LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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	3.522	33	40	49	rBV	52906	118825	3.07%	0.495%
2	3.616	50	56	70	rVB	306815	542944	14.05%	2.263%
3	5.831	426	433	444	rBV2	67942	118106	3.06%	0.492%
4	6.336	511	519	533	rBV	1055947	1813164	46.91%	7.556%
5	8.022	796	806	819	rBV	1048946	1998446	51.71%	8.329%
6	8.433	867	876	888	rBV	1039305	1935091	50.07%	8.065%
7	8.927	951	960	970	rBV	236656	421875	10.92%	1.758%
8	9.261	1008	1017	1026	rBV	784273	1457784	37.72%	6.075%
9	10.125	1152	1164	1174	rBV	602043	1133698	29.33%	4.725%
10	11.811	1443	1451	1462	rVB	347525	627570	16.24%	2.615%
11	13.056	1656	1663	1669	rBV	48431	76207	1.97%	0.318%
12	14.172	1842	1853	1861	rBV	1631002	2612812	67.60%	10.889%
13	14.960	1980	1987	1993	rBV	56637	84788	2.19%	0.353%
14	15.541	2078	2086	2094	rBV2	497113	827572	21.41%	3.449%
15	16.863	2304	2311	2321	rVB	359550	533700	13.81%	2.224%
16	17.010	2328	2336	2346	rBV	1314727	2049327	53.02%	8.541%
17	18.267	2544	2550	2560	rVB	679767	1053782	27.27%	4.392%
18	19.072	2682	2687	2696	rBV2	79525	129551	3.35%	0.540%
19	20.787	2973	2979	2985	rBV	2821736	3864863	100.00%	16.107%
20	22.156	3206	3212	3222	rBV2	67744	127500	3.30%	0.531%
21	22.626	3284	3292	3302	rBV	649247	1200015	31.05%	5.001%
22	24.588	3620	3626	3633	rVB3	17227	40625	1.05%	0.169%
23	26.438	3929	3941	3957	rBV2	373180	1226868	31.74%	5.113%

Sum of corrected areas: 23995113

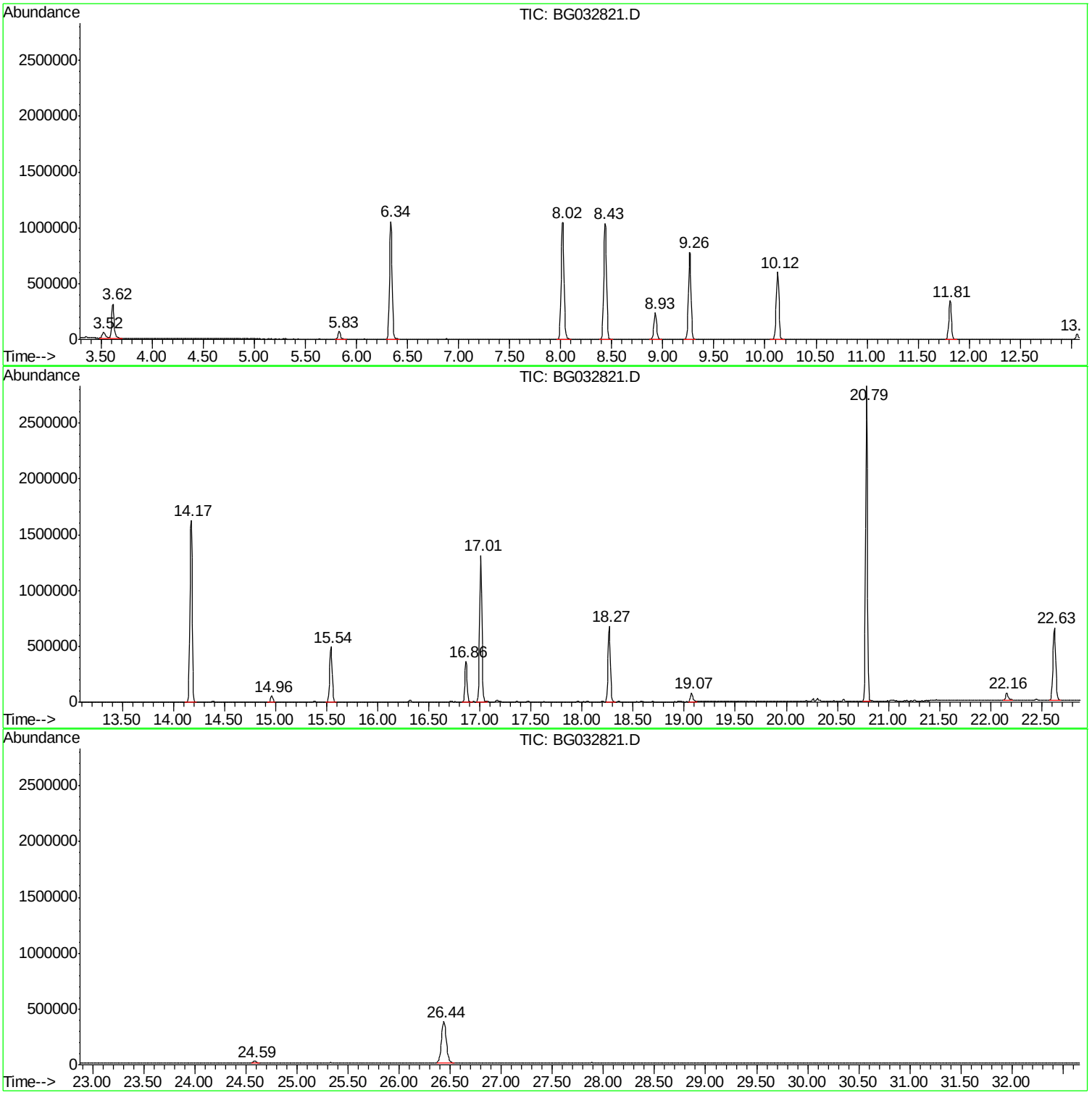
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

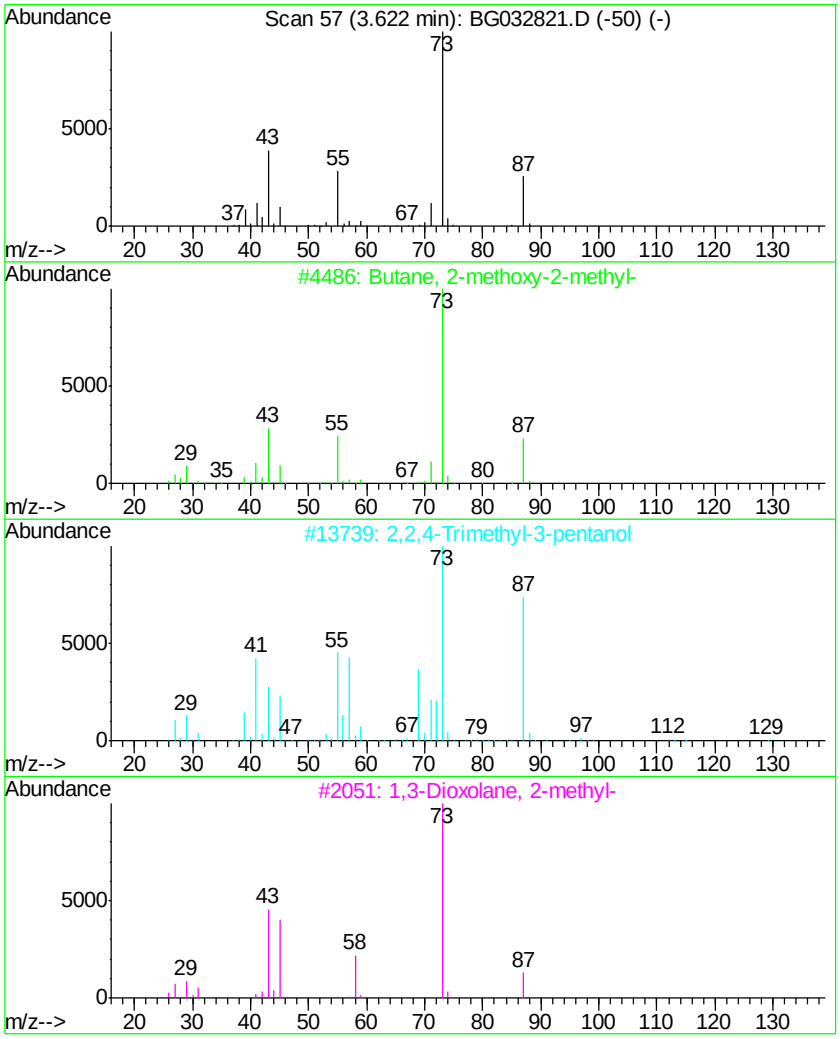
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

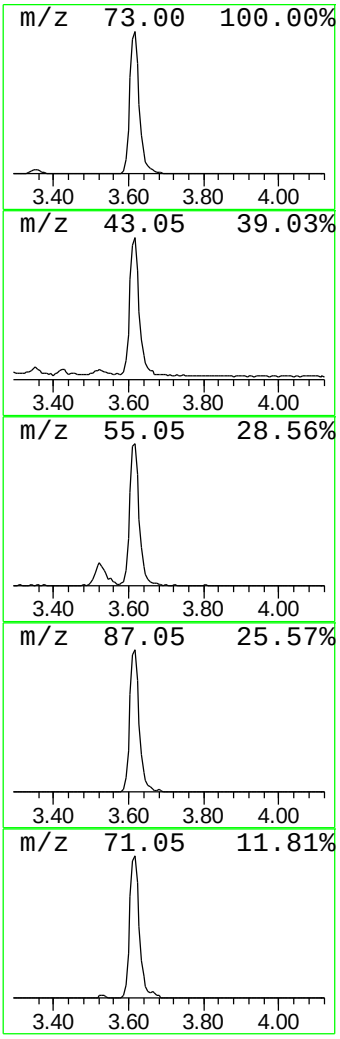
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	25.74 ng	542944	1,4-Dichlorobenzene-d4	8.93

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

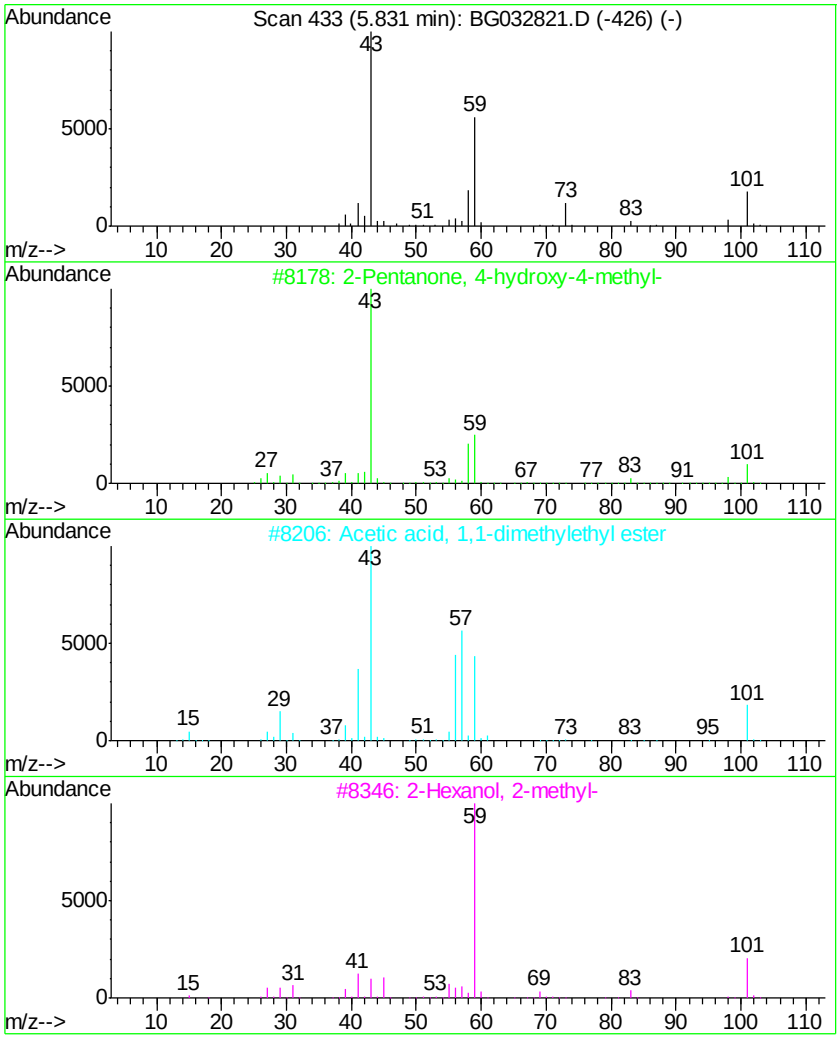
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

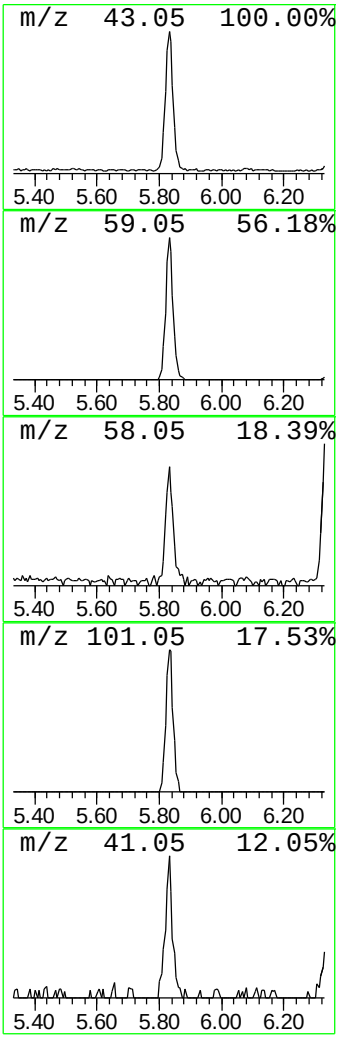
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	5.60 ng	118106	1,4-Dichlorobenzene-d4	8.93

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	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

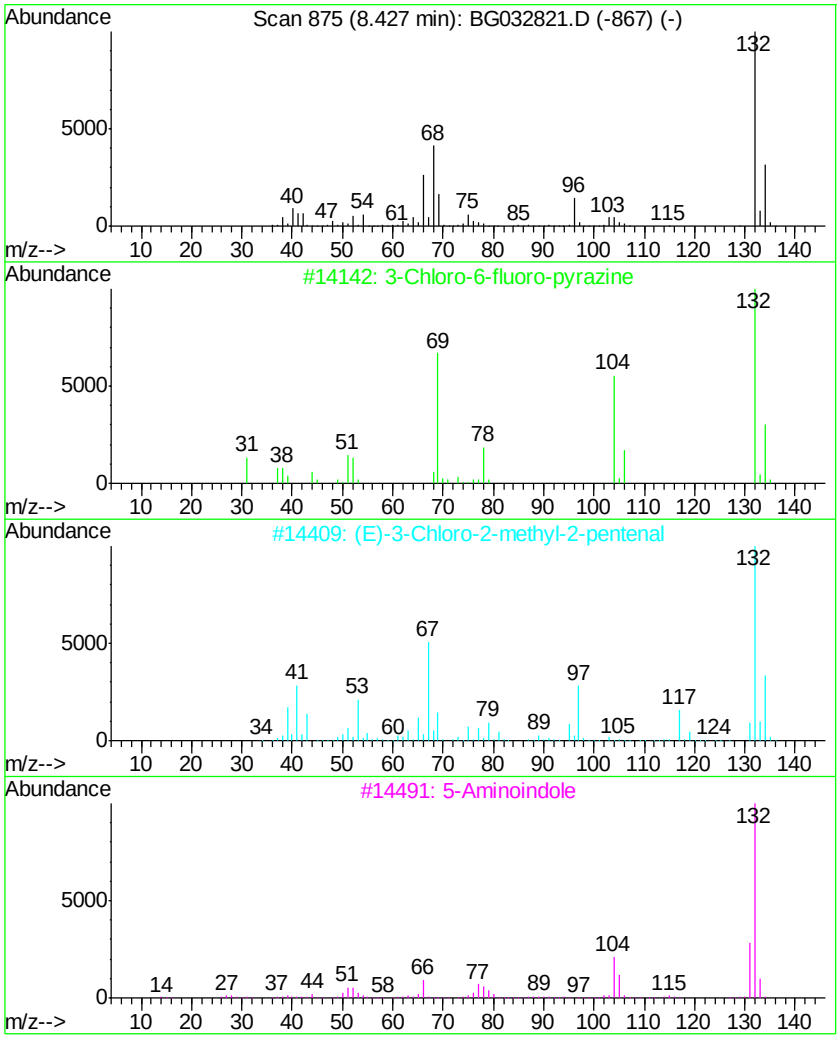
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

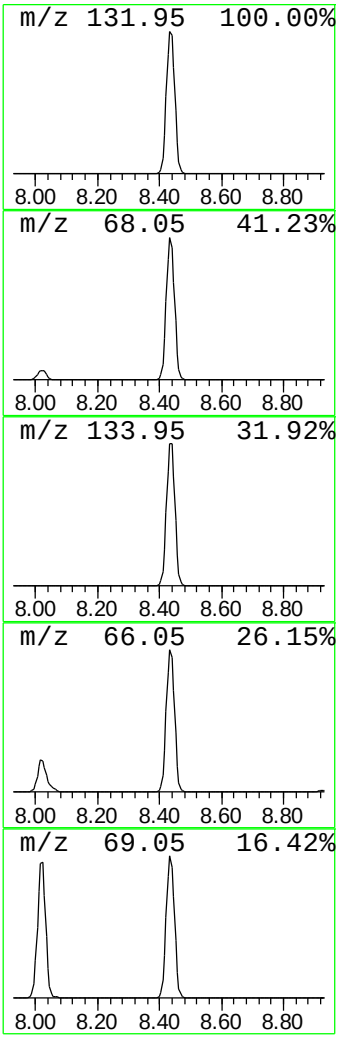
****

Peak Number 4 unknown8.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	91.74 ng	1935090	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

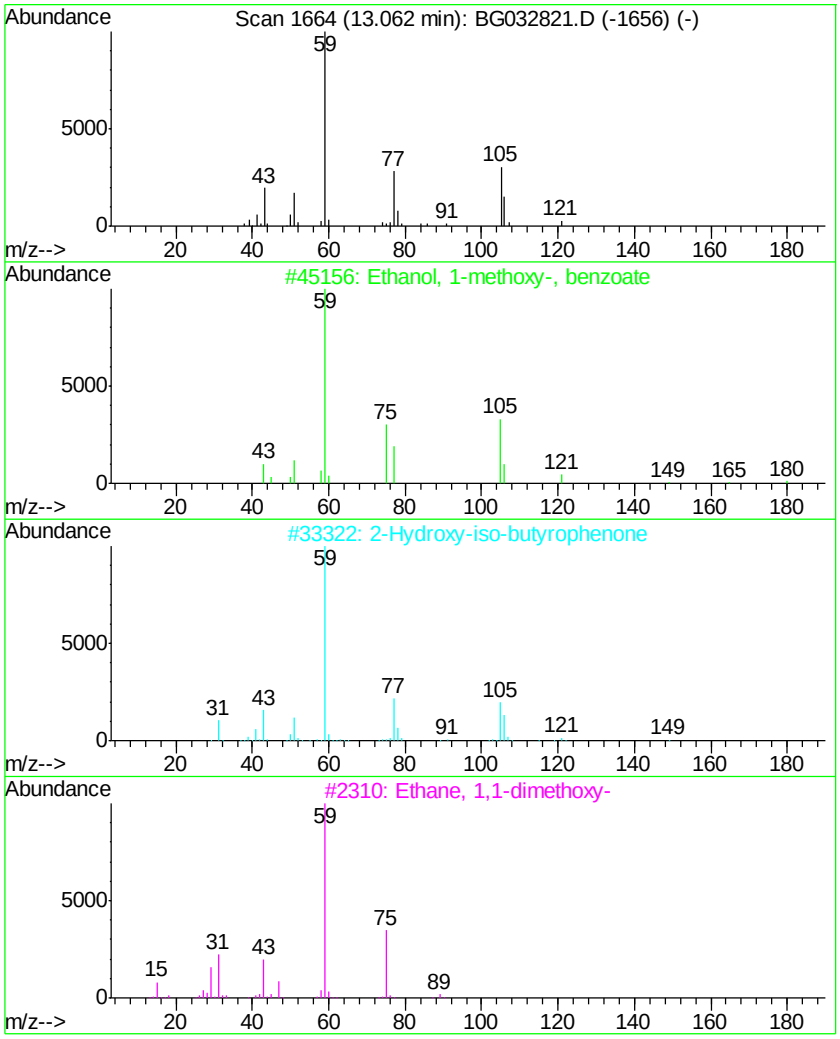
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

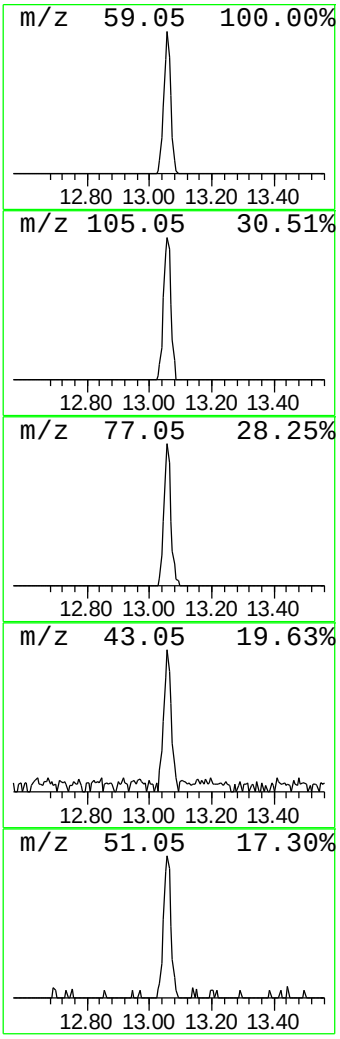
****

Peak Number 6 Ethanol, 1-methoxy-, benzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.43 ng	76207	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
2	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	72
3	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	23
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5	Guanidine	59	CH5N3	000113-00-8	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

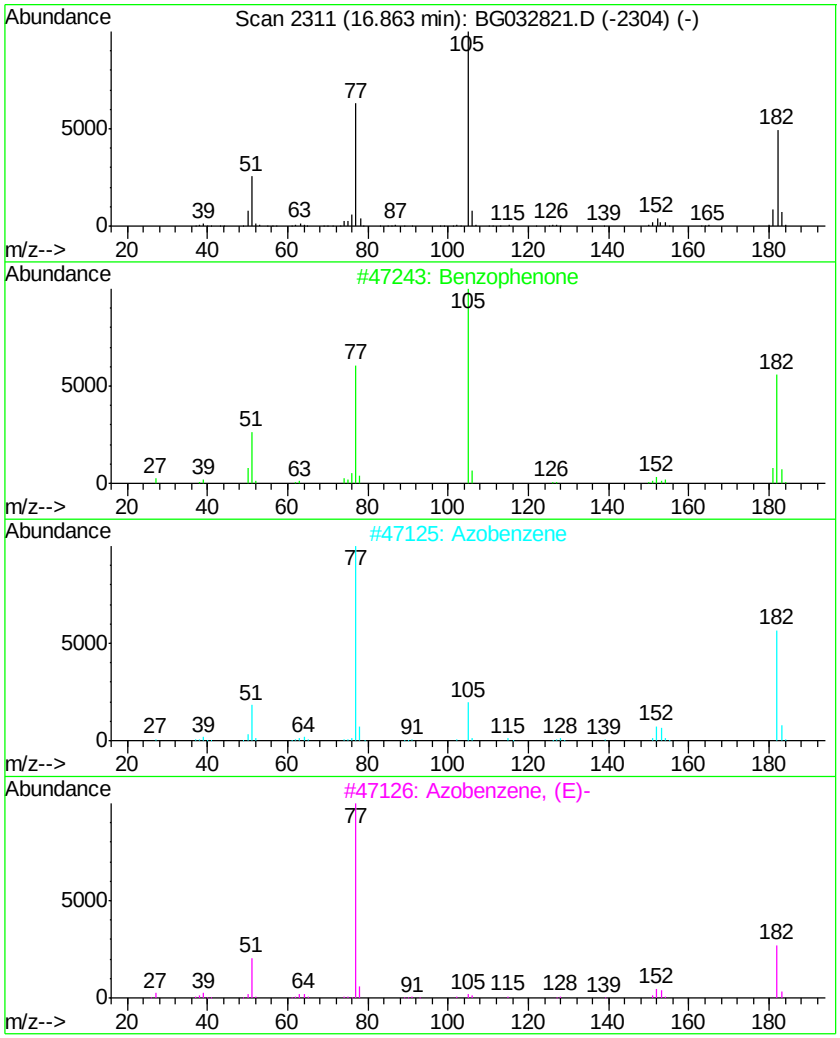
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

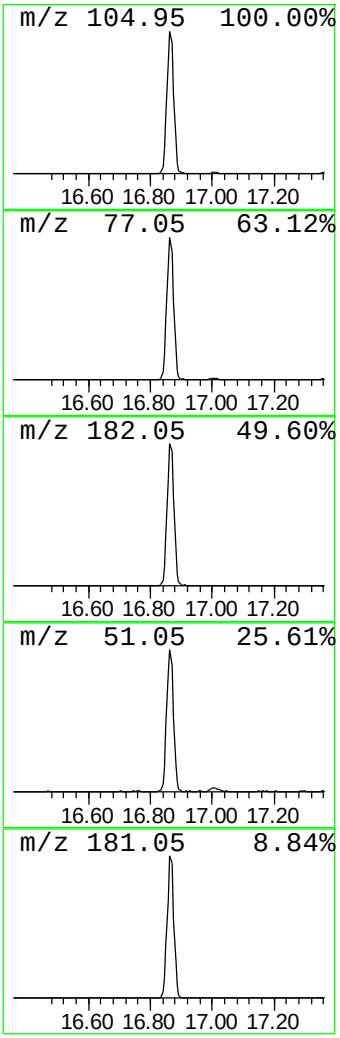
****

Peak Number 7 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	12.90 ng	533700	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

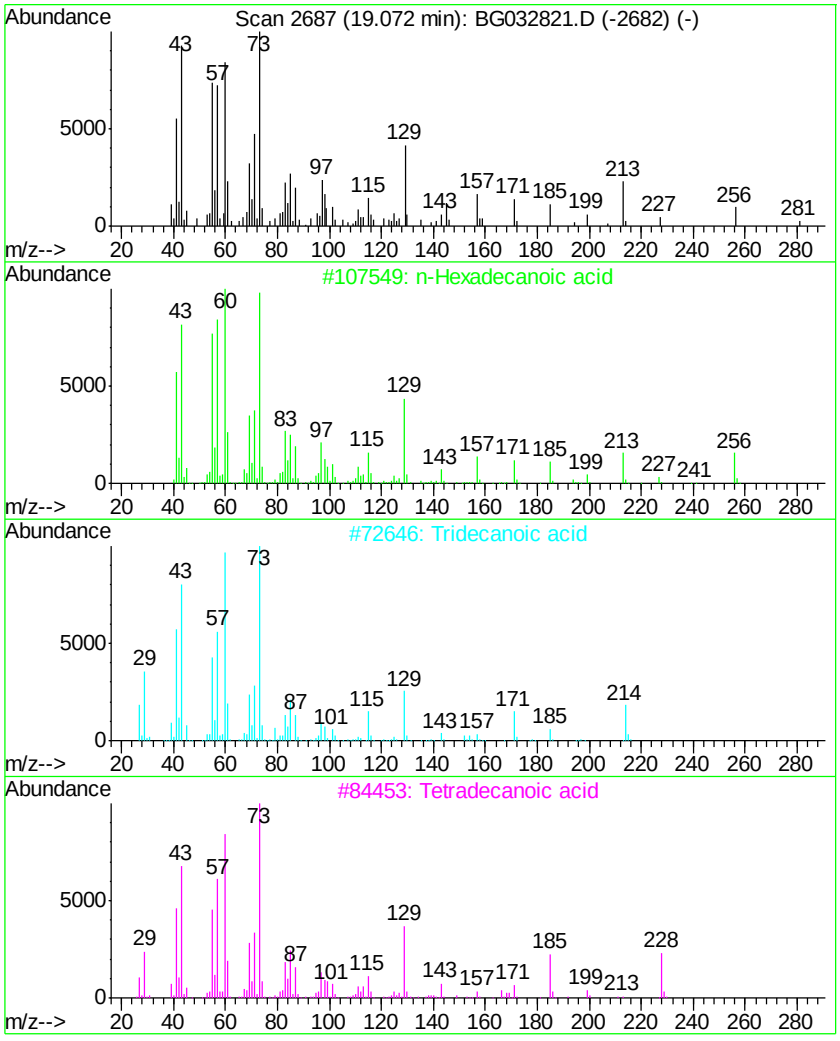
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

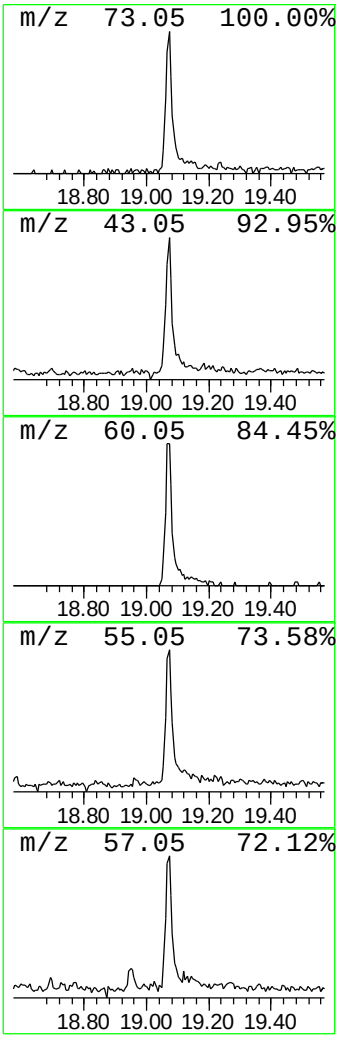
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.46 ng	129551	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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

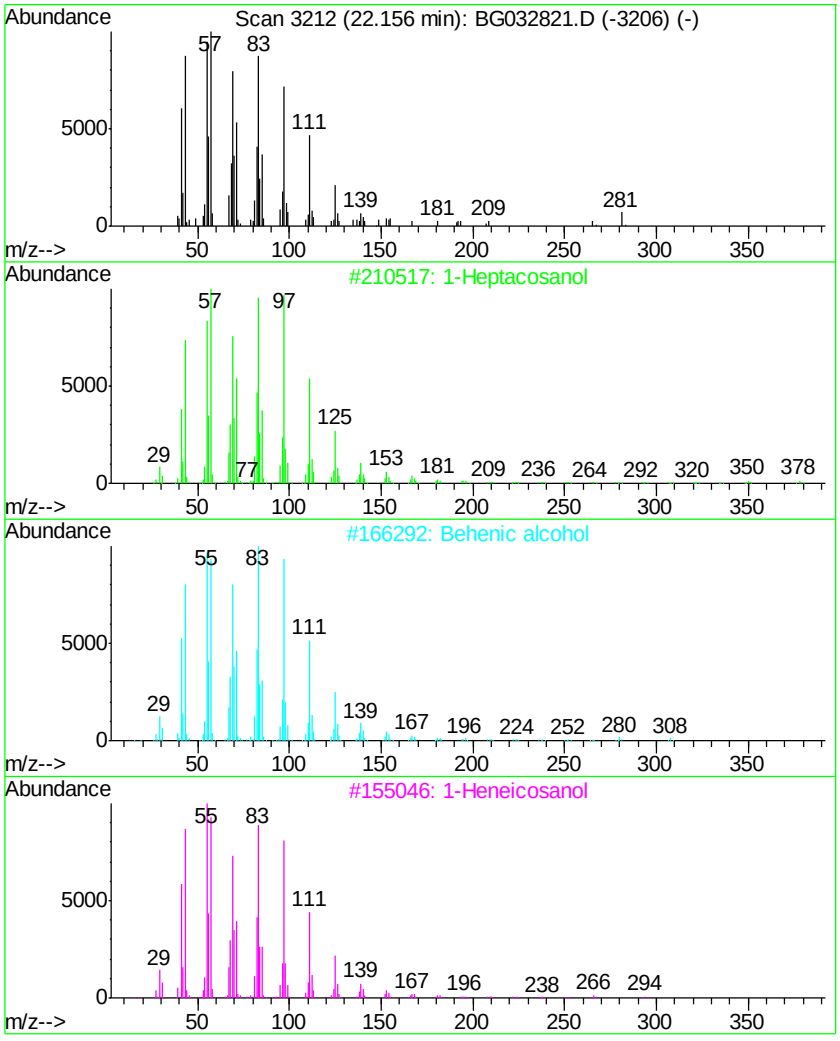
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

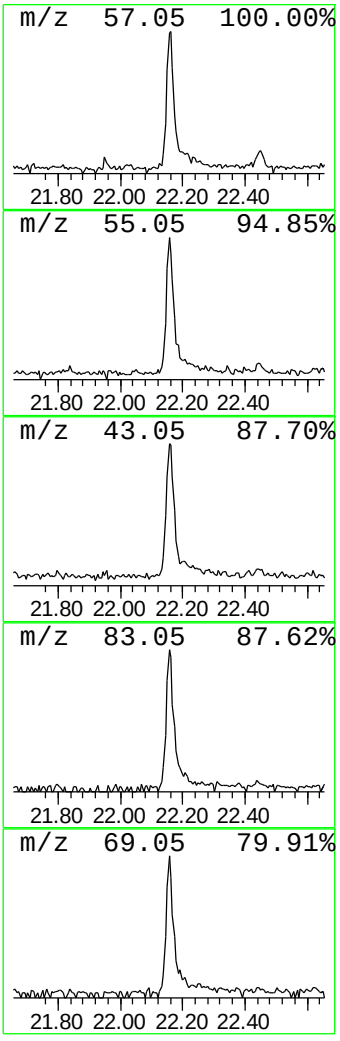
****

Peak Number 9 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.12 ng	127500	Chrysene-d12	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022618\
Data File : BG032821.D
Acq On : 26 Feb 2018 14:38
Operator : SJ/JU
Sample : J1688-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROAD

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...	3.62	25.7	ng	542944	1	8.93	421875	20.0
2-Pentanone, 4-hy...	5.83	5.6	ng	118106	1	8.93	421875	20.0
unknown8.43	8.43	91.7	ng	1935090	1	8.93	421875	20.0
Ethanol, 1-methox...	13.06	2.4	ng	76207	2	11.81	627570	20.0
Benzophenone	16.86	12.9	ng	533700	3	15.54	827572	20.0
n-Hexadecanoic acid	19.07	2.5	ng	129551	4	18.27	1053780	20.0
1-Heptacosanol	22.16	2.1	ng	127500	5	22.63	1200020	20.0