LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

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-BG050515.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	2.916	34	39	48	rBV	308990	509370	11.63%	2.175%
2	2.993	48	52	63	rVB	635377	778946	17.79%	3.325%
3	4.914	374	379	387	rVB	36202	54835	1.25%	0.234%
4	5.372	451	457	465	rBV	503311	719211	16.42%	3.070%
5	6.959	720	727	735	rBV	335163	522509	11.93%	2.231%
6	7.323	783	789	798	rBV	946876	1475459	33.69%	6.299%
7	7.793	862	869	875	rVB	231194	368445	8.41%	1.573%
8	8.110	916	923	931	rVB	787092	1278184	29.19%	5.457%
9	8.951	1057	1066	1075	rBV	766402	1255324	28.66%	5.359%
10	10.584	1338	1344	1352	rBV	337930	554366	12.66%	2.367%
11	13.052	1755	1764	1776	rBV	1971015	2830427	64.63%	12.084%
12	14.432	1991	1999	2007	rBV2	543667	825907	18.86%	3.526%
13	15.919	2245	2252	2263	rBV	1834999	2580576	58.92%	11.017%
14	16.935	2422	2425	2429	rBV2	42939	46920	1.07%	0.200%
15	17.176	2459	2466	2473	rBV2	708343	1062244	24.25%	4.535%
16	18.069	2613	2618	2626	rBV	251210	375182	8.57%	1.602%
17	19.350	2832	2836	2843	rBV	224432	320924	7.33%	1.370%
18	19.803	2907	2913	2920	rBV	3551066	4379519	100.00%	18.697%
19	21.066	3124	3128	3135	rVB2	132099	172065	3.93%	0.735%
20	21.266	3158	3162	3169	rVB	533750	602716	13.76%	2.573%
21	21.348	3171	3176	3183	rVB	891356	1094125	24.98%	4.671%
22	22.511	3368	3374	3379	rBV	386317	584067	13.34%	2.494%
23	23.645	3560	3567	3574	rBV2	517169	1032165	23.57%	4.407%

Sum of corrected areas: 23423486

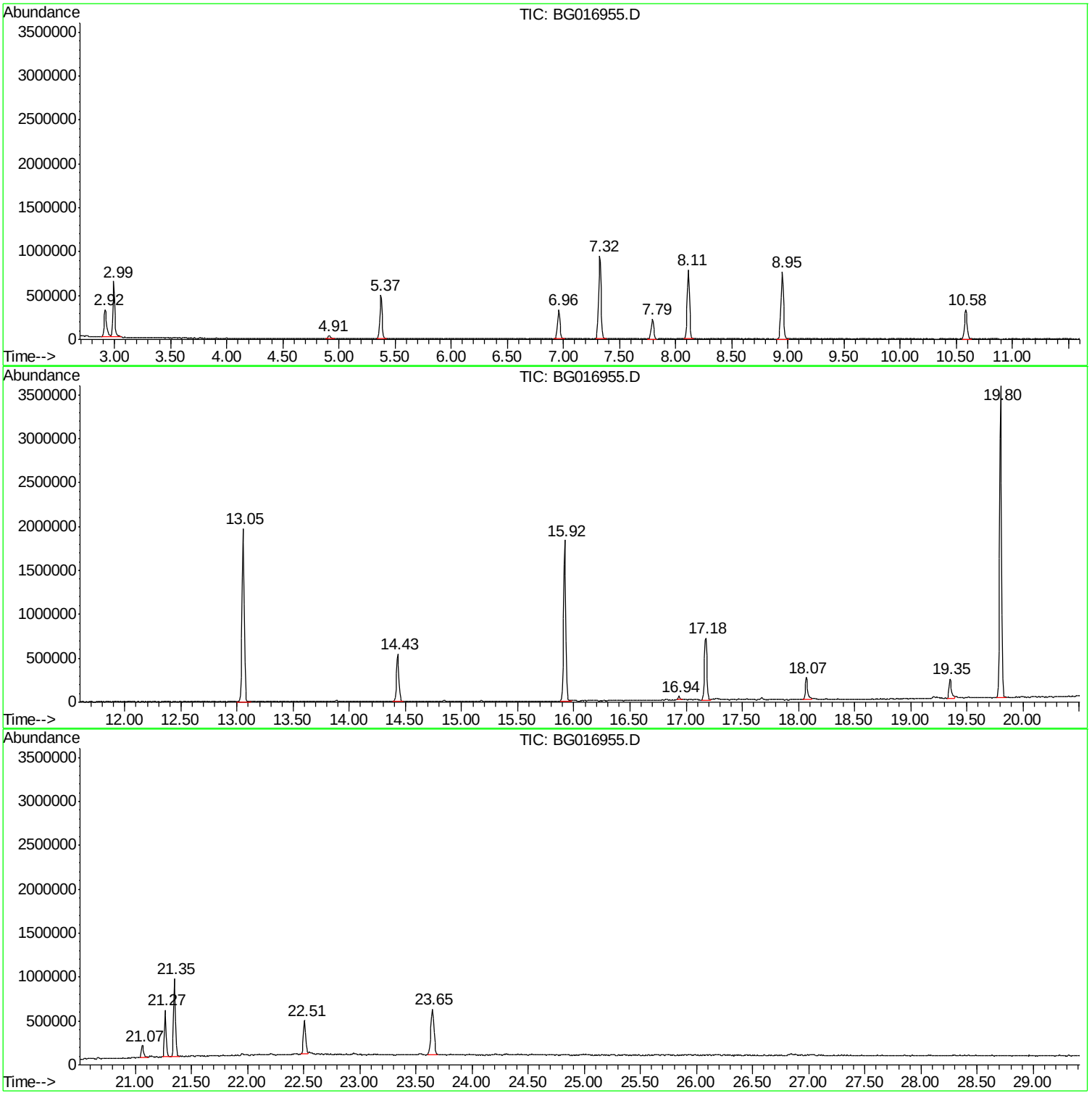
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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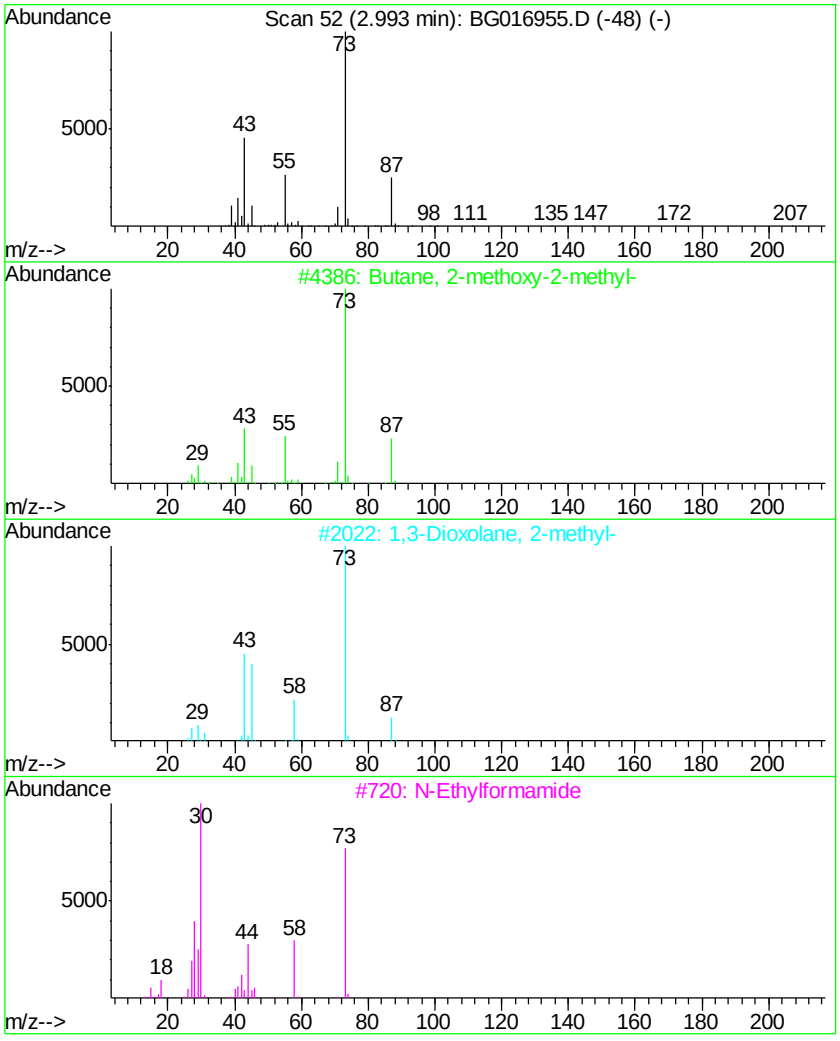
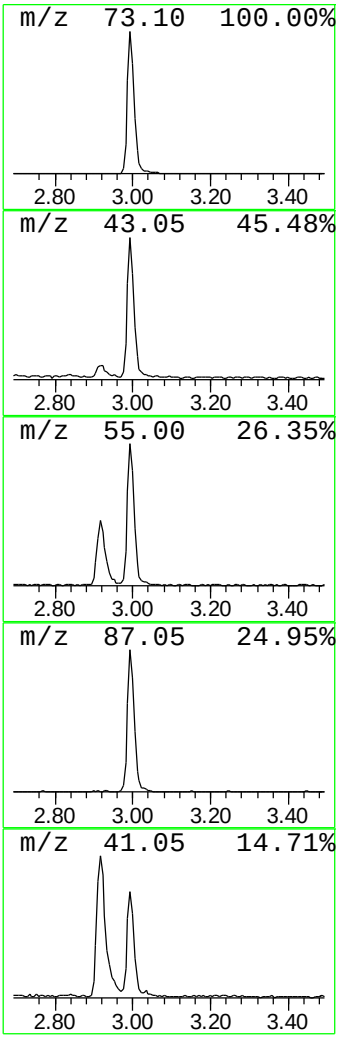
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	42.28 ng	778946	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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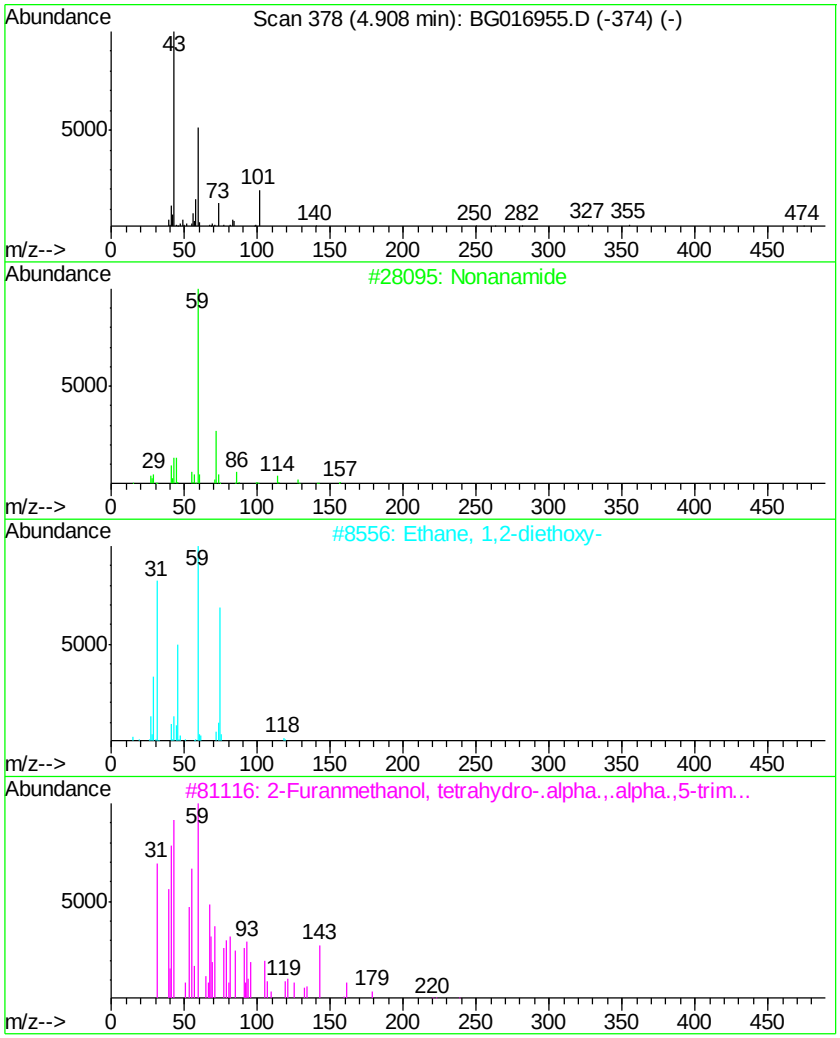
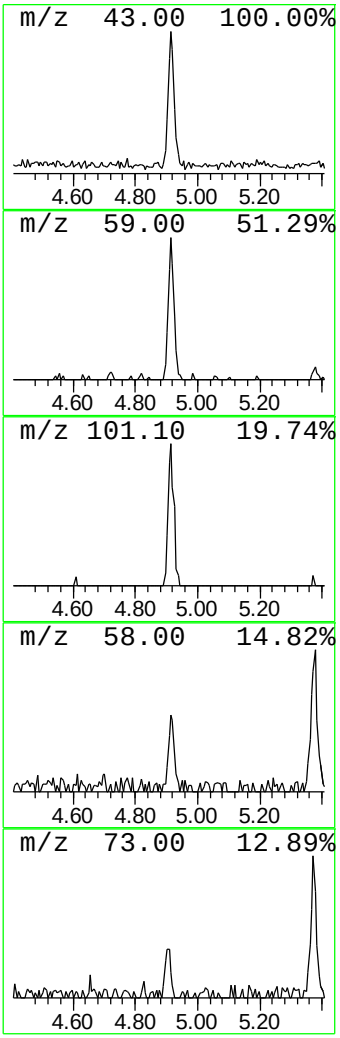
Peak Number 3 unknown4.91 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.98 ng	54835	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanamide	157	C9H19NO	001120-07-6	25
2	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	25
3	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	17
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	9
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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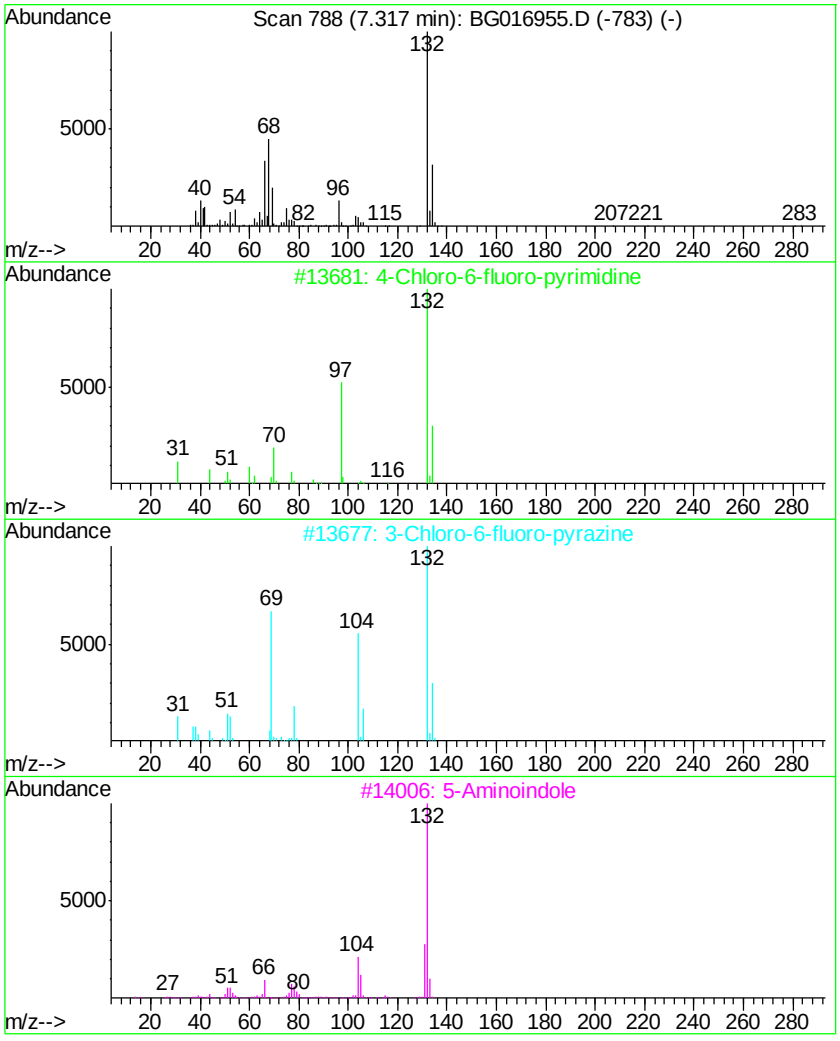
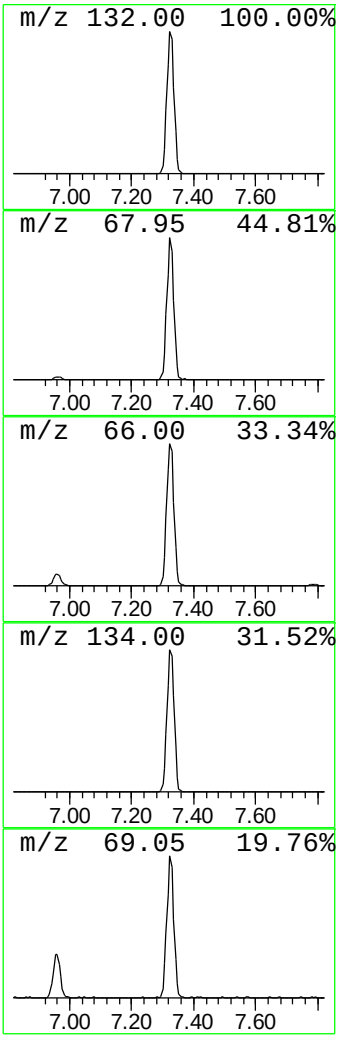
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	80.09 ng	1475460	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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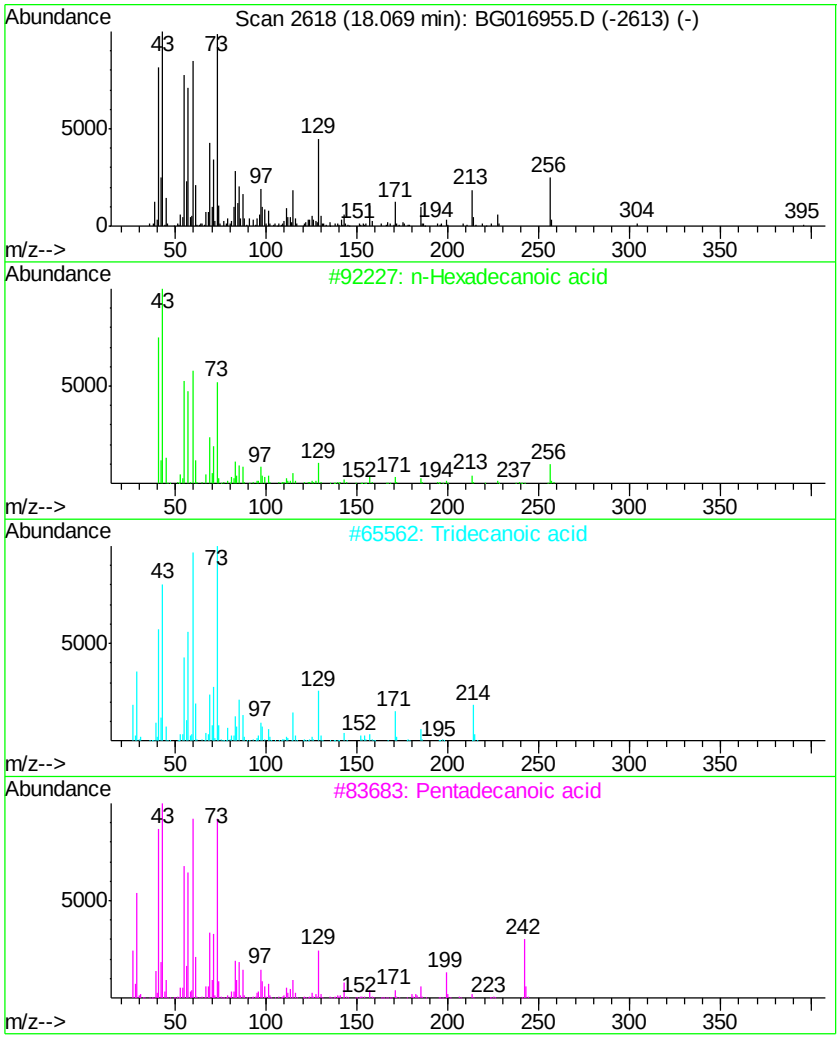
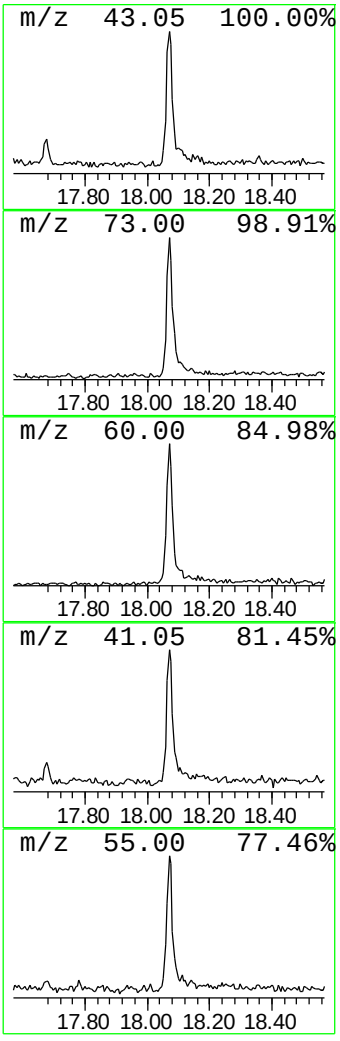
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.06 ng	375182	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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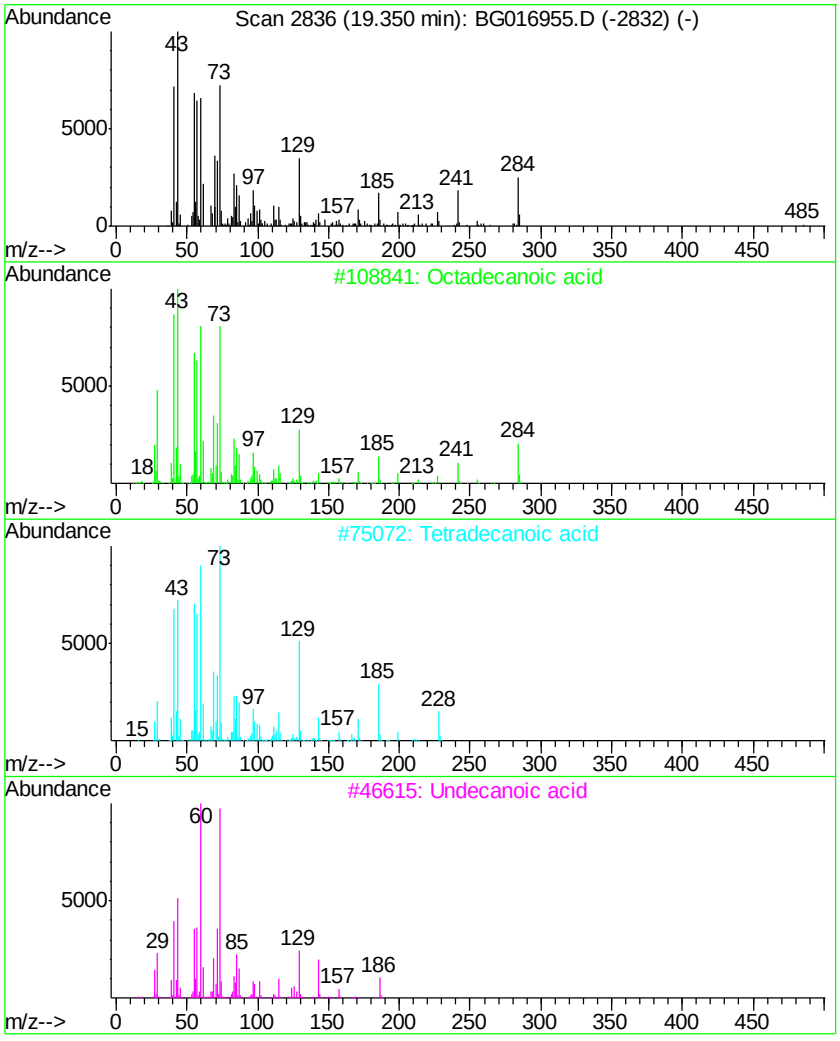
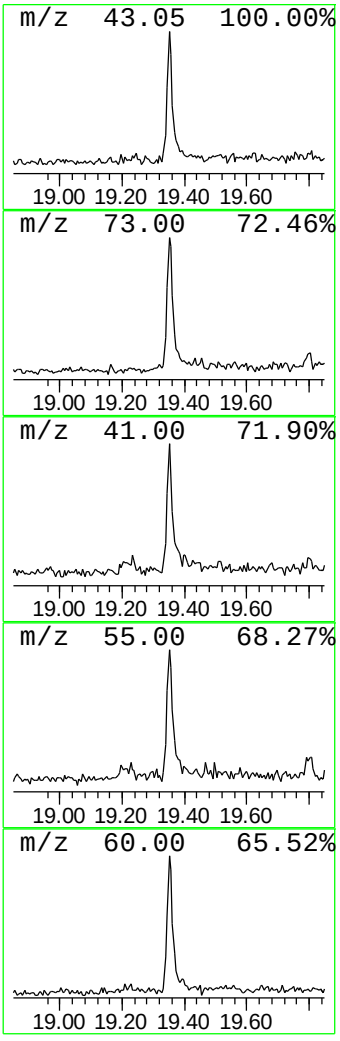
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	5.87 ng	320924	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47





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Data File : BG016955.D
Acq On : 8 May 2015 14:14
Operator : TP/IZ
Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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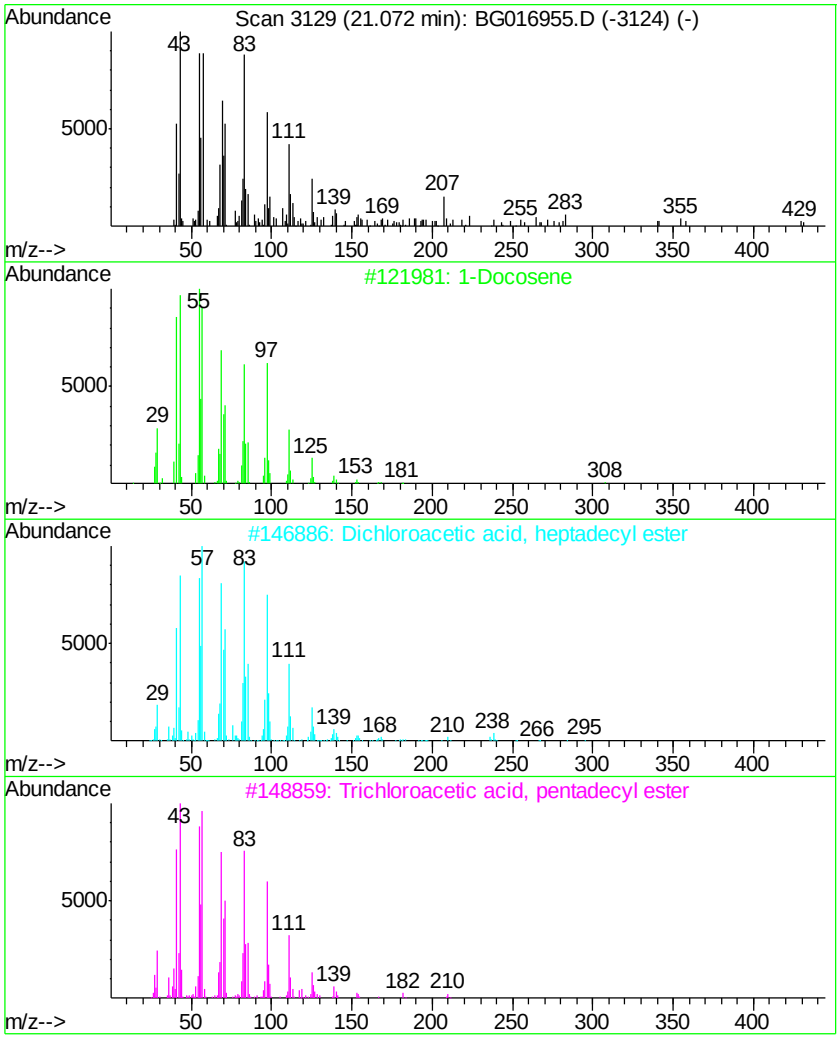
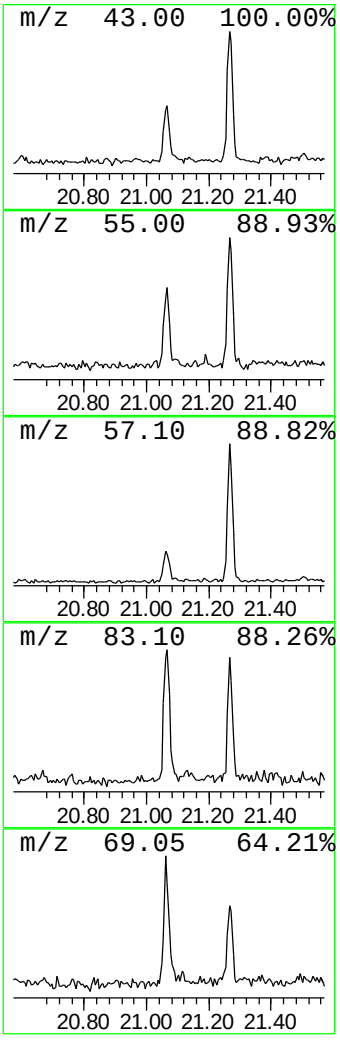
Peak Number 8 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.15 ng	172065	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Tricosanol	340	C23H48O	003133-01-5	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Sample : G2058-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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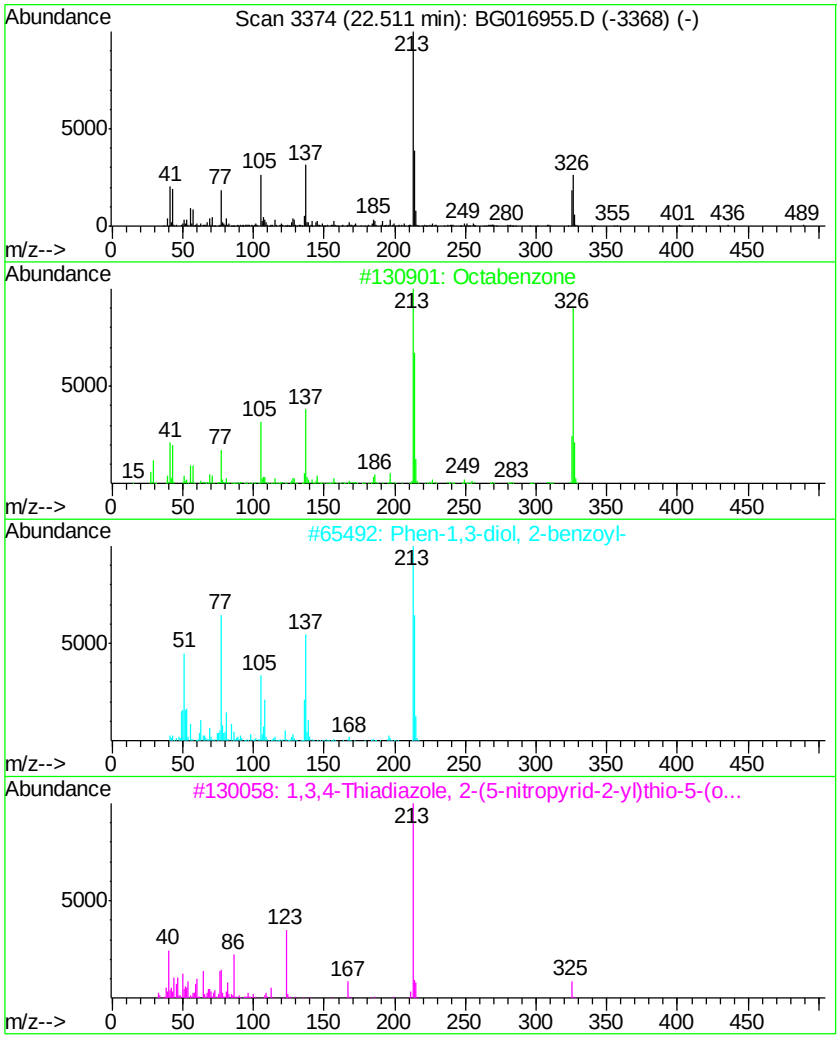
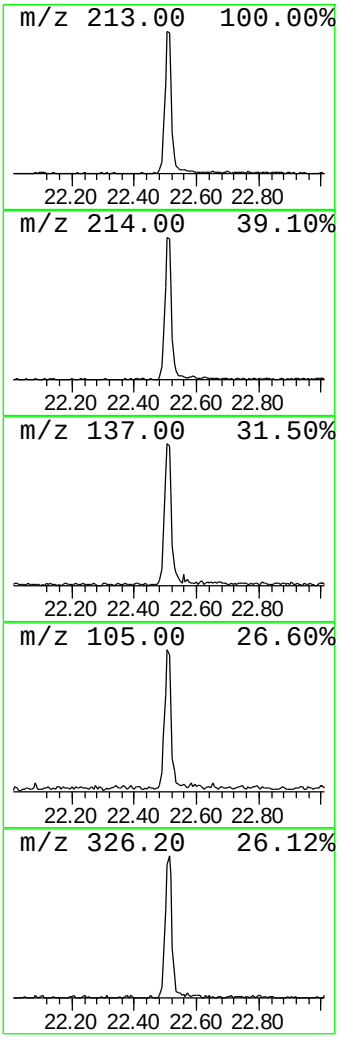
Peak Number 9 Octabenzone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	11.32 ng	584067	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	93
2	Phen-1,3-diol, 2-benzoyl-	214	C13H10O3	063411-81-4	23
3	1,3,4-Thiadiazole, 2-(5-nitropyr...	325	C10H7N5O4S2	1000260-74-4	17
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	17
5	Harmaline	214	C13H14N2O	000304-21-2	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016955.D
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Sample : G2058-01
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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
Butane, 2-methoxy...	2.99	42.3	ng	778946	1	7.79	368445	20.0
unknown4.91	4.91	3.0	ng	54835	1	7.79	368445	20.0
unknown7.32	7.32	80.1	ng	1475460	1	7.79	368445	20.0
n-Hexadecanoic acid	18.07	7.1	ng	375182	4	17.18	1062240	20.0
Octadecanoic acid	19.35	5.9	ng	320924	5	21.35	1094130	20.0
1-Docosene	21.07	3.1	ng	172065	5	21.35	1094130	20.0
Octabenzone	22.51	11.3	ng	584067	6	23.65	1032170	20.0