LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

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-BG070816.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	5.226	401	406	413	rVB2	79734	117863	1.10%	0.248%
2	5.696	480	486	494	rBV	877562	1425142	13.31%	3.003%
3	7.306	754	760	774	rVB	701960	1223544	11.42%	2.579%
4	7.682	816	824	834	rBV	1646034	2847556	26.59%	6.001%
5	8.152	893	904	912	rBV	412937	718982	6.71%	1.515%
6	8.481	950	960	967	rBV	1231764	2207426	20.61%	4.652%
7	9.327	1096	1104	1117	rBV	1400042	2498831	23.33%	5.266%
8	10.984	1379	1386	1398	rVB	631527	1198294	11.19%	2.525%
9	12.611	1657	1663	1671	rBV	44692	118039	1.10%	0.249%
10	13.416	1791	1800	1807	rVV	3918870	6189598	57.79%	13.044%
11	14.239	1935	1940	1944	rVB	125672	178655	1.67%	0.377%
12	14.797	2026	2035	2043	rBV2	1144705	1902998	17.77%	4.011%
13	16.289	2282	2289	2298	rBV	4308307	6675422	62.33%	14.068%
14	17.282	2454	2458	2462	rBV7	93818	137903	1.29%	0.291%
15	17.553	2498	2504	2511	rBV2	1565134	2366536	22.10%	4.987%
16	17.899	2560	2563	2567	rVB2	86368	110220	1.03%	0.232%
17	18.422	2648	2652	2657	rBV	305762	435371	4.06%	0.918%
18	19.627	2853	2857	2863	rVB4	133886	184246	1.72%	0.388%
19	19.691	2863	2868	2875	rBV2	302624	471351	4.40%	0.993%
20	20.155	2941	2947	2954	rBV	7772185	10710300	100.00%	22.572%
21	21.037	3094	3097	3102	rVB	127105	141208	1.32%	0.298%
22	21.848	3229	3235	3244	rVB2	1691407	2835376	26.47%	5.975%
23	25.208	3796	3807	3821	rVB3	885926	2755510	25.73%	5.807%

Sum of corrected areas: 47450371

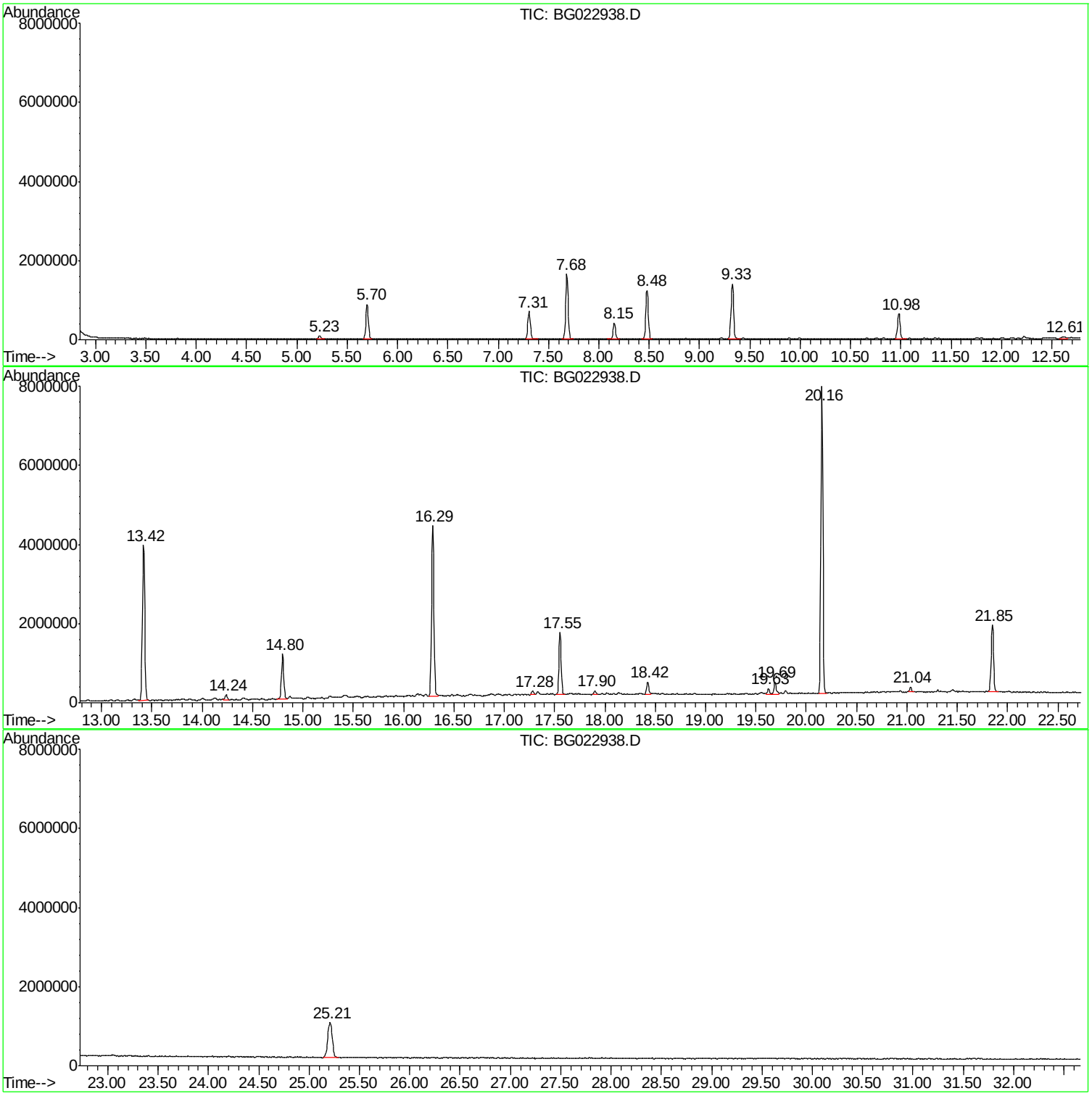
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

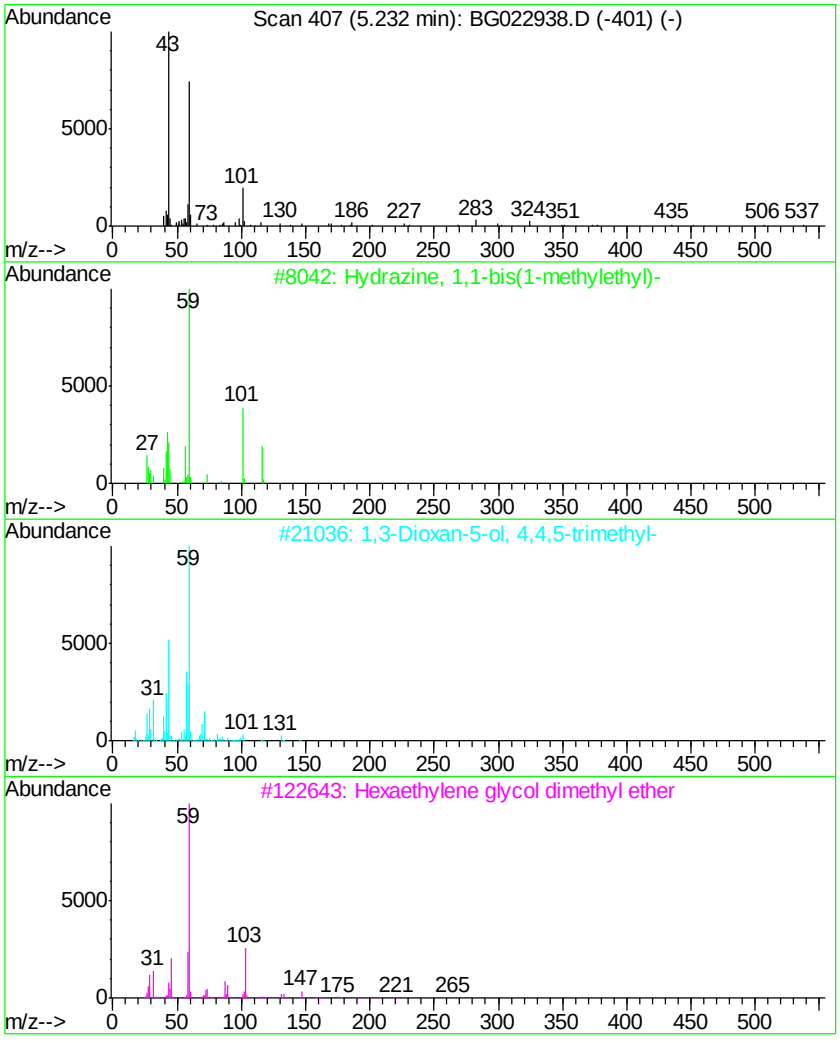
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

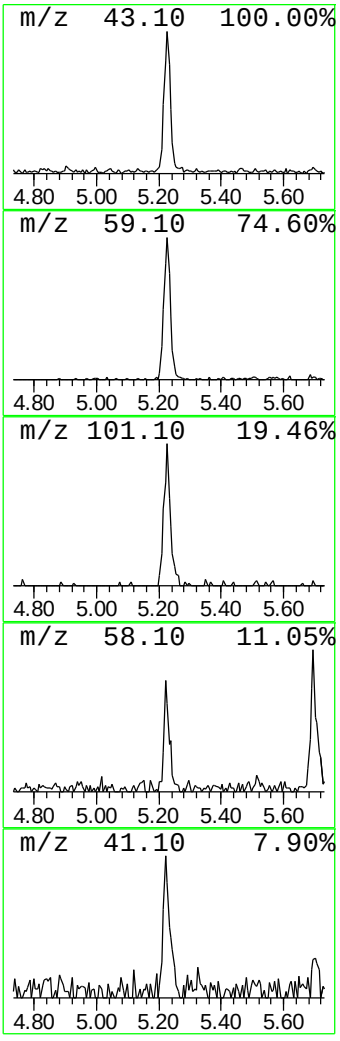
****

Peak Number 1 unknown5.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	3.28 ng	117863	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
2	1,3-Dioxan-5-ol, 4,4,5-trimethyl-	146	C7H14O3	054063-14-8	28
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	28
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	28
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

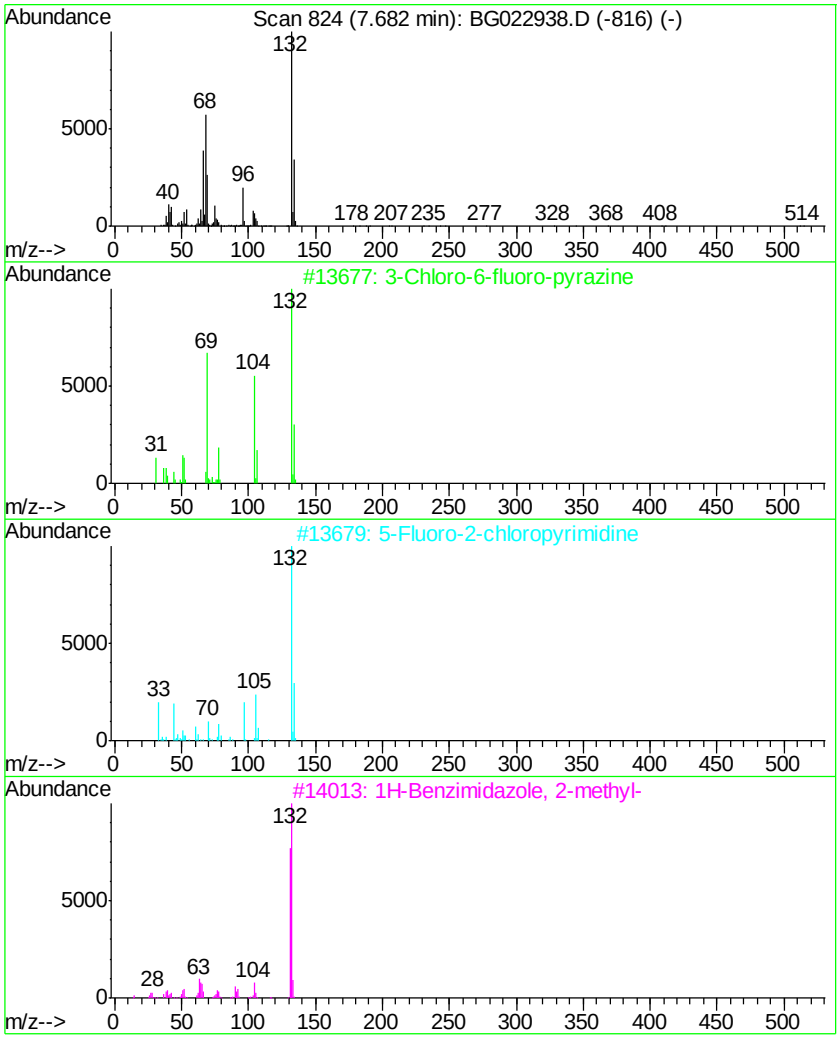
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

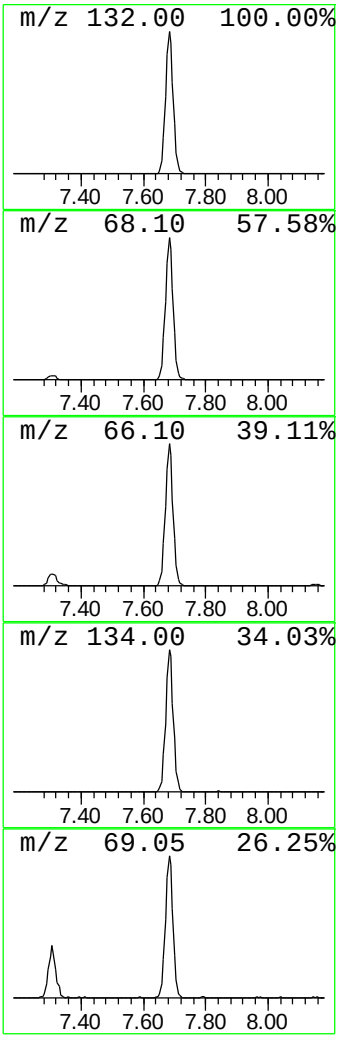
****

Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.21 ng	2847560	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

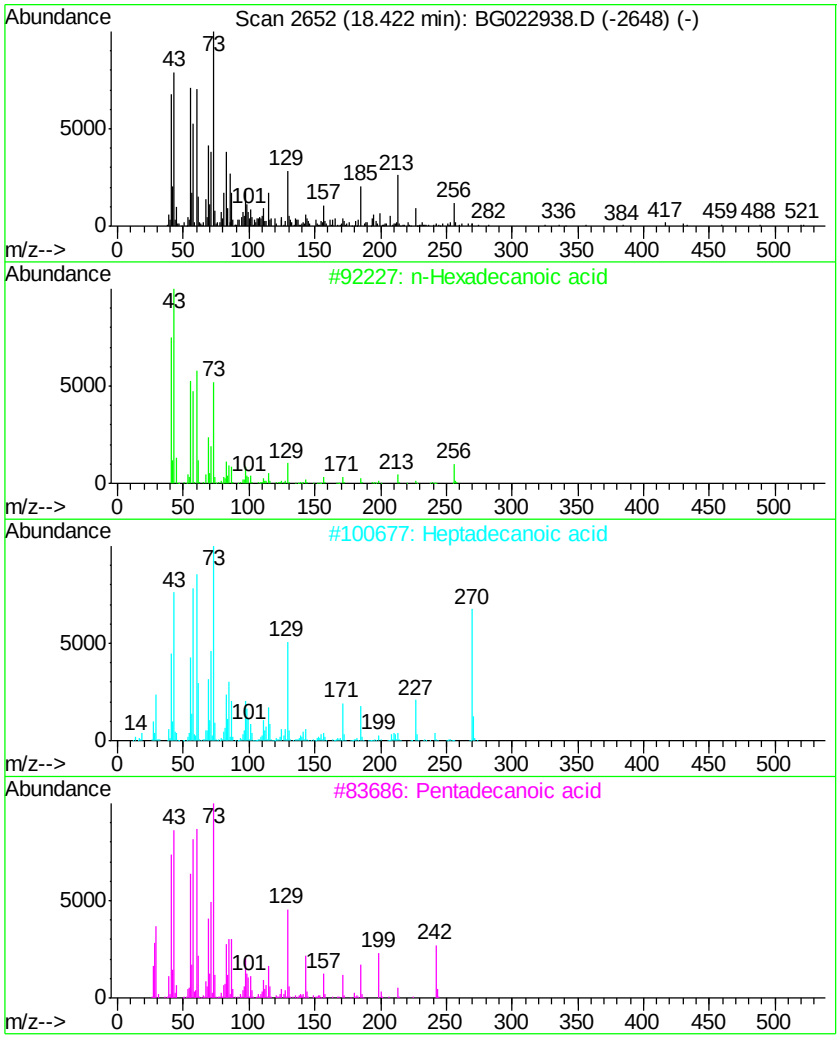
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

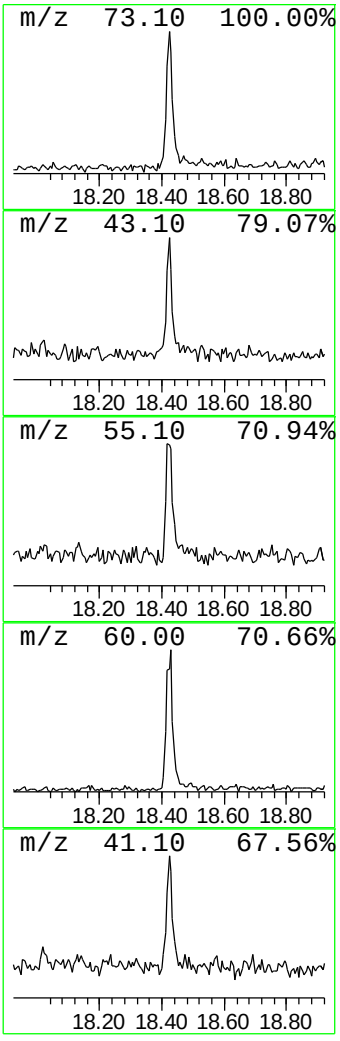
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.68 ng	435371	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	35





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

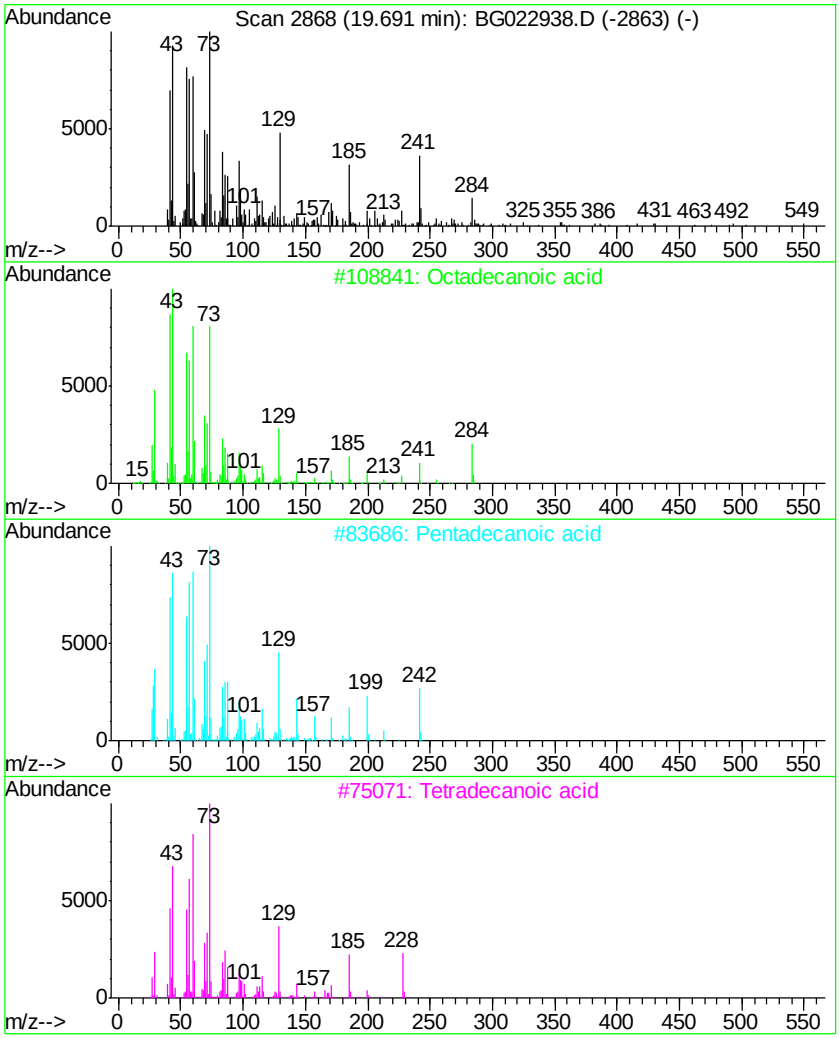
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

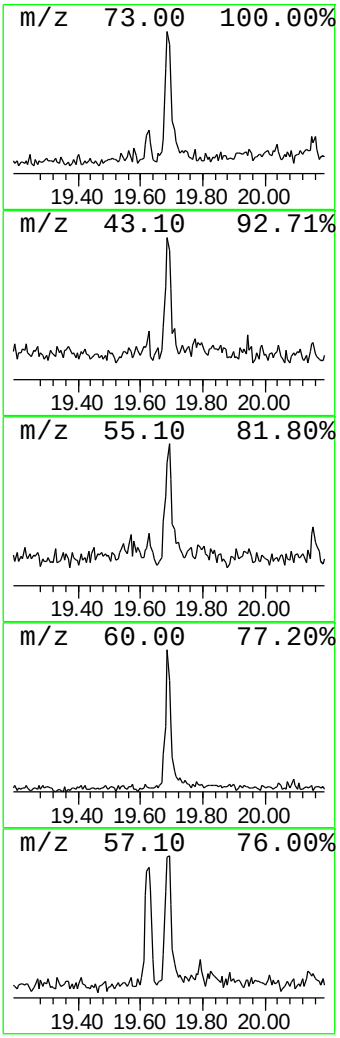
****

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.98 ng	471351	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022938.D
Acq On : 8 Jul 2016 20:05
Operator : UM/SJ
Sample : H3859-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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
unknown5.23	5.23	3.3	ng	117863	1	8.15	718982	20.0
unknown7.68	7.68	79.2	ng	2847560	1	8.15	718982	20.0
n-Hexadecanoic acid	18.42	3.7	ng	435371	4	17.55	2366540	20.0
Octadecanoic acid	19.69	4.0	ng	471351	4	17.55	2366540	20.0