LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016235.D
Acq On : 6 Apr 2015 21:59
Operator : TP/IZ
Sample : G1757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW01

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	2.799	14	19	28	rBV	355139	534212	12.33%	2.360%
2	2.876	28	32	38	rVV	361485	410295	9.47%	1.812%
3	4.815	356	362	369	rVB2	36109	54927	1.27%	0.243%
4	5.279	435	441	449	rBV	537956	747891	17.26%	3.304%
5	6.871	705	712	720	rBV	353999	515446	11.90%	2.277%
6	7.229	766	773	787	rBV	984890	1569040	36.22%	6.931%
7	7.699	846	853	862	rVB	248657	372631	8.60%	1.646%
8	8.017	900	907	916	rBV	909437	1430832	33.03%	6.320%
9	8.857	1043	1050	1059	rBV	771763	1234011	28.48%	5.451%
10	10.261	1284	1289	1301	rVB	30905	51716	1.19%	0.228%
11	10.484	1320	1327	1334	rBV	375107	615675	14.21%	2.720%
12	12.958	1741	1748	1758	rBV	2071040	3023523	69.79%	13.356%
13	14.339	1976	1983	1991	rBV2	597878	894153	20.64%	3.950%
14	15.825	2230	2236	2250	rBV	1373705	1934139	44.65%	8.544%
15	17.077	2443	2449	2458	rBV2	791498	1098112	25.35%	4.851%
16	19.409	2837	2846	2854	rBV	462882	540018	12.47%	2.385%
17	19.521	2862	2865	2873	rVB	64128	77931	1.80%	0.344%
18	19.709	2891	2897	2909	rBV	3517943	4332193	100.00%	19.137%
19	20.449	3018	3023	3029	rBV	374719	414715	9.57%	1.832%
20	20.972	3107	3112	3123	rBV	80848	119077	2.75%	0.526%
21	21.254	3155	3160	3172	rBV	972115	1225590	28.29%	5.414%
22	21.407	3182	3186	3191	rBV	48943	54970	1.27%	0.243%
23	21.842	3255	3260	3270	rBV	41959	64993	1.50%	0.287%
24	22.300	3333	3338	3347	rBV	43031	64556	1.49%	0.285%
25	22.811	3420	3425	3431	rBV3	29242	52405	1.21%	0.231%
26	23.504	3534	3543	3554	rBV2	574570	1131718	26.12%	4.999%
27	26.595	4063	4069	4080	rBV2	22146	73401	1.69%	0.324%

Sum of corrected areas: 22638170

LSC Report - Integrated Chromatogram

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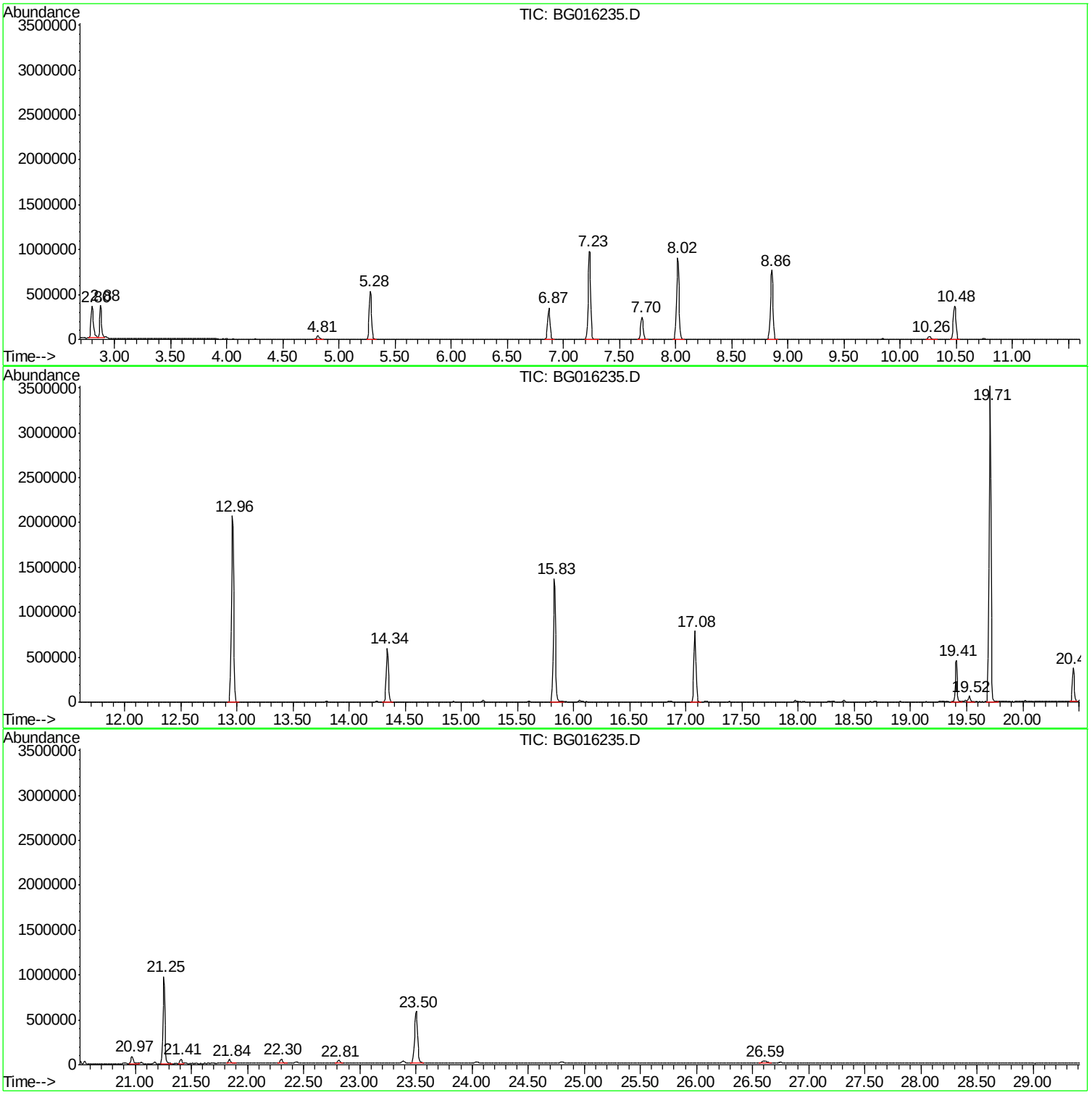
Instrument : BNA_G
ClientSampleId : LS-SW01

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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ClientSampleId : LS-SW01

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TIC Library : C:\DATABASE\NIST02.L
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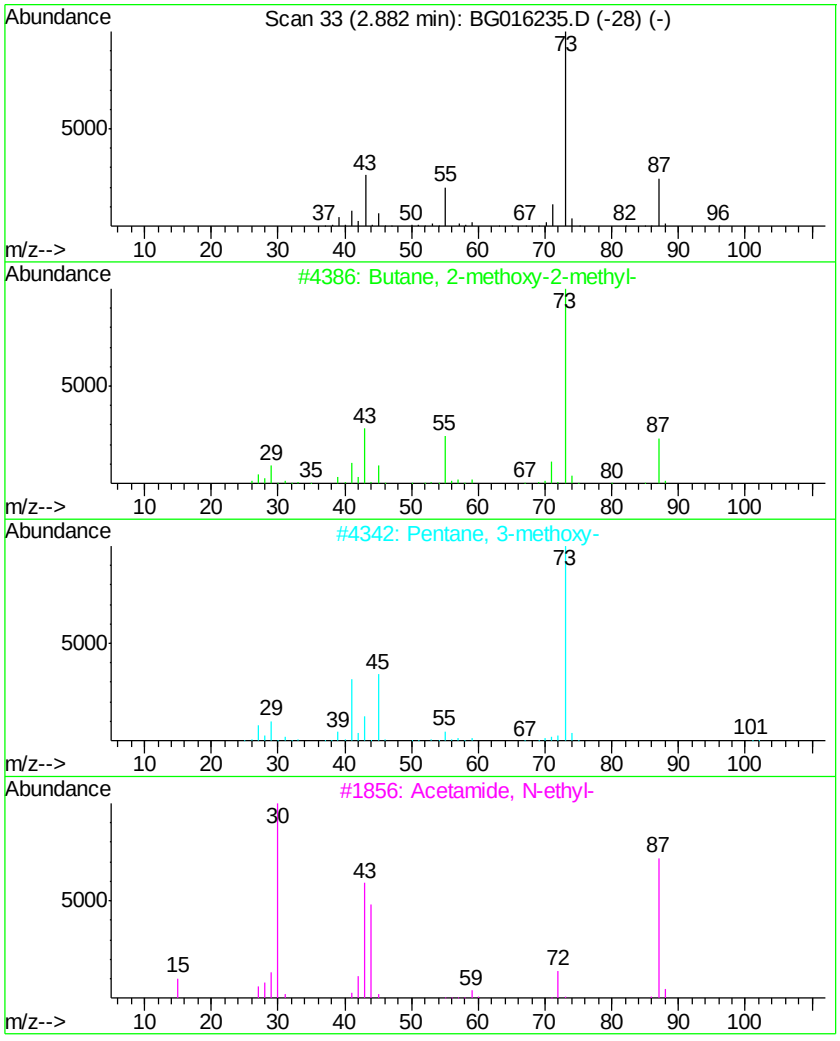
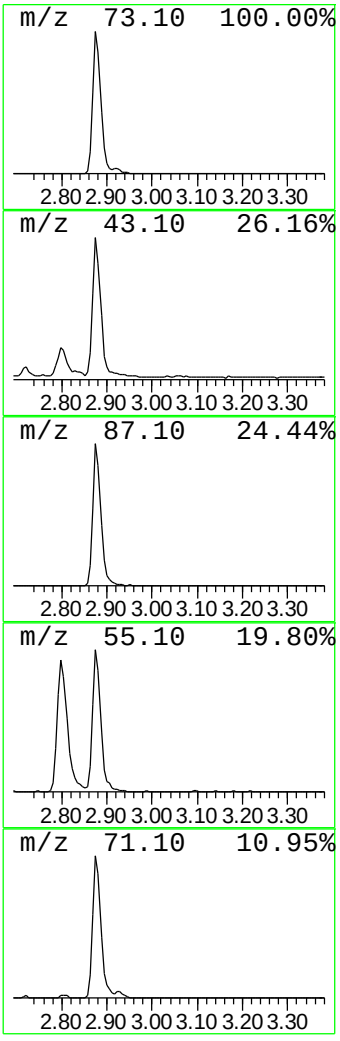
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	22.02 ng	410295	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument : BNA_G
ClientSampleId : LS-SW01

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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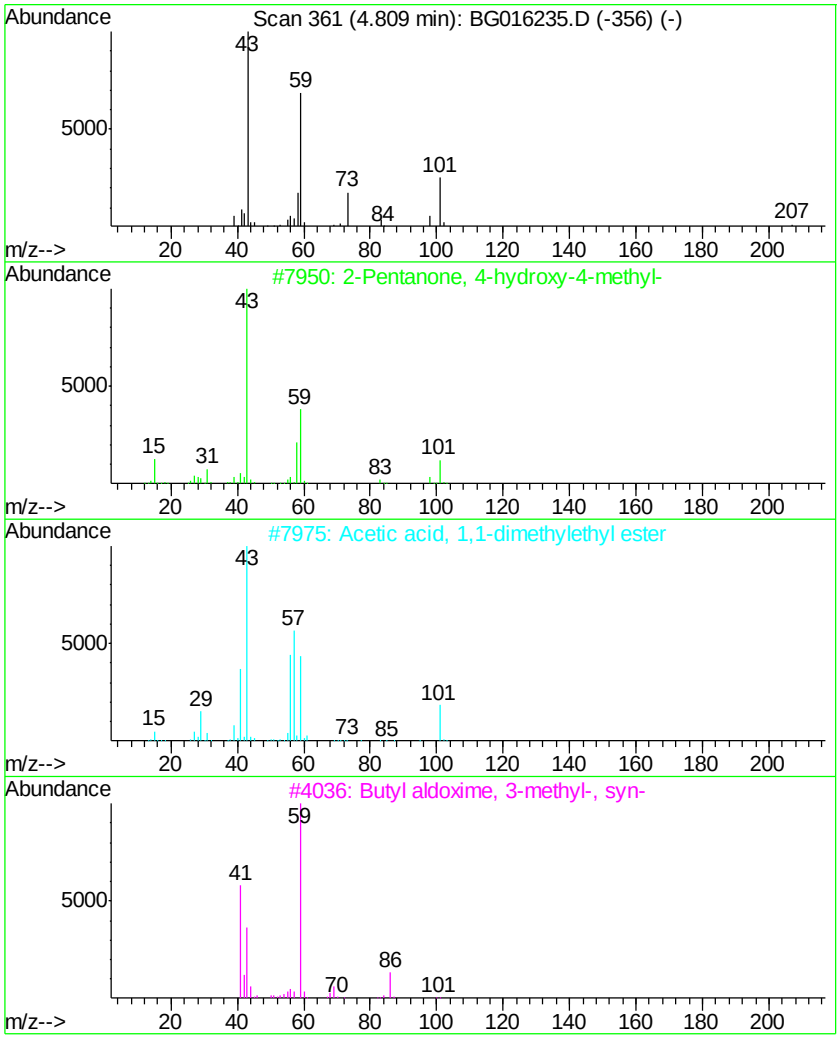
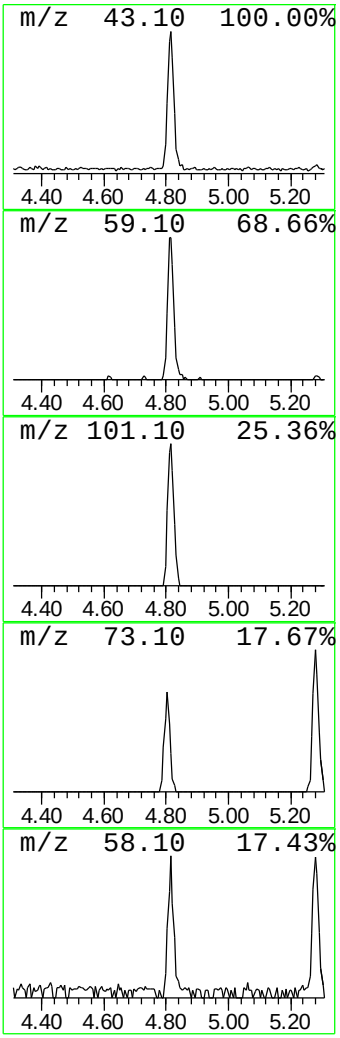
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	2.95 ng	54927	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25





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Instrument : BNA_G
ClientSampleId : LS-SW01

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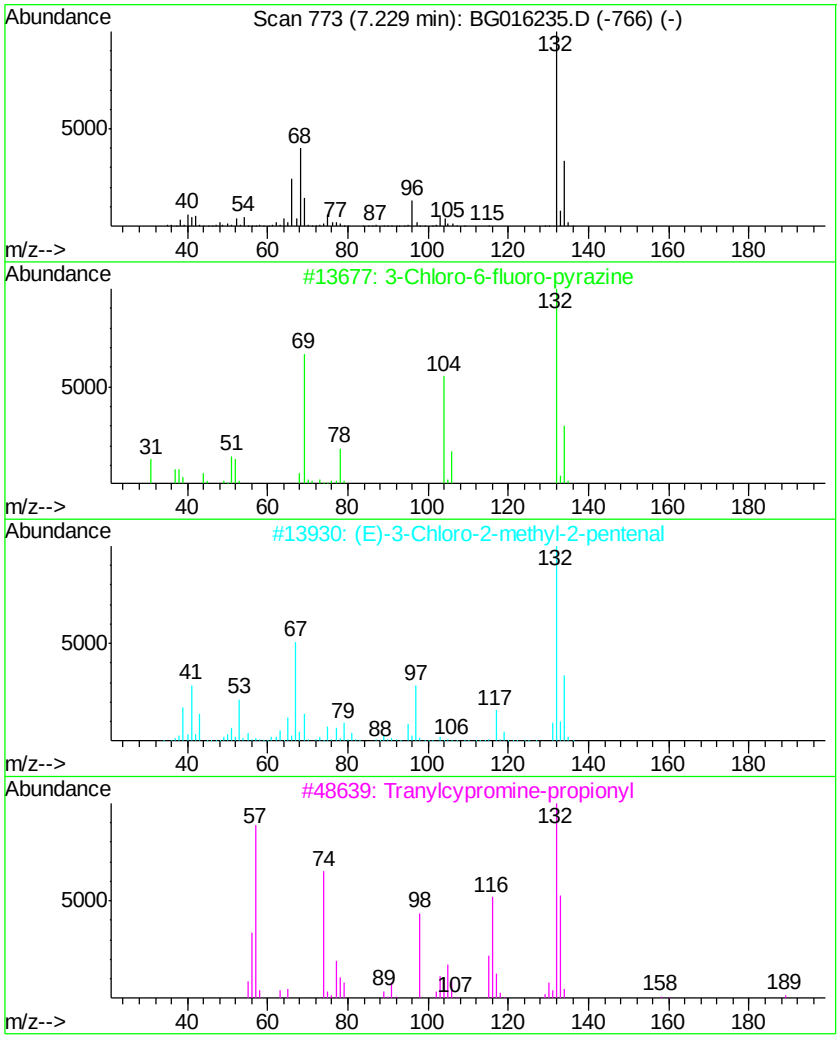
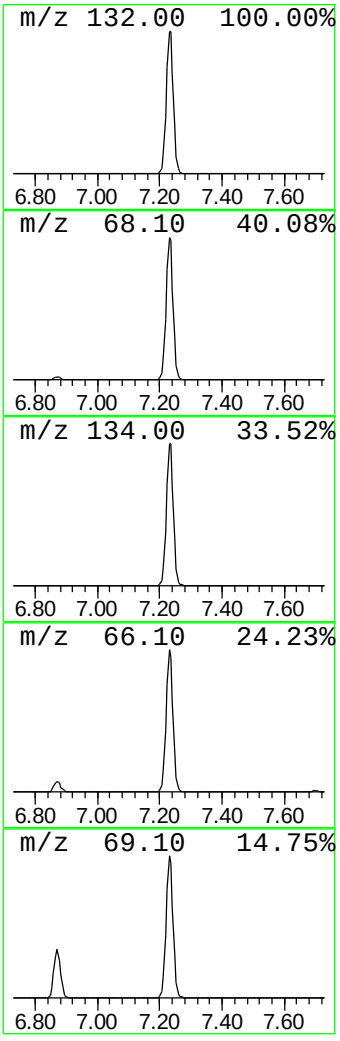
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	84.21 ng	1569040	1,4-Dichlorobenzene-d4	7.70

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ClientSampleId : LS-SW01

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TIC Library : C:\DATABASE\NIST02.L
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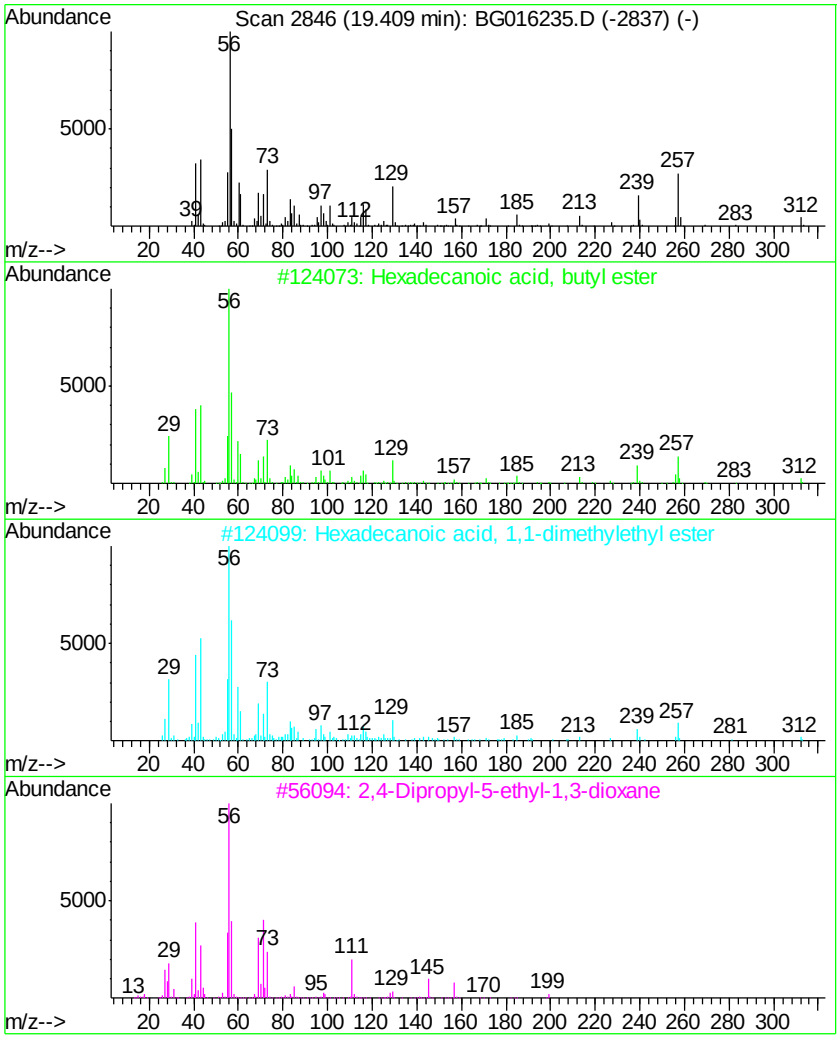
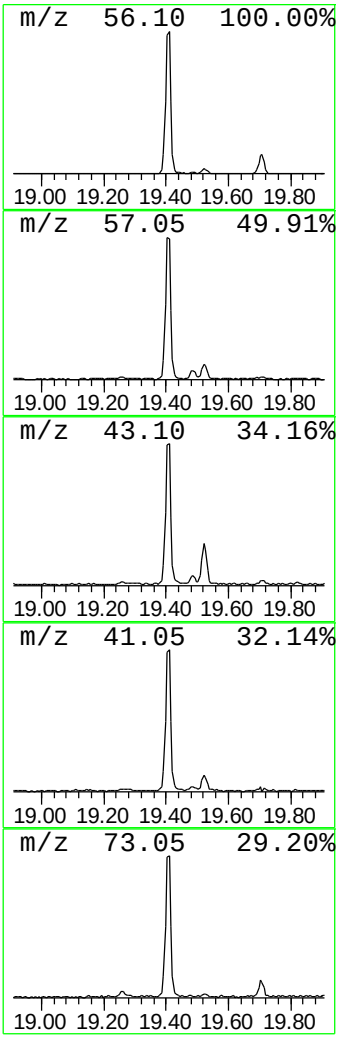
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	8.81 ng	540018	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	27
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27





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

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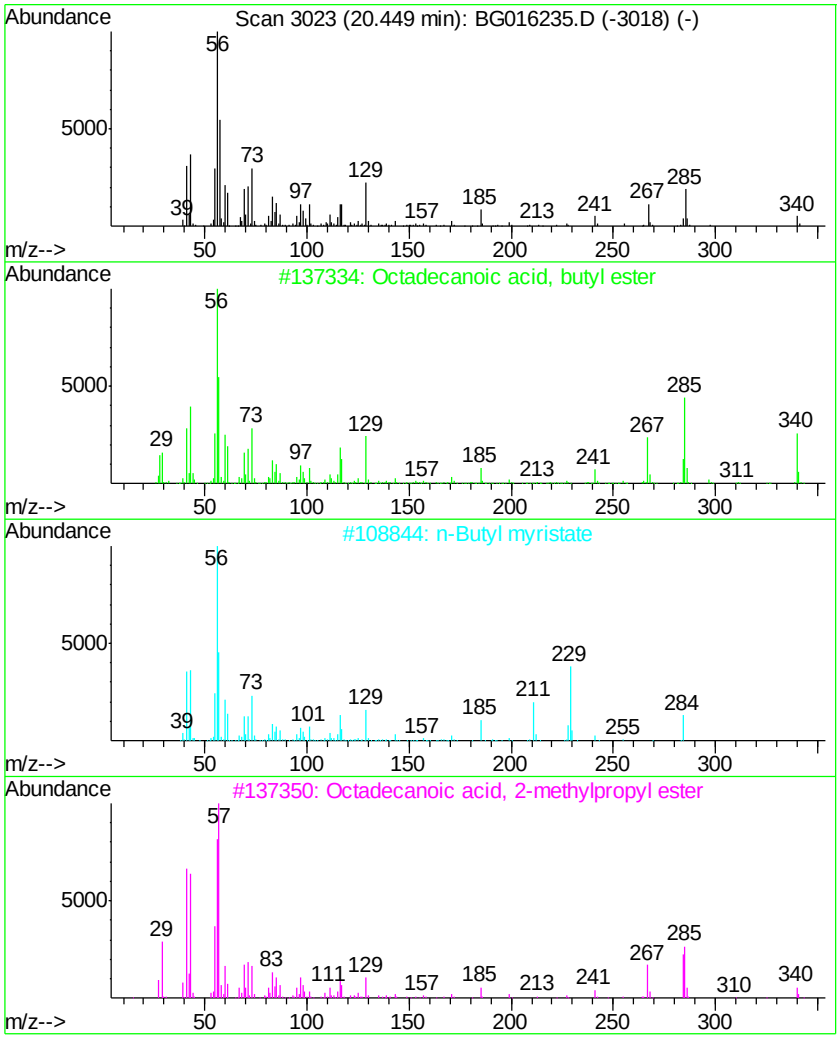
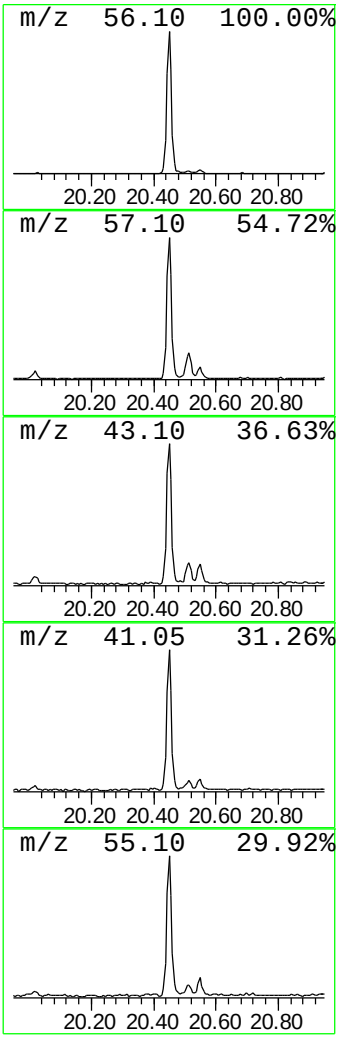
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	6.77 ng	414715	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
4	Nipecotic acid	129	C6H11NO2	000498-95-3	50
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30





Tentatively Identified Compound (LSC) summary

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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...	2.88	22.0	ng	410295	1	7.70	372631	20.0
2-Pentanone, 4-hy...	4.81	3.0	ng	54927	1	7.70	372631	20.0
unknown7.23	7.23	84.2	ng	1569040	1	7.70	372631	20.0
Hexadecanoic acid...	19.41	8.8	ng	540018	5	21.25	1225590	20.0
Octadecanoic acid...	20.45	6.8	ng	414715	5	21.25	1225590	20.0