LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021125.D
Acq On : 27 Feb 2016 21:39
Operator : UM/SJ
Sample : H1565-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(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	3.084	37	42	62	rVV	928150	1334034	100.00%	29.275%
2	3.231	62	67	77	rVB2	12490	23065	1.73%	0.506%
3	5.258	406	412	420	rBV	28408	44117	3.31%	0.968%
4	5.722	484	491	498	rBB	137299	221125	16.58%	4.853%
5	7.309	754	761	769	rBB	154072	257656	19.31%	5.654%
6	7.696	820	827	834	rBB	144890	240976	18.06%	5.288%
7	8.166	902	907	913	rBB	25322	39194	2.94%	0.860%
8	8.490	956	962	969	rBB	96500	161196	12.08%	3.537%
9	9.330	1098	1105	1113	rBB	92232	158634	11.89%	3.481%
10	10.975	1379	1385	1392	rBB	35888	61311	4.60%	1.345%
11	13.402	1791	1798	1804	rBV	235762	342143	25.65%	7.508%
12	14.218	1931	1937	1943	rBB	27435	37560	2.82%	0.824%
13	14.771	2025	2031	2037	rBB2	59974	91449	6.86%	2.007%
14	16.251	2276	2283	2290	rBB	223947	328589	24.63%	7.211%
15	17.508	2491	2497	2503	rVB	92432	131567	9.86%	2.887%
16	18.372	2640	2644	2656	rBV	22803	29393	2.20%	0.645%
17	20.100	2932	2938	2943	rBV	535205	695135	52.11%	15.255%
18	20.769	3047	3052	3058	rBV	19797	34384	2.58%	0.755%
19	21.392	3154	3158	3165	rBV2	21766	32194	2.41%	0.706%
20	21.768	3215	3222	3230	rBV	96975	157993	11.84%	3.467%
21	25.053	3771	3781	3792	rBV2	48241	135179	10.13%	2.966%

Sum of corrected areas: 4556894

LSC Report - Integrated Chromatogram

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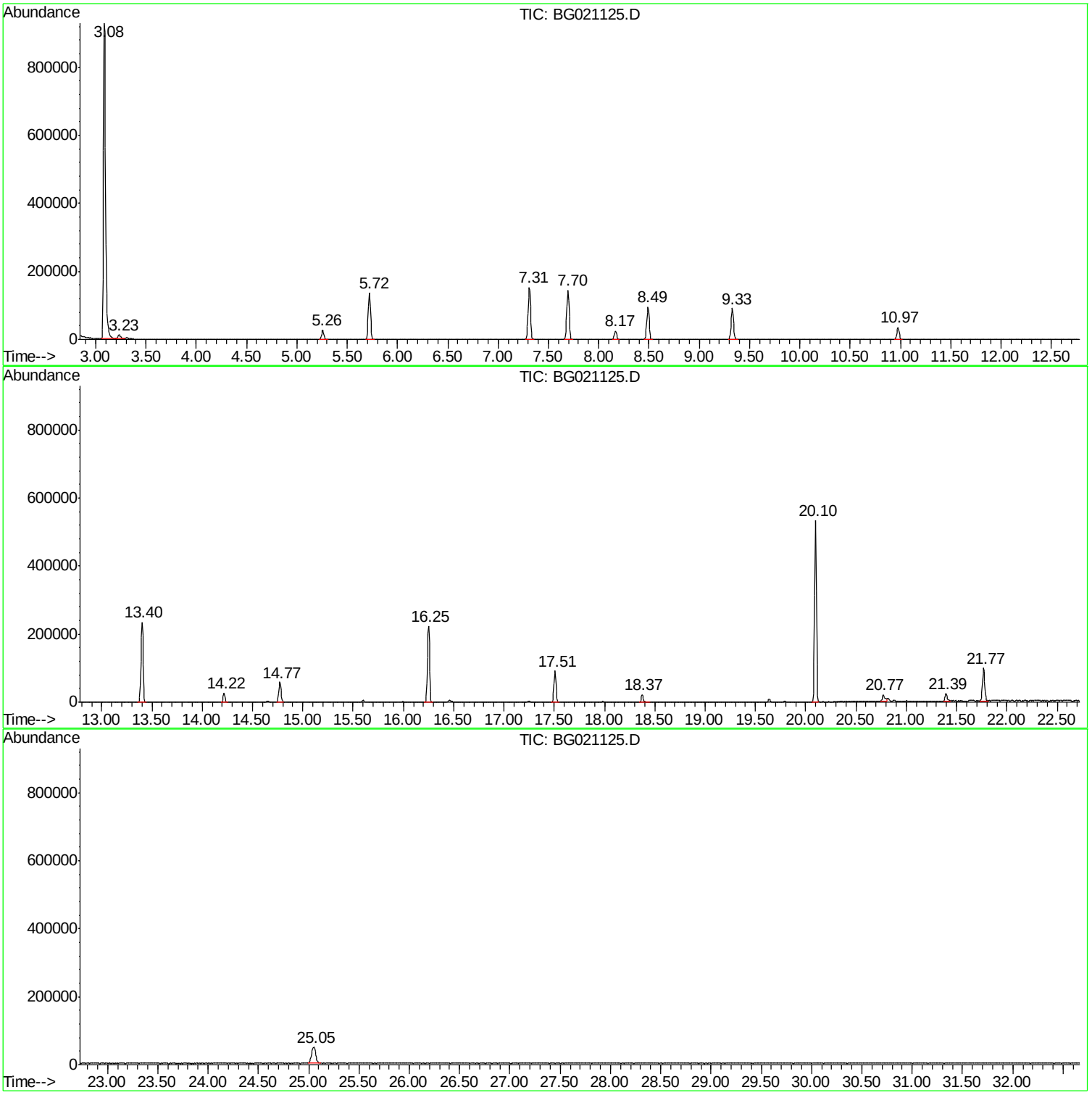
Instrument : BNA_G
ClientSampleId : CEB-5(12-14)20160223

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 21:39
Operator : UM/SJ
Sample : H1565-09
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-5(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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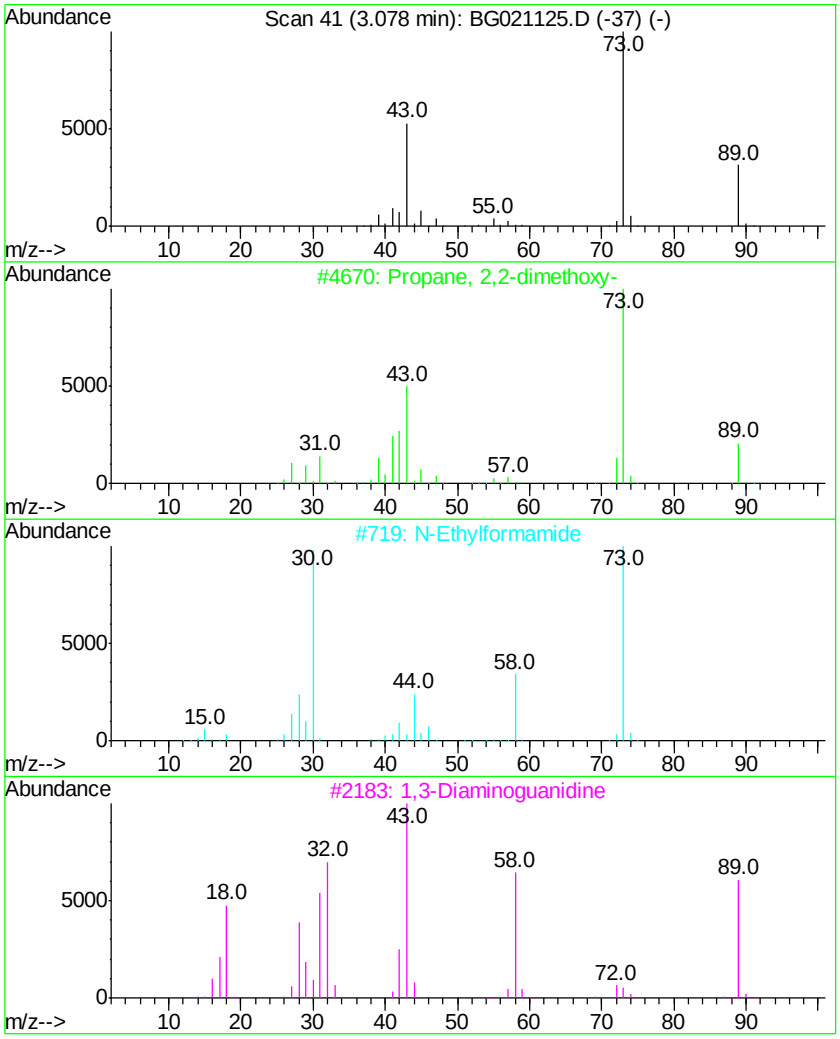
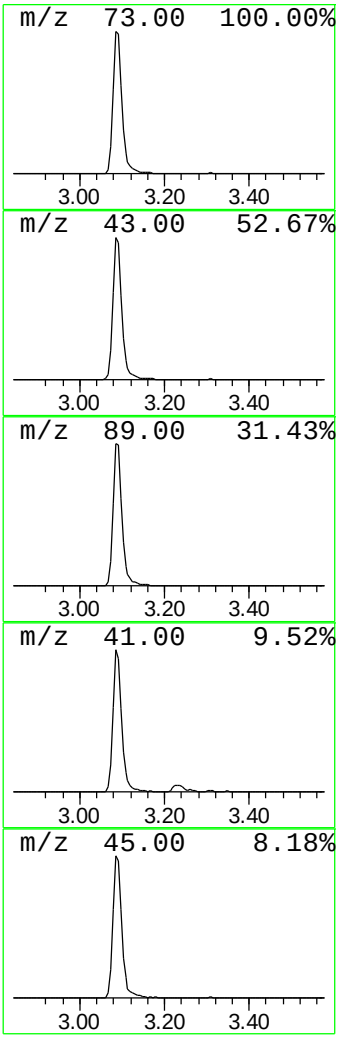
Peak Number 1 unknown3.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	680.73 ng	1334030	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	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021125.D
Acq On : 27 Feb 2016 21:39
Operator : UM/SJ
Sample : H1565-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(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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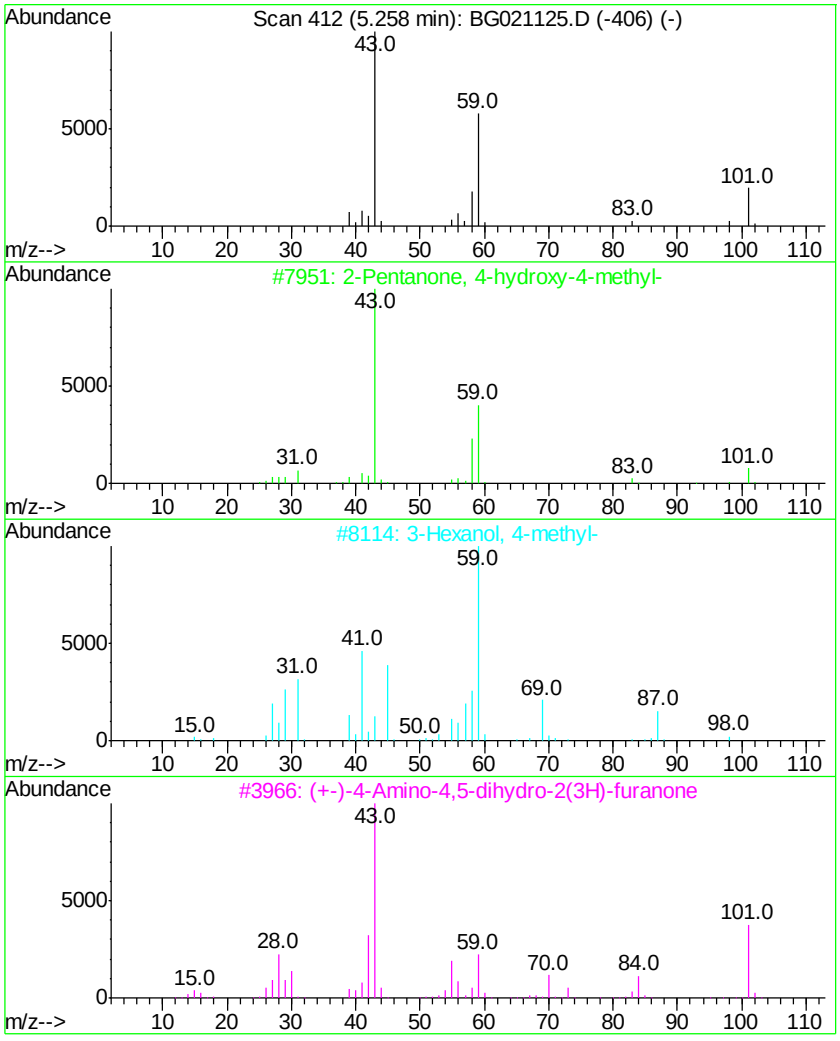
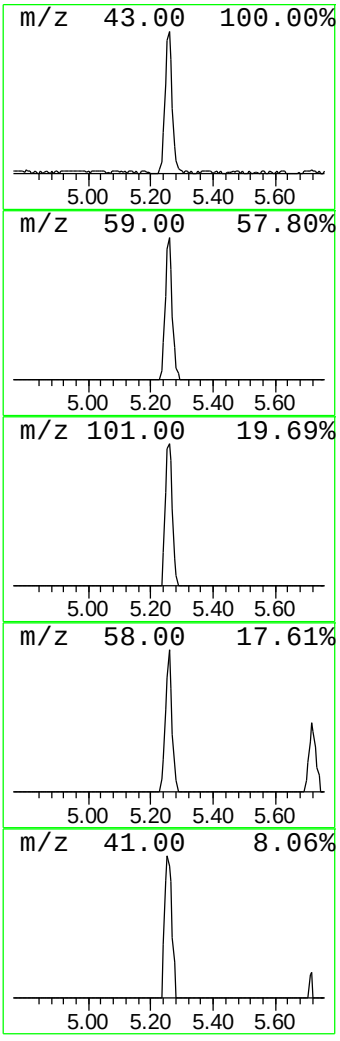
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	22.51 ng	44117	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BG021125.D
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Operator : UM/SJ
Sample : H1565-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-5(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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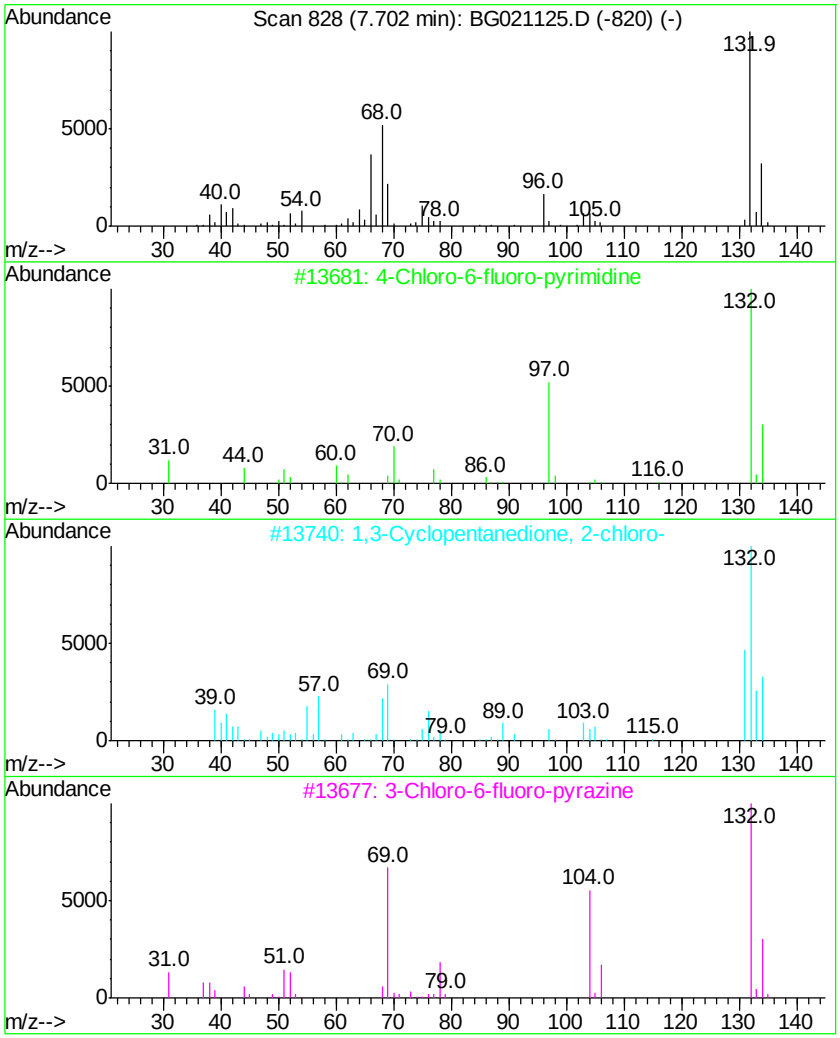
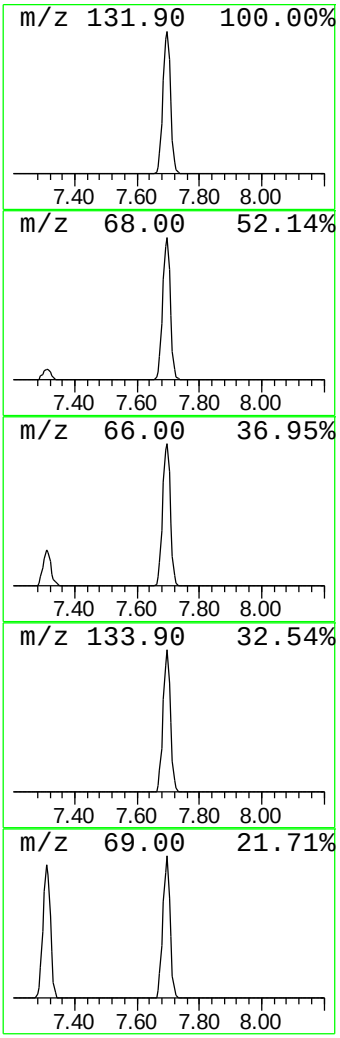
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	122.97 ng	240976	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	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : H1565-09
Misc :
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Instrument : BNA_G
ClientSampleId : CEB-5(12-14)20160223

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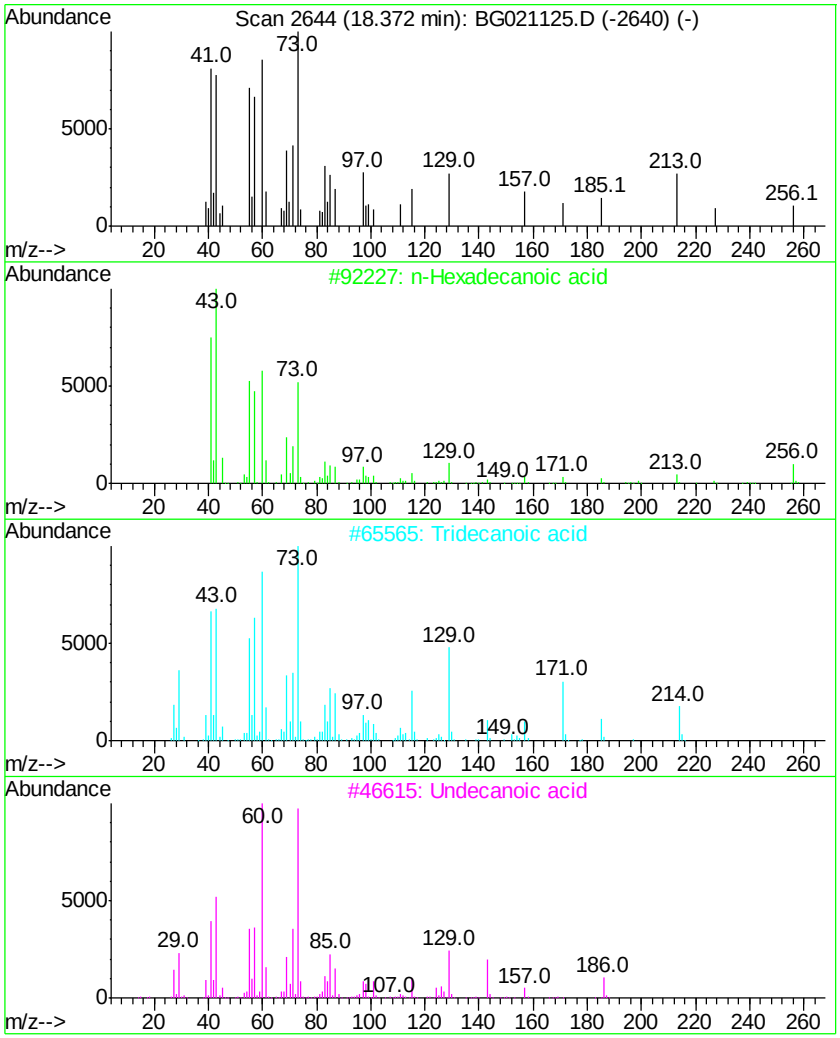
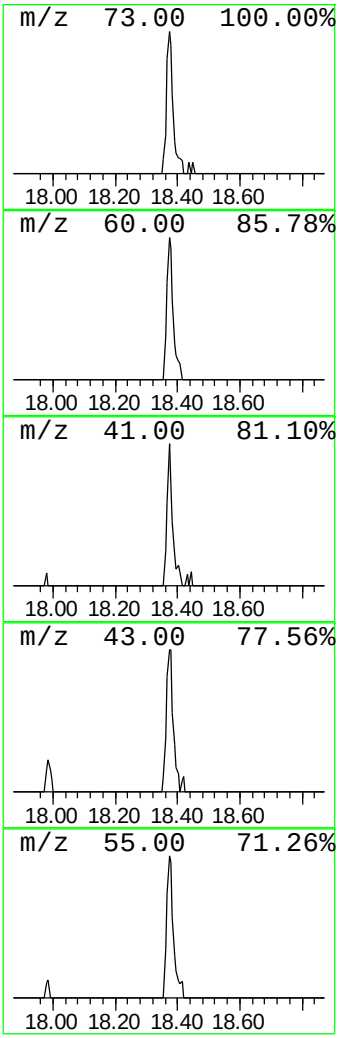
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.47 ng	29393	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument : BNA_G
ClientSampleId : CEB-5(12-14)20160223

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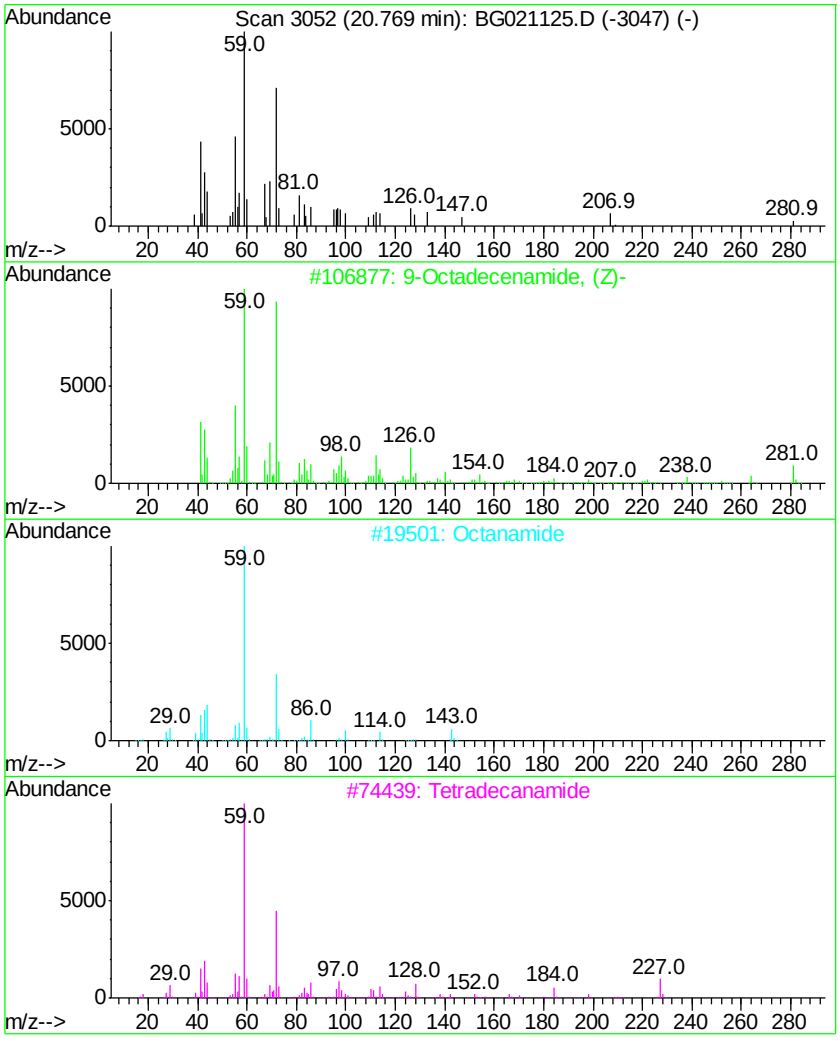
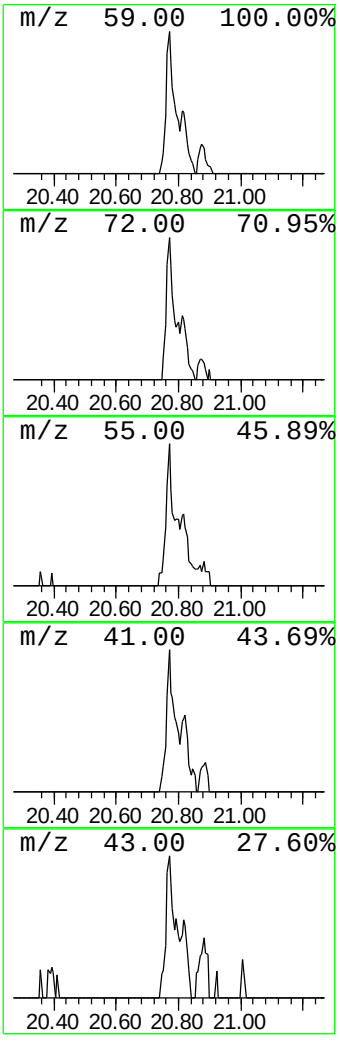
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	4.35 ng	34384	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
2	Octanamide	143	C8H17NO	000629-01-6	50
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	Dodecanamide	199	C12H25NO	001120-16-7	47
5	Hexadecanamide	255	C16H33NO	000629-54-9	45





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Instrument : BNA_G
ClientSampleId : CEB-5(12-14)20160223

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TIC Integration Parameters: LSCINT.P

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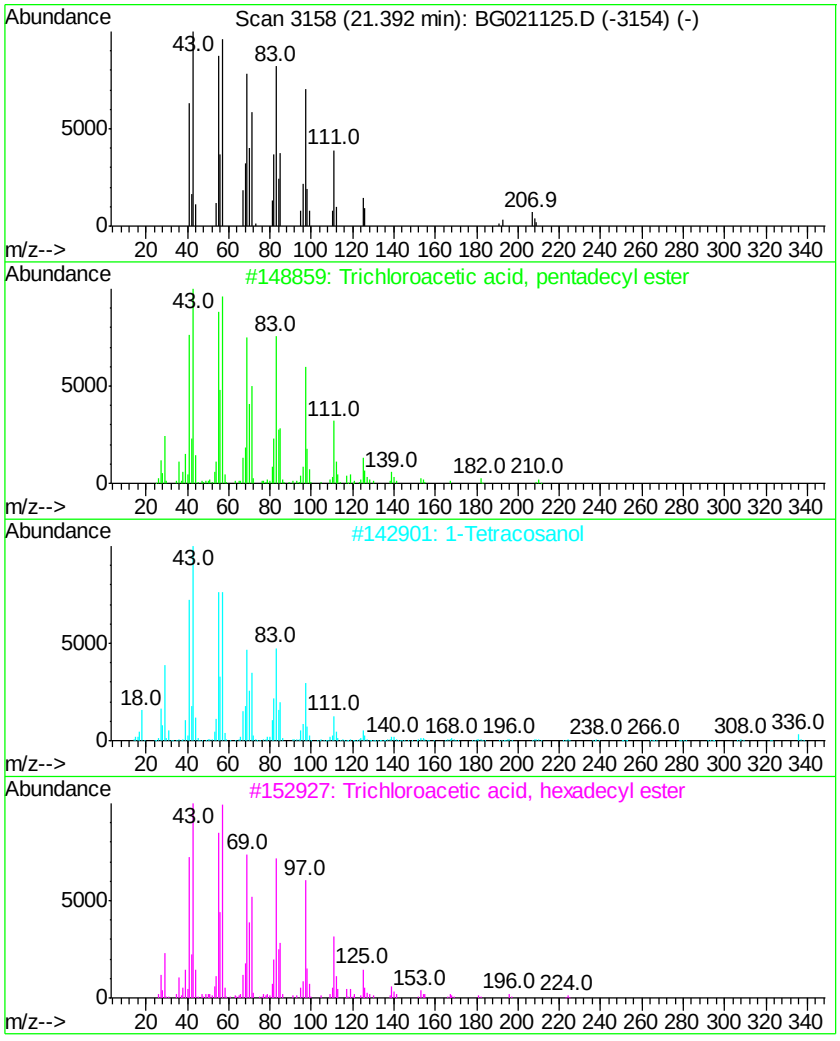
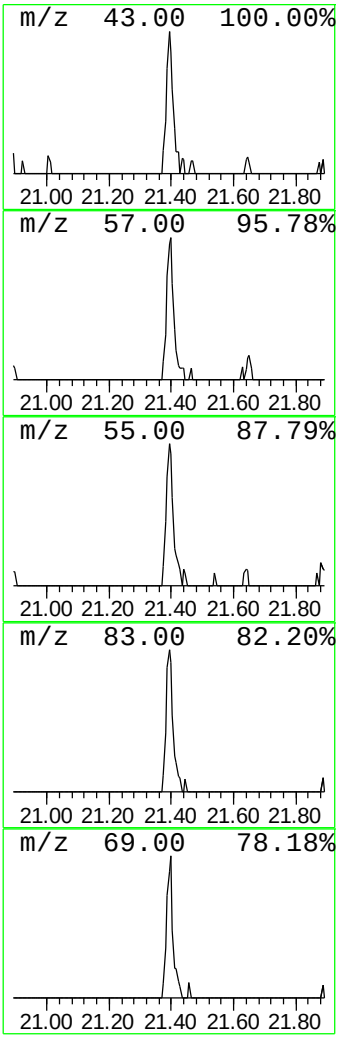
Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.08 ng	32194	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





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	680.7	ng	1334030	1	8.17	39194	20.0
2-Pentanone, 4-hy...	5.26	22.5	ng	44117	1	8.17	39194	20.0
unknown7.70	7.70	123.0	ng	240976	1	8.17	39194	20.0
n-Hexadecanoic acid	18.37	4.5	ng	29393	4	17.51	131567	20.0
9-Octadecenamide,...	20.77	4.3	ng	34384	5	21.77	157993	20.0
Trichloroacetic a...	21.39	4.1	ng	32194	5	21.77	157993	20.0