LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033272.D
Acq On : 20 Mar 2018 17:56
Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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	3.500	30	36	47	rBV	147434	295797	7.03%	1.623%
2	3.588	47	51	62	rVB	92031	149280	3.55%	0.819%
3	6.308	508	514	536	rBV	232674	528831	12.57%	2.902%
4	8.000	792	802	824	rBV	132560	383960	9.13%	2.107%
5	8.400	863	870	889	rBV	522998	1144594	27.21%	6.280%
6	8.893	944	954	966	rBV	104612	243341	5.78%	1.335%
7	9.228	1002	1011	1032	rBV	519713	1080728	25.69%	5.930%
8	10.092	1151	1158	1176	rBV	441304	1013991	24.11%	5.564%
9	11.778	1437	1445	1466	rBV2	164154	371371	8.83%	2.038%
10	14.140	1840	1847	1861	rBV	1413408	2461785	58.52%	13.508%
11	14.928	1975	1981	1986	rBV	62017	101893	2.42%	0.559%
12	15.339	2046	2051	2056	rVB	30750	44679	1.06%	0.245%
13	15.509	2073	2080	2093	rBV2	330992	584852	13.90%	3.209%
14	16.273	2201	2210	2215	rBV	55223	81834	1.95%	0.449%
15	16.673	2272	2278	2284	rBV3	23112	50946	1.21%	0.280%
16	16.984	2323	2331	2343	rBV	1352918	2263262	53.80%	12.418%
17	17.131	2351	2356	2359	rBV2	41661	64468	1.53%	0.354%
18	18.241	2538	2545	2556	rBV	459351	778756	18.51%	4.273%
19	19.040	2675	2681	2690	rBV	149482	256342	6.09%	1.407%
20	20.268	2886	2890	2896	rBV3	61783	87957	2.09%	0.483%
21	20.762	2967	2974	2989	rBV	3103787	4206545	100.00%	23.081%
22	22.107	3196	3203	3217	rBV2	124369	273174	6.49%	1.499%
23	22.595	3277	3286	3299	rBV2	458748	888450	21.12%	4.875%
24	24.481	3602	3607	3615	rVB4	21461	51944	1.23%	0.285%
25	26.396	3921	3933	3949	rVB	241081	816532	19.41%	4.480%

Sum of corrected areas: 18225312

LSC Report - Integrated Chromatogram

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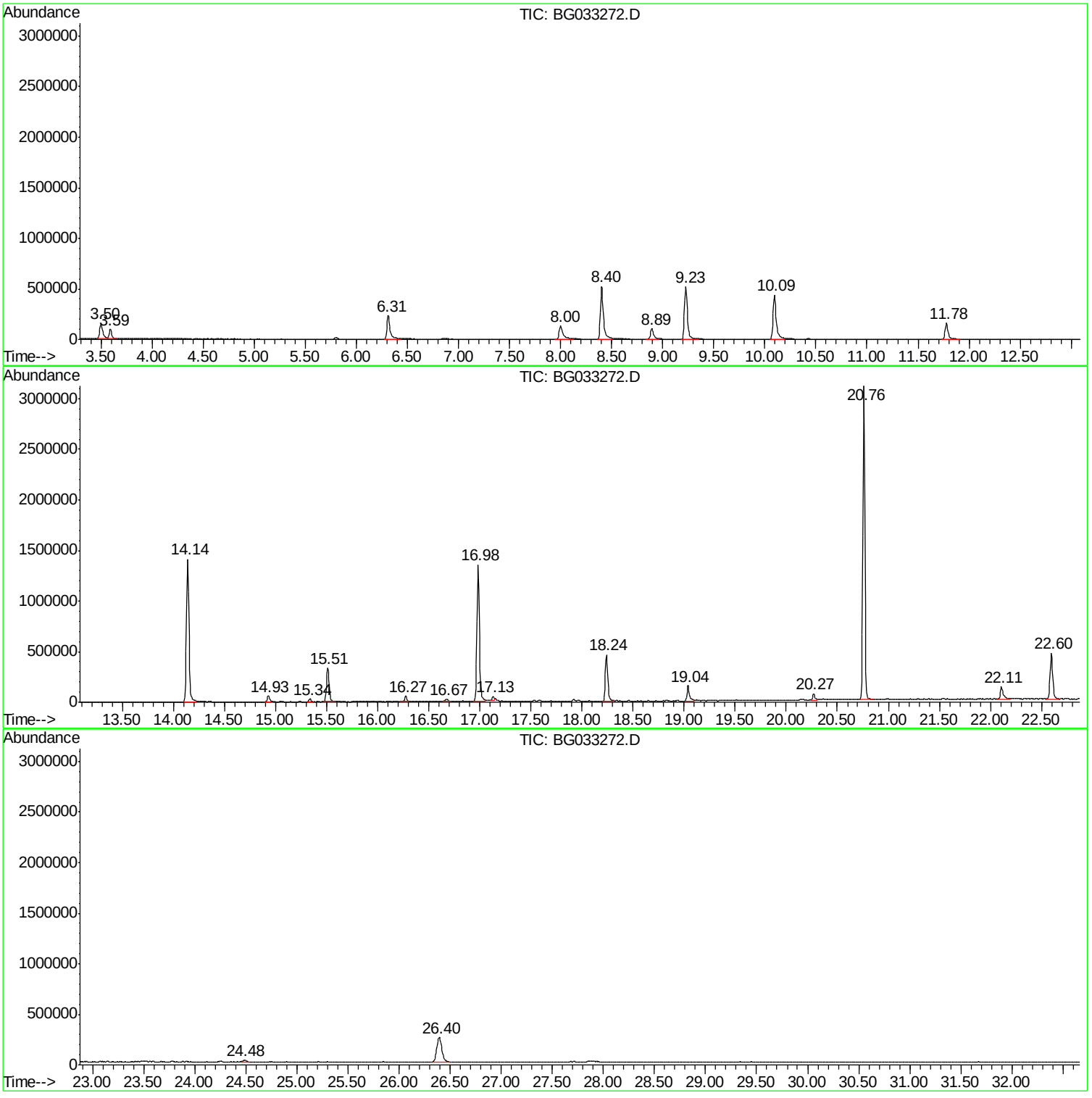
Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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



Library Search Compound Report

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Data File : BG033272.D
Acq On : 20 Mar 2018 17:56
Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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

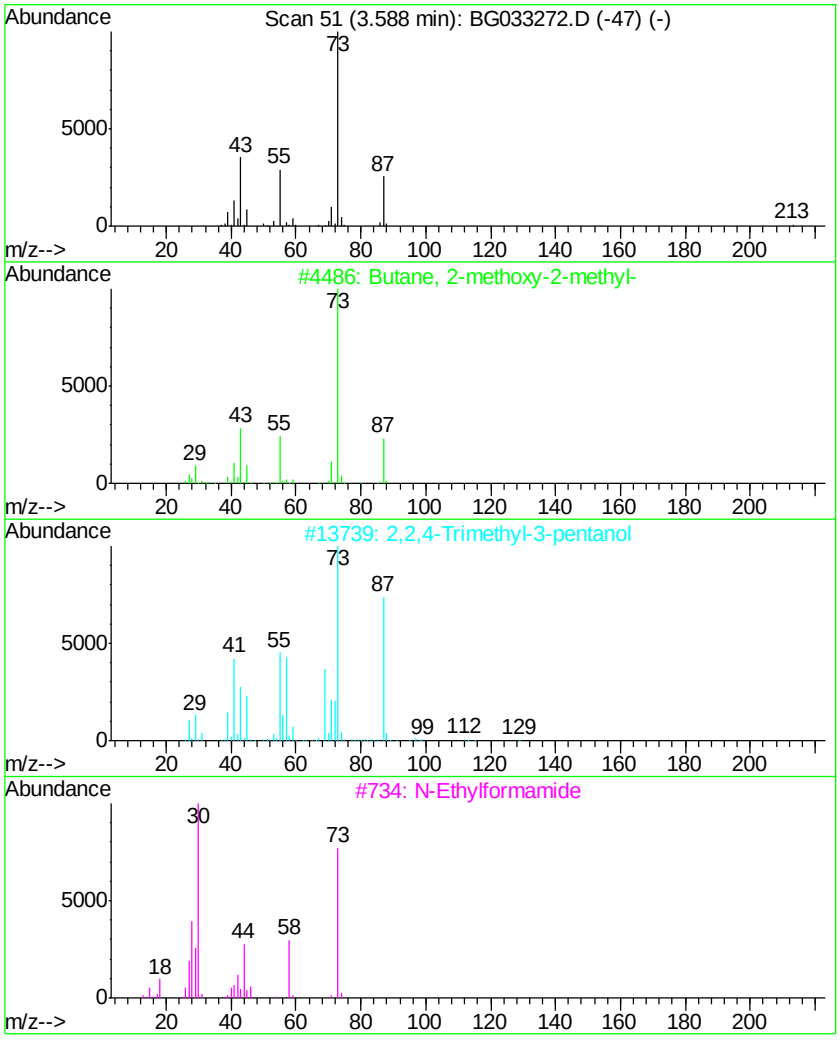
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

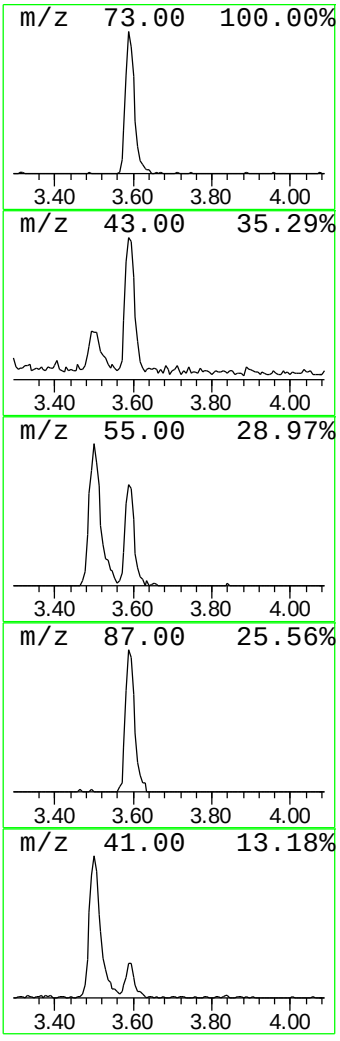
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	12.27 ng	149280	1,4-Dichlorobenzene-d4	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Library Search Compound Report

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Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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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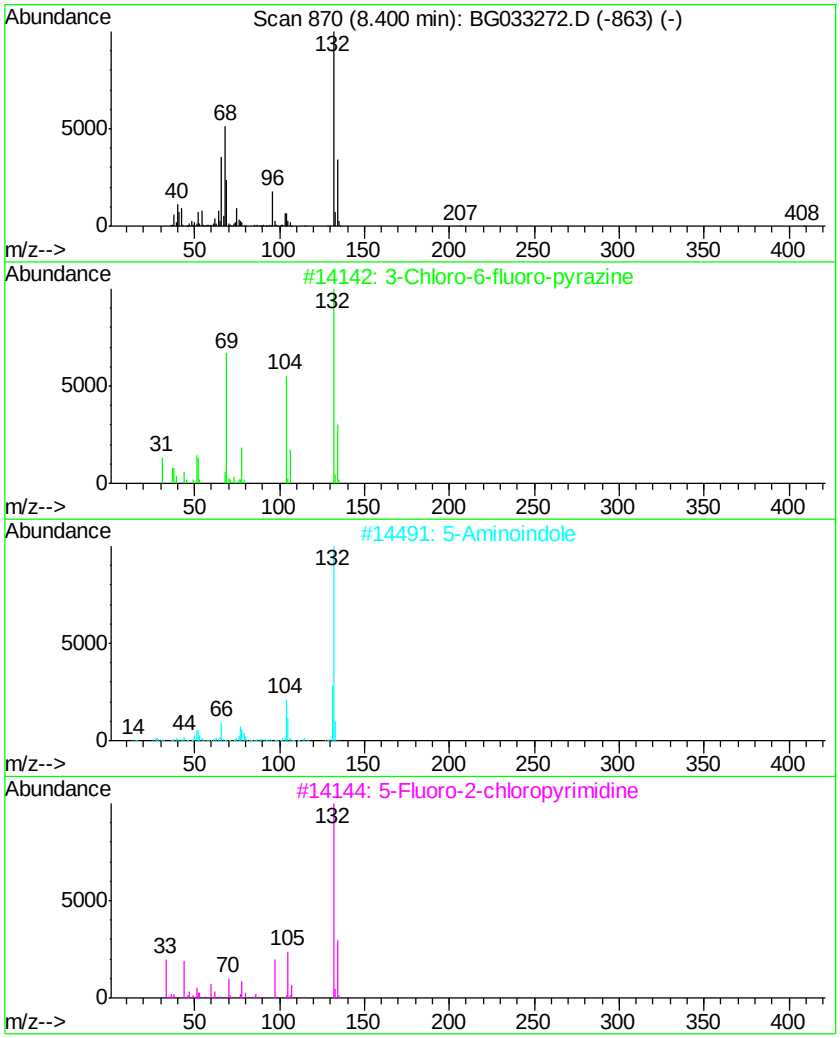
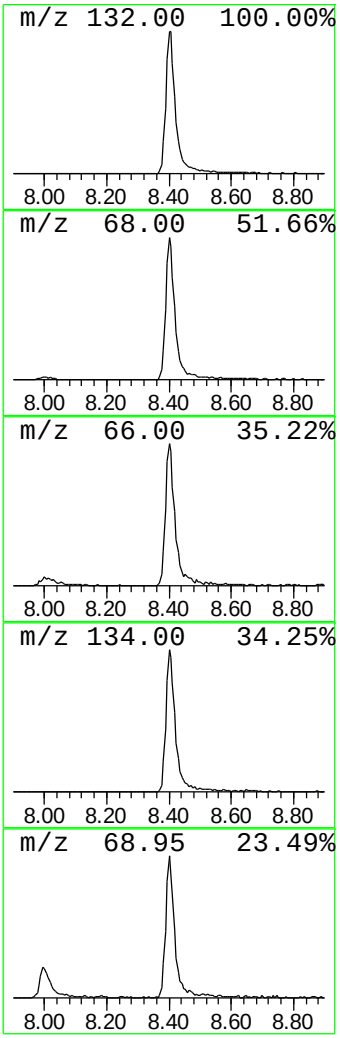
Peak Number 3 unknown8.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	94.07 ng	1144590	1,4-Dichlorobenzene-d4	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Acq On : 20 Mar 2018 17:56
Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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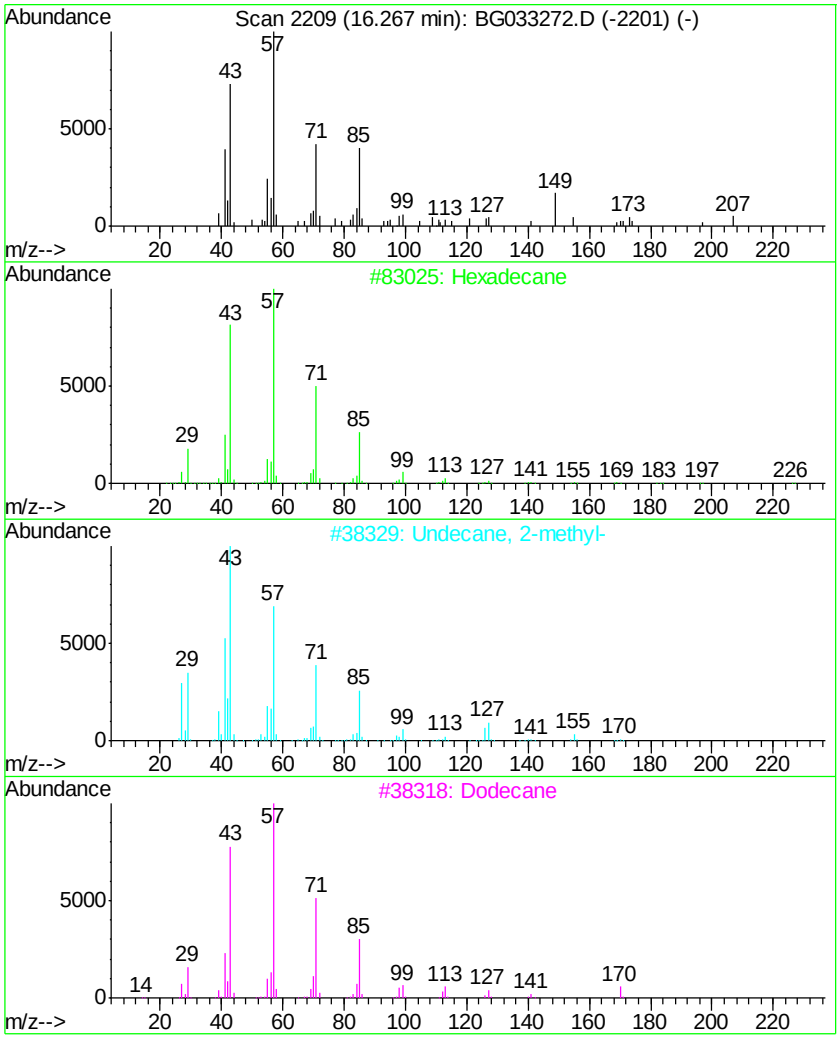
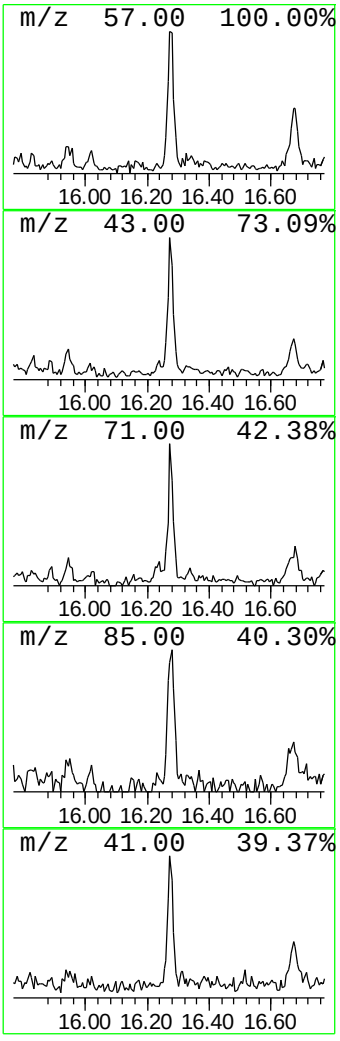
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.80 ng	81834	Acenaphthene-d10	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
3	Dodecane	170	C12H26	000112-40-3	80
4	Tetradecane	198	C14H30	000629-59-4	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	58





Library Search Compound Report

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Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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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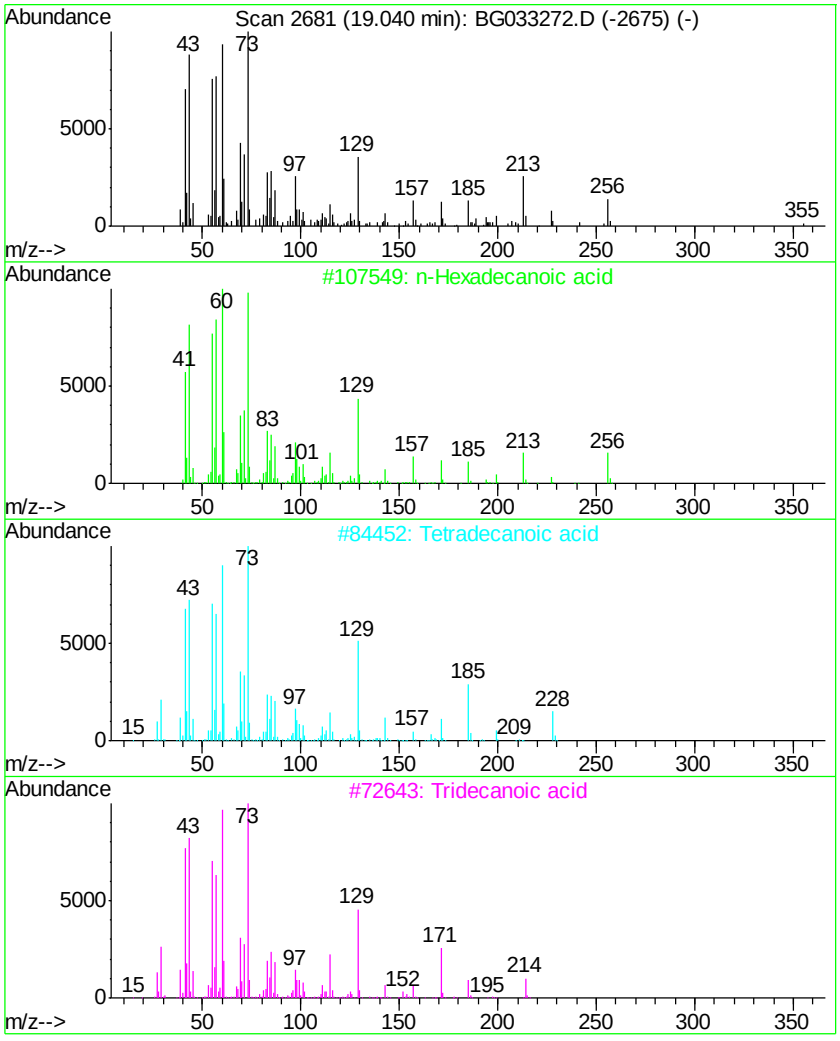
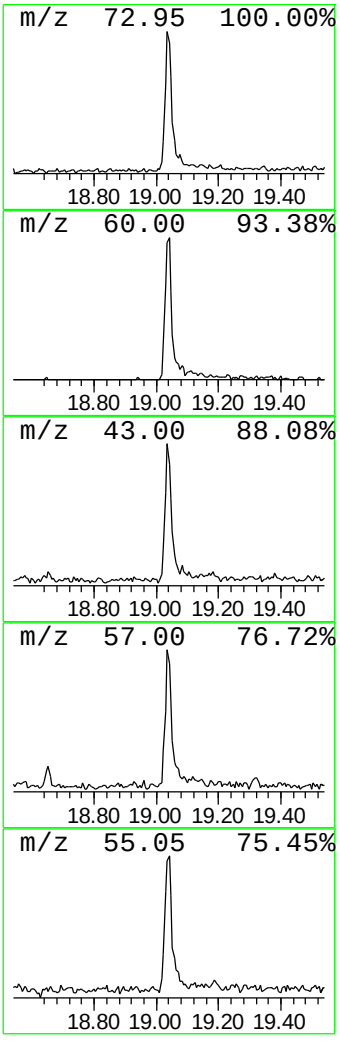
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	6.58 ng	256342	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Data File : BG033272.D
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Operator : SJ/JU
Sample : J1980-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-3

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
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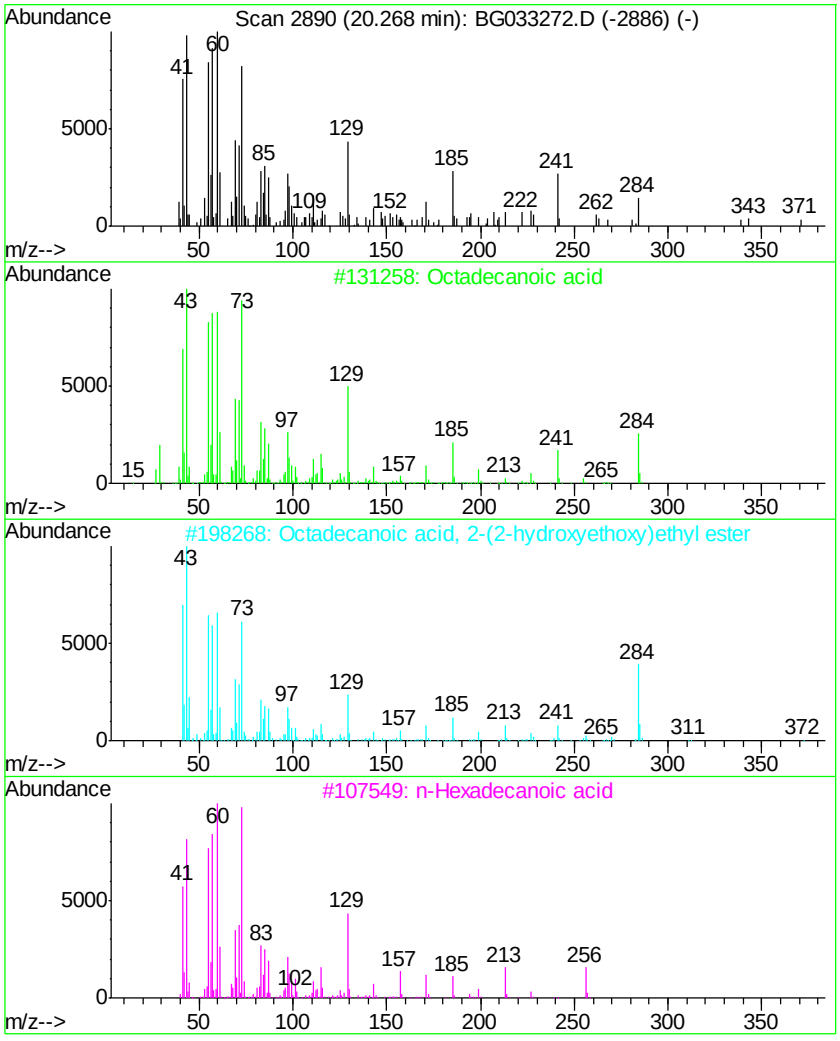
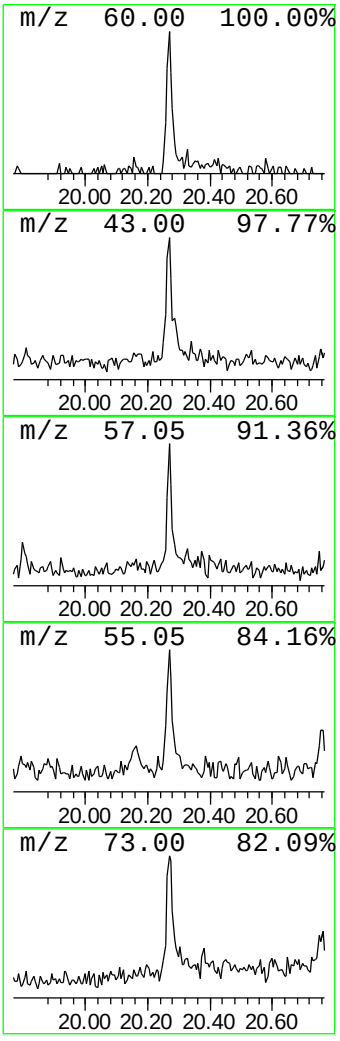
Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.26 ng	87957	Phenanthrene-d10	18.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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Misc :
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Instrument : BNA_G
ClientSampleId : GW-3

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
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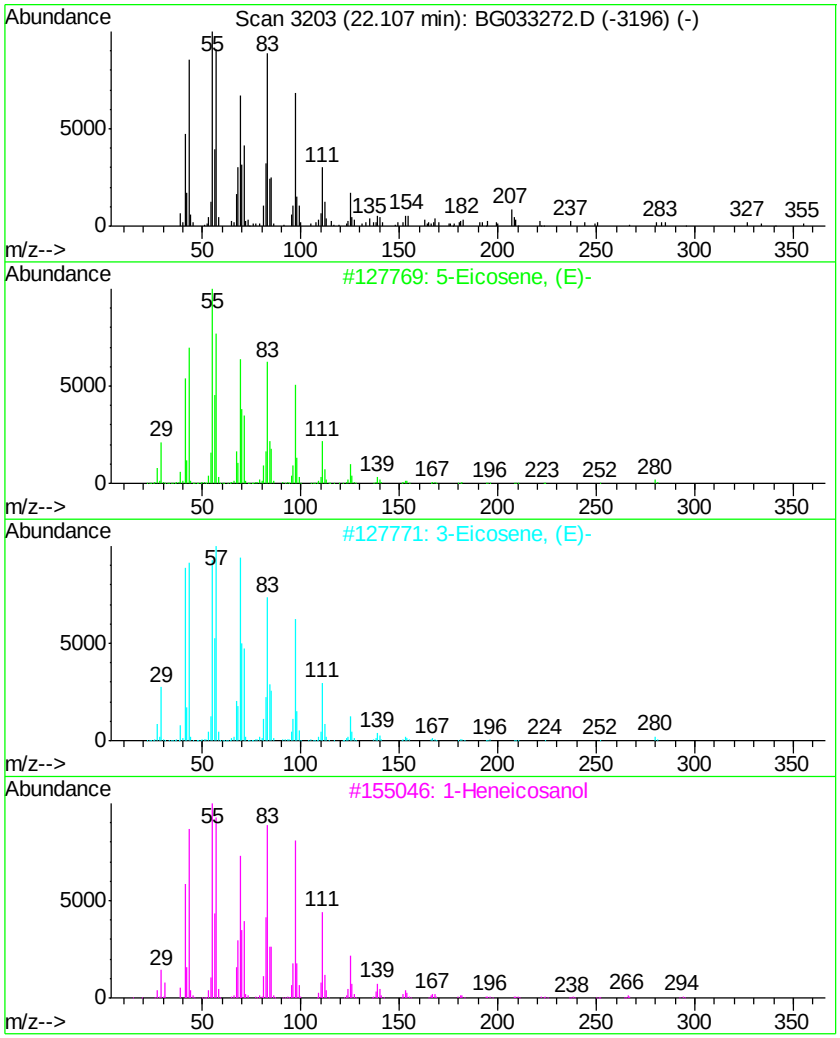
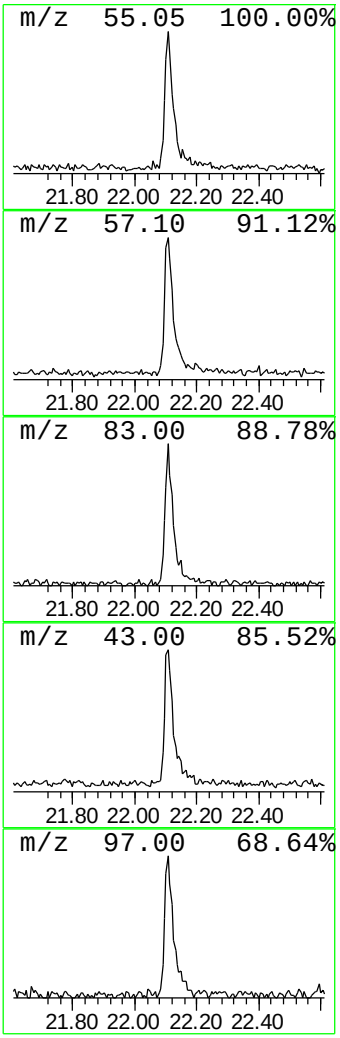
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	6.15 ng	273174	Chrysene-d12	22.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.59	12.3	ng	149280	1	8.89	243341	20.0
unknown8.40	8.40	94.1	ng	1144590	1	8.89	243341	20.0
Hexadecane	16.27	2.8	ng	81834	3	15.51	584852	20.0
n-Hexadecanoic acid	19.04	6.6	ng	256342	4	18.24	778756	20.0
Octadecanoic acid	20.27	2.3	ng	87957	4	18.24	778756	20.0
5-Eicosene, (E)-	22.11	6.2	ng	273174	5	22.59	888450	20.0