LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016711.D
Acq On : 25 Apr 2015 11:19
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG042315.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	2.746	6	10	24	rVB	334828	408300	14.49%	2.992%
2	4.703	336	343	349	rBV	91723	126441	4.49%	0.926%
3	5.184	420	425	438	rBV	222510	316546	11.23%	2.319%
4	6.788	692	698	710	rBV	130841	210979	7.49%	1.546%
5	7.129	750	756	766	rBV	451140	693538	24.61%	5.082%
6	7.593	827	835	844	rVB	143829	224543	7.97%	1.645%
7	7.911	882	889	896	rBV	775102	1182873	41.97%	8.667%
8	8.751	1024	1032	1047	rBV	571349	926884	32.89%	6.791%
9	10.378	1301	1309	1319	rBV	203471	340979	12.10%	2.498%
10	12.864	1725	1732	1741	rBV	1628921	2306486	81.83%	16.900%
11	13.704	1871	1875	1885	rVB2	31831	49035	1.74%	0.359%
12	14.244	1961	1967	1975	rBV2	312861	464842	16.49%	3.406%
13	14.562	2015	2021	2031	rBV	232861	385700	13.68%	2.826%
14	15.743	2216	2222	2232	rBV	538598	807548	28.65%	5.917%
15	16.753	2391	2394	2401	rBV3	25547	36944	1.31%	0.271%
16	16.988	2429	2434	2441	rBV2	396824	586244	20.80%	4.295%
17	17.899	2585	2589	2597	rBV	140708	221646	7.86%	1.624%
18	19.186	2804	2808	2815	rBV	121646	176182	6.25%	1.291%
19	19.626	2878	2883	2888	rBV	2348808	2818481	100.00%	20.651%
20	20.895	3096	3099	3107	rVB5	31515	44465	1.58%	0.326%
21	21.177	3142	3147	3155	rBV	567312	668576	23.72%	4.899%
22	23.387	3516	3523	3531	rBV2	347056	650869	23.09%	4.769%

Sum of corrected areas: 13648101

LSC Report - Integrated Chromatogram

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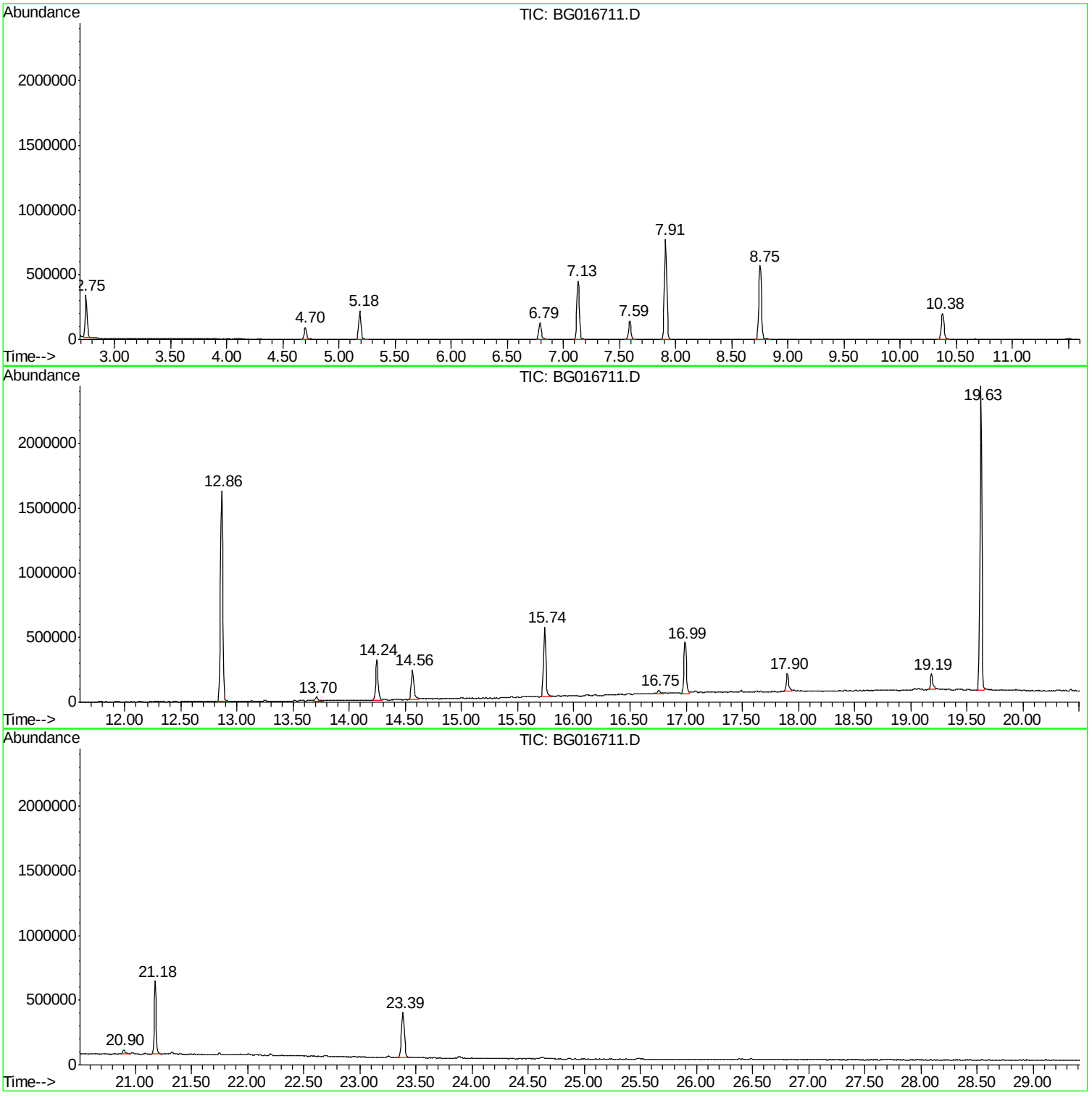
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042415\
Data File : BG016711.D
Acq On : 25 Apr 2015 11:19
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

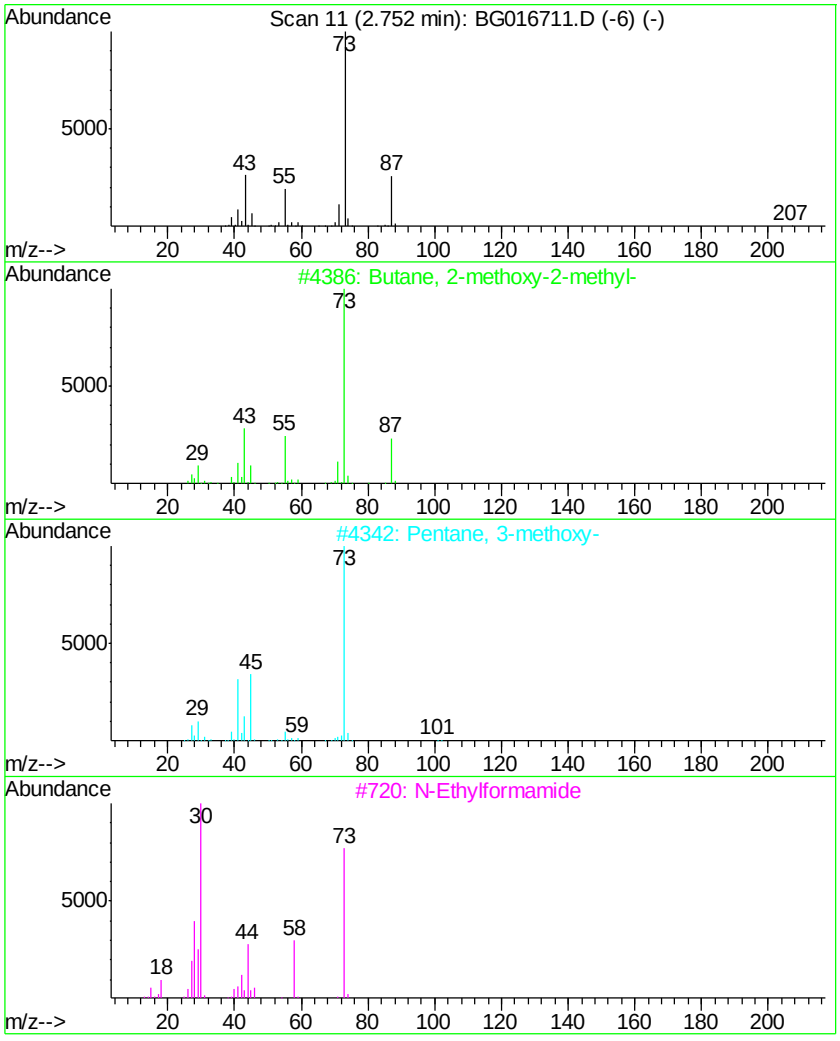
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

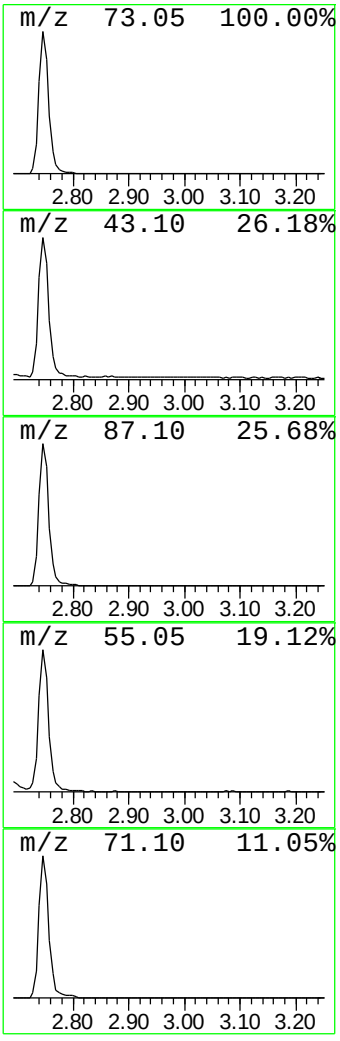
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	36.37 ng	408300	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016711.D
Acq On : 25 Apr 2015 11:19
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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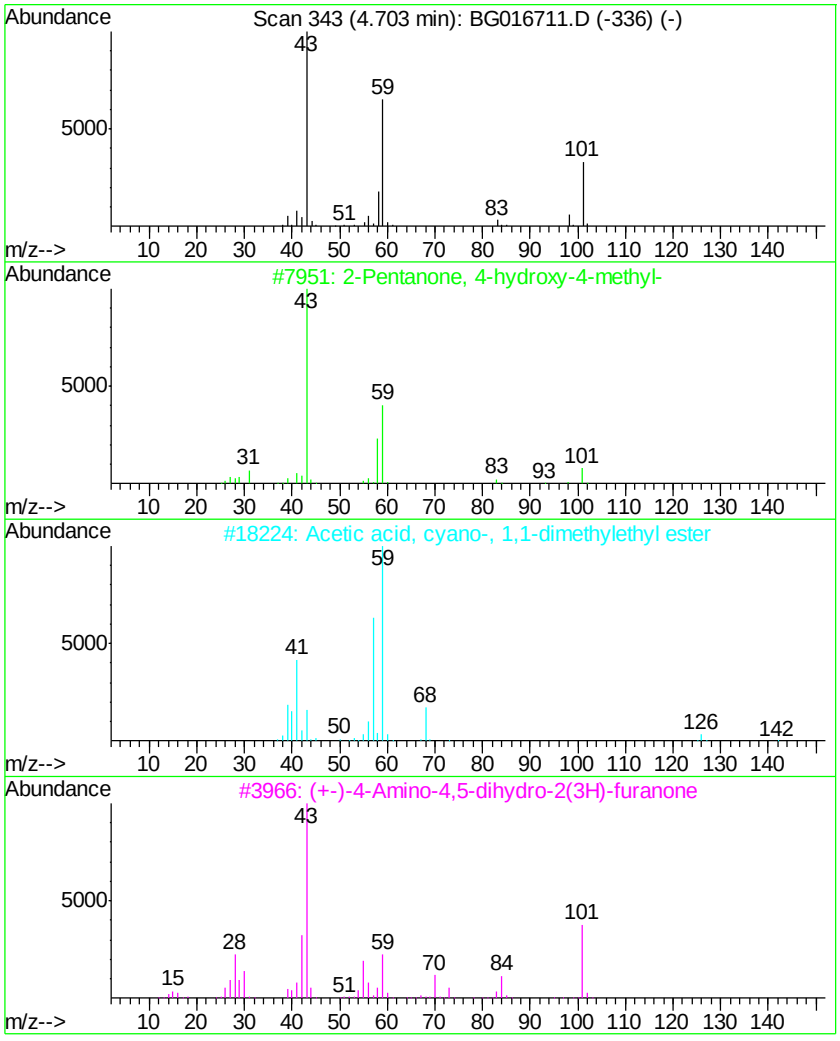
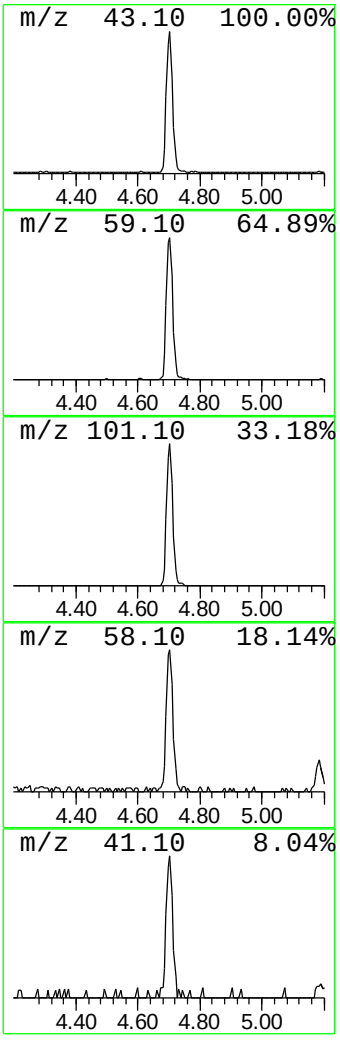
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	11.26 ng	126441	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BG016711.D
Acq On : 25 Apr 2015 11:19
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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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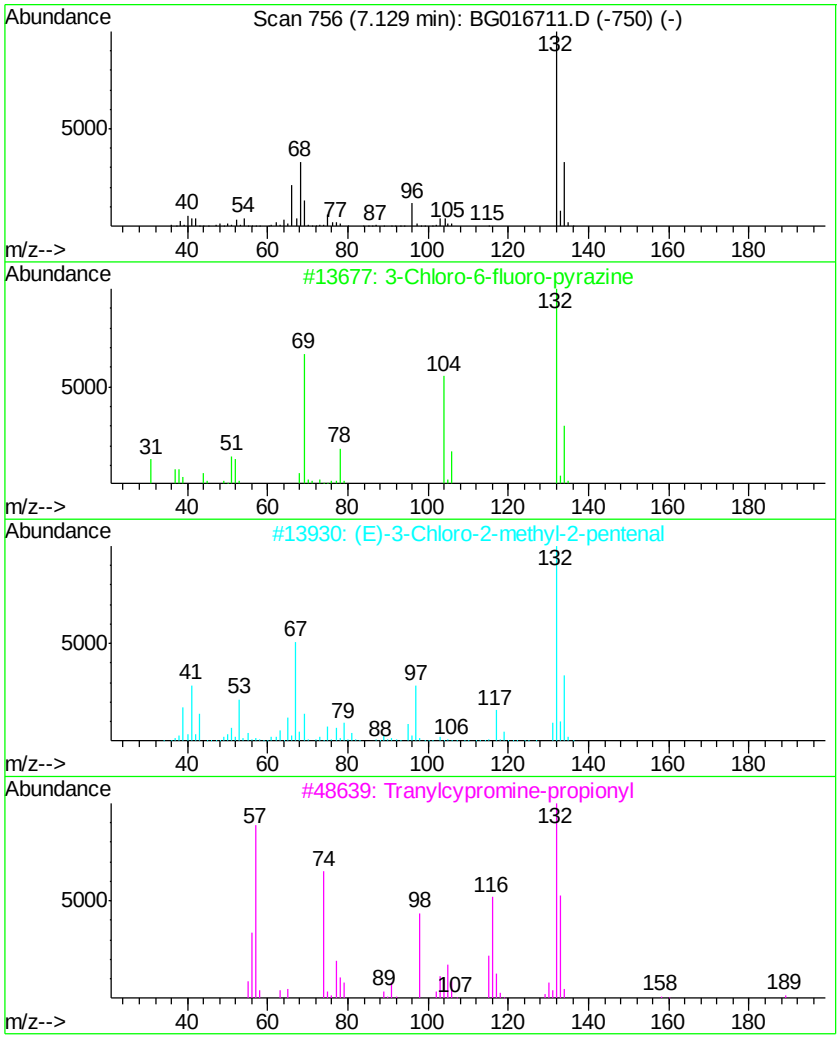
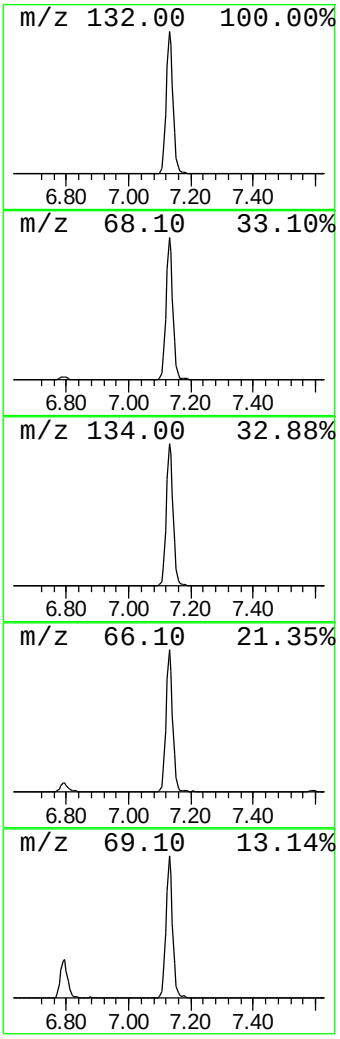
Peak Number 3 unknown7.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	61.77 ng	693538	1,4-Dichlorobenzene-d4	7.59

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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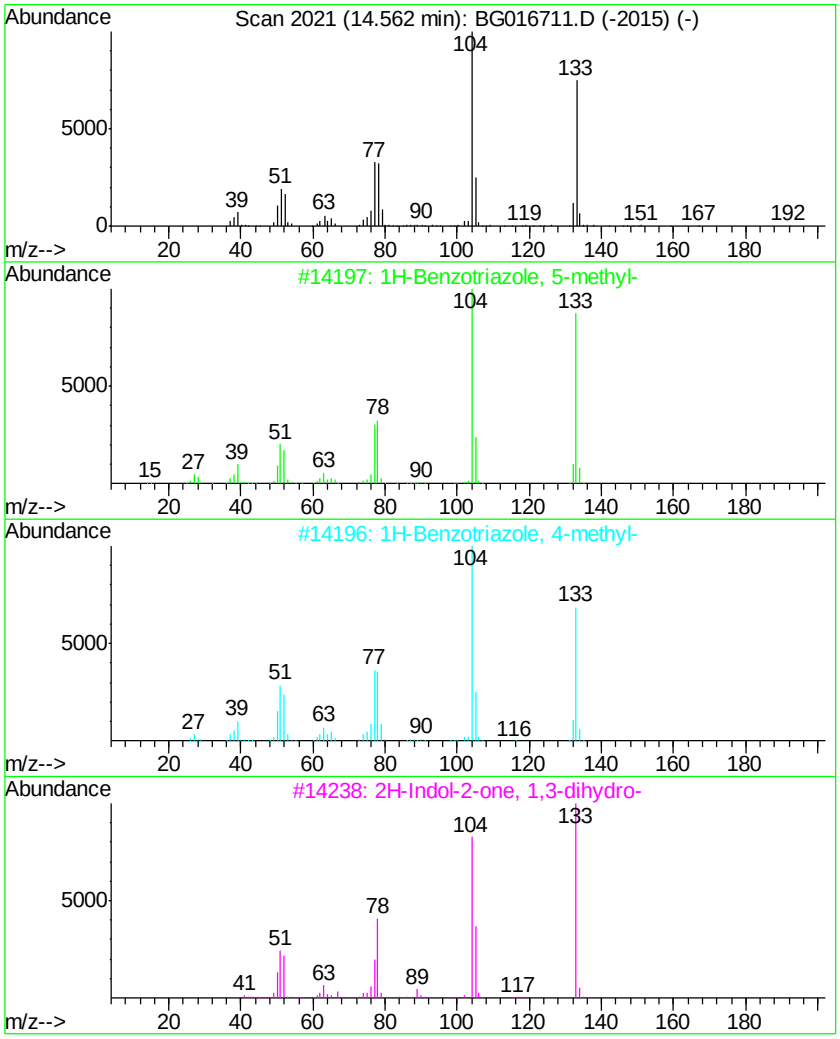
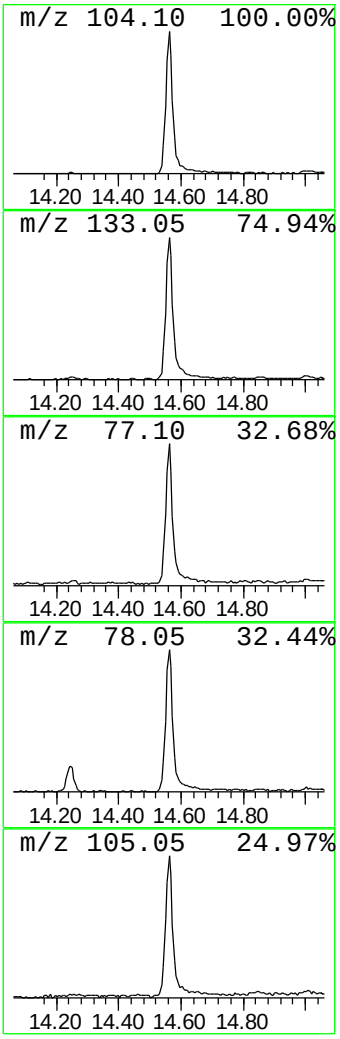
Peak Number 5 1H-Benzotriazole, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	16.59 ng	385700	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	95
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	76
4	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	64
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64





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Acq On : 25 Apr 2015 11:19
Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

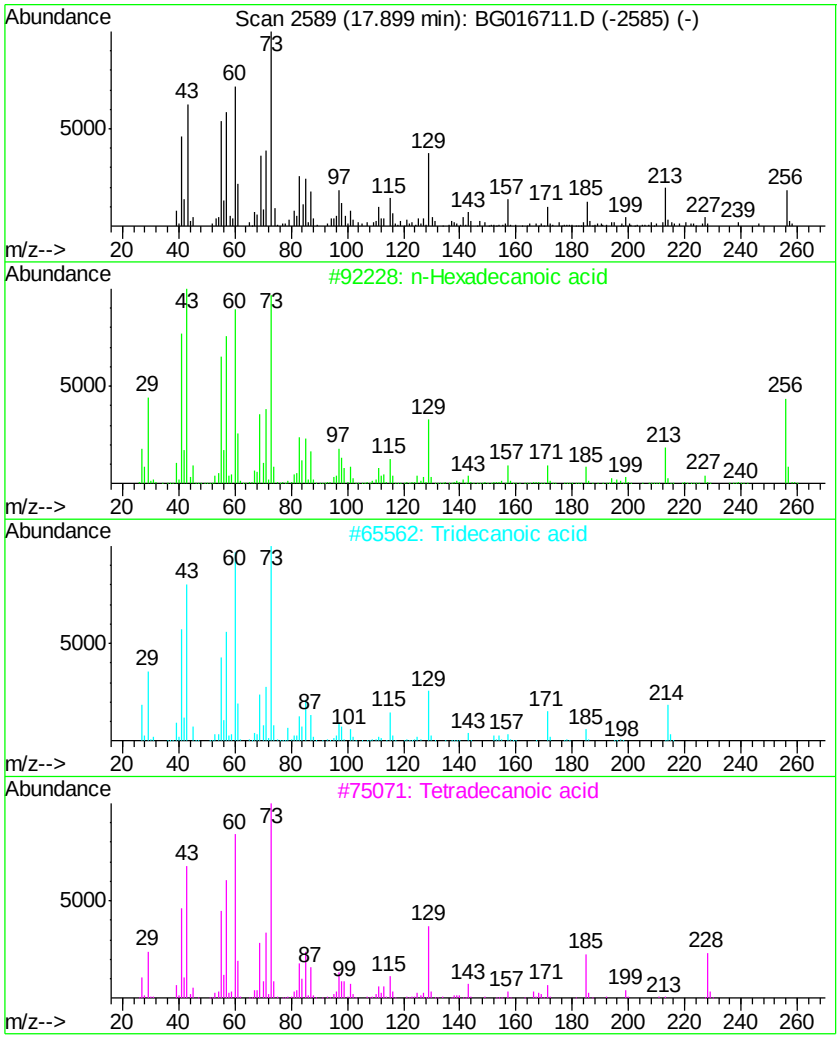
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

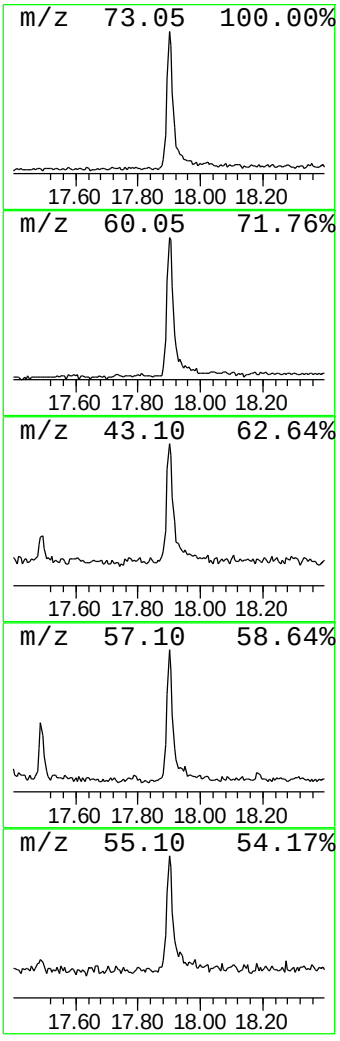
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.56 ng	221646	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Operator : TP/IZ
Sample : G2006-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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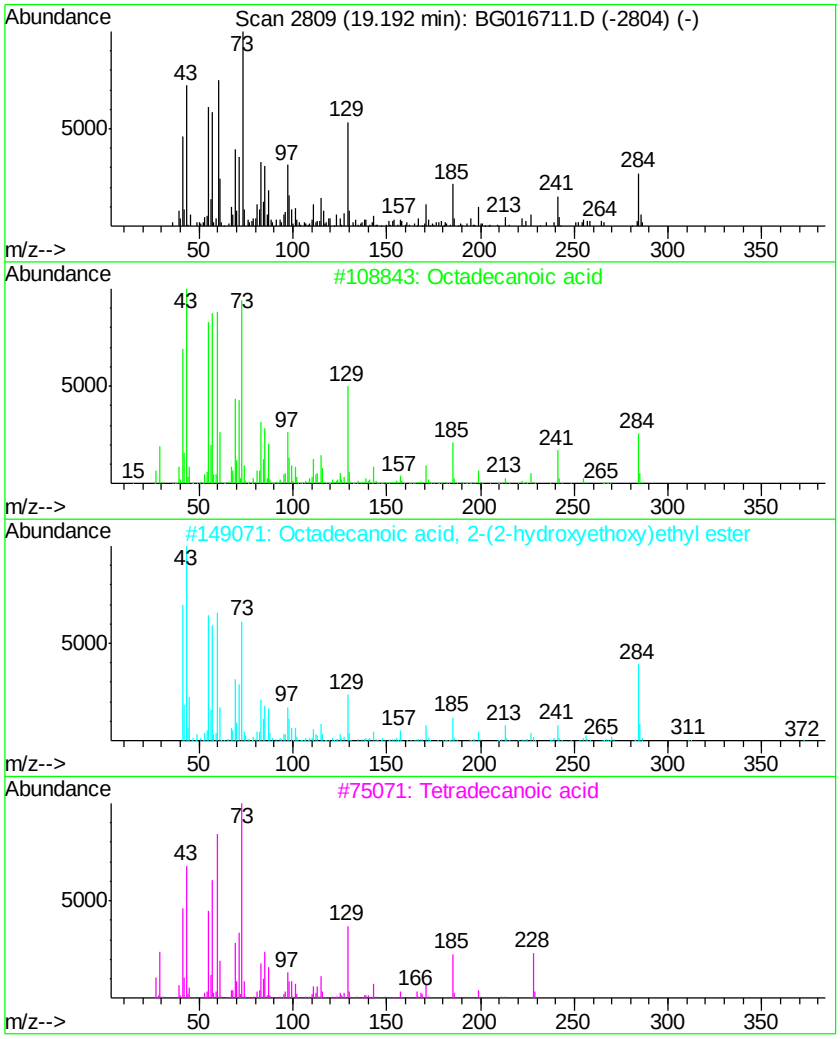
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

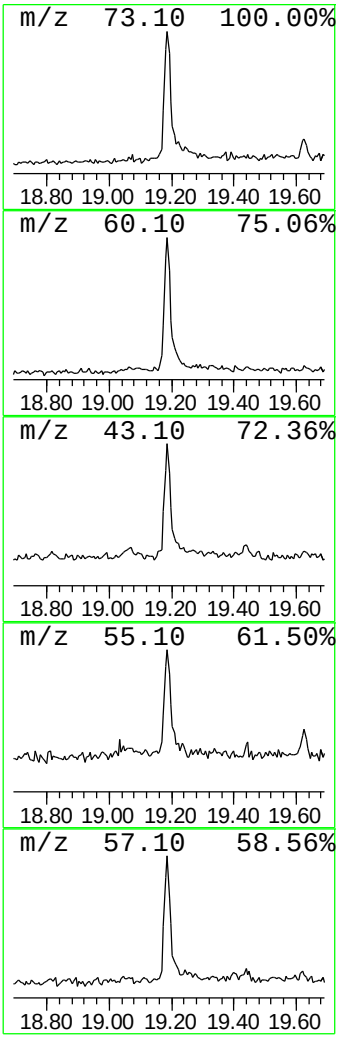
****

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	5.27 ng	176182	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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...	2.75	36.4	ng	408300	1	7.59	224543	20.0
2-Pentanone, 4-hy...	4.70	11.3	ng	126441	1	7.59	224543	20.0
unknown7.13	7.13	61.8	ng	693538	1	7.59	224543	20.0
1H-Benzotriazole,...	14.56	16.6	ng	385700	3	14.24	464842	20.0
n-Hexadecanoic acid	17.90	7.6	ng	221646	4	16.99	586244	20.0
Octadecanoic acid	19.19	5.3	ng	176182	5	21.18	668576	20.0