LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-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	3.484	27	33	44	rBV	150187	320745	10.65%	1.965%
2	3.572	44	48	56	rVB	90017	144162	4.78%	0.883%
3	5.781	418	424	428	rBV	28262	47498	1.58%	0.291%
4	6.304	504	513	528	rBV	257863	501312	16.64%	3.072%
5	7.990	789	800	819	rBV	149921	363110	12.05%	2.225%
6	8.384	858	867	888	rBV	503326	1024177	33.99%	6.276%
7	8.860	941	948	962	rBV	136383	282906	9.39%	1.734%
8	9.201	997	1006	1017	rBV	549511	1045229	34.69%	6.405%
9	10.065	1144	1153	1175	rBV	417608	928579	30.82%	5.690%
10	11.751	1432	1440	1450	rBV	200769	398052	13.21%	2.439%
11	14.113	1832	1842	1851	rBV	1432264	2345425	77.84%	14.372%
12	14.906	1970	1977	1981	rBV2	39123	67471	2.24%	0.413%
13	15.311	2041	2046	2050	rBV	39185	58264	1.93%	0.357%
14	15.482	2069	2075	2084	rBV3	374619	620918	20.61%	3.805%
15	16.251	2202	2206	2211	rVB	48694	64539	2.14%	0.395%
16	16.651	2267	2274	2279	rBV4	17588	37109	1.23%	0.227%
17	16.956	2319	2326	2339	rBV	972540	1670192	55.43%	10.234%
18	17.103	2347	2351	2354	rBV2	34692	52334	1.74%	0.321%
19	17.891	2481	2485	2489	rVB4	25147	34896	1.16%	0.214%
20	17.938	2489	2493	2499	rBV8	26664	49741	1.65%	0.305%
21	18.214	2534	2540	2547	rBV	439930	743384	24.67%	4.555%
22	18.913	2654	2659	2663	rBV6	39609	78521	2.61%	0.481%
23	19.013	2672	2676	2684	rBV	141951	224262	7.44%	1.374%
24	20.247	2882	2886	2892	rBV3	66731	101616	3.37%	0.623%
25	20.734	2963	2969	2977	rBV	2237250	3012977	100.00%	18.463%
26	22.074	3192	3197	3204	rBV2	148804	241862	8.03%	1.482%
27	22.562	3273	3280	3290	rVB2	452403	901351	29.92%	5.523%
28	23.478	3433	3436	3442	rBV6	30175	57357	1.90%	0.351%
29	26.328	3911	3921	3936	rVB2	258289	901407	29.92%	5.524%

Sum of corrected areas: 16319396

LSC Report - Integrated Chromatogram

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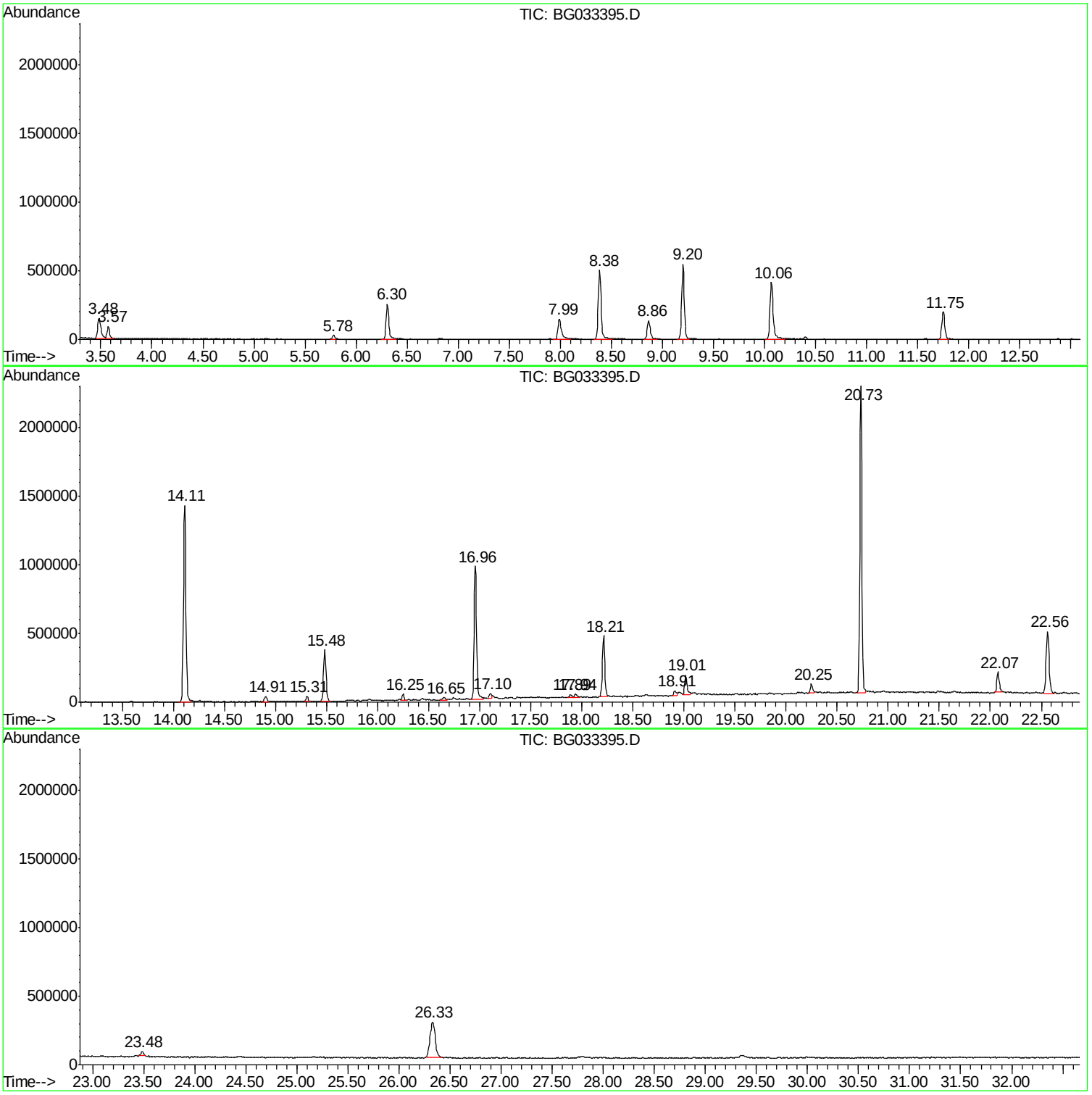
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
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Acq On : 28 Mar 2018 20:51
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Sample : J2097-02
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Instrument : BNA_G
ClientSampleId : PZ-3

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

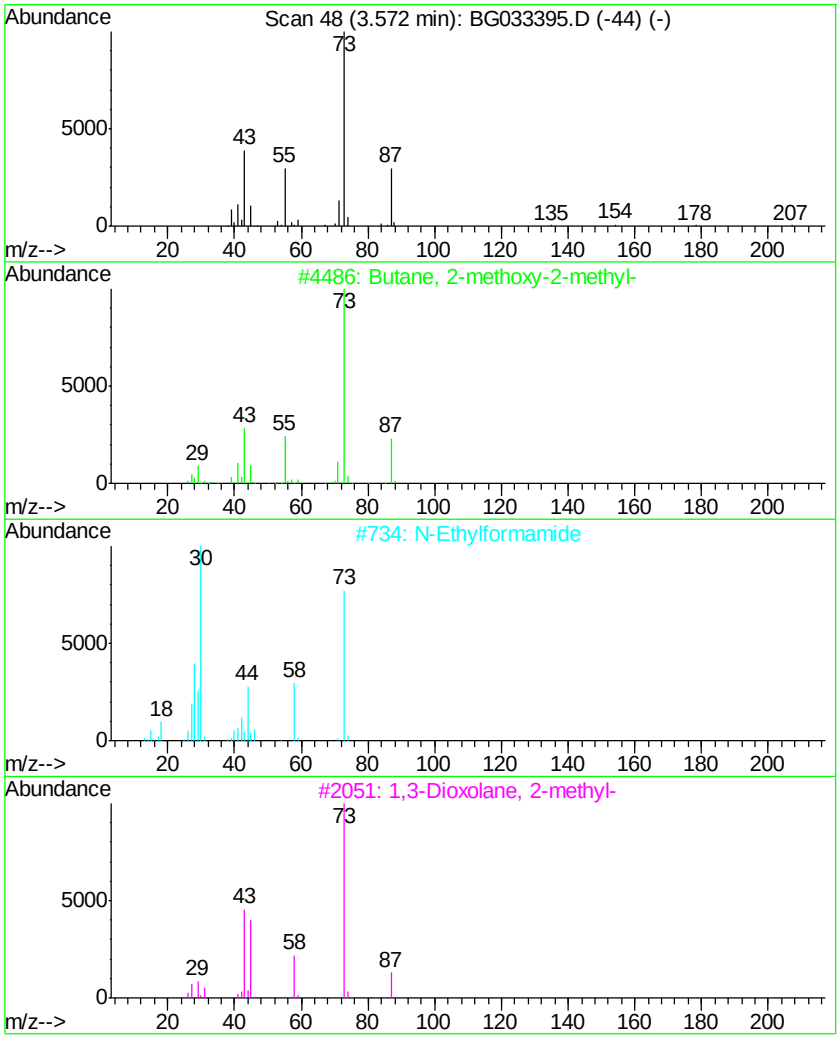
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

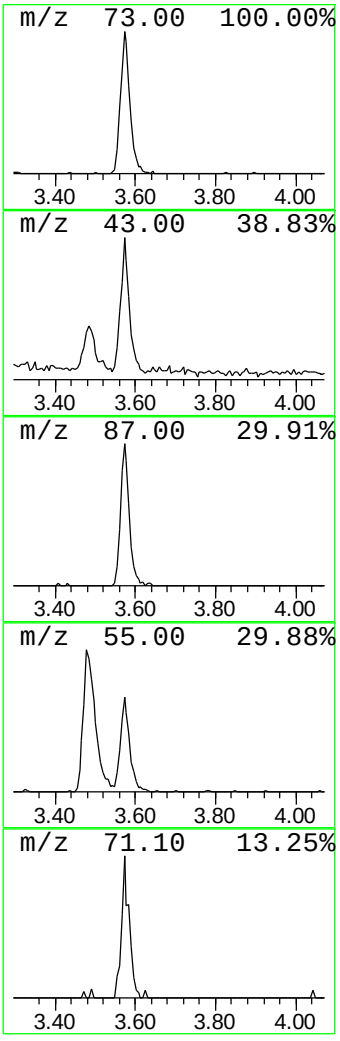
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	10.19 ng	144162	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

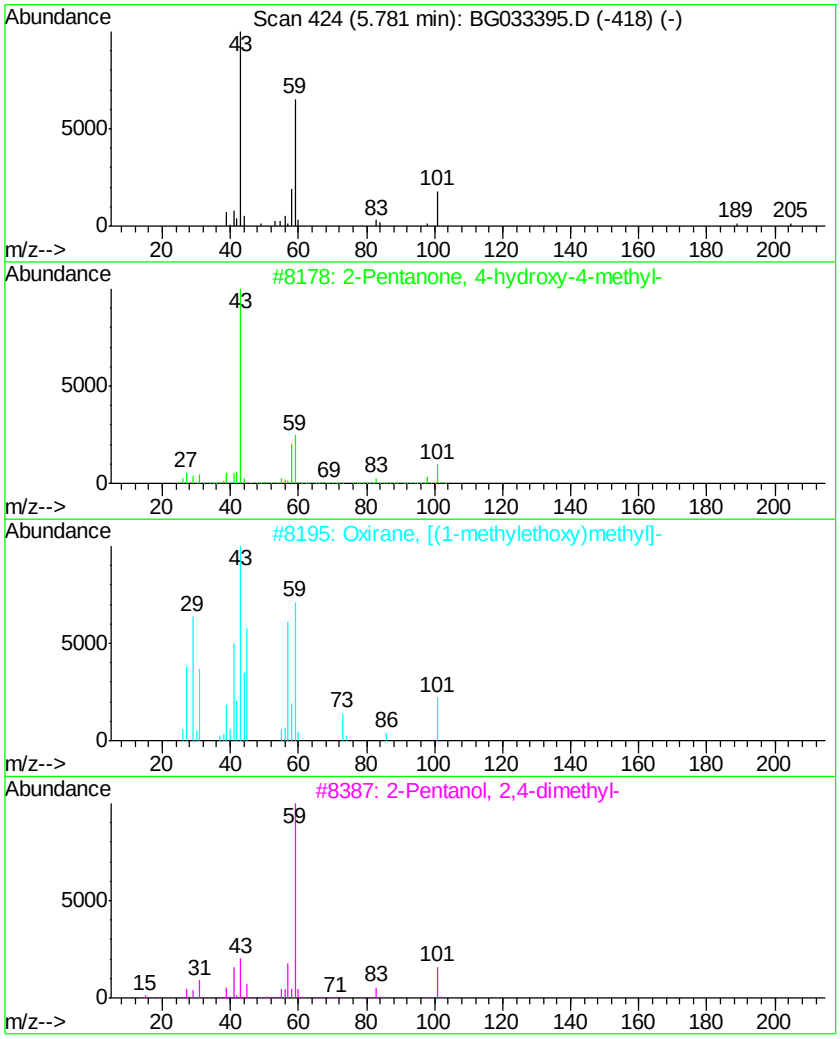
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

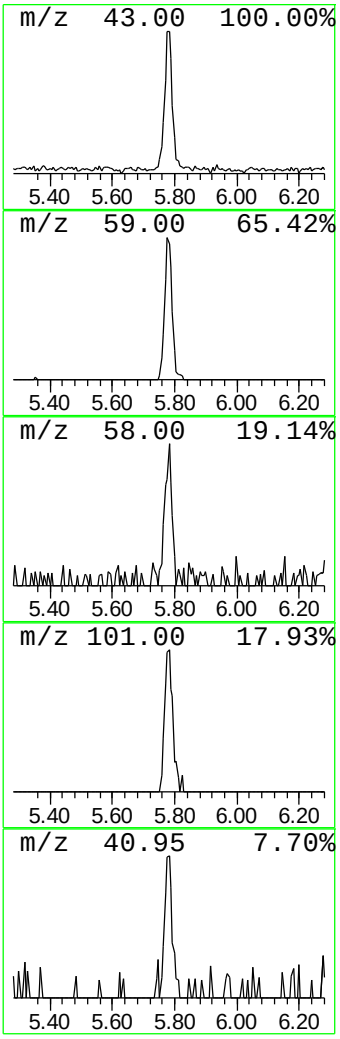
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	3.36 ng	47498	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	40
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	3-Octanol	130	C8H18O	000589-98-0	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

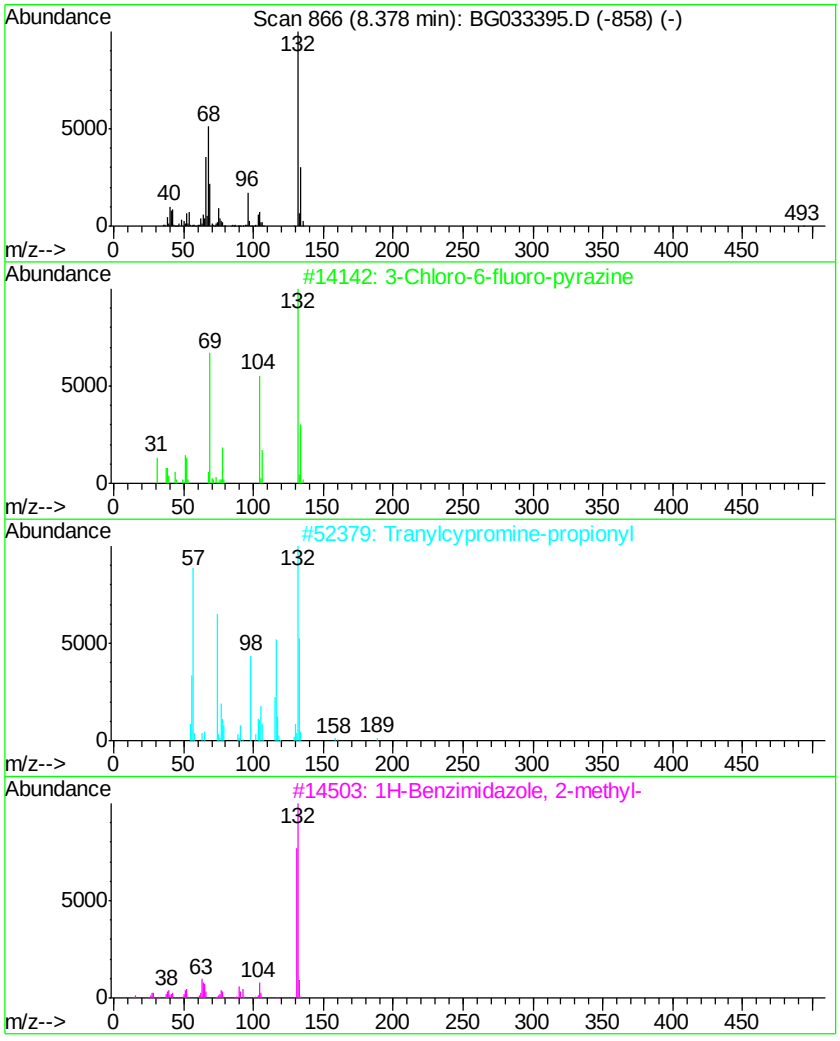
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

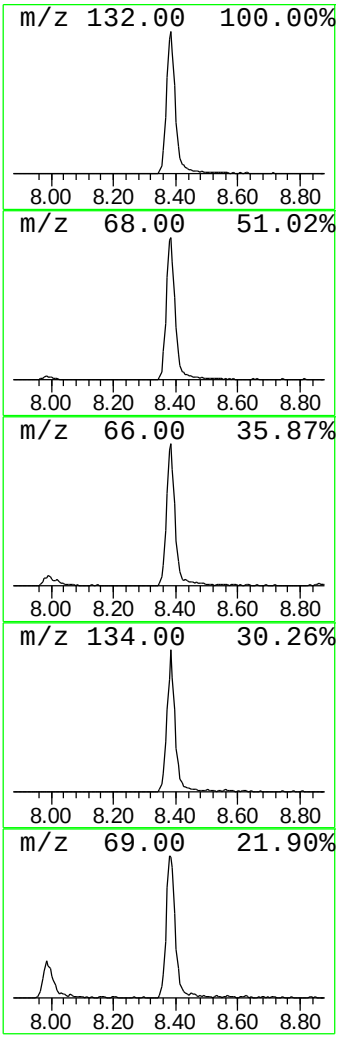
****

Peak Number 4 unknown8.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	72.40 ng	1024180	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

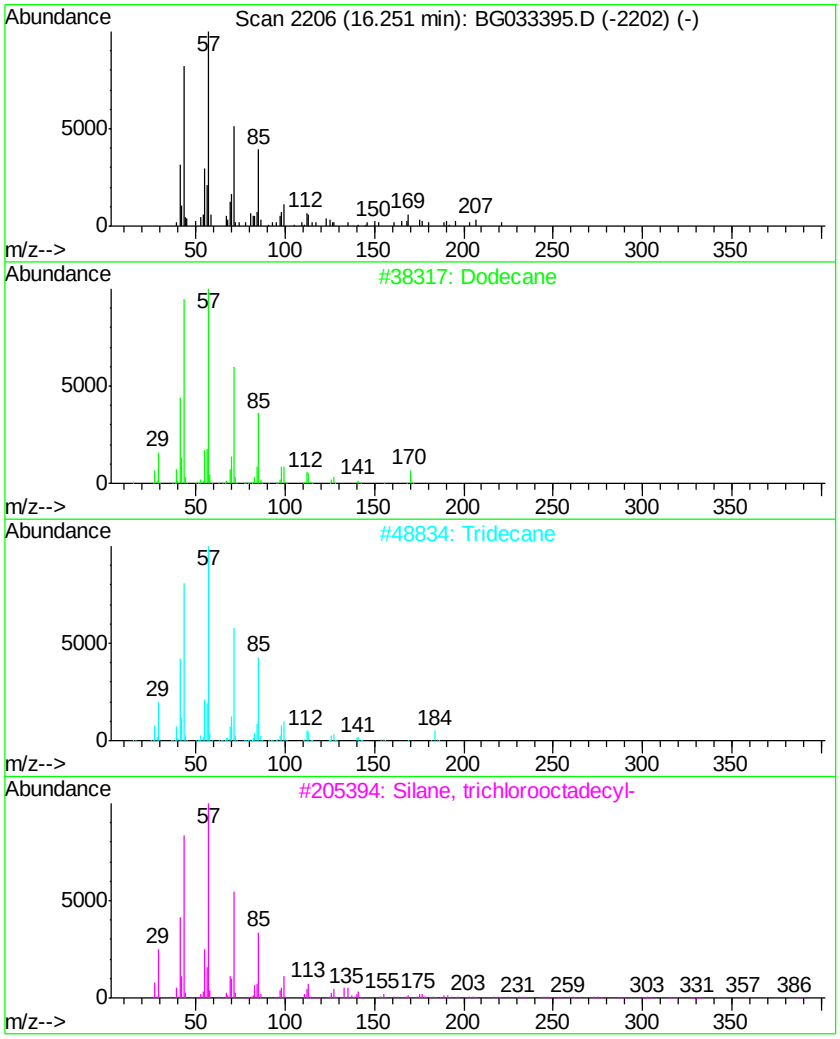
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

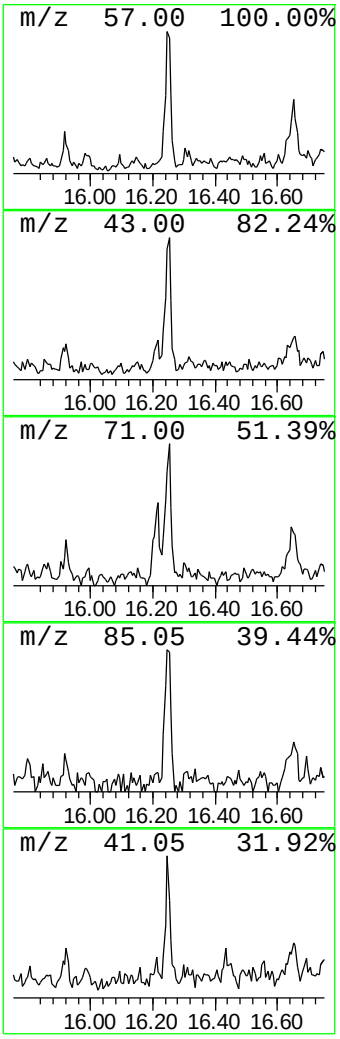
****

Peak Number 6 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.08 ng	64539	Acenaphthene-d10	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	74
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

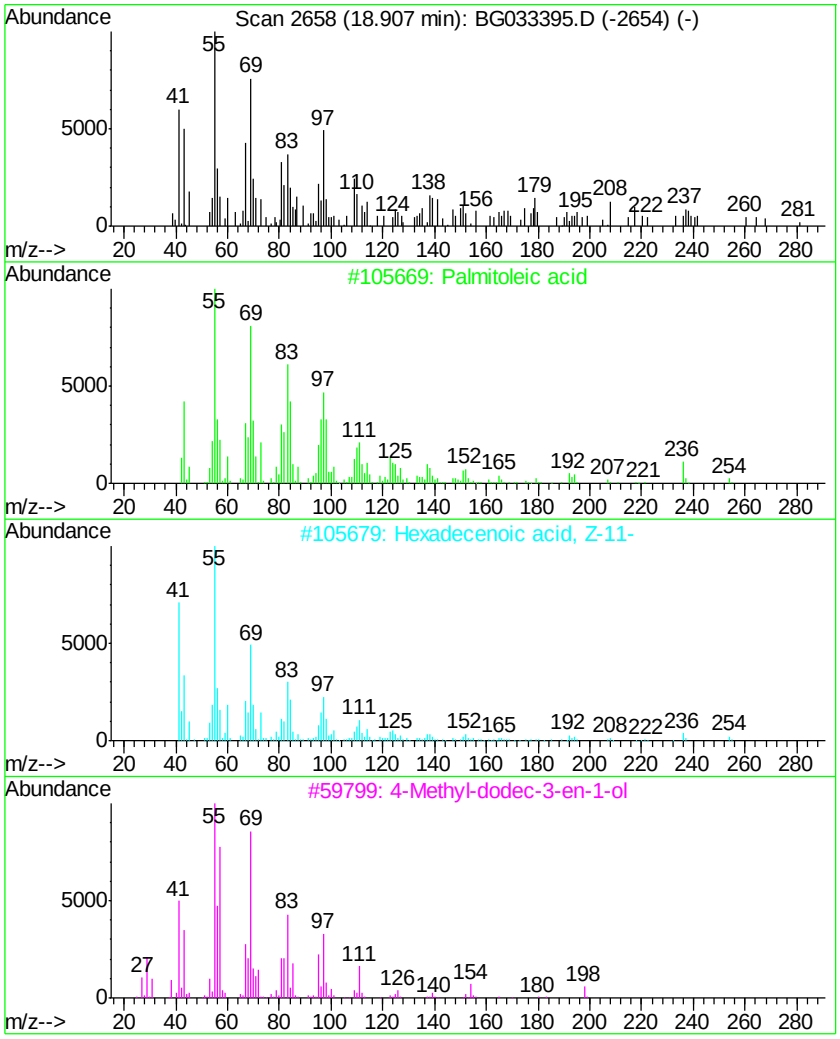
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

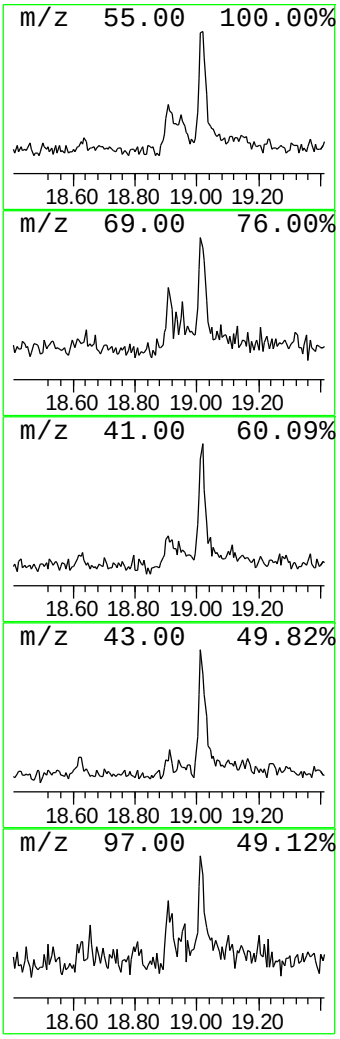
****

Peak Number 7 Palmitoleic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.11 ng	78521	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	64
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64
3	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	64
4	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	60
5	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	58





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Instrument : BNA_G
ClientSampleId : PZ-3

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

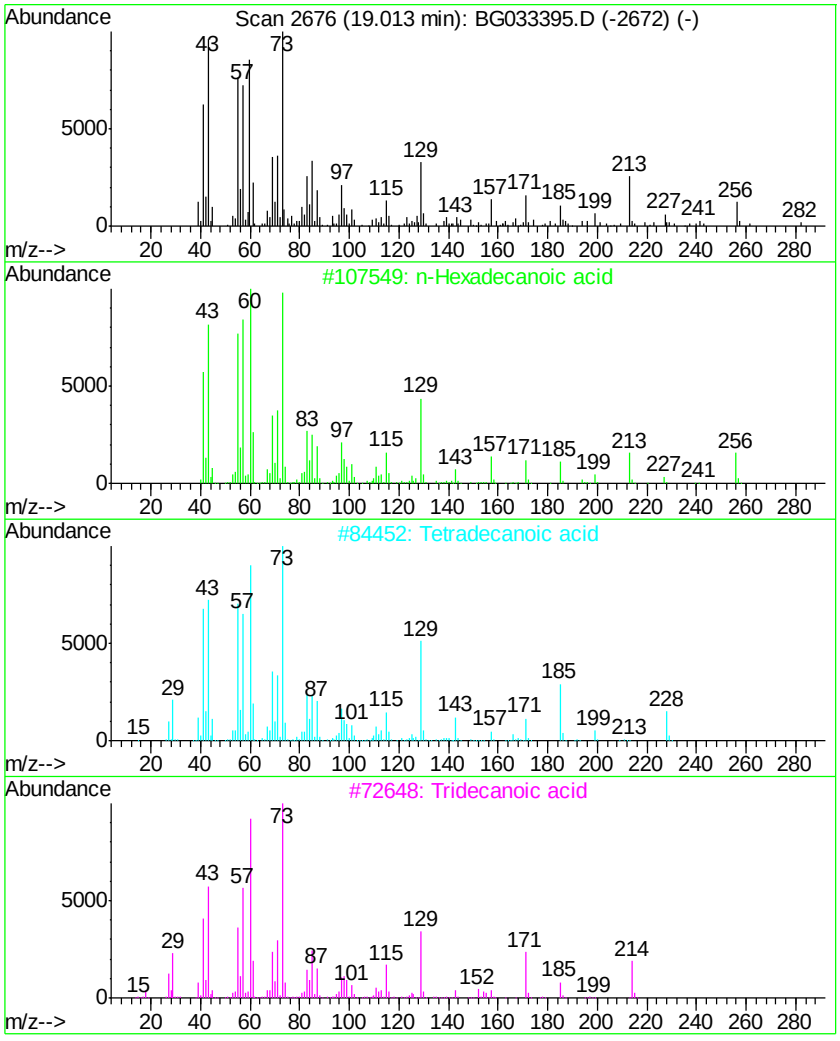
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

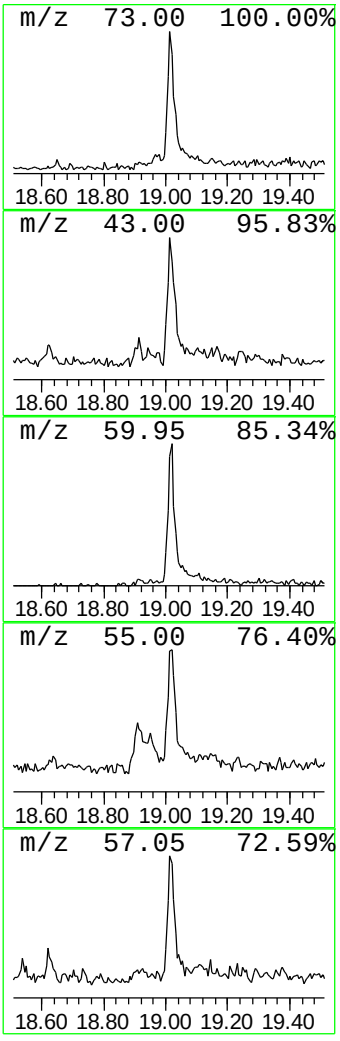
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	6.03 ng	224262	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	38





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Instrument : BNA_G
ClientSampleId : PZ-3

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

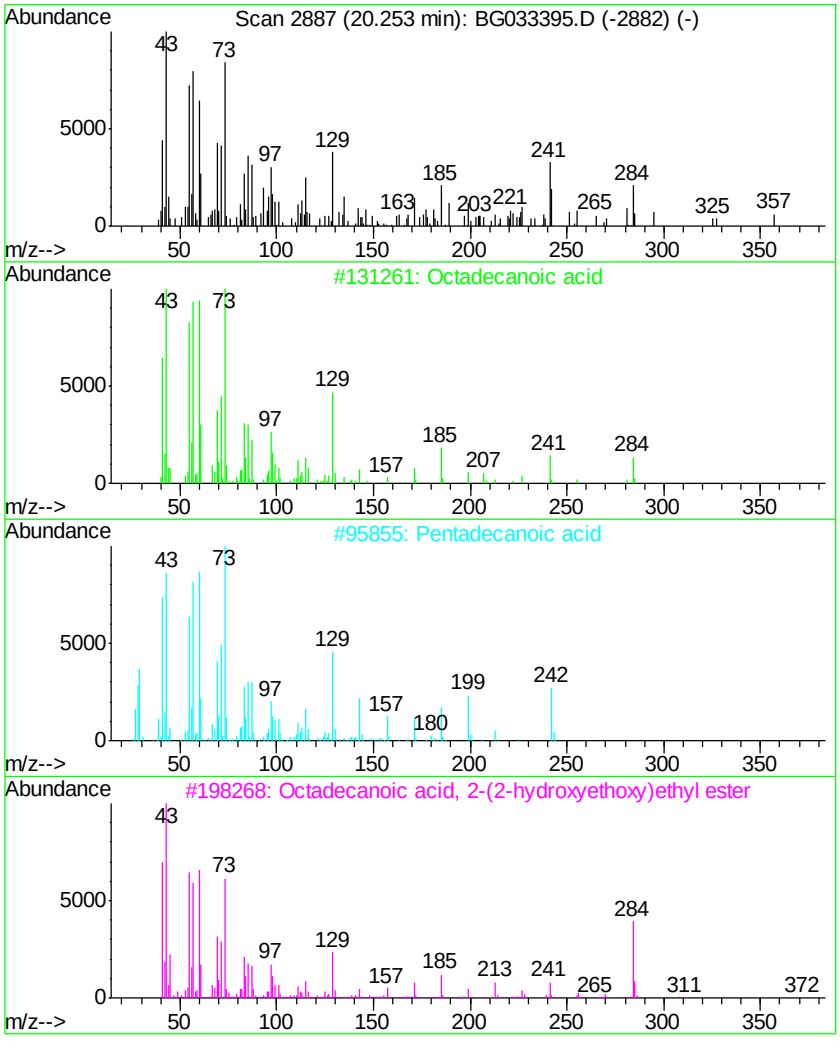
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

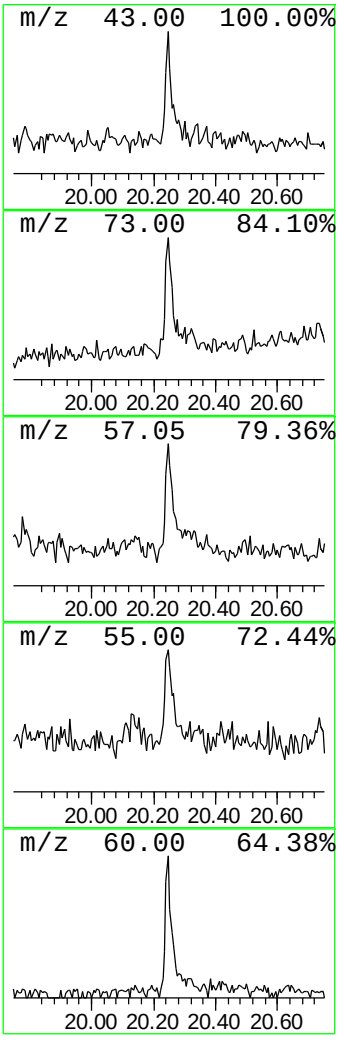
****

Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.73 ng	101616	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

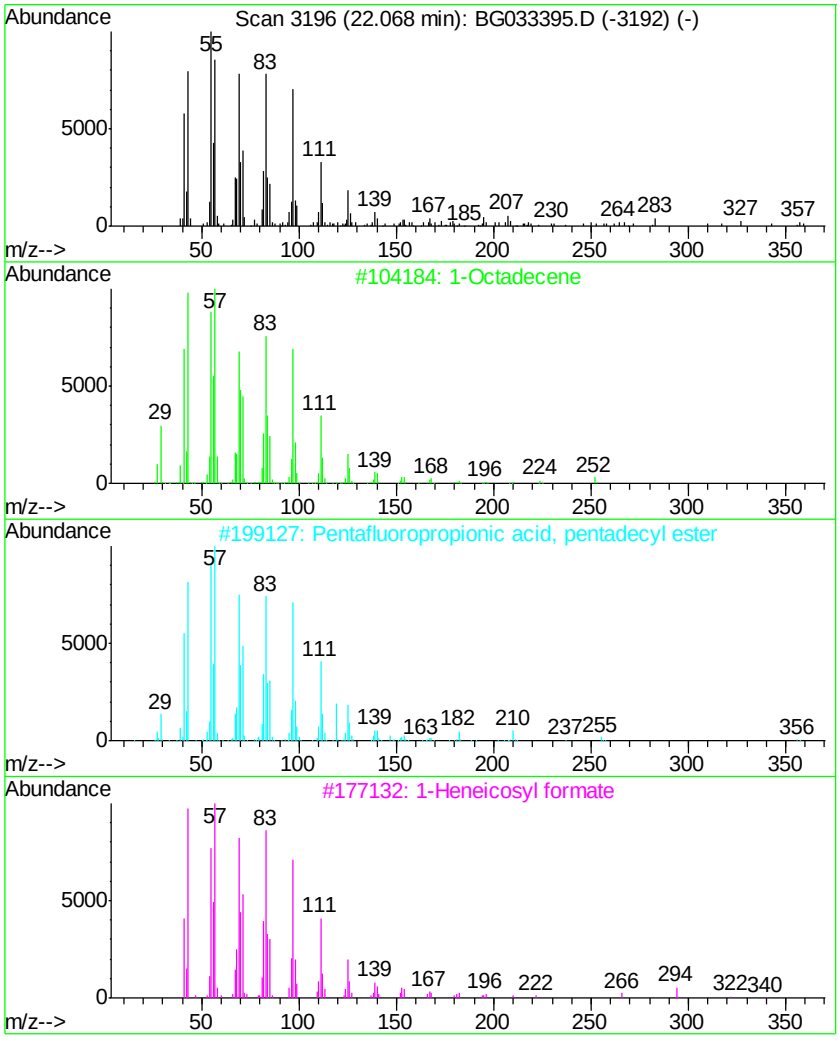
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

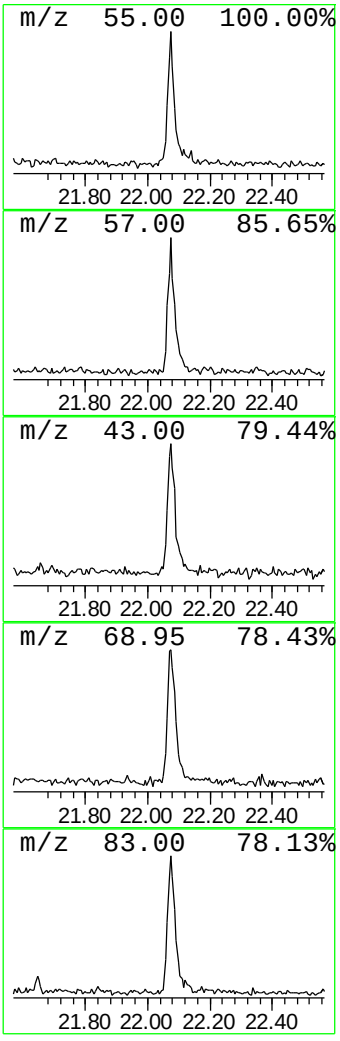
****

Peak Number 10 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	5.37 ng	241862	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032818\
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Instrument : BNA_G
ClientSampleId : PZ-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	10.2	ng	144162	1	8.87	282906	20.0
2-Pentanone, 4-hy...	5.78	3.4	ng	47498	1	8.87	282906	20.0
unknown8.38	8.38	72.4	ng	1024180	1	8.87	282906	20.0
Dodecane	16.25	2.1	ng	64539	3	15.48	620918	20.0
Palmitoleic acid	18.91	2.1	ng	78521	4	18.21	743384	20.0
n-Hexadecanoic acid	19.01	6.0	ng	224262	4	18.21	743384	20.0
Octadecanoic acid	20.25	2.7	ng	101616	4	18.21	743384	20.0
1-Octadecene	22.07	5.4	ng	241862	5	22.56	901351	20.0