LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

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-BG062516.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	5.242	403	409	418	rBV	156441	250136	2.07%	0.448%
2	5.706	480	488	497	rBV	1271629	2053697	17.01%	3.682%
3	7.304	753	760	769	rVB	908090	1532272	12.69%	2.747%
4	7.692	818	826	835	rBV	2374674	4014880	33.25%	7.198%
5	8.162	896	906	913	rBV	484206	868540	7.19%	1.557%
6	8.491	954	962	969	rBV	2008934	3527333	29.21%	6.323%
7	9.337	1097	1106	1114	rBV	1841475	3343267	27.69%	5.993%
8	10.994	1377	1388	1394	rBV	661914	1237648	10.25%	2.219%
9	13.426	1794	1802	1810	rVB	4686641	7533772	62.40%	13.506%
10	14.243	1936	1941	1946	rBV2	79733	121900	1.01%	0.219%
11	14.801	2028	2036	2045	rVB2	1129137	1881561	15.58%	3.373%
12	16.288	2280	2289	2299	rBV	4817579	7368250	61.02%	13.209%
13	16.546	2328	2333	2337	rVB3	122663	182148	1.51%	0.327%
14	17.551	2498	2504	2511	rBV	1591455	2482389	20.56%	4.450%
15	18.426	2647	2653	2661	rBV	307123	488269	4.04%	0.875%
16	18.514	2664	2668	2673	rVB	229597	324545	2.69%	0.582%
17	19.689	2864	2868	2874	rBV3	326591	460093	3.81%	0.825%
18	20.154	2941	2947	2954	rBV	8607390	12074179	100.00%	21.645%
19	21.476	3168	3172	3180	rVB	103255	207962	1.72%	0.373%
20	21.846	3229	3235	3242	rVB2	1702028	2896555	23.99%	5.193%
21	25.207	3797	3807	3819	rVB	988919	2932167	24.28%	5.257%

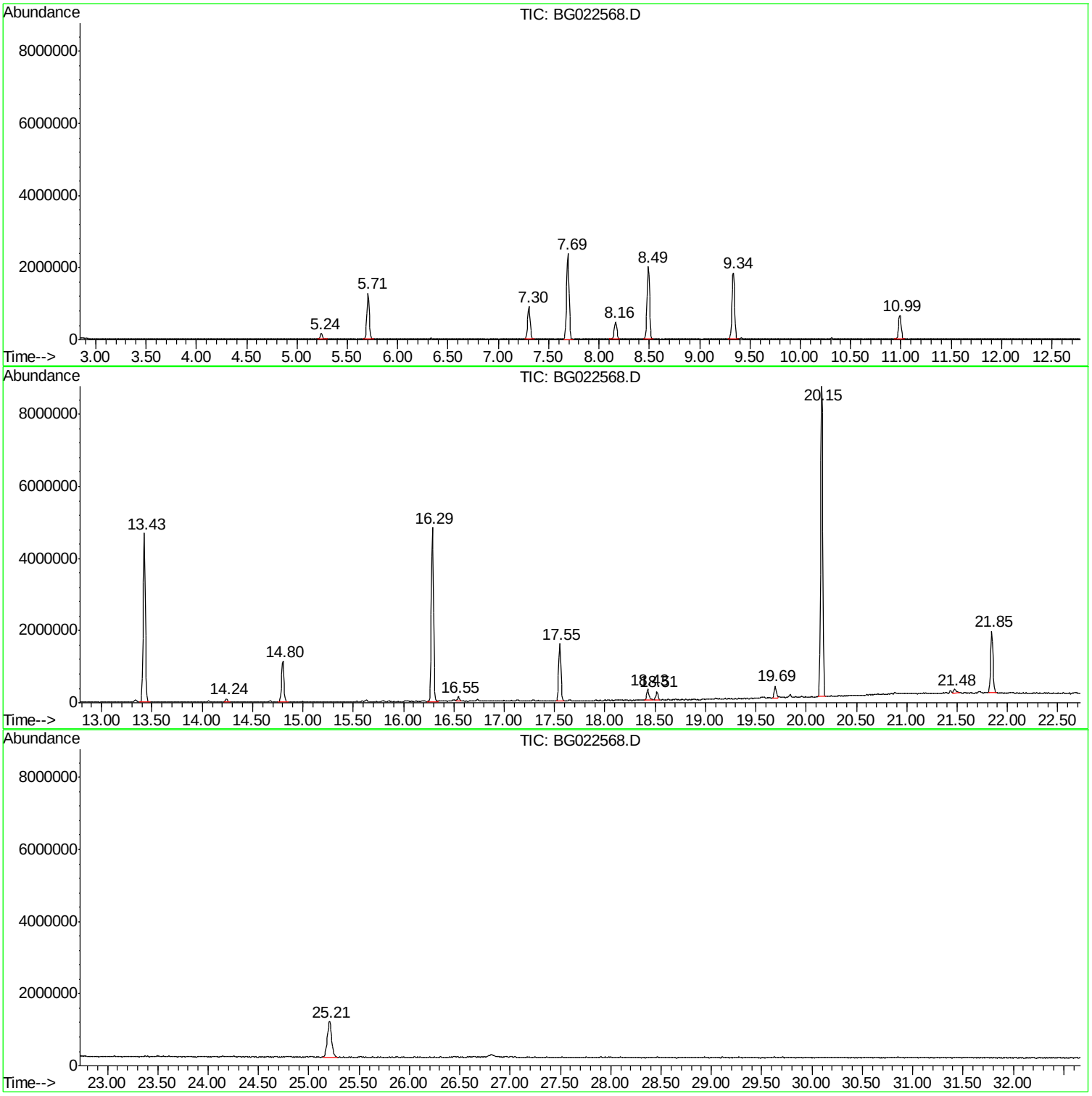
Sum of corrected areas: 55781563

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

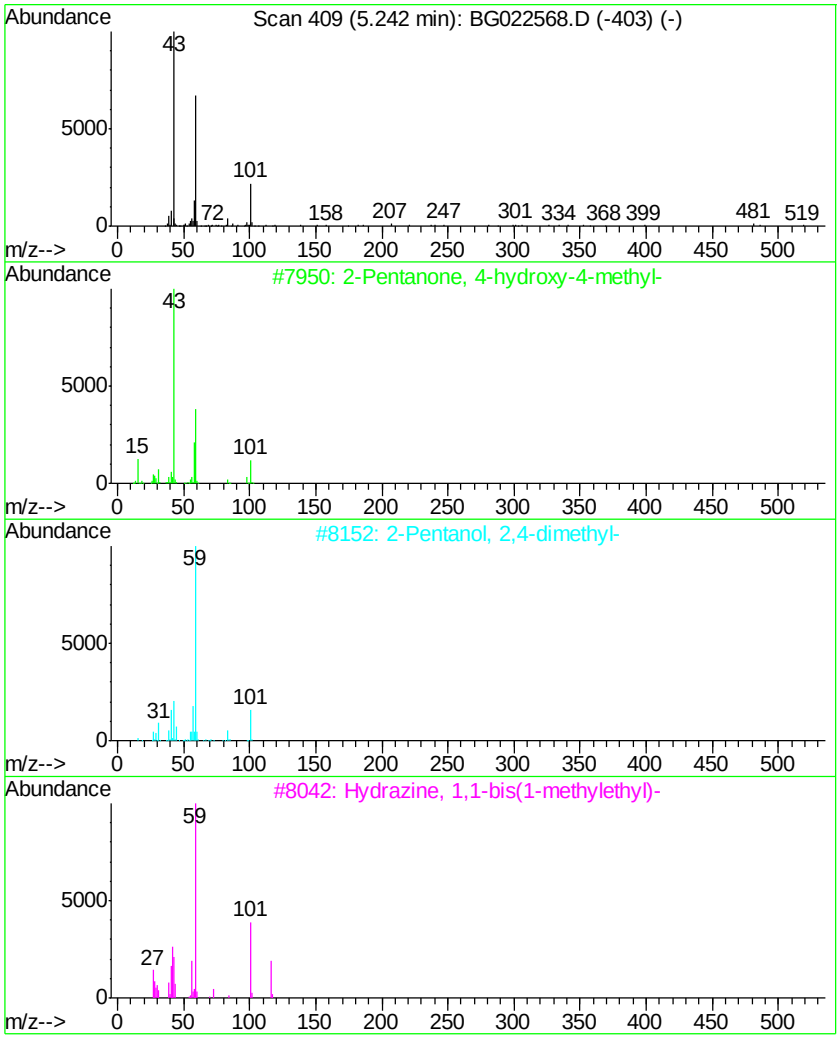
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

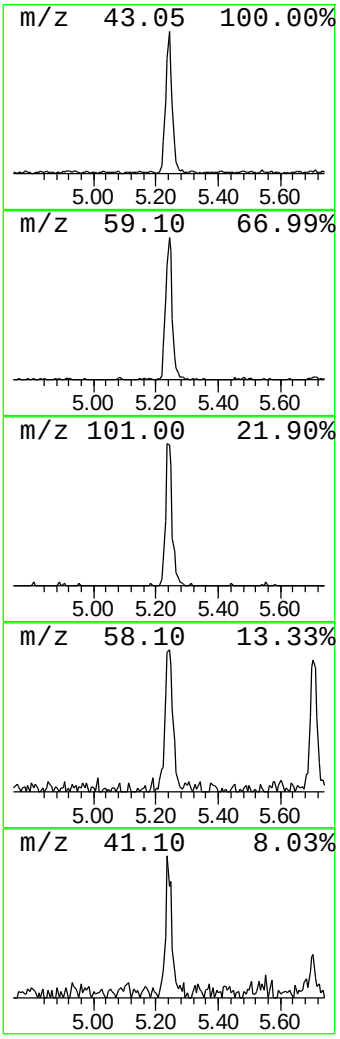
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	5.76 ng	250136	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	27
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

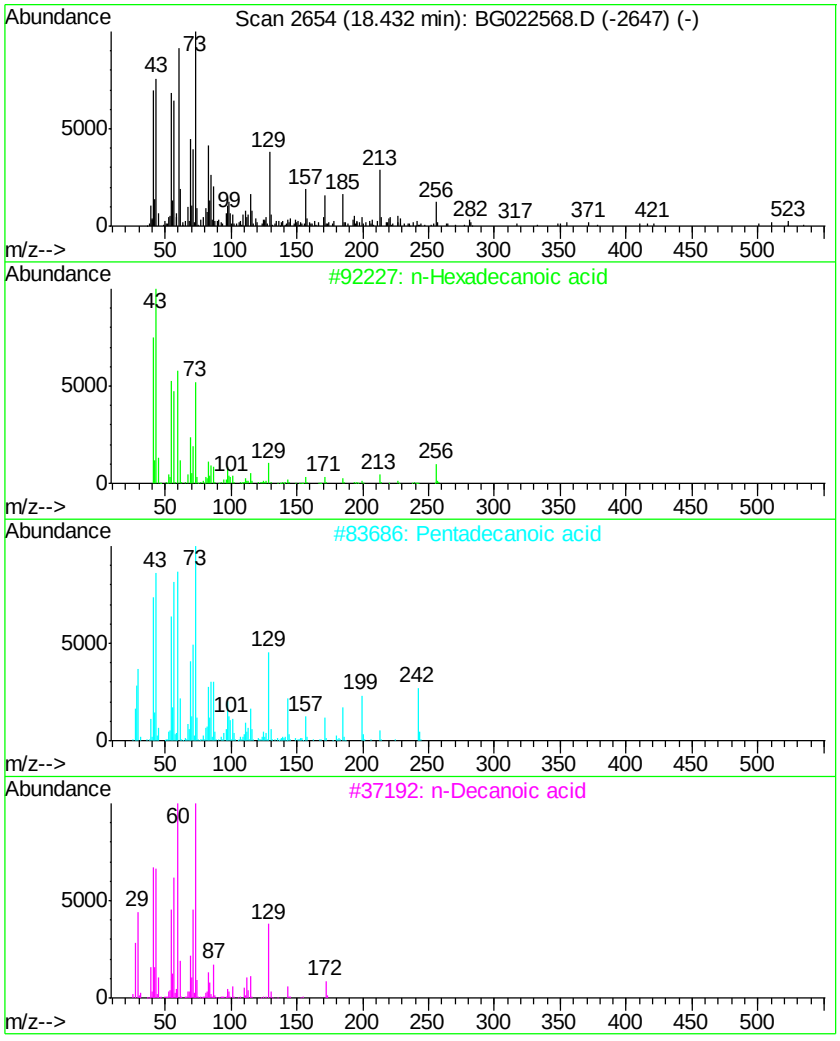
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

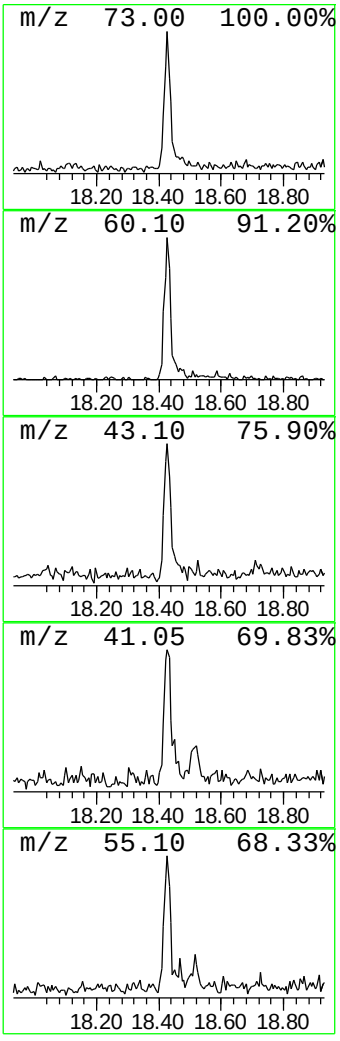
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.93 ng	488269	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

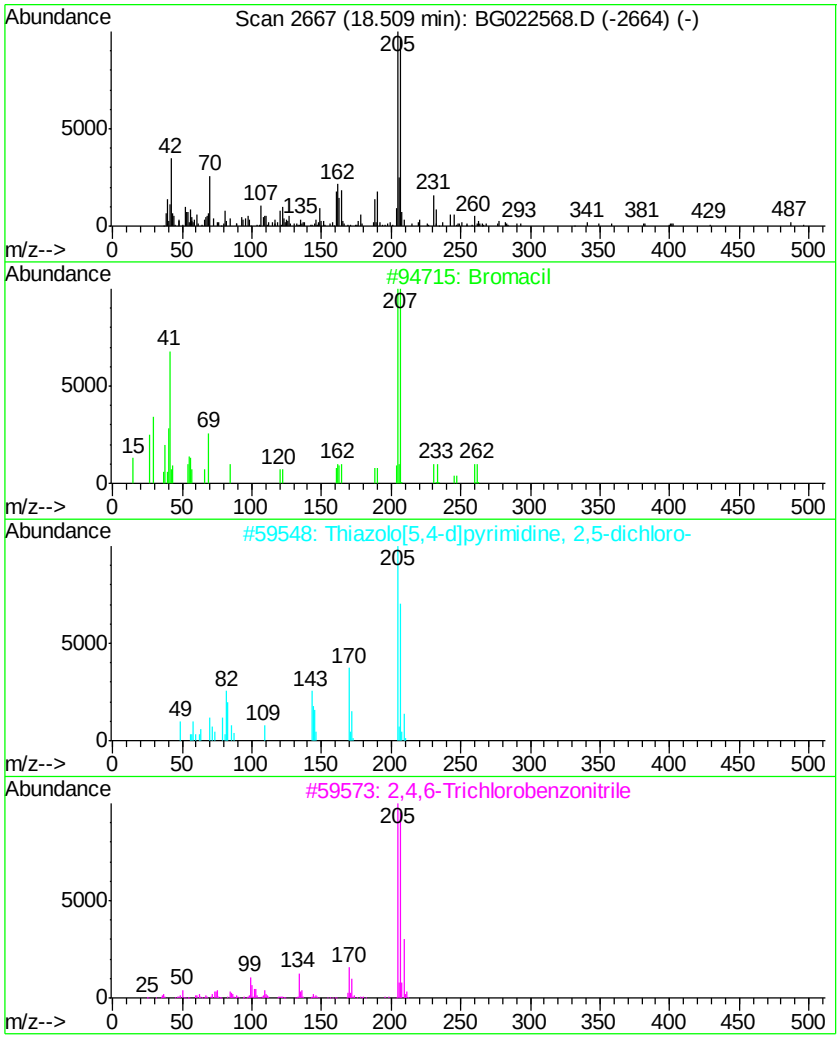
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

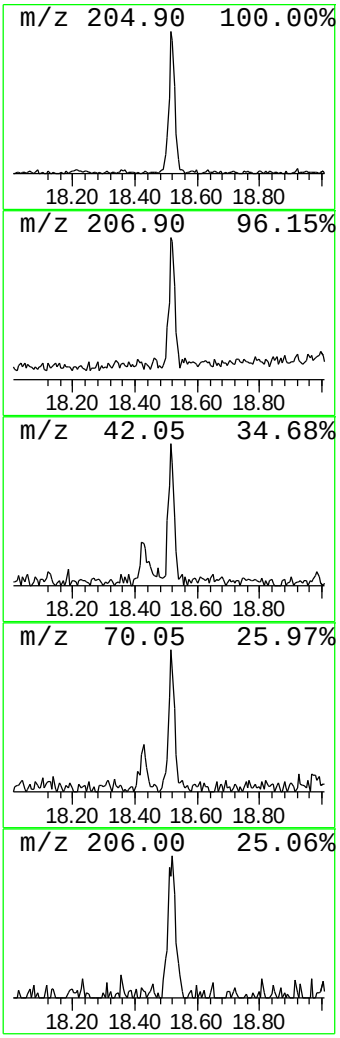
****

Peak Number 5 Bromacil Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.61 ng	324545	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	86
2	Thiazolo[5,4-d]pyrimidine, 2,5-d...	205	C5HCl2N3S	013479-89-5	64
3	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	50
4	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	50
5	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

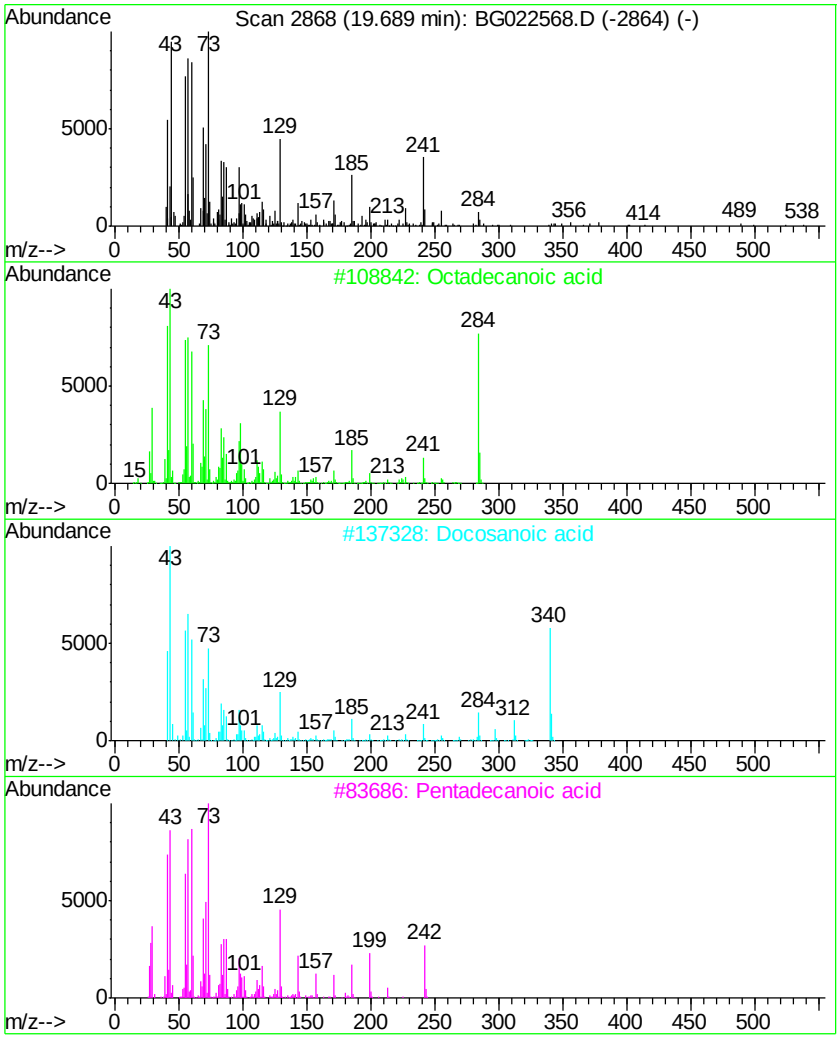
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

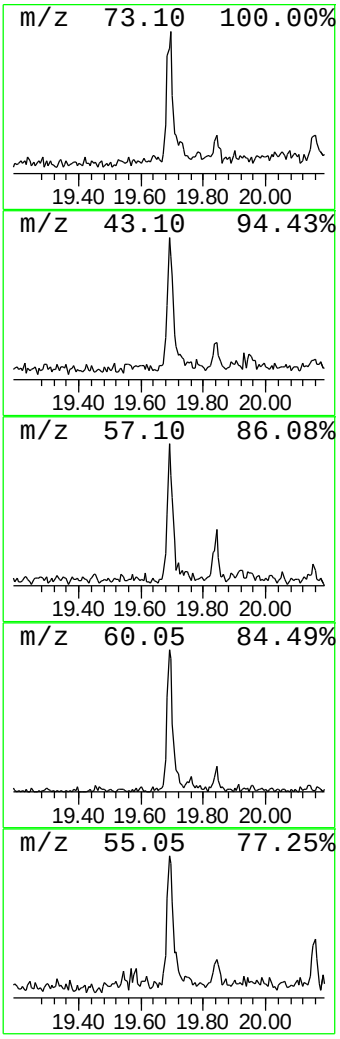
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.71 ng	460093	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Docosanoic acid	340	C22H44O2	000112-85-6	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022568.D
Acq On : 25 Jun 2016 10:47
Operator : UM/SJ
Sample : H3633-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
2-Pentanone, 4-hy...	5.24	5.8	ng	250136	1	8.17	868540	20.0
n-Hexadecanoic acid	18.43	3.9	ng	488269	4	17.55	2482390	20.0
Bromacil	18.51	2.6	ng	324545	4	17.55	2482390	20.0
Octadecanoic acid	19.69	3.7	ng	460093	4	17.55	2482390	20.0