LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021124.D
Acq On : 27 Feb 2016 21:00
Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(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	3.086	37	42	60	rBV	1284216	1761959	100.00%	29.190%
2	3.233	62	67	76	rVB2	11915	22208	1.26%	0.368%
3	5.260	406	412	419	rBV	39268	59201	3.36%	0.981%
4	5.718	484	490	500	rVB	188855	300863	17.08%	4.984%
5	7.316	754	762	770	rBB	201829	350119	19.87%	5.800%
6	7.698	820	827	834	rBB	195444	332238	18.86%	5.504%
7	8.168	901	907	913	rBB	26643	43309	2.46%	0.718%
8	8.491	955	962	969	rBB2	132761	223048	12.66%	3.695%
9	9.331	1098	1105	1112	rBB	123674	218504	12.40%	3.620%
10	10.976	1378	1385	1392	rBB	40135	66614	3.78%	1.104%
11	13.403	1791	1798	1805	rBB	312641	478074	27.13%	7.920%
12	14.220	1931	1937	1943	rBB	48249	68494	3.89%	1.135%
13	14.772	2025	2031	2037	rBB2	61649	97846	5.55%	1.621%
14	16.253	2273	2283	2290	rBB	297849	442953	25.14%	7.338%
15	16.458	2313	2318	2329	rBV	10432	18910	1.07%	0.313%
16	17.504	2490	2496	2502	rBV2	90632	137693	7.81%	2.281%
17	20.101	2932	2938	2943	rVB	756952	954628	54.18%	15.815%
18	20.771	3043	3052	3058	rBV	45859	86096	4.89%	1.426%
19	20.818	3058	3060	3066	rVB2	21642	26984	1.53%	0.447%
20	21.394	3153	3158	3165	rBV3	19126	30286	1.72%	0.502%
21	21.770	3215	3222	3231	rBV	108125	168395	9.56%	2.790%
22	25.048	3771	3780	3792	rVB2	51314	147664	8.38%	2.446%

Sum of corrected areas: 6036086

LSC Report - Integrated Chromatogram

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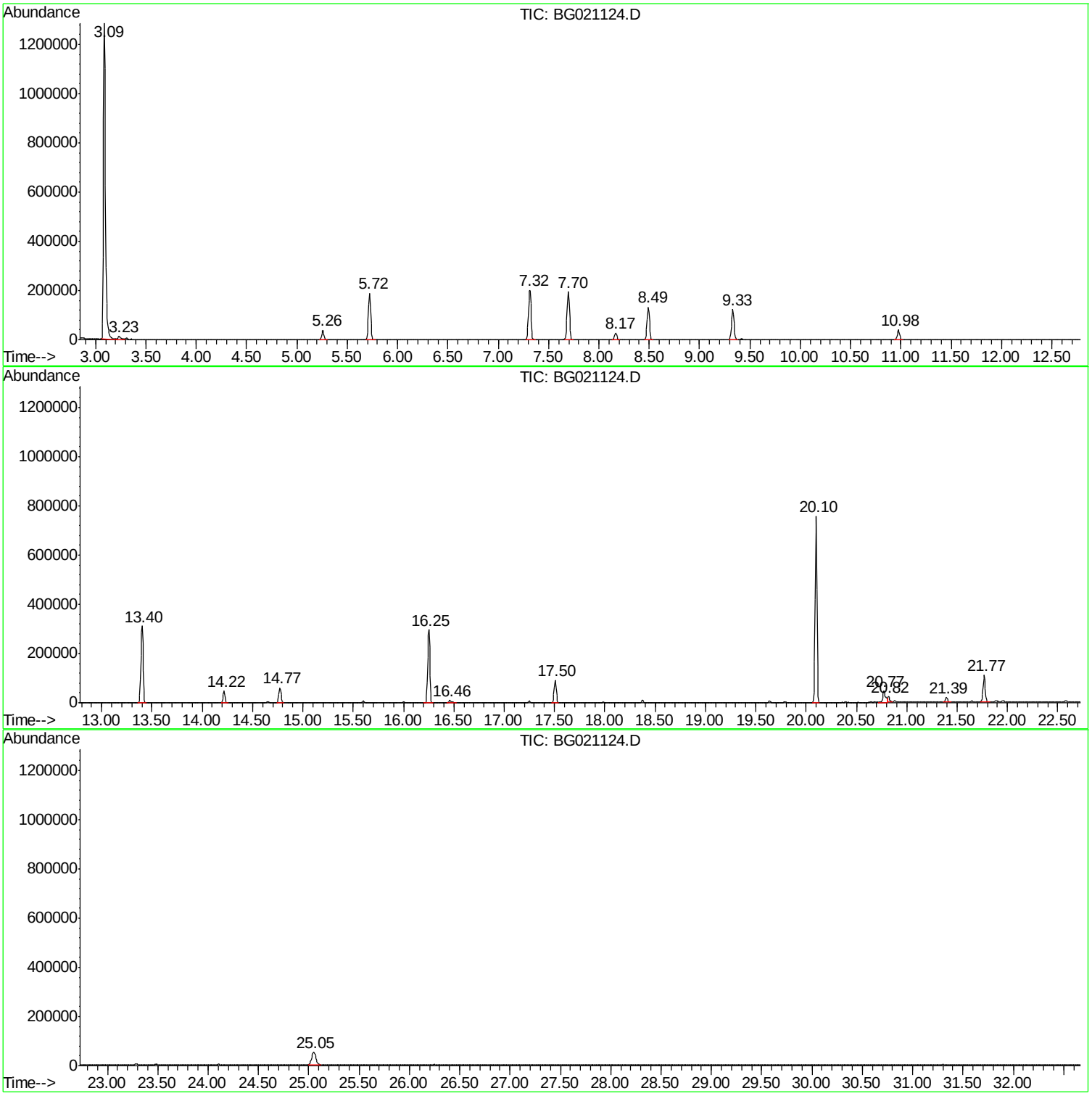
Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021124.D
Acq On : 27 Feb 2016 21:00
Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(12-14)20160223

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

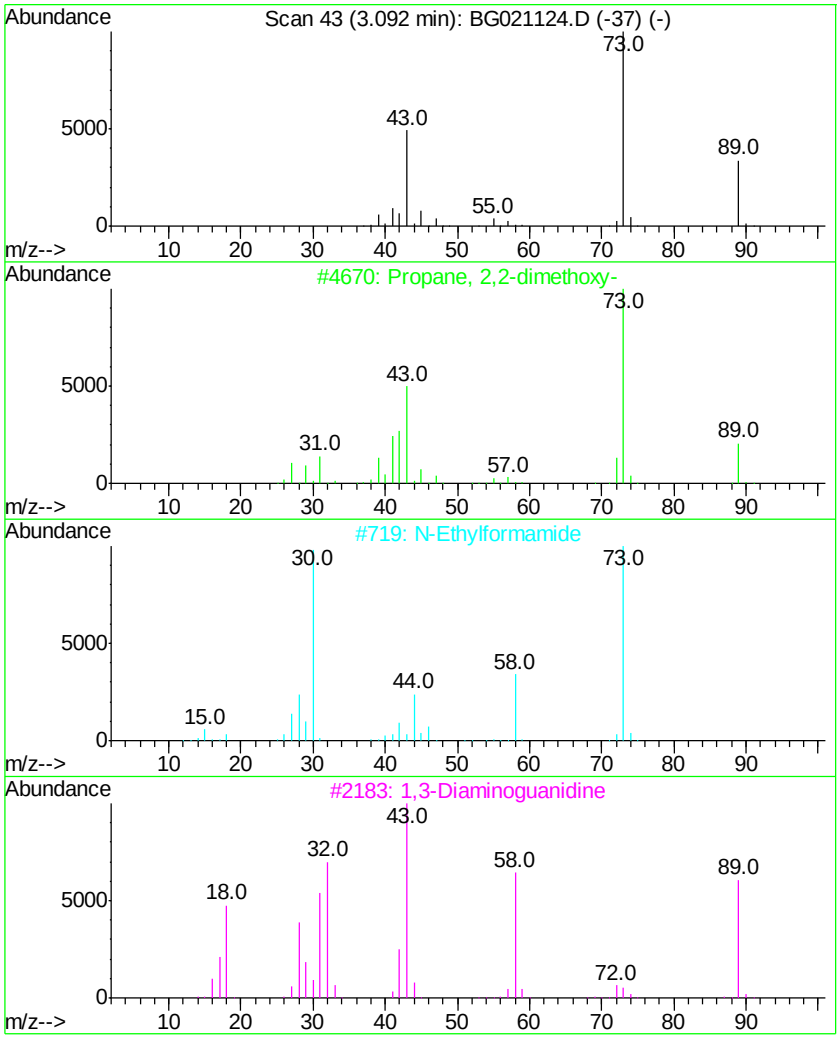
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

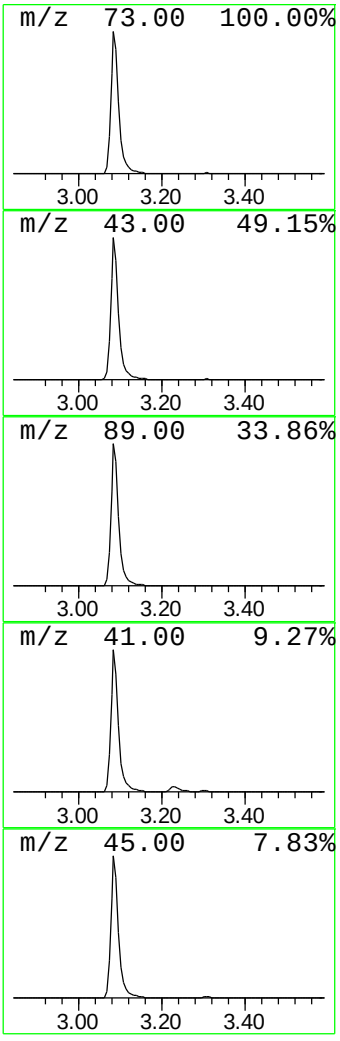
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	813.67 ng	1761960	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021124.D
Acq On : 27 Feb 2016 21:00
Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(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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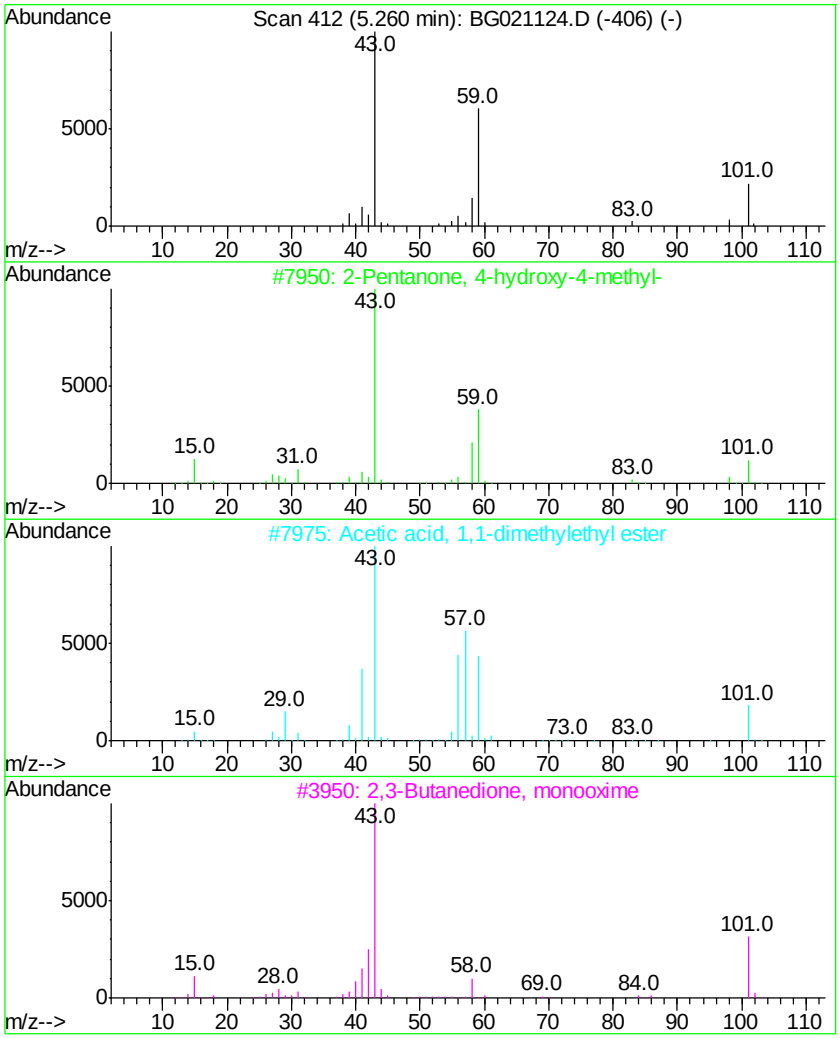
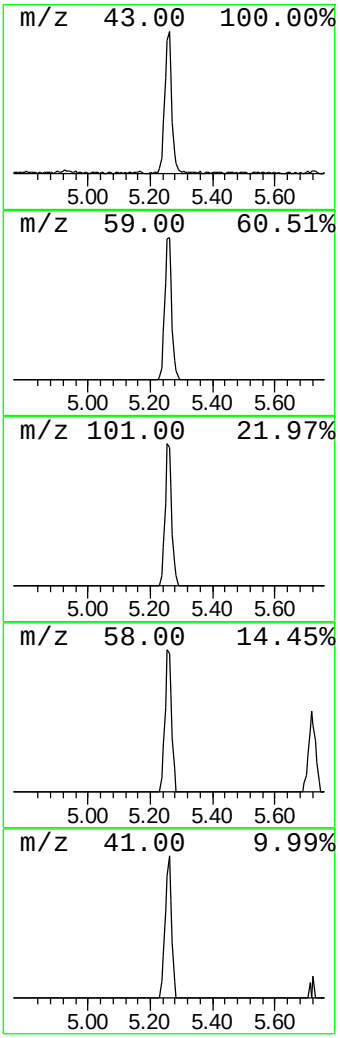
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	27.34 ng	59201	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021124.D
Acq On : 27 Feb 2016 21:00
Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(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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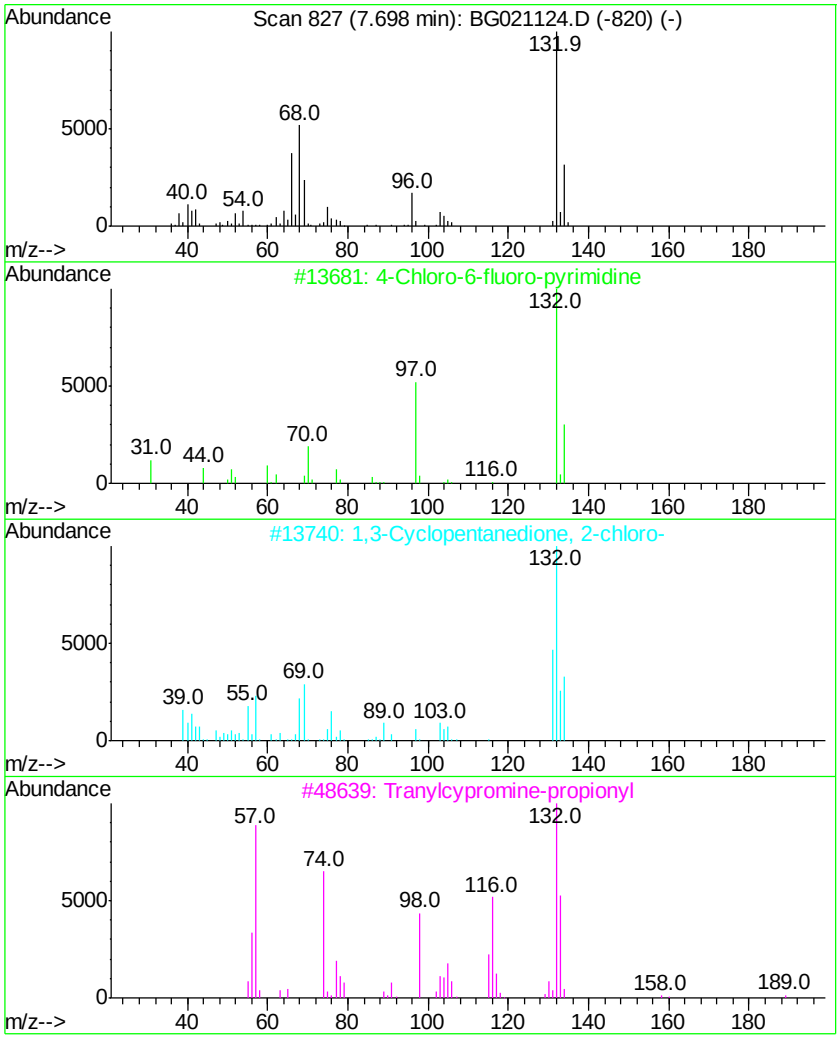
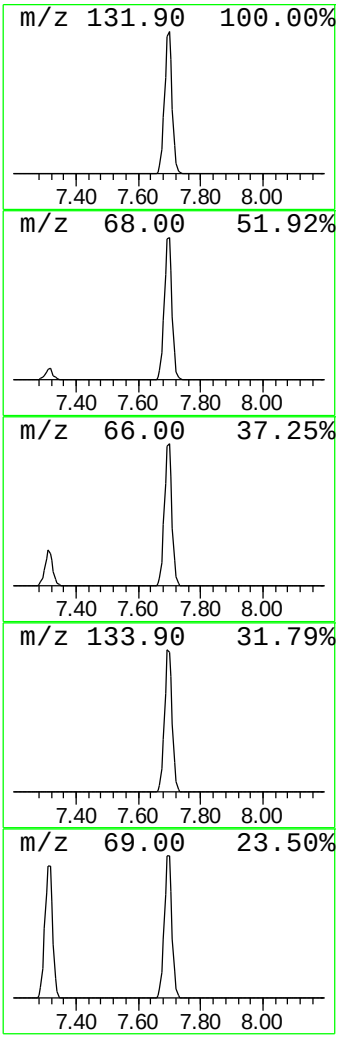
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	153.43 ng	332238	1,4-Dichlorobenzene-d4	8.16

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
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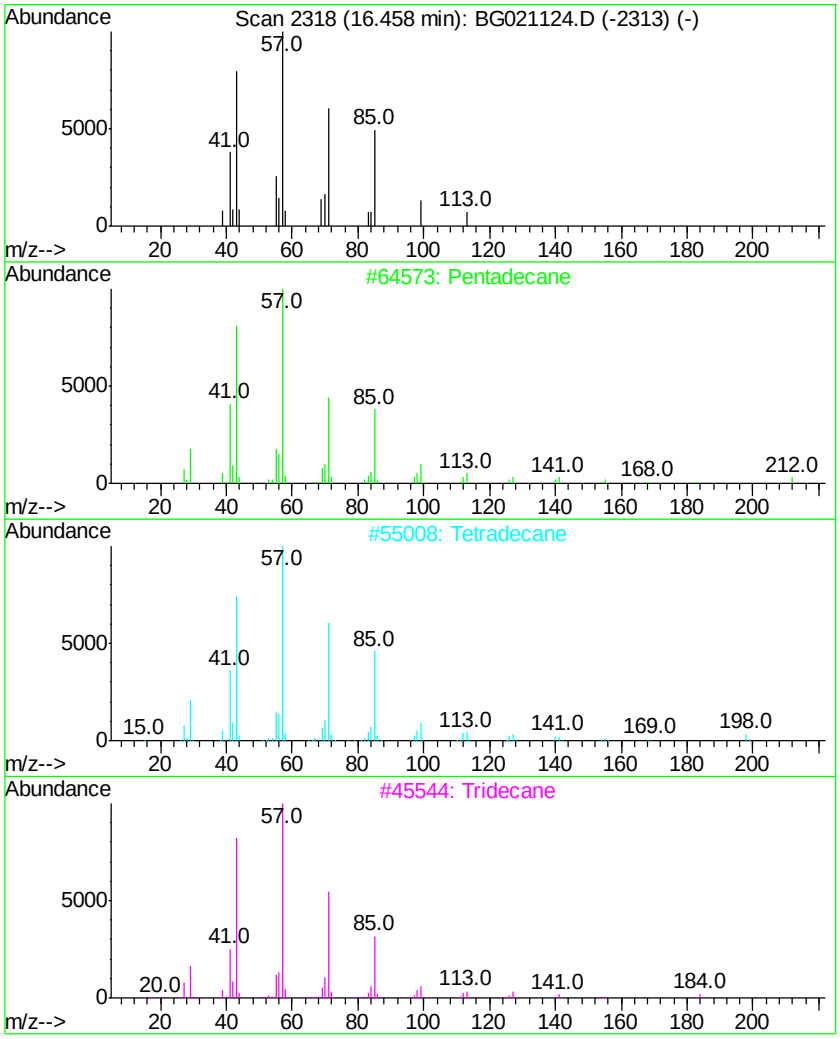
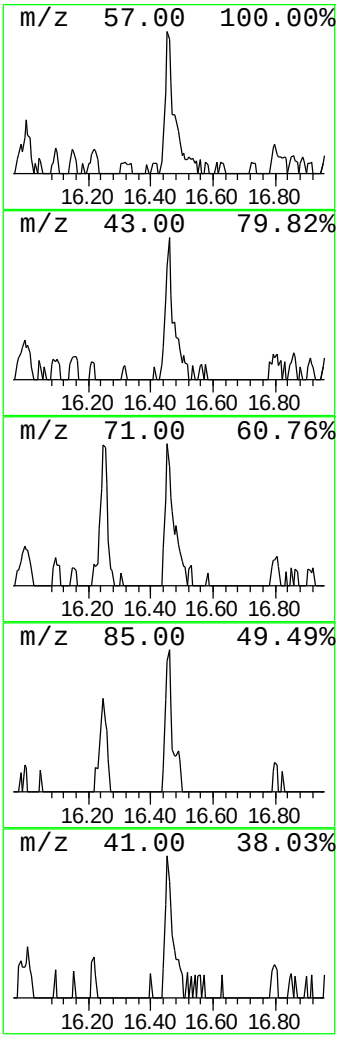
Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.75 ng	18910	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexatriacontane	507	C36H74	000630-06-8	74





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Operator : UM/SJ
Sample : H1565-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
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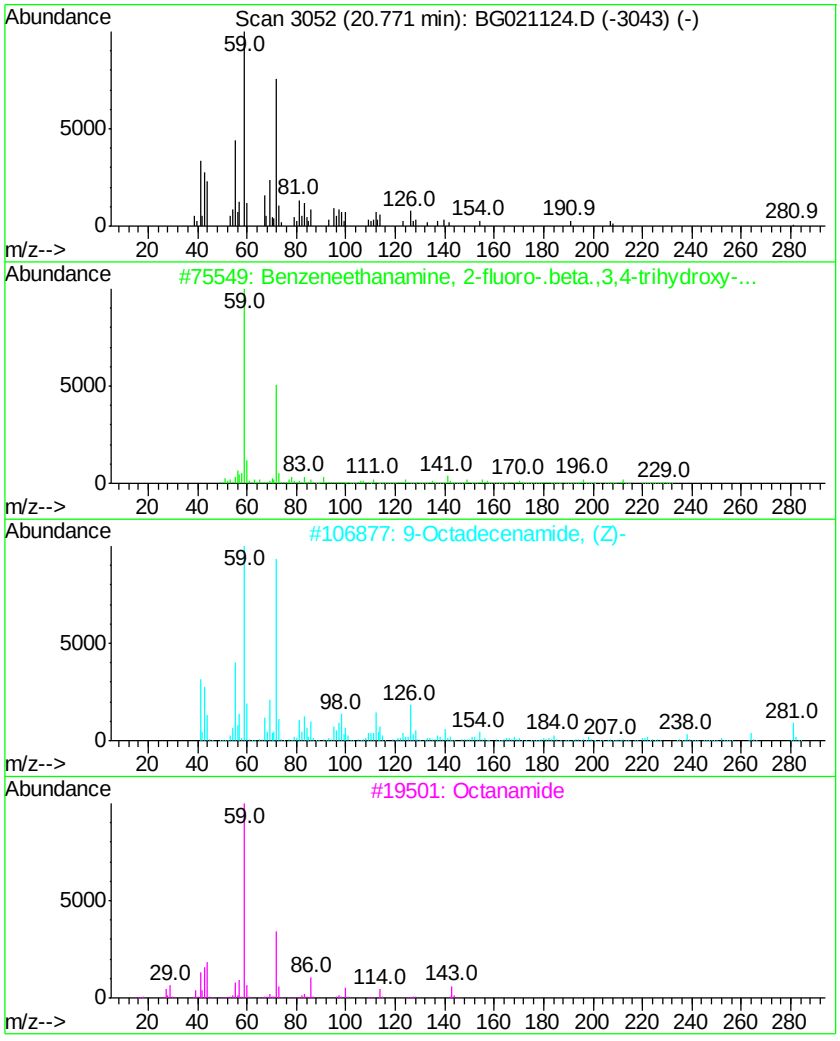
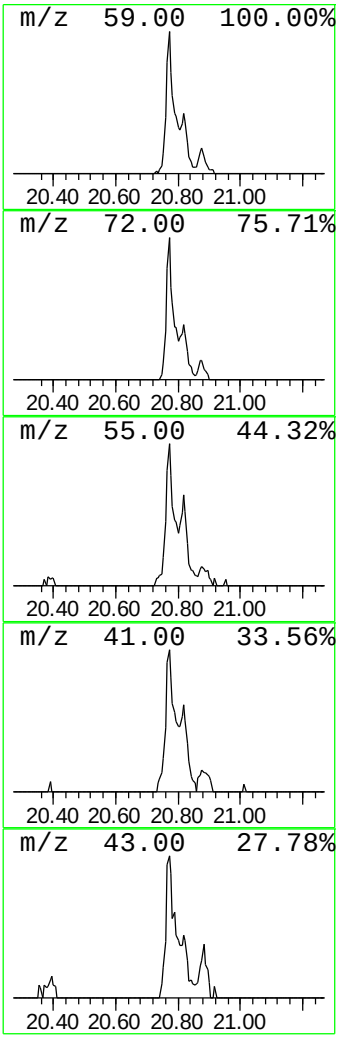
****

Peak Number 7 Benzeneethanamine, 2-fluoro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	10.23 ng	86096	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
3	Octanamide	143	C8H17NO	000629-01-6	50
4	7-Nonenamide	155	C9H17NO	090949-53-4	50
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3(12-14)20160223

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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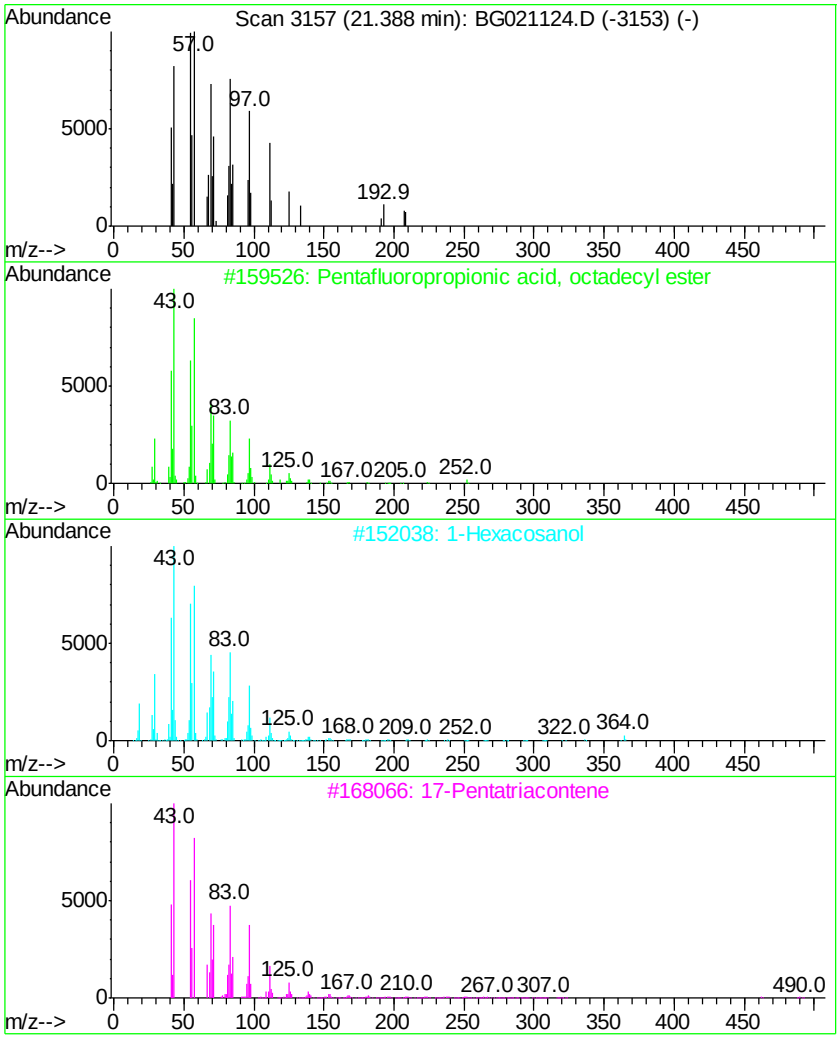
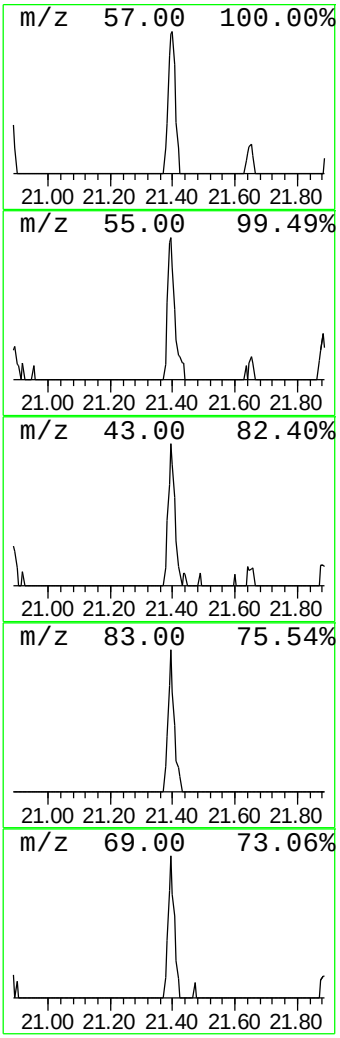
Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	3.60 ng	30286	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	813.7	ng	1761960	1	8.16	43309	20.0
2-Pentanone, 4-hy...	5.26	27.3	ng	59201	1	8.16	43309	20.0
unknown7.70	7.70	153.4	ng	332238	1	8.16	43309	20.0
Pentadecane	16.46	2.8	ng	18910	4	17.50	137693	20.0
Benzeneethanamine...	20.77	10.2	ng	86096	5	21.77	168395	20.0
Pentafluoropropio...	21.39	3.6	ng	30286	5	21.77	168395	20.0