LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021120.D
Acq On : 27 Feb 2016 18:23
Operator : UM/SJ
Sample : H1565-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

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-BG022616.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	3.085	37	42	61	rVV	733074	1038666	100.00%	25.168%
2	3.232	62	67	77	rVB	12411	22020	2.12%	0.534%
3	5.259	405	412	420	rBB	27950	41239	3.97%	0.999%
4	5.717	484	490	498	rBB	130138	207061	19.94%	5.017%
5	7.309	754	761	769	rBB	143400	244143	23.51%	5.916%
6	7.697	820	827	834	rBB	135823	227262	21.88%	5.507%
7	8.167	901	907	913	rBB2	24924	37734	3.63%	0.914%
8	8.490	956	962	969	rBB	93073	154930	14.92%	3.754%
9	9.330	1098	1105	1112	rBB	87557	149868	14.43%	3.632%
10	10.976	1379	1385	1392	rBB	33970	58272	5.61%	1.412%
11	13.402	1791	1798	1805	rBB	220464	331864	31.95%	8.042%
12	14.219	1932	1937	1942	rBB	26123	35979	3.46%	0.872%
13	14.771	2025	2031	2038	rBB2	54390	86225	8.30%	2.089%
14	16.252	2276	2283	2289	rBB	206482	302871	29.16%	7.339%
15	17.509	2491	2497	2503	rVB2	82071	121140	11.66%	2.935%
16	18.373	2641	2644	2652	rBV2	20829	26418	2.54%	0.640%
17	20.100	2932	2938	2943	rBV	563078	688351	66.27%	16.680%
18	20.770	3047	3052	3058	rBV2	15232	26029	2.51%	0.631%
19	20.823	3058	3061	3067	rVB4	11353	14563	1.40%	0.353%
20	21.393	3154	3158	3165	rBV2	15772	22939	2.21%	0.556%
21	21.769	3216	3222	3229	rBV	97356	155061	14.93%	3.757%
22	25.053	3771	3781	3792	rVB2	47921	134239	12.92%	3.253%

Sum of corrected areas: 4126874

LSC Report - Integrated Chromatogram

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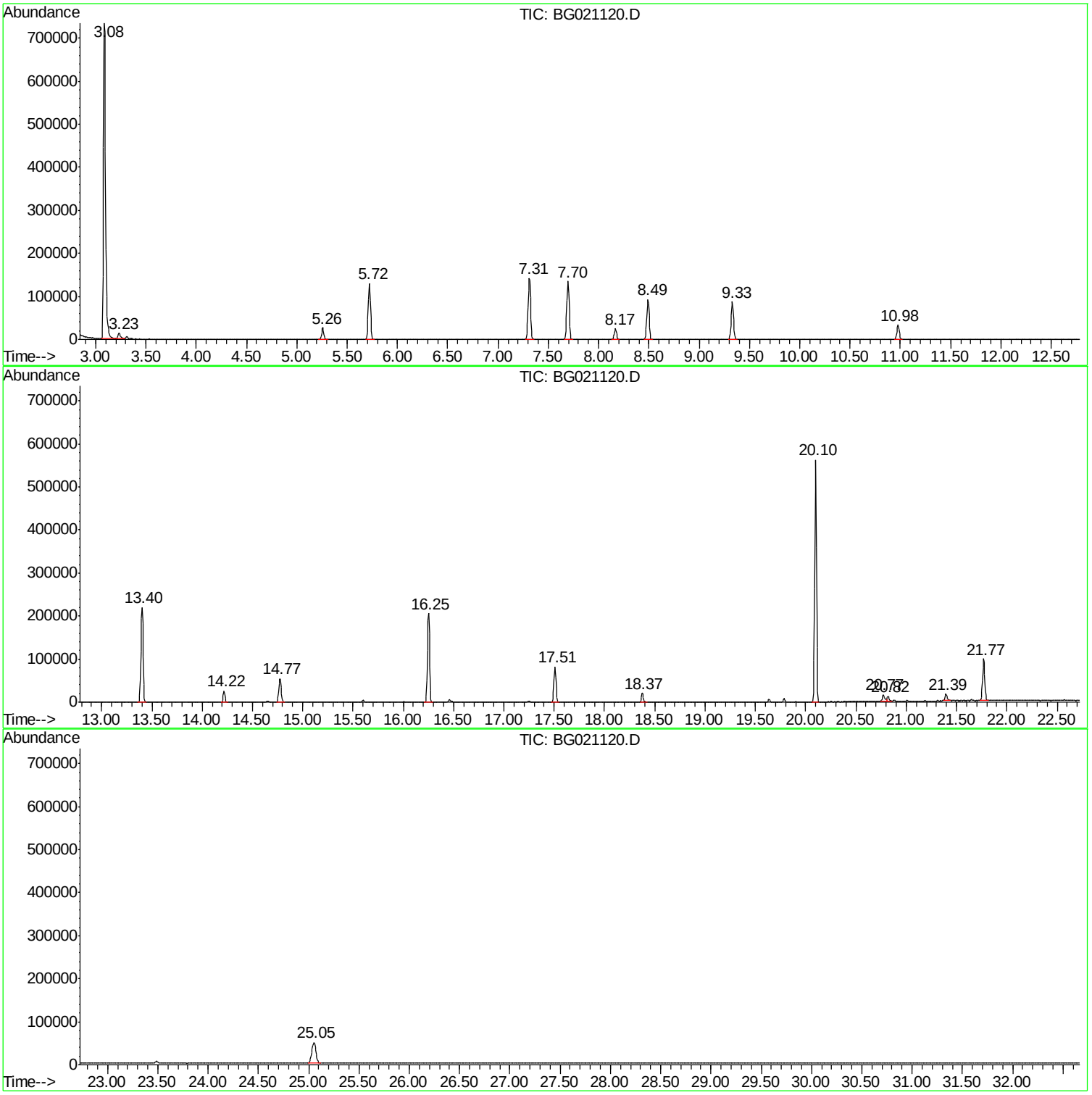
Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Acq On : 27 Feb 2016 18:23
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Sample : H1565-02
Misc :
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ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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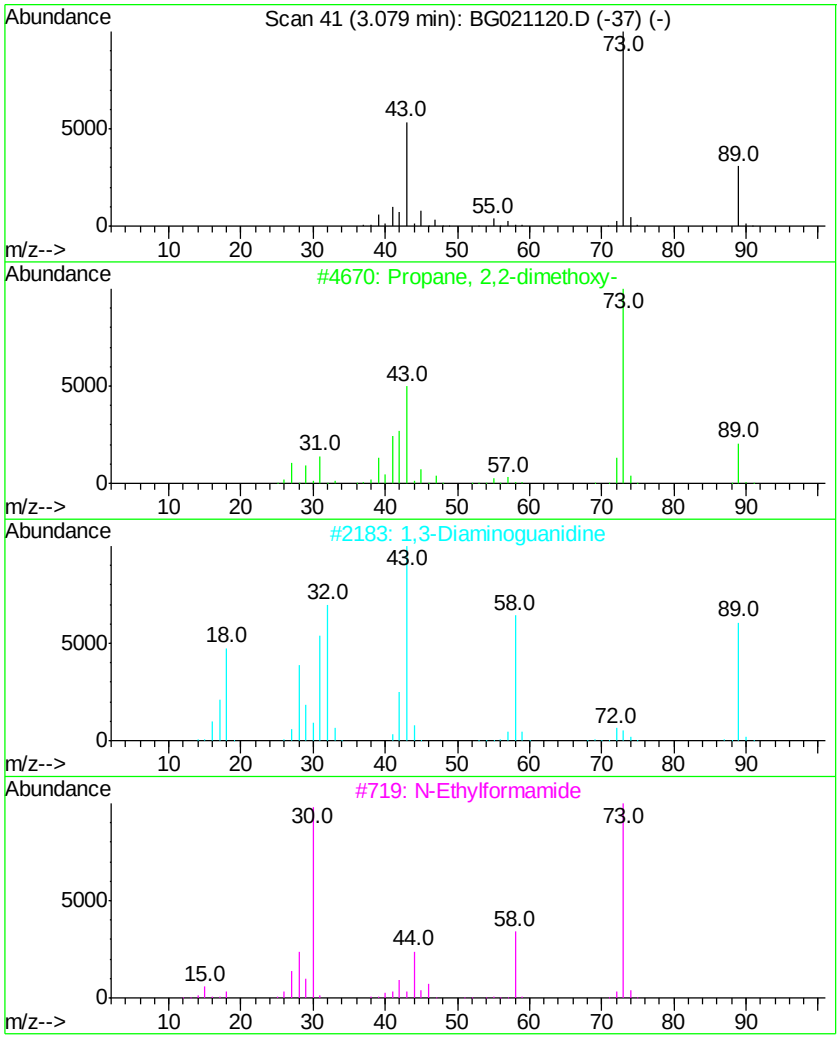
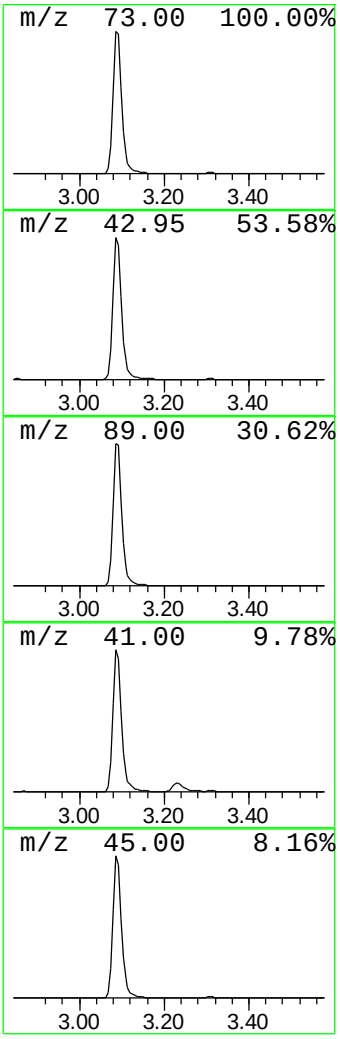
Peak Number 1 unknown3.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	550.52 ng	1038670	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Misc :
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Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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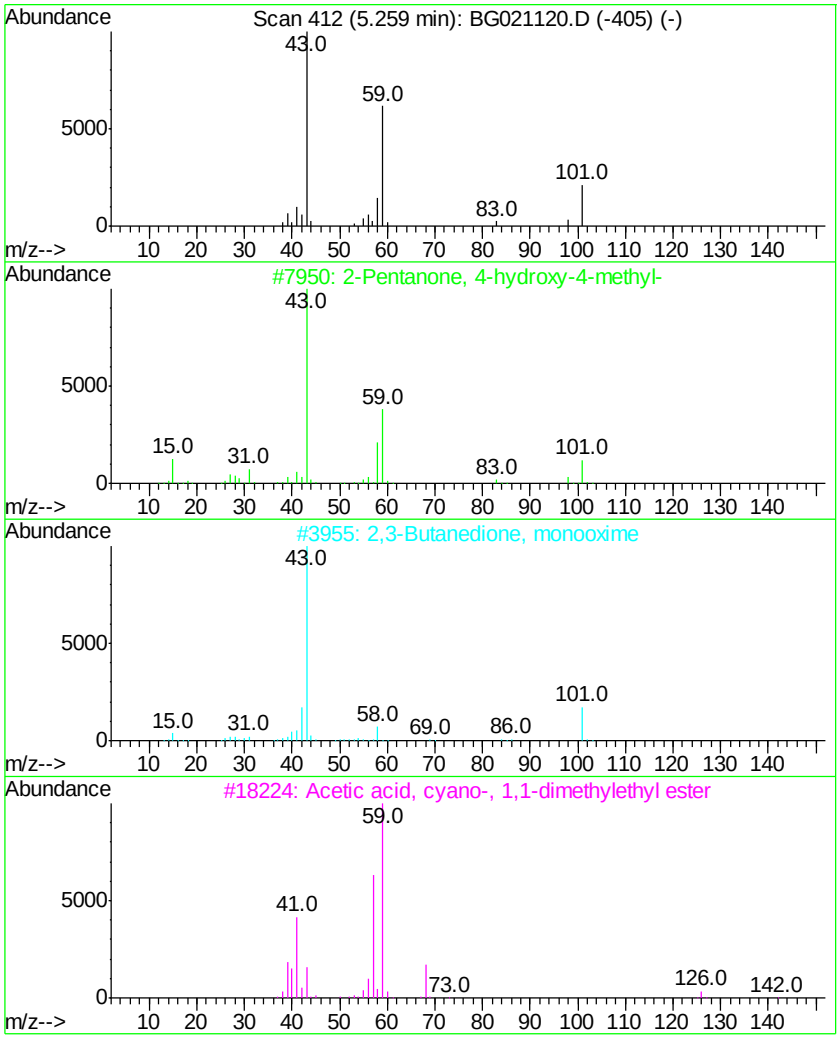
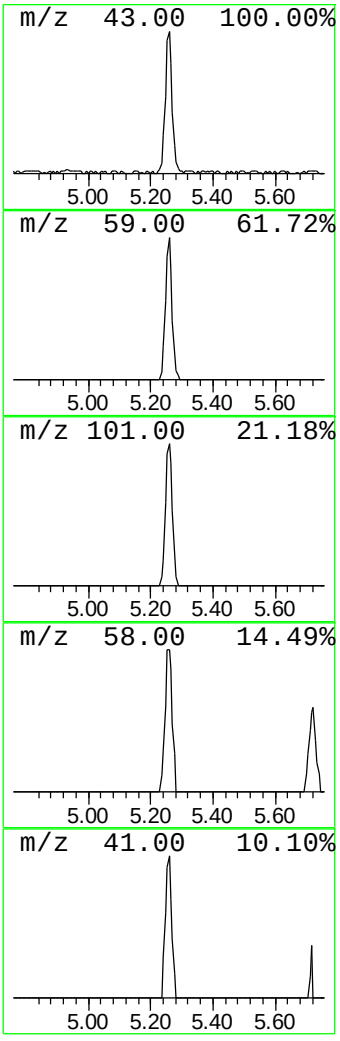
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	21.86 ng	41239	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Operator : UM/SJ
Sample : H1565-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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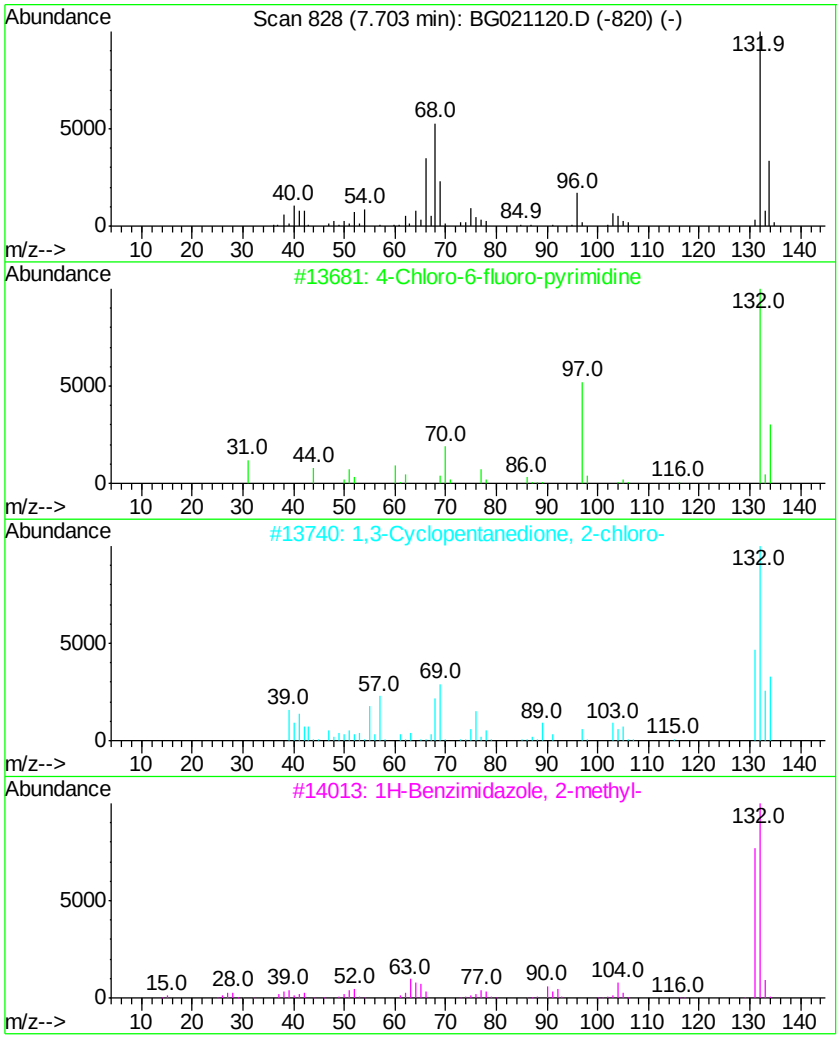
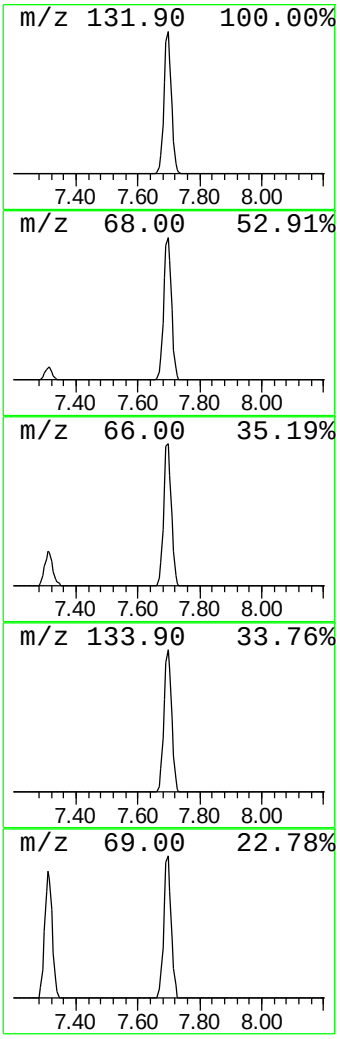
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	120.46 ng	227262	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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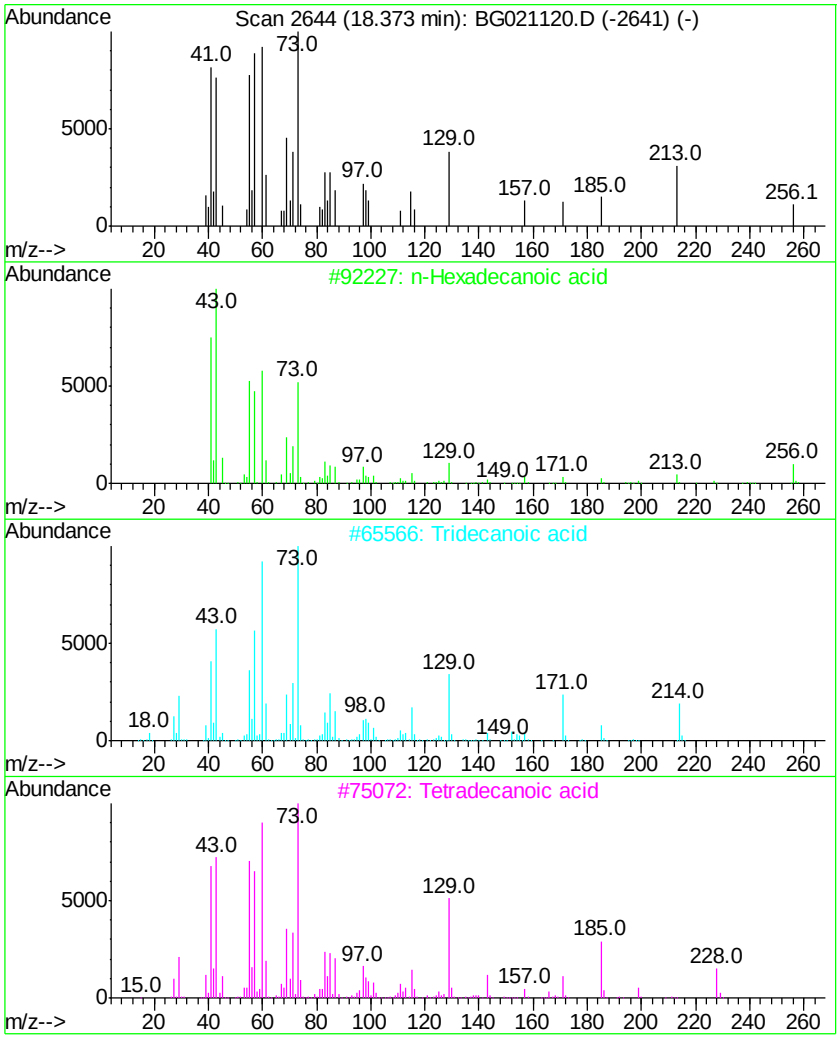
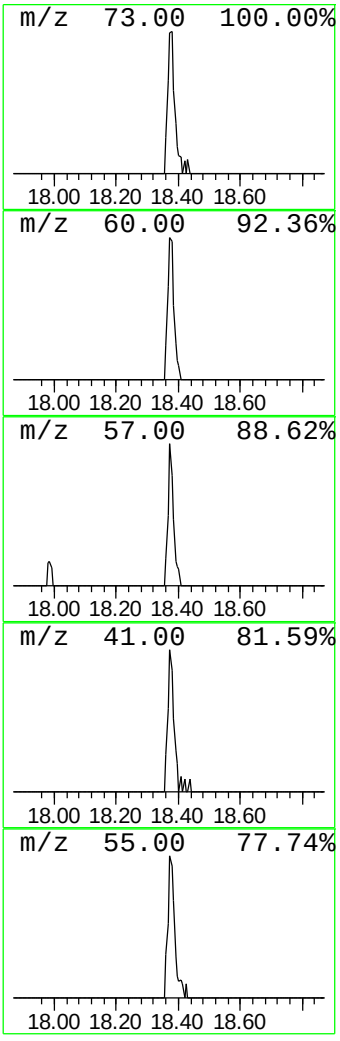
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.36 ng	26418	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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Acq On : 27 Feb 2016 18:23
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Sample : H1565-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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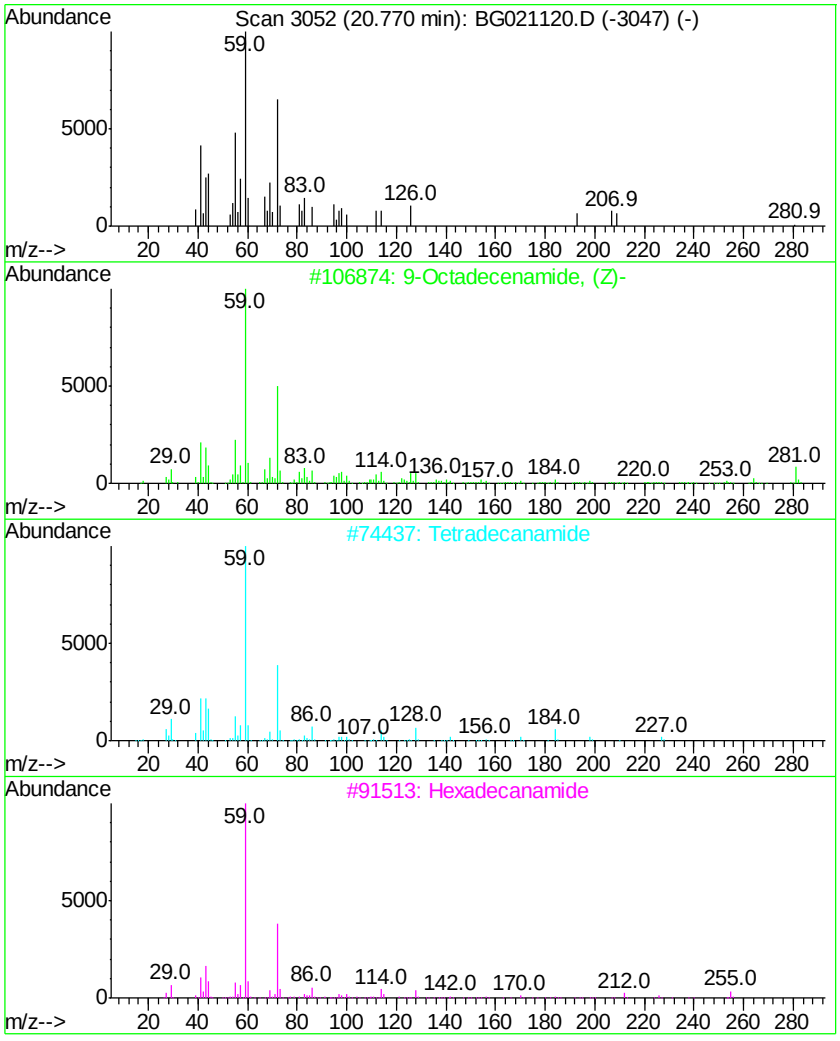
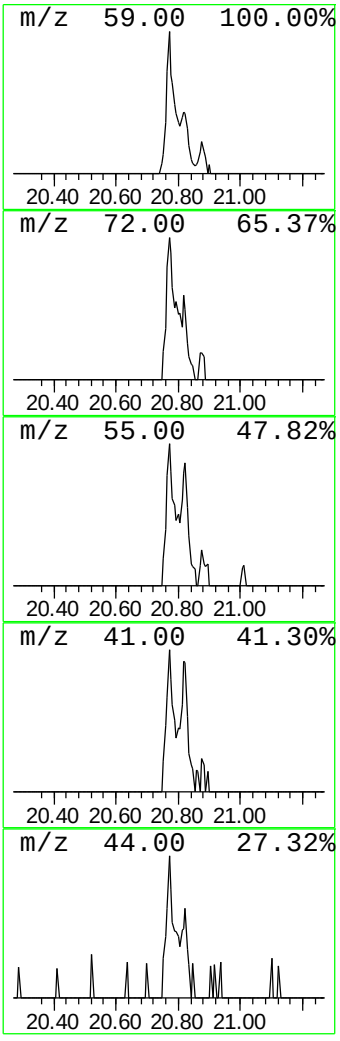
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.36 ng	26029	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	Tetradecanamide	227	C14H29NO	000638-58-4	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	7-Nonenamide	155	C9H17NO	090949-53-4	50





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Instrument : BNA_G
ClientSampleId : CEB-2(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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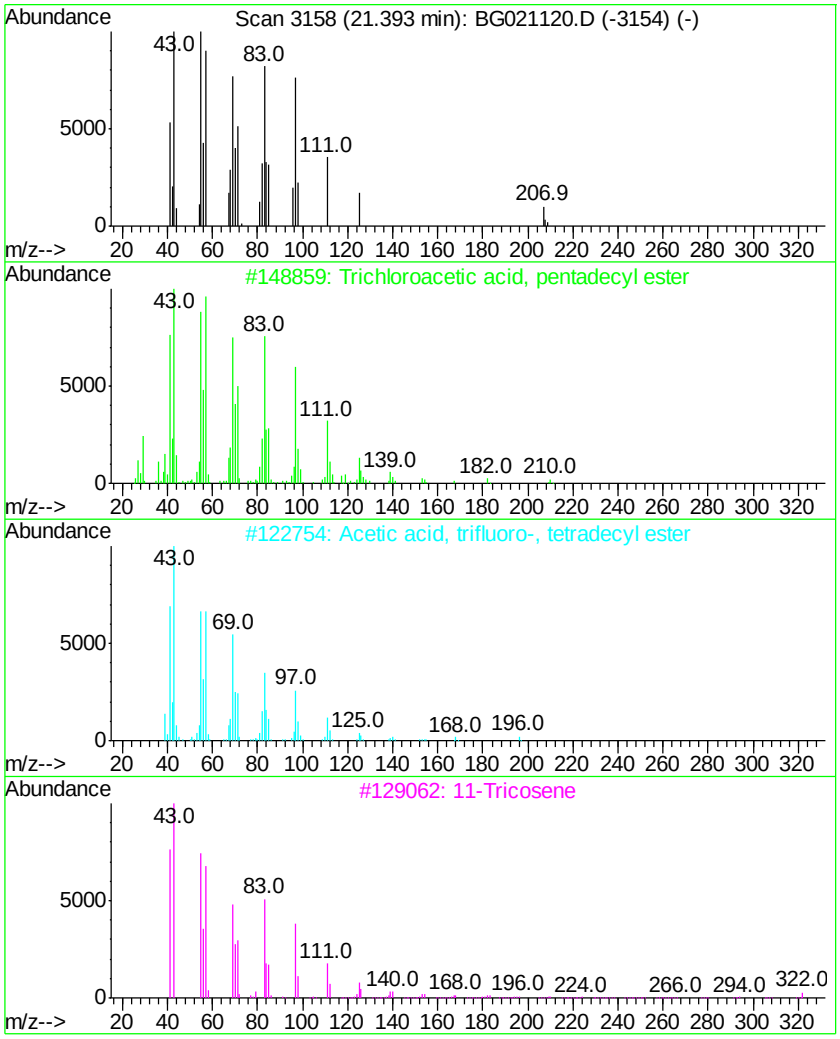
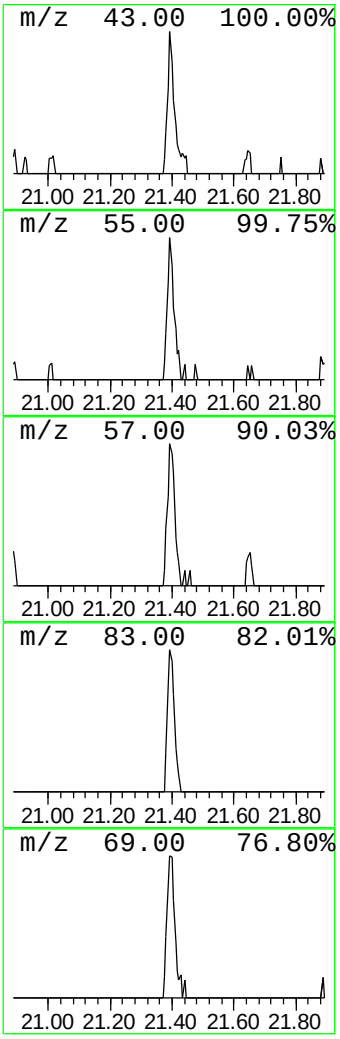
Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.96 ng	22939	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.08	3.08	550.5	ng	1038670	1	8.17	37734	20.0
2-Pentanone, 4-hy...	5.26	21.9	ng	41239	1	8.17	37734	20.0
unknown7.70	7.70	120.5	ng	227262	1	8.17	37734	20.0
n-Hexadecanoic acid	18.37	4.4	ng	26418	4	17.51	121140	20.0
9-Octadecenamide,...	20.77	3.4	ng	26029	5	21.77	155061	20.0
Trichloroacetic a...	21.39	3.0	ng	22939	5	21.77	155061	20.0