LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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	3.349	6	10	19	rVB	34044	59273	1.43%	0.240%
2	3.519	33	39	49	rBV2	67377	154182	3.72%	0.625%
3	3.613	49	55	68	rVB	272352	477069	11.52%	1.933%
4	5.164	313	319	334	rVB	143978	238440	5.76%	0.966%
5	5.833	424	433	447	rVB	604983	996764	24.06%	4.039%
6	6.339	511	519	532	rBV	855077	1493657	36.06%	6.052%
7	8.019	796	805	817	rBV	1044835	1910355	46.12%	7.741%
8	8.436	868	876	885	rBV	984509	1801046	43.48%	7.298%
9	8.923	952	959	971	rVB	234158	417792	10.09%	1.693%
10	9.264	1008	1017	1025	rVB	793677	1485613	35.87%	6.020%
11	10.122	1155	1163	1173	rBV	621812	1158767	27.98%	4.695%
12	11.814	1442	1451	1461	rVB	333587	624294	15.07%	2.530%
13	13.053	1655	1662	1669	rBV	29751	48875	1.18%	0.198%
14	14.169	1840	1852	1861	rBV	1778954	2770817	66.89%	11.228%
15	14.962	1979	1987	1993	rBV	182815	281266	6.79%	1.140%
16	15.538	2076	2085	2094	rBV2	501559	825691	19.93%	3.346%
17	16.313	2205	2217	2222	rVB2	24461	53599	1.29%	0.217%
18	16.866	2305	2311	2319	rVB	197827	288395	6.96%	1.169%
19	17.006	2328	2335	2347	rBV	1159737	1795630	43.35%	7.276%
20	18.264	2543	2549	2561	rVB2	639803	1031275	24.90%	4.179%
21	19.068	2681	2686	2697	rBV3	48025	82513	1.99%	0.334%
22	20.784	2972	2978	2984	rBV	2993852	4142052	100.00%	16.784%
23	22.158	3206	3212	3219	rBV	72149	131796	3.18%	0.534%
24	22.622	3283	3291	3305	rVB2	615396	1167994	28.20%	4.733%
25	24.584	3620	3625	3632	rVB4	23894	44496	1.07%	0.180%
26	26.435	3926	3940	3957	rBV2	365619	1197170	28.90%	4.851%

Sum of corrected areas: 24678821

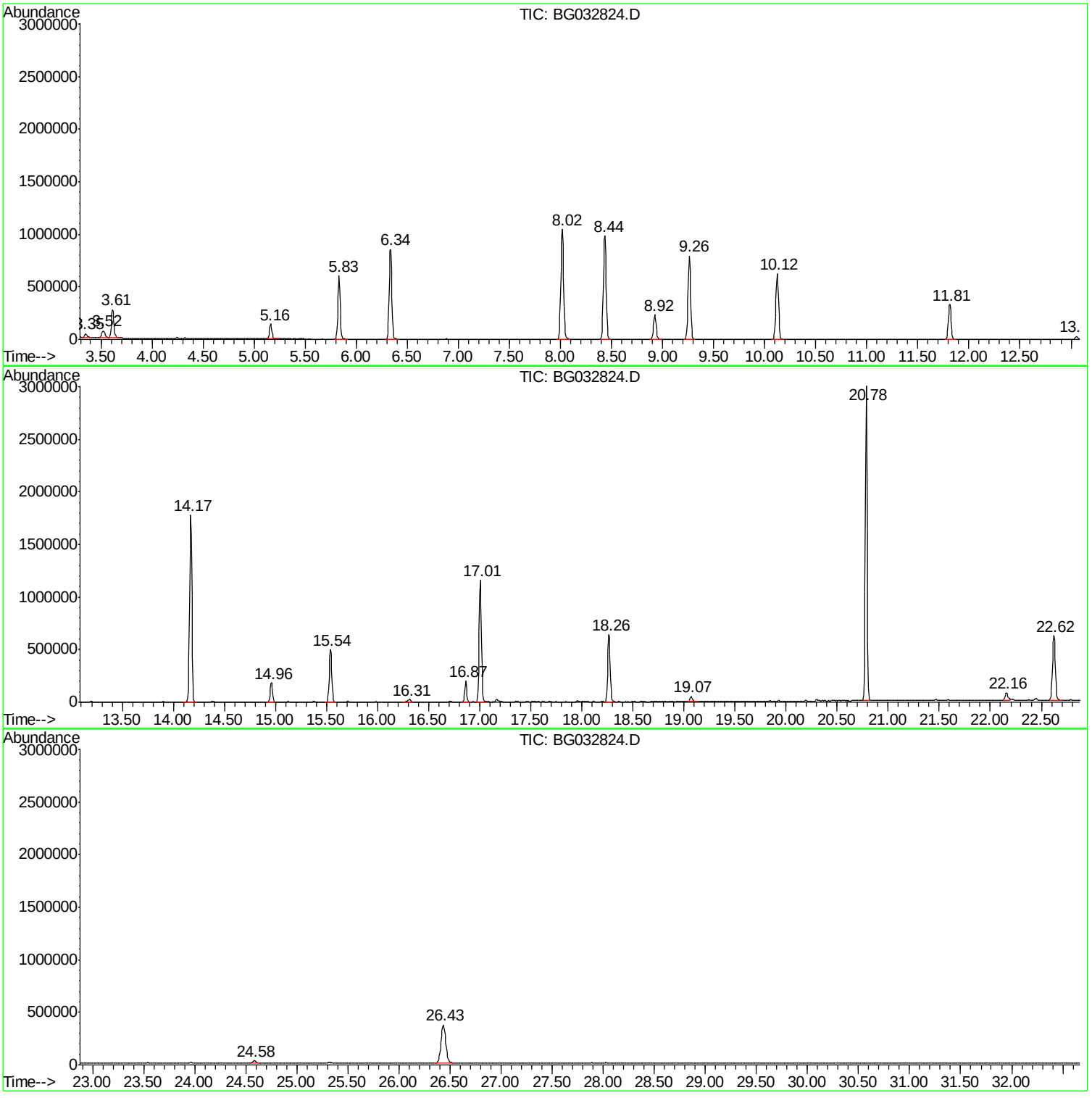
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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 : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

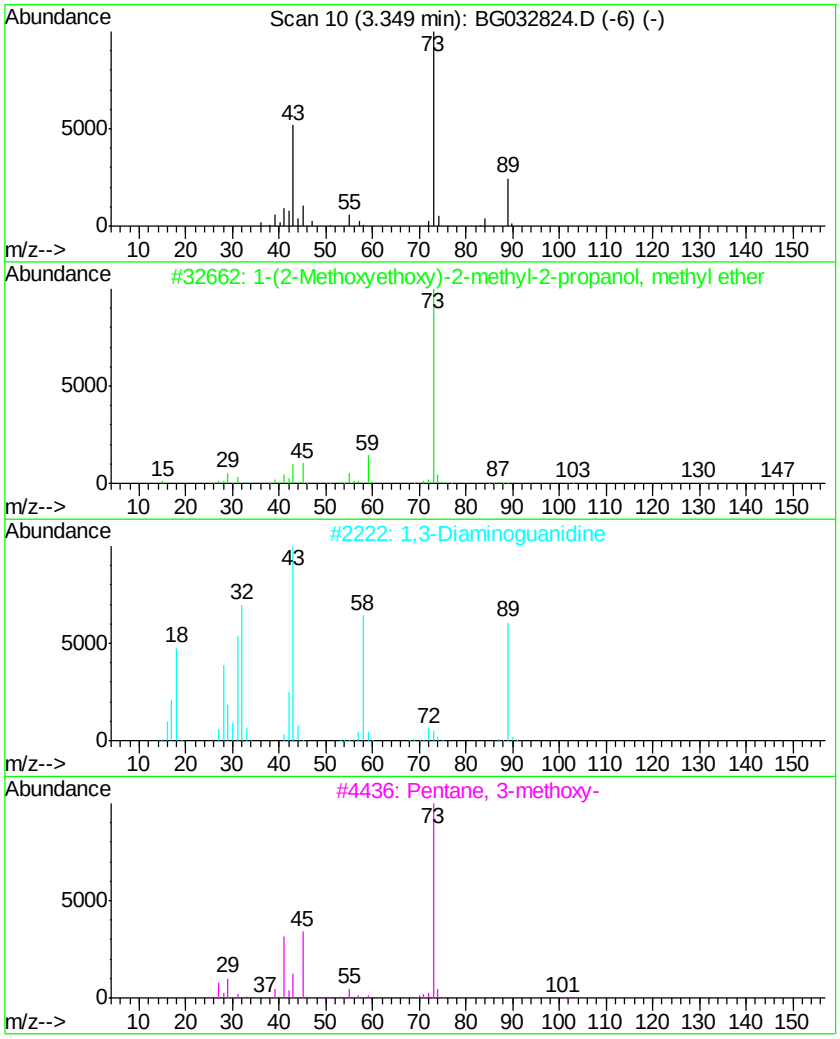
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

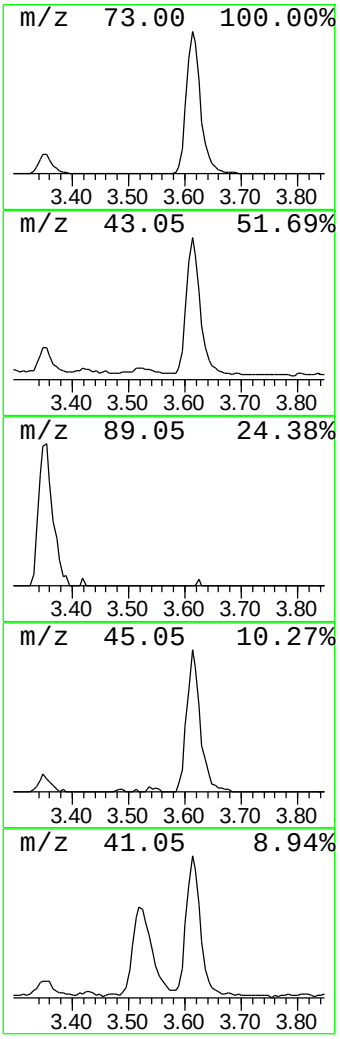
****

Peak Number 1 unknown3.35 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	2.84 ng	59273	1,4-Dichlorobenzene-d4	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	16
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

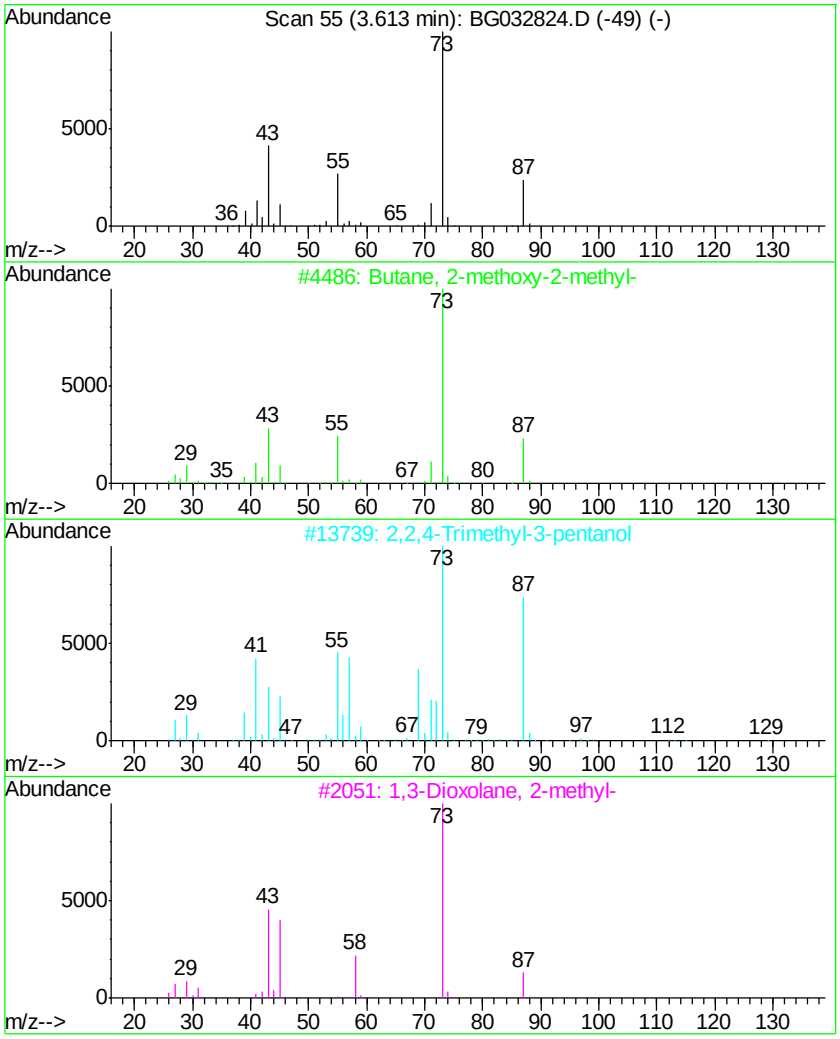
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

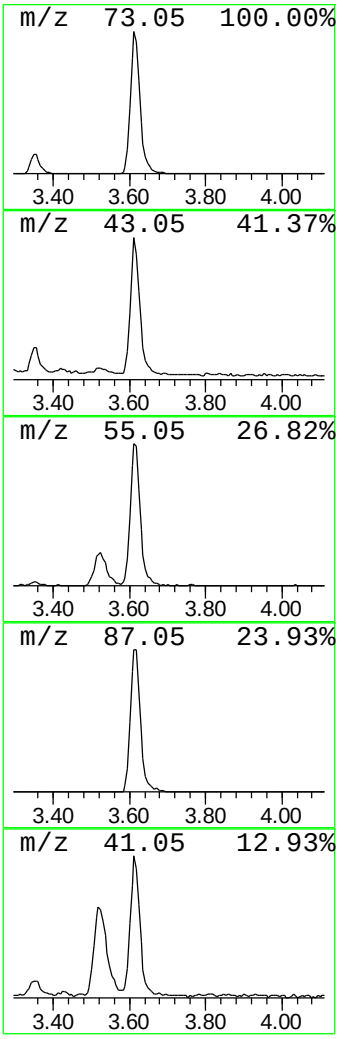
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	22.84 ng	477069	1,4-Dichlorobenzene-d4	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

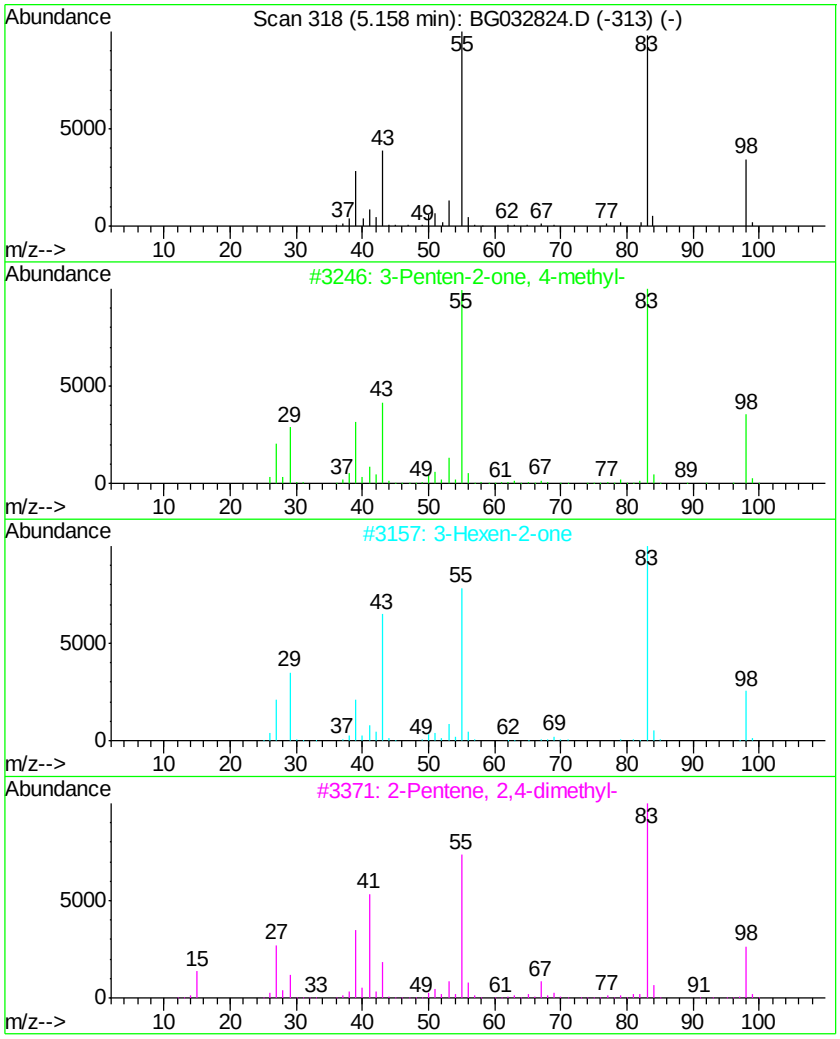
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

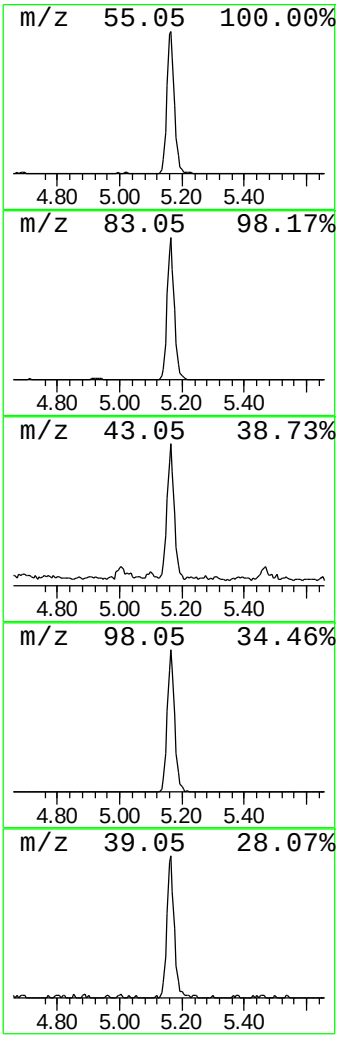
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	11.41 ng	238440	1,4-Dichlorobenzene-d4	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

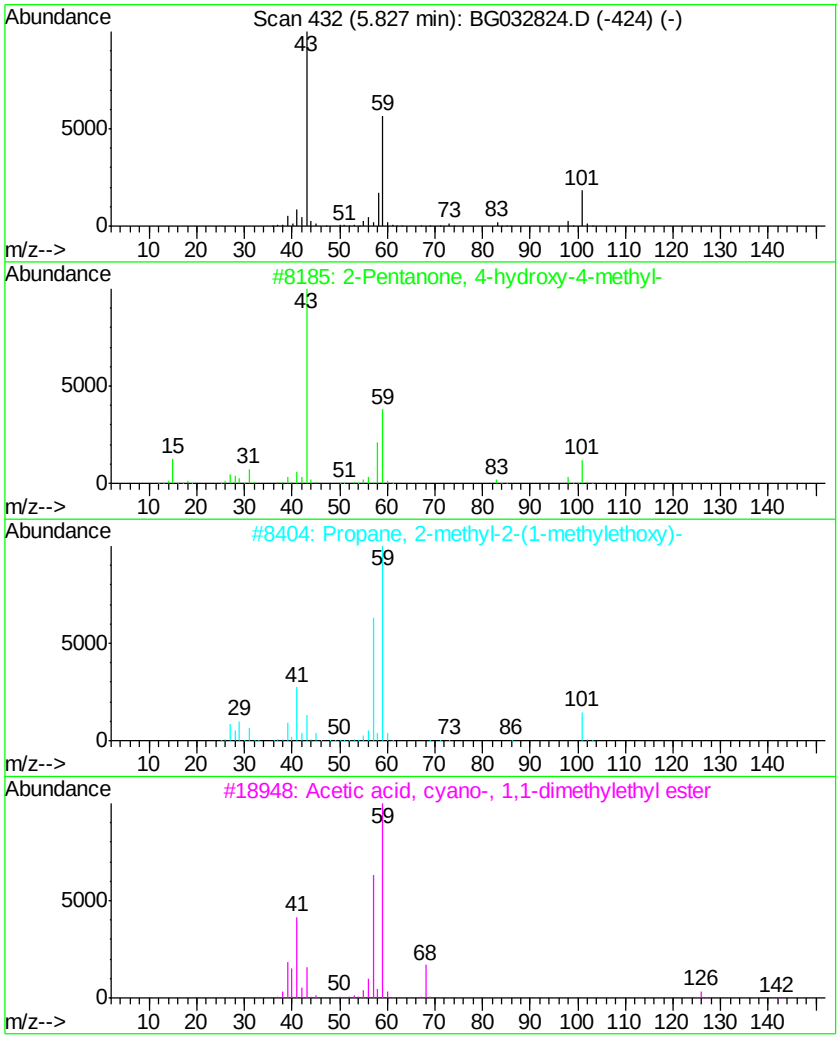
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

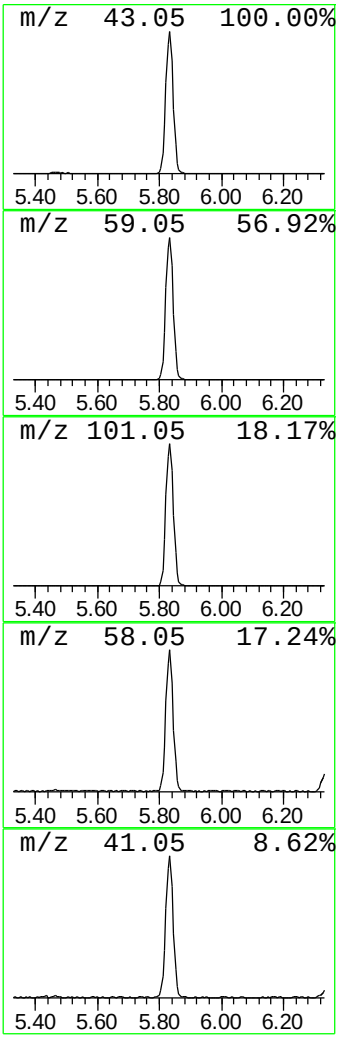
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	47.72 ng	996764	1,4-Dichlorobenzene-d4	8.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

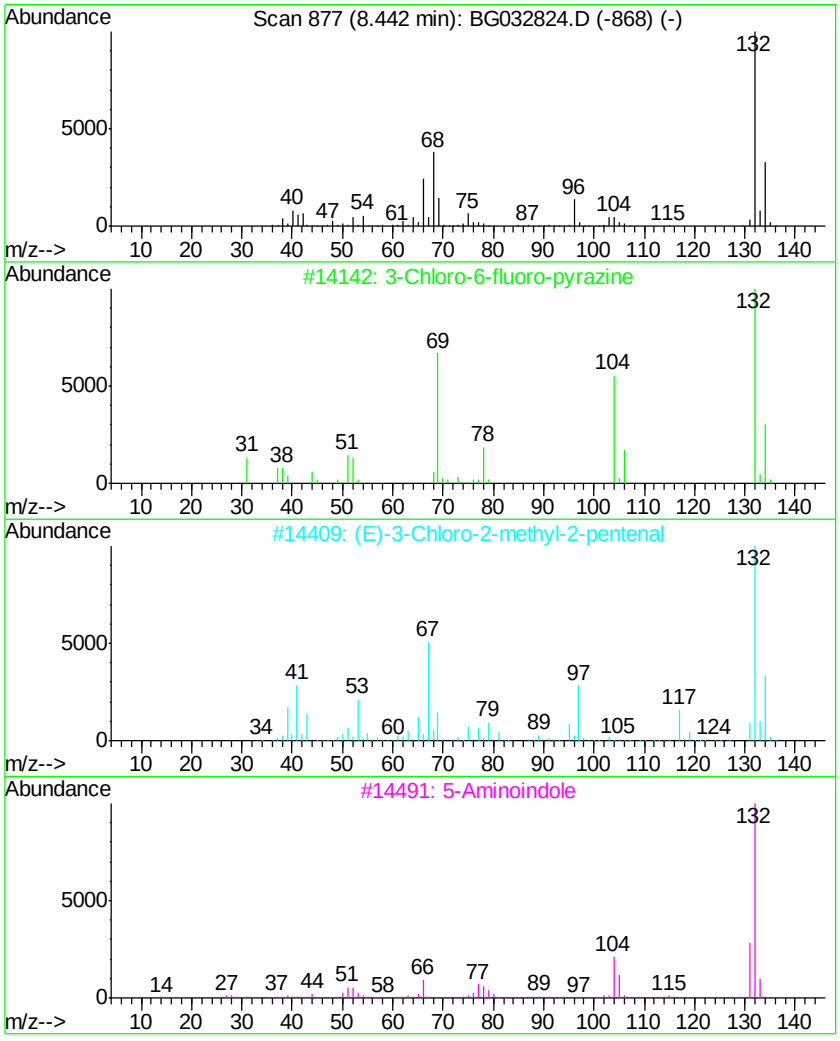
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

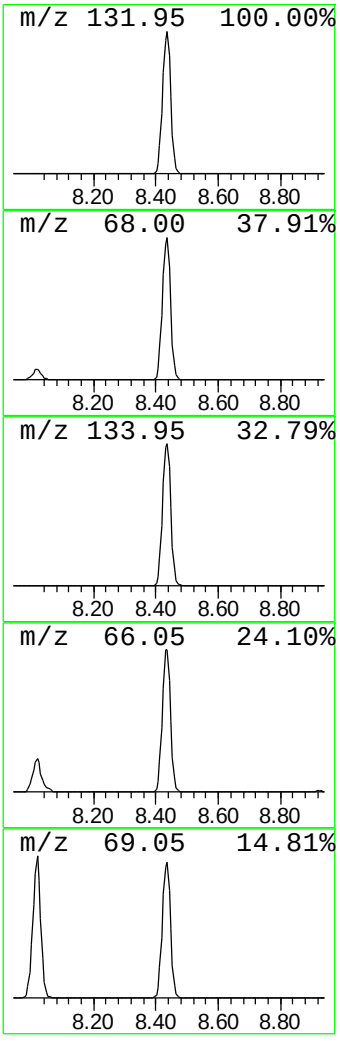
****

Peak Number 6 unknown8.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	86.22 ng	1801050	1,4-Dichlorobenzene-d4	8.92

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

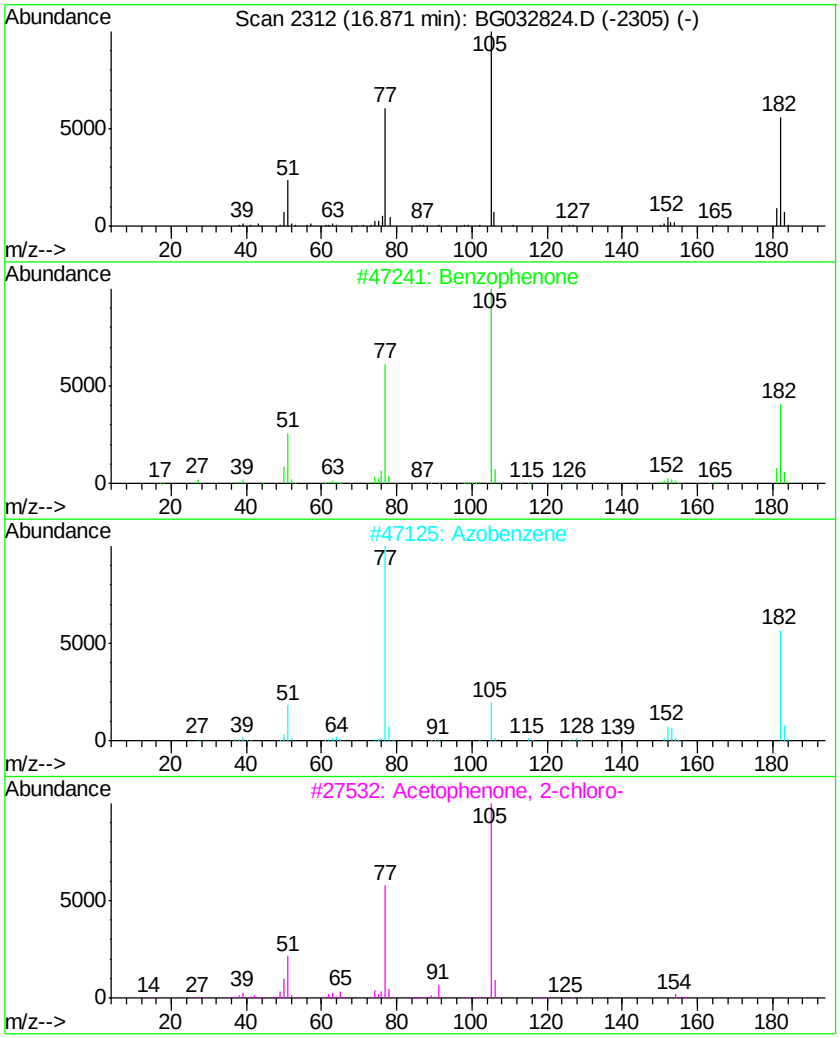
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

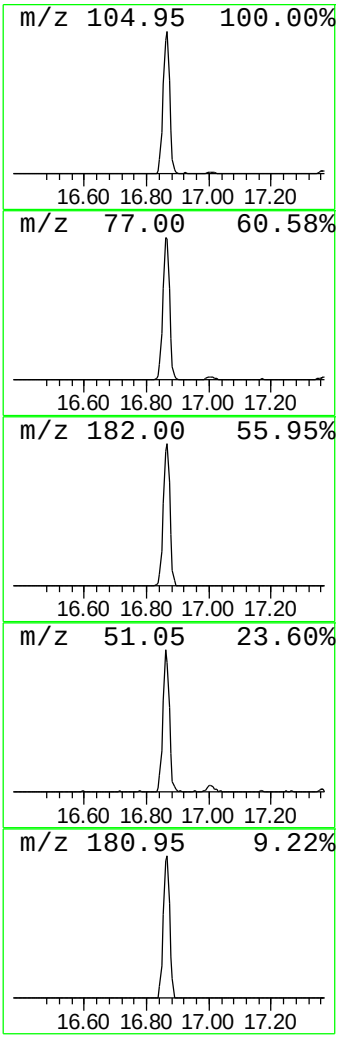
****

Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	6.99 ng	288395	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Data File : BG032824.D
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Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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

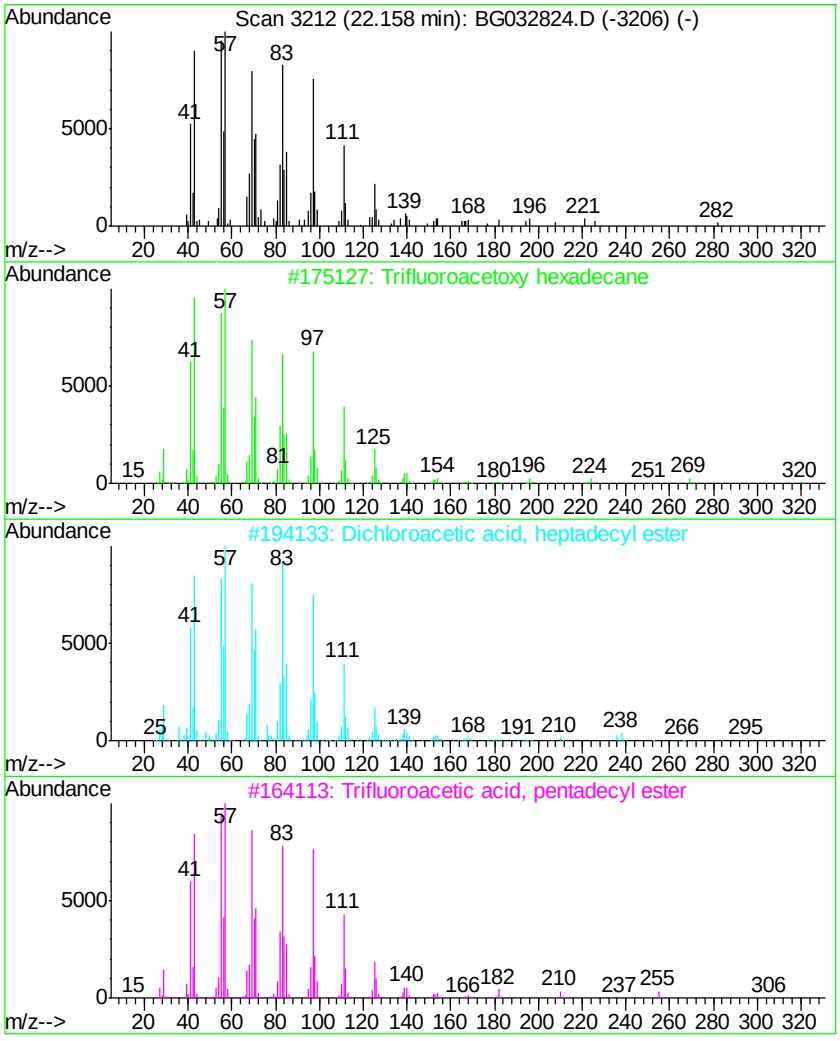
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

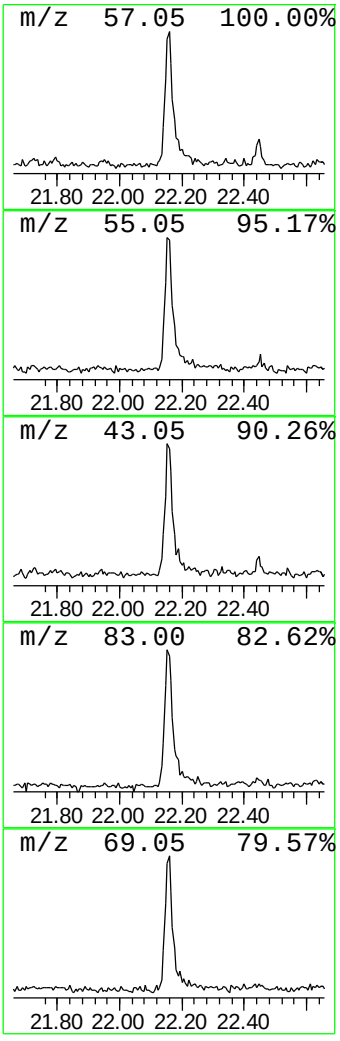
****

Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.26 ng	131796	Chrysene-d12	22.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022618\
Data File : BG032824.D
Acq On : 26 Feb 2018 16:31
Operator : SJ/JU
Sample : J1686-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-CONCRETE

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
unknown3.35	3.35	2.8	ng	59273	1	8.92	417792	20.0
Butane, 2-methoxy...	3.61	22.8	ng	477069	1	8.92	417792	20.0
3-Penten-2-one, 4...	5.16	11.4	ng	238440	1	8.92	417792	20.0
2-Pentanone, 4-hy...	5.83	47.7	ng	996764	1	8.92	417792	20.0
unknown8.44	8.44	86.2	ng	1801050	1	8.92	417792	20.0
Benzophenone	16.87	7.0	ng	288395	3	15.54	825691	20.0
Trifluoroacetoxy ...	22.16	2.3	ng	131796	5	22.62	1167990	20.0