LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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	2.793	13	18	27	rVV	127632	202072	10.72%	1.359%
2	2.870	27	31	36	rVV	91028	107723	5.71%	0.725%
3	2.917	36	39	46	rVB3	19016	27109	1.44%	0.182%
4	4.204	254	258	268	rVB	28450	40798	2.16%	0.274%
5	4.803	354	360	370	rVB	110892	164562	8.73%	1.107%
6	5.279	435	441	451	rBV	795692	1106036	58.66%	7.440%
7	6.877	706	713	726	rBV	800445	1235445	65.53%	8.311%
8	7.224	765	772	785	rBV	775456	1233449	65.42%	8.297%
9	7.688	844	851	859	rBV	215621	338513	17.95%	2.277%
10	8.011	899	906	913	rBV	557306	877259	46.53%	5.901%
11	8.845	1038	1048	1057	rBV	460238	729412	38.69%	4.907%
12	10.479	1319	1326	1334	rBV	319600	521596	27.67%	3.509%
13	12.952	1740	1747	1755	rBV	966492	1449766	76.90%	9.752%
14	13.786	1885	1889	1899	rVB	57455	82979	4.40%	0.558%
15	14.333	1975	1982	1991	rVB2	473064	722378	38.32%	4.859%
16	15.185	2123	2127	2131	rVB	21669	26516	1.41%	0.178%
17	15.819	2228	2235	2247	rBV	727935	1017153	53.95%	6.842%
18	16.043	2269	2273	2276	rBV	24315	32018	1.70%	0.215%
19	17.071	2440	2448	2457	rBV	623889	860152	45.62%	5.786%
20	17.970	2596	2601	2611	rBV	48380	88427	4.69%	0.595%
21	19.251	2813	2819	2823	rBV3	23674	35186	1.87%	0.237%
22	19.697	2889	2895	2905	rBV	1580161	1885359	100.00%	12.683%
23	20.960	3105	3110	3121	rBV	165891	259553	13.77%	1.746%
24	21.248	3153	3159	3166	rBV	678939	886464	47.02%	5.963%
25	21.830	3254	3258	3262	rBV3	15647	23536	1.25%	0.158%
26	22.288	3333	3336	3340	rVB5	16904	19406	1.03%	0.131%
27	22.418	3354	3358	3363	rVB3	20144	30433	1.61%	0.205%
28	22.788	3419	3421	3426	rVB4	18103	22000	1.17%	0.148%
29	23.487	3533	3540	3550	rBV	462493	840460	44.58%	5.654%

Sum of corrected areas: 14865760

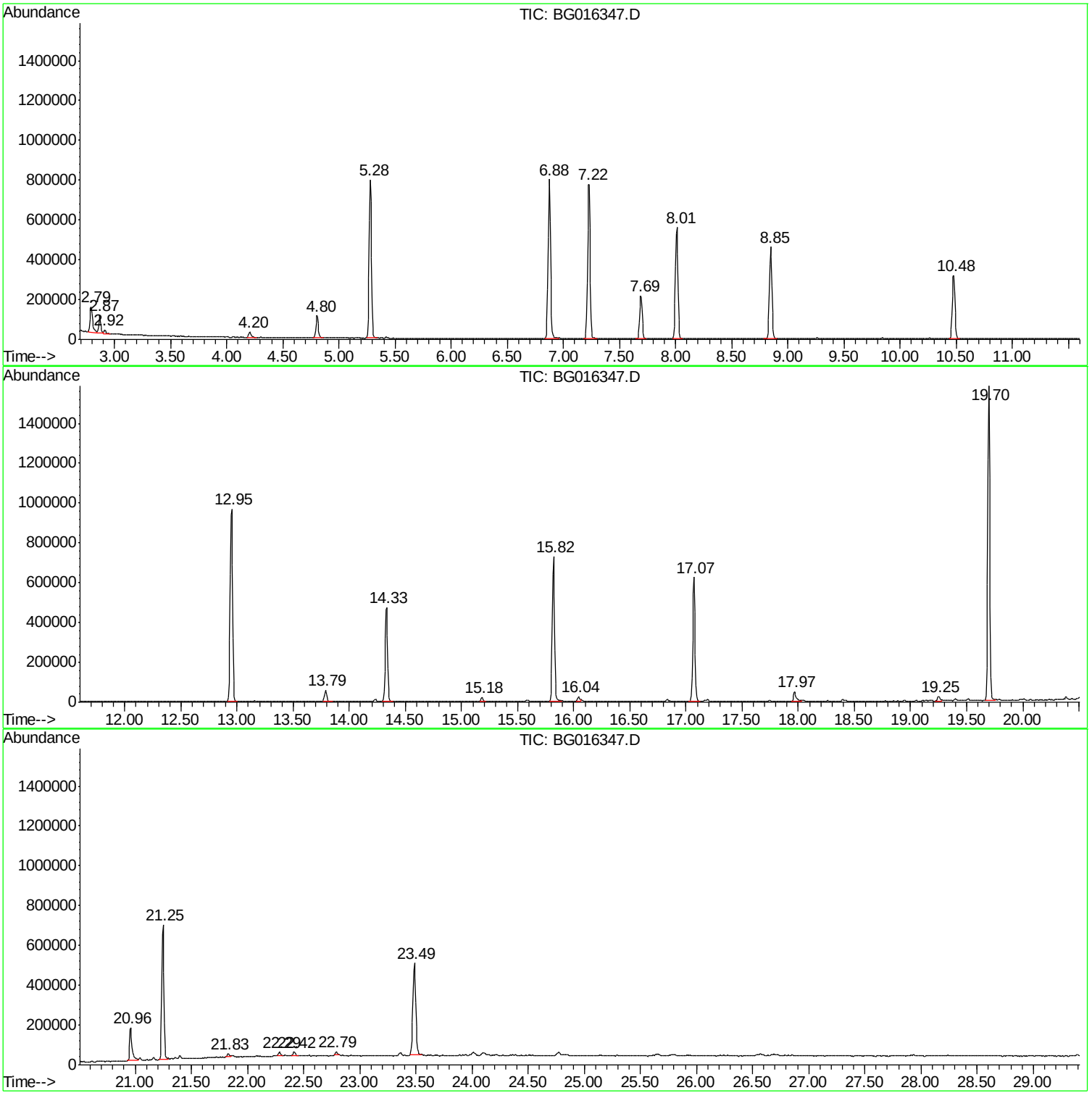
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

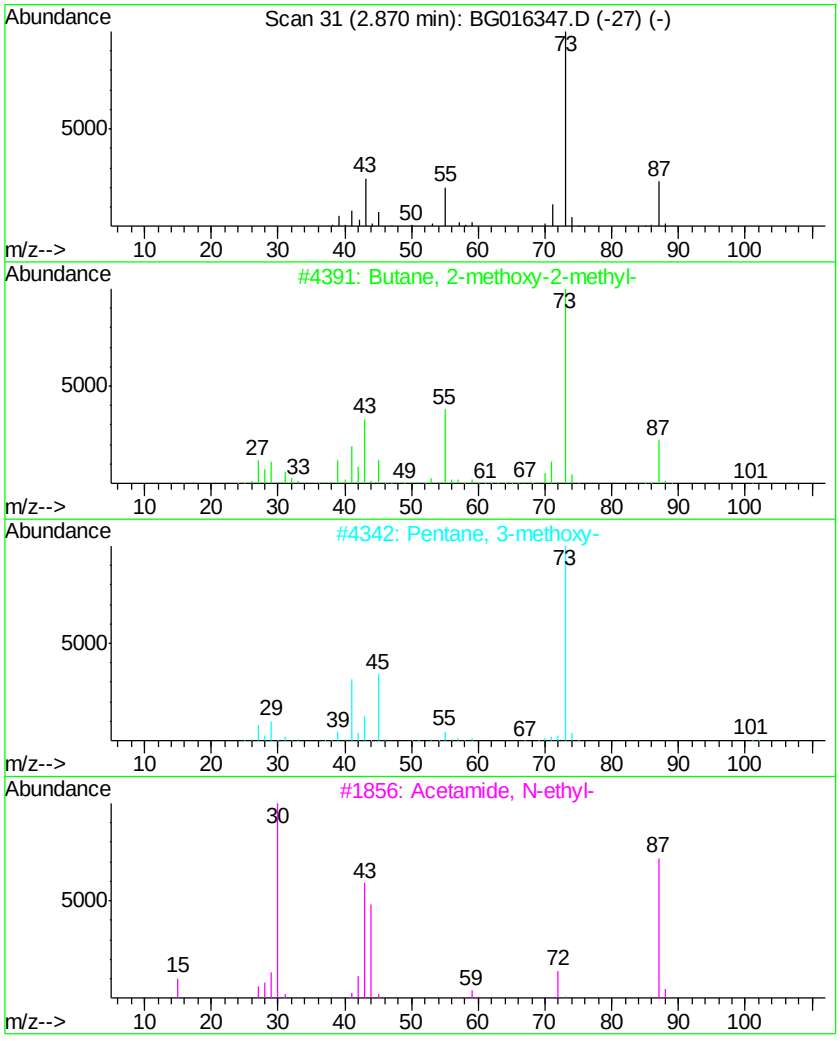
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

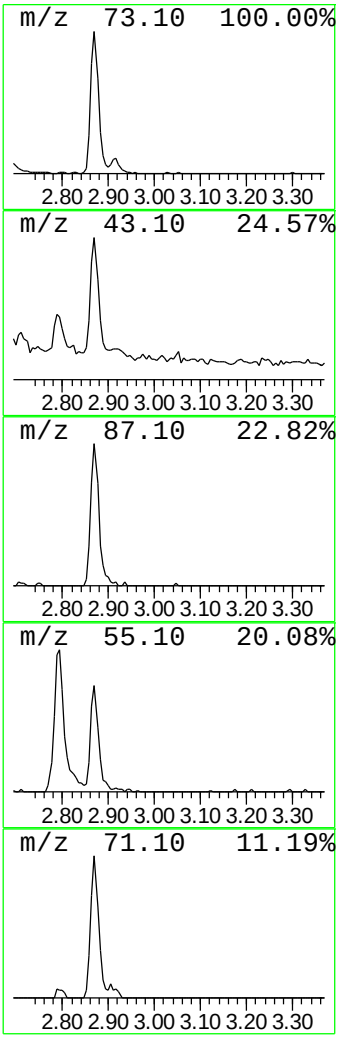
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.36 ng	107723	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

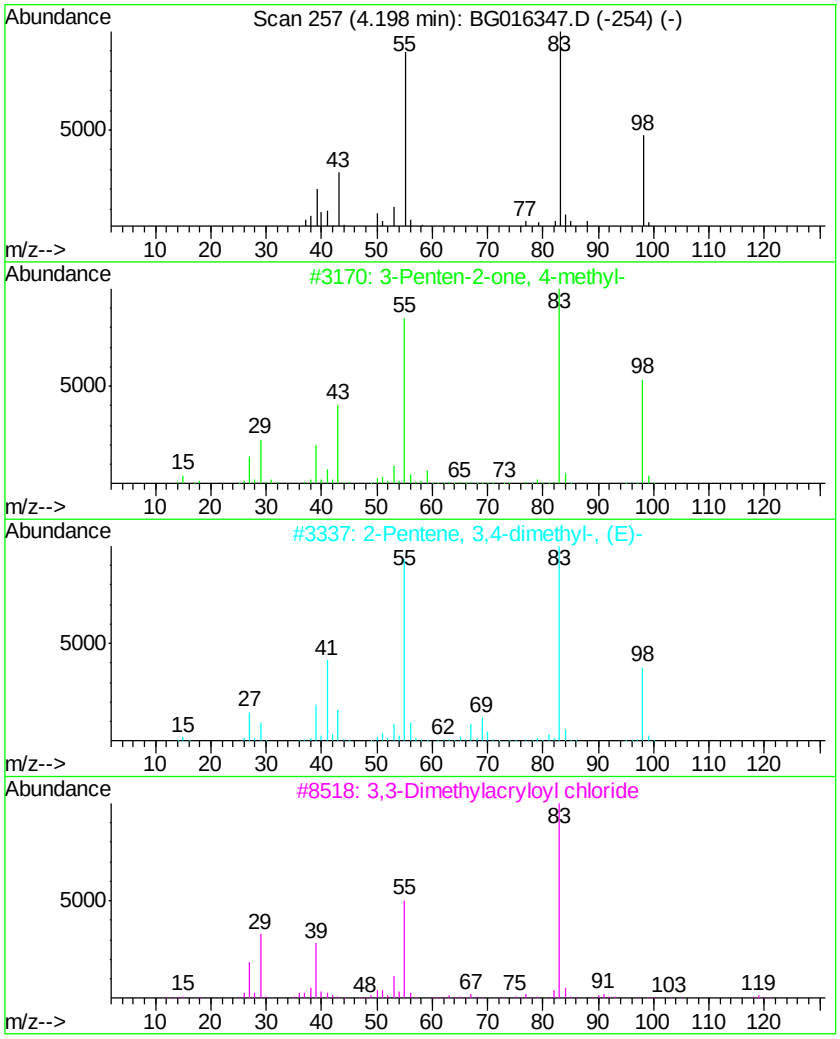
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

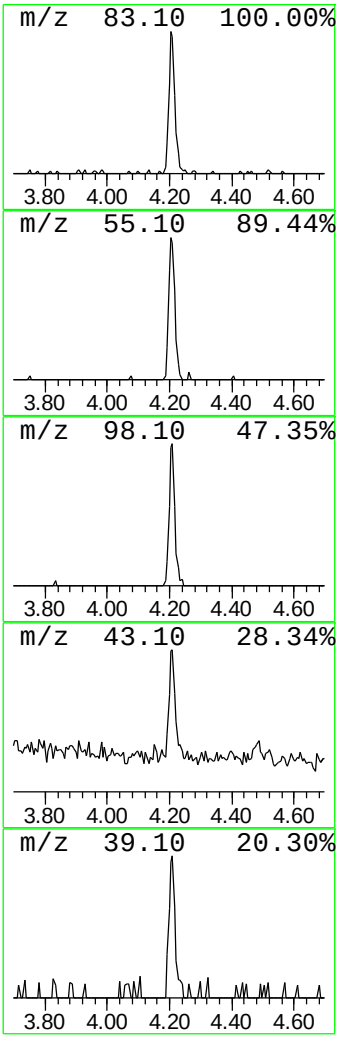
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	2.41 ng	40798	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	86
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
3	3,3-Dimethylacryloyl chloride	118	C5H7ClO	003350-78-5	53
4	3-Hexen-2-one	98	C6H10O	000763-93-9	53
5	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

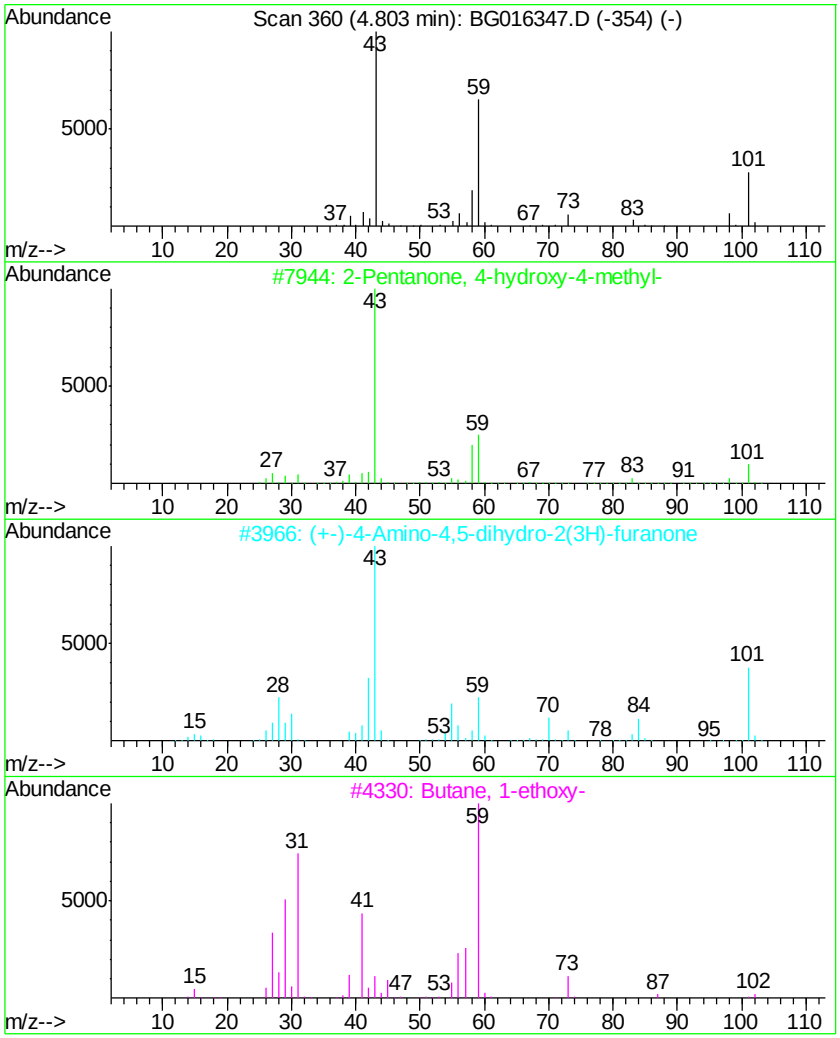
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

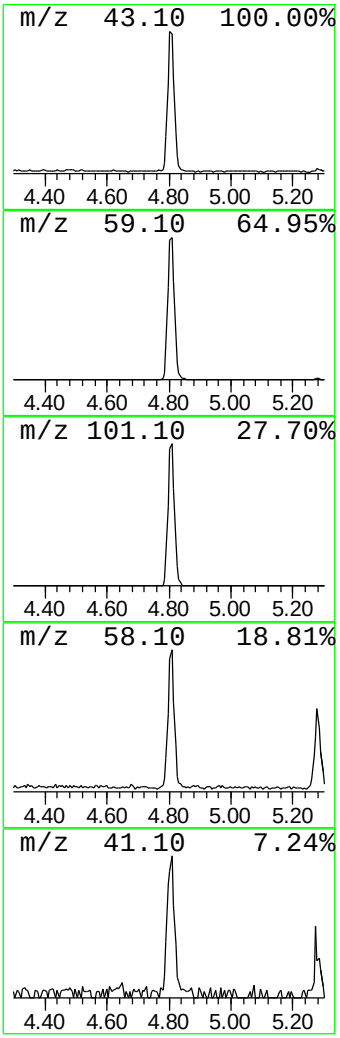
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	9.72 ng	164562	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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

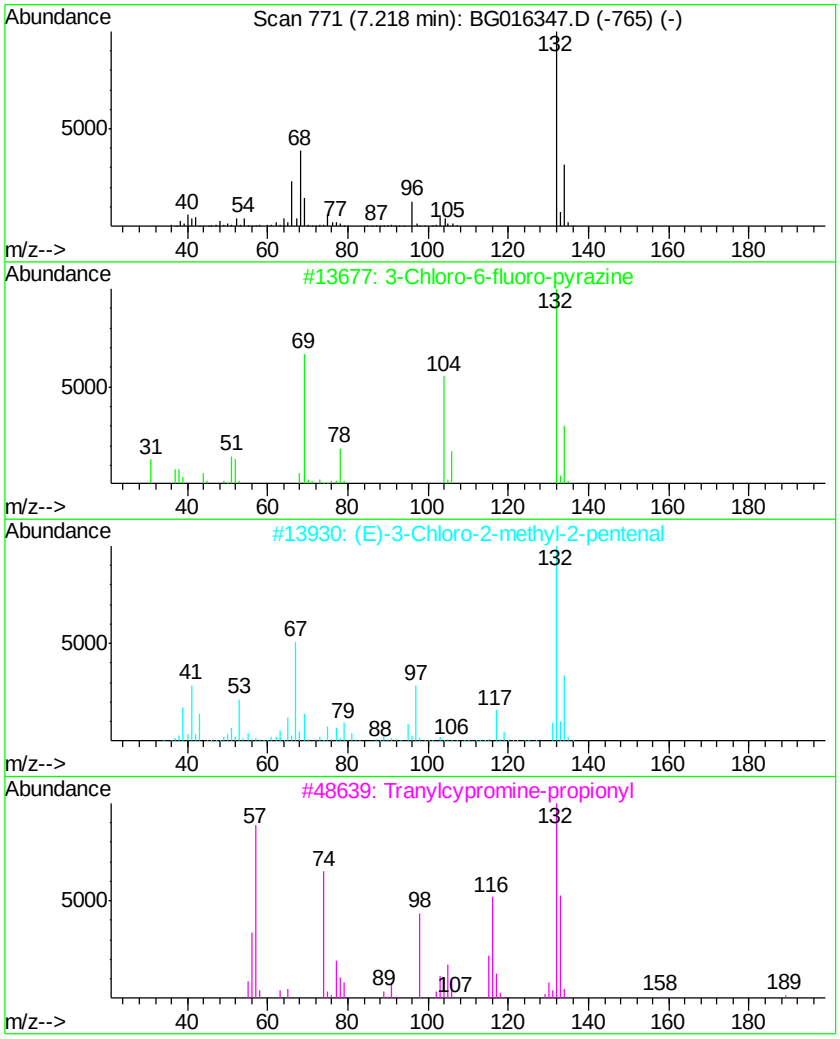
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

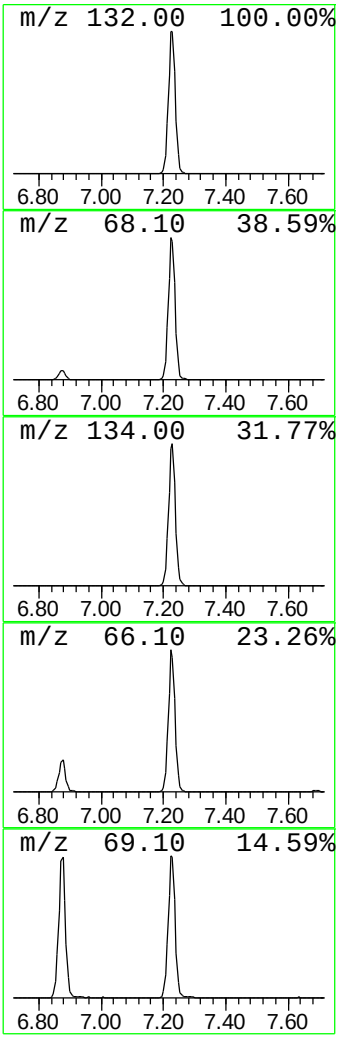
****

Peak Number 5 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	72.87 ng	1233450	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

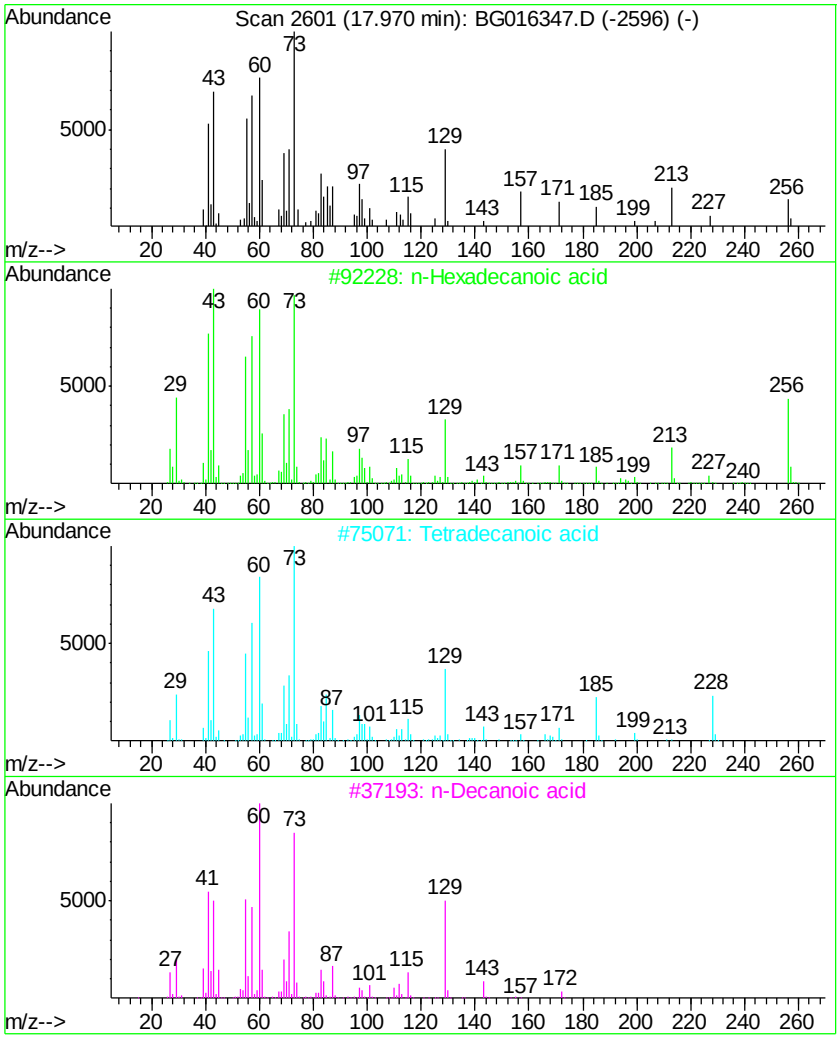
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

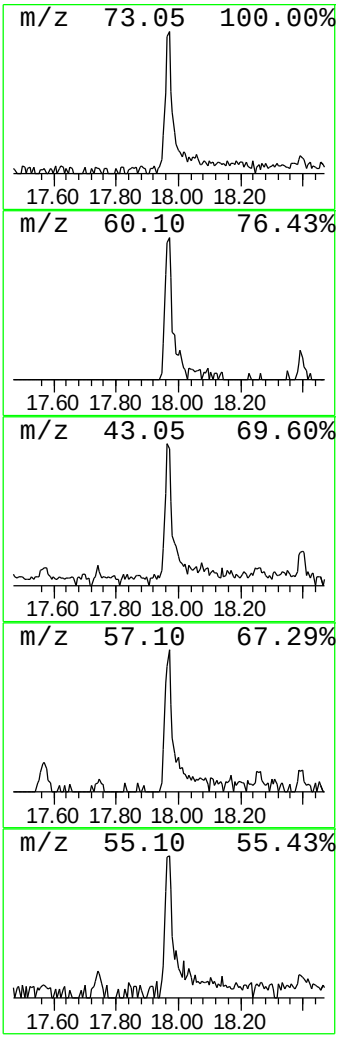
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.06 ng	88427	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Nonanoic acid	158	C9H18O2	000112-05-0	35
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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

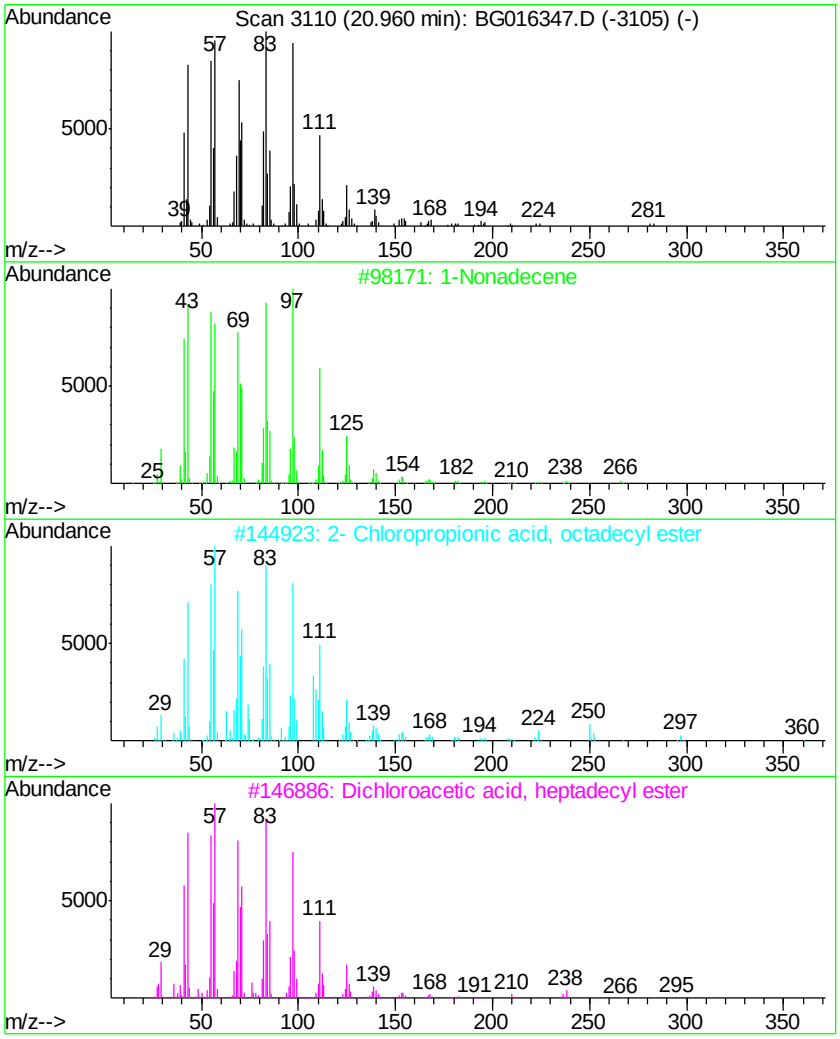
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

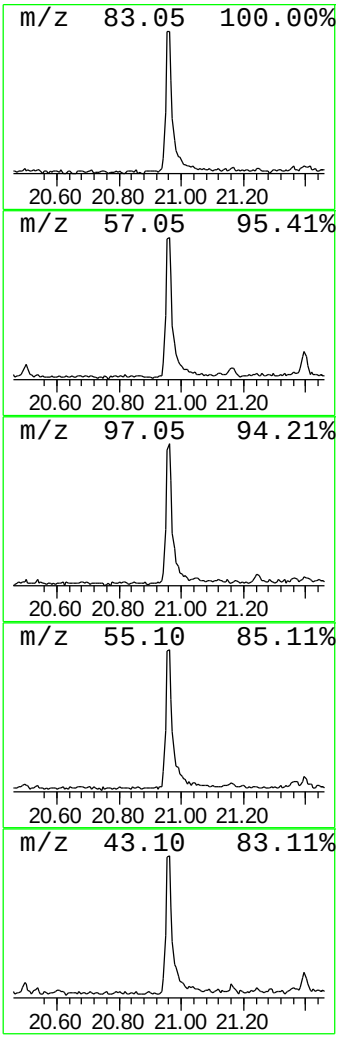
****

Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.86 ng	259553	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016347.D
Acq On : 11 Apr 2015 10:33
Operator : TP/IZ
Sample : G1806-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

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	6.4	ng	107723	1	7.69	338513	20.0
3-Penten-2-one, 4...	4.20	2.4	ng	40798	1	7.69	338513	20.0
2-Pentanone, 4-hy...	4.80	9.7	ng	164562	1	7.69	338513	20.0
unknown7.22	7.22	72.9	ng	1233450	1	7.69	338513	20.0
n-Hexadecanoic acid	17.97	2.1	ng	88427	4	17.07	860152	20.0
1-Nonadecene	20.96	5.9	ng	259553	5	21.25	886464	20.0