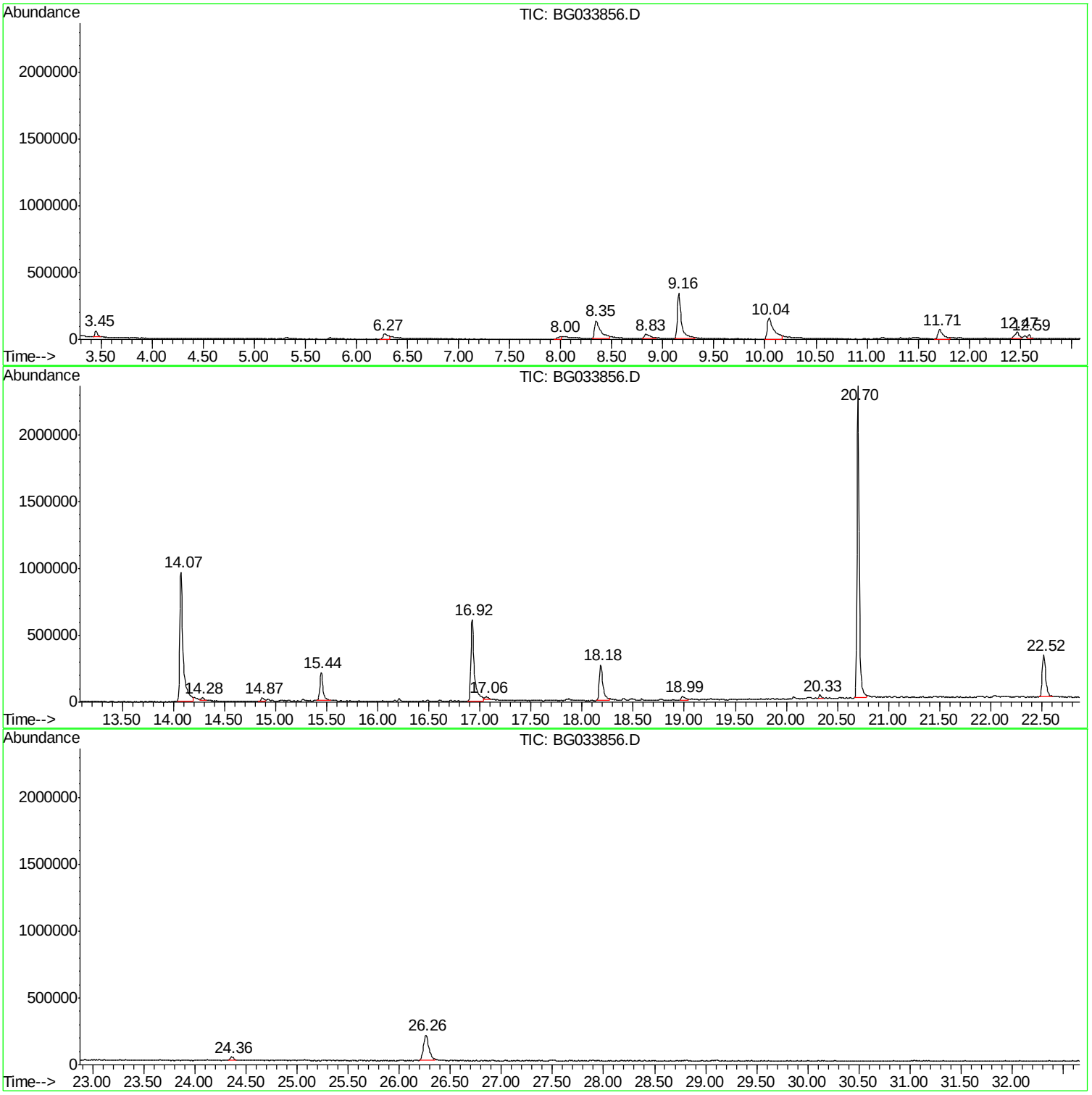
Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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\BG041718\
Data File : BG033856.D
Acq On : 17 Apr 2018 22:14
Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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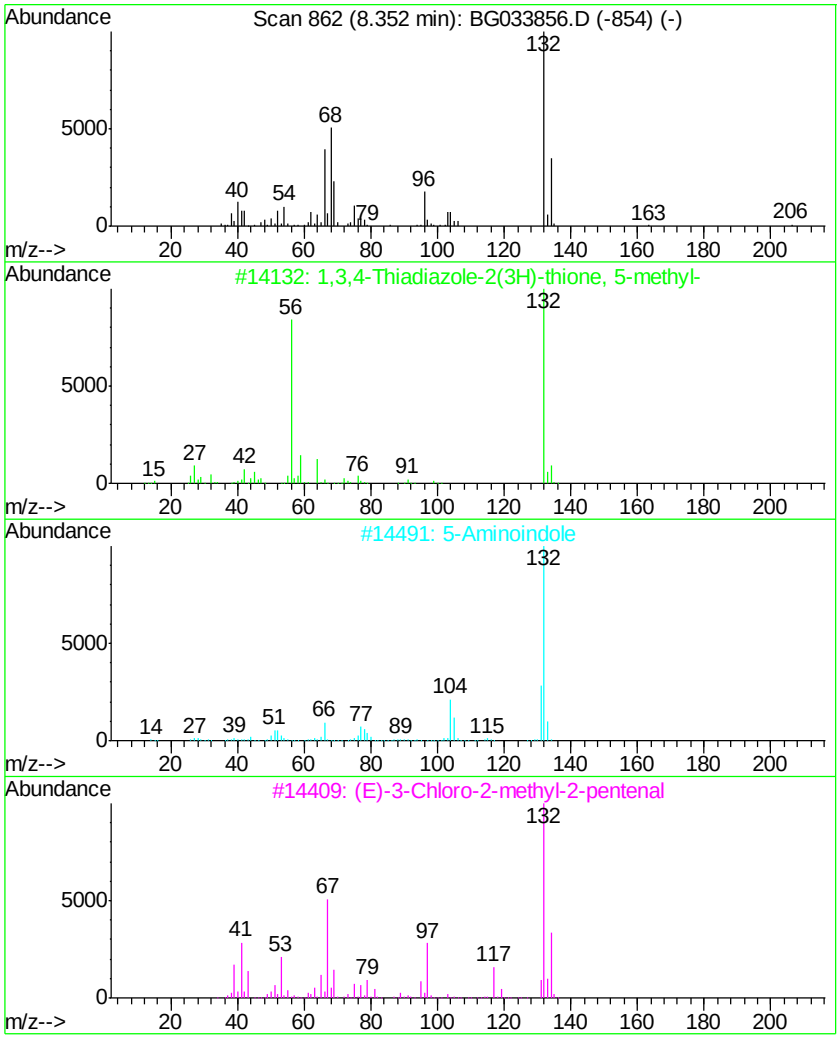
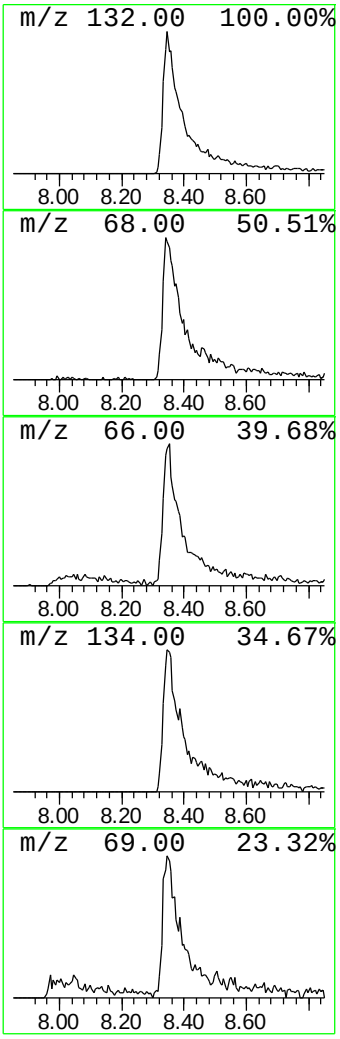
Peak Number 2 unknown8.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	74.47 ng	562325	1,4-Dichlorobenzene-d4	8.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033856.D
Acq On : 17 Apr 2018 22:14
Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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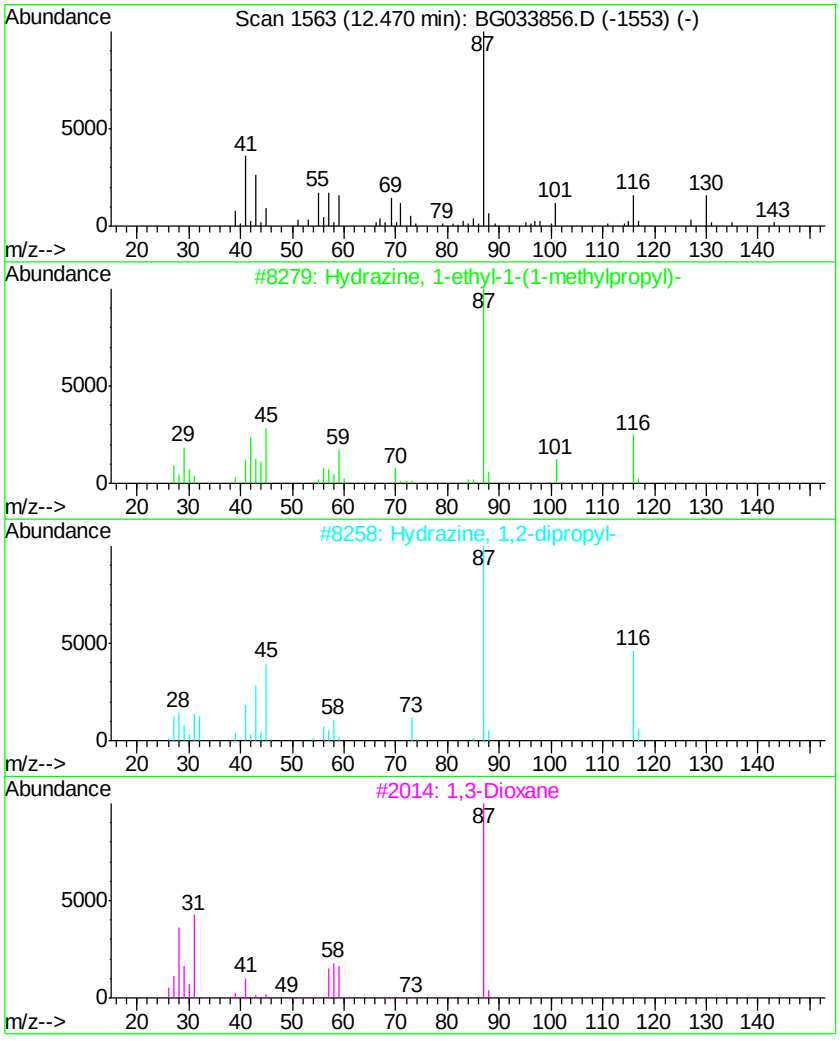
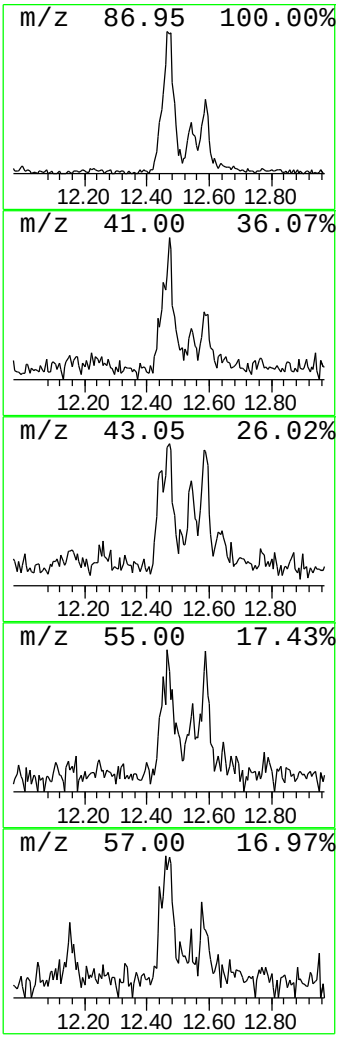
Peak Number 4 Hydrazine, 1-ethyl-1-(1-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.86 ng	158367	Naphthalene-d8	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	72
2	Hydrazine, 1,2-dipropyl-	116	C6H16N2	001615-83-4	58
3	1,3-Dioxane	88	C4H8O2	000505-22-6	50
4	2-[2-[2-[2-(2-Acetyloxyethoxy...	366	C16H30O9	1000351-90-8	50
5	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	50





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Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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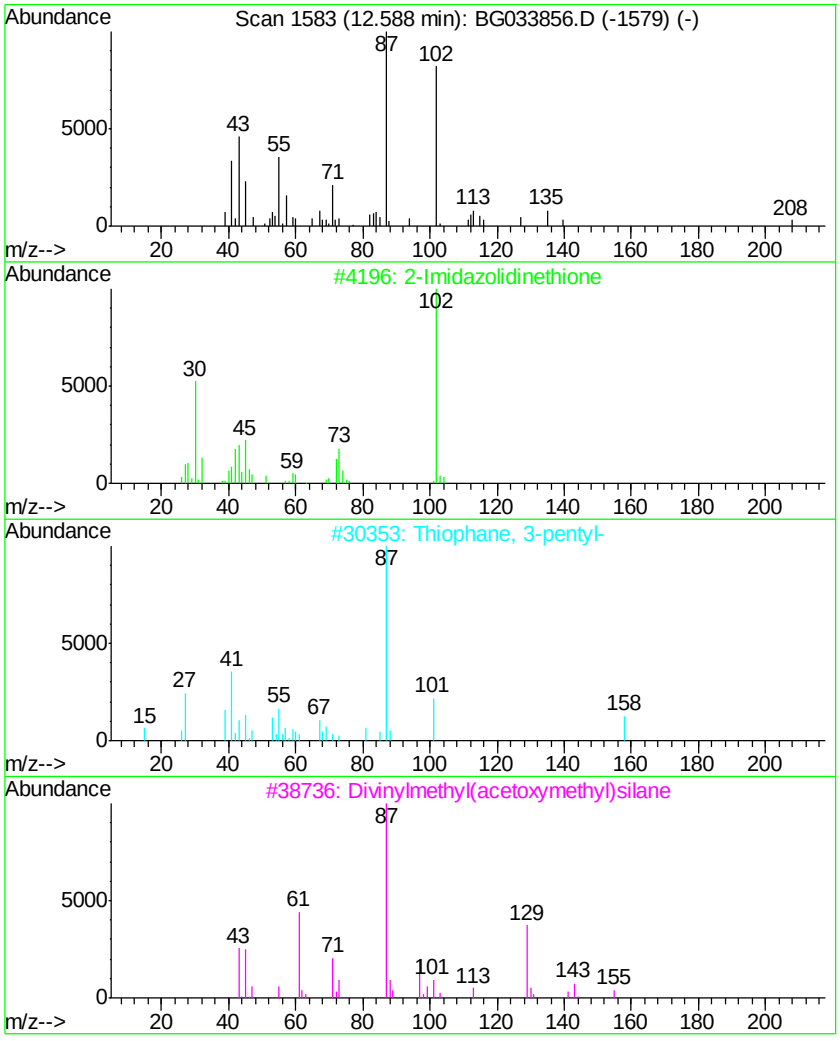
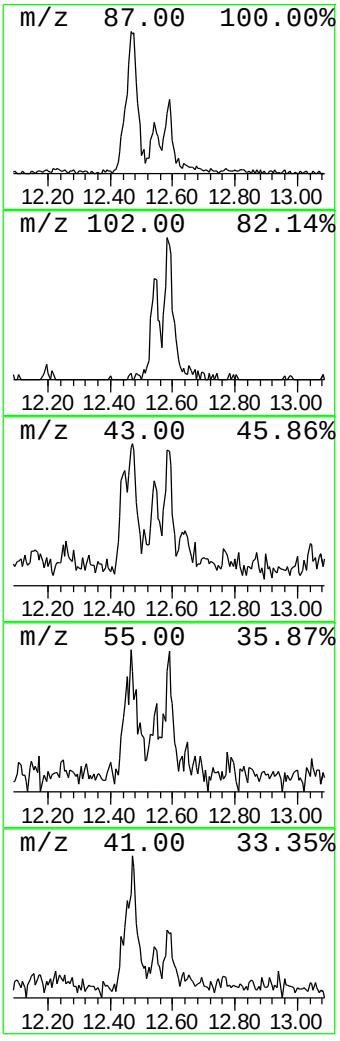
Peak Number 5 unknown12.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.44 ng	42378	Naphthalene-d8	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Imidazolidinethione	102	C3H6N2S	000096-45-7	35
2	Thiophane, 3-pentyl-	158	C9H18S	035468-43-0	27
3	Divinylmethyl(acetoxymethyl)silane	170	C8H14O2Si	116065-60-2	25
4	3-Octanol, 2,3-dimethyl-	158	C10H22O	019781-10-3	23
5	2-Methyl-3-(methylthio)-1-propene	102	C5H10S	052326-10-0	20





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Acq On : 17 Apr 2018 22:14
Operator : SJ/JU
Sample : J2390-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2AVE-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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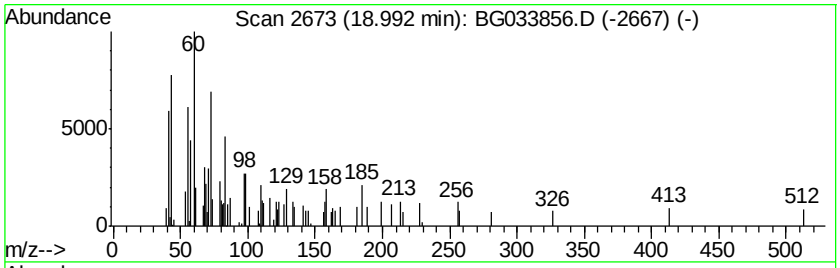
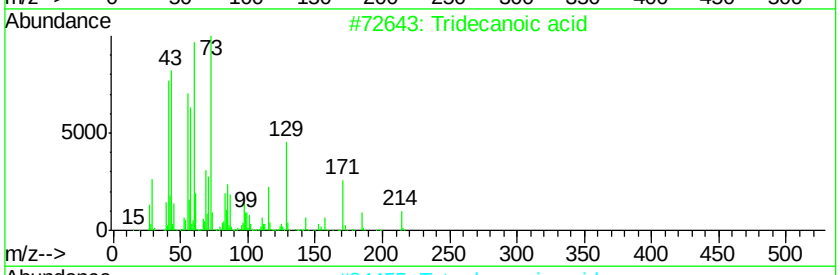
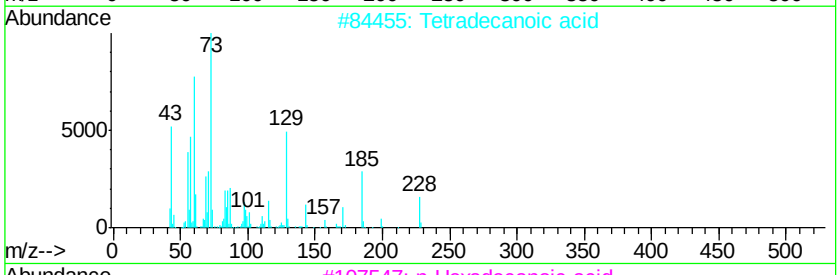
Peak Number 6 Tridecanoic acid Concentration Rank 6

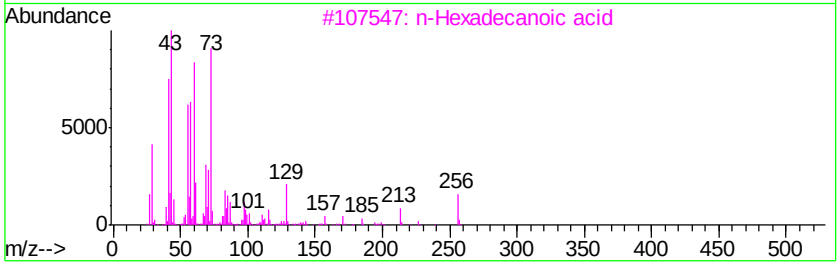
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.41 ng	80143	Phenanthrene-d10	18.18

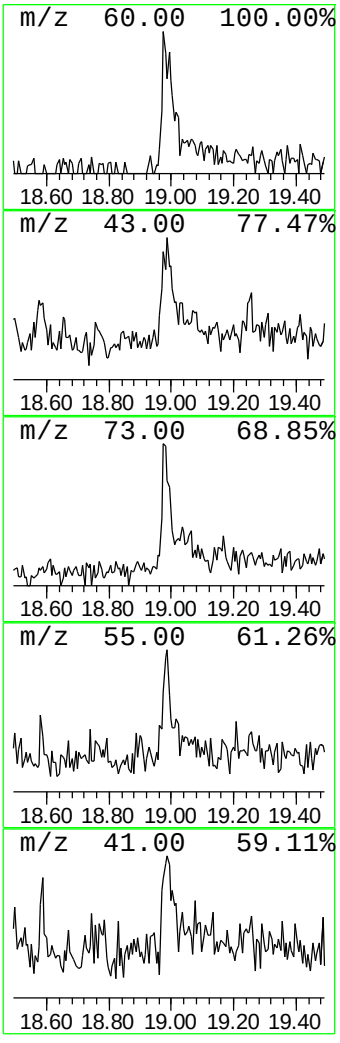
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	30
5	Dodecanoic acid	200	C12H24O2	000143-07-7	27











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041718\
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
unknown8.35	8.35	74.5	ng	562325	1	8.83	151026	20.0
Hydrazine, 1-ethy...	12.47	12.9	ng	158367	2	11.71	246206	20.0
unknown12.59	12.59	3.4	ng	42378	2	11.71	246206	20.0
Tridecanoic acid	18.99	2.4	ng	80143	4	18.18	663988	20.0