LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
Data File : BG016272.D
Acq On : 8 Apr 2015 00:10
Operator : TP/IZ
Sample : G1783-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-17(12-13)

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	2.801	14	19	28	rBV	99016	155940	3.93%	0.634%
2	2.878	28	32	37	rVB	85383	94683	2.39%	0.385%
3	4.811	356	361	369	rBV	160480	224243	5.65%	0.912%
4	5.281	435	441	453	rBV	1323947	1838488	46.32%	7.479%
5	6.879	705	713	724	rBV	1405325	2199761	55.42%	8.949%
6	7.232	765	773	787	rBV	1367123	2102272	52.97%	8.553%
7	7.696	846	852	859	rBV	242986	379603	9.56%	1.544%
8	8.019	899	907	914	rBV	919263	1428365	35.99%	5.811%
9	8.853	1042	1049	1059	rBV	806212	1305922	32.90%	5.313%
10	10.487	1320	1327	1336	rVB	377730	633163	15.95%	2.576%
11	12.960	1740	1748	1754	rBV	2122755	3027034	76.27%	12.315%
12	13.559	1845	1850	1856	rBV	33934	45968	1.16%	0.187%
13	13.794	1884	1890	1899	rVB	129052	178095	4.49%	0.725%
14	14.335	1976	1982	1991	rBV2	608331	897944	22.62%	3.653%
15	15.698	2209	2214	2219	rVB	34701	46391	1.17%	0.189%
16	15.827	2229	2236	2248	rBV	1512271	2126374	53.57%	8.651%
17	17.079	2443	2449	2458	rBV	788091	1064237	26.81%	4.330%
18	17.972	2595	2601	2617	rBV2	122702	209064	5.27%	0.851%
19	19.259	2815	2820	2829	rBV	62433	106273	2.68%	0.432%
20	19.705	2890	2896	2905	rBV	3194187	3969078	100.00%	16.147%
21	20.968	3106	3111	3121	rBV	143567	212767	5.36%	0.866%
22	21.250	3154	3159	3170	rBV	869659	1087683	27.40%	4.425%
23	21.403	3182	3185	3193	rBV	41784	45368	1.14%	0.185%
24	21.832	3255	3258	3263	rBV	34601	48551	1.22%	0.198%
25	22.296	3333	3337	3344	rBV2	41684	58909	1.48%	0.240%
26	23.377	3517	3521	3527	rVB4	26369	41228	1.04%	0.168%
27	23.495	3534	3541	3551	rBV2	550239	1053358	26.54%	4.285%

Sum of corrected areas: 24580762

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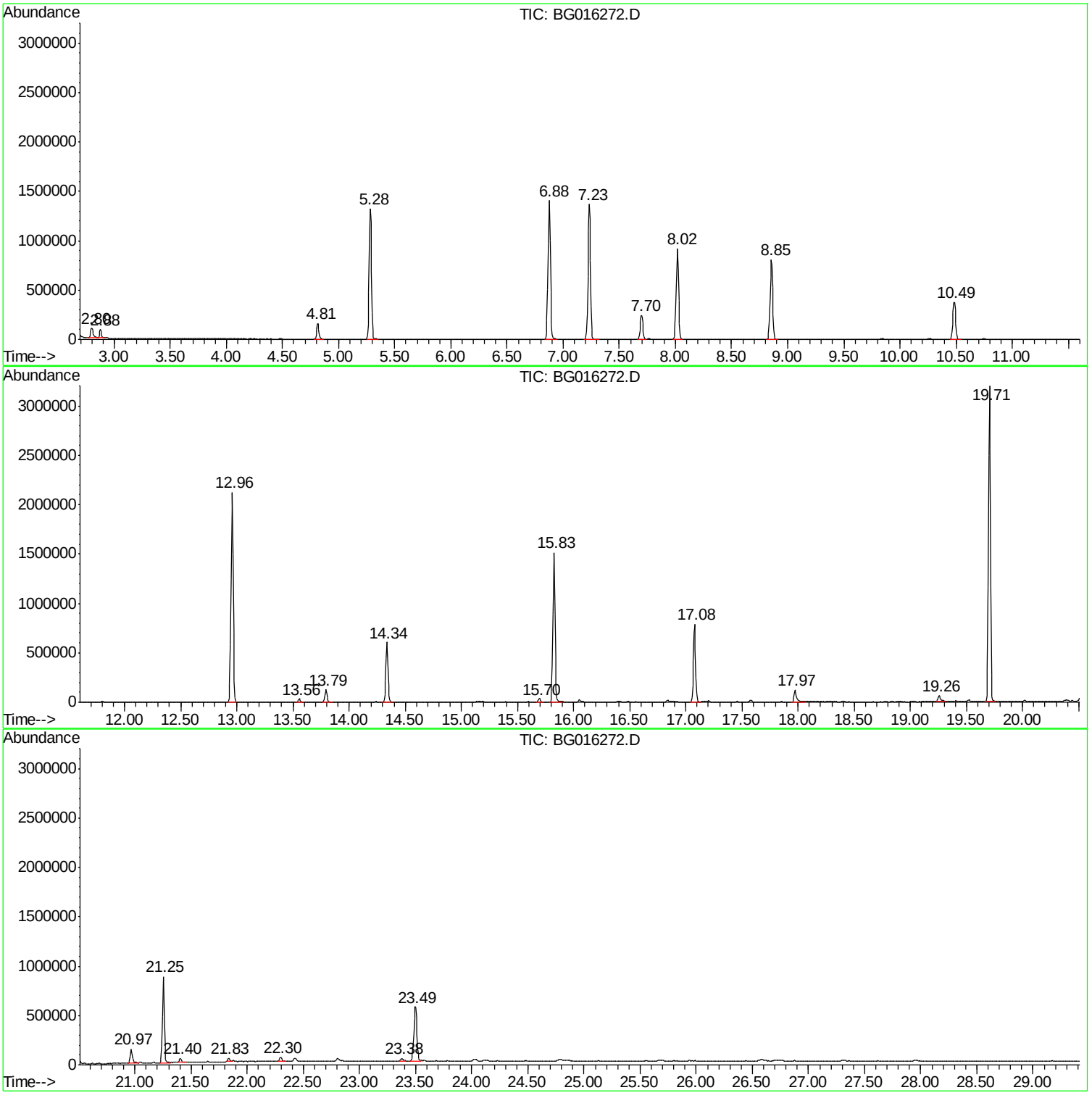
Instrument :
BNA_G
ClientSampleId :
SB-17(12-13)

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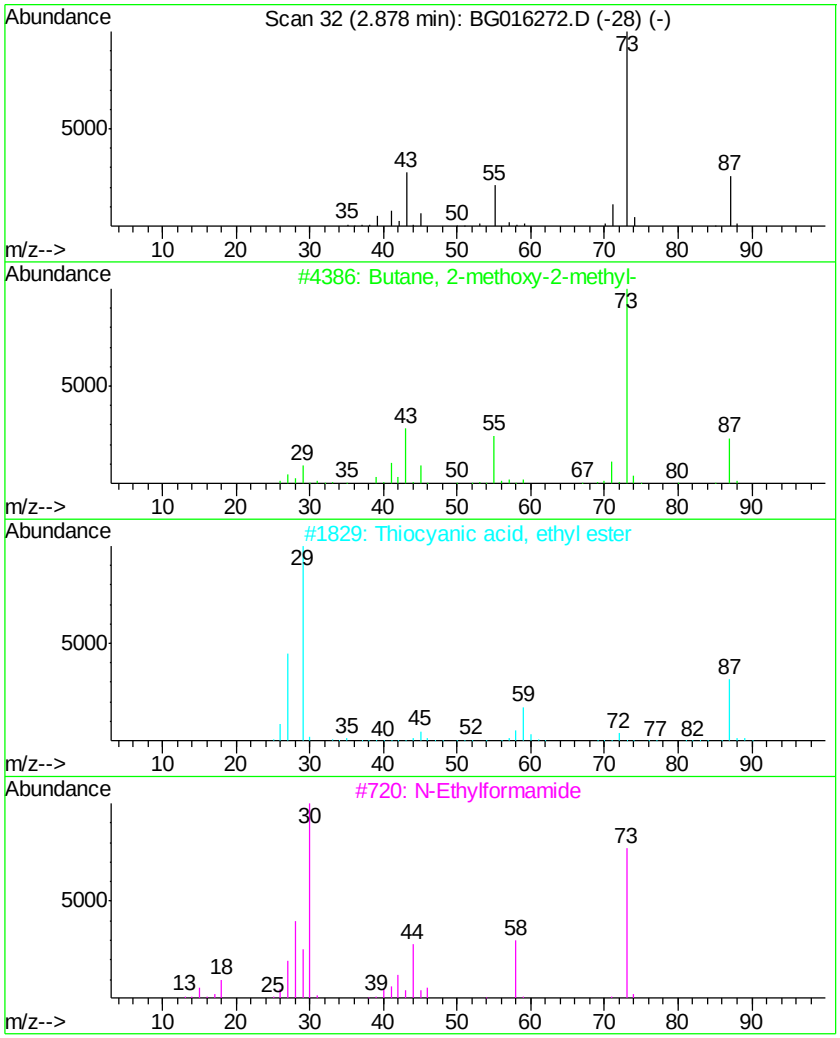
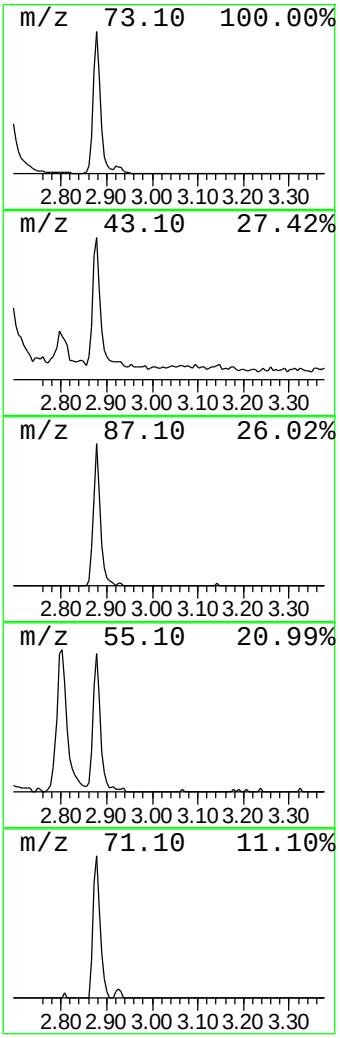
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	4.99 ng	94683	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	72
2	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-17(12-13)

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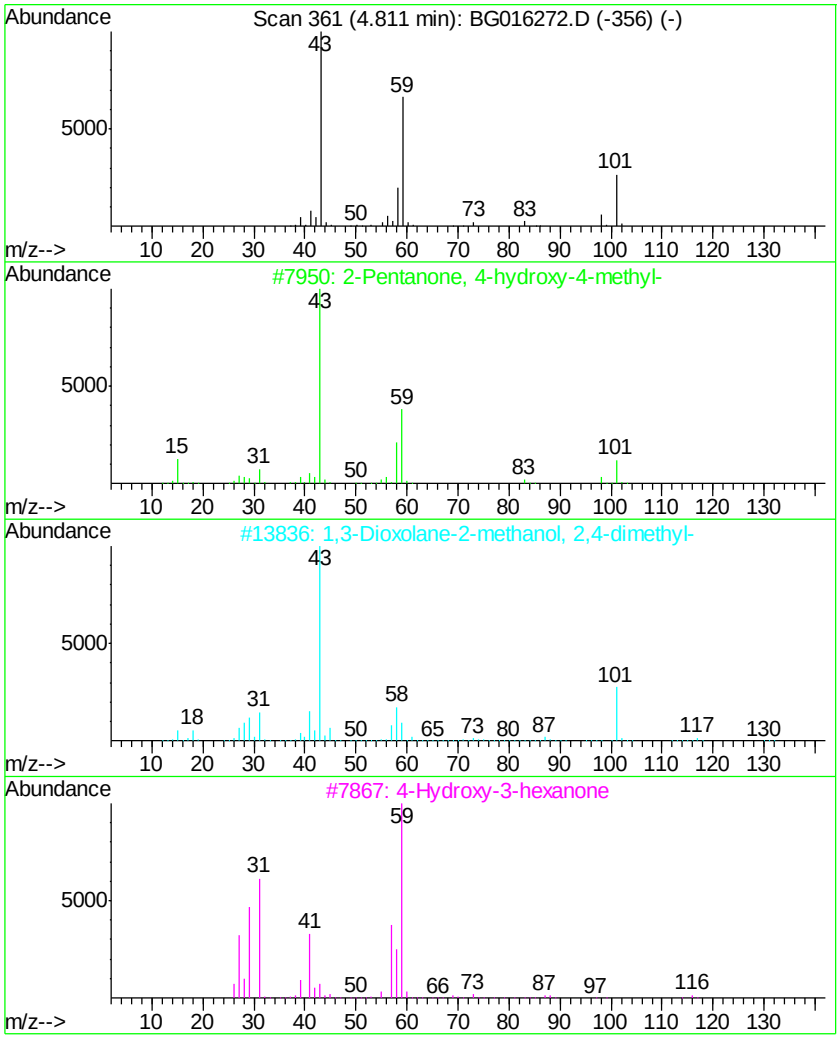
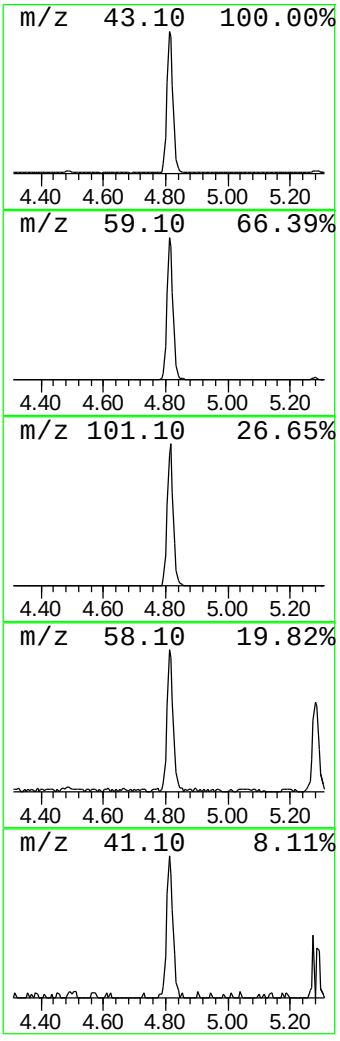
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	11.81 ng	224243	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	53
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17





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Misc :
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ClientSampleId : SB-17(12-13)

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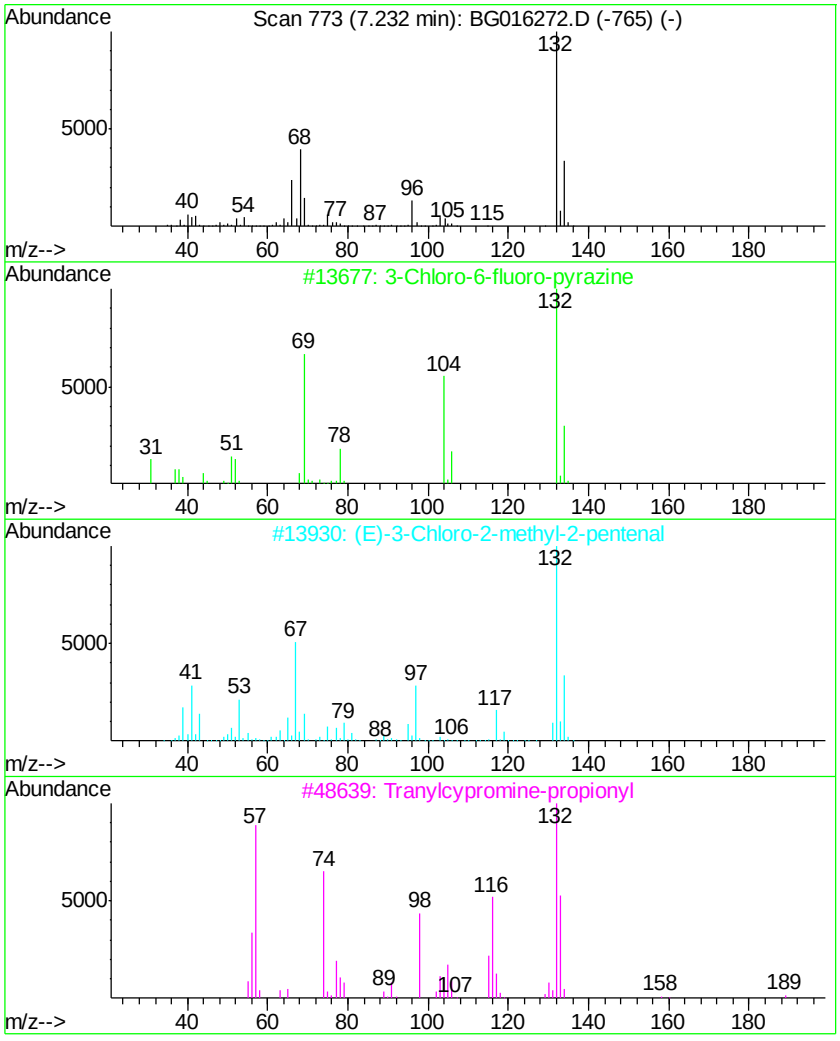
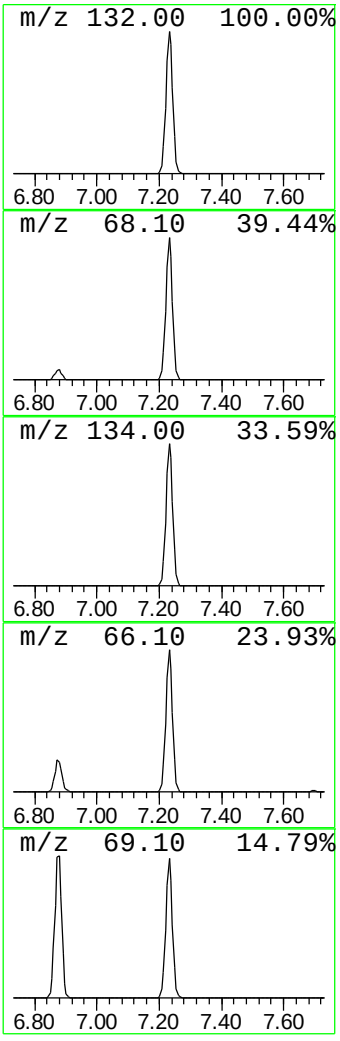
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	110.76 ng	2102270	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	16
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-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SB-17(12-13)

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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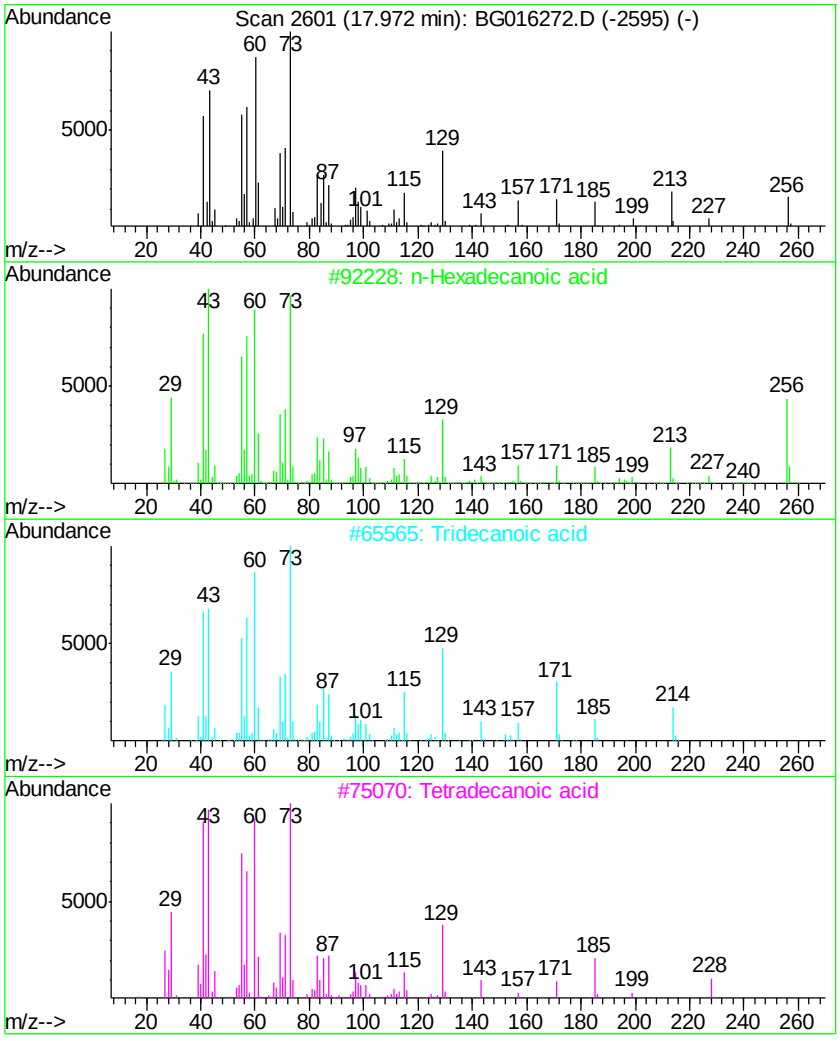
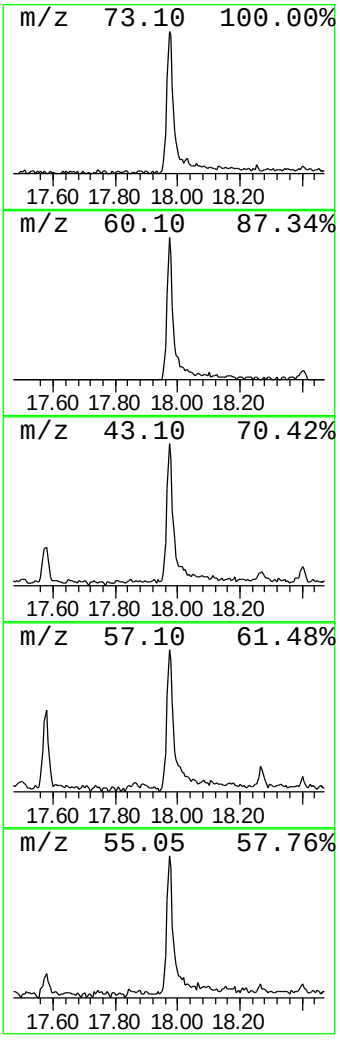
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.93 ng	209064	Phenanthrene-d10	17.08

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : G1783-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-17(12-13)

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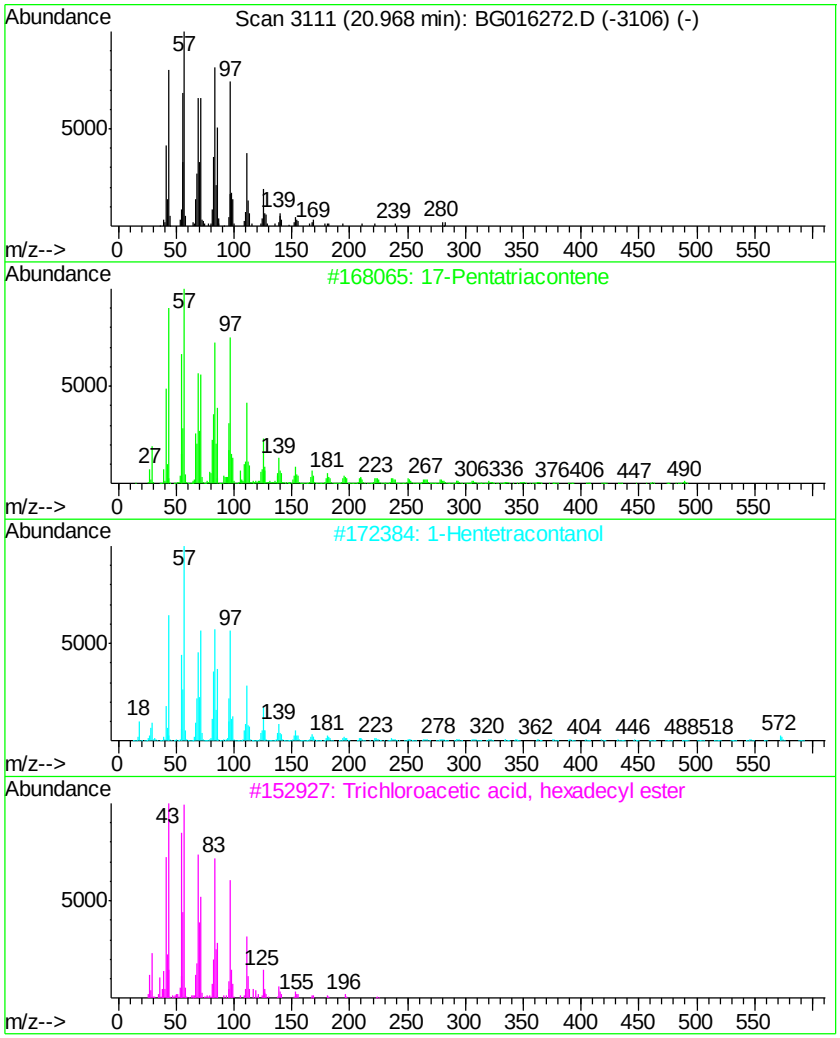
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

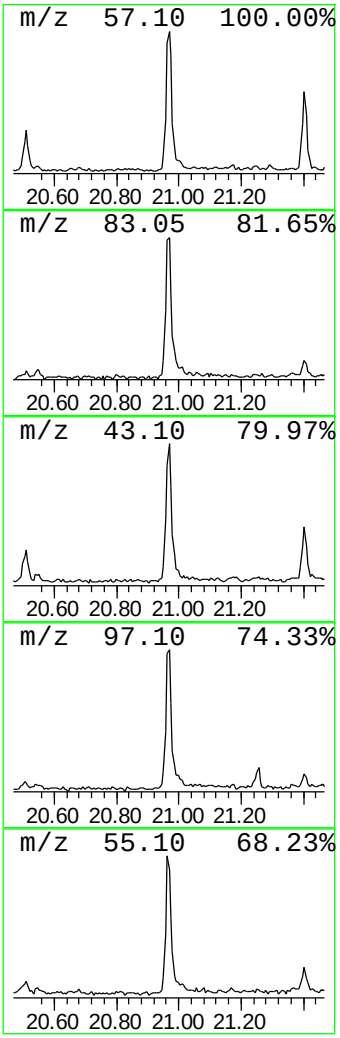
****

Peak Number 7 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.91 ng	212767	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Hentetracontanol	593	C41H84O	040710-42-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	5.0	ng	94683	1	7.70	379603	20.0
2-Pentanone, 4-hy...	4.81	11.8	ng	224243	1	7.70	379603	20.0
unknown7.23	7.23	110.8	ng	2102270	1	7.70	379603	20.0
n-Hexadecanoic acid	17.97	3.9	ng	209064	4	17.08	1064240	20.0
17-Pentatriacontene	20.97	3.9	ng	212767	5	21.26	1087680	20.0