LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

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-BG022118.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	3.499	31	36	49	rVV	70590	144588	4.87%	1.006%
2	3.611	50	55	62	rVB	66598	105321	3.55%	0.733%
3	4.950	272	283	289	rBV2	24305	55915	1.88%	0.389%
4	5.179	316	322	330	rBV4	16252	30974	1.04%	0.216%
5	5.808	421	429	439	rBV	78293	143680	4.84%	1.000%
6	6.313	508	515	533	rBV	489566	986151	33.22%	6.863%
7	7.829	768	773	782	rVB3	17900	40758	1.37%	0.284%
8	8.005	795	803	818	rBV	468341	1000872	33.72%	6.965%
9	8.410	864	872	888	rBV	546394	1121050	37.77%	7.802%
10	8.898	946	955	966	rBV	88852	185504	6.25%	1.291%
11	9.233	1003	1012	1027	rBV	421295	844181	28.44%	5.875%
12	10.096	1151	1159	1177	rBV	345453	729032	24.56%	5.074%
13	11.782	1438	1446	1453	rBV	133785	272638	9.18%	1.897%
14	14.144	1840	1848	1862	rBV	1028520	1668748	56.22%	11.614%
15	14.995	1987	1993	1999	rBV3	38602	56829	1.91%	0.395%
16	15.518	2075	2082	2091	rBV2	220836	383734	12.93%	2.671%
17	16.123	2180	2185	2194	rVB4	18857	33618	1.13%	0.234%
18	16.987	2325	2332	2351	rBV	986640	1650009	55.59%	11.483%
19	17.886	2479	2485	2496	rBV	80017	150886	5.08%	1.050%
20	18.244	2540	2546	2558	rVB	325655	550022	18.53%	3.828%
21	20.764	2969	2975	2983	rBV	2184069	2968302	100.00%	20.658%
22	22.603	3281	3288	3297	rVB	329030	616724	20.78%	4.292%
23	26.403	3925	3935	3947	rVB2	193679	629462	21.21%	4.381%

Sum of corrected areas: 14368998

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
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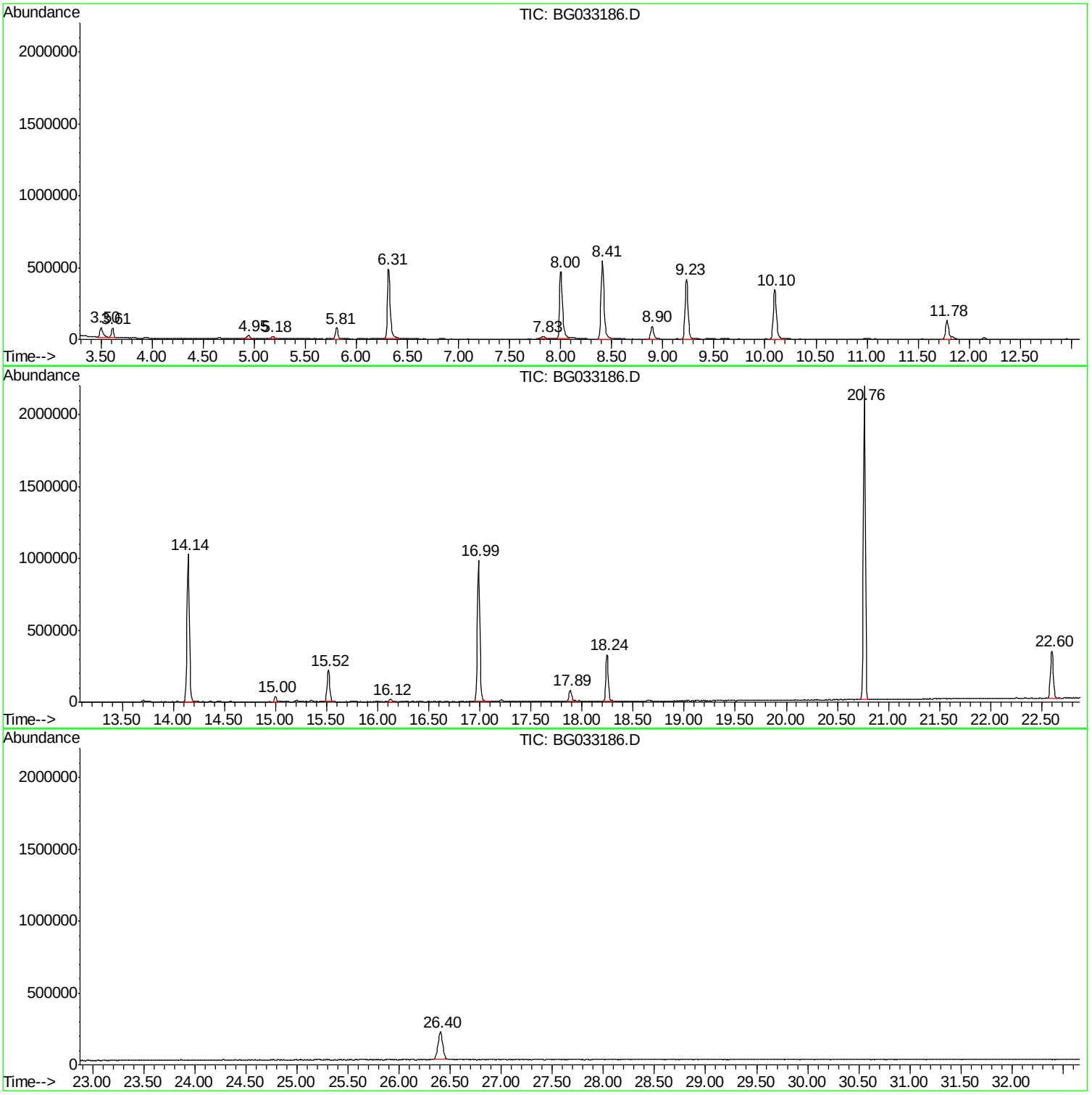
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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\BG031518\
Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

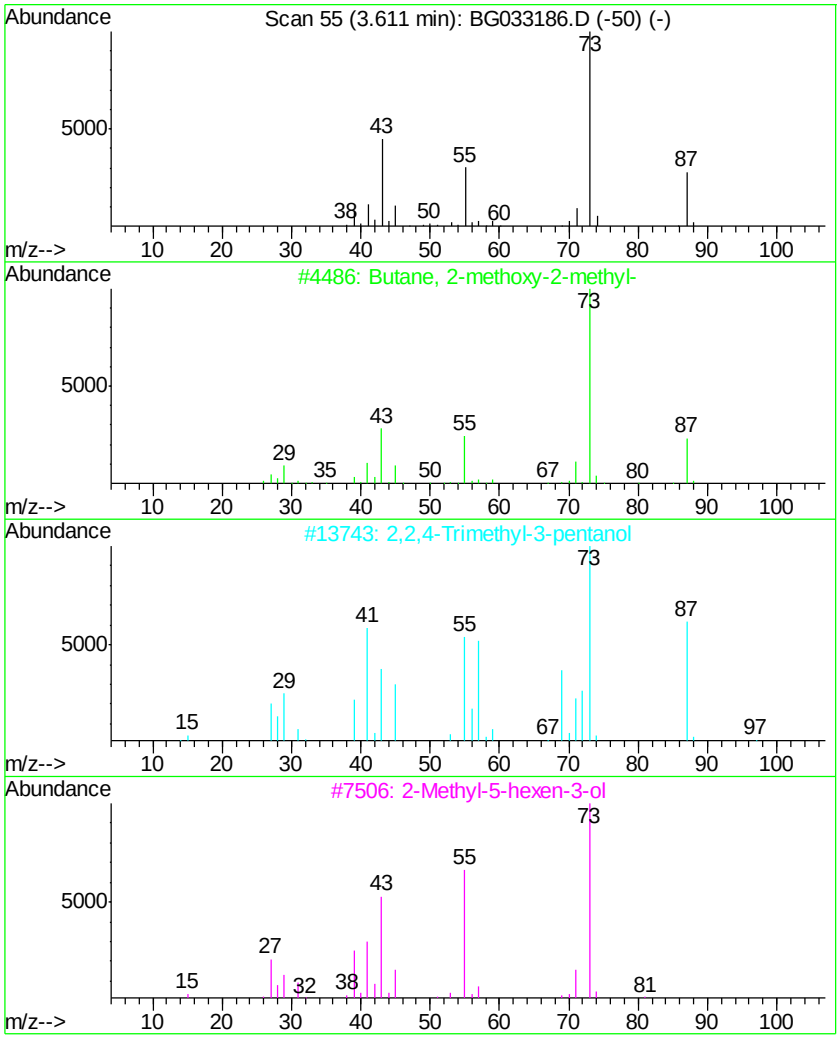
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

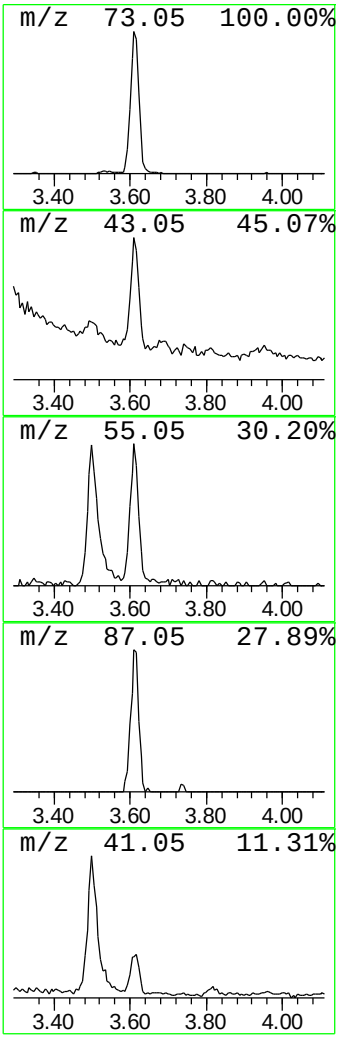
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	11.36 ng	105321	1,4-Dichlorobenzene-d4	8.90

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	43
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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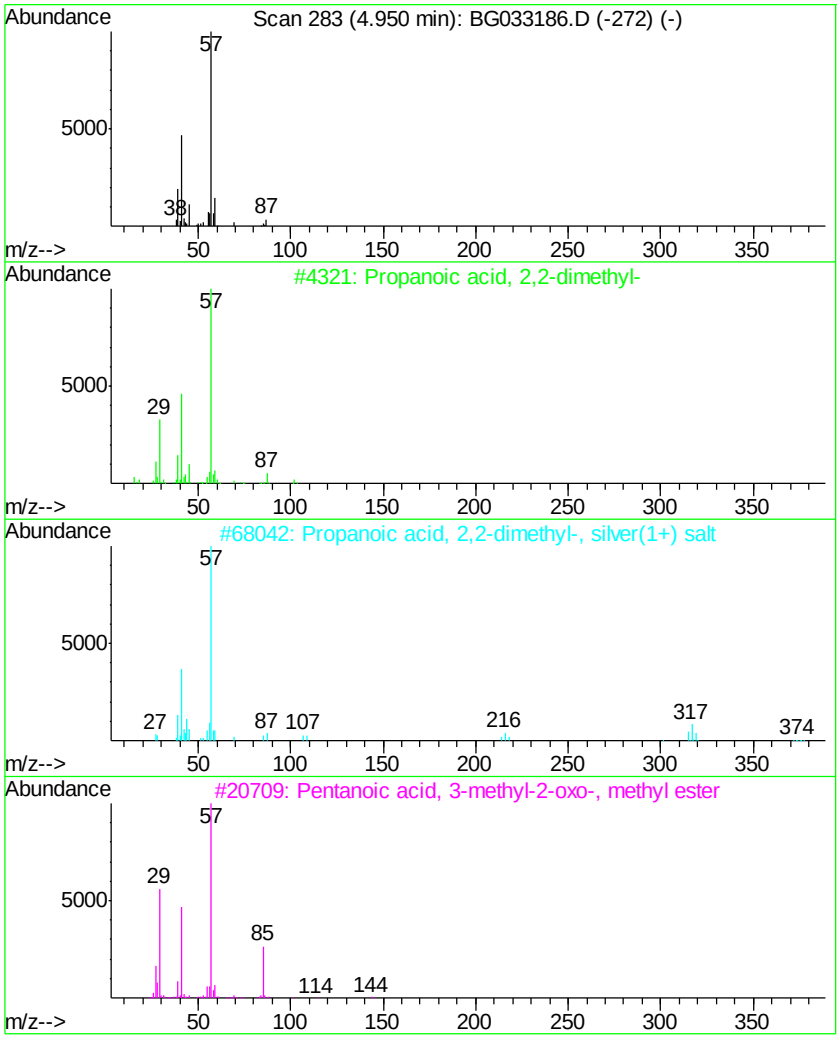
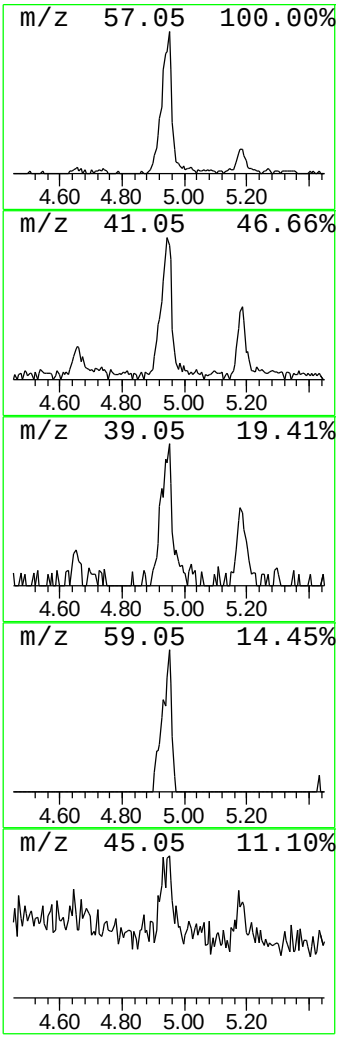
Peak Number 3 Propanoic acid, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.03 ng	55915	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	64
2	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	45
3	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	40
4	2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	38
5	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

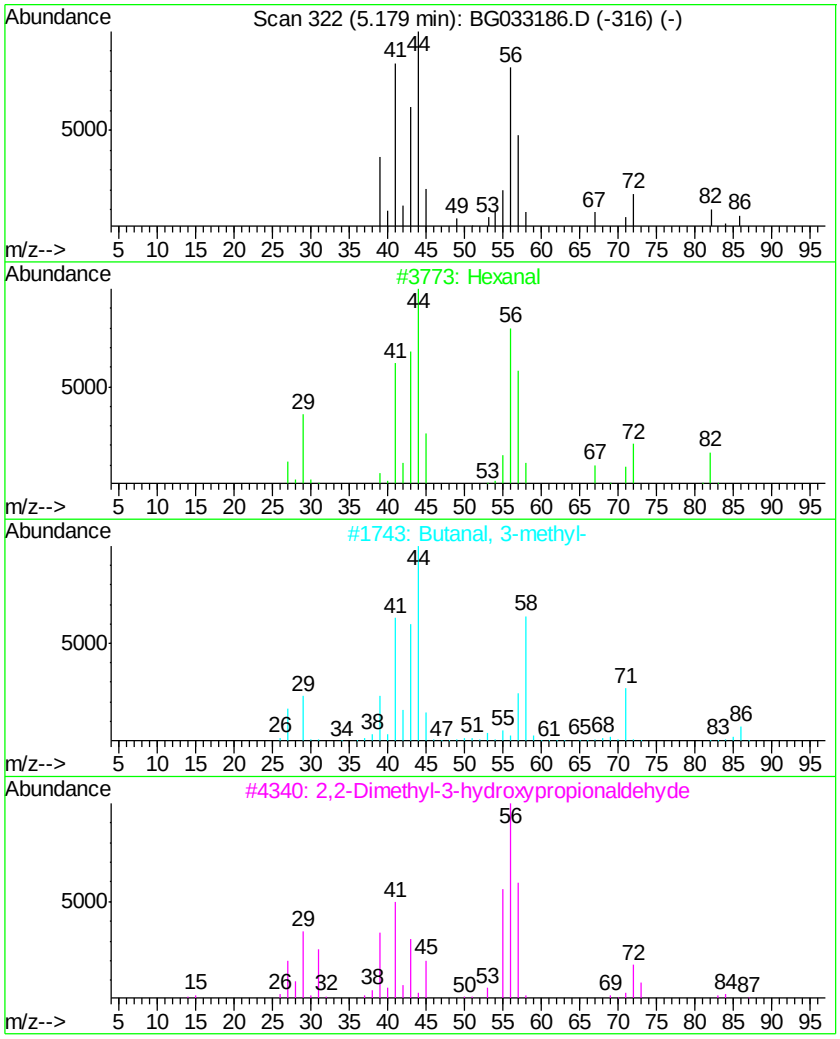
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

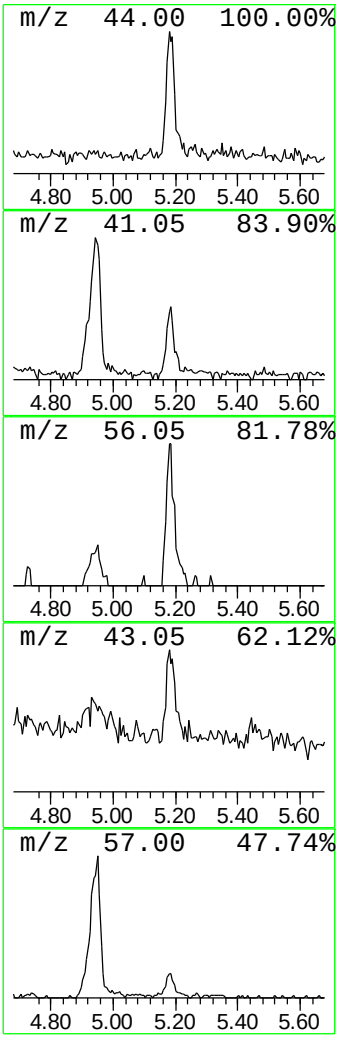
****

Peak Number 4 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.34 ng	30974	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	78
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	38
3	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	25
5	4-Methyloxazolidine	87	C4H9NO	155799-98-7	17





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Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

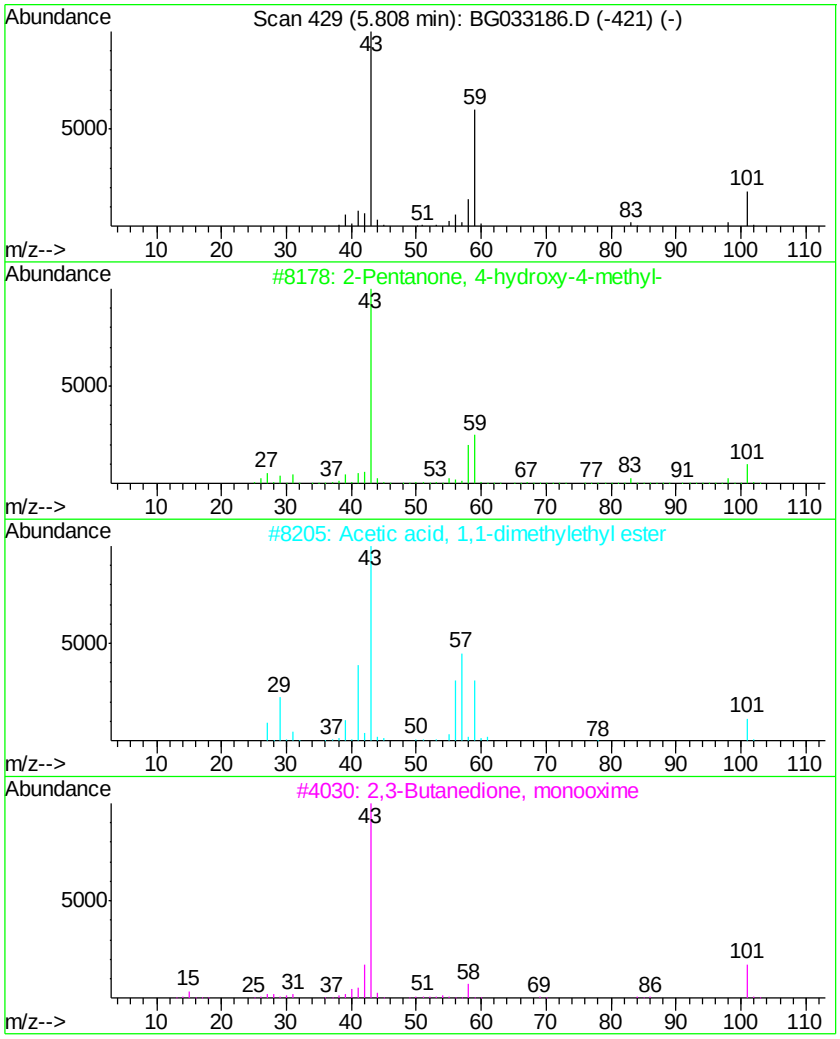
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

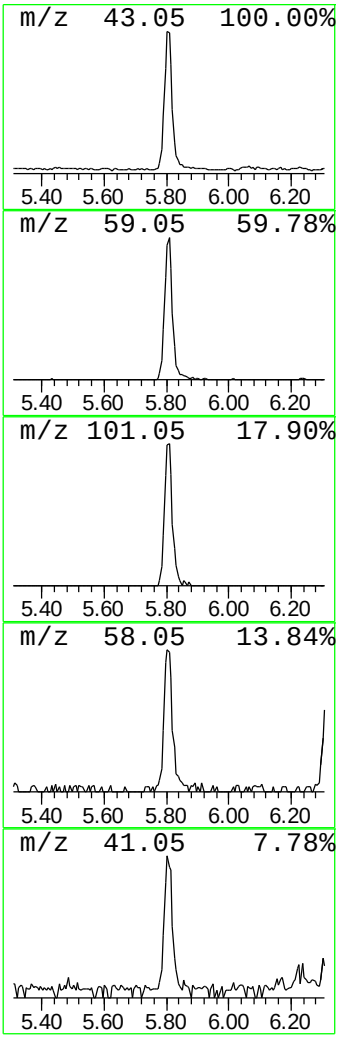
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	15.49 ng	143680	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Guanidine	59	CH5N3	000113-00-8	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033186.D
Acq On : 15 Mar 2018 21:02
Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

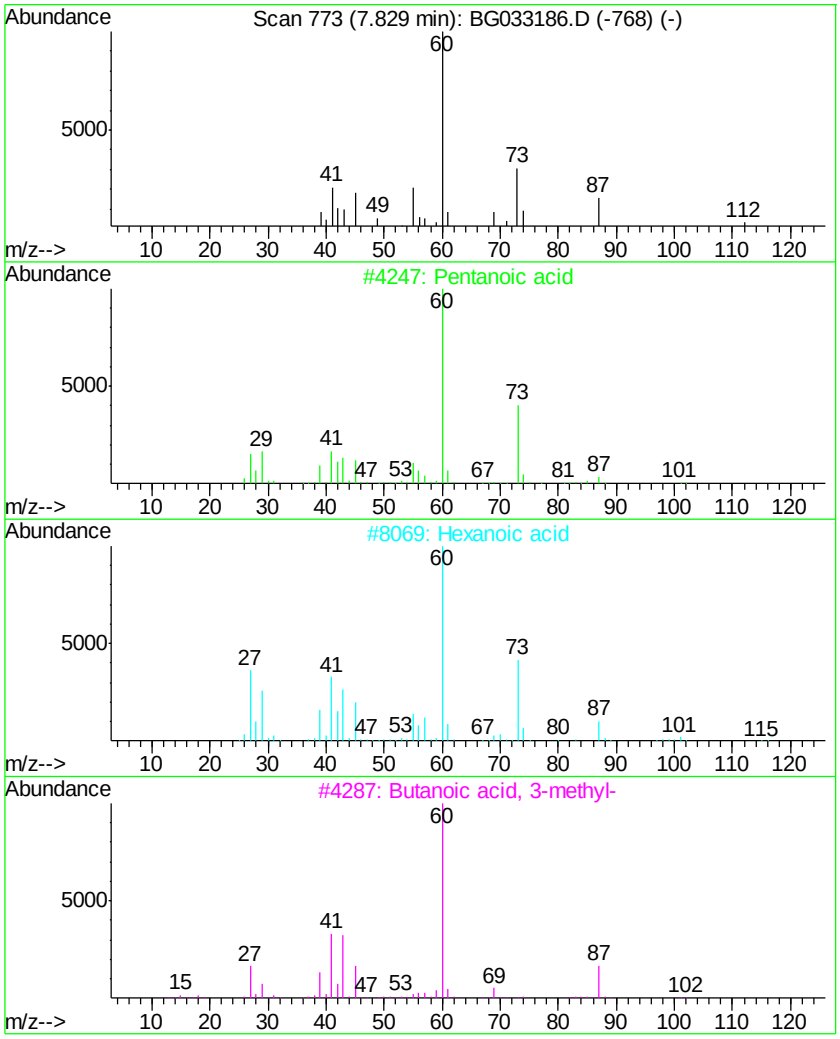
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

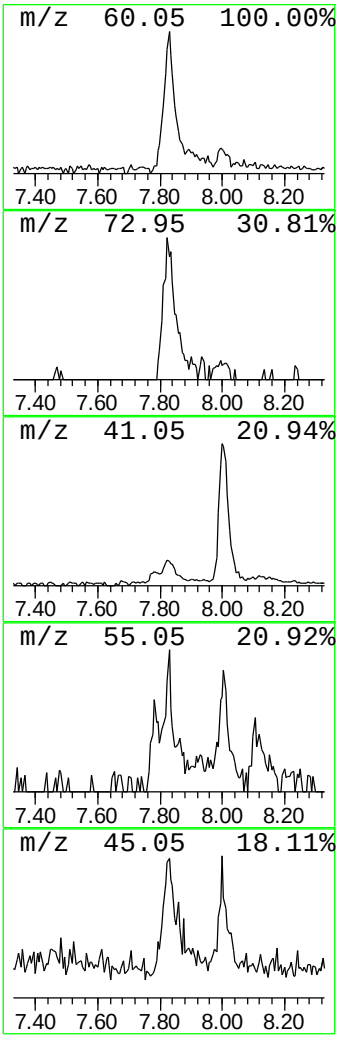
****

Peak Number 6 Pentanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	4.39 ng	40758	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45
5	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	39





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Operator : SJ/JU
Sample : J1913-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

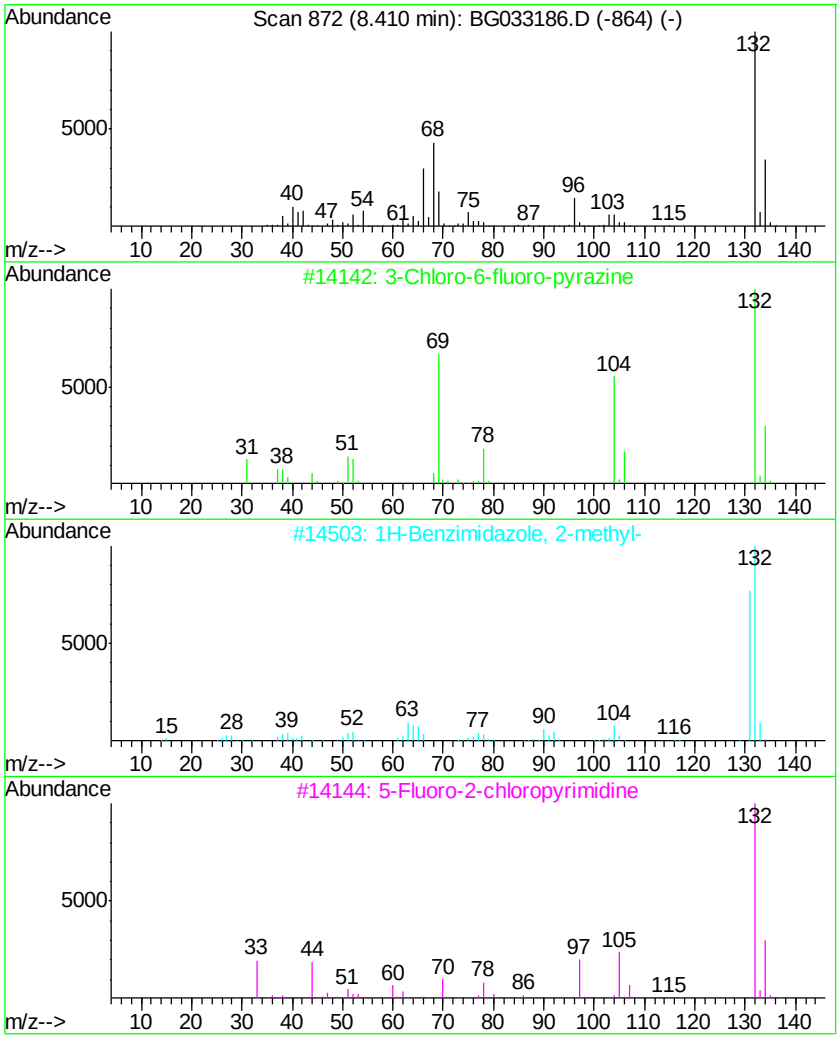
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

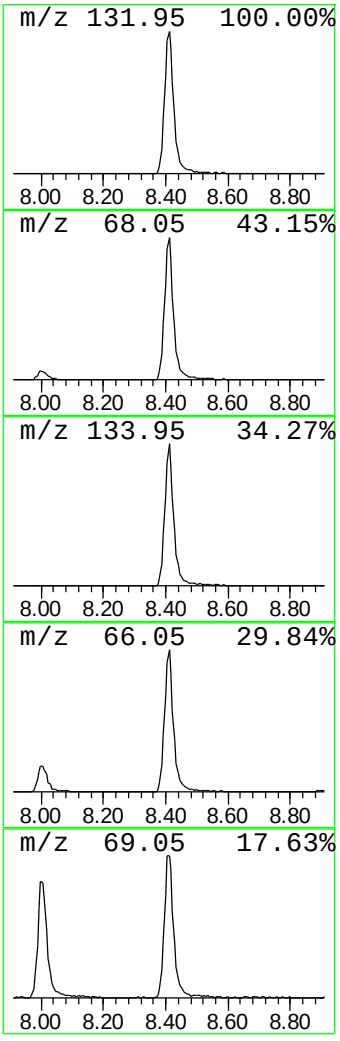
****

Peak Number 7 unknown8.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	120.87 ng	1121050	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

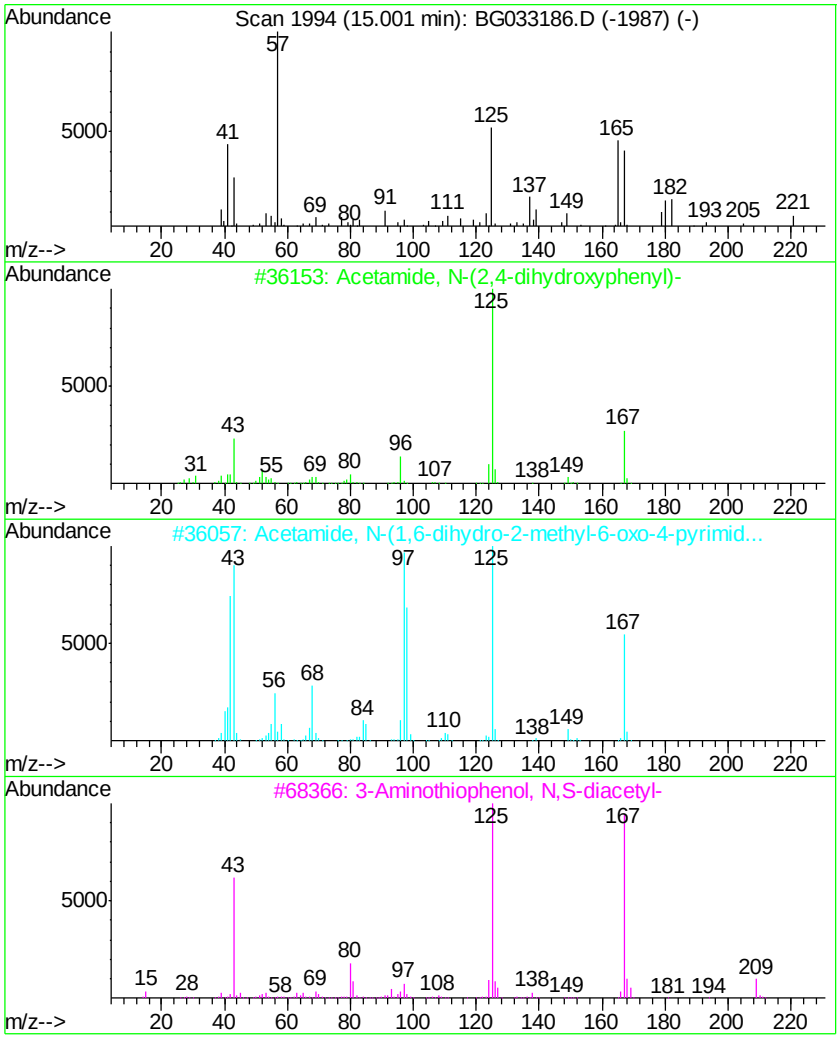
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

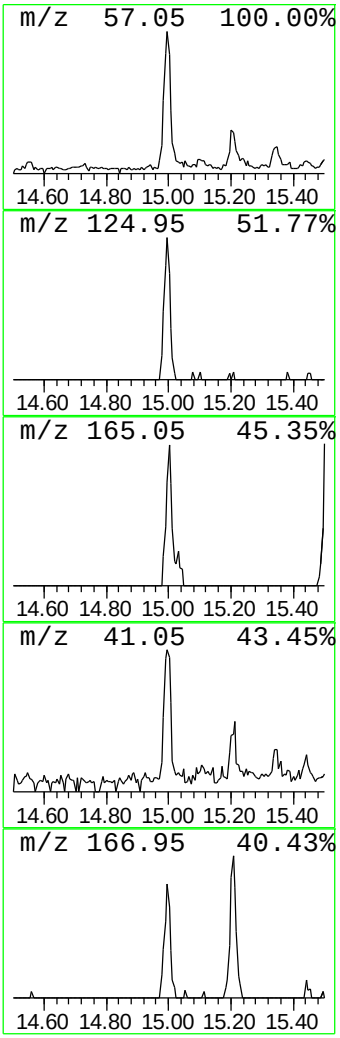
****

Peak Number 9 unknown15.00 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.96 ng	56829	Acenaphthene-d10	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dihydroxyphenyl)-	167	C8H9NO3	071516-07-9	35
2	Acetamide, N-(1,6-dihydro-2-meth...	167	C7H9N3O2	1000338-09-7	25
3	3-Aminothiophenol, N,S-diacetyl-	209	C10H11NO2S	1000353-07-8	25
4	2,2,3,3-Tetramethylcyclopropanec...	232	C15H20O2	1000221-98-5	10
5	2,4-Octadienoic acid, 3-methyl-,...	168	C10H16O2	091057-12-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031518\
Data File : BG033186.D
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Operator : SJ/JU
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Instrument : BNA_G
ClientSampleId : OILY-DEBRIS-M8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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...	3.61	11.4	ng	105321	1	8.90	185504	20.0
Propanoic acid, 2...	4.95	6.0	ng	55915	1	8.90	185504	20.0
Hexanal	5.18	3.3	ng	30974	1	8.90	185504	20.0
2-Pentanone, 4-hy...	5.81	15.5	ng	143680	1	8.90	185504	20.0
Pentanoic acid	7.83	4.4	ng	40758	1	8.90	185504	20.0
unknown8.41	8.41	120.9	ng	1121050	1	8.90	185504	20.0
unknown15.00	15.00	3.0	ng	56829	3	15.52	383734	20.0