LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

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	3.373	7	14	23	rBV4	24518	65357	2.10%	0.546%
2	3.467	23	30	41	rVB	87127	165177	5.31%	1.379%
3	6.152	481	487	503	rBV2	111852	235820	7.58%	1.969%
4	7.833	767	773	789	rBV2	71237	174378	5.61%	1.456%
5	8.226	832	840	856	rBV	260488	524996	16.88%	4.383%
6	8.714	916	923	937	rBV	92885	179765	5.78%	1.501%
7	9.049	971	980	993	rBV	426015	835853	26.88%	6.979%
8	9.913	1118	1127	1140	rBV	287128	585310	18.82%	4.887%
9	11.587	1404	1412	1426	rBV	126475	251336	8.08%	2.098%
10	13.973	1810	1818	1833	rBV	1192956	1943368	62.49%	16.226%
11	14.772	1949	1954	1961	rVB	29337	47844	1.54%	0.399%
12	15.347	2041	2052	2065	rBV2	235787	412638	13.27%	3.445%
13	16.822	2295	2303	2316	rBV	655229	1085952	34.92%	9.067%
14	18.080	2509	2517	2525	rBV2	334888	545113	17.53%	4.551%
15	18.896	2651	2656	2661	rBV2	64610	92812	2.98%	0.775%
16	19.255	2710	2717	2722	rBV	39323	60514	1.95%	0.505%
17	20.136	2862	2867	2875	rVB4	51241	81888	2.63%	0.684%
18	20.342	2899	2902	2906	rVB	29886	33305	1.07%	0.278%
19	20.553	2934	2938	2943	rBV2	57292	83239	2.68%	0.695%
20	20.618	2943	2949	2958	rVB	2294324	3110088	100.00%	25.967%
21	22.404	3246	3253	3263	rVB2	399385	732007	23.54%	6.112%
22	26.082	3867	3879	3892	rVB	220658	730289	23.48%	6.097%

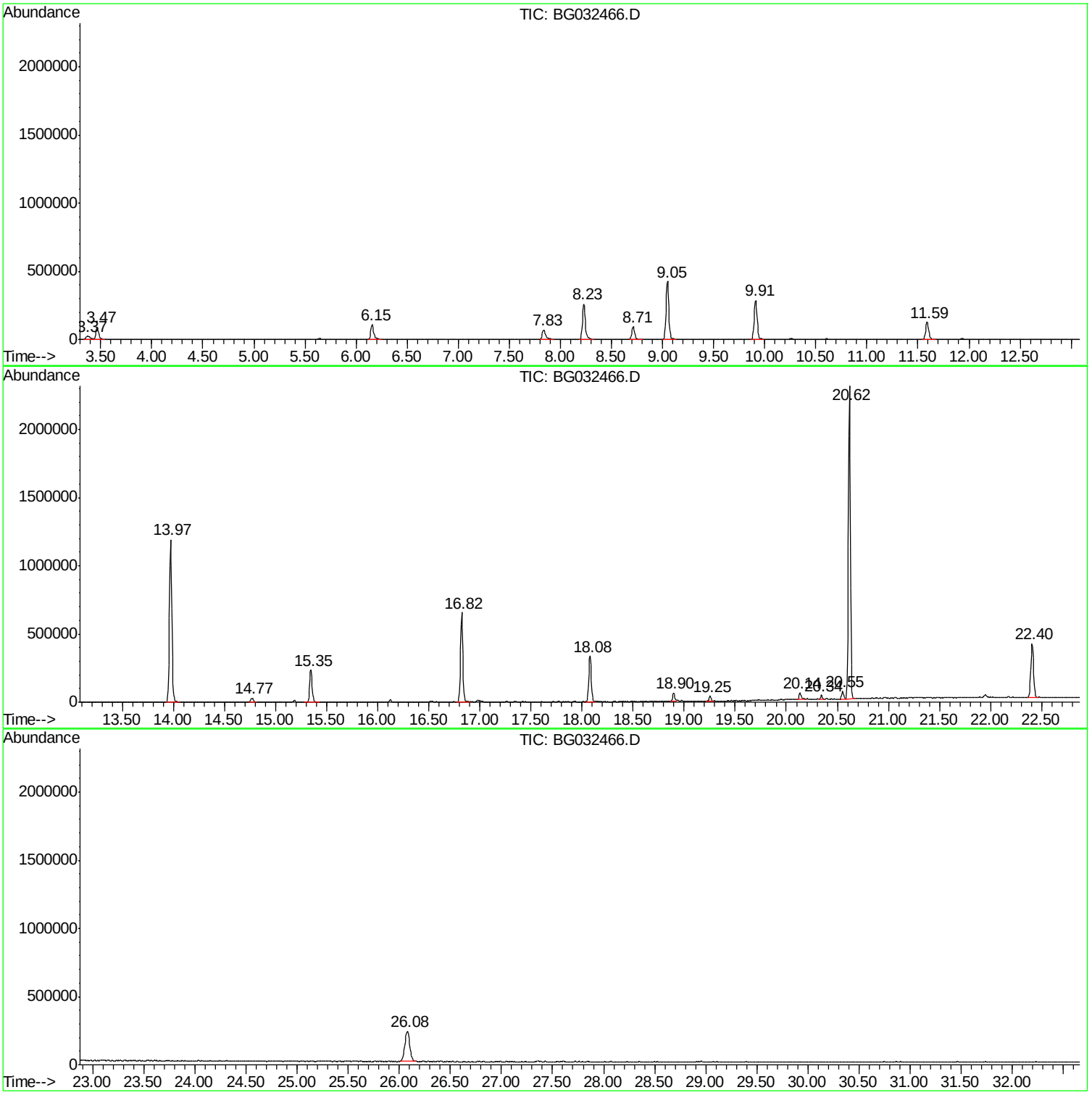
Sum of corrected areas: 11977049

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-04

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

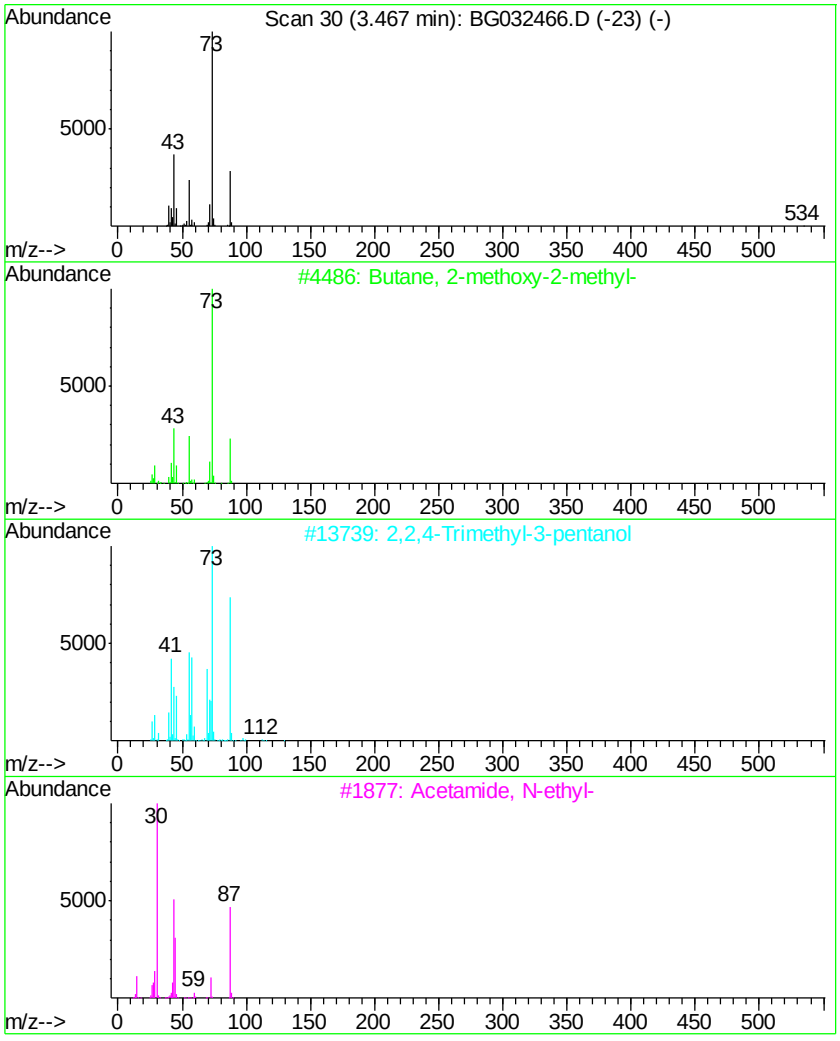
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

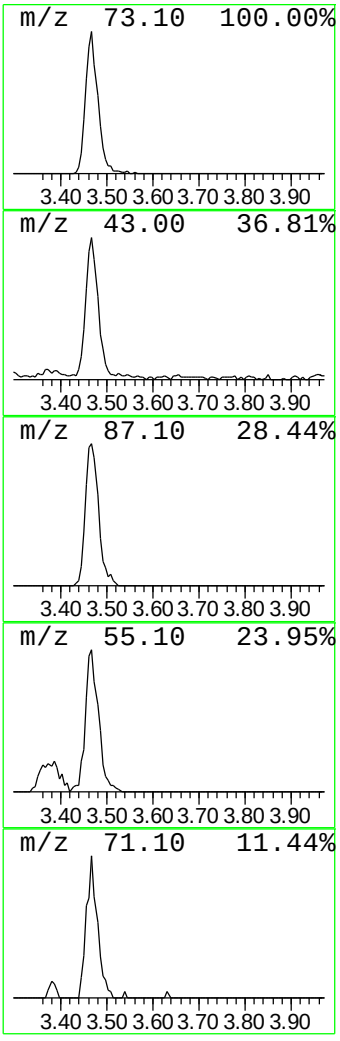
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	18.38 ng	165177	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

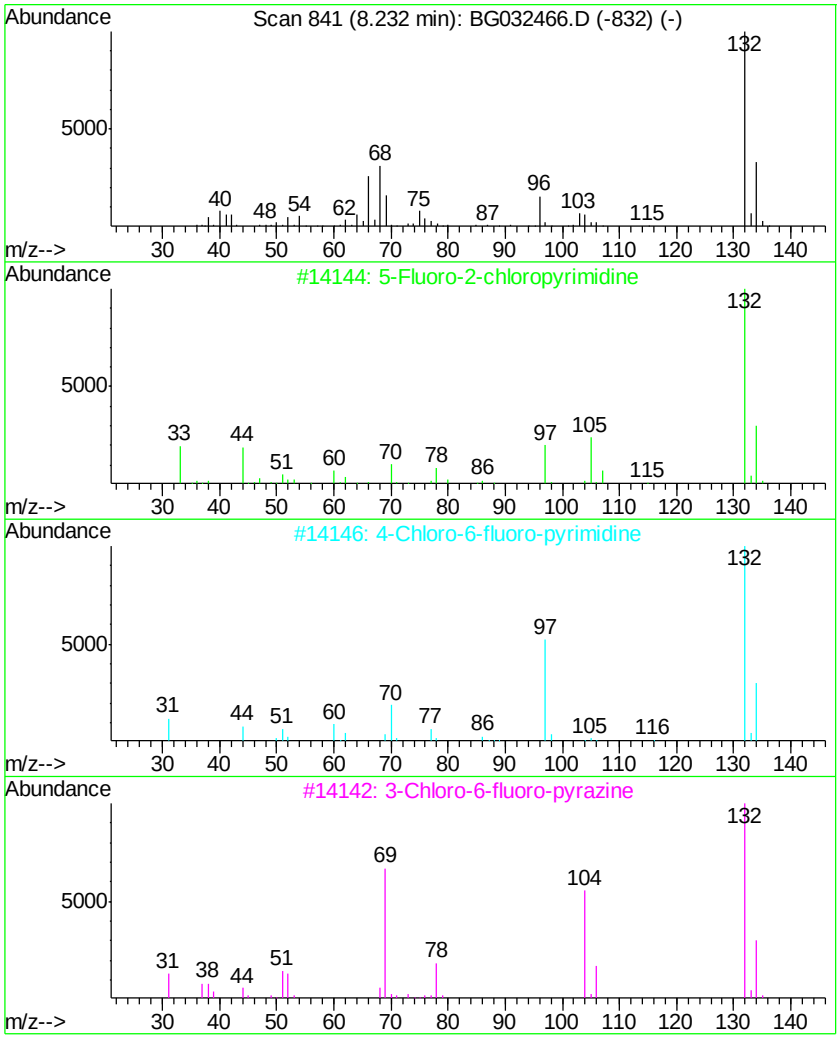
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

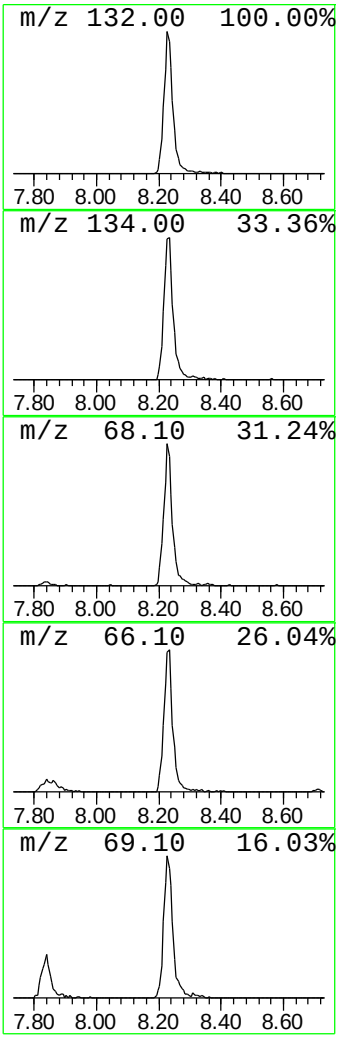
****

Peak Number 3 unknown8.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	58.41 ng	524996	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

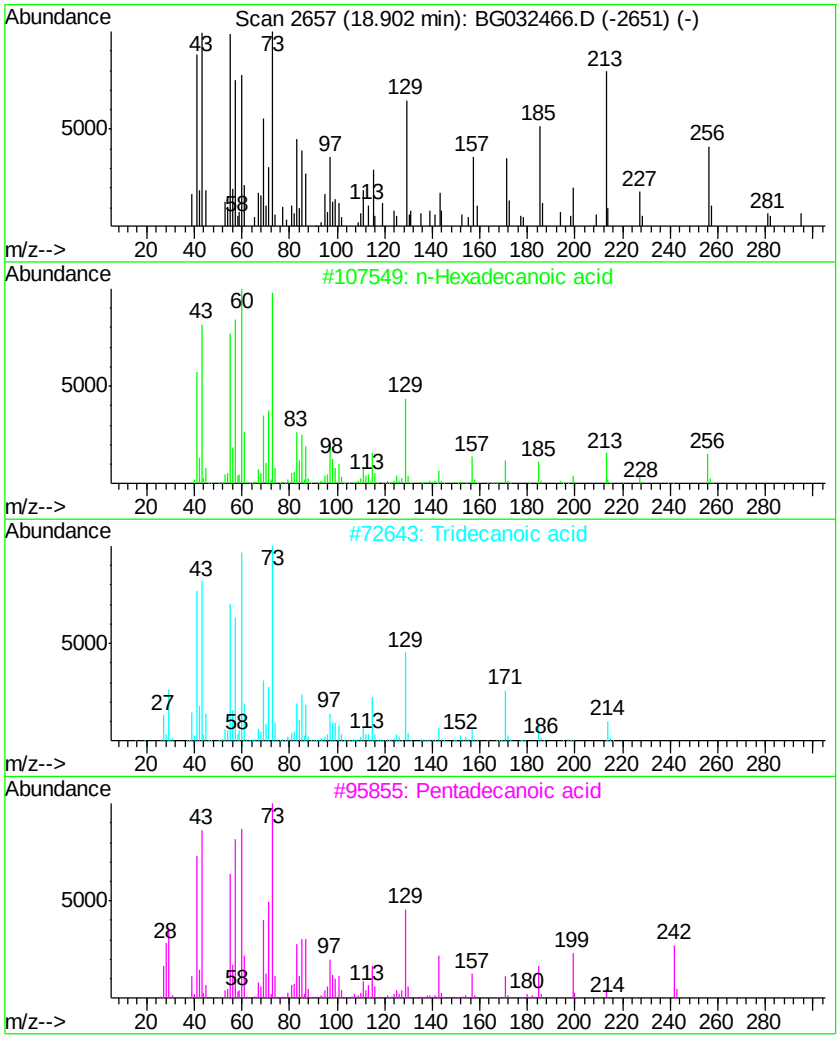
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

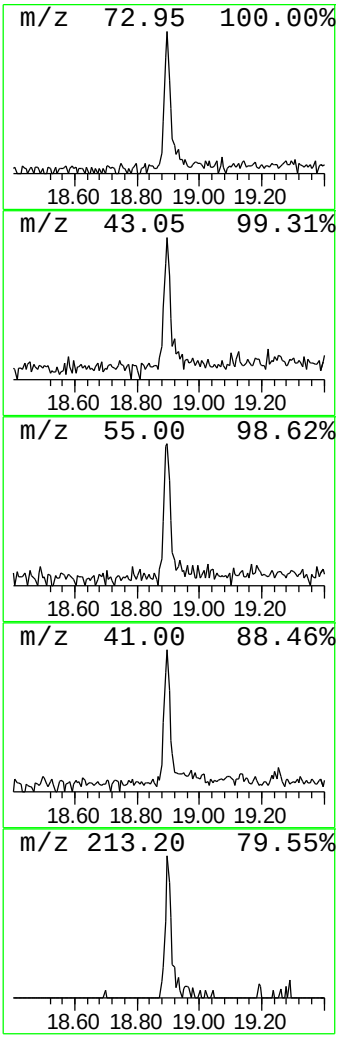
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.41 ng	92812	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	6H-Indolo[3,2,1-de][1,5]naphthyr...	256	C15H16N2O2	050630-67-6	49
5	3,7-Dimethyl-8-oxo-1,5-dioxa-spi...	256	C13H20O5	1000193-79-8	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

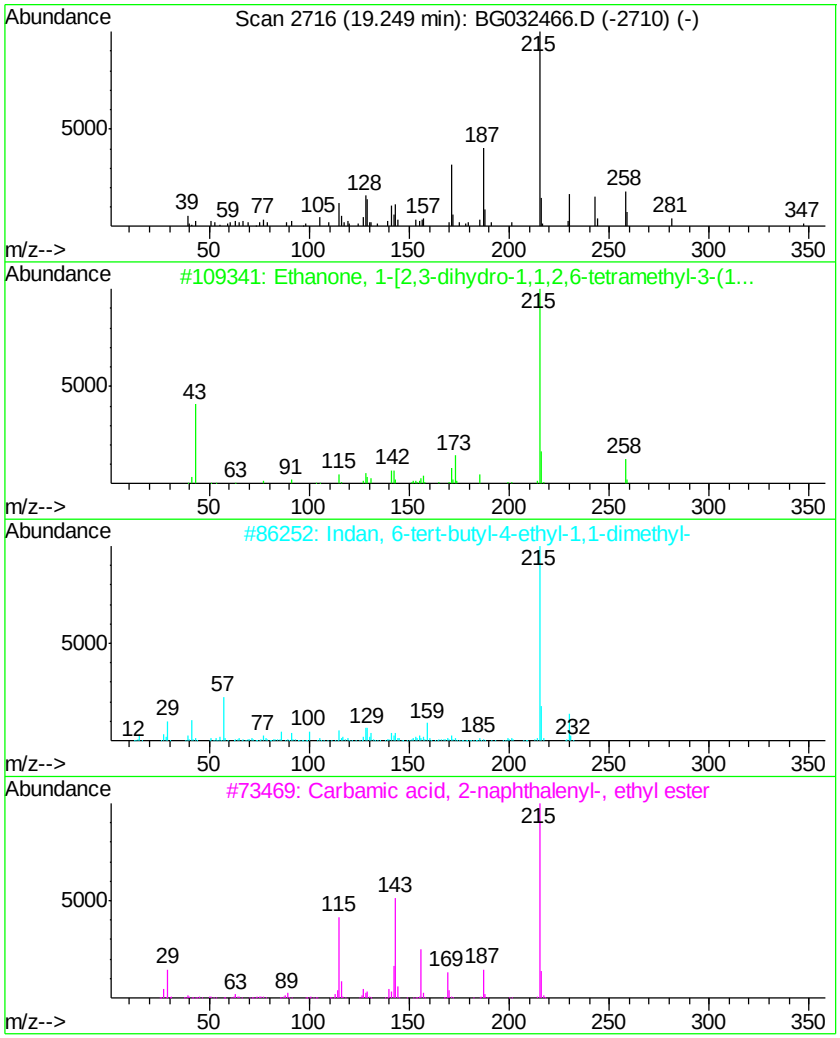
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

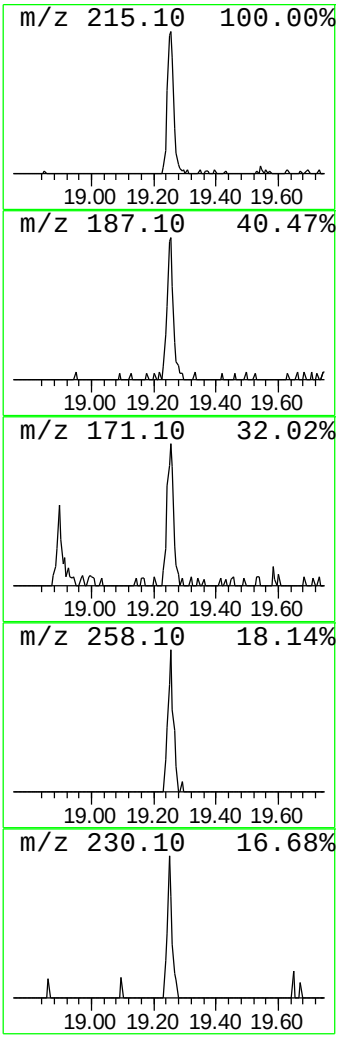
****

Peak Number 6 Ethanone, 1-[2,3-dihydro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.22 ng	60514	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[2,3-dihydro-1,1,2,6...	258	C18H26O	068140-48-7	53
2	Indan, 6-tert-butyl-4-ethyl-1,1-...	230	C17H26	003247-65-2	45
3	Carbamic acid, 2-naphthalenyl-, ...	215	C13H13NO2	005255-69-6	38
4	2(3H)-Benzofuranone, 3-[3-(dimet...	215	C13H13NO2	056771-83-6	38
5	6H-Benzo[d]pyrimido[5,4-b]thiopy...	215	C11H9N3S	1000267-44-6	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

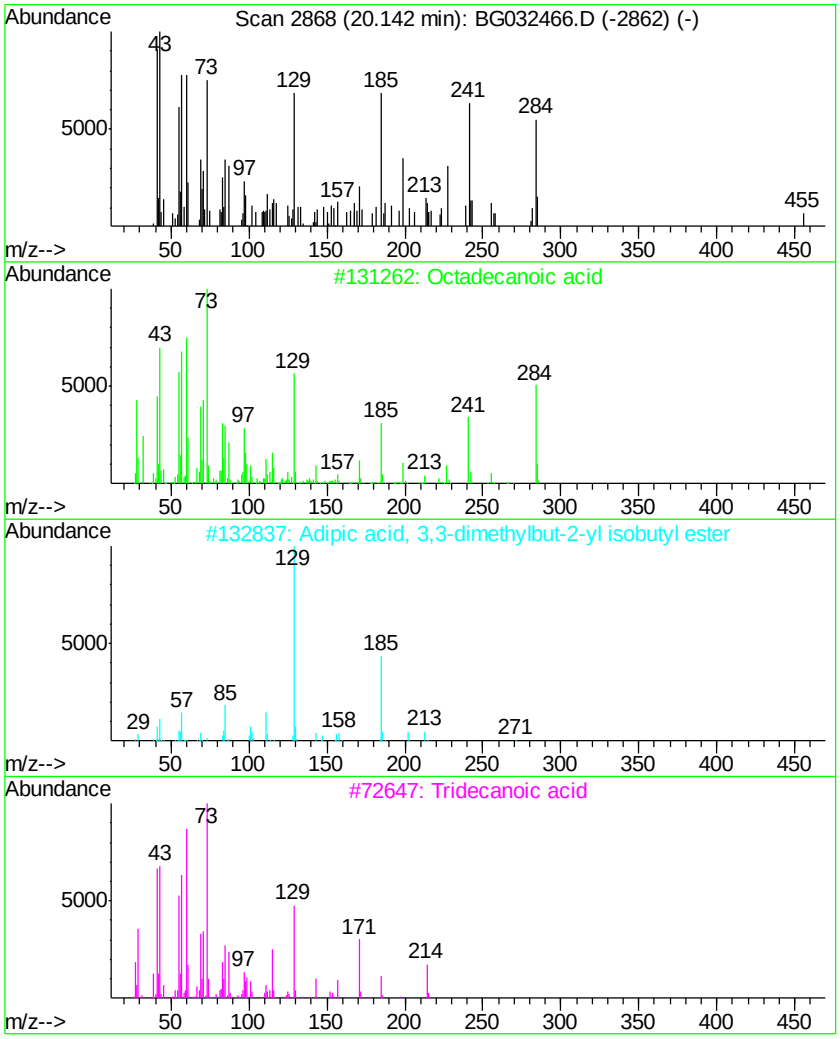
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

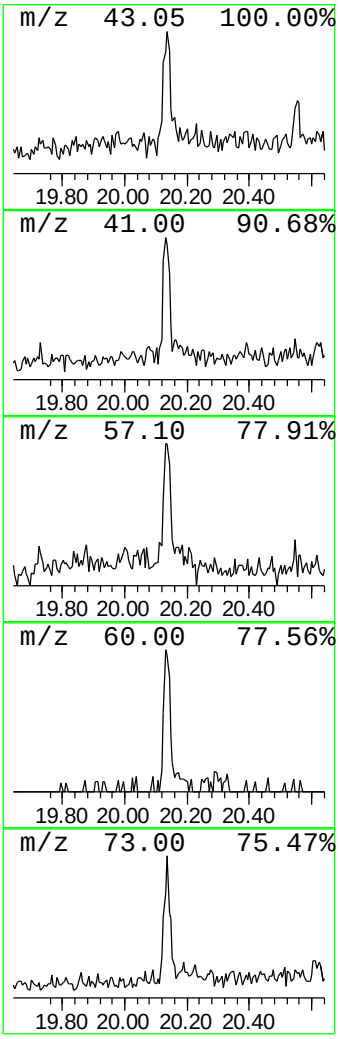
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	3.00 ng	81888	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Adipic acid, 3,3-dimethylbut-2-y...	286	C16H30O4	1000353-66-7	27
3	Tridecanoic acid	214	C13H26O2	000638-53-9	27
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	25
5	Malonic acid, 3,3-dimethylbut-2-...	286	C16H30O4	1000348-65-8	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

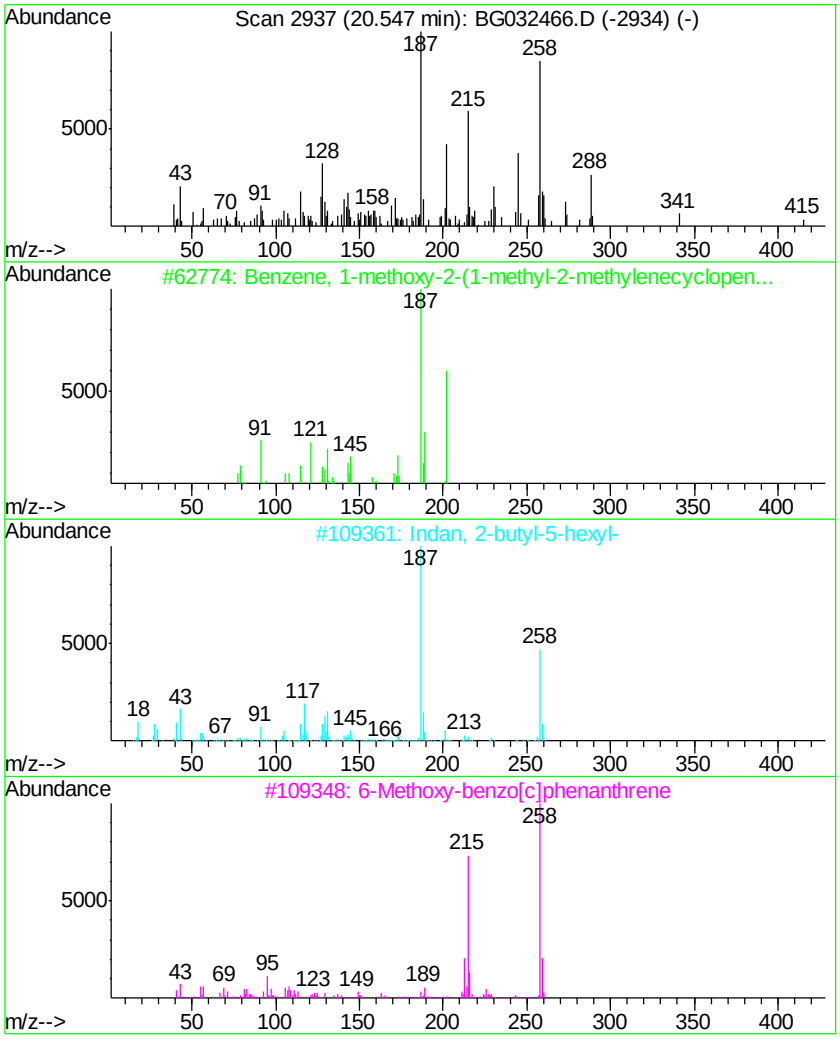
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

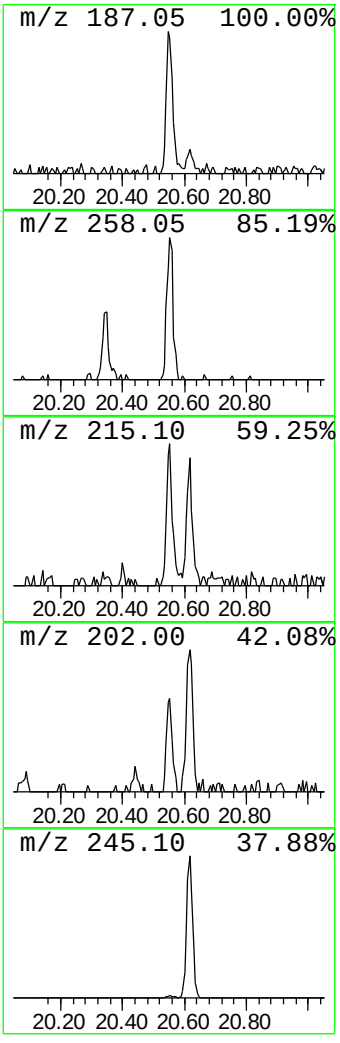
****

Peak Number 8 unknown20.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	2.27 ng	83239	Chrysene-d12	22.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-(1-methyl-2...	202	C14H18O	039877-94-6	47
2	Indan, 2-butyl-5-hexyl-	258	C19H30	025446-32-6	42
3	6-Methoxy-benzo[c]phenanthrene	258	C19H14O	004176-37-8	35
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	30
5	3-Benzyl-4-(2-hydroxyethyl)-5-ox...	218	C12H14N2O2	095750-71-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013118\
Data File : BG032466.D
Acq On : 31 Jan 2018 15:29
Operator : SJ/JU
Sample : J1364-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.47	18.4	ng	165177	1	8.71	179765	20.0
unknown8.23	8.23	58.4	ng	524996	1	8.71	179765	20.0
n-Hexadecanoic acid	18.90	3.4	ng	92812	4	18.08	545113	20.0
Ethanone, 1-[2,3-...	19.25	2.2	ng	60514	4	18.08	545113	20.0
Octadecanoic acid	20.14	3.0	ng	81888	4	18.08	545113	20.0
unknown20.55	20.55	2.3	ng	83239	5	22.40	732007	20.0