LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016239.D
Acq On : 7 Apr 2015 00:18
Operator : TP/IZ
Sample : G1757-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW02

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	2.800	14	19	28	rBV	345854	534429	12.65%	2.457%
2	2.876	28	32	38	rVV	348880	401527	9.50%	1.846%
3	4.815	356	362	368	rVB	45307	65732	1.56%	0.302%
4	5.279	435	441	450	rBV	552248	784221	18.56%	3.605%
5	6.871	705	712	725	rBV	399579	591458	14.00%	2.719%
6	7.230	766	773	782	rBV	992817	1544969	36.57%	7.102%
7	7.700	846	853	861	rVB	232414	345984	8.19%	1.590%
8	8.017	900	907	916	rBV	906428	1394470	33.00%	6.410%
9	8.857	1042	1050	1058	rBV	744532	1184379	28.03%	5.444%
10	10.485	1319	1327	1335	rBV	341678	564121	13.35%	2.593%
11	12.958	1741	1748	1755	rBV	1961810	2908631	68.84%	13.370%
12	14.339	1976	1983	1990	rBV2	559491	824864	19.52%	3.792%
13	15.826	2229	2236	2256	rBV	1337039	1875852	44.40%	8.623%
14	17.077	2443	2449	2456	rBV2	718189	1015750	24.04%	4.669%
15	19.404	2841	2845	2852	rBV	414260	492158	11.65%	2.262%
16	19.521	2862	2865	2871	rVB	64687	71978	1.70%	0.331%
17	19.709	2891	2897	2908	rBV	3330317	4225246	100.00%	19.422%
18	20.449	3019	3023	3029	rBV	303122	321196	7.60%	1.476%
19	20.514	3029	3034	3037	rVV	44331	54753	1.30%	0.252%
20	20.972	3107	3112	3122	rVB2	82745	107280	2.54%	0.493%
21	21.254	3155	3160	3170	rBV	877594	1092055	25.85%	5.020%
22	21.407	3182	3186	3190	rBV	71850	78488	1.86%	0.361%
23	21.836	3256	3259	3268	rBV	49522	65876	1.56%	0.303%
24	22.300	3334	3338	3346	rVB	47418	66151	1.57%	0.304%
25	22.811	3419	3425	3430	rBV3	29152	52250	1.24%	0.240%
26	23.499	3534	3542	3554	rBV2	546651	1041342	24.65%	4.787%
27	26.601	4064	4070	4079	rBV10	20446	50134	1.19%	0.230%

Sum of corrected areas: 21755294

LSC Report - Integrated Chromatogram

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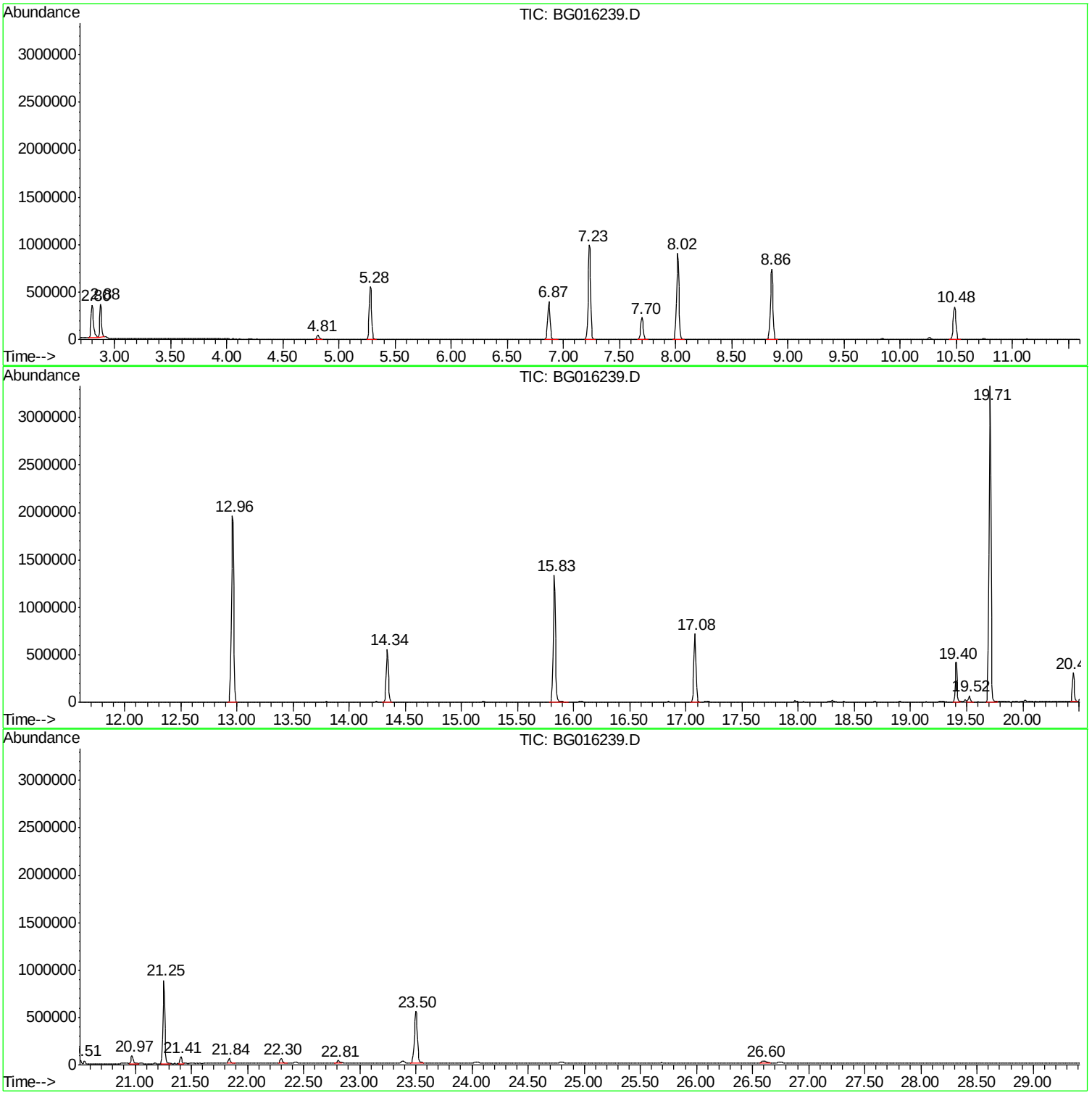
Instrument : BNA_G
ClientSampleId : LS-SW02

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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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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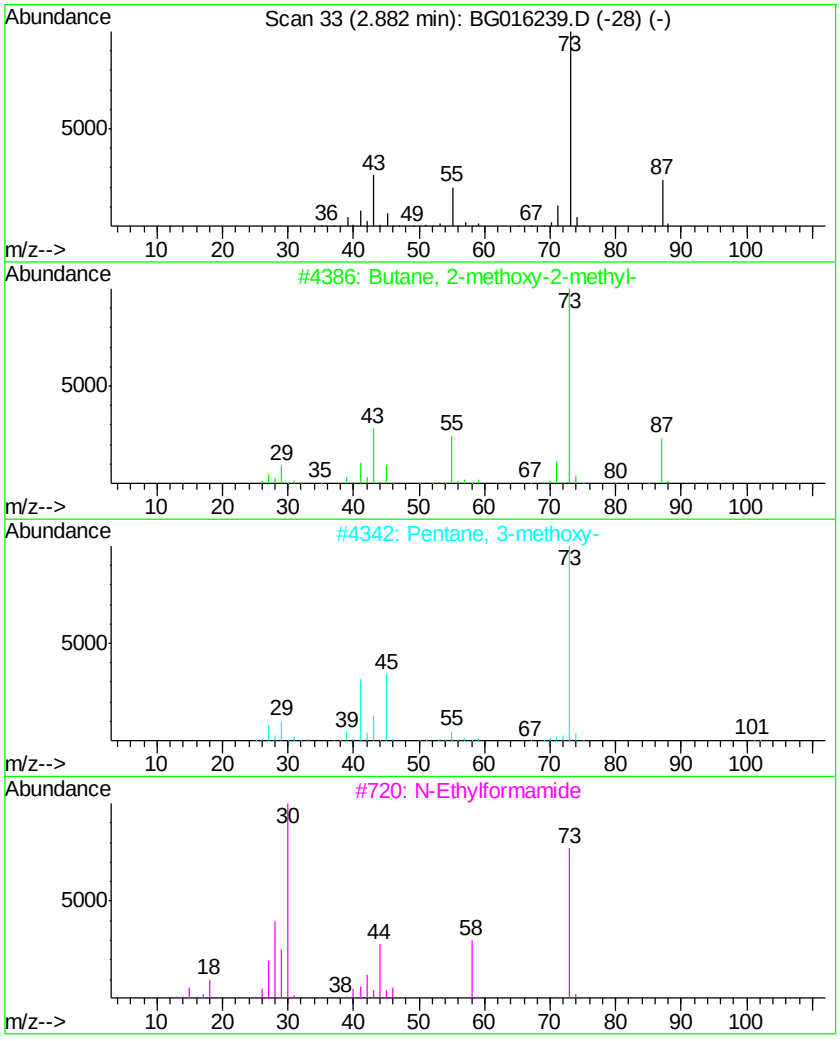
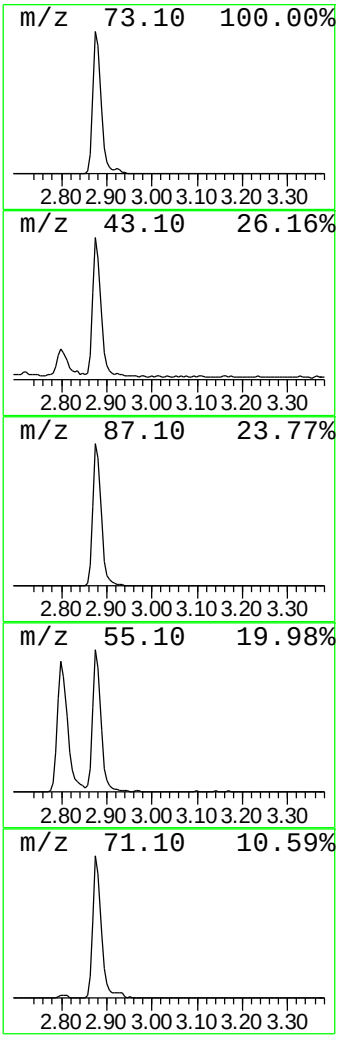
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	23.21 ng	401527	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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	7
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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Sample : G1757-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
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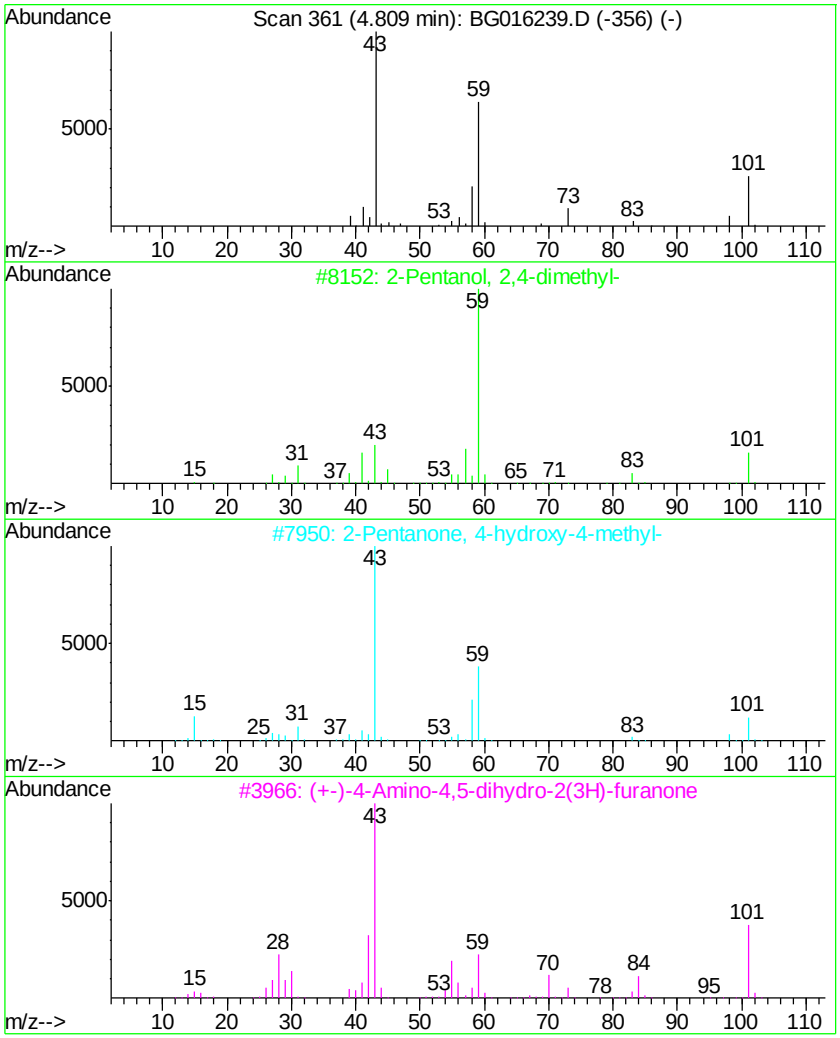
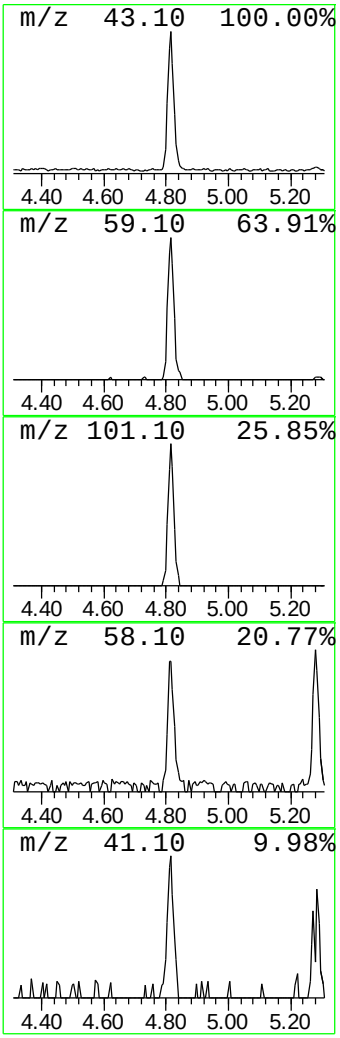
Peak Number 3 unknown4.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	3.80 ng	65732	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	17





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Operator : TP/IZ
Sample : G1757-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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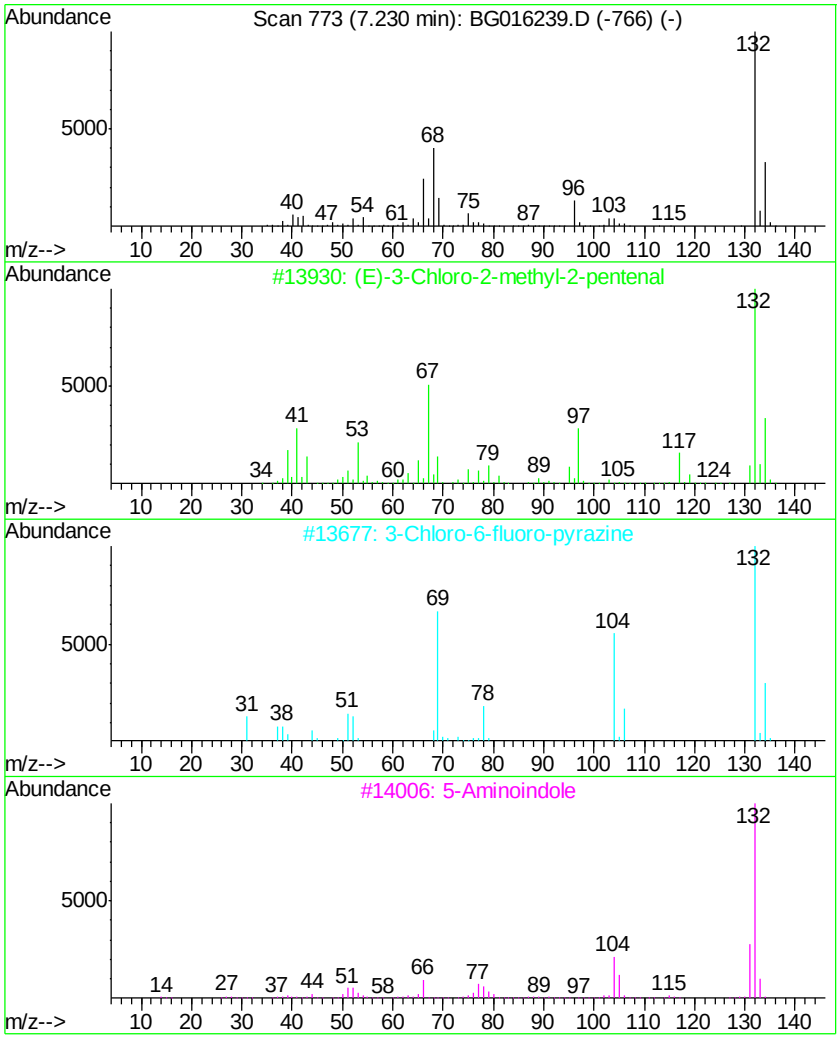
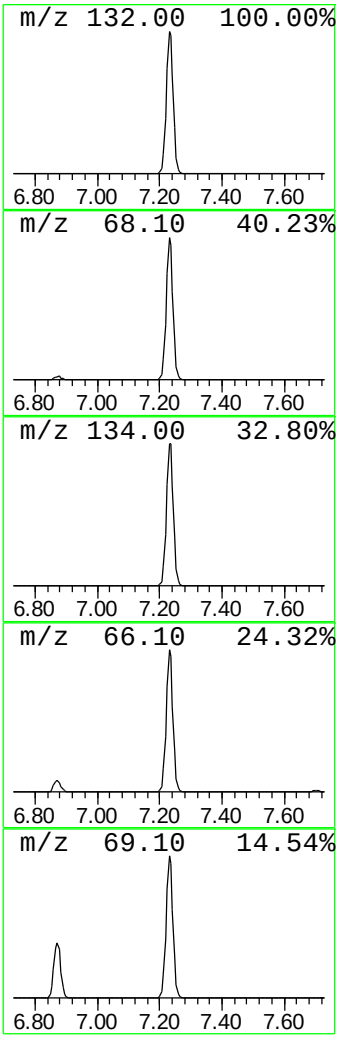
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	89.31 ng	1544970	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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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Instrument : BNA_G
ClientSampleId : LS-SW02

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TIC Integration Parameters: LSCINT.P

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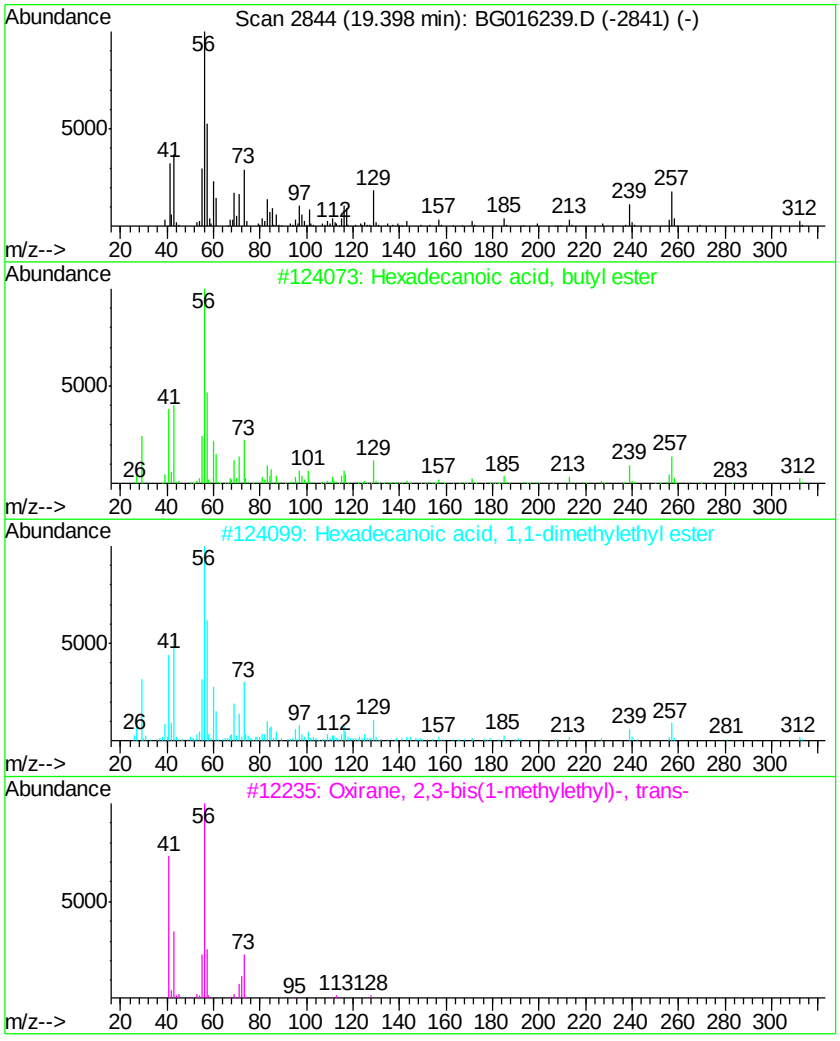
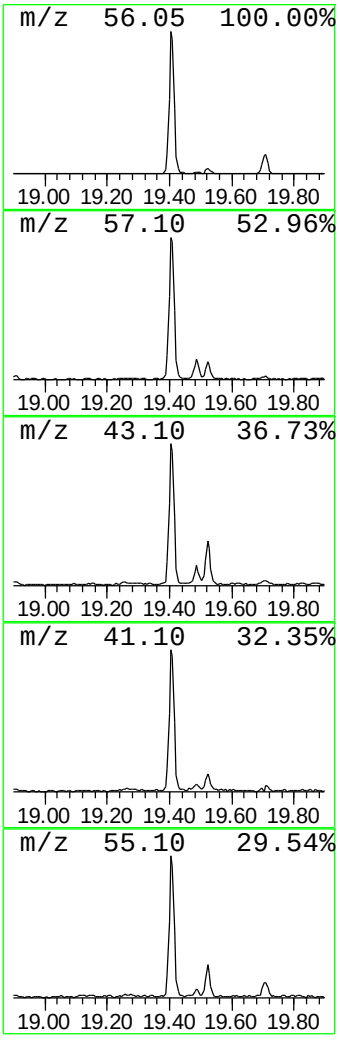
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	9.01 ng	492158	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27





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Misc :
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ClientSampleId : LS-SW02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Integration Parameters: LSCINT.P

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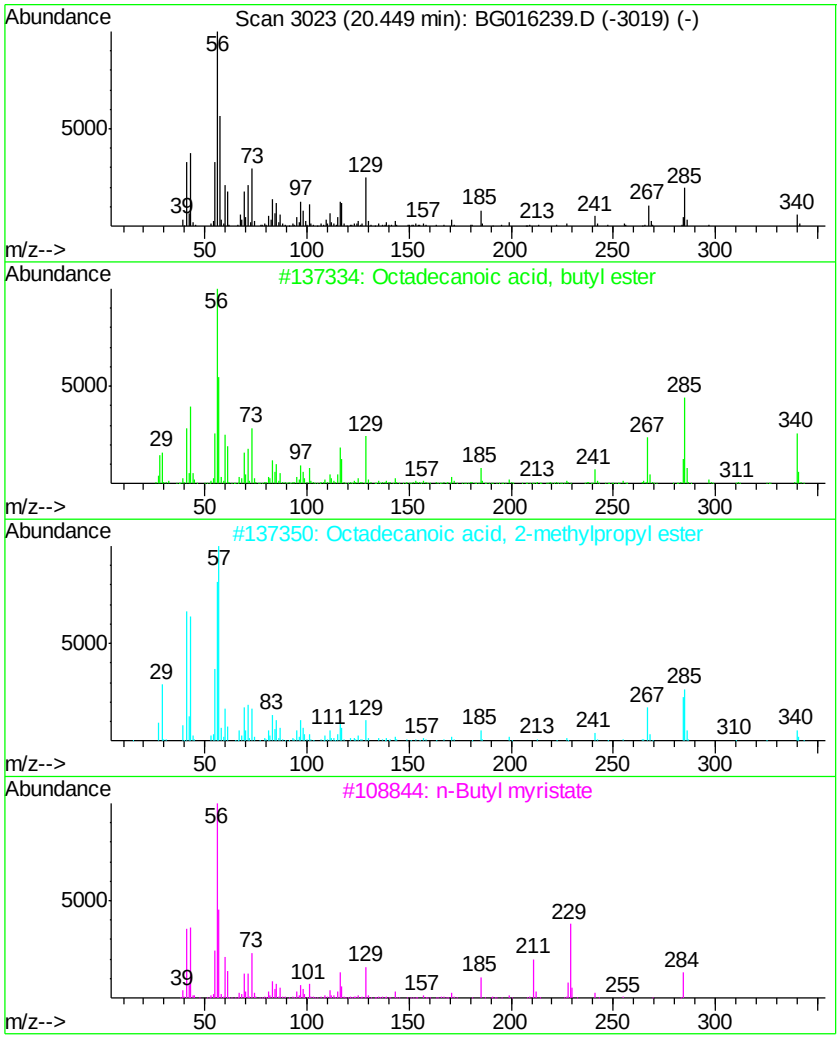
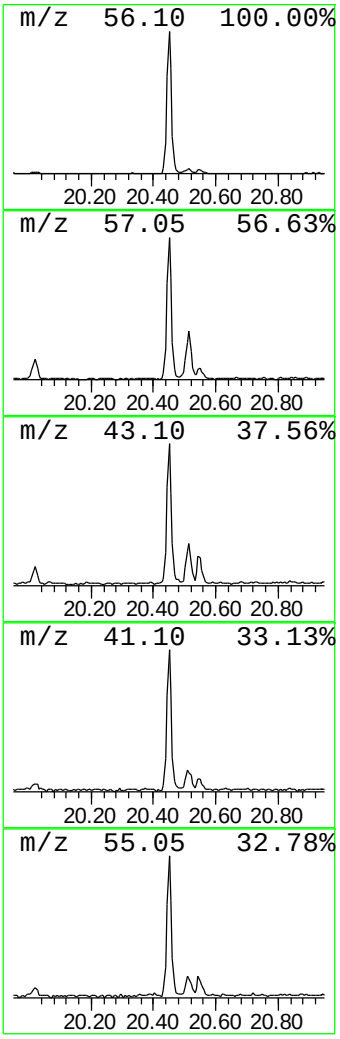
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	5.88 ng	321196	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
3	n-Butyl myristate	284	C18H36O2	000110-36-1	58
4	Cyclopentanone, 2,2,5,5-tetramet...	140	C9H16O	004541-35-9	30
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	23.2	ng	401527	1	7.70	345984	20.0
unknown4.81	4.81	3.8	ng	65732	1	7.70	345984	20.0
unknown7.23	7.23	89.3	ng	1544970	1	7.70	345984	20.0
Hexadecanoic acid...	19.40	9.0	ng	492158	5	21.25	1092060	20.0
Octadecanoic acid...	20.45	5.9	ng	321196	5	21.25	1092060	20.0