LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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	2.790	13	17	27	rVV	133959	213788	11.34%	1.421%
2	2.872	27	31	35	rVV	92032	109310	5.80%	0.726%
3	2.913	36	38	44	rVB	18636	22154	1.17%	0.147%
4	4.206	254	258	264	rVB	29577	38770	2.06%	0.258%
5	4.805	354	360	368	rBV	113942	161673	8.57%	1.074%
6	5.281	435	441	451	rBV	793433	1106569	58.68%	7.354%
7	6.873	706	712	727	rBV	782325	1228797	65.16%	8.166%
8	7.226	763	772	782	rBV	789953	1228504	65.15%	8.164%
9	7.690	844	851	858	rBV	219205	336822	17.86%	2.238%
10	8.007	897	905	916	rBV	551404	870681	46.17%	5.786%
11	8.847	1041	1048	1058	rBV	450206	727416	38.57%	4.834%
12	10.475	1318	1325	1335	rBV	311491	514840	27.30%	3.422%
13	12.948	1739	1746	1759	rBV	977921	1429829	75.82%	9.502%
14	13.789	1884	1889	1898	rVB	63361	85178	4.52%	0.566%
15	14.329	1971	1981	1989	rBV2	472170	721351	38.25%	4.794%
16	15.181	2120	2126	2132	rVB2	22552	28370	1.50%	0.189%
17	15.816	2228	2234	2247	rBV	720409	1034352	54.85%	6.874%
18	16.045	2268	2273	2283	rBV2	23433	40395	2.14%	0.268%
19	17.073	2442	2448	2456	rBV2	592741	853057	45.24%	5.669%
20	17.966	2595	2600	2610	rBV2	57952	96522	5.12%	0.641%
21	19.253	2814	2819	2824	rBV5	18683	33027	1.75%	0.219%
22	19.699	2889	2895	2902	rBV	1469022	1885727	100.00%	12.532%
23	20.387	3006	3012	3017	rBV5	15722	27707	1.47%	0.184%
24	20.957	3105	3109	3121	rBV	171834	261357	13.86%	1.737%
25	21.162	3140	3144	3151	rBV2	14269	19054	1.01%	0.127%
26	21.245	3153	3158	3168	rBV	696923	900101	47.73%	5.982%
27	21.397	3181	3184	3188	rBV5	15762	19485	1.03%	0.129%
28	21.826	3254	3257	3263	rBV6	17158	28901	1.53%	0.192%
29	22.285	3332	3335	3341	rVB5	21391	31323	1.66%	0.208%
30	22.414	3355	3357	3361	rVB2	18064	19057	1.01%	0.127%
31	22.796	3418	3422	3427	rBV	25198	37627	2.00%	0.250%
32	23.366	3515	3519	3524	rVB2	22477	35532	1.88%	0.236%
33	23.489	3532	3540	3552	rBV	435517	851196	45.14%	5.657%
34	24.012	3625	3629	3638	rVB4	24344	48435	2.57%	0.322%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OS-2A

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

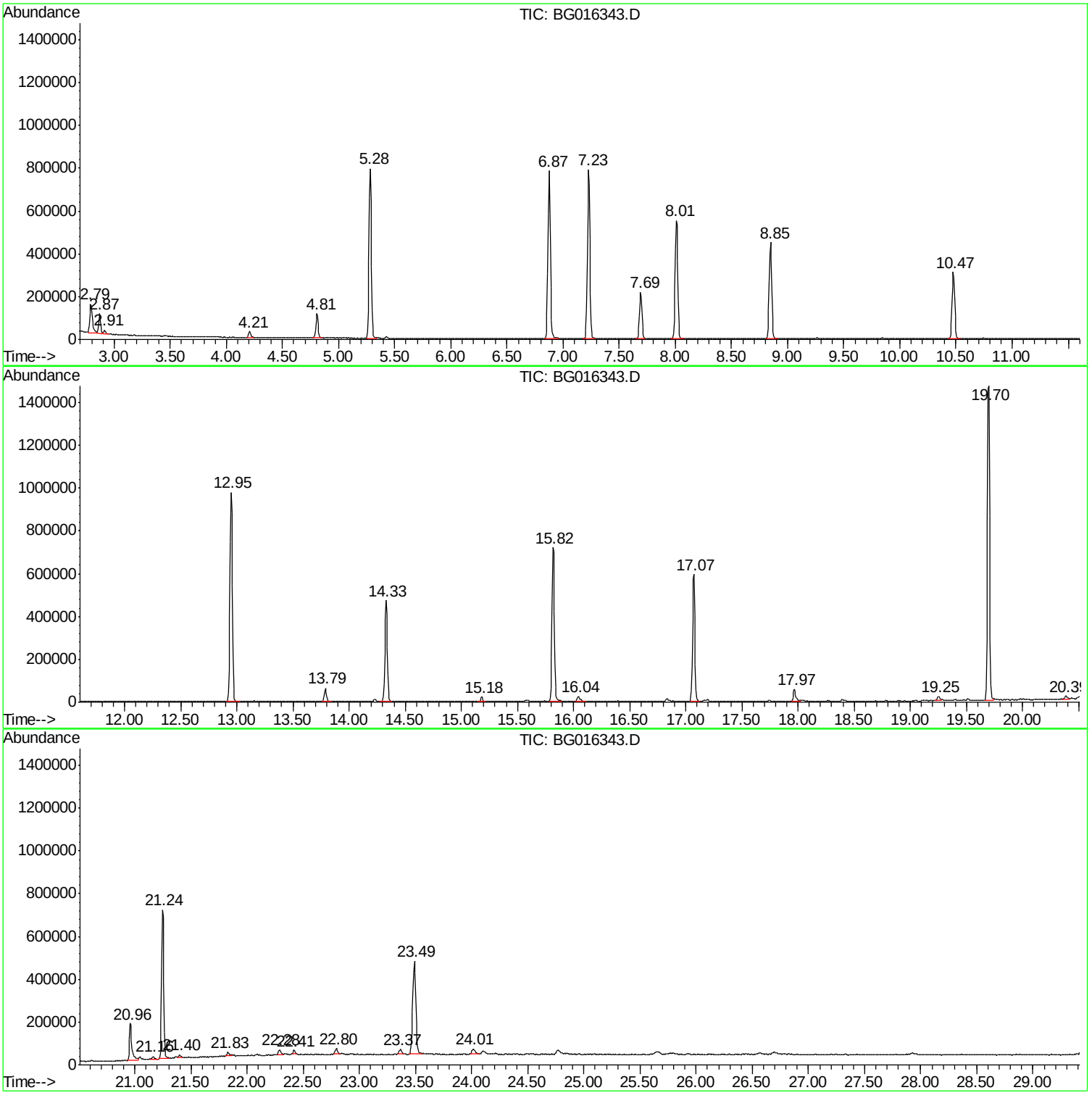
Sum of corrected areas: 15046907

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

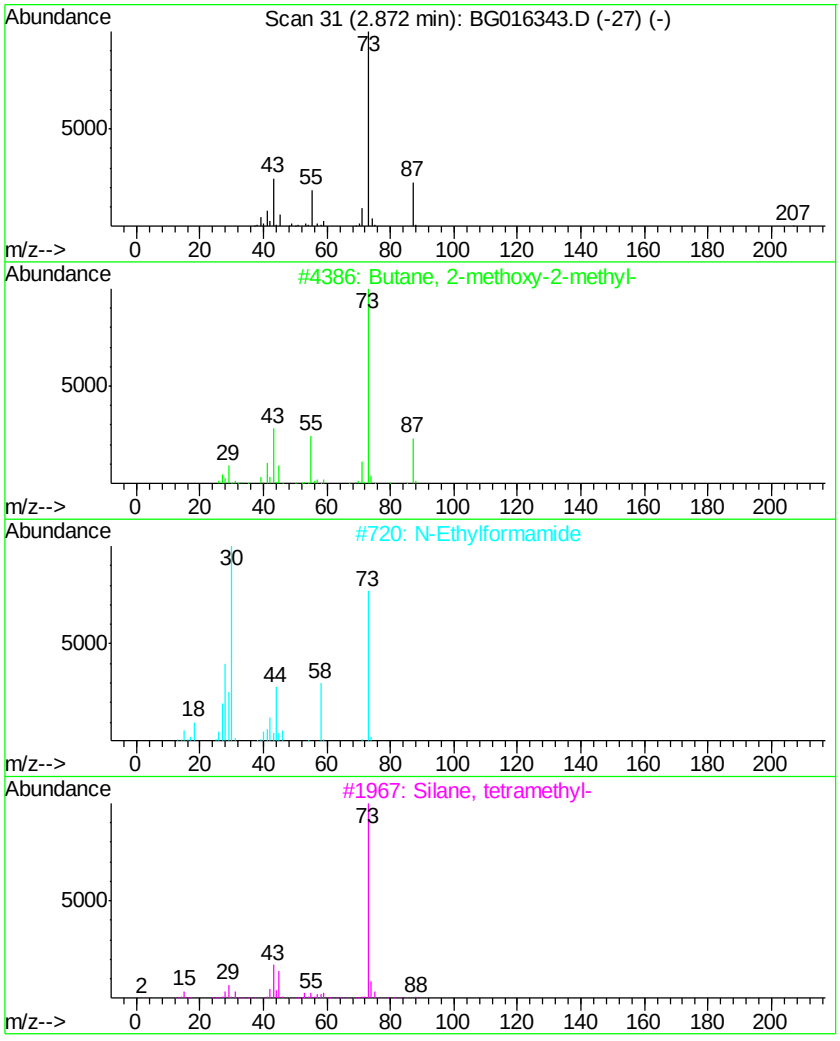
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

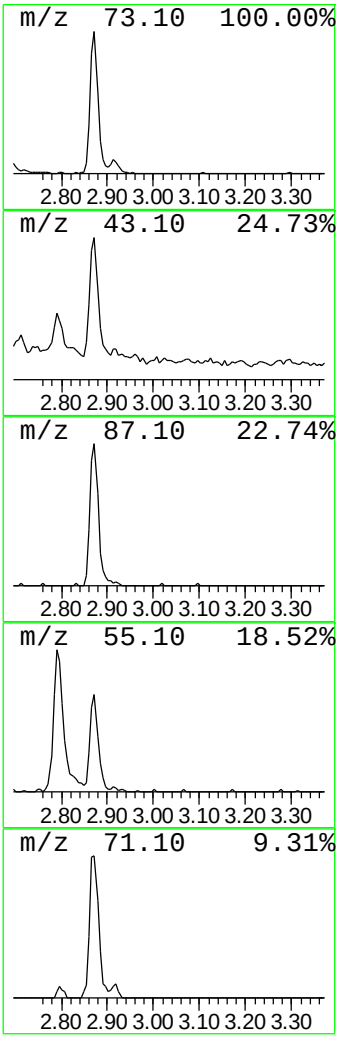
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.49 ng	109310	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

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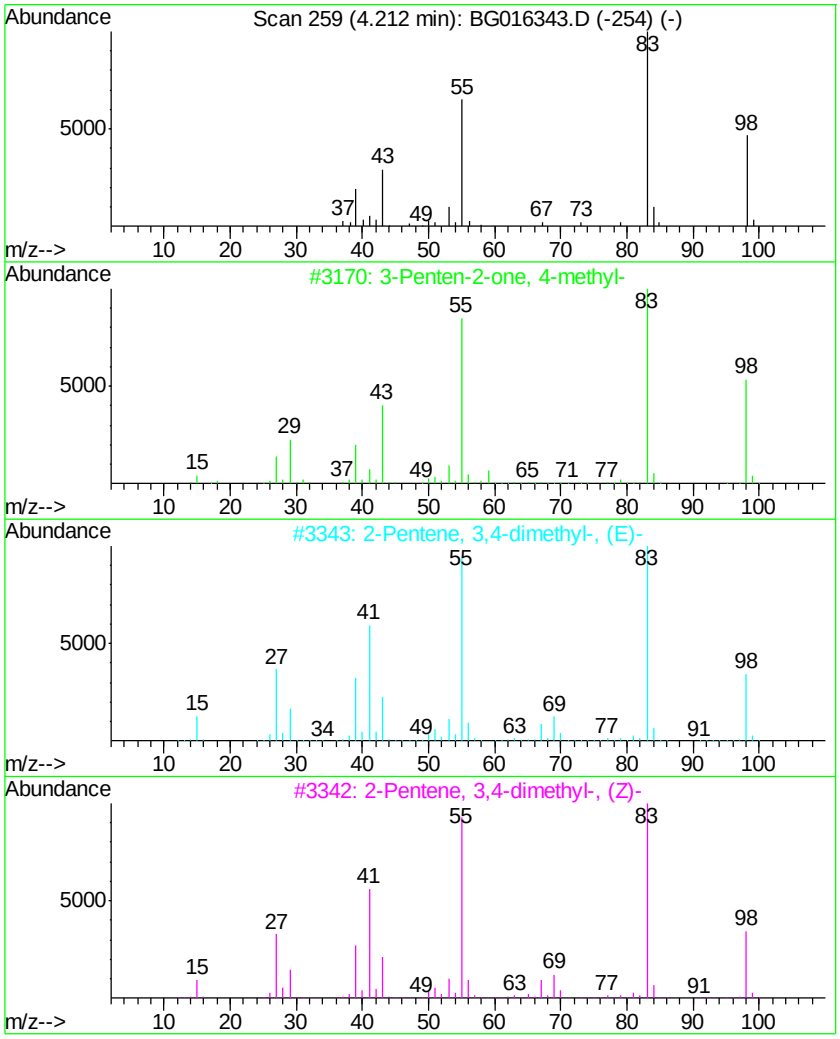
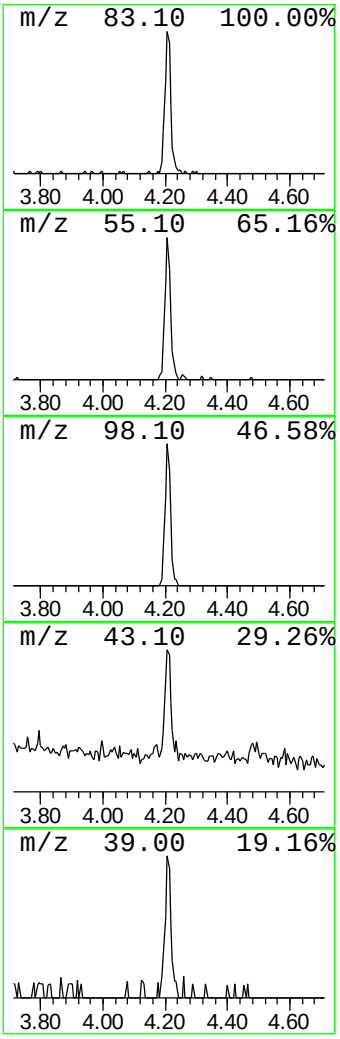
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	2.30 ng	38770	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	83
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	83
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

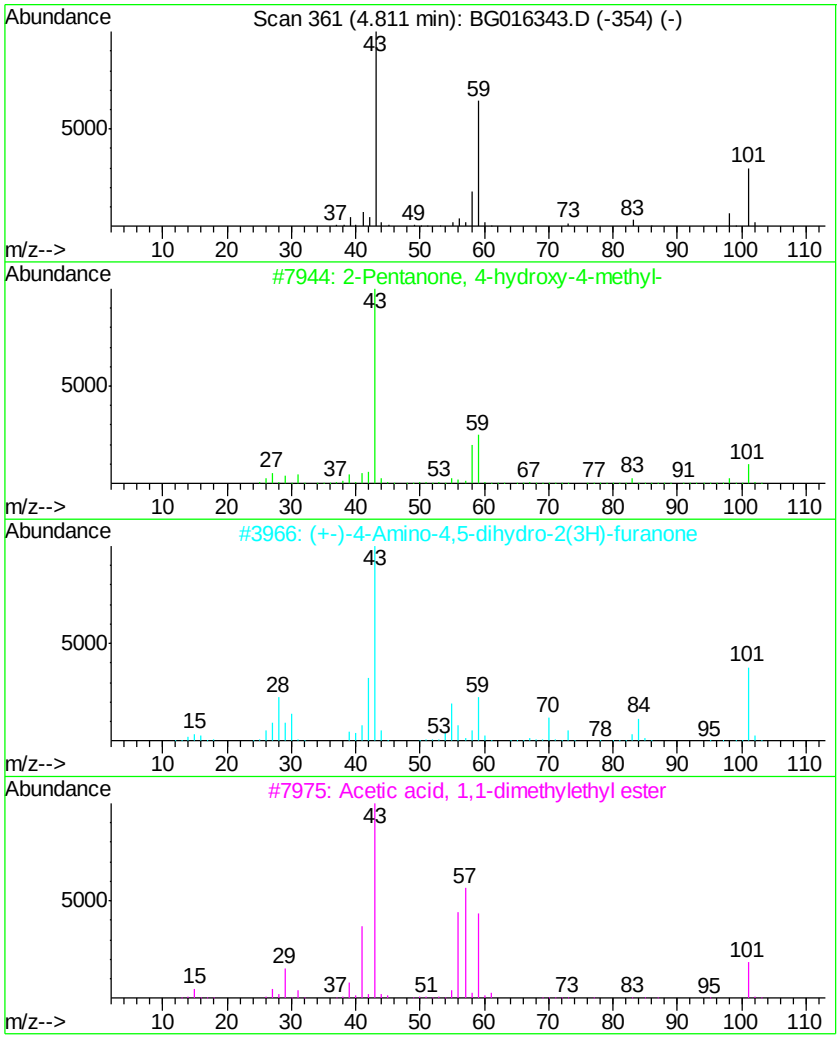
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

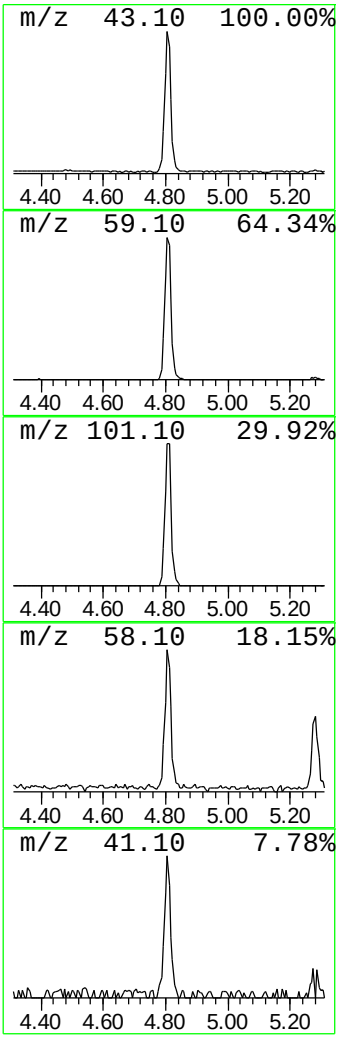
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	9.60 ng	161673	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

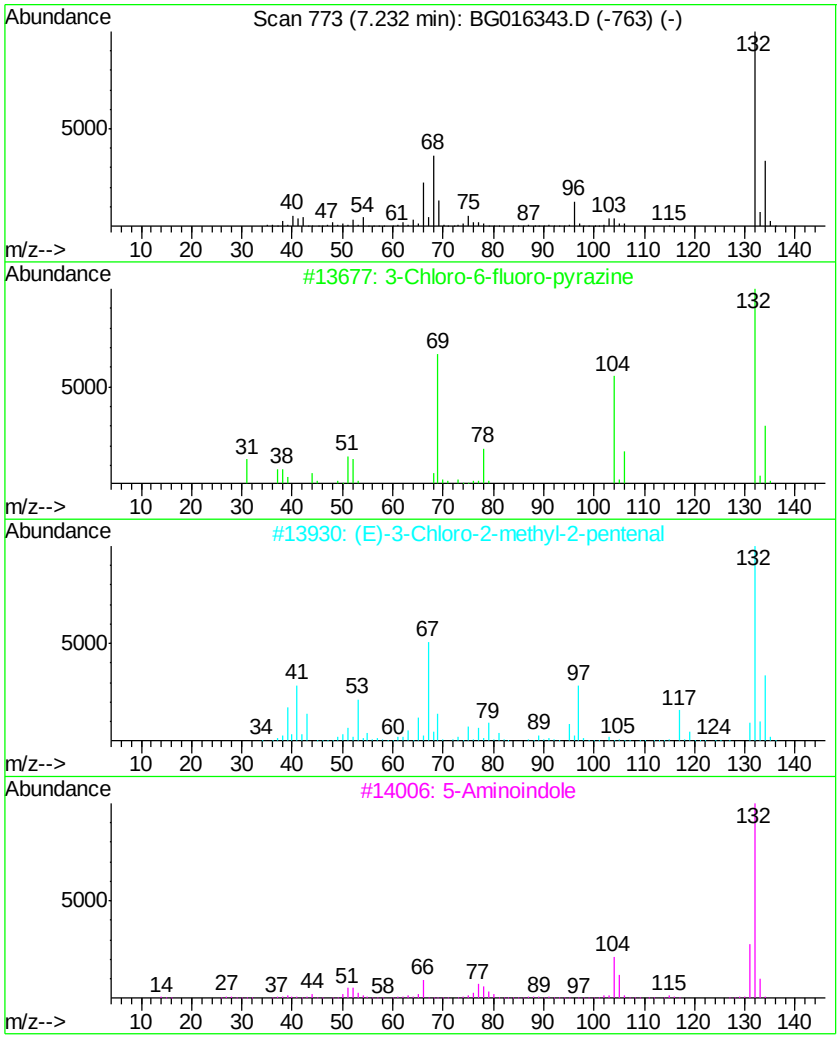
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

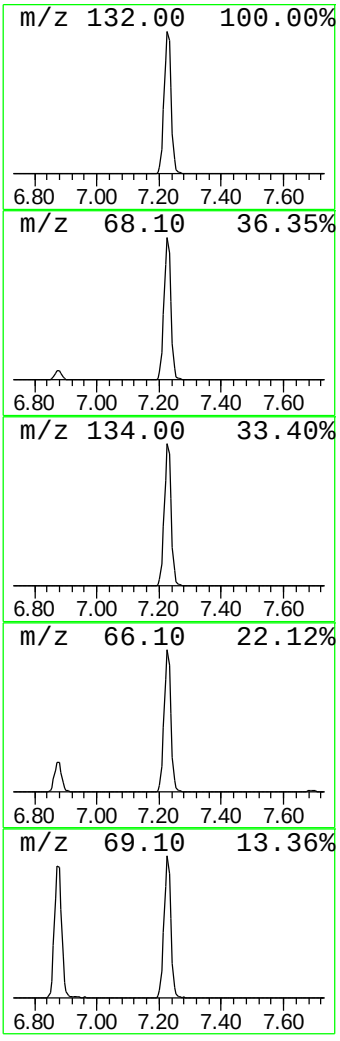
****

Peak Number 5 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	72.95 ng	1228500	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

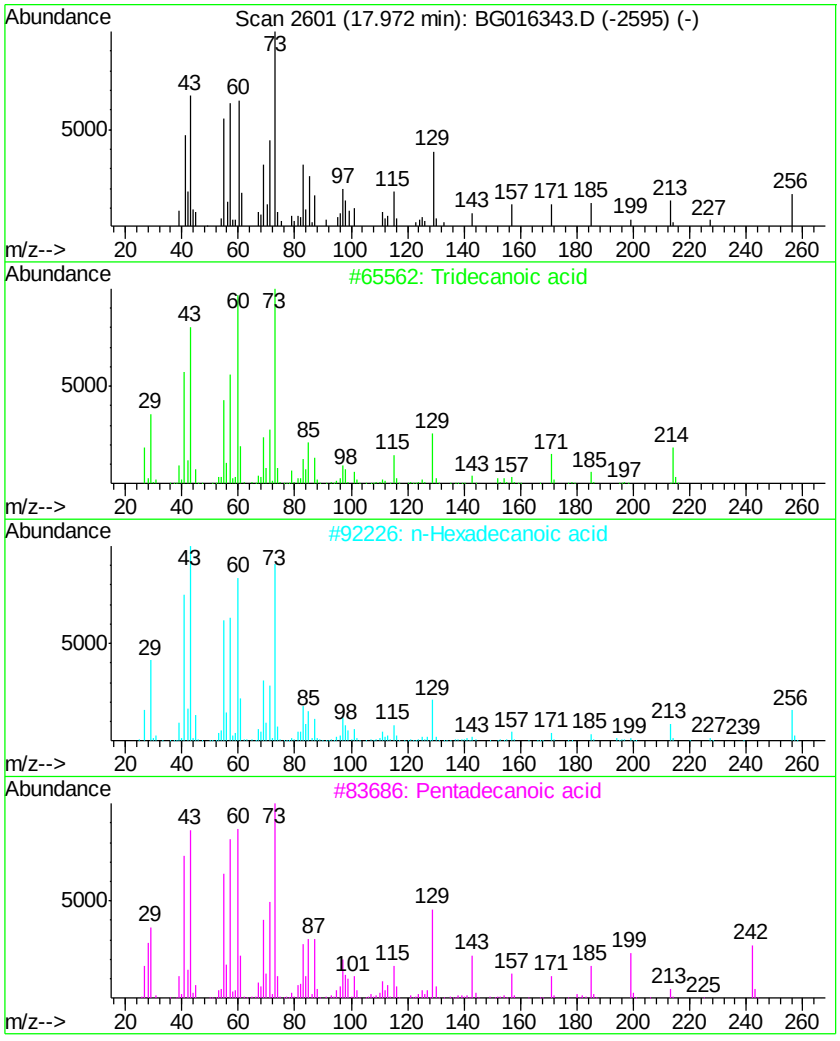
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

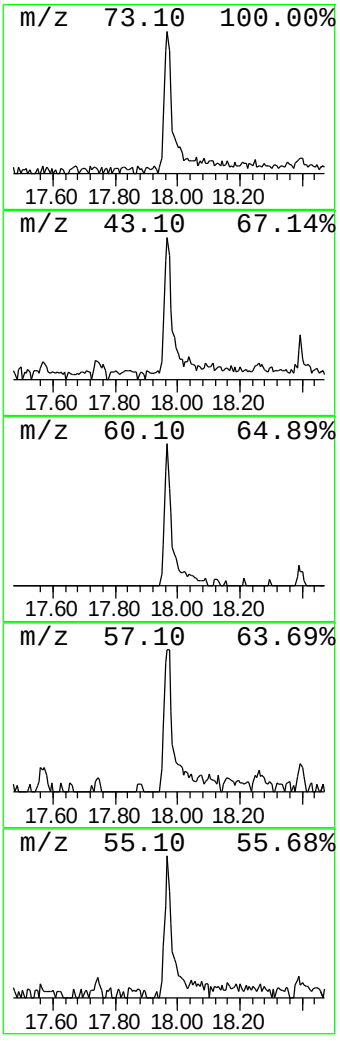
****

Peak Number 7 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.26 ng	96522	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Pentadecane	212	C15H32	000629-62-9	11





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Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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

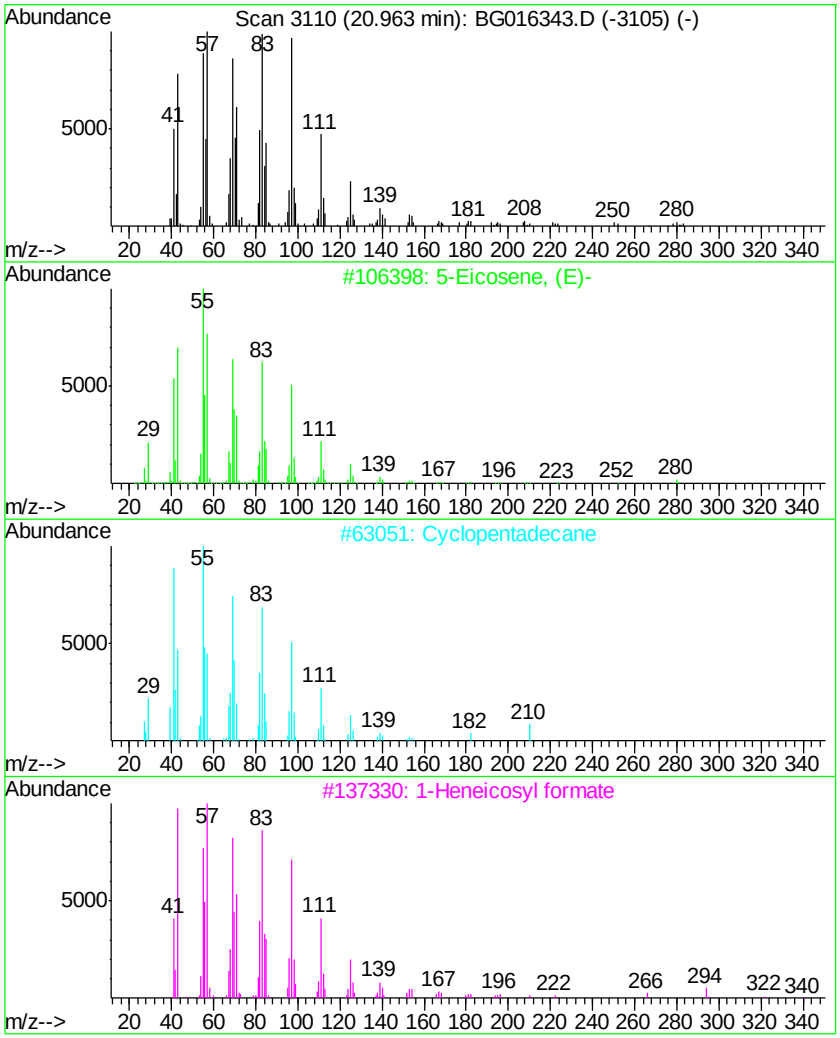
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

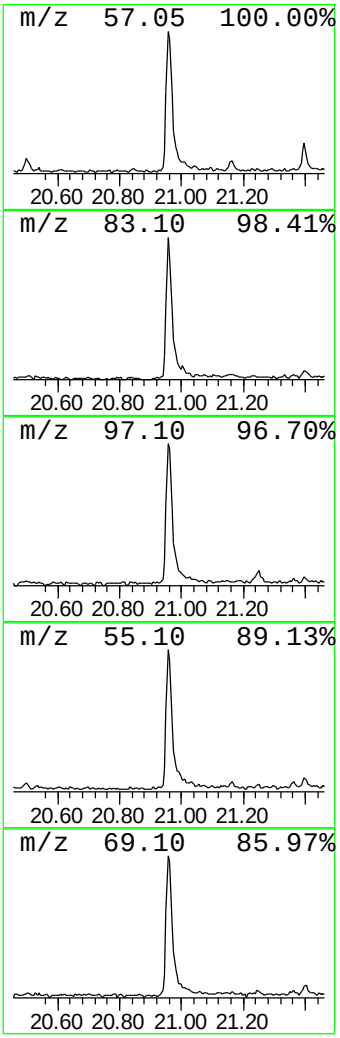
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.81 ng	261357	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016343.D
Acq On : 11 Apr 2015 8:14
Operator : TP/IZ
Sample : G1744-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OS-2A

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...	2.87	6.5	ng	109310	1	7.69	336822	20.0
3-Penten-2-one, 4...	4.21	2.3	ng	38770	1	7.69	336822	20.0
2-Pentanone, 4-hy...	4.81	9.6	ng	161673	1	7.69	336822	20.0
unknown7.23	7.23	73.0	ng	1228500	1	7.69	336822	20.0
Tridecanoic acid	17.97	2.3	ng	96522	4	17.07	853057	20.0
5-Eicosene, (E)-	20.96	5.8	ng	261357	5	21.24	900101	20.0