LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016710.D
Acq On : 25 Apr 2015 10:44
Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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	2.745	6	10	23	rVB	374812	441390	16.10%	3.237%
2	4.702	337	343	351	rVB	81123	110741	4.04%	0.812%
3	5.184	419	425	435	rBV	217995	303956	11.09%	2.229%
4	6.788	692	698	711	rBV	122623	195133	7.12%	1.431%
5	7.129	750	756	768	rBV	449453	706590	25.77%	5.182%
6	7.593	827	835	842	rBV	151835	237074	8.65%	1.739%
7	7.910	882	889	901	rBV	780382	1214304	44.29%	8.906%
8	8.750	1025	1032	1045	rBV	579067	935980	34.14%	6.865%
9	10.378	1301	1309	1322	rBV	213565	352477	12.86%	2.585%
10	12.863	1724	1732	1743	rBV	1637725	2359610	86.06%	17.305%
11	14.244	1960	1967	1975	rBV2	321440	479608	17.49%	3.517%
12	15.742	2216	2222	2235	rBV	554463	820478	29.92%	6.017%
13	16.753	2390	2394	2398	rBV2	23085	28701	1.05%	0.210%
14	16.988	2428	2434	2440	rBV2	421999	604995	22.07%	4.437%
15	17.898	2584	2589	2598	rBV	76713	129409	4.72%	0.949%
16	19.185	2803	2808	2824	rBV	134818	241141	8.79%	1.769%
17	19.626	2877	2883	2895	rBV	2261552	2741859	100.00%	20.109%
18	20.431	3016	3020	3024	rBV2	19697	27594	1.01%	0.202%
19	20.895	3095	3099	3107	rBV2	47815	79396	2.90%	0.582%
20	21.177	3142	3147	3156	rBV	585480	711130	25.94%	5.215%
21	21.324	3169	3172	3176	rBV	31679	35080	1.28%	0.257%
22	21.747	3241	3244	3249	rBV2	32745	48138	1.76%	0.353%
23	22.005	3284	3288	3294	rVB2	33961	44272	1.61%	0.325%
24	22.205	3318	3322	3327	rVB2	28084	37700	1.37%	0.276%
25	22.699	3402	3406	3411	rVB2	21884	31582	1.15%	0.232%
26	23.380	3515	3522	3534	rBV2	397671	716701	26.14%	5.256%

Sum of corrected areas: 13635039

LSC Report - Integrated Chromatogram

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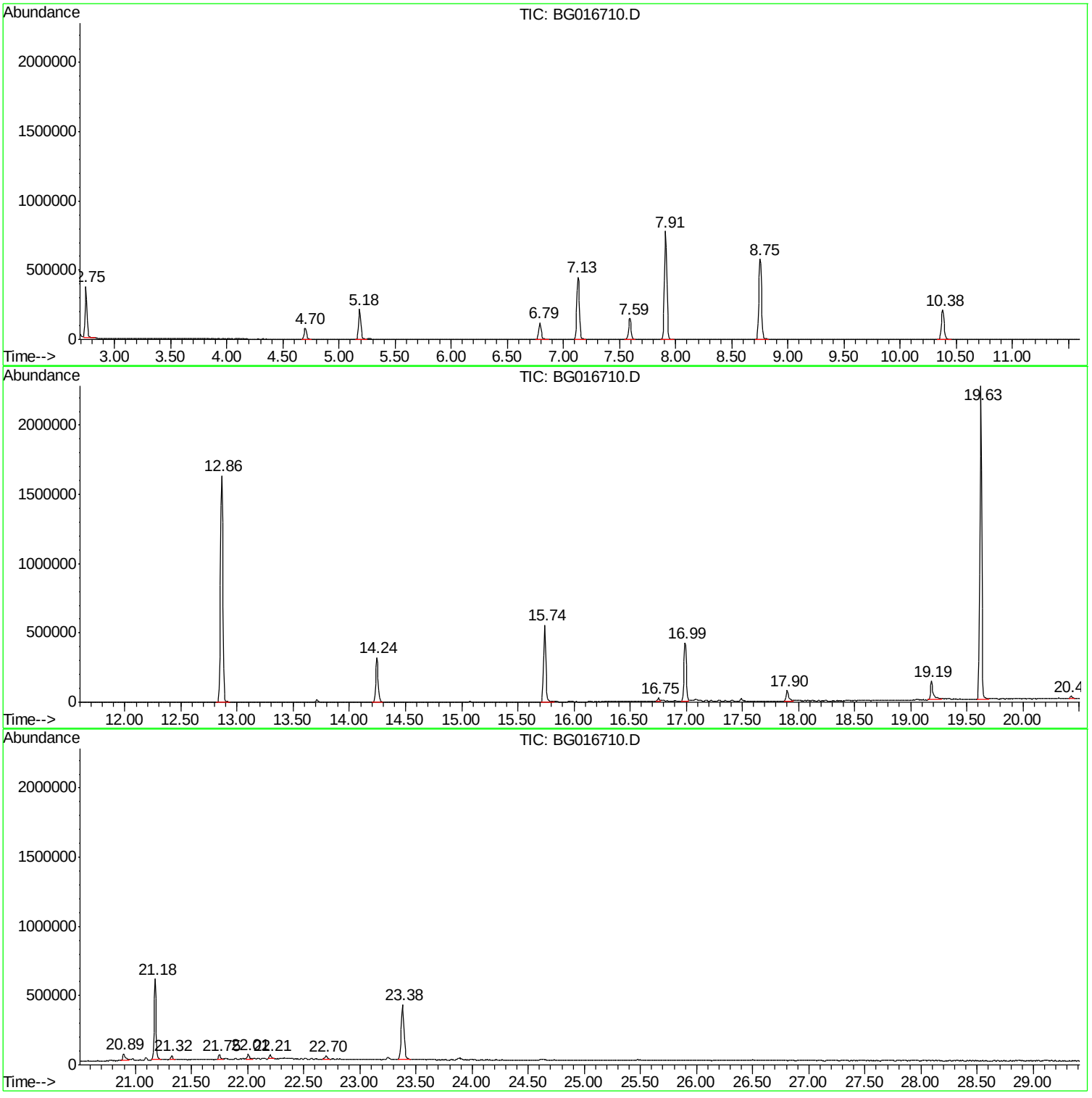
Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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 : BG016710.D
Acq On : 25 Apr 2015 10:44
Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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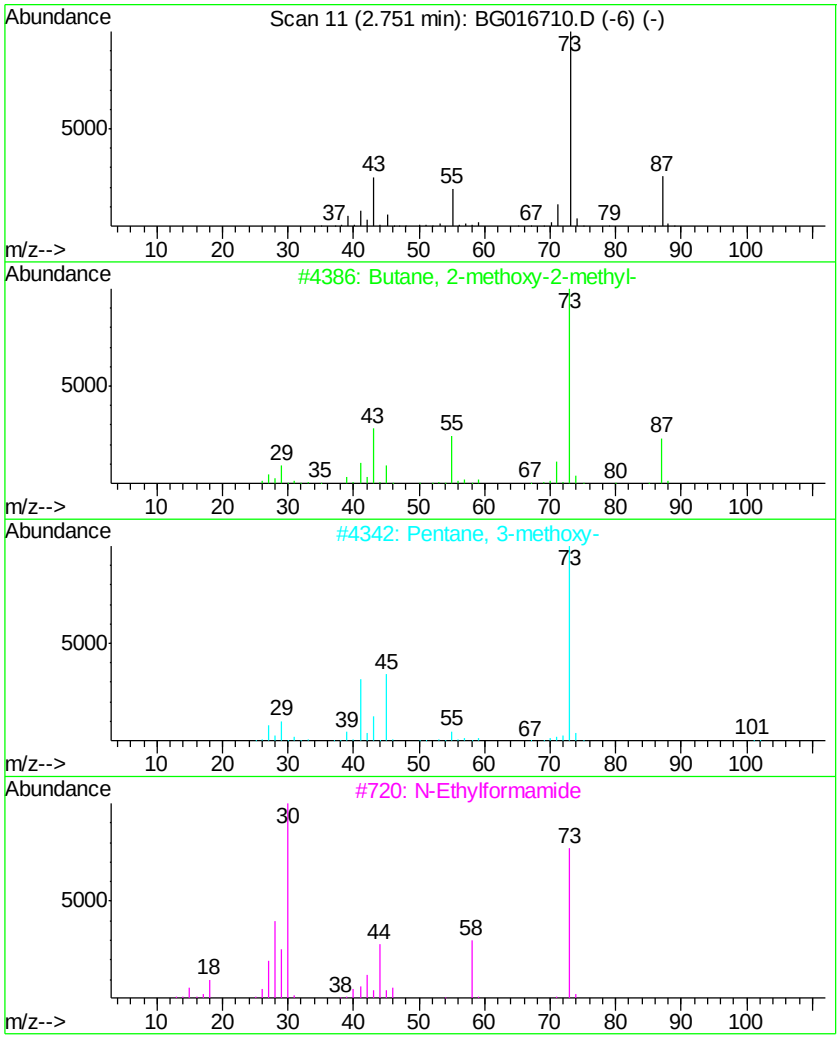
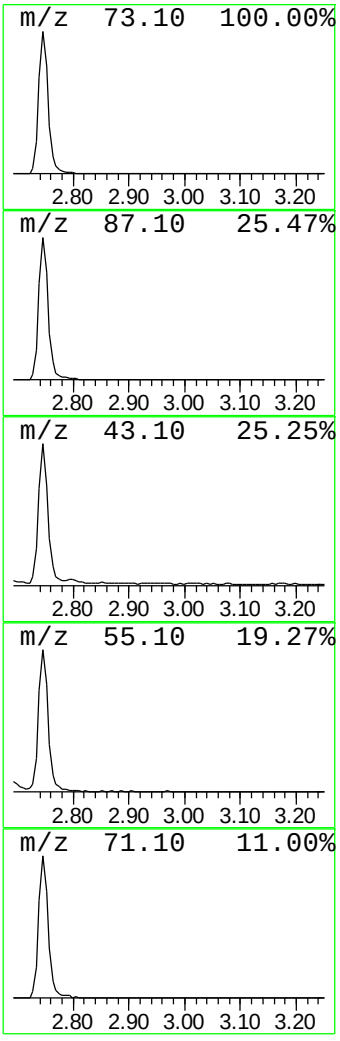
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	37.24 ng	441390	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	90
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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Data File : BG016710.D
Acq On : 25 Apr 2015 10:44
Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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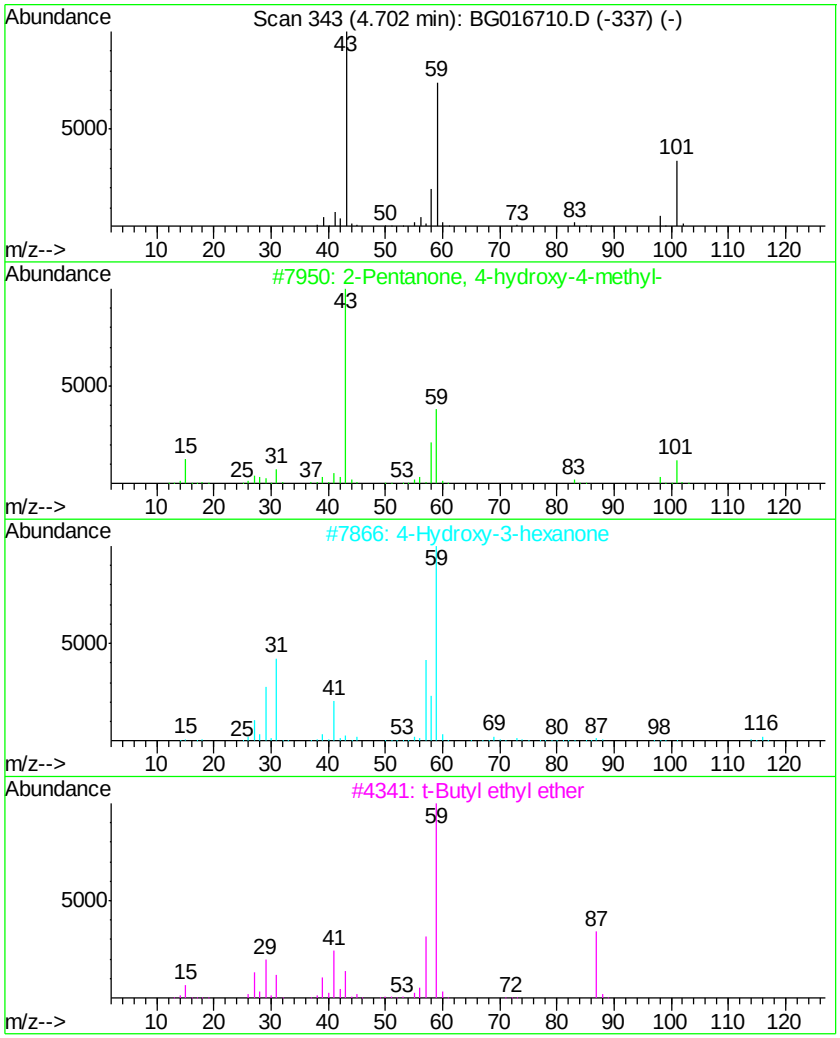
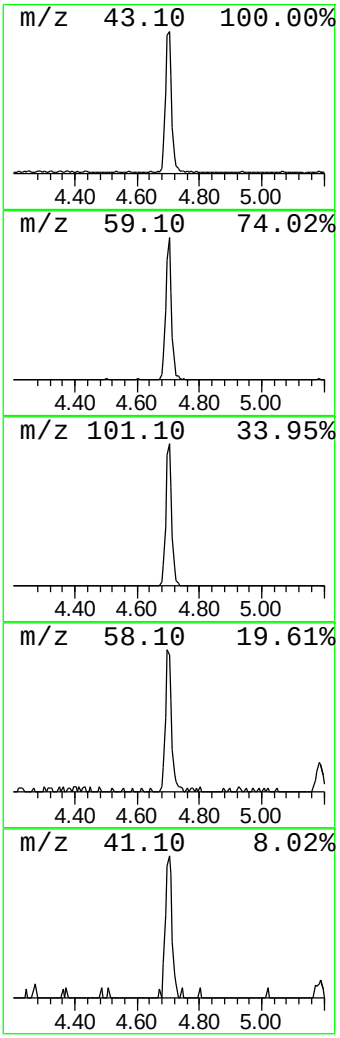
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	9.34 ng	110741	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	50
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	33
3	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	25
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016710.D
Acq On : 25 Apr 2015 10:44
Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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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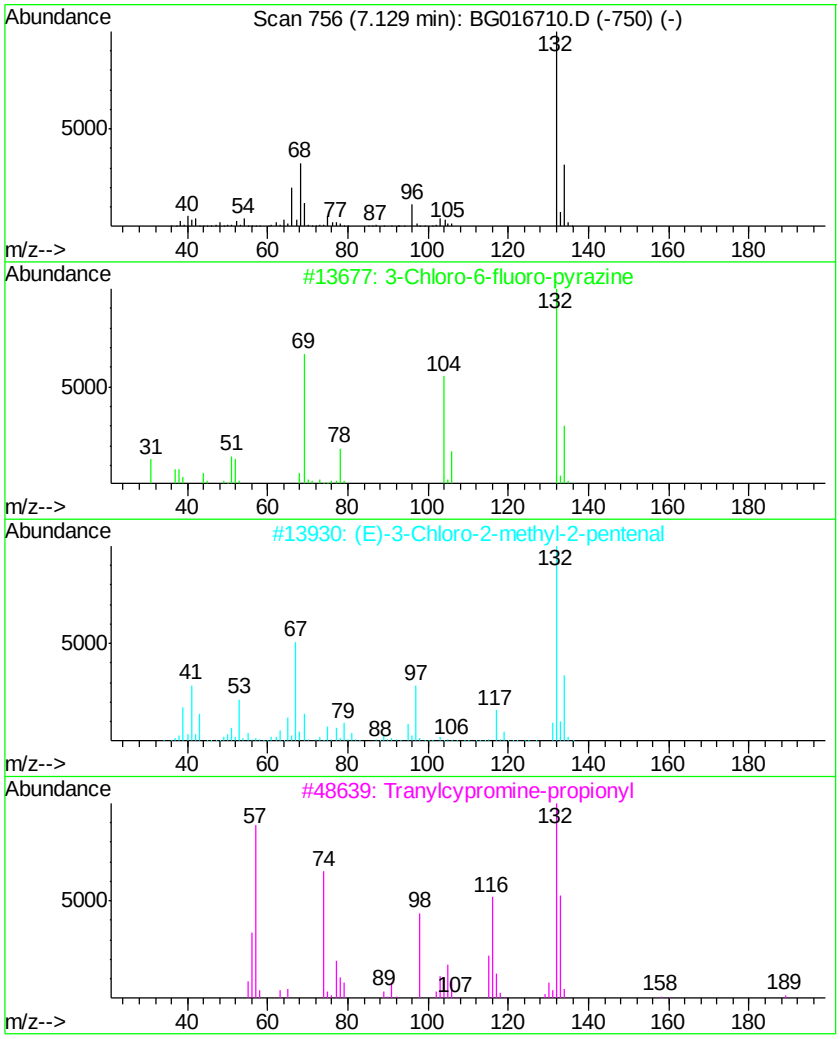
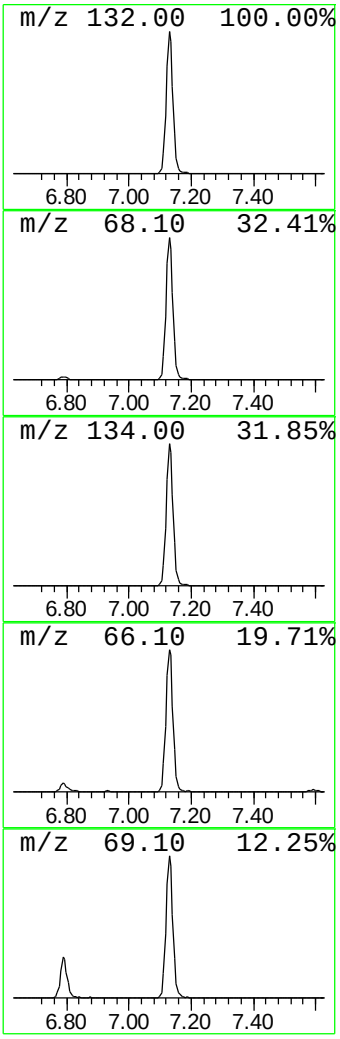
Peak Number 3 unknown7.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	59.61 ng	706590	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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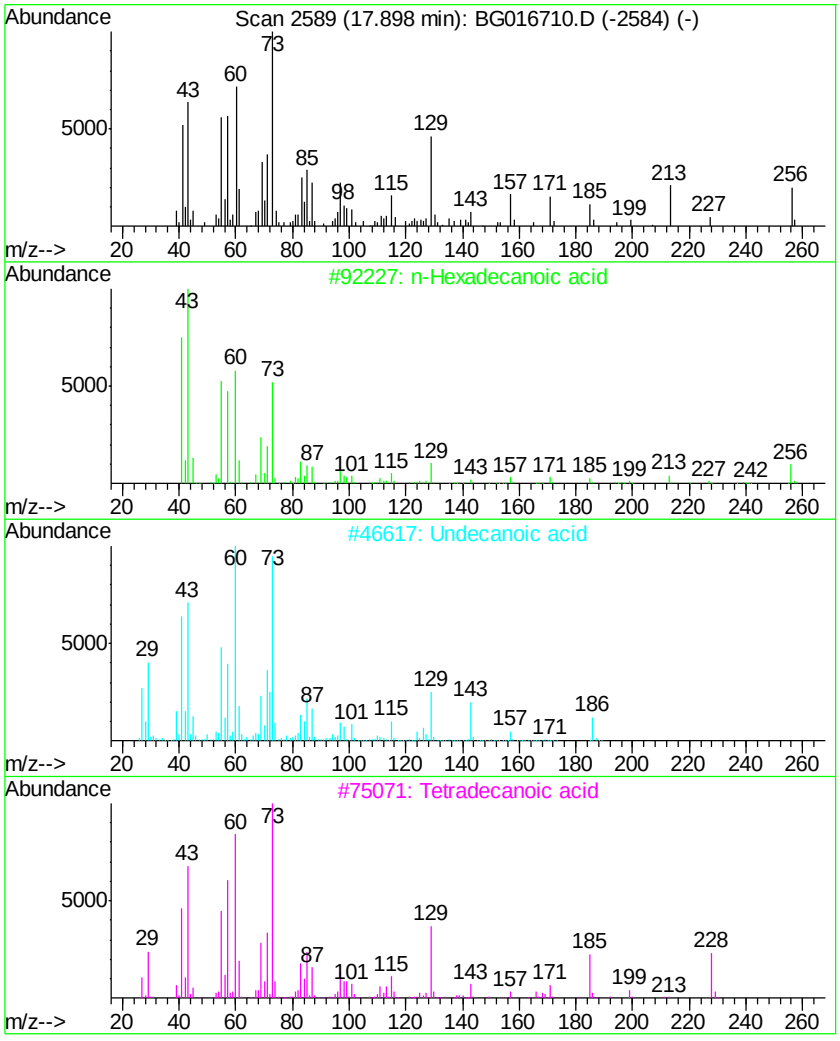
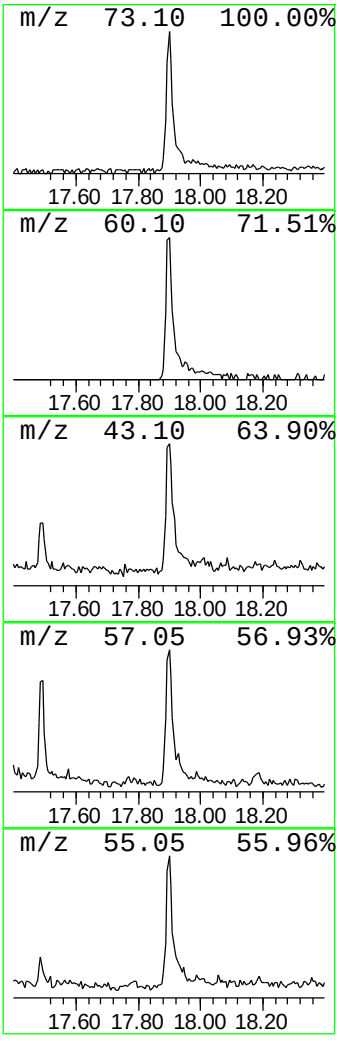
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.28 ng	129409	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Undecanoic acid	186	C11H22O2	000112-37-8	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016710.D
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Operator : TP/IZ
Sample : G2006-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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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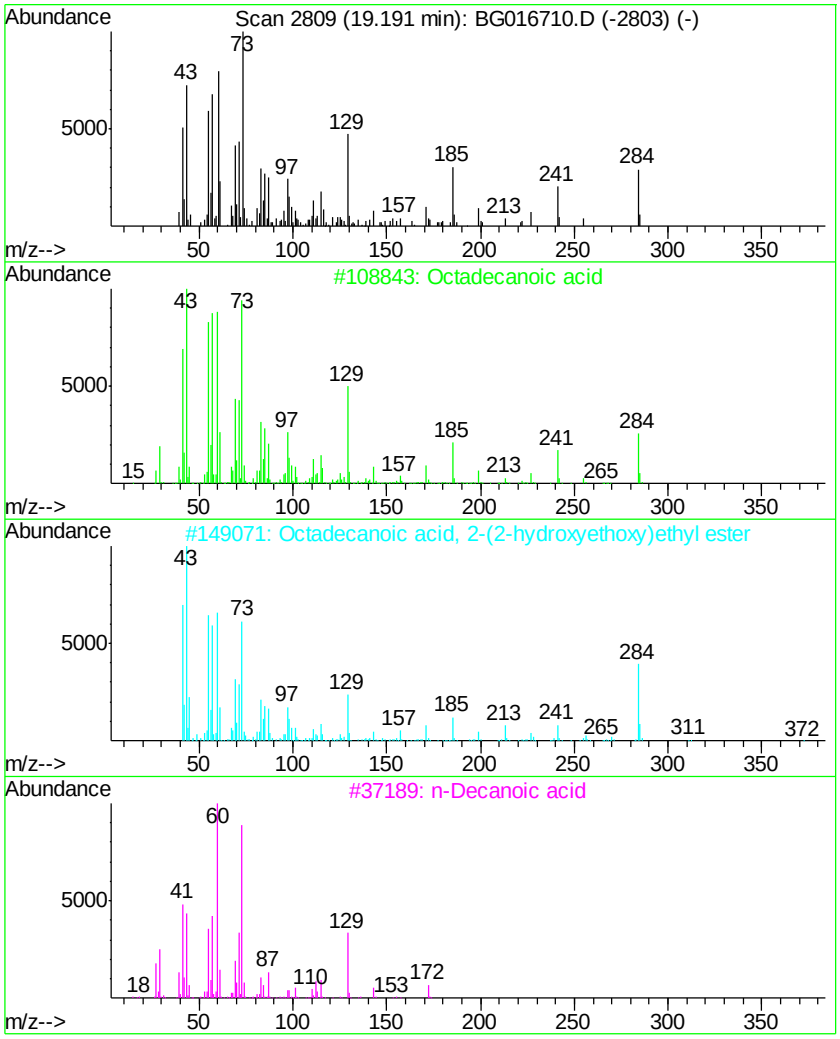
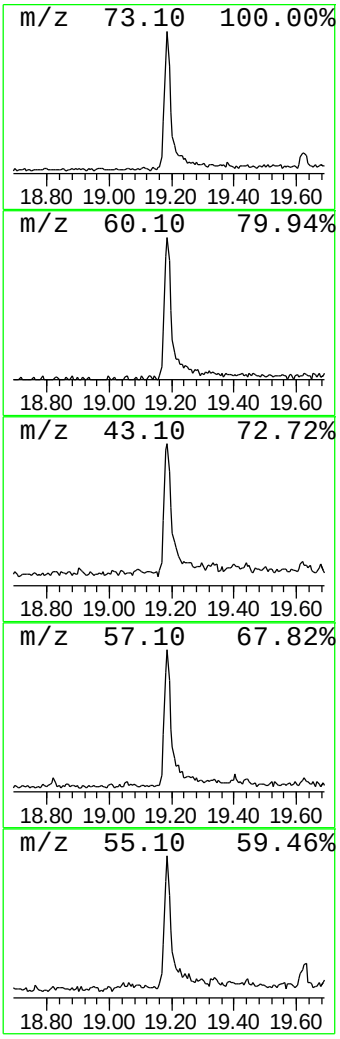
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	6.78 ng	241141	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	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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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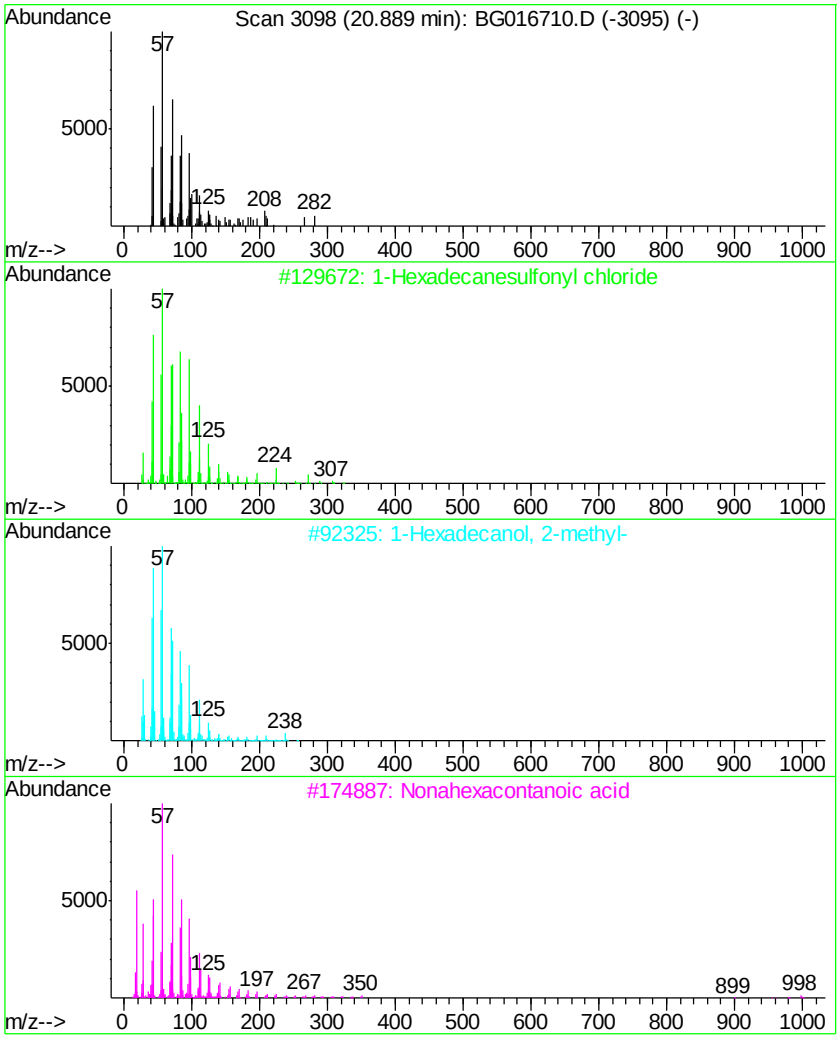
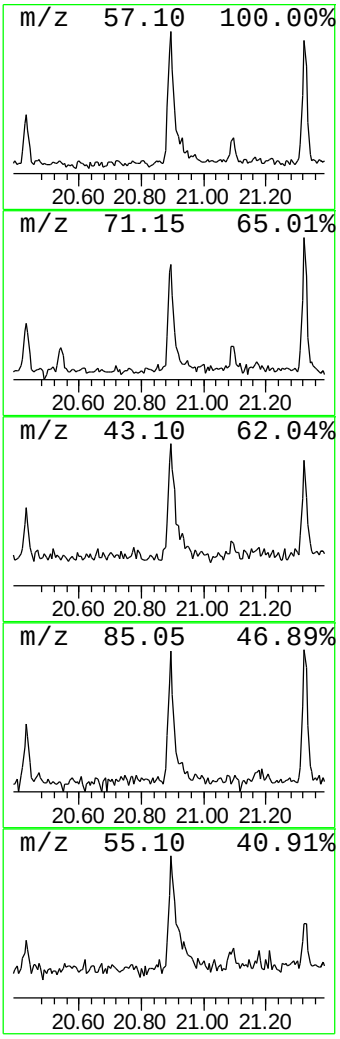
Peak Number 7 1-Hexadecanesulfonyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.23 ng	79396	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	80
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	80
3	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	74
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	64
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62





Tentatively Identified Compound (LSC) summary

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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	37.2	ng	441390	1	7.59	237074	20.0
2-Pentanone, 4-hy...	4.70	9.3	ng	110741	1	7.59	237074	20.0
unknown7.13	7.13	59.6	ng	706590	1	7.59	237074	20.0
n-Hexadecanoic acid	17.90	4.3	ng	129409	4	16.99	604995	20.0
Octadecanoic acid	19.19	6.8	ng	241141	5	21.18	711130	20.0
1-Hexadecanesulfo...	20.89	2.2	ng	79396	5	21.18	711130	20.0