LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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	2.788	13	17	30	rVB	4120330	5355589	35.07%	12.511%
2	2.923	35	40	51	rVV	8310439	15269383	100.00%	35.670%
3	3.000	51	53	67	rVB2	329499	603483	3.95%	1.410%
4	4.927	375	381	387	rBV	142789	209828	1.37%	0.490%
5	5.385	451	459	466	rBV	977855	1412349	9.25%	3.299%
6	6.966	720	728	738	rBV	1057274	1676887	10.98%	3.917%
7	7.336	783	791	803	rBV	985108	1550890	10.16%	3.623%
8	7.806	865	871	878	rVB	291190	460491	3.02%	1.076%
9	8.123	919	925	932	rBV	649283	1043027	6.83%	2.437%
10	8.957	1060	1067	1075	rBV	592300	963811	6.31%	2.251%
11	10.597	1339	1346	1353	rVB	411623	686995	4.50%	1.605%
12	13.064	1759	1766	1774	rBV	1465285	2201277	14.42%	5.142%
13	13.899	1899	1908	1914	rBV	110132	153624	1.01%	0.359%
14	14.445	1994	2001	2009	rVB2	617606	977585	6.40%	2.284%
15	15.802	2227	2232	2239	rVB	301297	402680	2.64%	0.941%
16	15.926	2246	2253	2262	rBV	1244453	1778539	11.65%	4.155%
17	17.189	2461	2468	2473	rBV2	881506	1261077	8.26%	2.946%
18	18.088	2617	2621	2627	rBV2	139500	196267	1.29%	0.458%
19	19.815	2909	2915	2920	rBV	2856439	3302230	21.63%	7.714%
20	21.084	3127	3131	3139	rBV	466584	563351	3.69%	1.316%
21	21.360	3173	3178	3184	rBV	1074444	1383674	9.06%	3.232%
22	23.670	3563	3571	3584	rVB2	678074	1354606	8.87%	3.164%

Sum of corrected areas: 42807643

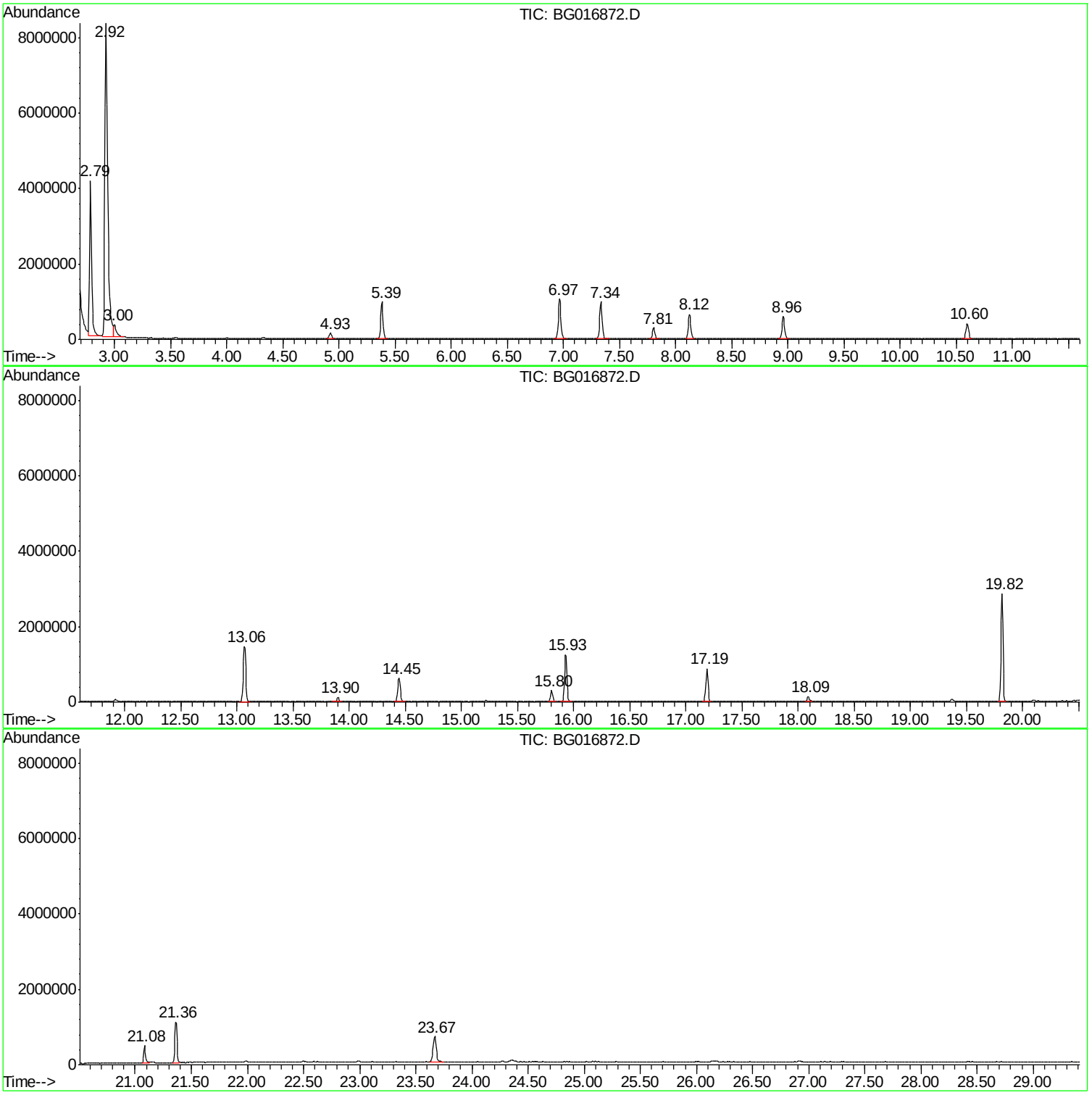
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

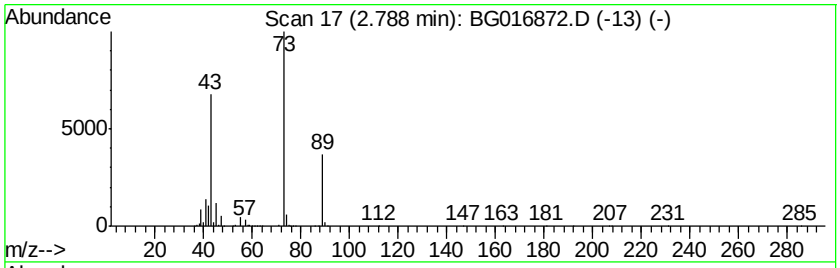
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

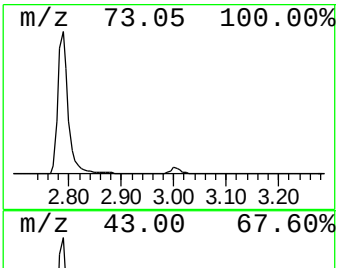
****

Peak Number 1 unknown2.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	232.60 ng	5355590	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	35
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

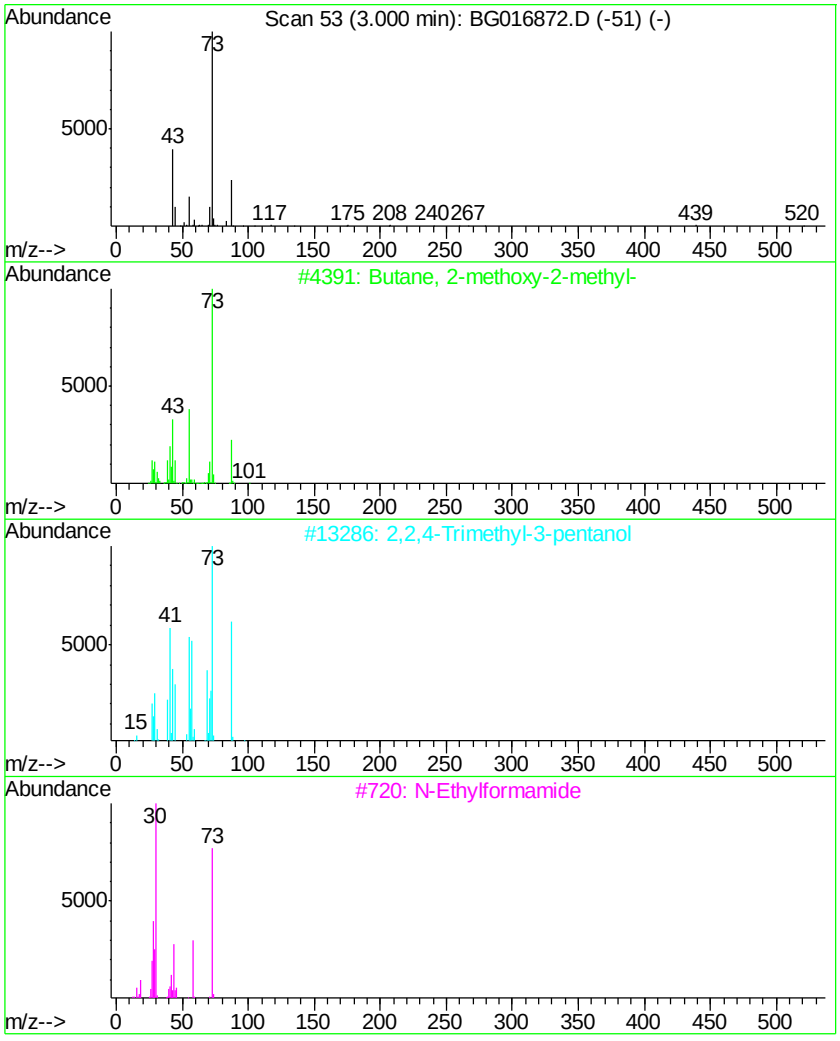
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

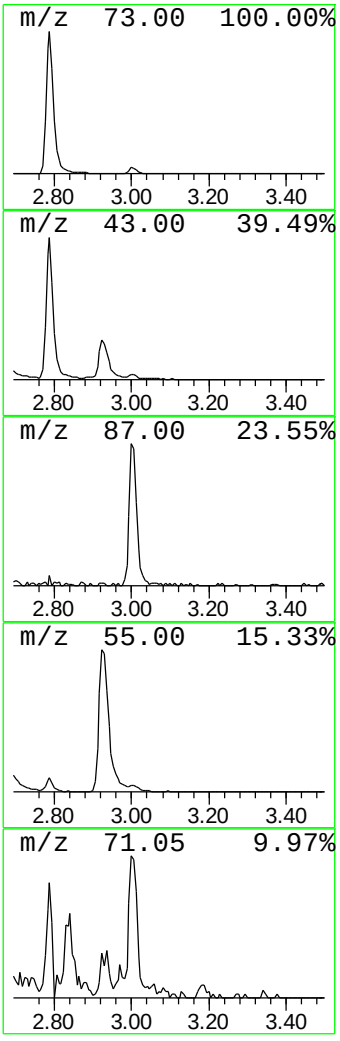
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	26.21 ng	603483	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	iso-Butyl aldehyde propylene gly...	130	C7H14O2	1000285-03-0	5
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

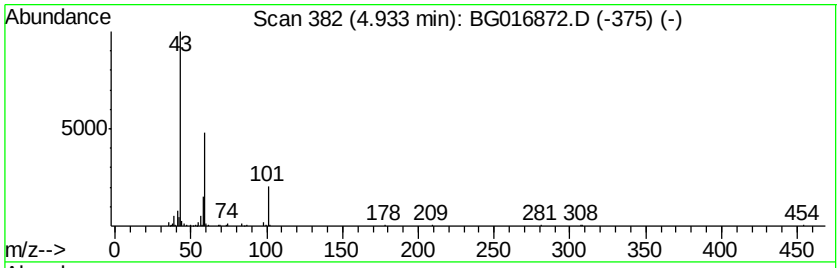
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

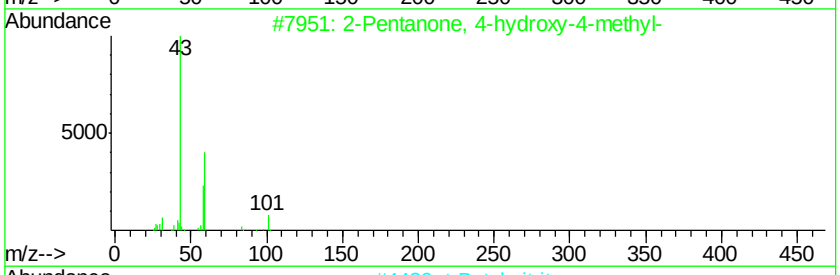
****

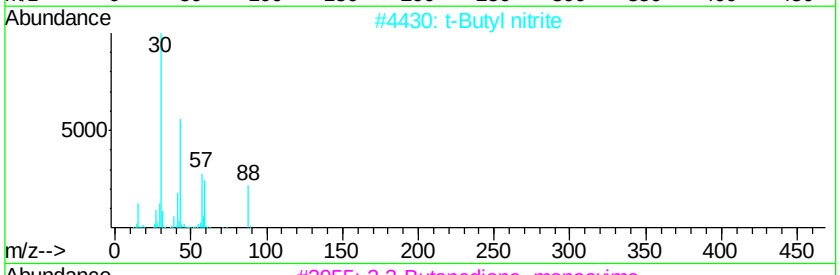
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

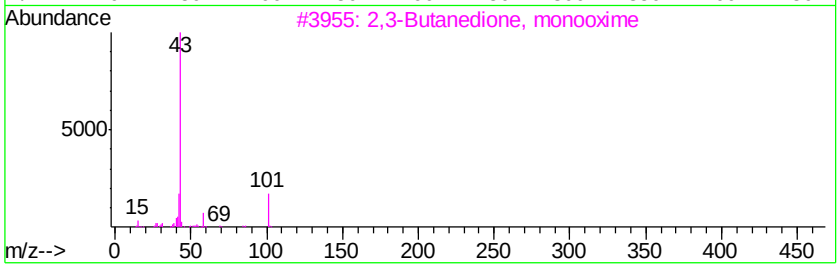
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	9.11 ng	209828	1,4-Dichlorobenzene-d4	7.80

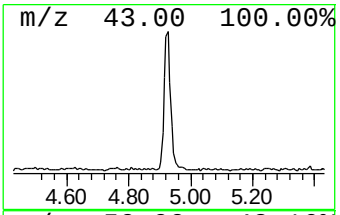
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17

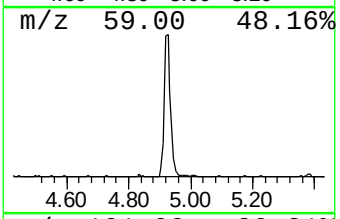


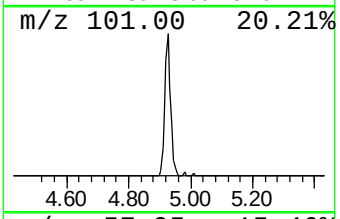


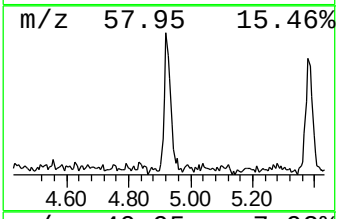


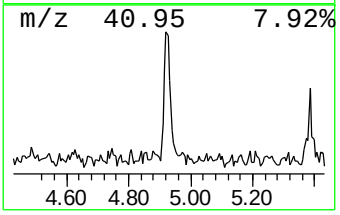












Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

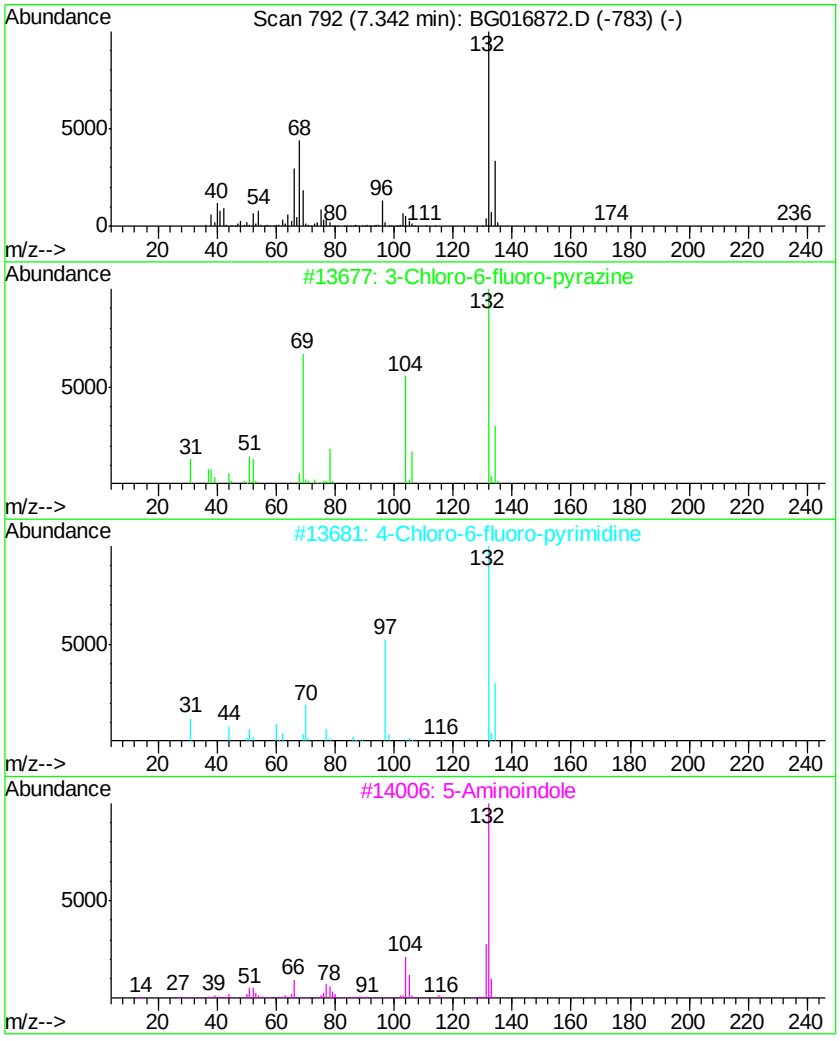
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

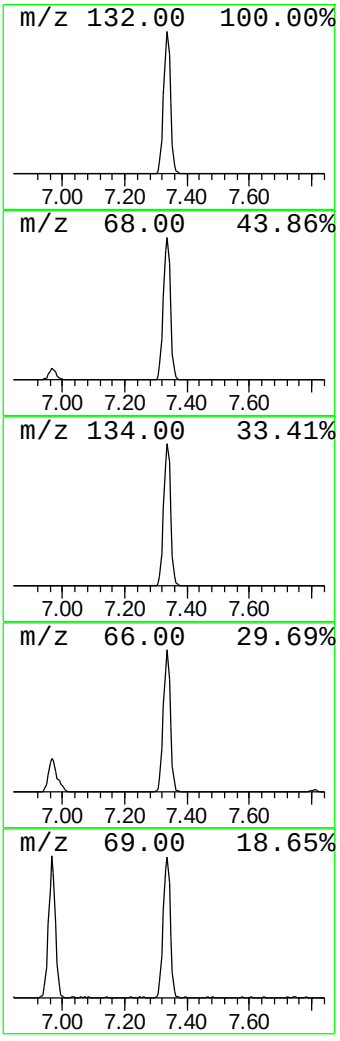
****

Peak Number 5 unknown7.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	67.36 ng	1550890	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

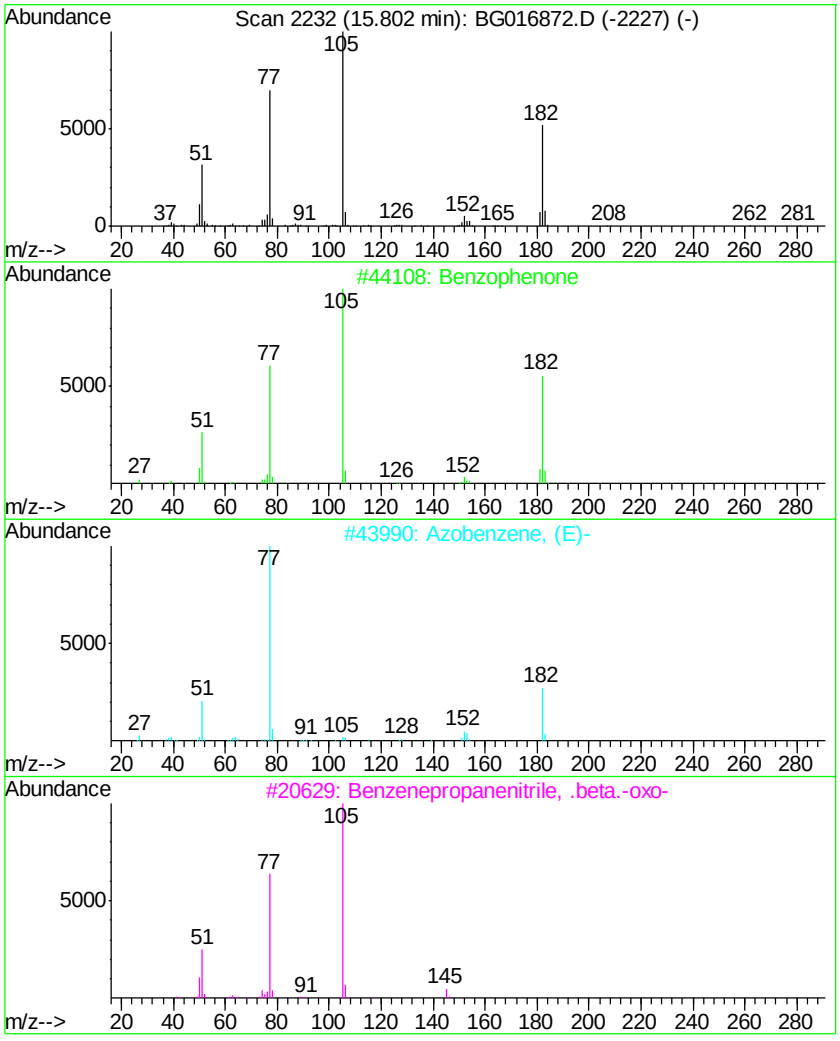
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

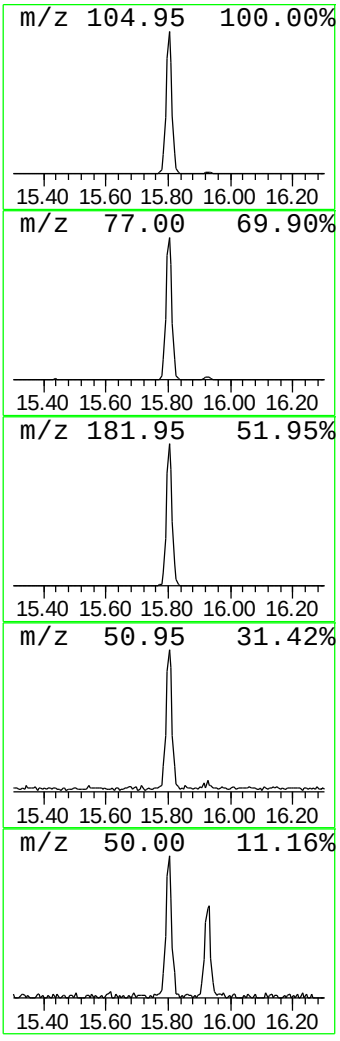
****

Peak Number 7 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	8.24 ng	402680	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50
5	2-Pyrazoline-5-carbonitrile, 2-b...	199	C11H9N3O	067872-68-8	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

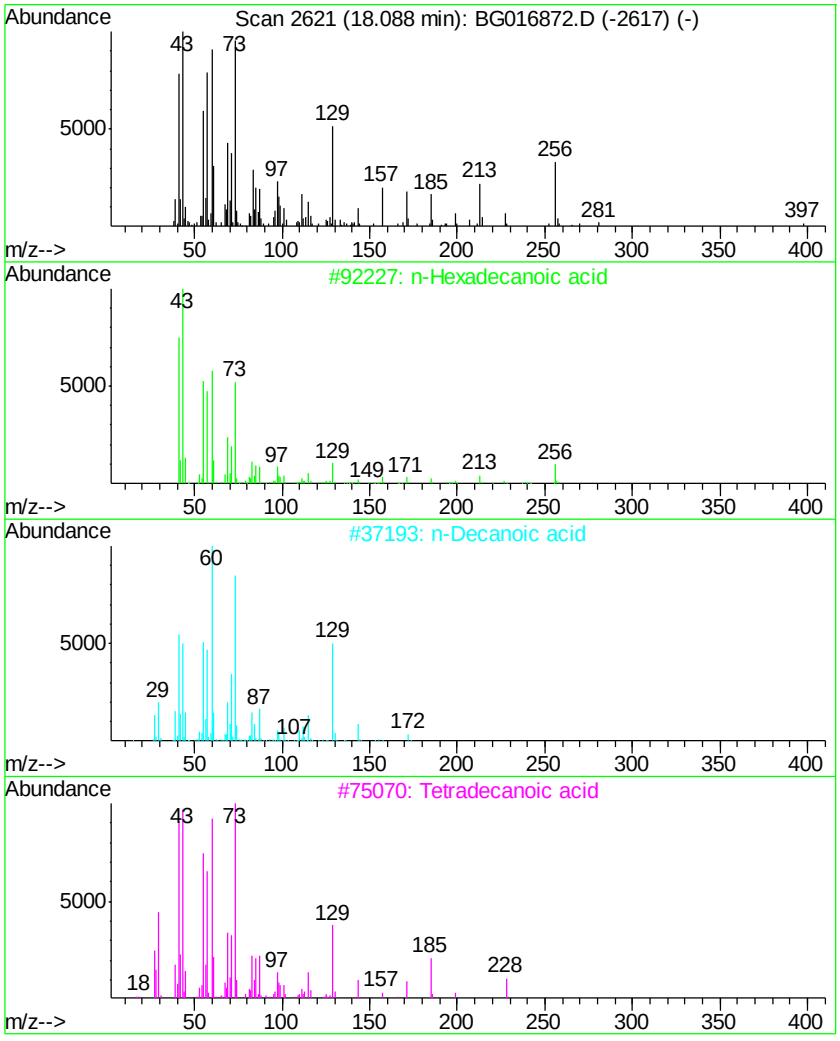
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

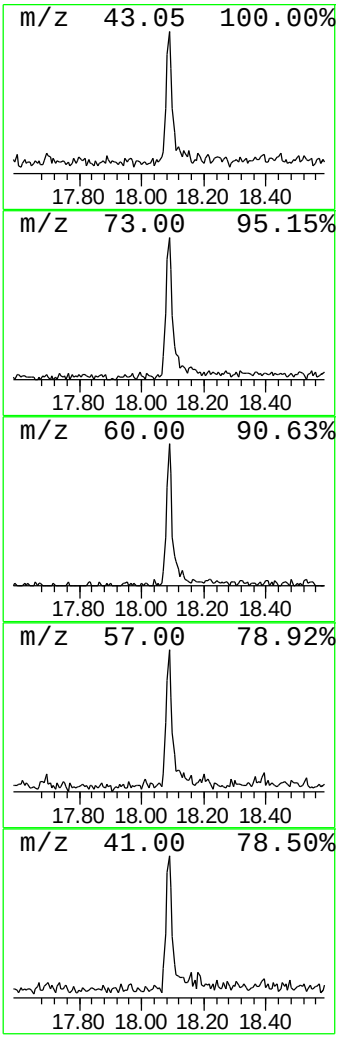
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.11 ng	196267	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

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

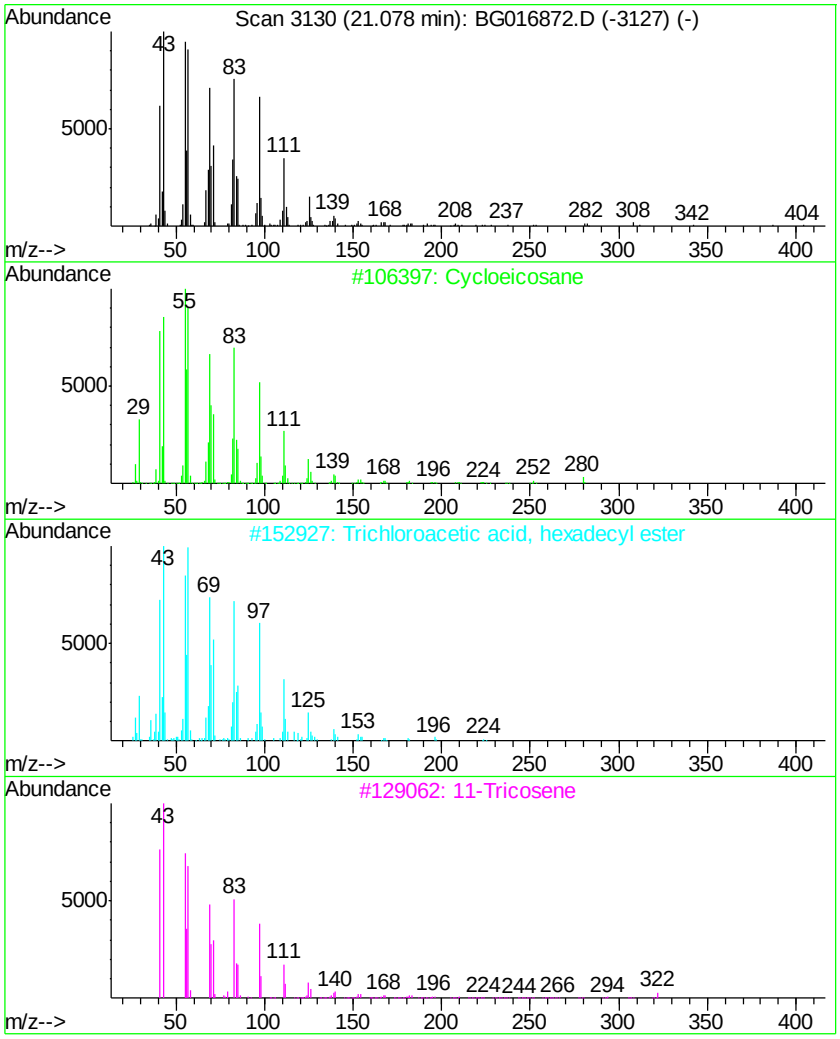
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

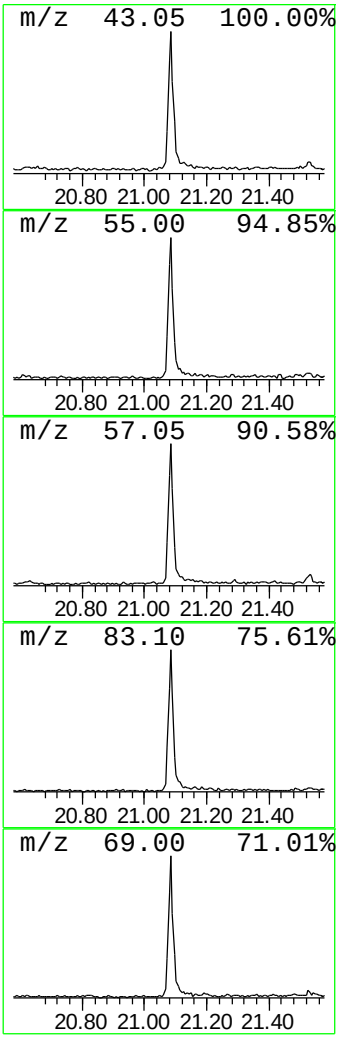
****

Peak Number 9 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	8.14 ng	563351	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	11-Tricosene	322	C23H46	052078-56-5	87
4	1-Heptadecanol	256	C17H36O	001454-85-9	83
5	1-Tetracosanol	354	C24H50O	000506-51-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
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Instrument : BNA_G
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.79	2.79	232.6	ng	5355590	1	7.80	460491	20.0
Butane, 2-methoxy...	3.00	26.2	ng	603483	1	7.80	460491	20.0
2-Pentanone, 4-hy...	4.93	9.1	ng	209828	1	7.80	460491	20.0
unknown7.34	7.34	67.4	ng	1550890	1	7.80	460491	20.0
Benzophenone	15.80	8.2	ng	402680	3	14.45	977585	20.0
n-Hexadecanoic acid	18.09	3.1	ng	196267	4	17.19	1261080	20.0
Cycloeicosane	21.08	8.1	ng	563351	5	21.36	1383670	20.0