LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

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-BG040615.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	2.759	7	12	22	rBV	381221	629977	13.39%	2.486%
2	2.841	22	26	39	rVB	403783	521017	11.07%	2.056%
3	4.786	352	357	362	rVB	55889	76723	1.63%	0.303%
4	5.261	432	438	446	rBV	653508	928963	19.75%	3.666%
5	6.860	704	710	721	rBV	424137	639449	13.59%	2.523%
6	7.206	762	769	780	rBV	1289289	1972936	41.94%	7.785%
7	7.665	841	847	854	rVB	275779	435918	9.27%	1.720%
8	7.988	893	902	910	rVB	1122836	1747414	37.14%	6.895%
9	8.828	1037	1045	1052	rBV	900991	1461194	31.06%	5.766%
10	10.455	1314	1322	1332	rBV	417104	690232	14.67%	2.724%
11	12.929	1735	1743	1751	rBV	2430218	3604004	76.61%	14.221%
12	14.310	1971	1978	1988	rBV2	665356	1000648	21.27%	3.948%
13	15.802	2225	2232	2240	rBV	1755858	2428360	51.62%	9.582%
14	17.054	2439	2445	2451	rBV2	832213	1169725	24.86%	4.616%
15	17.171	2462	2465	2471	rVB6	55657	84280	1.79%	0.333%
16	17.953	2594	2598	2603	rBV4	39784	70351	1.50%	0.278%
17	18.470	2682	2686	2691	rBV	89482	118347	2.52%	0.467%
18	19.686	2887	2893	2898	rBV	3752452	4704482	100.00%	18.563%
19	20.391	3009	3013	3019	rVB3	89543	129995	2.76%	0.513%
20	21.231	3151	3156	3161	rBV	991368	1215680	25.84%	4.797%
21	21.760	3242	3246	3254	rVB2	339868	589769	12.54%	2.327%
22	23.464	3531	3536	3545	rVB	609089	1123802	23.89%	4.434%

Sum of corrected areas: 25343266

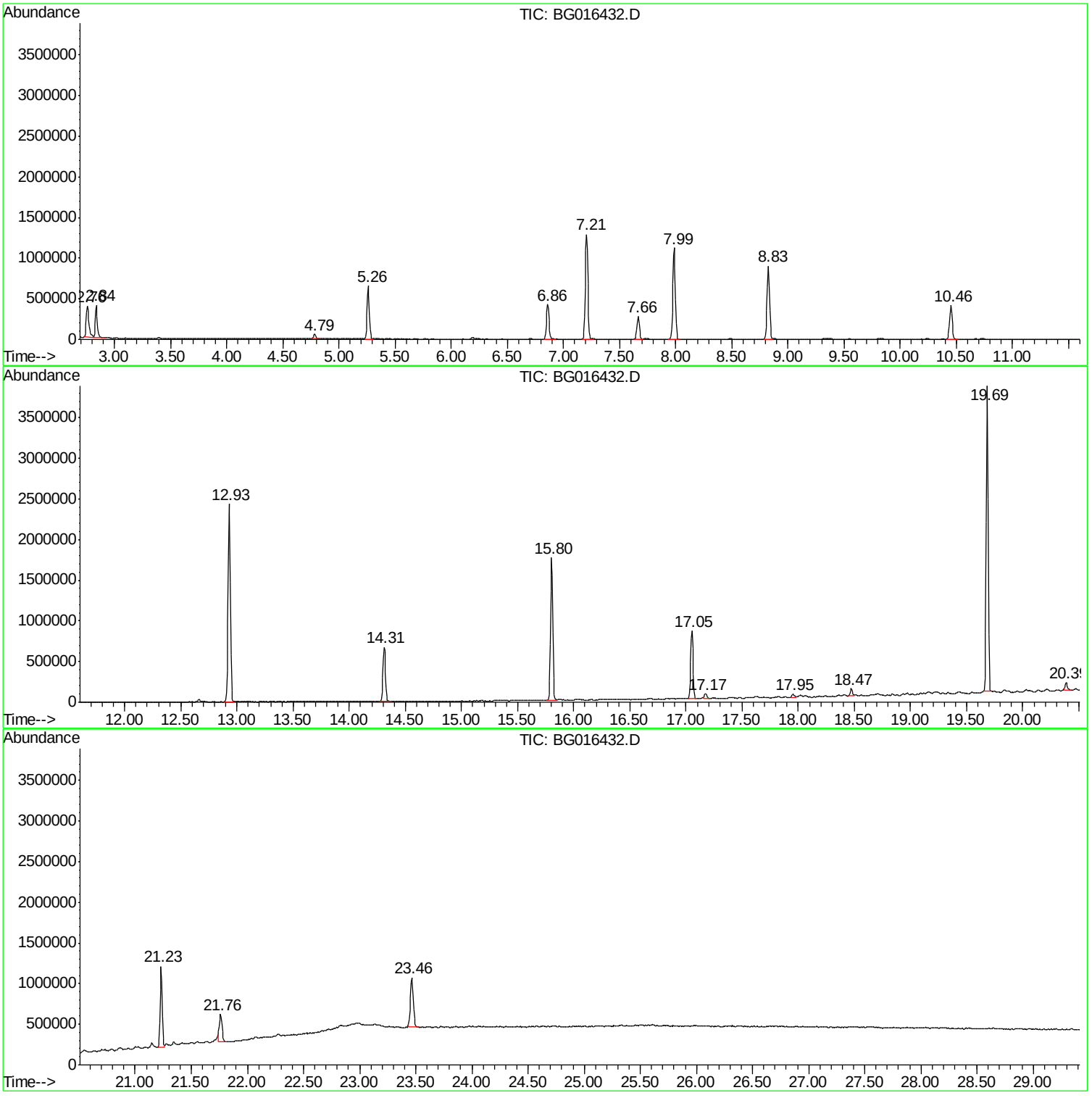
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

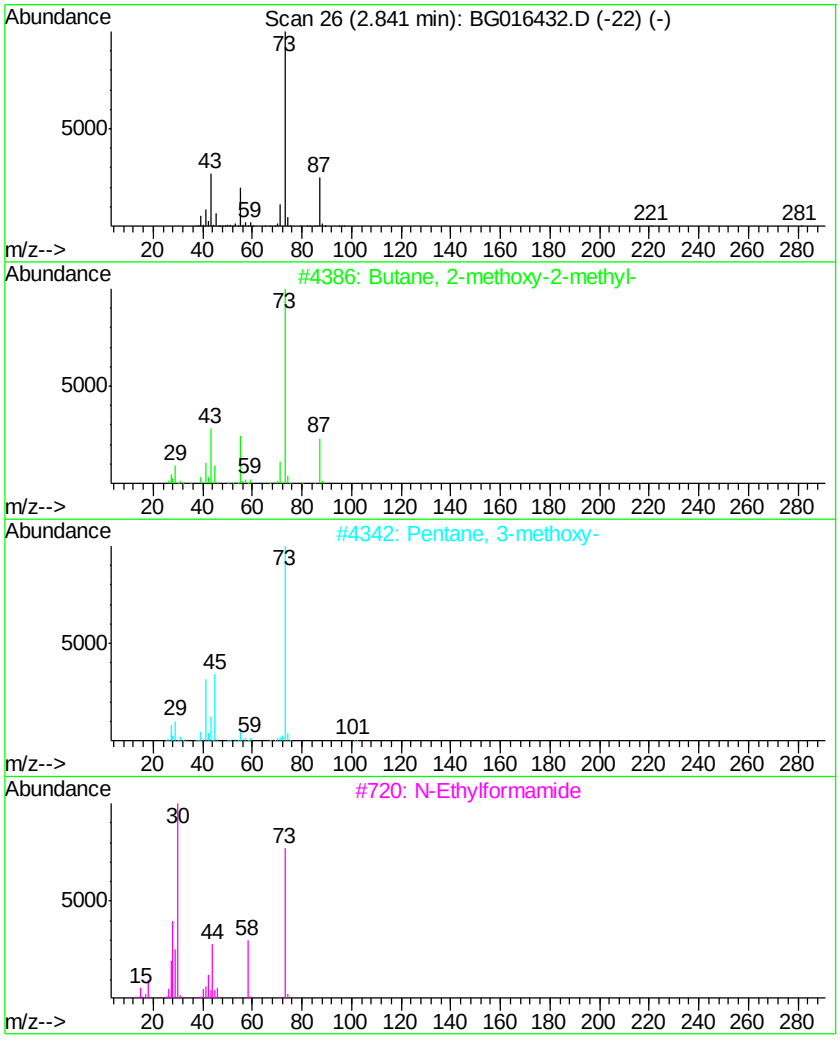
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

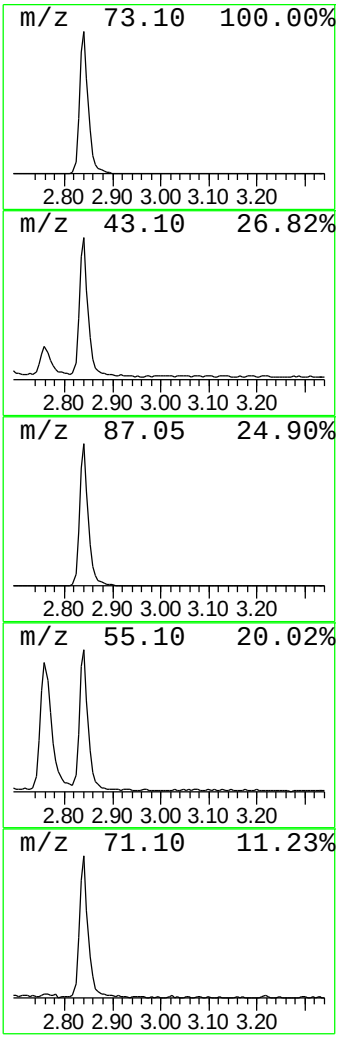
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	23.90 ng	521017	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

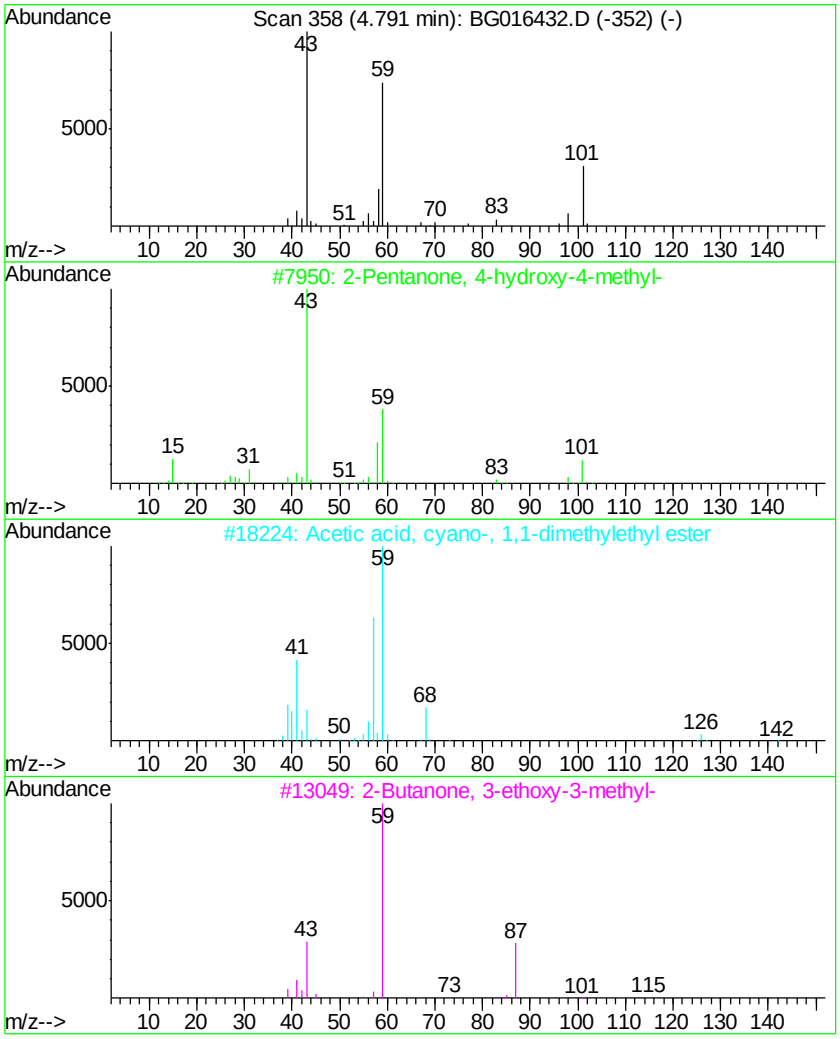
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

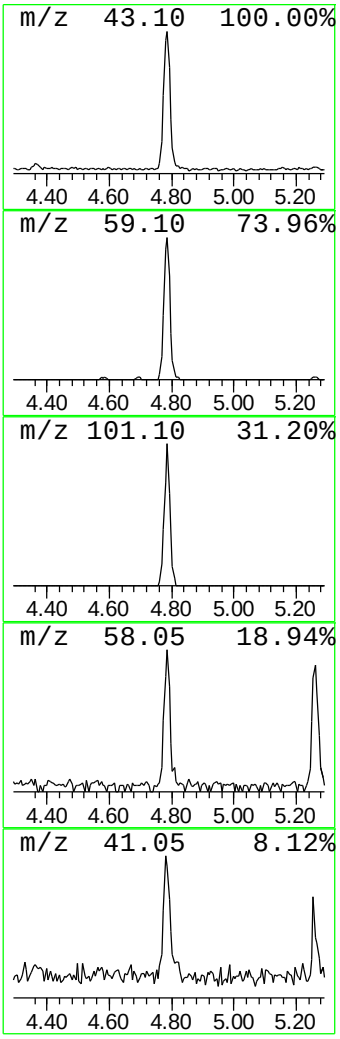
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.52 ng	76723	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	25
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	25
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

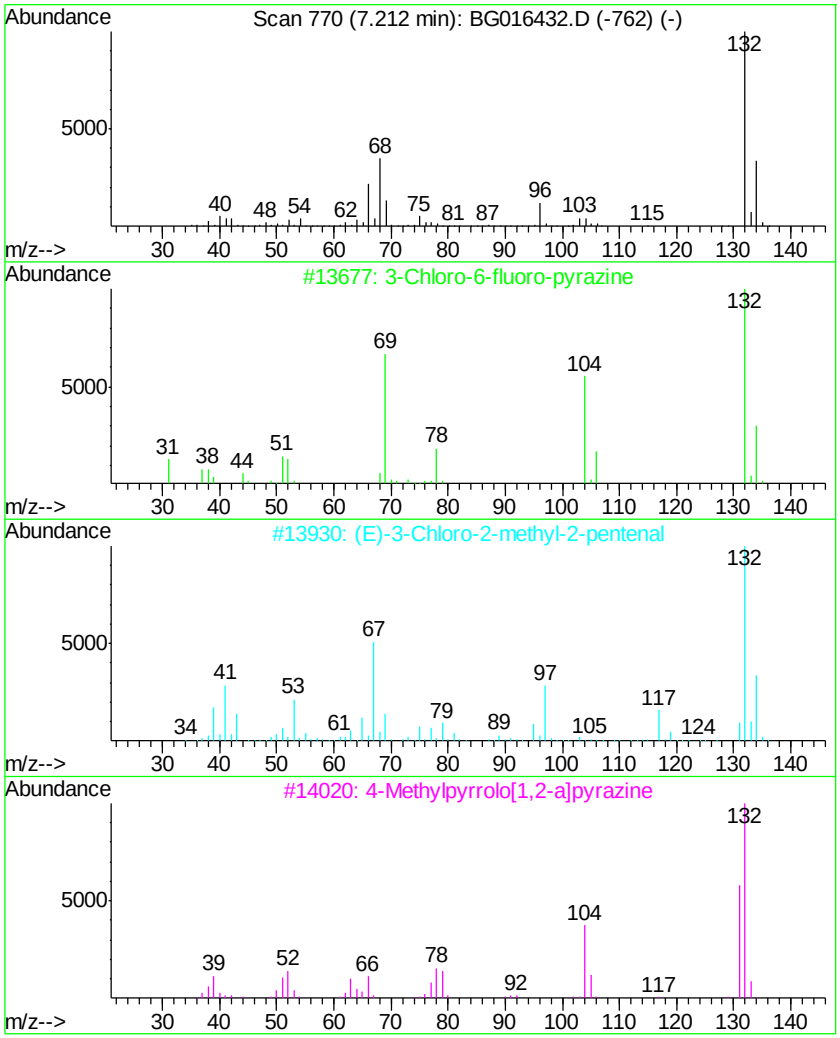
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

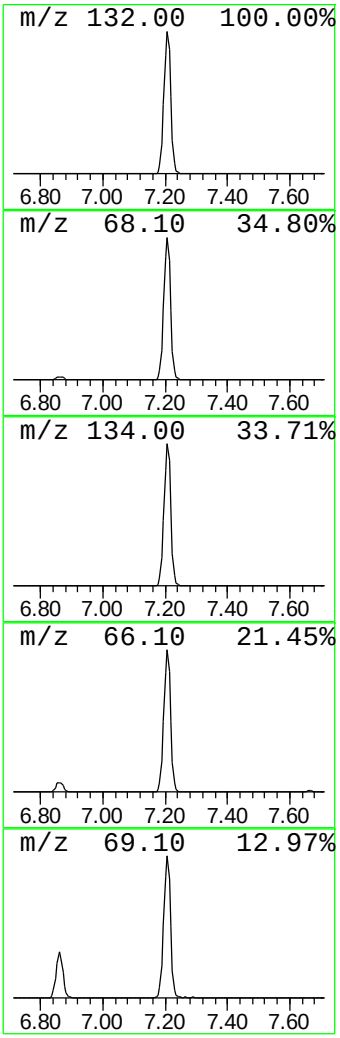
****

Peak Number 4 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	90.52 ng	1972940	1,4-Dichlorobenzene-d4	7.66

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	12
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

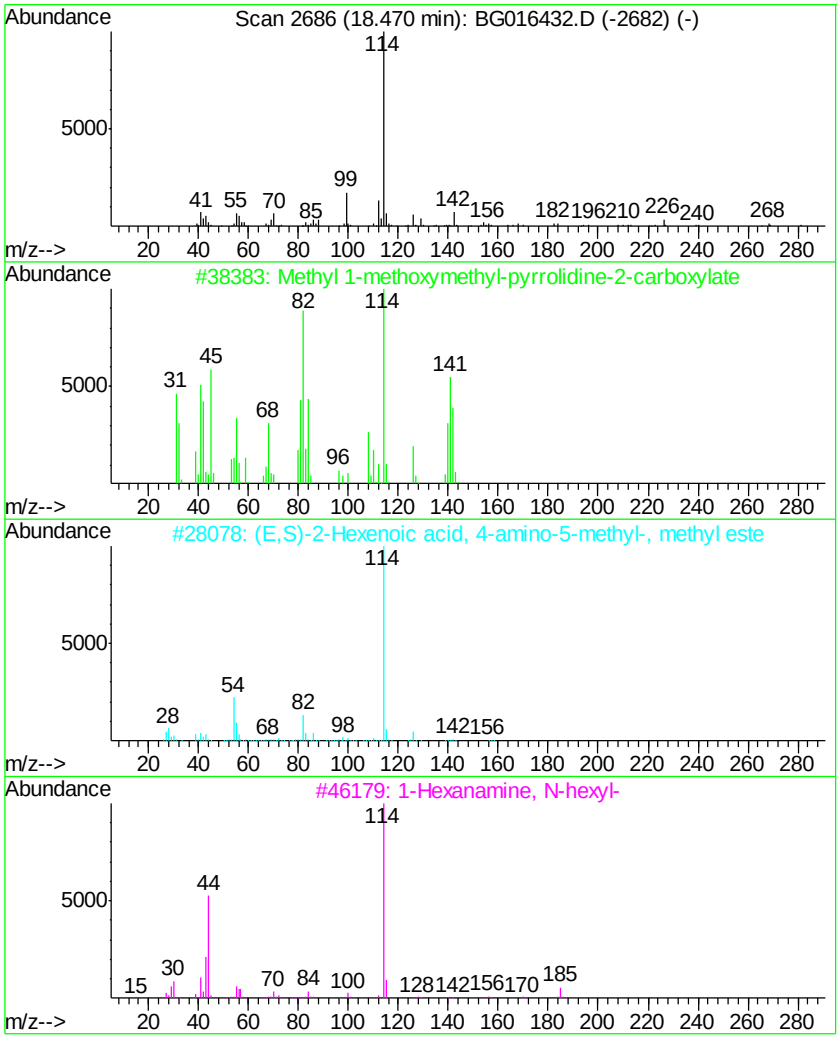
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

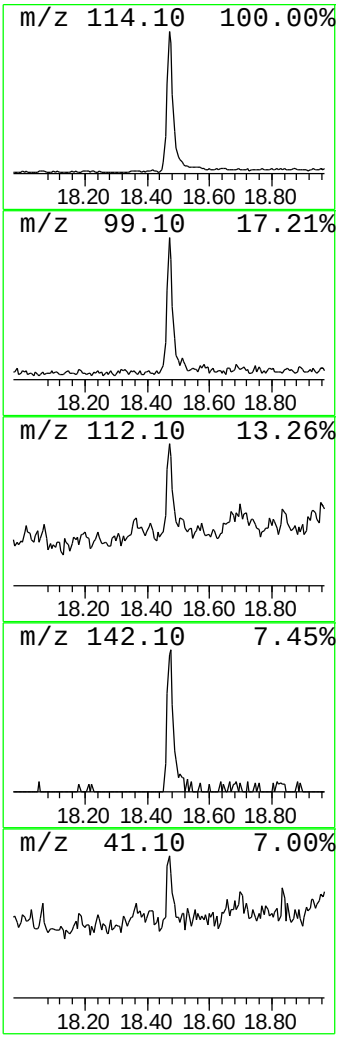
****

Peak Number 6 Methyl 1-methoxymethyl-pyrr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.02 ng	118347	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 1-methoxymethyl-pyrrolidi...	173	C8H15NO3	053823-82-8	59
2	(E,S)-2-Hexenoic acid, 4-amino-5...	157	C8H15NO2	1000163-78-4	52
3	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	40
4	Oxazolidine, 3-ethyl-2,2-dimethyl-	129	C7H15NO	057817-78-4	40
5	Propanamide, N-(4-bromo-3-methyl...	326	C14H19BrN2O2	284679-67-0	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

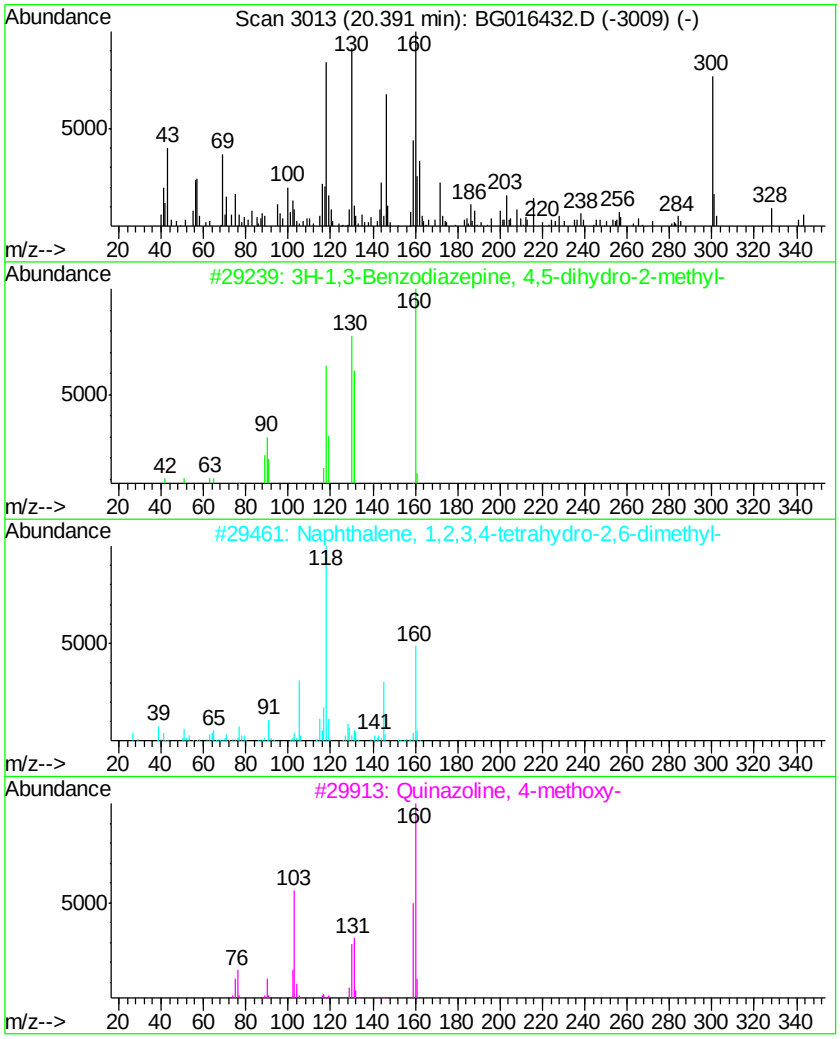
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

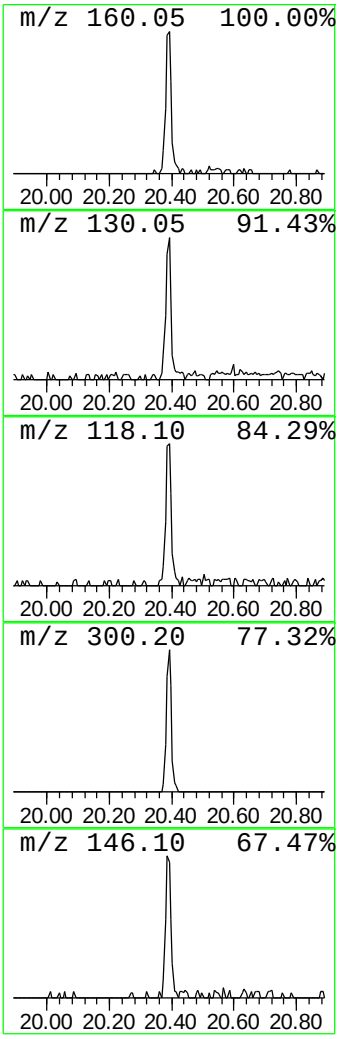
****

Peak Number 7 unknown20.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.14 ng	129995	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,3-Benzodiazepine, 4,5-dihyd...	160	C10H12N2	046035-38-5	43
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	25
3	Quinazoline, 4-methoxy-	160	C9H8N2O	016347-95-8	14
4	N-(4-Fluorophenyl)-5-(3-methoxyp...	300	C16H13FN2OS	1000298-19-8	11
5	Tetracyclo[5.3.1.1(2,6).0(4,9)]d...	192	C13H20O	1000196-98-9	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

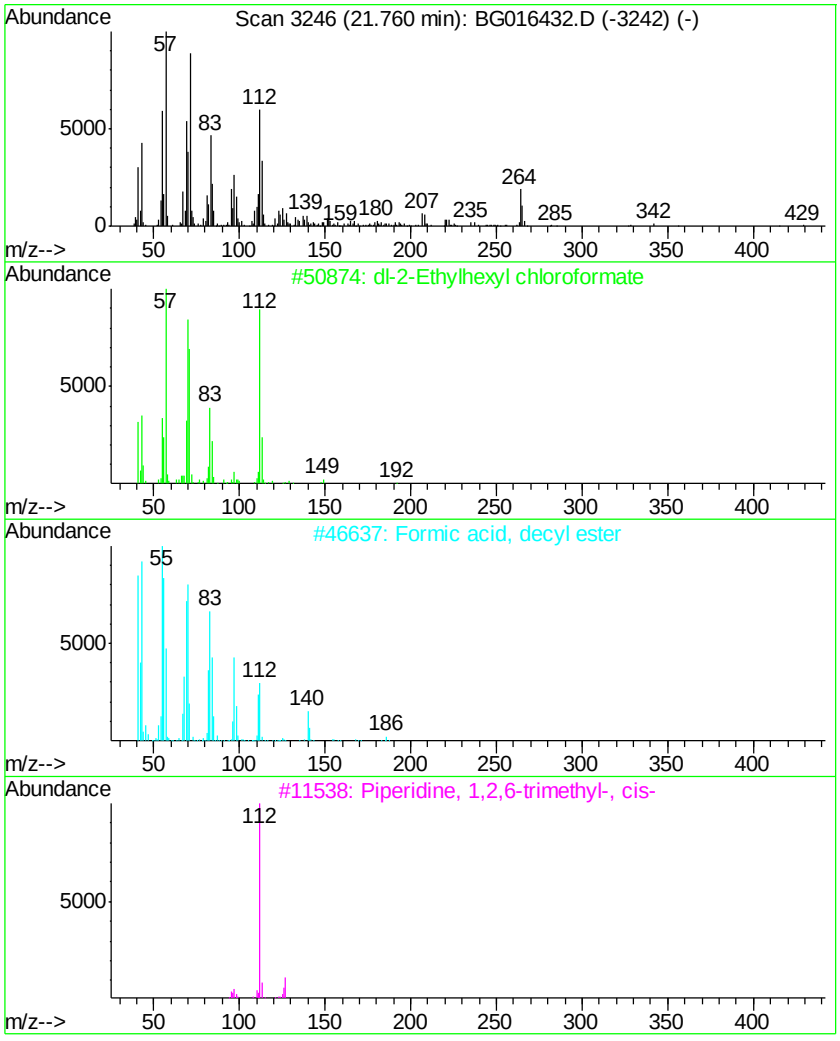
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

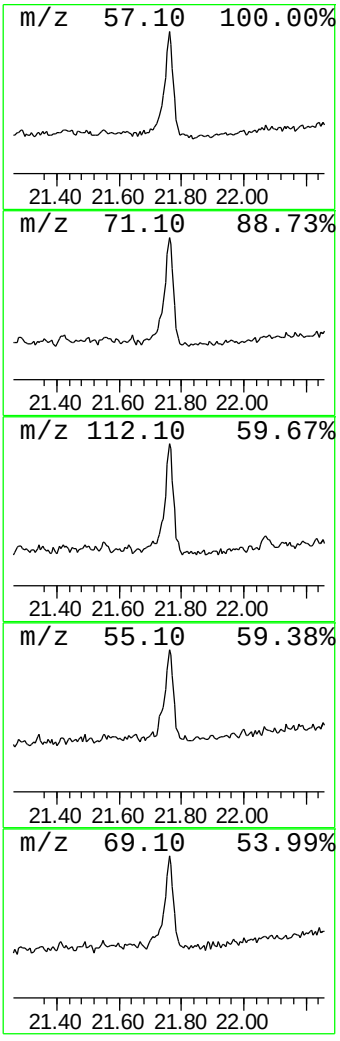
****

Peak Number 8 dl-2-Ethylhexyl chloroformate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	9.70 ng	589769	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	58
2	Formic acid, decyl ester	186	C11H22O2	005451-52-5	42
3	Piperidine, 1,2,6-trimethyl-, cis-	127	C8H17N	002439-13-6	35
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	35
5	Oleic Acid	282	C18H34O2	000112-80-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016432.D
Acq On : 15 Apr 2015 20:29
Operator : TP/IZ
Sample : G1829-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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...	2.84	23.9	ng	521017	1	7.66	435918	20.0
2-Pentanone, 4-hy...	4.79	3.5	ng	76723	1	7.66	435918	20.0
unknown7.21	7.21	90.5	ng	1972940	1	7.66	435918	20.0
Methyl 1-methoxym...	18.47	2.0	ng	118347	4	17.05	1169730	20.0
unknown20.39	20.39	2.1	ng	129995	5	21.23	1215680	20.0
dl-2-Ethylhexyl c...	21.76	9.7	ng	589769	5	21.23	1215680	20.0