LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033687.D
Acq On : 9 Apr 2018 19:09
Operator : SJ/JU
Sample : J2236-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

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	3.477	25	32	42	rBV	188374	415907	10.57%	2.281%
2	3.571	42	48	62	rVB	169138	296625	7.54%	1.626%
3	5.774	417	423	428	rBV4	22745	40463	1.03%	0.222%
4	6.285	502	510	524	rBV2	262311	554691	14.09%	3.042%
5	7.971	790	797	812	rBV	141266	367009	9.32%	2.012%
6	8.371	857	865	888	rBV	568215	1220677	31.01%	6.693%
7	8.859	940	948	959	rBV	113350	257010	6.53%	1.409%
8	9.194	994	1005	1020	rBV	592669	1194524	30.35%	6.550%
9	10.057	1145	1152	1177	rBV	461890	1070187	27.19%	5.868%
10	11.738	1430	1438	1457	rBV	182487	402398	10.22%	2.206%
11	14.100	1833	1840	1858	rBV	1444291	2533475	64.37%	13.892%
12	14.893	1970	1975	1980	rBV	48159	73046	1.86%	0.401%
13	15.474	2067	2074	2082	rBV2	358967	615232	15.63%	3.374%
14	16.238	2200	2204	2209	rBV2	37362	50981	1.30%	0.280%
15	16.949	2318	2325	2345	rBV	1286181	2152732	54.70%	11.804%
16	17.090	2345	2349	2357	rVB2	31425	59954	1.52%	0.329%
17	18.207	2532	2539	2553	rBV	482562	884745	22.48%	4.851%
18	19.000	2670	2674	2681	rBV5	55854	98547	2.50%	0.540%
19	20.727	2962	2968	2980	rBV	2853285	3935766	100.00%	21.581%
20	22.067	3191	3196	3210	rBV3	86909	183436	4.66%	1.006%
21	22.548	3271	3278	3290	rBV	461479	911489	23.16%	4.998%
22	26.315	3903	3919	3936	rBV2	255256	918273	23.33%	5.035%

Sum of corrected areas: 18237167

LSC Report - Integrated Chromatogram

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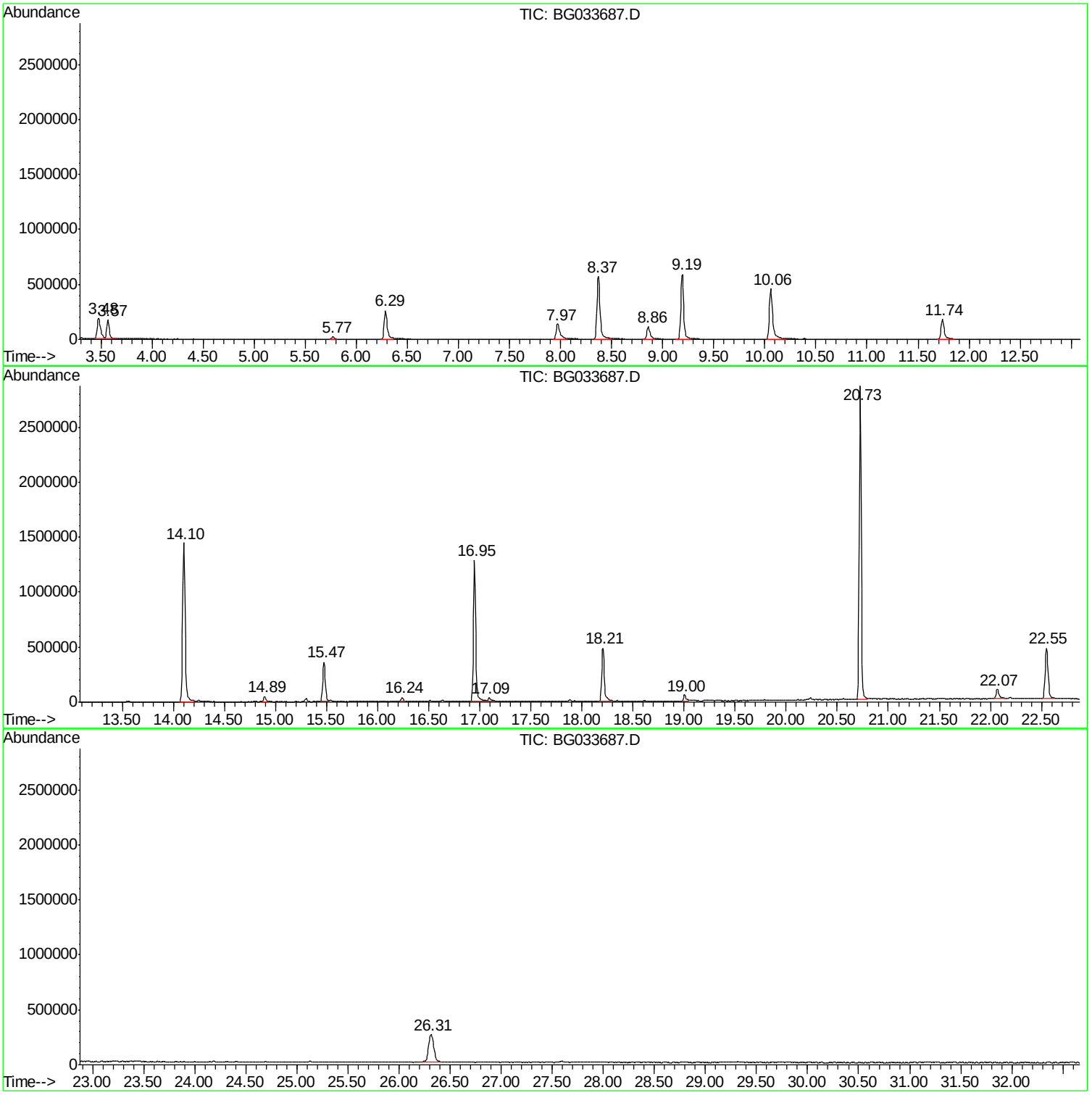
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

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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Data File : BG033687.D
Acq On : 9 Apr 2018 19:09
Operator : SJ/JU
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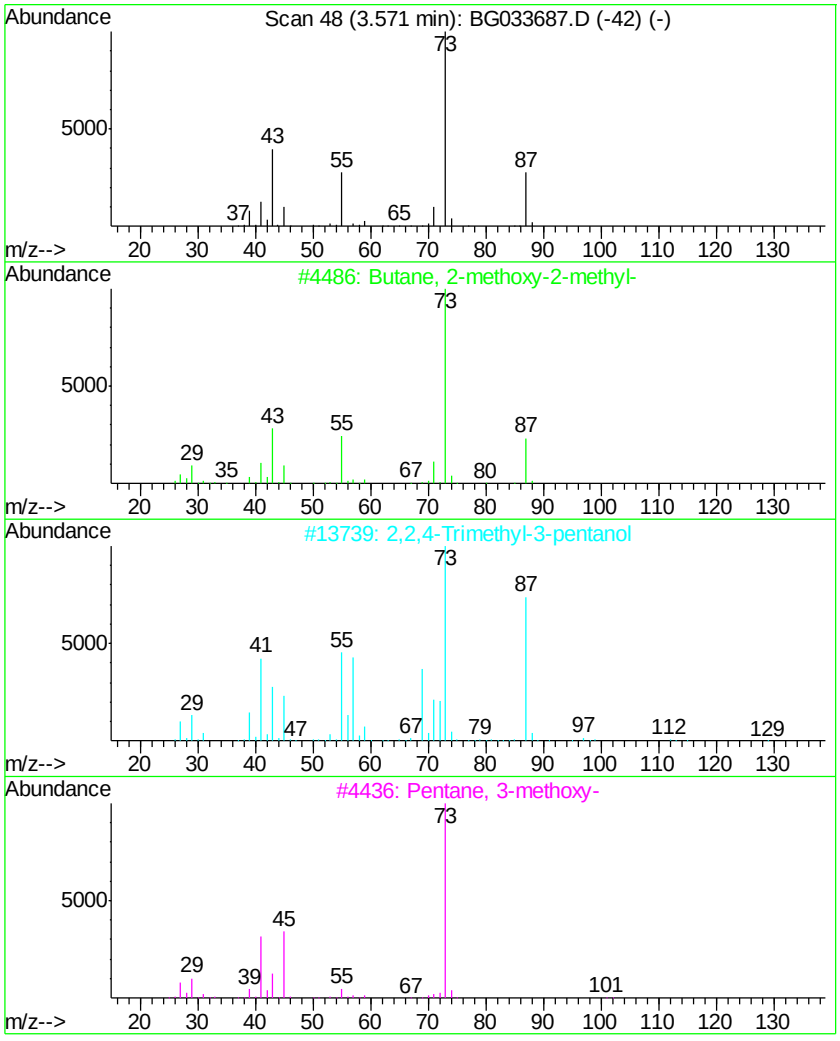
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

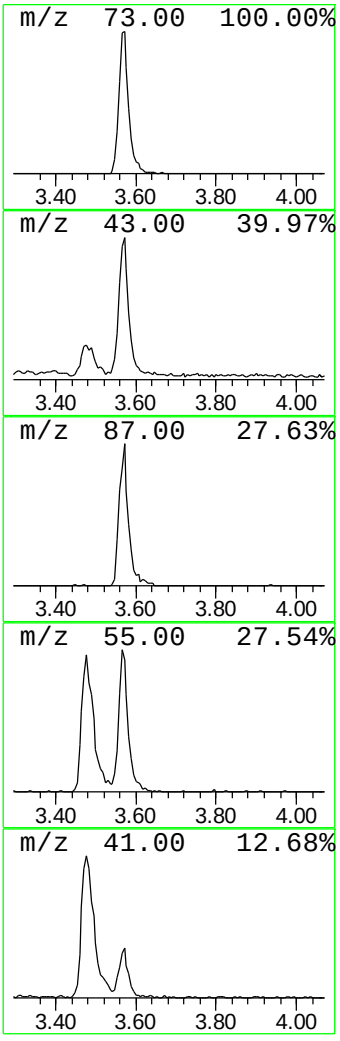
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	23.08 ng	296625	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033687.D
Acq On : 9 Apr 2018 19:09
Operator : SJ/JU
Sample : J2236-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

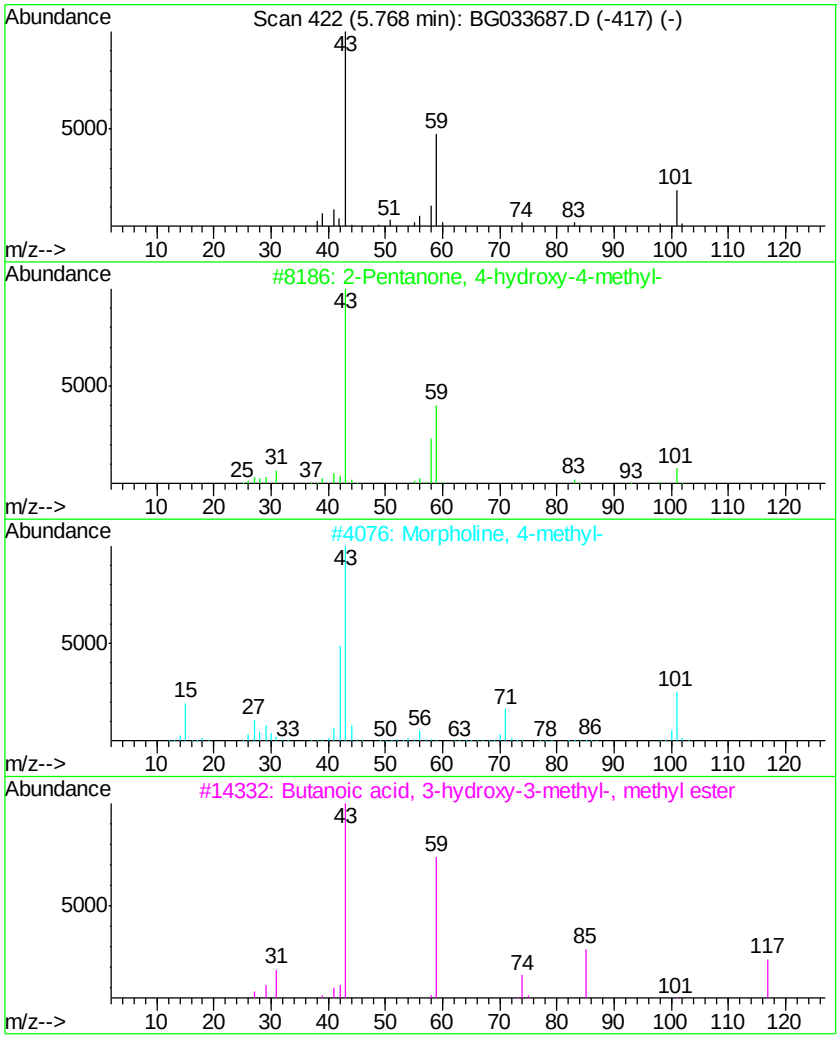
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

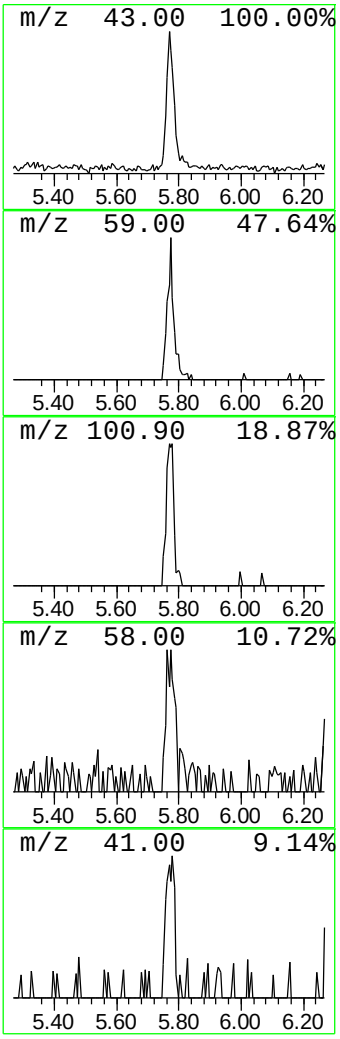
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.15 ng	40463	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033687.D
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Operator : SJ/JU
Sample : J2236-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

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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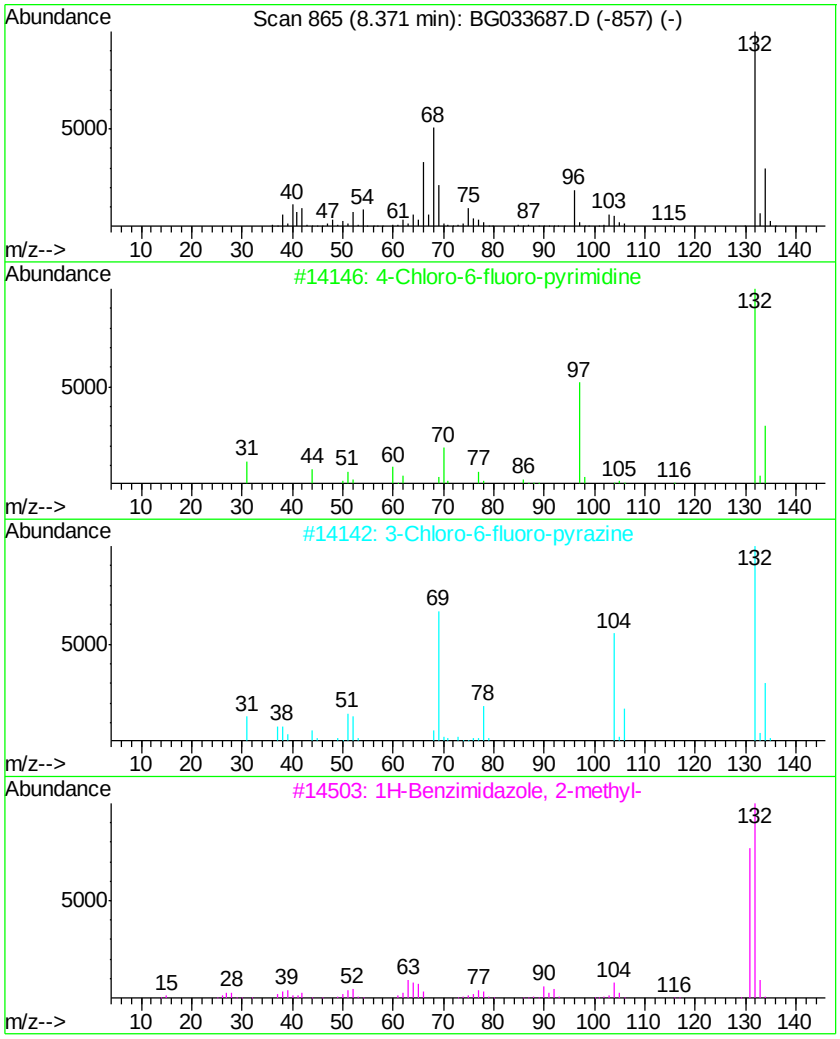
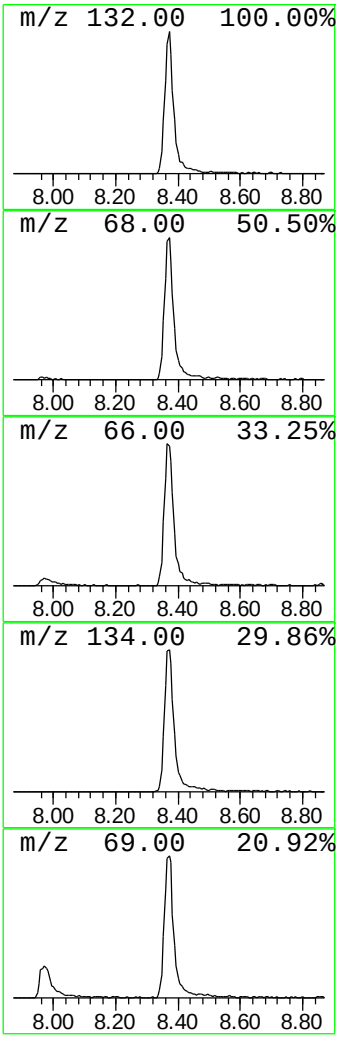
Peak Number 4 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	94.99 ng	1220680	1,4-Dichlorobenzene-d4	8.86

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	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Sample : J2236-03
Misc :
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Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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TIC Library : C:\Database\NIST11.L
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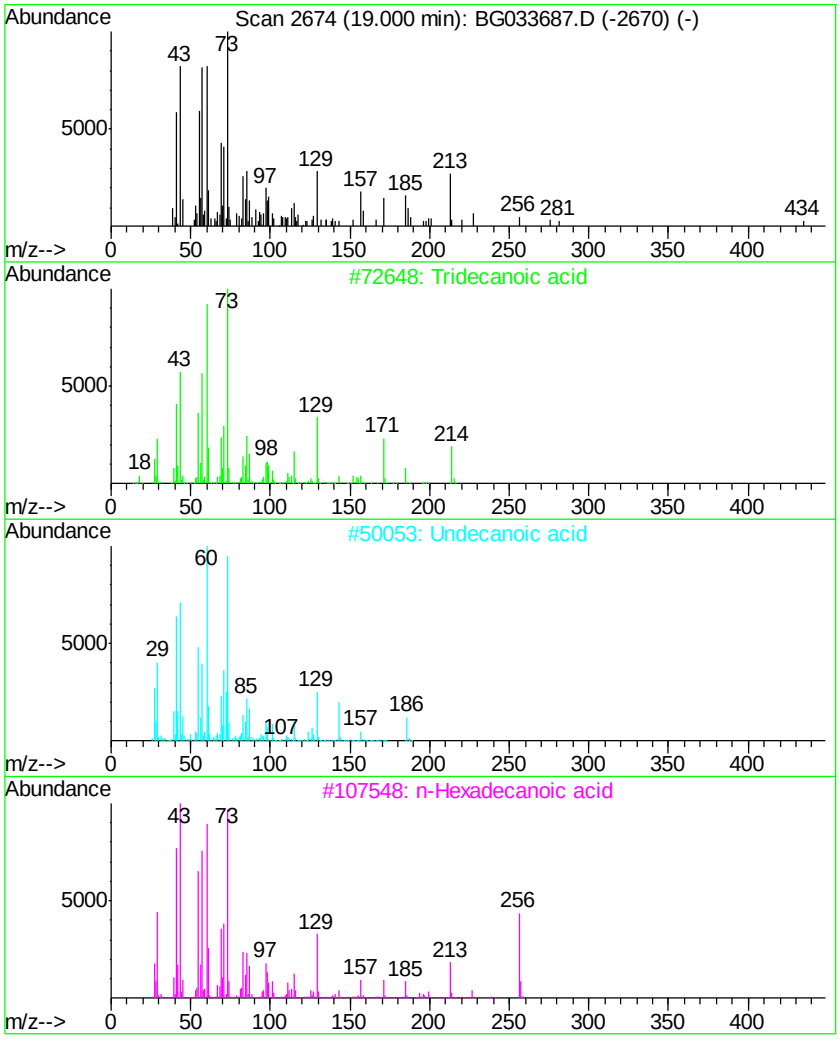
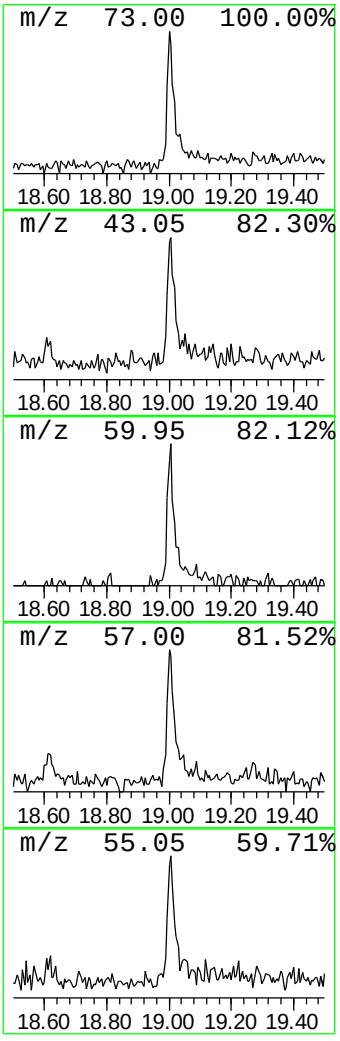
Peak Number 6 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.23 ng	98547	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Undecanoic acid	186	C11H22O2	000112-37-8	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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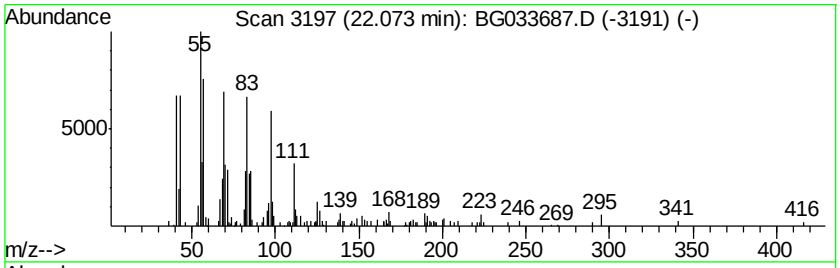
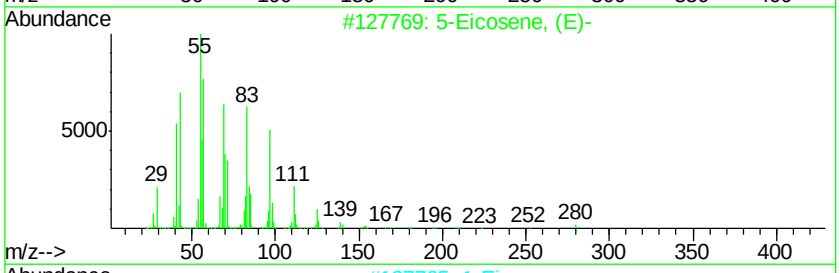
****

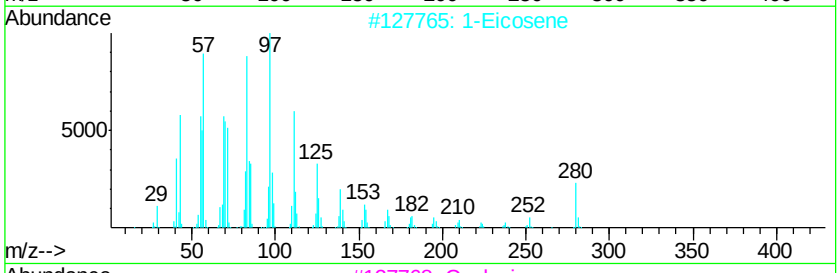
Peak Number 7 5-Eicosene, (E)- Concentration Rank 5

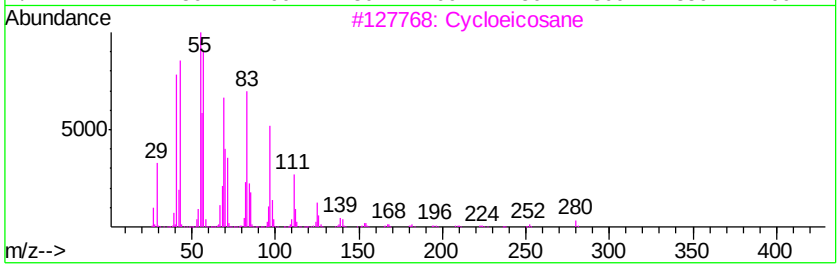
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	4.02 ng	183436	Chrysene-d12	22.55

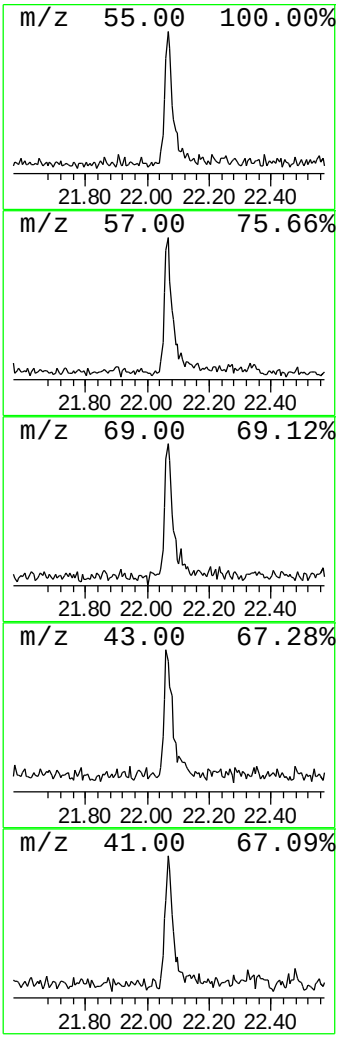
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Eicosene	280	C20H40	003452-07-1	93
3	Cycloeicosane	280	C20H40	000296-56-0	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Cyclotetracosane	336	C24H48	000297-03-0	90











Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	23.1	ng	296625	1	8.86	257010	20.0
2-Pentanone, 4-hy...	5.77	3.1	ng	40463	1	8.86	257010	20.0
unknown8.37	8.37	95.0	ng	1220680	1	8.86	257010	20.0
Tridecanoic acid	19.00	2.2	ng	98547	4	18.21	884745	20.0
5-Eicosene, (E)-	22.07	4.0	ng	183436	5	22.55	911489	20.0