LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032465.D
Acq On : 31 Jan 2018 14:51
Operator : SJ/JU
Sample : J1364-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

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-BG012918.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	3.377	8	15	21	rBV4	19452	54517	1.86%	0.494%
2	3.465	24	30	42	rVB3	59433	116138	3.96%	1.053%
3	6.156	481	488	498	rBV	110909	226669	7.73%	2.056%
4	7.836	767	774	789	rBV	68855	159606	5.44%	1.447%
5	8.230	833	841	852	rBV	252537	502478	17.14%	4.557%
6	8.712	916	923	934	rBV2	84507	163592	5.58%	1.484%
7	9.047	972	980	997	rBV	406644	774297	26.41%	7.022%
8	9.910	1119	1127	1143	rBV	272775	539870	18.41%	4.896%
9	11.591	1405	1413	1425	rBV	112883	228300	7.79%	2.070%
10	13.970	1811	1818	1835	rBV	1071061	1791850	61.11%	16.249%
11	15.345	2041	2052	2063	rBV2	225739	378852	12.92%	3.436%
12	16.820	2296	2303	2318	rBV	647218	1072428	36.58%	9.725%
13	18.077	2511	2517	2528	rBV	316044	507196	17.30%	4.600%
14	18.894	2652	2656	2665	rBV3	50180	81517	2.78%	0.739%
15	20.139	2861	2868	2881	rBV4	63403	120224	4.10%	1.090%
16	20.615	2943	2949	2960	rBV	2115303	2932128	100.00%	26.590%
17	22.407	3247	3254	3262	rVB	375962	681826	23.25%	6.183%
18	26.085	3868	3880	3892	rBV2	216617	695677	23.73%	6.309%

Sum of corrected areas: 11027165

LSC Report - Integrated Chromatogram

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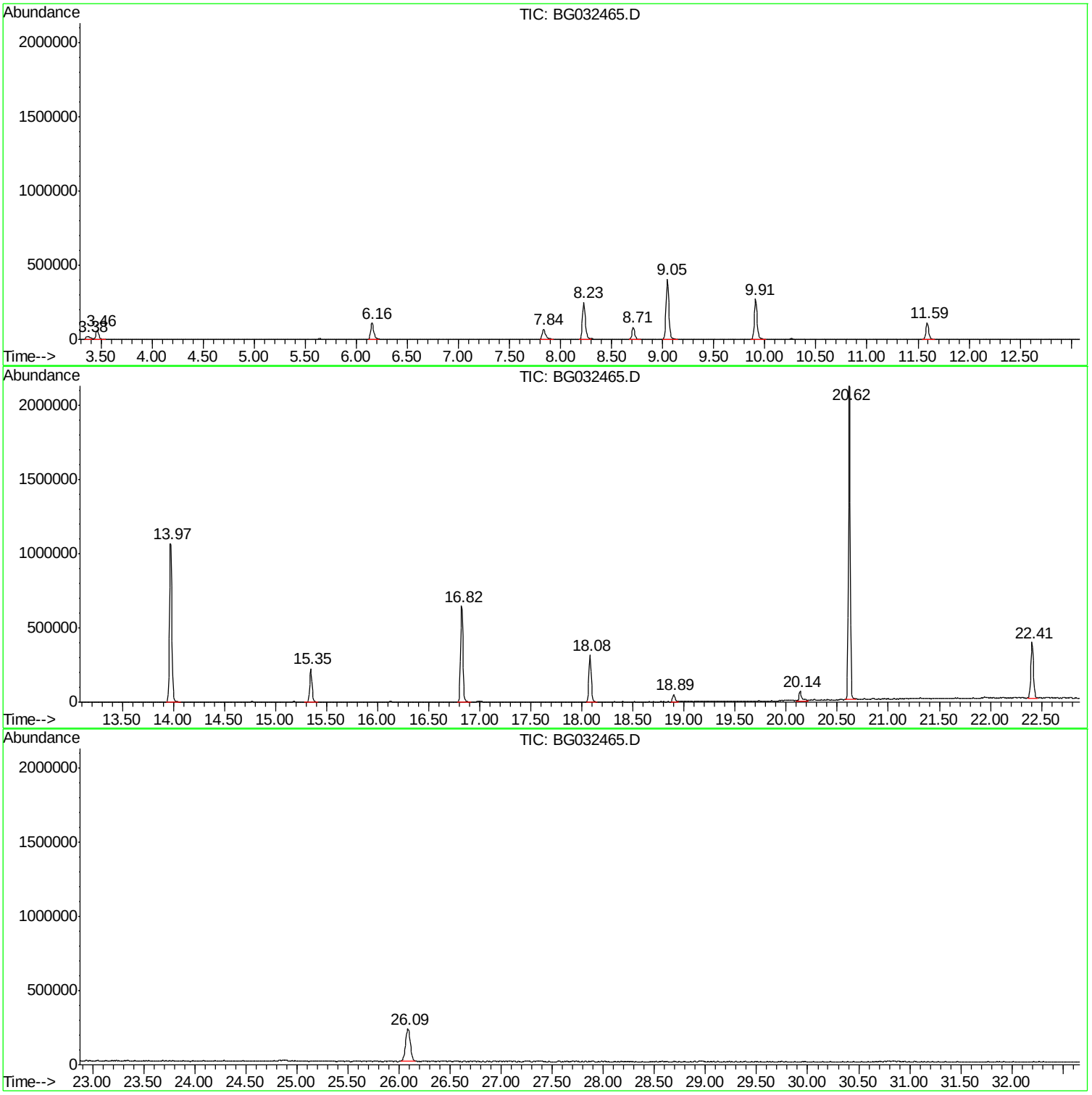
Instrument : BNA_G
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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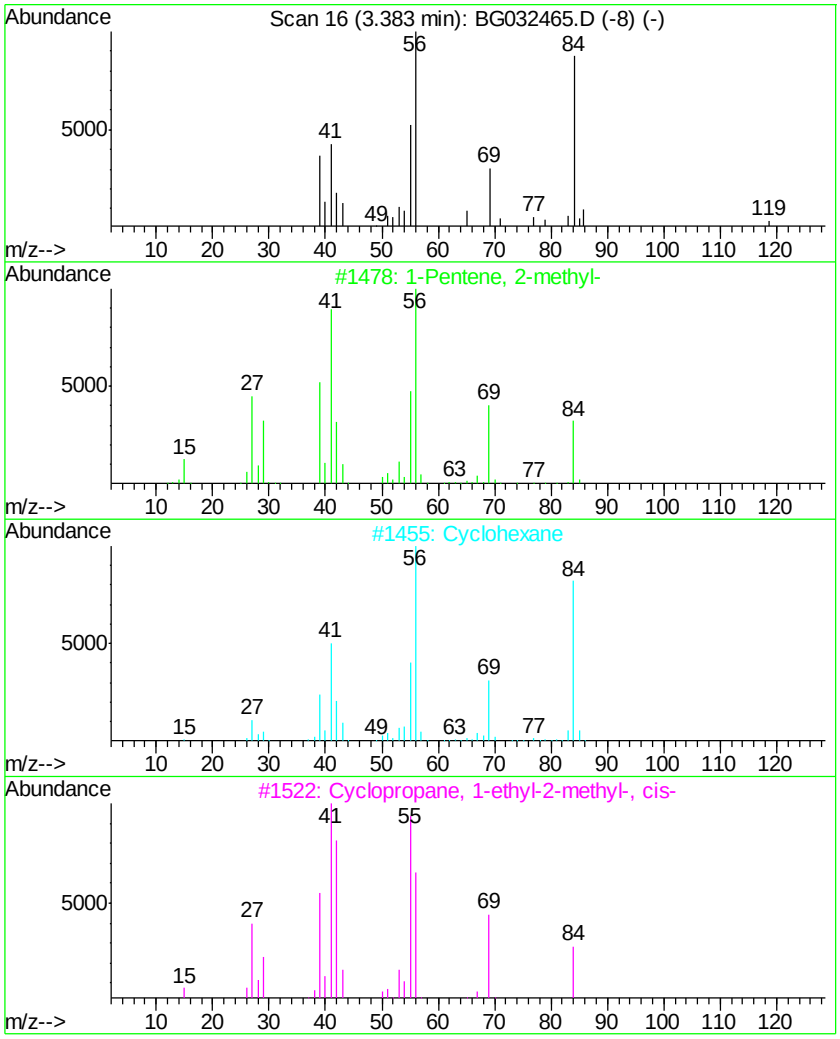
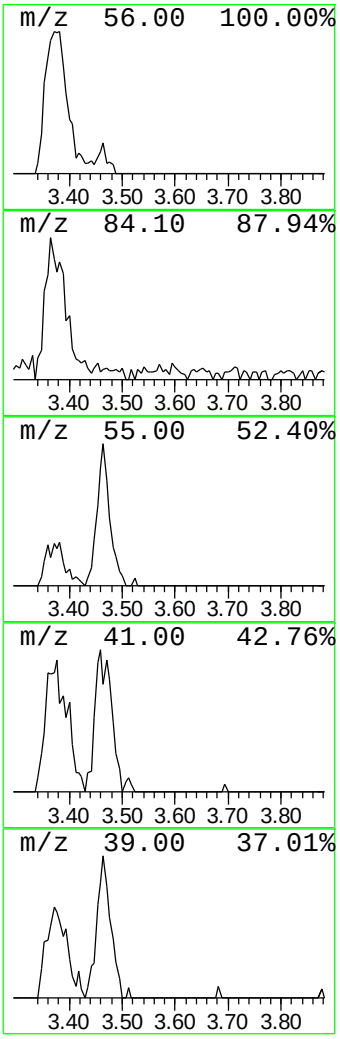
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	6.67 ng	54517	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
2	Cyclohexane	84	C6H12	000110-82-7	81
3	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	59
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	43
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	42





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Operator : SJ/JU
Sample : J1364-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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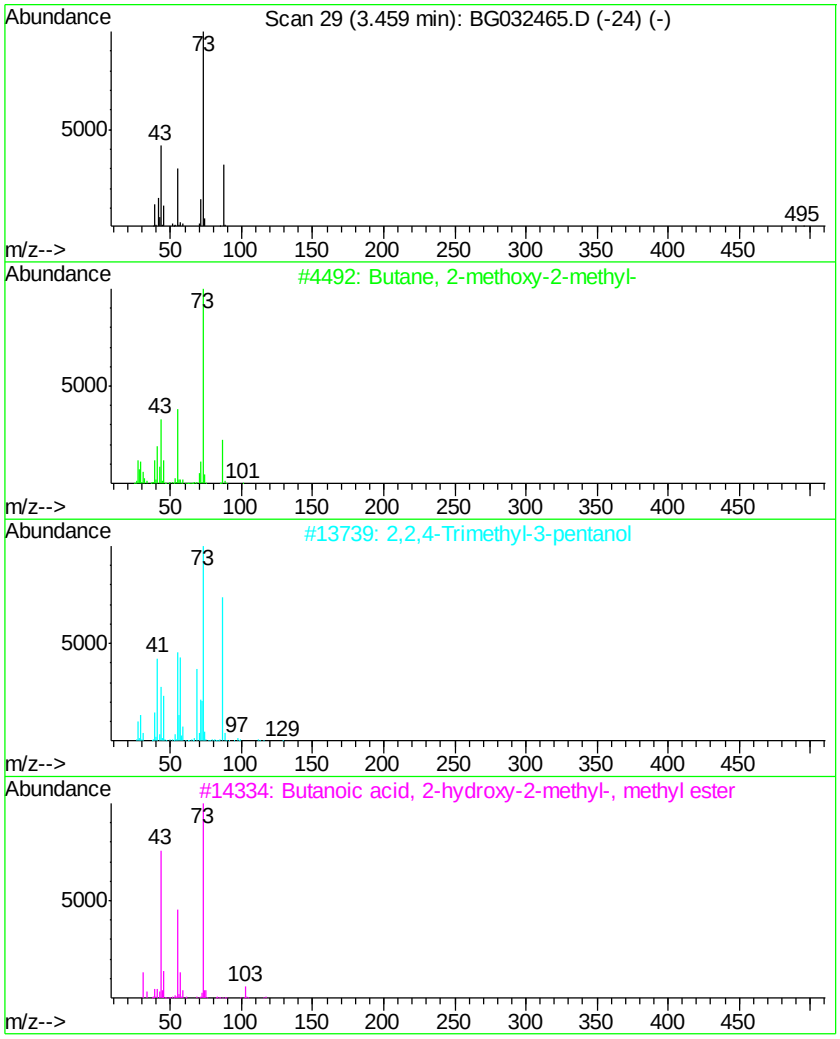
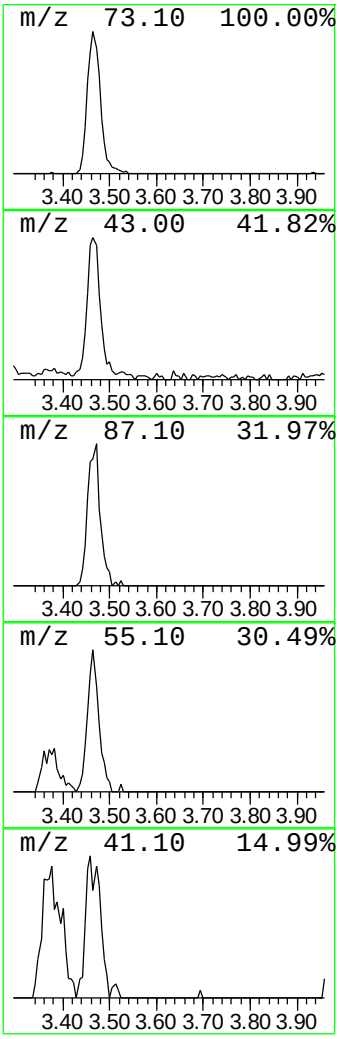
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	14.20 ng	116138	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : J1364-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
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TIC Library : C:\Database\NIST11.L
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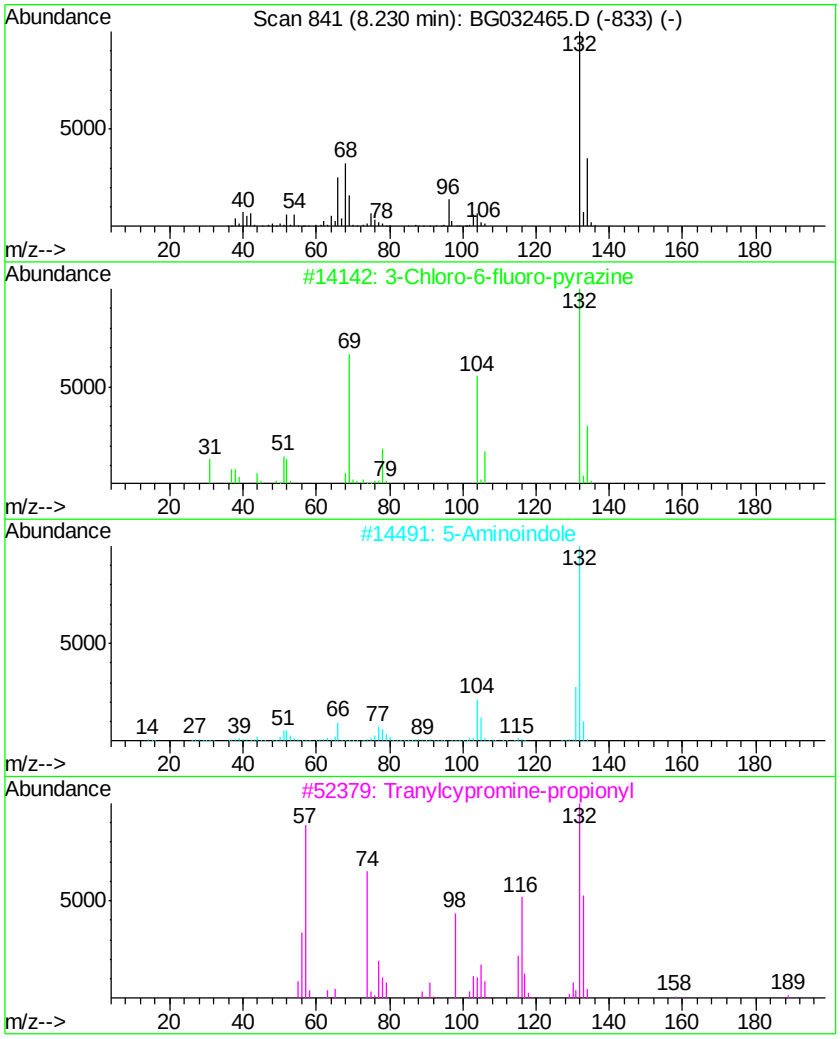
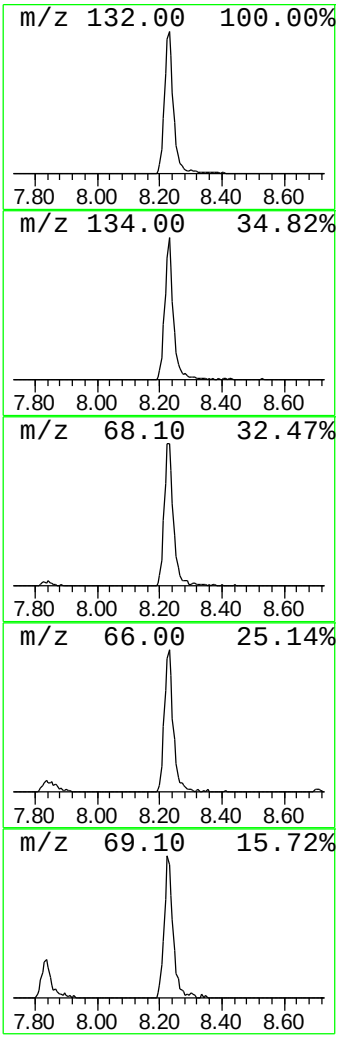
Peak Number 3 unknown8.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	61.43 ng	502478	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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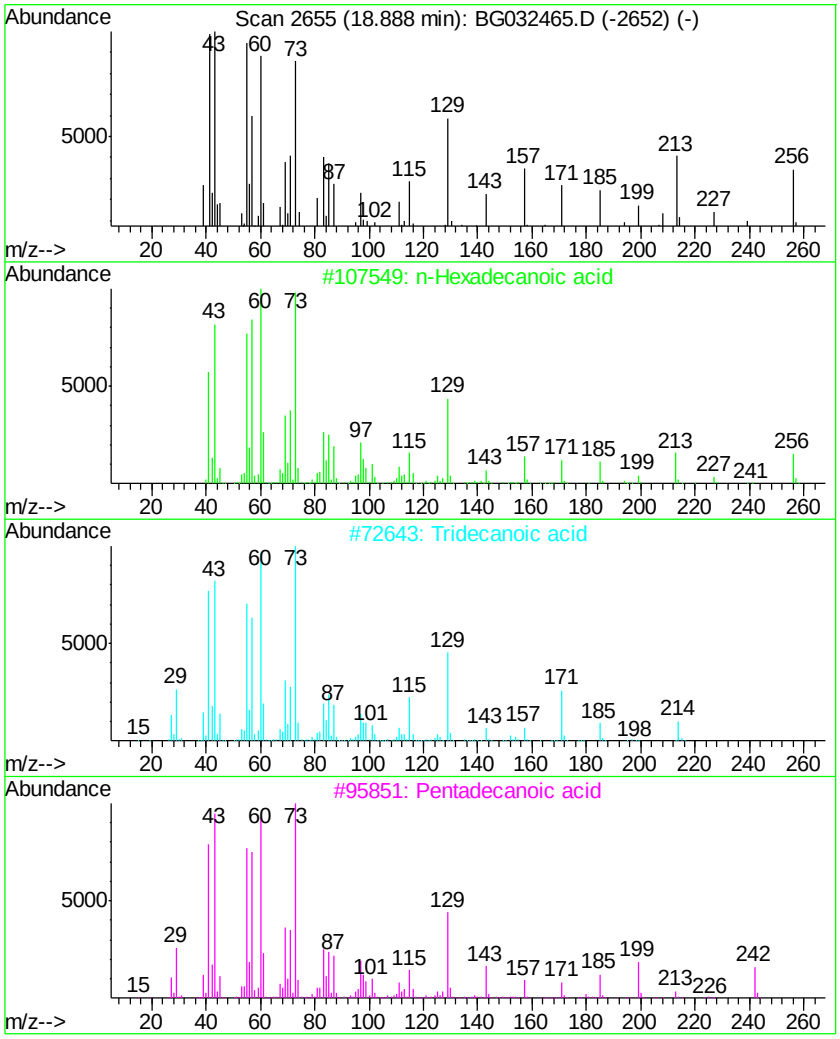
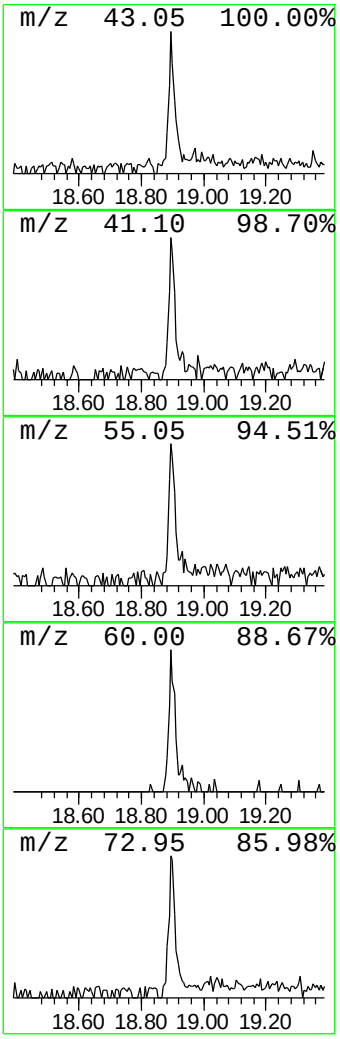
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.21 ng	81517	Phenanthrene-d10	18.08

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	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





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ClientSampleId : MW-03

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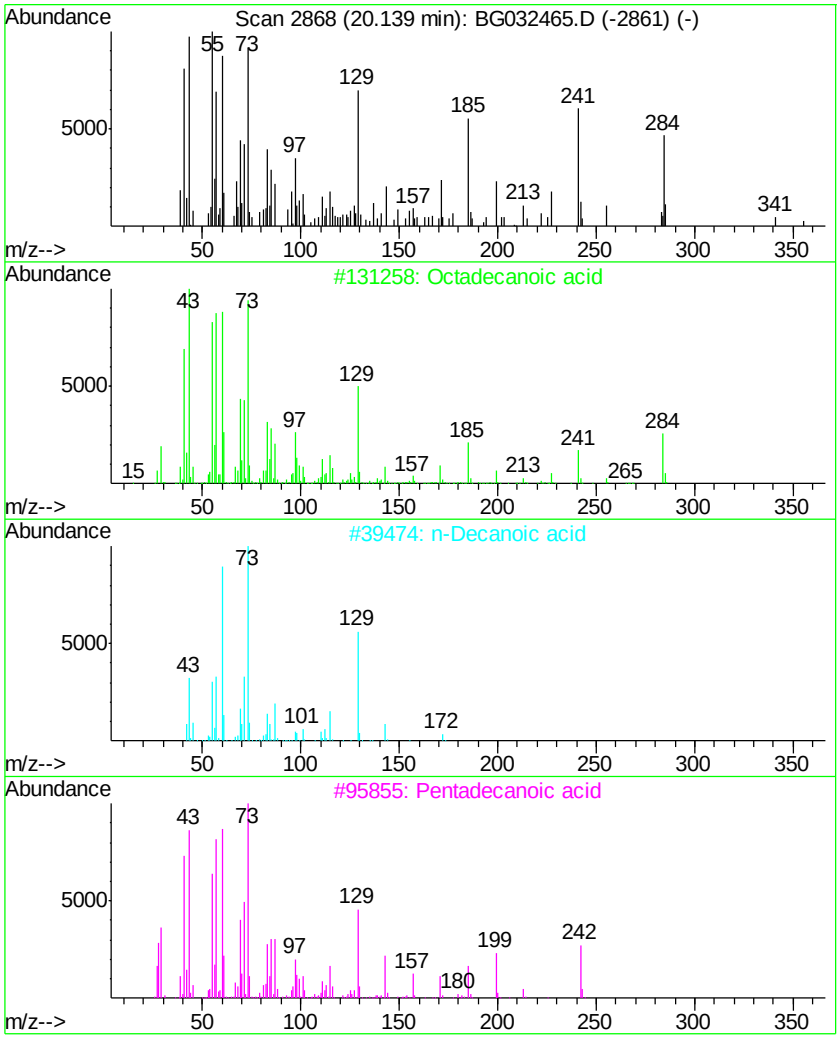
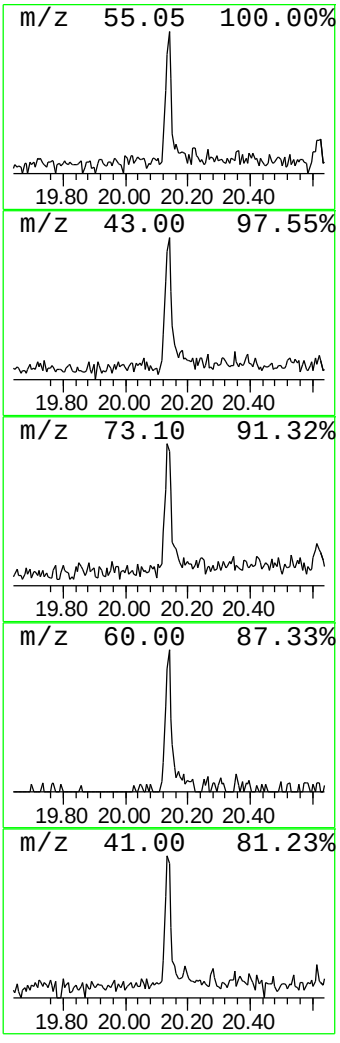
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	4.74 ng	120224	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.38	6.7	ng	54517	1	8.71	163592	20.0
Butane, 2-methoxy...	3.46	14.2	ng	116138	1	8.71	163592	20.0
unknown8.23	8.23	61.4	ng	502478	1	8.71	163592	20.0
n-Hexadecanoic acid	18.89	3.2	ng	81517	4	18.08	507196	20.0
Octadecanoic acid	20.14	4.7	ng	120224	4	18.08	507196	20.0