LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

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-BG051315.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	2.817	19	22	26	rBV2	20433	22664	1.07%	0.202%
2	4.768	348	354	364	rBV	85856	116703	5.51%	1.040%
3	5.256	431	437	447	rBV	641607	883073	41.69%	7.871%
4	6.866	704	711	722	rBV	658852	1004056	47.40%	8.950%
5	6.960	722	727	734	rVB2	18588	29030	1.37%	0.259%
6	7.201	759	768	778	rBV	635261	964684	45.55%	8.599%
7	7.659	840	846	853	rBV	103600	160450	7.58%	1.430%
8	7.976	894	900	908	rVB	398535	627639	29.63%	5.594%
9	8.822	1037	1044	1053	rBV	341394	563106	26.59%	5.019%
10	10.450	1315	1321	1330	rBV	128388	216954	10.24%	1.934%
11	12.935	1737	1744	1753	rBV	775044	1076275	50.81%	9.593%
12	13.781	1882	1888	1892	rBV	22207	31467	1.49%	0.280%
13	14.316	1973	1979	1987	rBV2	203933	303630	14.34%	2.706%
14	15.814	2227	2234	2241	rBV	913123	1275116	60.20%	11.366%
15	17.065	2441	2447	2454	rBV	307856	419081	19.79%	3.735%
16	17.970	2595	2601	2610	rBV2	56024	87719	4.14%	0.782%
17	18.899	2754	2759	2764	rVB	28829	33892	1.60%	0.302%
18	19.251	2810	2819	2831	rBV5	18061	36094	1.70%	0.322%
19	19.698	2890	2895	2903	rBV	1659391	2118066	100.00%	18.879%
20	20.009	2945	2948	2954	rVB	28487	30239	1.43%	0.270%
21	20.961	3106	3110	3119	rBV	135510	190057	8.97%	1.694%
22	21.249	3154	3159	3168	rVB	396245	500623	23.64%	4.462%
23	21.854	3255	3262	3265	rBV7	22678	48302	2.28%	0.431%
24	23.493	3535	3541	3548	rBV	259967	480139	22.67%	4.280%

Sum of corrected areas: 11219059

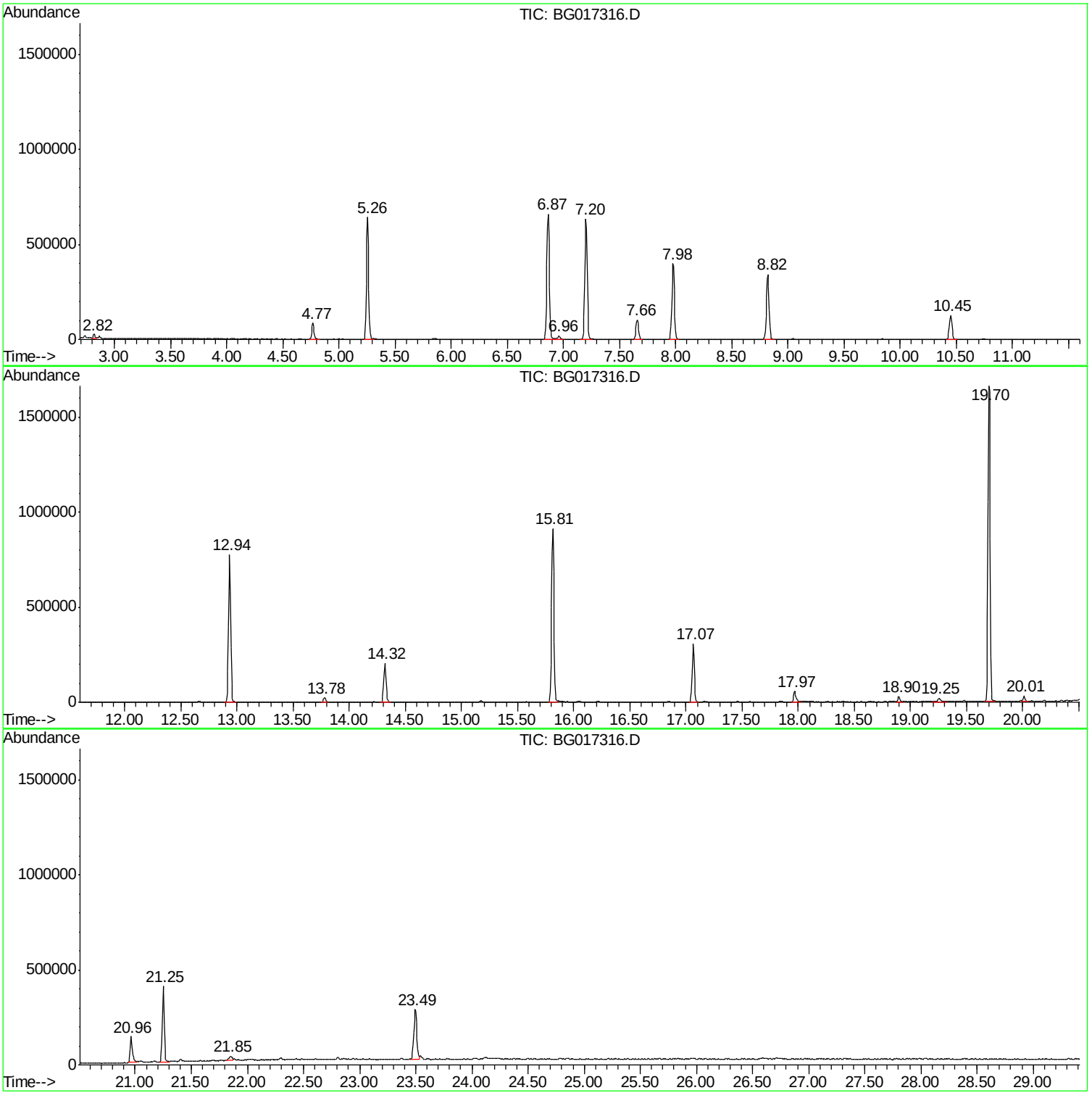
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

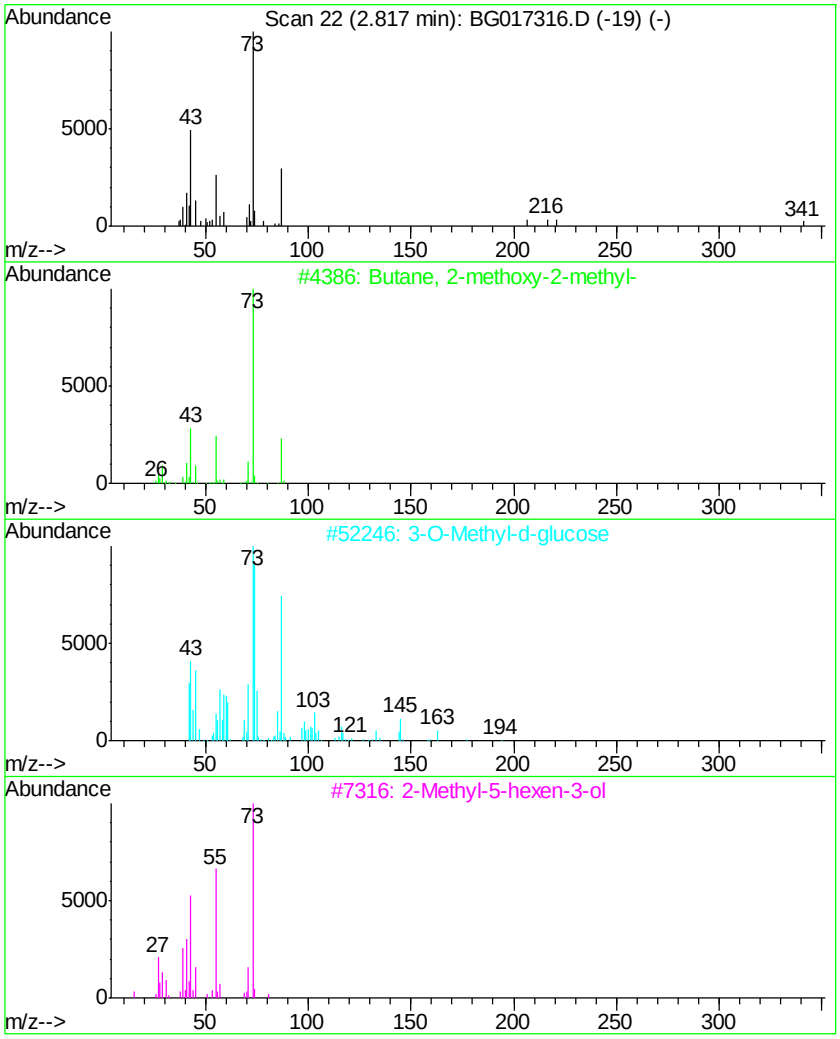
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

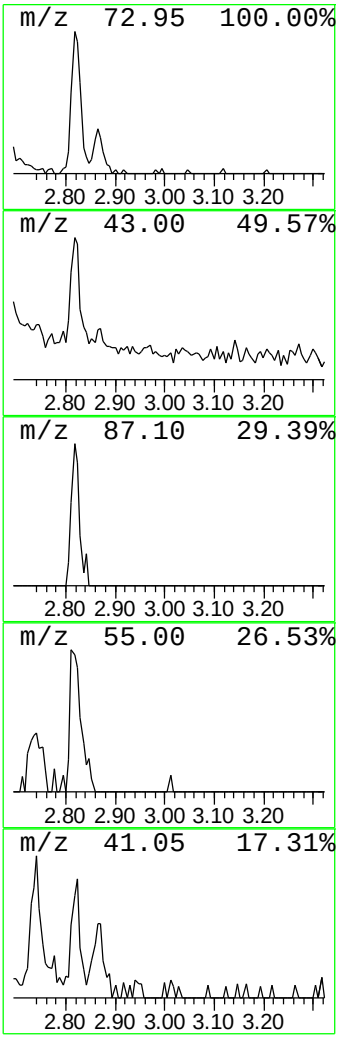
****

Peak Number 1 unknown2.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.83 ng	22664	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	42
2	3-O-Methyl-d-glucose	194	C7H14O6	1000127-25-9	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

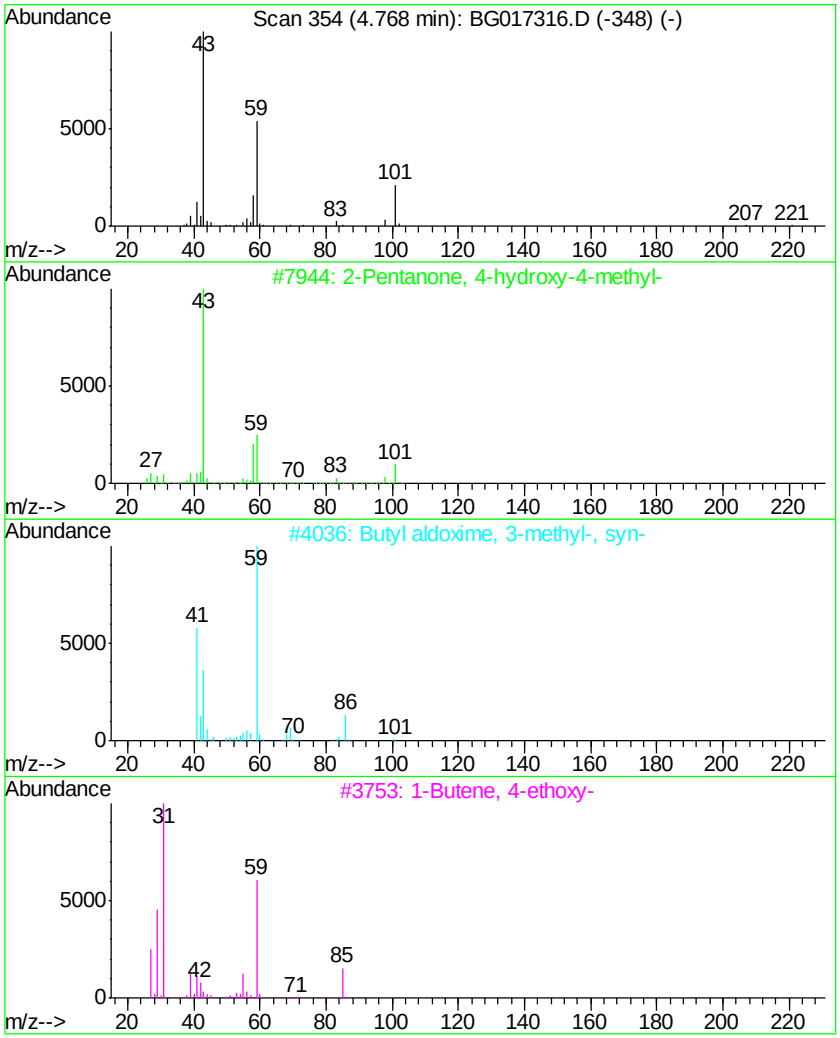
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

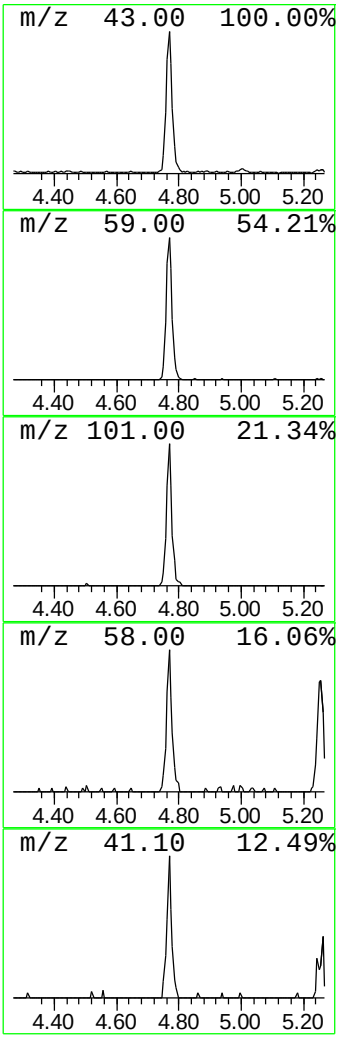
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	14.55 ng	116703	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	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

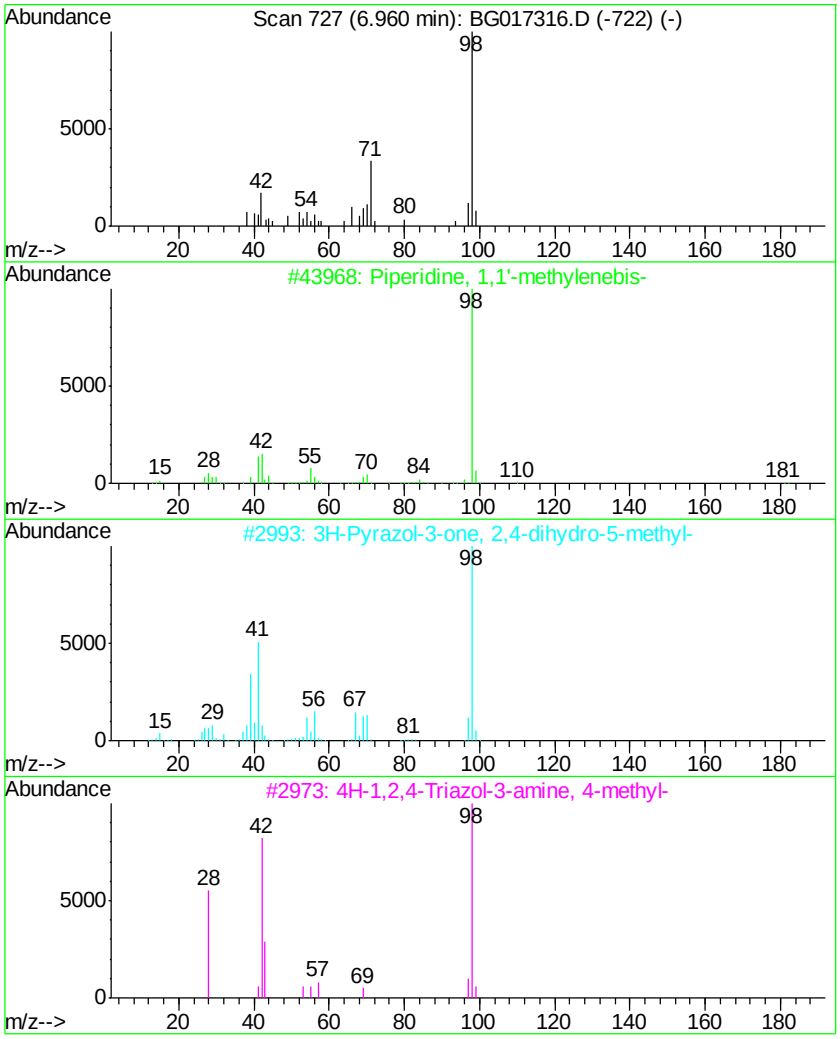
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

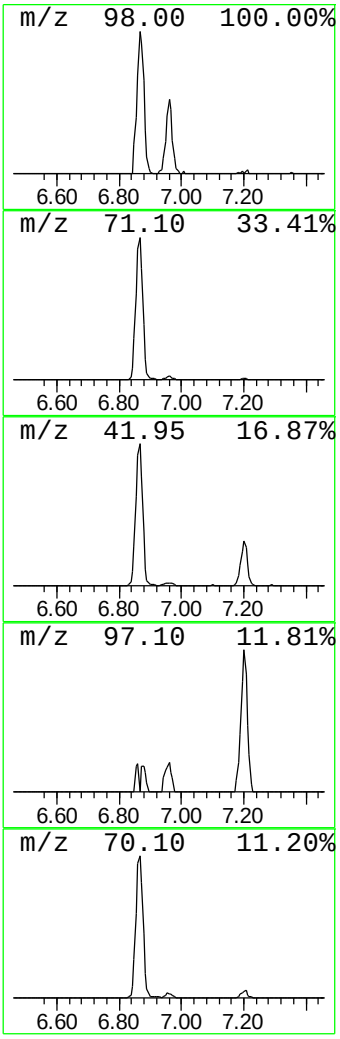
****

Peak Number 3 Piperidine, 1,1'-methylenebis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.62 ng	29030	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1,1'-methylenebis-	182	C11H22N2	000880-09-1	53
2	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	53
3	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	50
4	Benzen-d5-amine	98	C6H2D5N	004165-61-1	50
5	3H-Pyrazole, 3,4-diamino-	98	C3H6N4	1000288-40-0	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

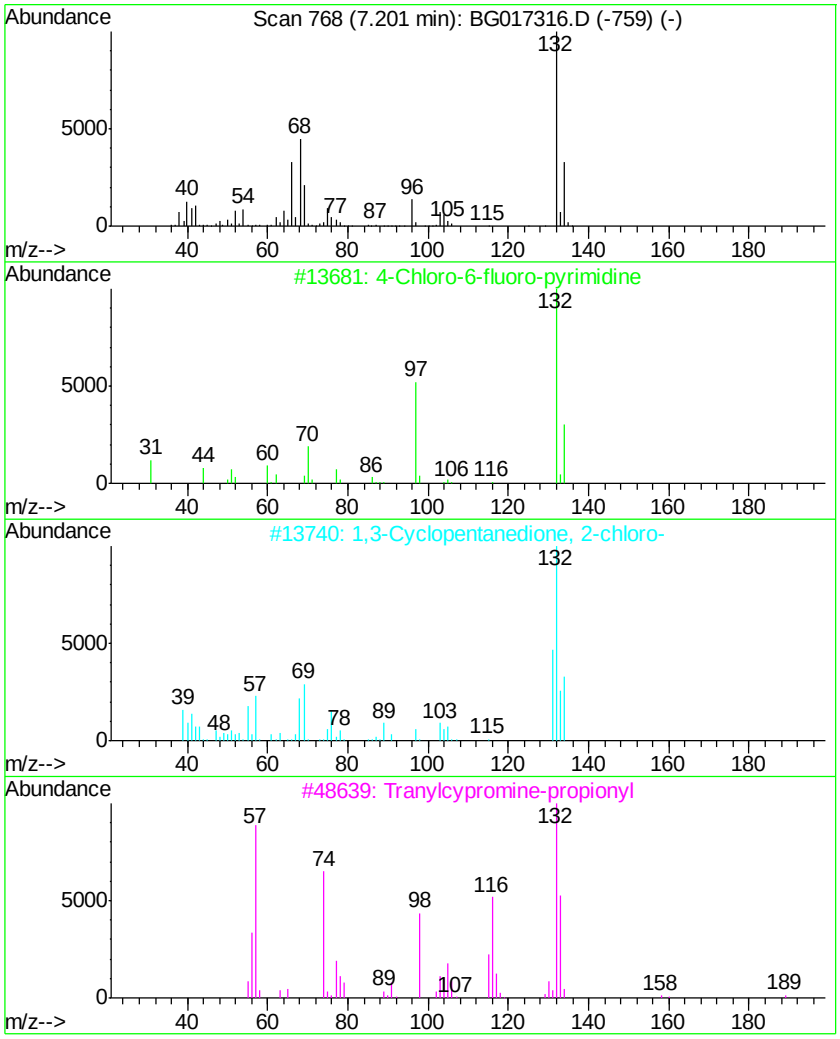
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

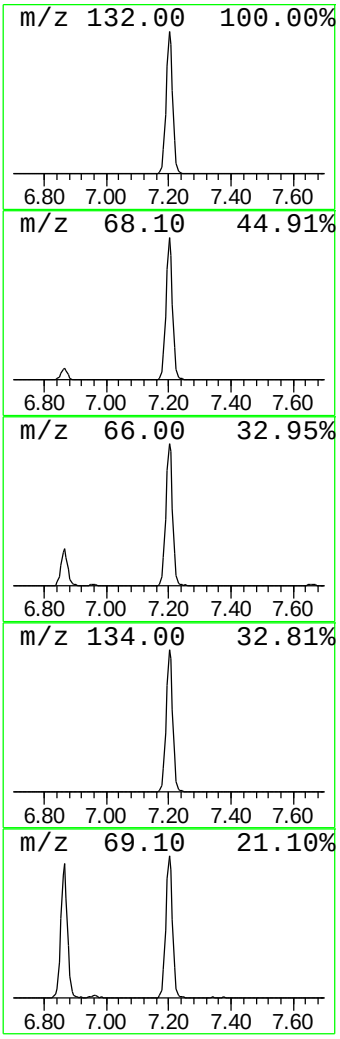
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	120.25 ng	964684	1,4-Dichlorobenzene-d4	7.66

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

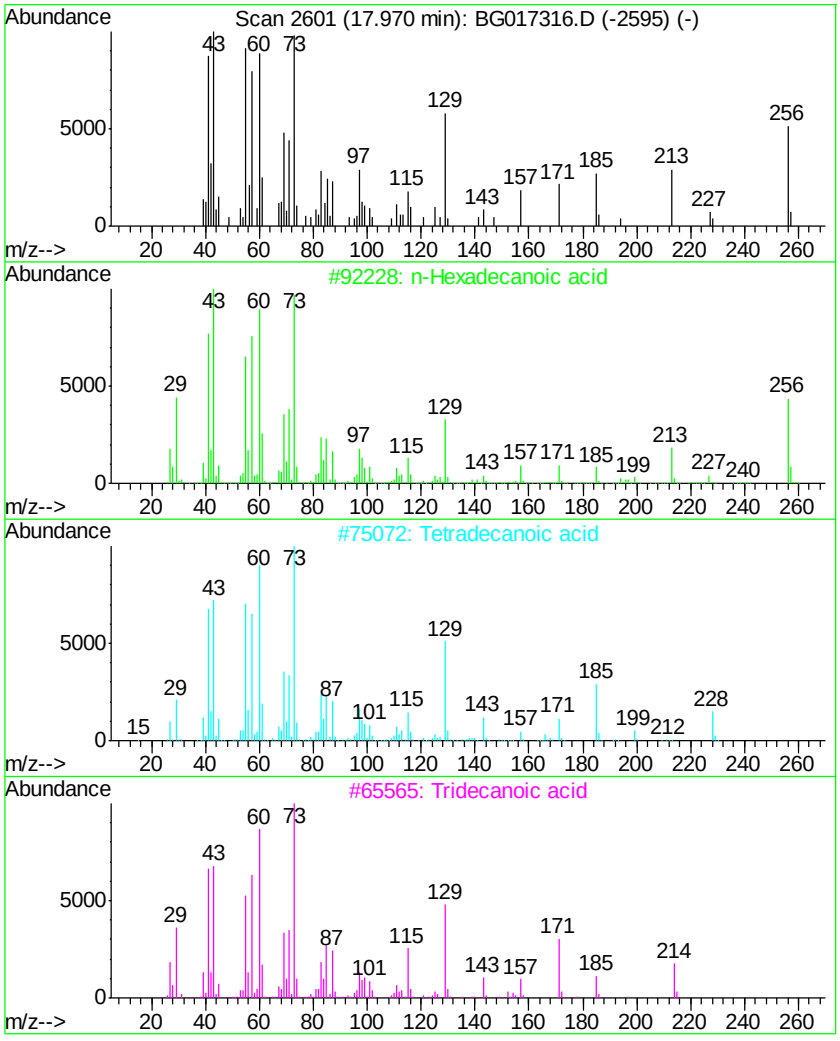
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

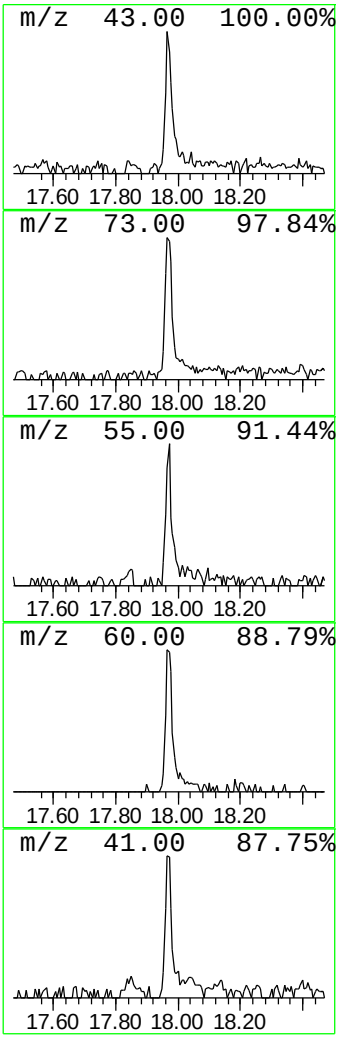
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.19 ng	87719	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

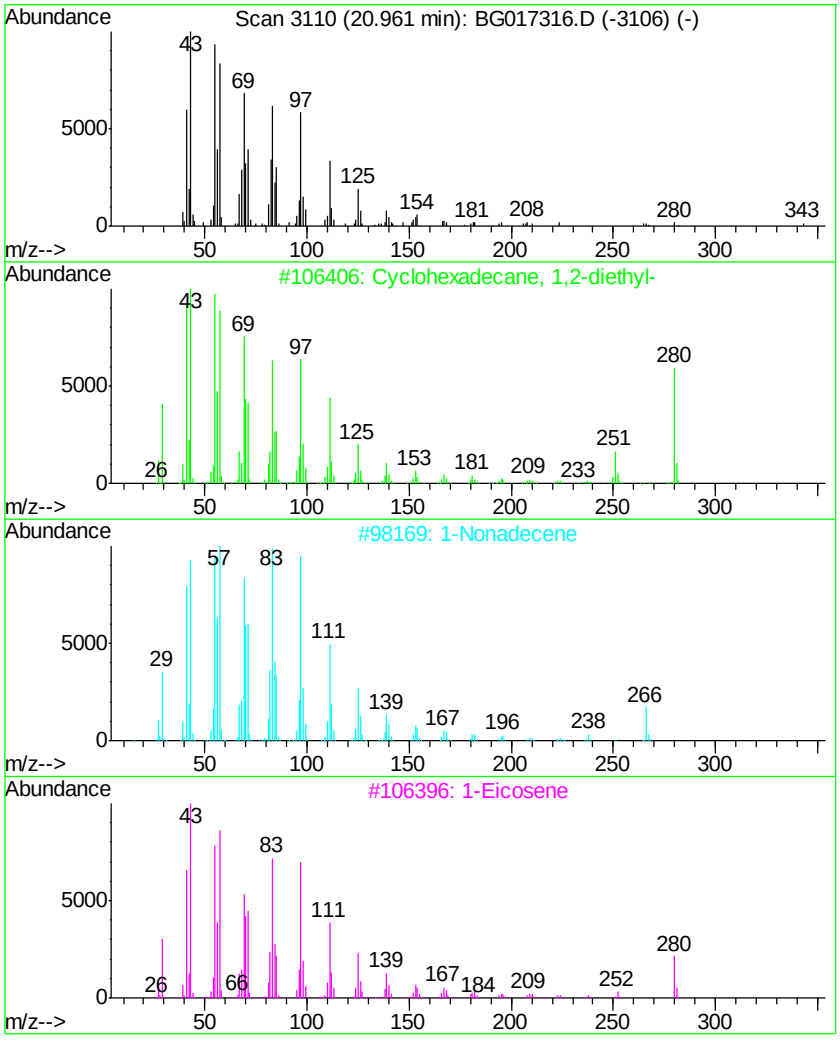
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

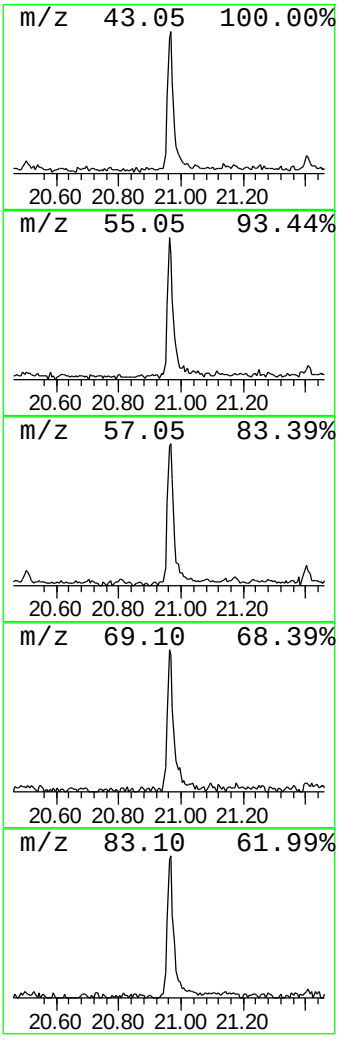
****

Peak Number 7 Cyclohexadecane, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.59 ng	190057	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2	1-Nonadecene	266	C19H38	018435-45-5	99
3	1-Eicosene	280	C20H40	003452-07-1	98
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
Data File : BG017316.D
Acq On : 28 May 2015 2:12
Operator : TP/IZ
Sample : G2387-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
unknown2.82	2.82	2.8	ng	22664	1	7.66	160450	20.0
2-Pentanone, 4-hy...	4.77	14.6	ng	116703	1	7.66	160450	20.0
Piperidine, 1,1'-...	6.96	3.6	ng	29030	1	7.66	160450	20.0
unknown7.20	7.20	120.3	ng	964684	1	7.66	160450	20.0
n-Hexadecanoic acid	17.97	4.2	ng	87719	4	17.07	419081	20.0
Cyclohexadecane, ...	20.96	7.6	ng	190057	5	21.25	500623	20.0