LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017098.D
Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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	2.807	14	20	30	rBV3	62216	113543	5.41%	0.874%
2	2.889	30	34	41	rVV	151755	199134	9.48%	1.533%
3	4.828	358	364	373	rBV2	36244	61708	2.94%	0.475%
4	5.310	439	446	454	rBV	667526	939912	44.76%	7.235%
5	6.914	711	719	728	rBV	715948	1061065	50.53%	8.167%
6	7.255	770	777	786	rBV	691448	1062164	50.58%	8.176%
7	7.713	848	855	863	rVB	143268	234692	11.18%	1.806%
8	8.036	904	910	919	rVB	451645	692012	32.96%	5.326%
9	8.876	1044	1053	1062	rVB	404464	663707	31.61%	5.109%
10	10.281	1287	1292	1300	rBV6	12019	22261	1.06%	0.171%
11	10.510	1323	1331	1337	rBV	190138	301387	14.35%	2.320%
12	12.983	1746	1752	1760	rVB	849062	1192813	56.81%	9.181%
13	13.823	1889	1895	1903	rBV	126430	178488	8.50%	1.374%
14	14.370	1981	1988	1995	rBV2	269856	429388	20.45%	3.305%
15	15.856	2233	2241	2252	rBV	1064569	1447733	68.95%	11.143%
16	16.873	2411	2414	2418	rBV2	15493	21565	1.03%	0.166%
17	17.114	2447	2455	2463	rBV	417527	592194	28.20%	4.558%
18	17.613	2535	2540	2544	rBV2	22658	27347	1.30%	0.210%
19	18.013	2603	2608	2612	rBV3	38462	58130	2.77%	0.447%
20	19.740	2897	2902	2908	rBV	1693442	2099790	100.00%	16.162%
21	21.003	3114	3117	3123	rBV	129471	159741	7.61%	1.230%
22	21.291	3162	3166	3173	rVB	563780	680982	32.43%	5.242%
23	21.885	3264	3267	3274	rBV7	10035	21459	1.02%	0.165%
24	22.478	3365	3368	3373	rBV	33196	48307	2.30%	0.372%
25	23.559	3545	3552	3561	rVB	345402	682359	32.50%	5.252%

Sum of corrected areas: 12991881

LSC Report - Integrated Chromatogram

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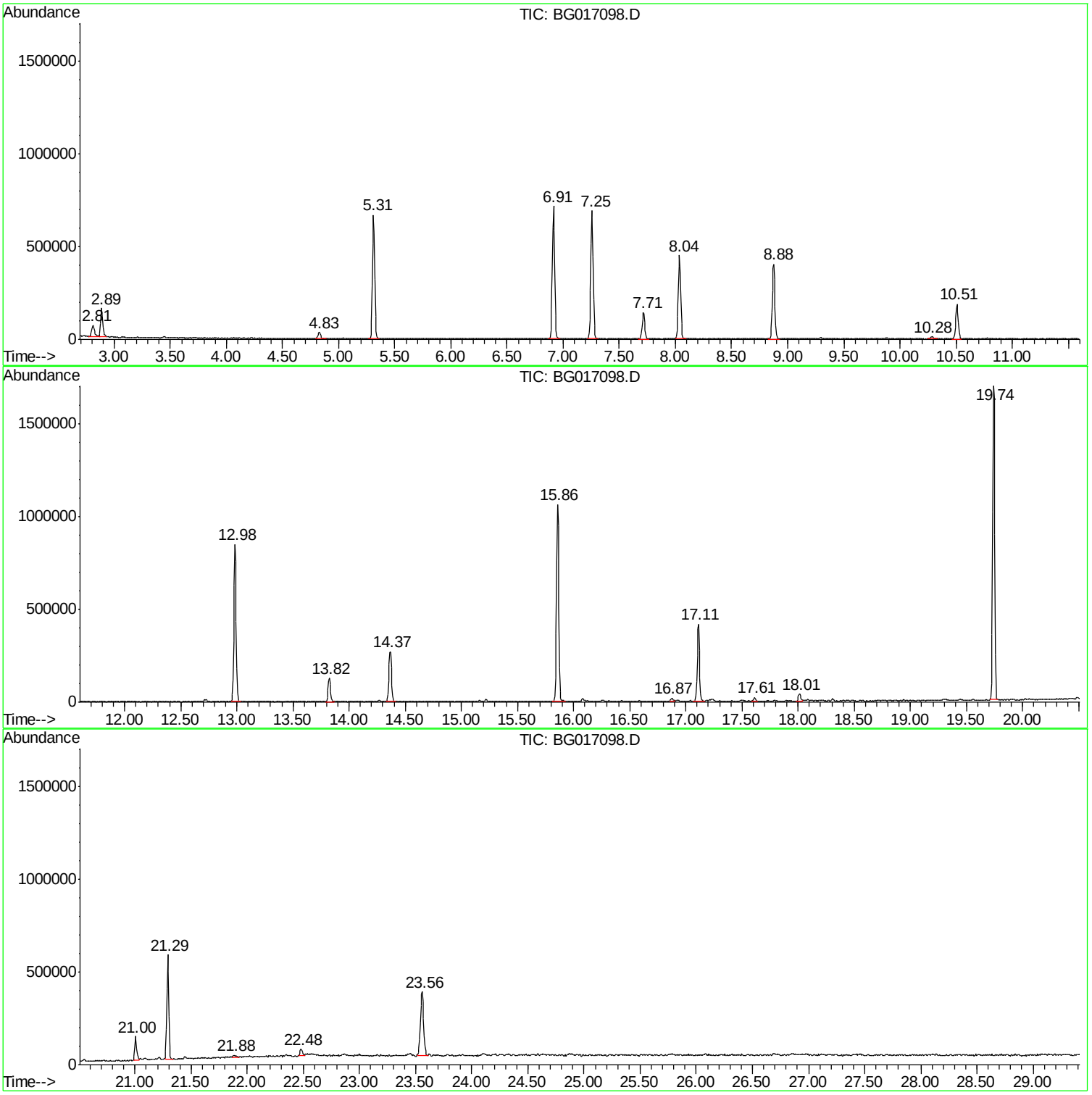
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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\BG051215\
Data File : BG017098.D
Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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

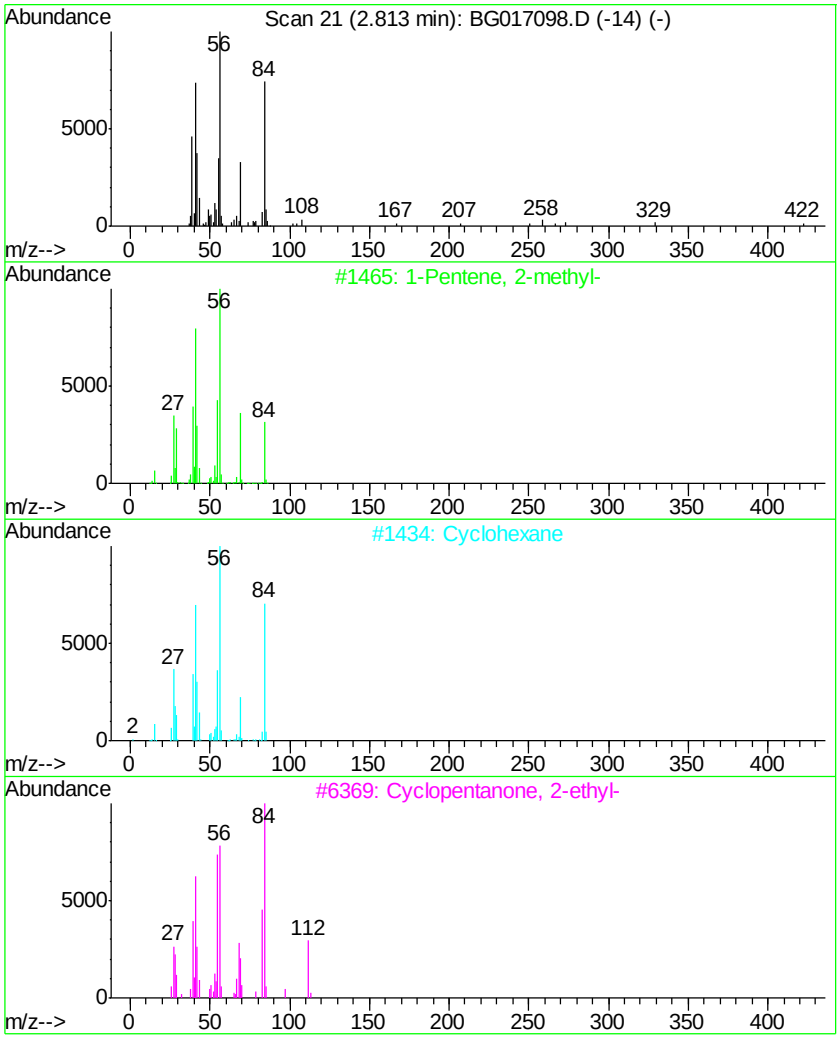
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

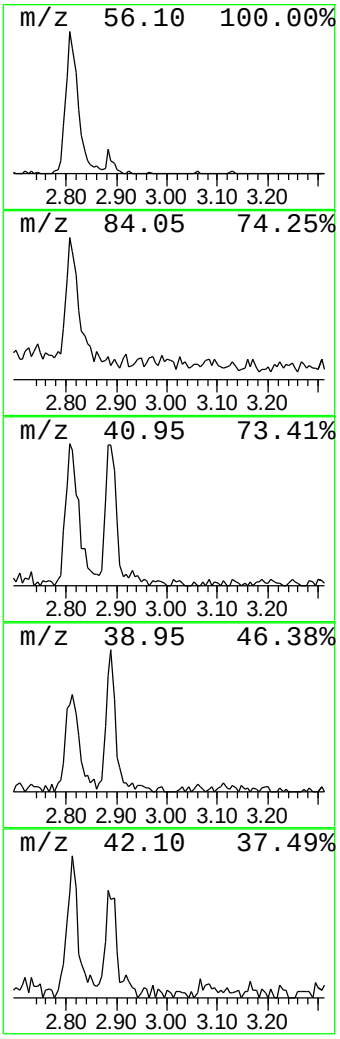
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	9.68 ng	113543	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	56
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	45
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	43





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Data File : BG017098.D
Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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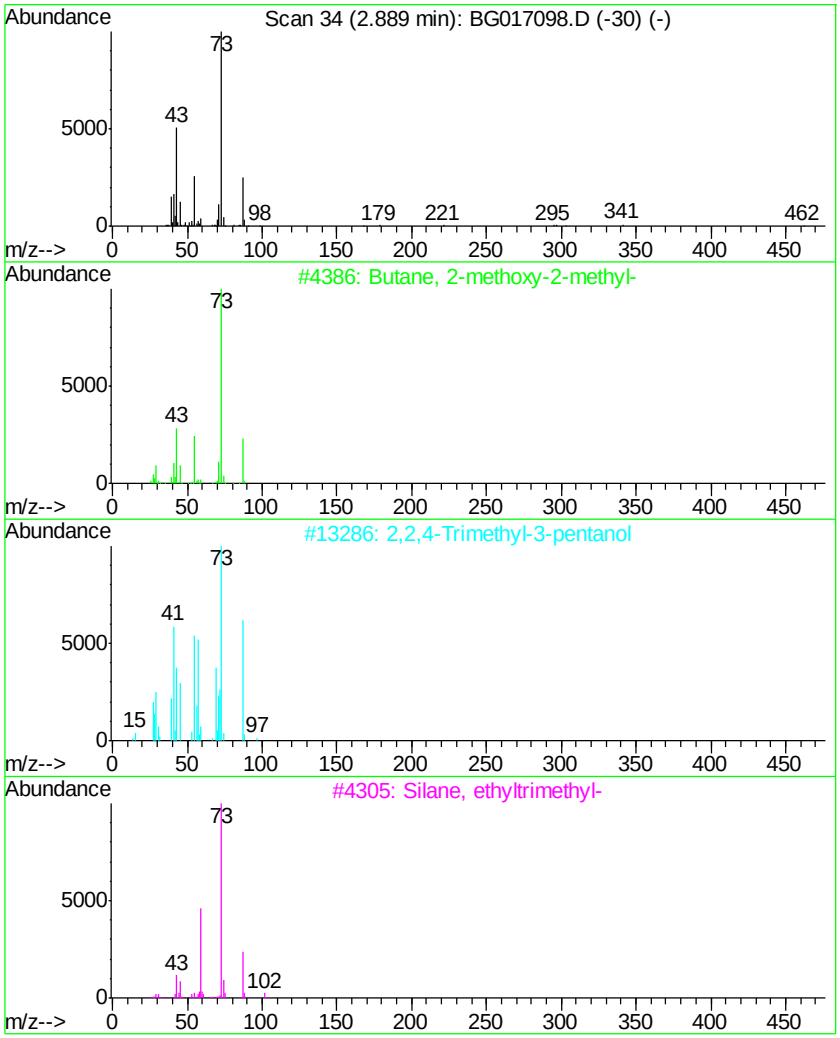
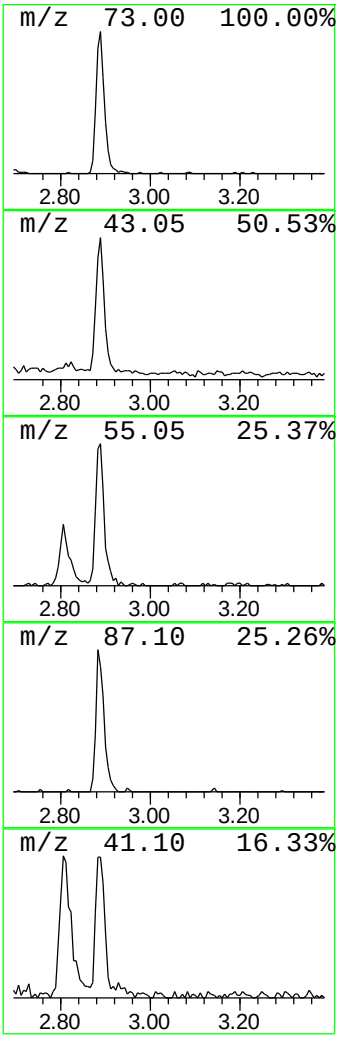
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	16.97 ng	199134	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017098.D
Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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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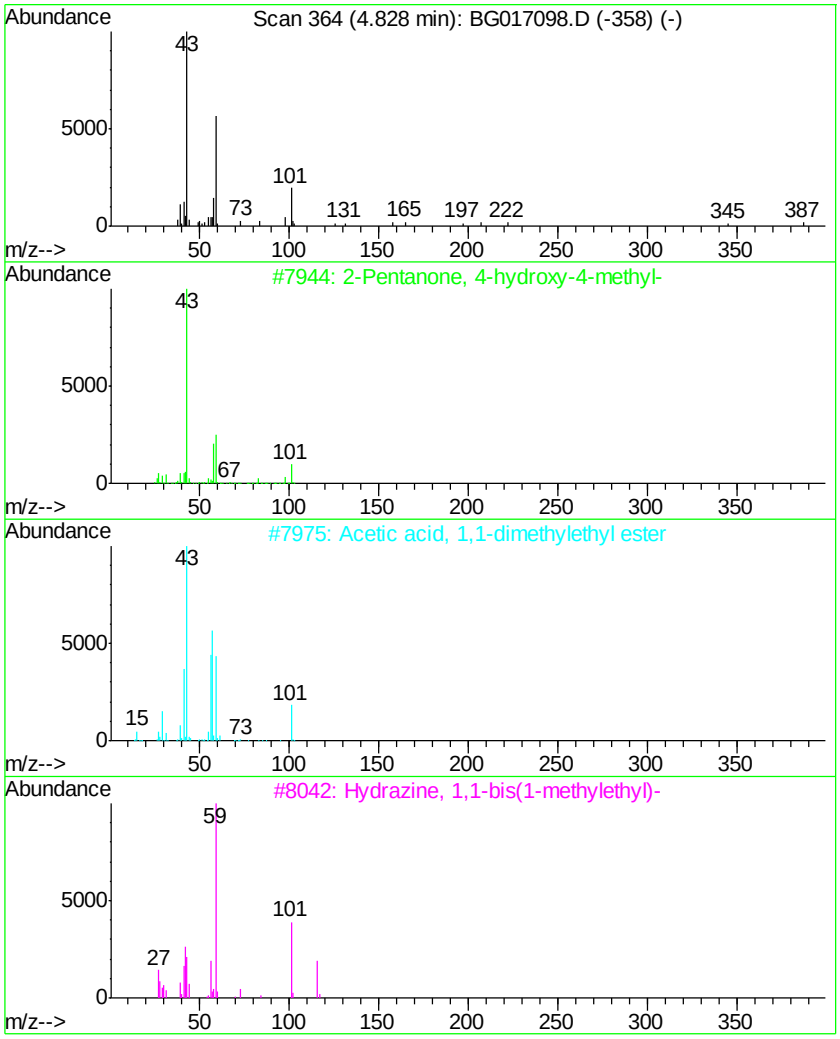
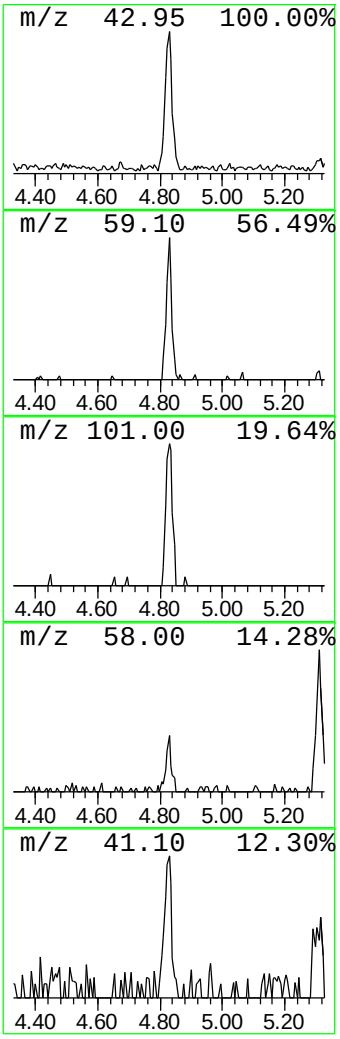
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	5.26 ng	61708	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	Allyl dithioacetate	132	C5H8S2	027249-83-8	17
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017098.D
Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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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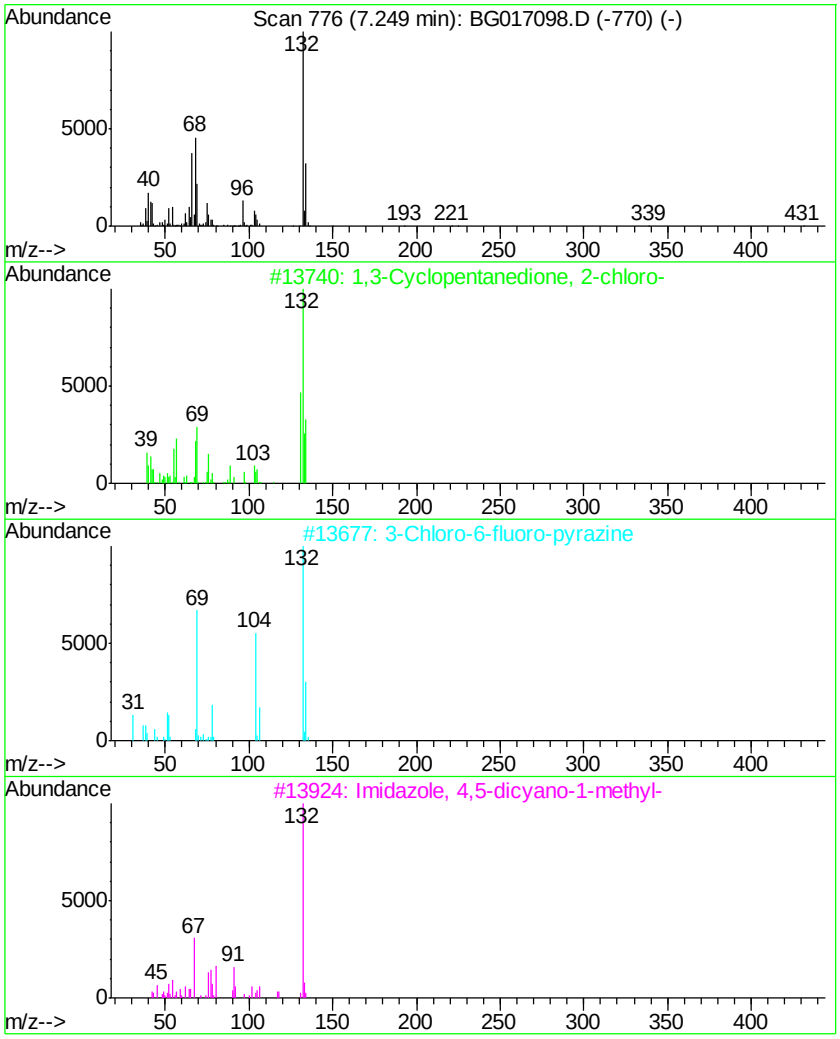
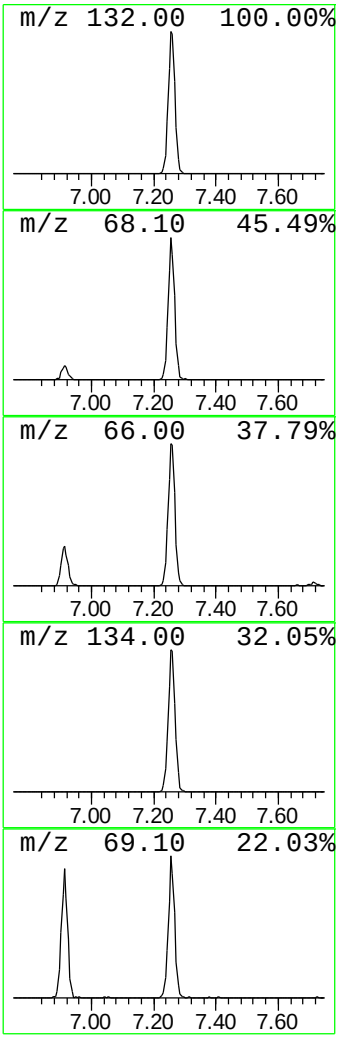
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	90.52 ng	1062160	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Acq On : 13 May 2015 00:05
Operator : TP/IZ
Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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

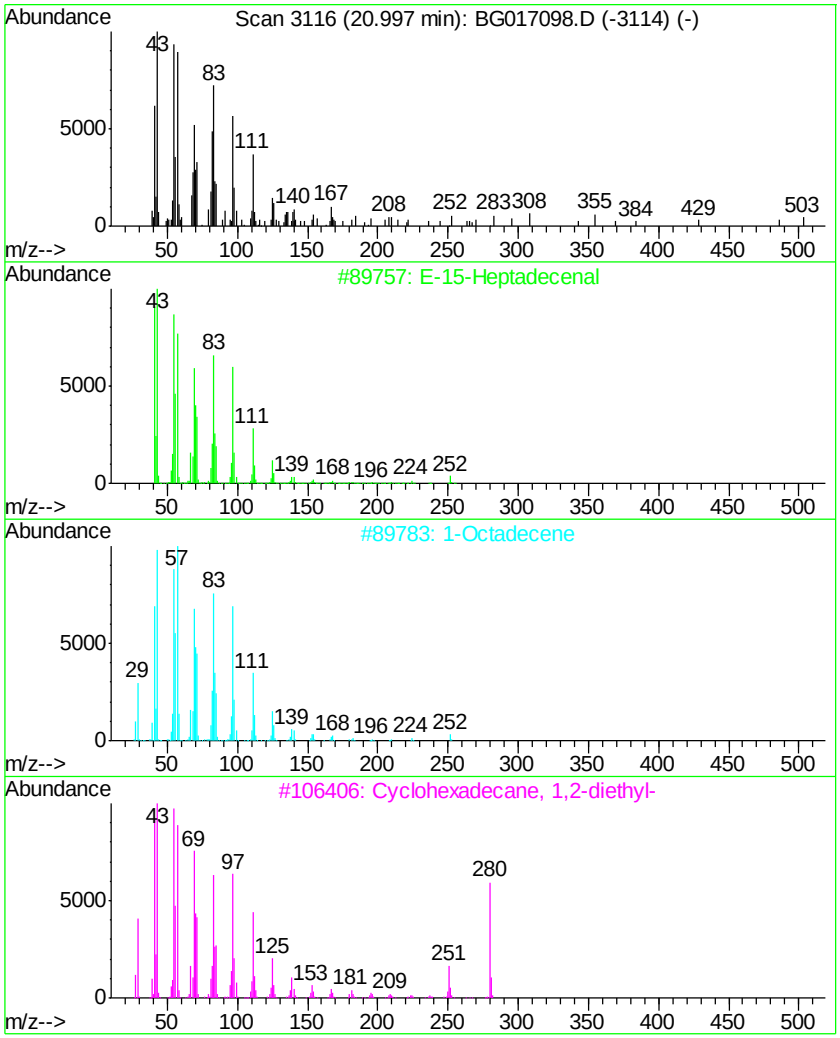
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

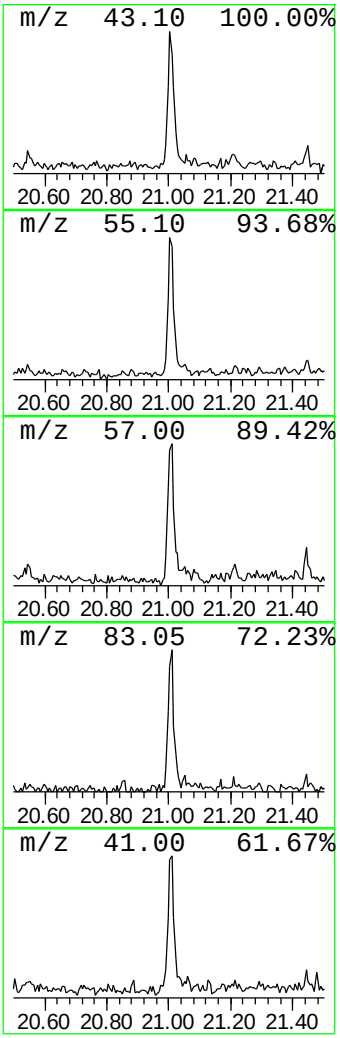
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.69 ng	159741	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	1-Octadecene	252	C18H36	000112-88-9	98
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
4	1-Eicosene	280	C20H40	003452-07-1	96
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	93





Tentatively Identified Compound (LSC) summary

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Sample : G2194-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-050615

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
1-Pentene, 2-methyl-	2.81	9.7	ng	113543	1	7.72	234692	20.0
Butane, 2-methoxy...	2.89	17.0	ng	199134	1	7.72	234692	20.0
2-Pentanone, 4-hy...	4.83	5.3	ng	61708	1	7.72	234692	20.0
unknown7.25	7.25	90.5	ng	1062160	1	7.72	234692	20.0
E-15-Heptadecenal	21.00	4.7	ng	159741	5	21.29	680982	20.0