LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

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-BG042315.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	2.724	3	6	11	rVB	96935	117371	5.13%	0.838%
2	3.740	175	179	188	rVB	21437	32222	1.41%	0.230%
3	4.686	334	340	346	rBV	113935	159364	6.96%	1.138%
4	5.168	415	422	433	rBV	689753	964969	42.15%	6.892%
5	6.778	689	696	709	rBV	697755	1056441	46.14%	7.546%
6	7.113	744	753	763	rBV	777046	1152215	50.32%	8.230%
7	7.571	825	831	838	rBV	187674	285674	12.48%	2.040%
8	7.888	879	885	894	rVB	540919	878410	38.37%	6.274%
9	8.734	1022	1029	1038	rBV	416649	661047	28.87%	4.722%
10	10.356	1298	1305	1316	rBV	259539	437244	19.10%	3.123%
11	12.841	1721	1728	1742	rBV	1236105	1782501	77.85%	12.732%
12	13.576	1846	1853	1859	rBV	368576	501147	21.89%	3.579%
13	13.693	1867	1873	1881	rBV	60632	96237	4.20%	0.687%
14	14.228	1954	1964	1973	rVB2	419144	644597	28.15%	4.604%
15	15.051	2100	2104	2109	rBV	83013	111601	4.87%	0.797%
16	15.491	2172	2179	2184	rBV7	21224	47305	2.07%	0.338%
17	15.726	2212	2219	2226	rBV	805522	1161927	50.75%	8.299%
18	15.950	2252	2257	2259	rBV4	28731	45915	2.01%	0.328%
19	16.784	2396	2399	2409	rVB2	43323	84930	3.71%	0.607%
20	16.972	2426	2431	2437	rBV	497052	702845	30.70%	5.020%
21	17.877	2581	2585	2594	rBV	222743	368041	16.07%	2.629%
22	19.563	2868	2872	2875	rBV3	237077	418930	18.30%	2.992%
23	19.610	2876	2880	2885	rVB	1790290	2289602	100.00%	16.354%

Sum of corrected areas: 14000535

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016741.D
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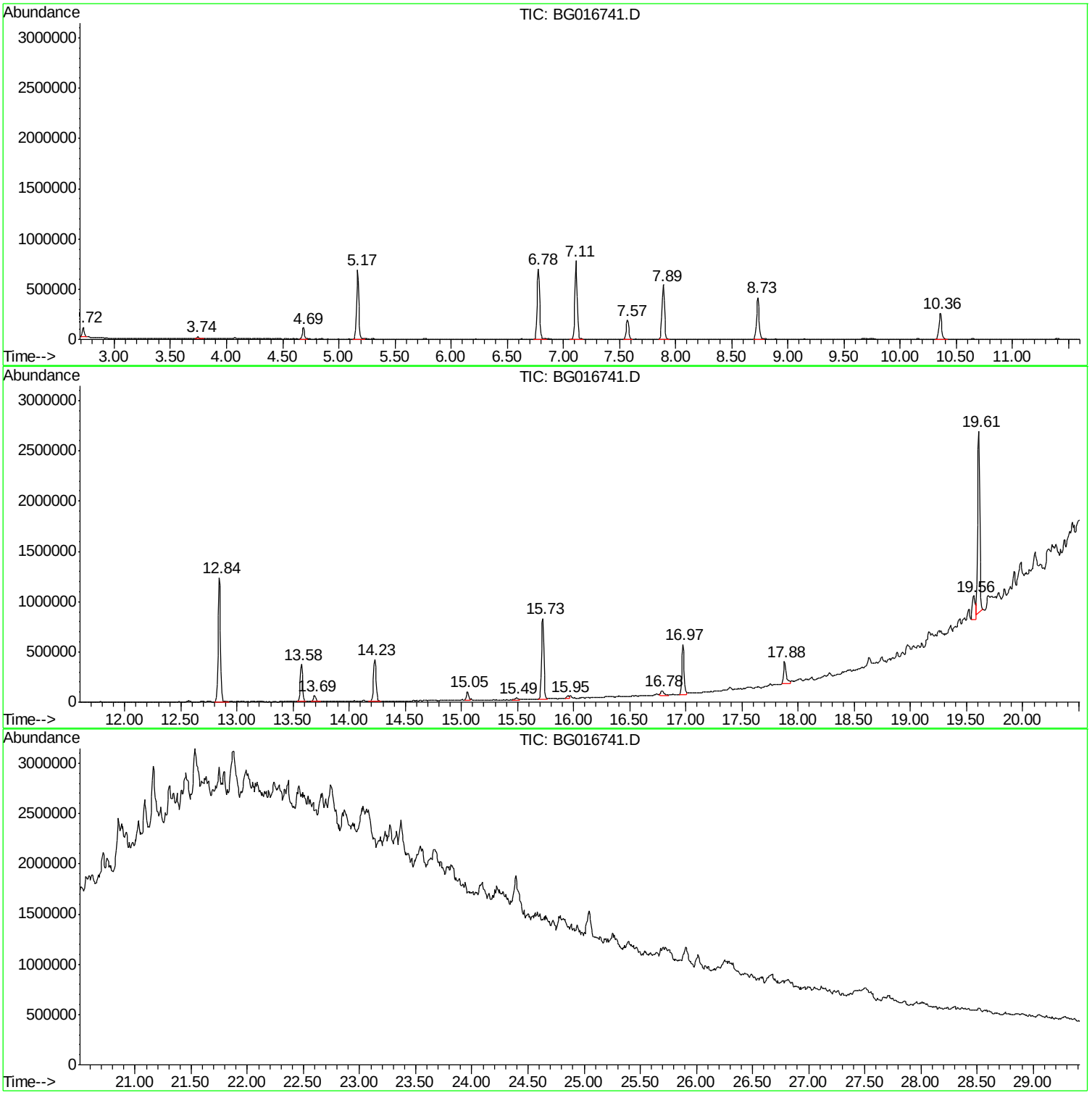
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042715\
Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

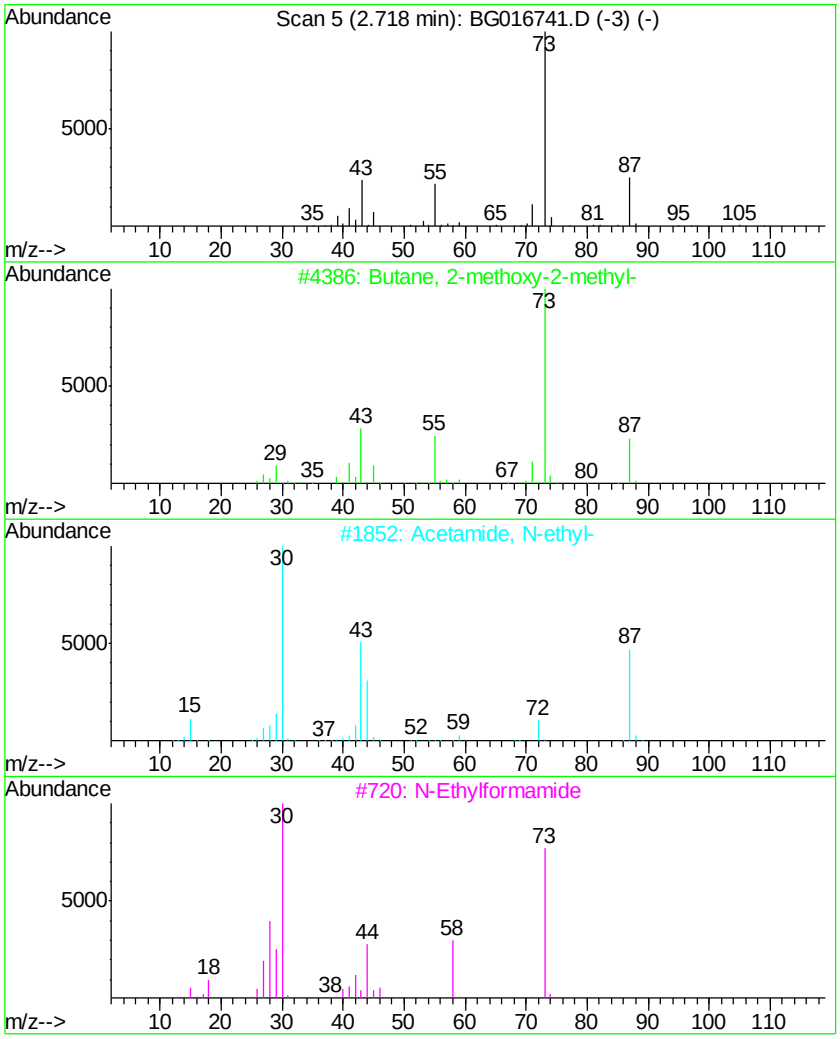
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

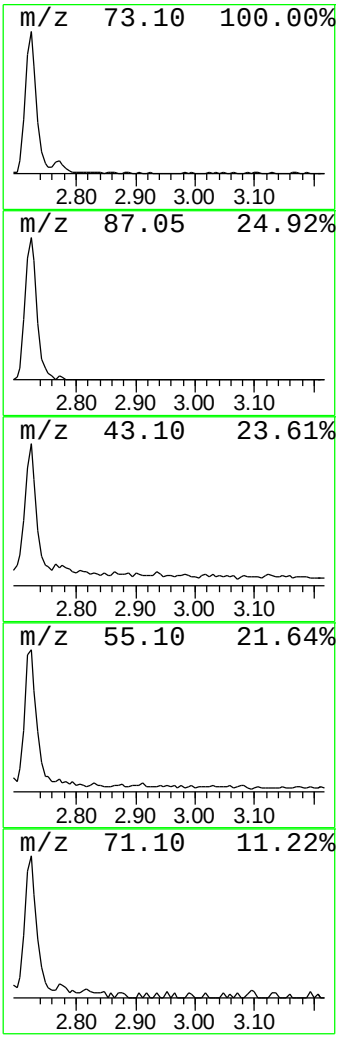
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	8.22 ng	117371	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7





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Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

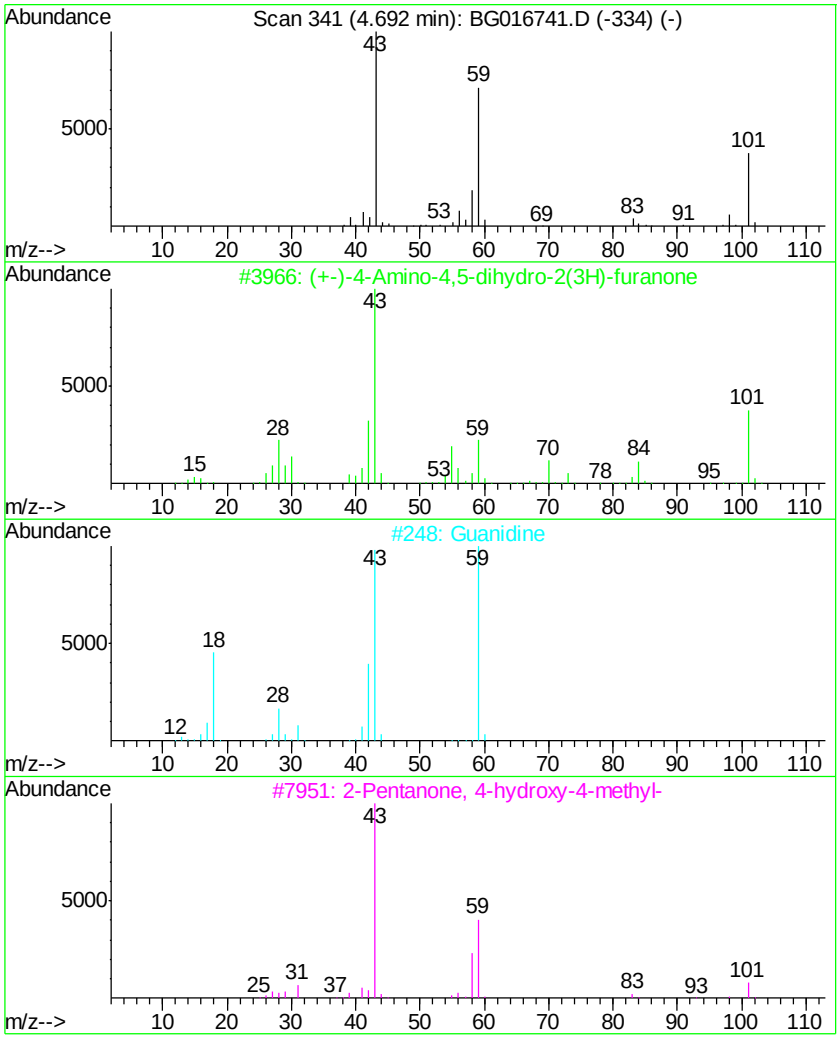
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

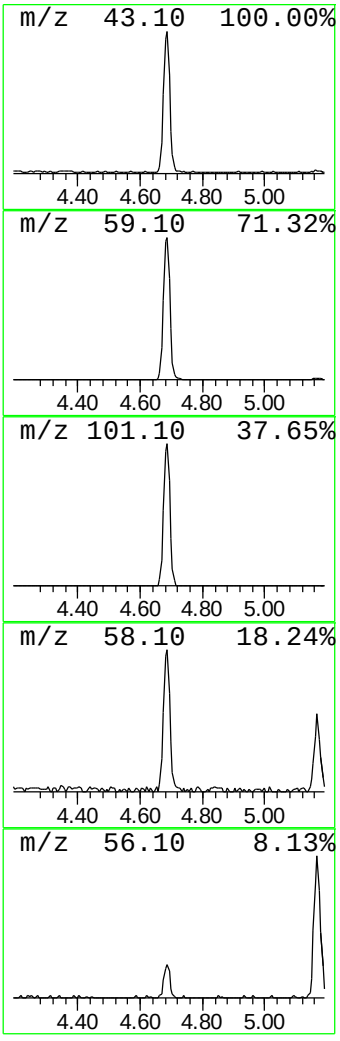
****

Peak Number 3 unknown4.69 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	11.16 ng	159364	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

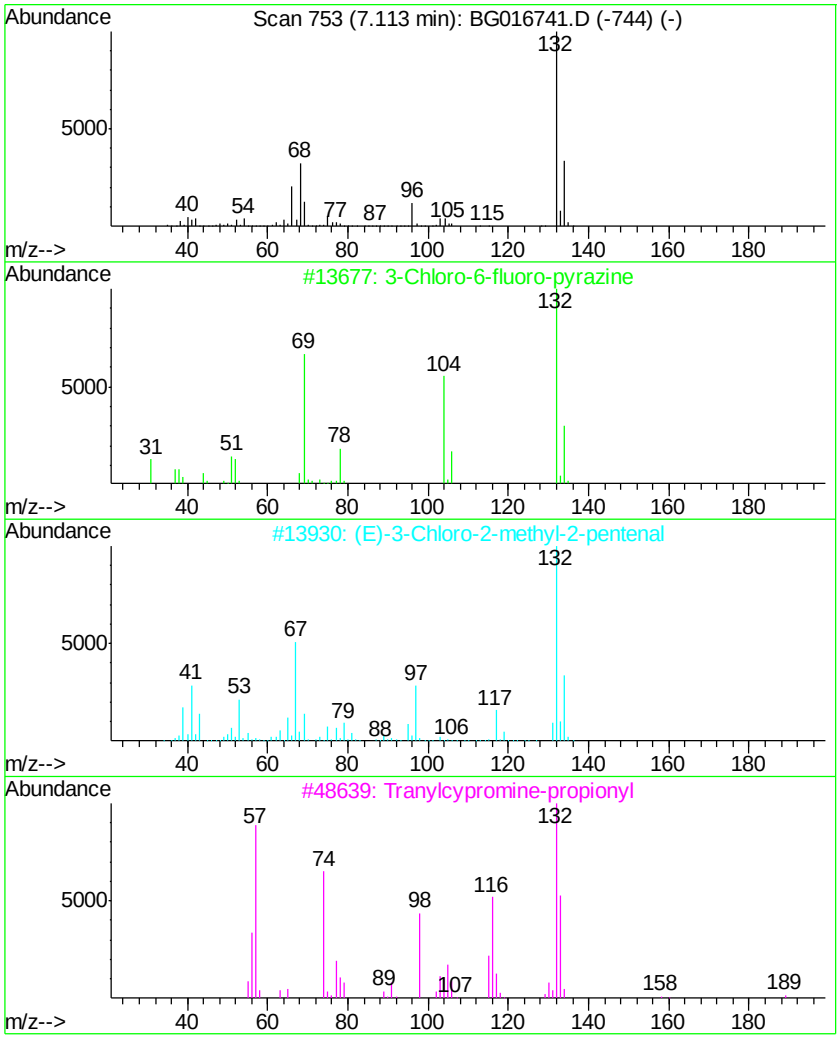
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

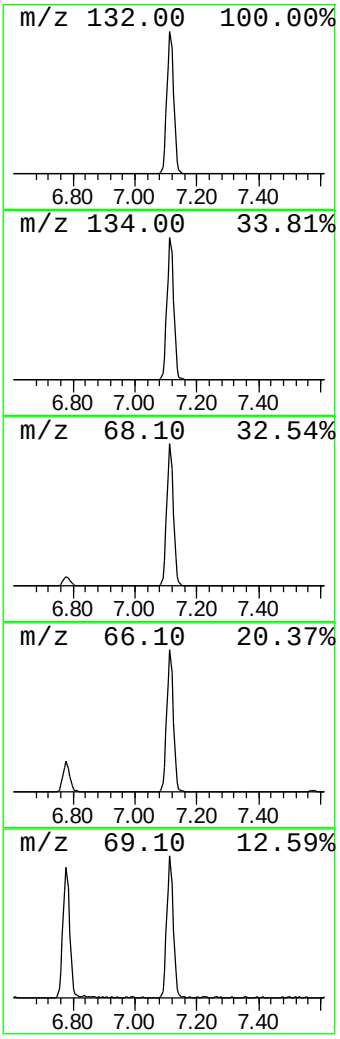
****

Peak Number 4 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	80.67 ng	1152220	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

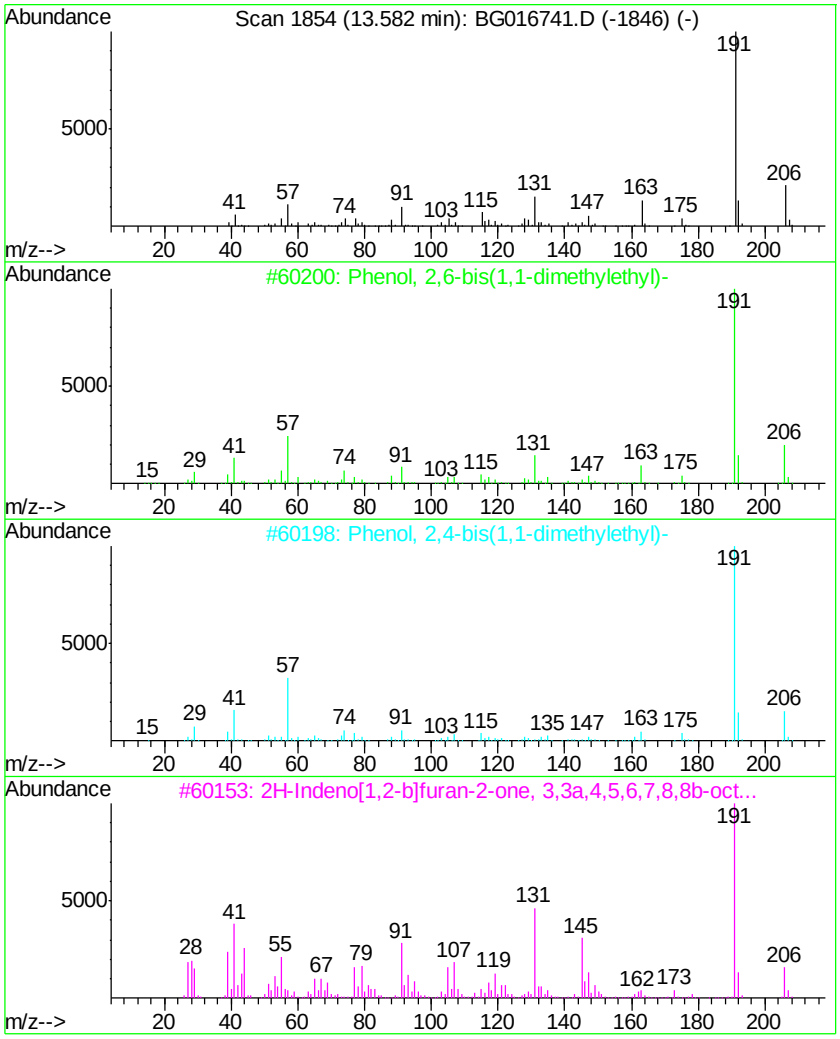
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

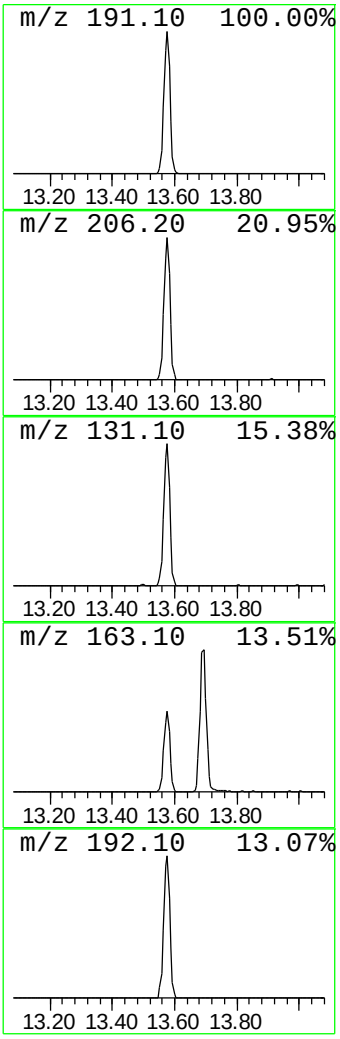
****

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	15.55 ng	501147	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	97
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	86
3	2H-Indeno[1,2-b]furan-2-one, 3,3...	206	C13H18O2	1000196-74-3	80
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	74
5	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016741.D
Acq On : 27 Apr 2015 19:36
Operator : TP/IZ
Sample : G1925-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

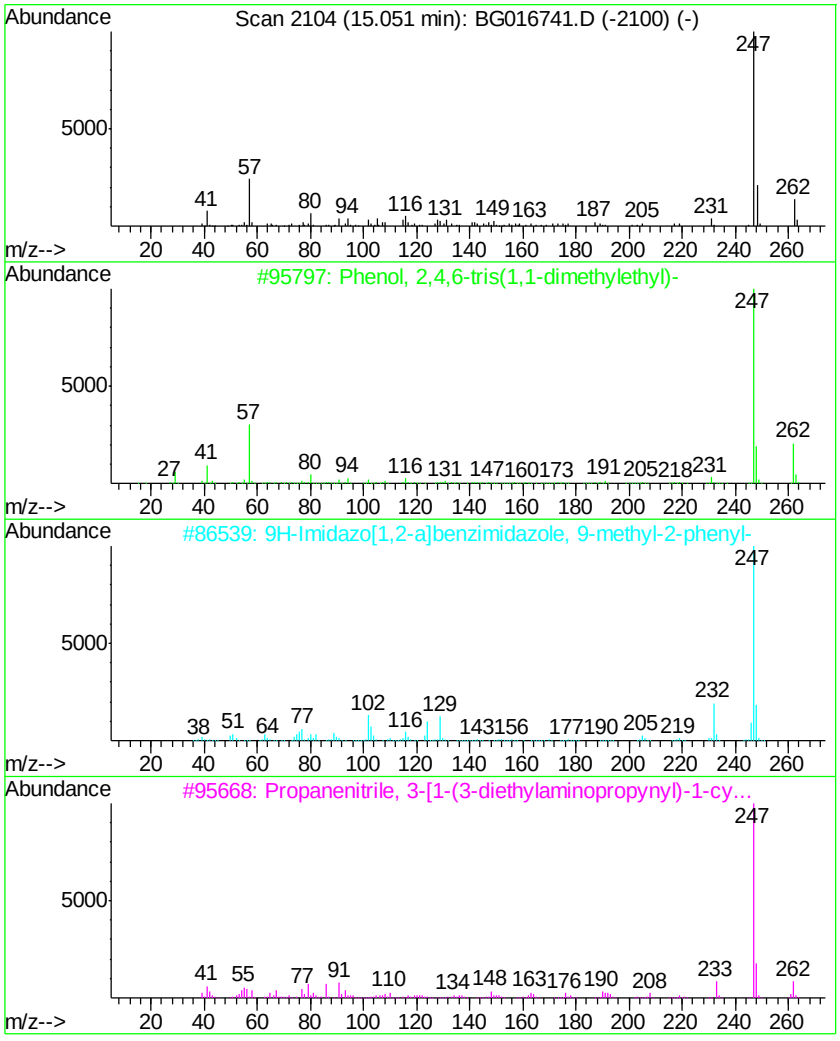
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

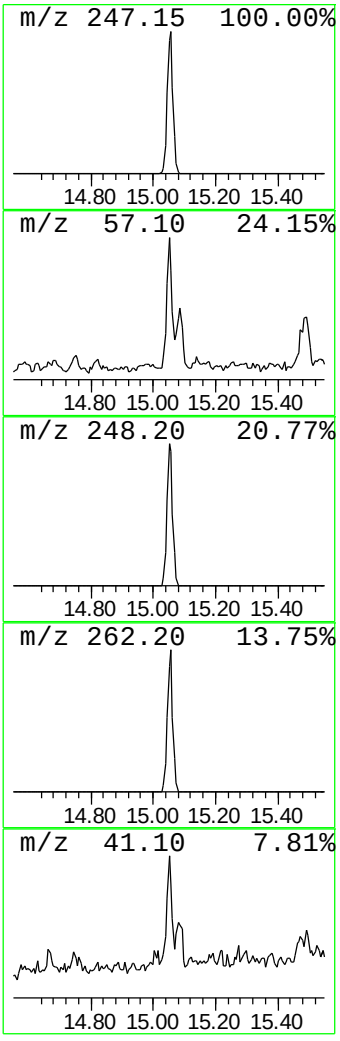
****

Peak Number 7 Phenol, 2,4,6-tris(1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.46 ng	111601	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-tris(1,1-dimethyle...	262	C18H30O	000732-26-3	95
2	9H-Imidazo[1,2-a]benzimidazole, ...	247	C16H13N3	021431-82-3	64
3	Propanenitrile, 3-[1-(3-diethyla...	262	C16H26N2O	1000271-09-5	64
4	4-Amino-2,6-diphenylpyrimidine	247	C16H13N3	041270-99-9	59
5	2-(Salicylideneamino)naphthalene	247	C17H13NO	001689-72-1	45





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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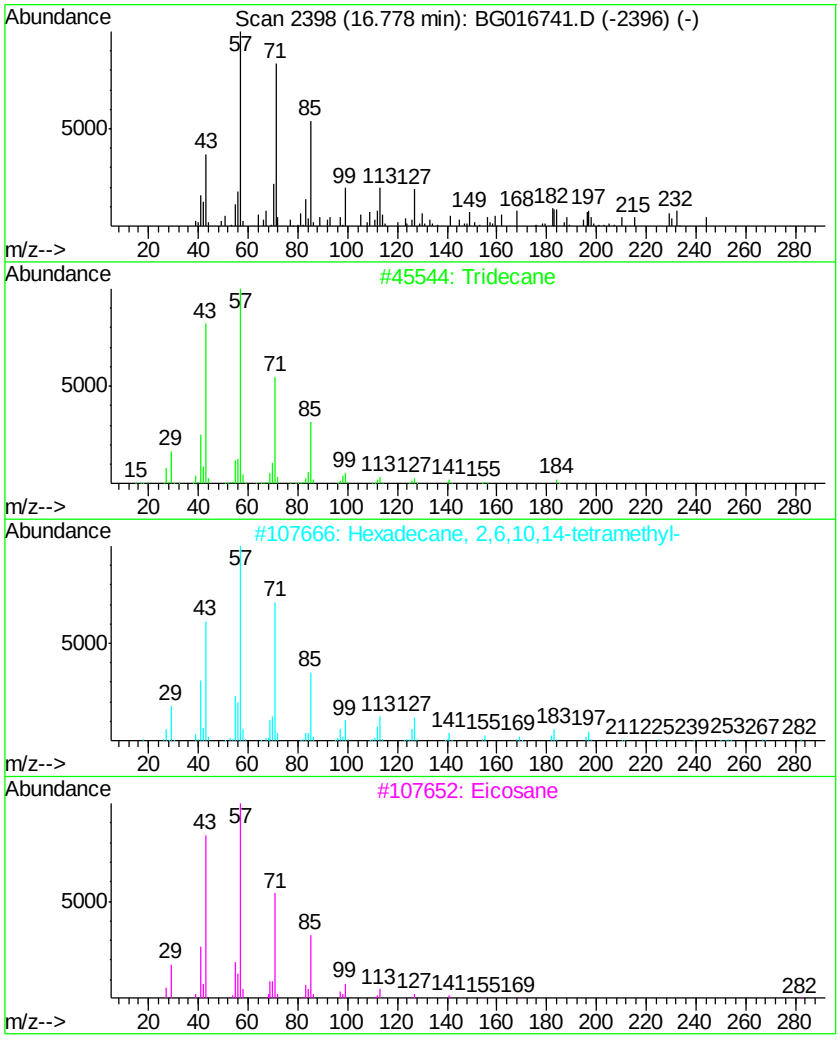
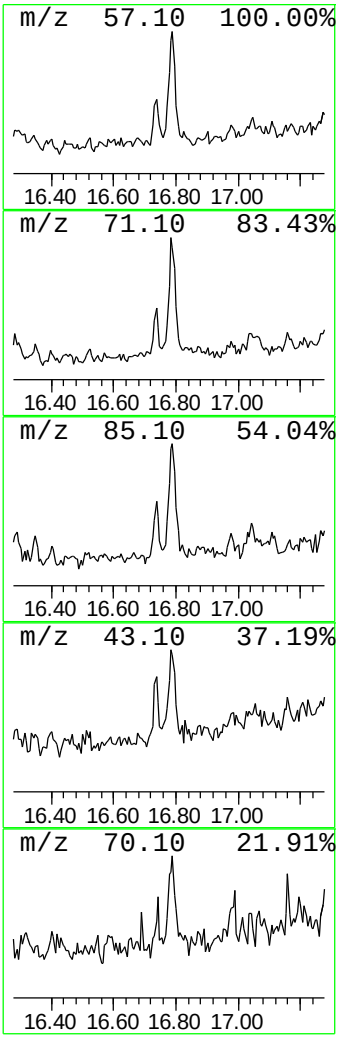
****

Peak Number 8 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	2.42 ng	84930	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Dodecane	170	C12H26	000112-40-3	64





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Misc :
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Instrument : BNA_G
ClientSampleId : AS-16(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

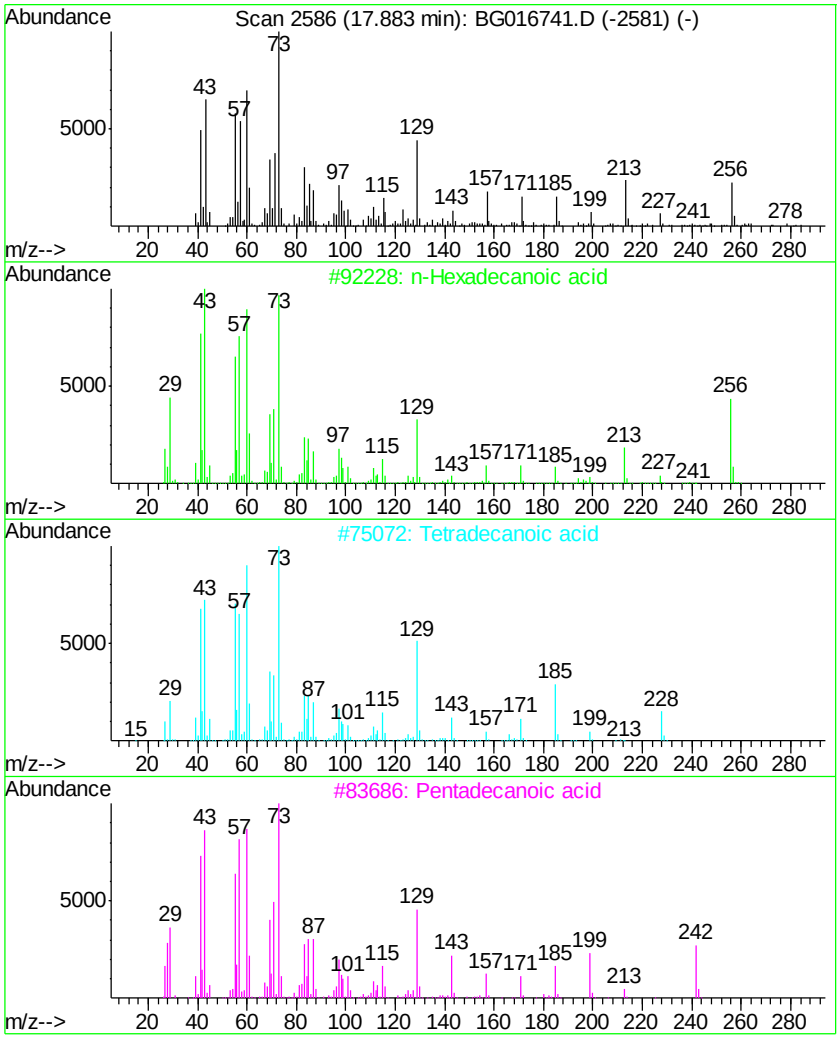
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

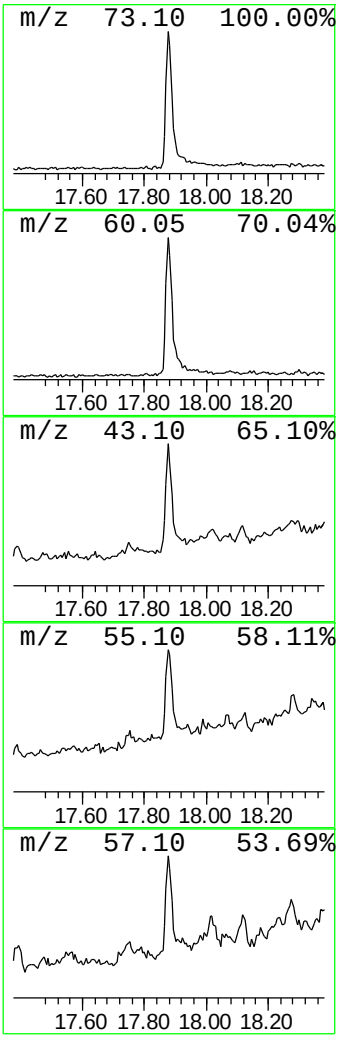
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	10.47 ng	368041	Phenanthrene-d10	16.97

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	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
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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...	2.72	8.2	ng	117371	1	7.57	285674	20.0
unknown4.69	4.69	11.2	ng	159364	1	7.57	285674	20.0
unknown7.11	7.11	80.7	ng	1152220	1	7.57	285674	20.0
Phenol, 2,6-bis(1...	13.58	15.6	ng	501147	3	14.23	644597	20.0
Phenol, 2,4,6-tri...	15.05	3.5	ng	111601	3	14.23	644597	20.0
Tridecane	16.78	2.4	ng	84930	4	16.97	702845	20.0
n-Hexadecanoic acid	17.88	10.5	ng	368041	4	16.97	702845	20.0