LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041336.D
Acq On : 19 Jun 2019 20:08
Operator : HP/JU
Sample : K3421-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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	3.152	7	11	23	rVB	228308	347351	12.21%	1.933%
2	4.621	256	261	266	rVB	25325	37377	1.31%	0.208%
3	5.620	424	431	444	rBV	902488	1494659	52.56%	8.319%
4	7.242	699	707	720	rBV	988767	1716427	60.36%	9.554%
5	7.612	763	770	780	rBV	975897	1667182	58.62%	9.279%
6	8.082	844	850	859	rVB	164998	279716	9.84%	1.557%
7	8.405	898	905	913	rBV	733944	1248620	43.91%	6.950%
8	9.263	1043	1051	1062	rBV	607545	1092626	38.42%	6.081%
9	10.908	1324	1331	1343	rVB	190945	354965	12.48%	1.976%
10	13.340	1738	1745	1752	rBV	1522634	2304897	81.05%	12.829%
11	14.163	1878	1885	1893	rBV	135005	203929	7.17%	1.135%
12	14.721	1973	1980	1990	rBV2	314184	506554	17.81%	2.819%
13	16.208	2226	2233	2249	rBV	1295715	1994608	70.14%	11.102%
14	17.465	2441	2447	2454	rBV2	386784	610507	21.47%	3.398%
15	18.317	2588	2592	2598	rBV	105347	155052	5.45%	0.863%
16	19.586	2805	2808	2813	rBV5	32351	44503	1.56%	0.248%
17	20.062	2884	2889	2896	rBV	2168340	2843857	100.00%	15.829%
18	21.742	3170	3175	3184	rVB	372504	637465	22.42%	3.548%
19	25.068	3736	3741	3750	rVB2	152139	426155	14.99%	2.372%

Sum of corrected areas: 17966450

LSC Report - Integrated Chromatogram

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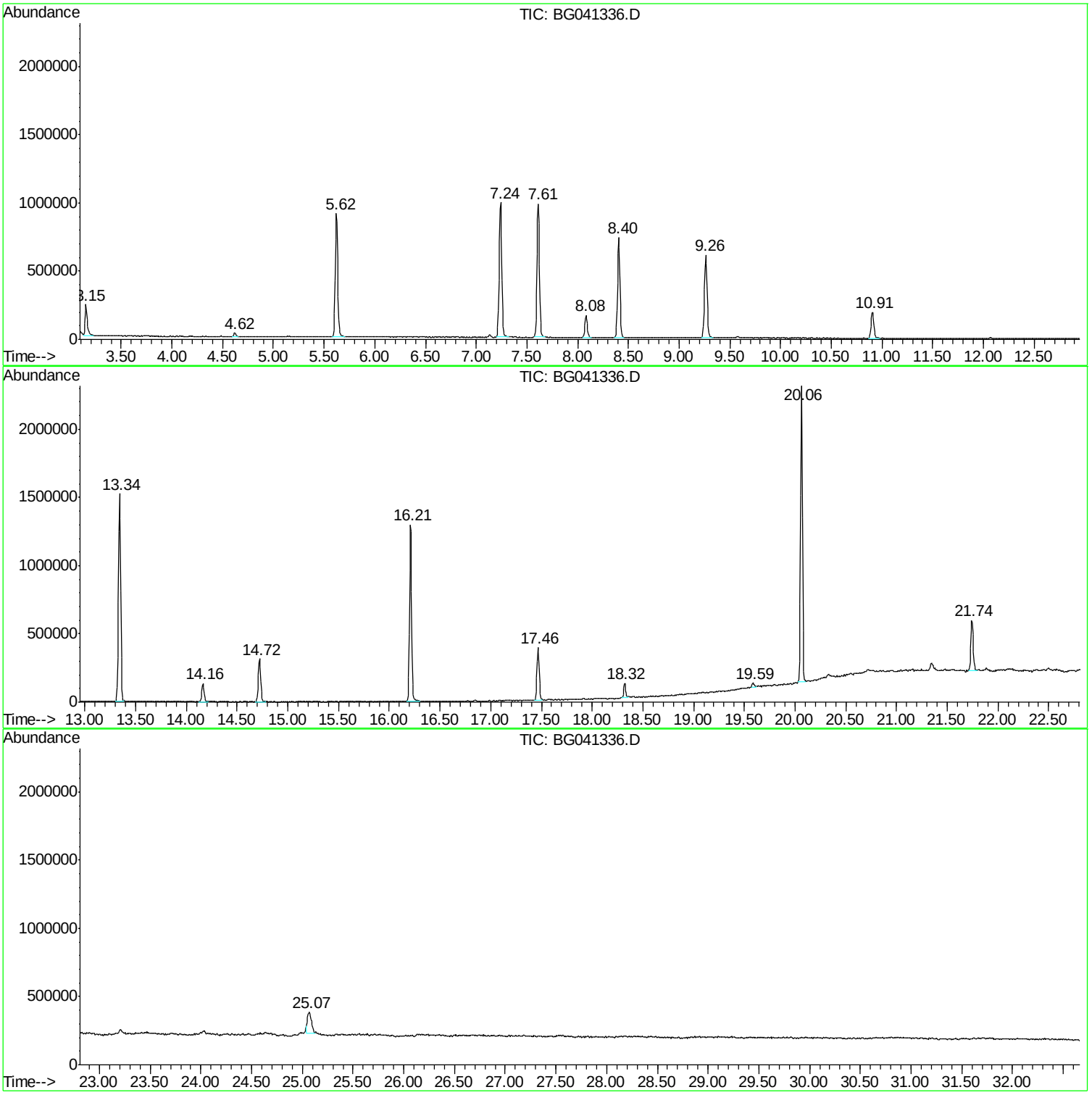
Sample : K3421-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG041336.D
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Operator : HP/JU
Sample : K3421-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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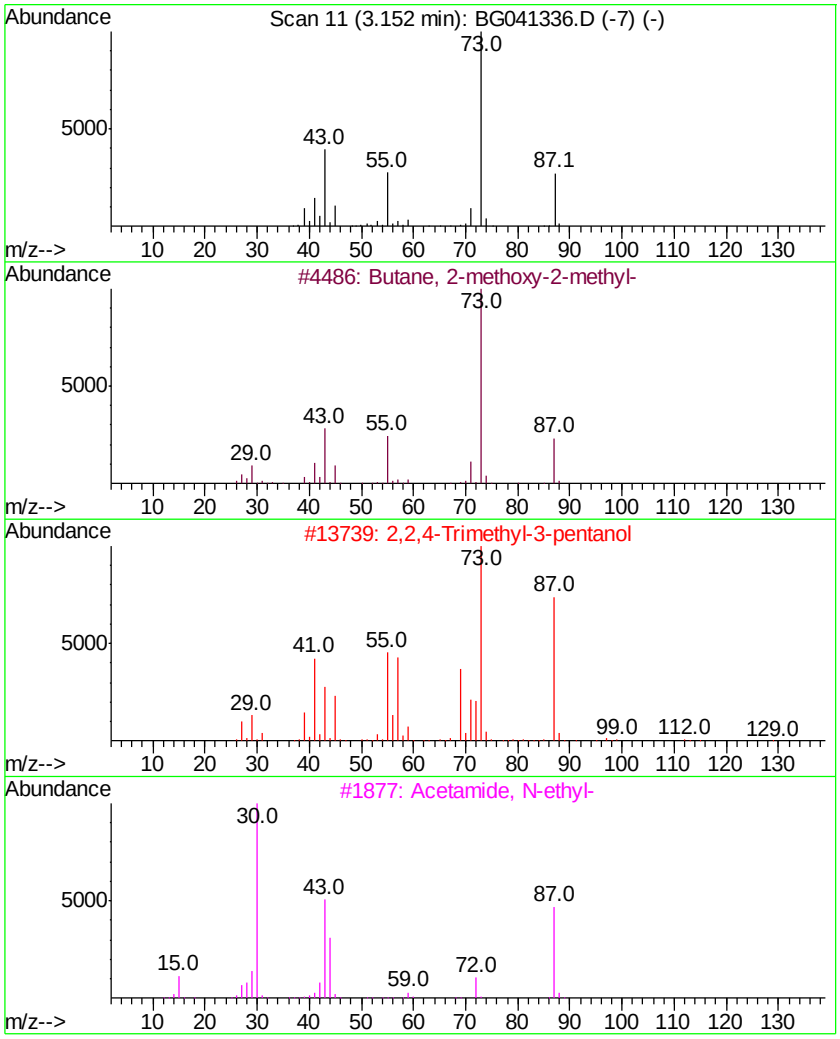
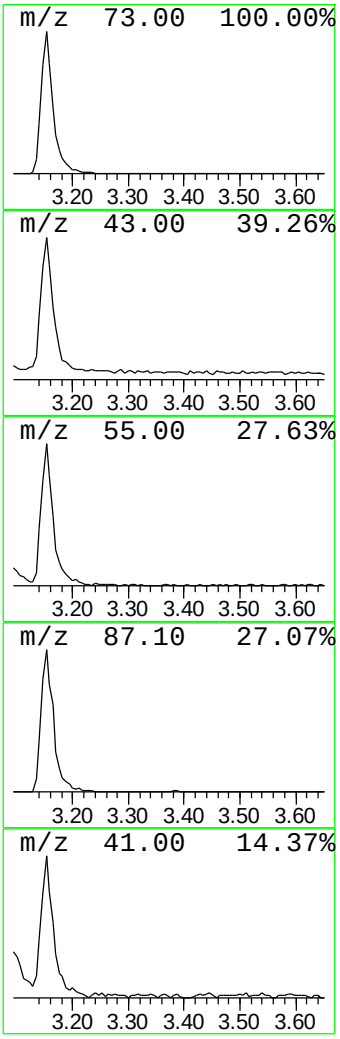
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	24.84 ng	347351	1,4-Dichlorobenzene-d4	8.08

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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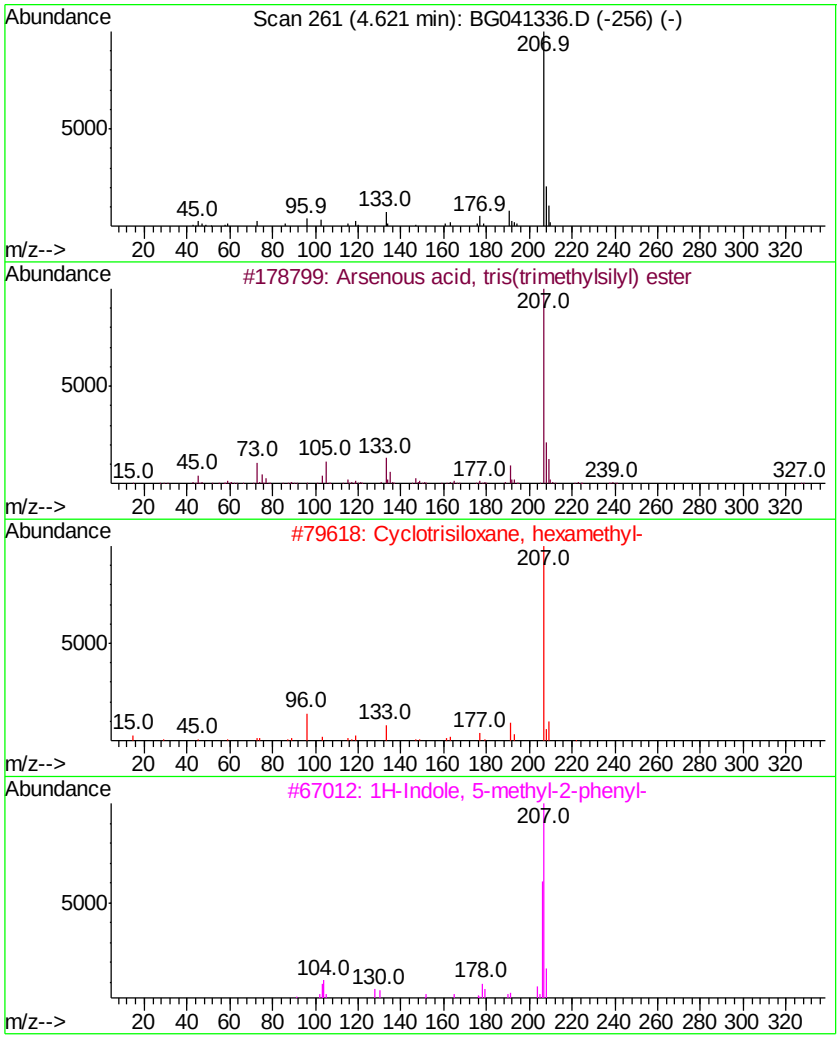
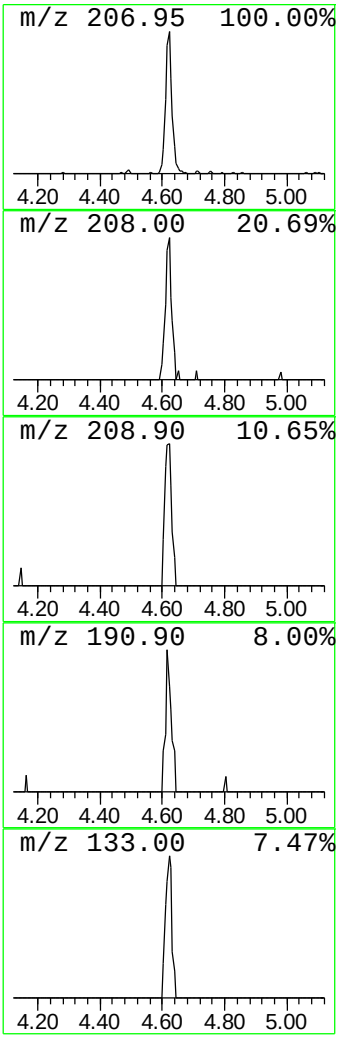
Peak Number 2 Arsenous acid, tris(trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.67 ng	37377	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	50
4	Benz[b]-1,4-oxazepine-4(5H)-thio...	207	C11H13NOS	1000258-63-4	50
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	50





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Acq On : 19 Jun 2019 20:08
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Sample : K3421-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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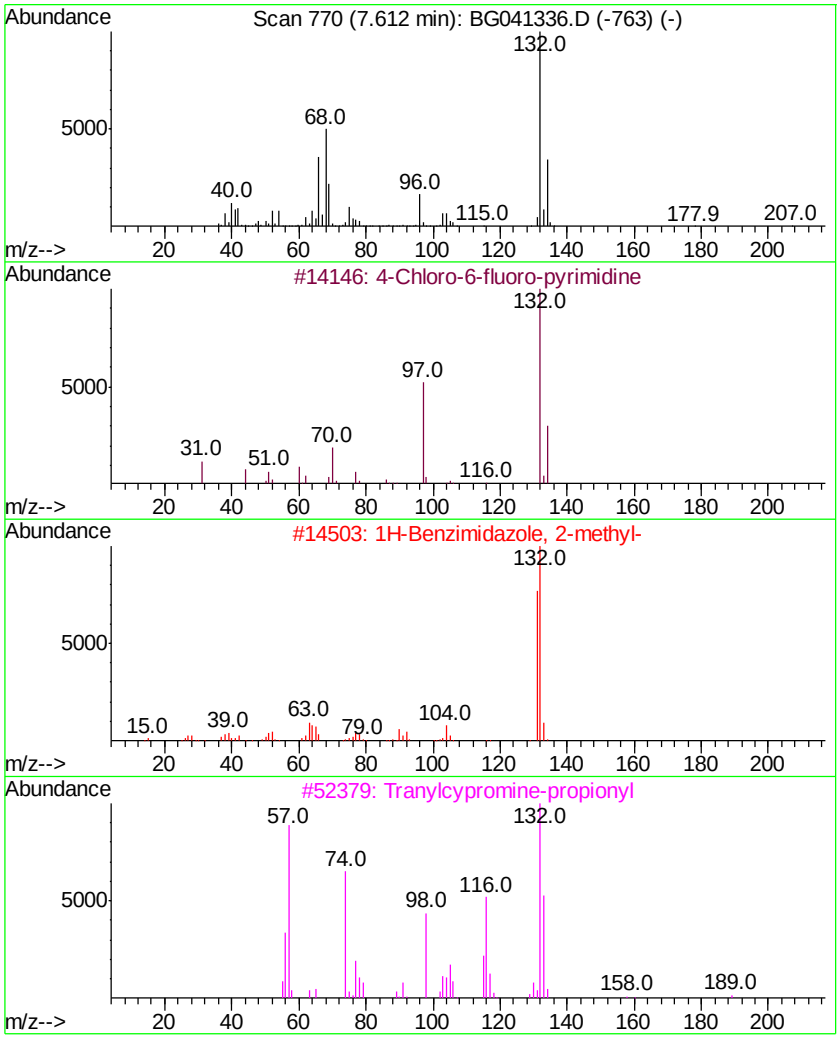
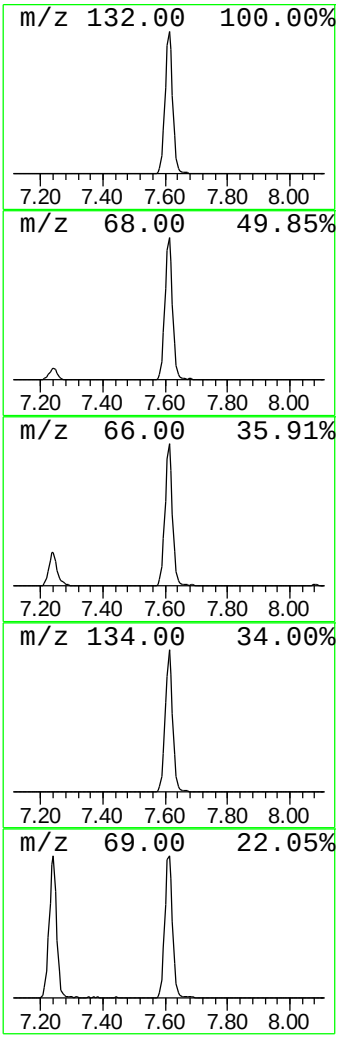
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	119.21 ng	1667180	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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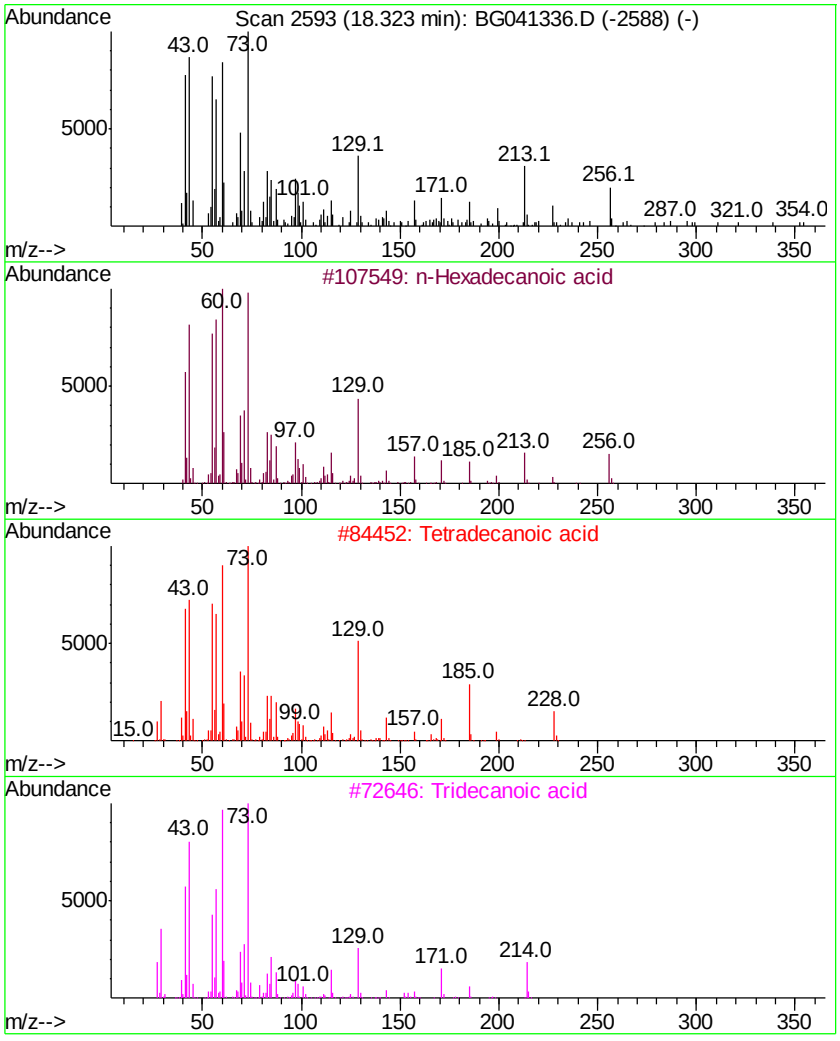
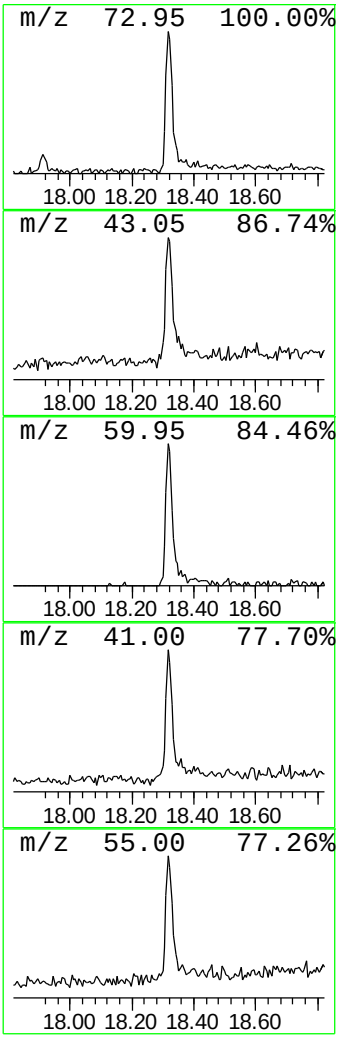
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	5.08 ng	155052	Phenanthrene-d10	17.46

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	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Tentatively Identified Compound (LSC) summary

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Operator : HP/JU
Sample : K3421-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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...	3.15	24.8	ng	347351	1	8.08	279716	20.0
Arsenous acid, tr...	4.62	2.7	ng	37377	1	8.08	279716	20.0
unknown7.61	7.61	119.2	ng	1667180	1	8.08	279716	20.0
n-Hexadecanoic acid	18.32	5.1	ng	155052	4	17.46	610507	20.0