LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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	4.018	193	201	207	rBV2	59841	117653	1.36%	0.292%
2	4.635	300	306	314	rBV	420373	638167	7.39%	1.583%
3	5.240	405	409	417	rBV2	65118	103629	1.20%	0.257%
4	5.704	482	488	497	rVB	846992	1377807	15.95%	3.418%
5	7.302	751	760	771	rVB	598209	1119214	12.96%	2.776%
6	7.690	818	826	835	rBV	1430733	2539421	29.40%	6.299%
7	8.166	899	907	914	rBV	394084	687877	7.96%	1.706%
8	8.489	956	962	970	rBV	1320960	2313434	26.78%	5.739%
9	9.335	1099	1106	1114	rVB	1229344	2167930	25.10%	5.378%
10	10.992	1380	1388	1395	rBV	533655	1009139	11.68%	2.503%
11	13.425	1795	1802	1809	rBV	3178065	4993399	57.81%	12.387%
12	14.241	1937	1941	1948	rVB	165327	255681	2.96%	0.634%
13	14.799	2031	2036	2043	rBV2	881971	1419840	16.44%	3.522%
14	16.292	2283	2290	2299	rBV	2953742	4781329	55.35%	11.860%
15	17.555	2500	2505	2513	rVB2	1276330	1979612	22.92%	4.911%
16	18.436	2650	2655	2664	rBV	651071	977536	11.32%	2.425%
17	19.559	2843	2846	2849	rBV5	80585	112829	1.31%	0.280%
18	19.700	2866	2870	2877	rBV2	920840	1267711	14.68%	3.145%
19	20.158	2943	2948	2954	rVB	6753211	8638337	100.00%	21.428%
20	21.850	3230	3236	3242	rVB	1388021	2374125	27.48%	5.889%
21	25.205	3800	3807	3819	rVB3	469102	1438509	16.65%	3.568%

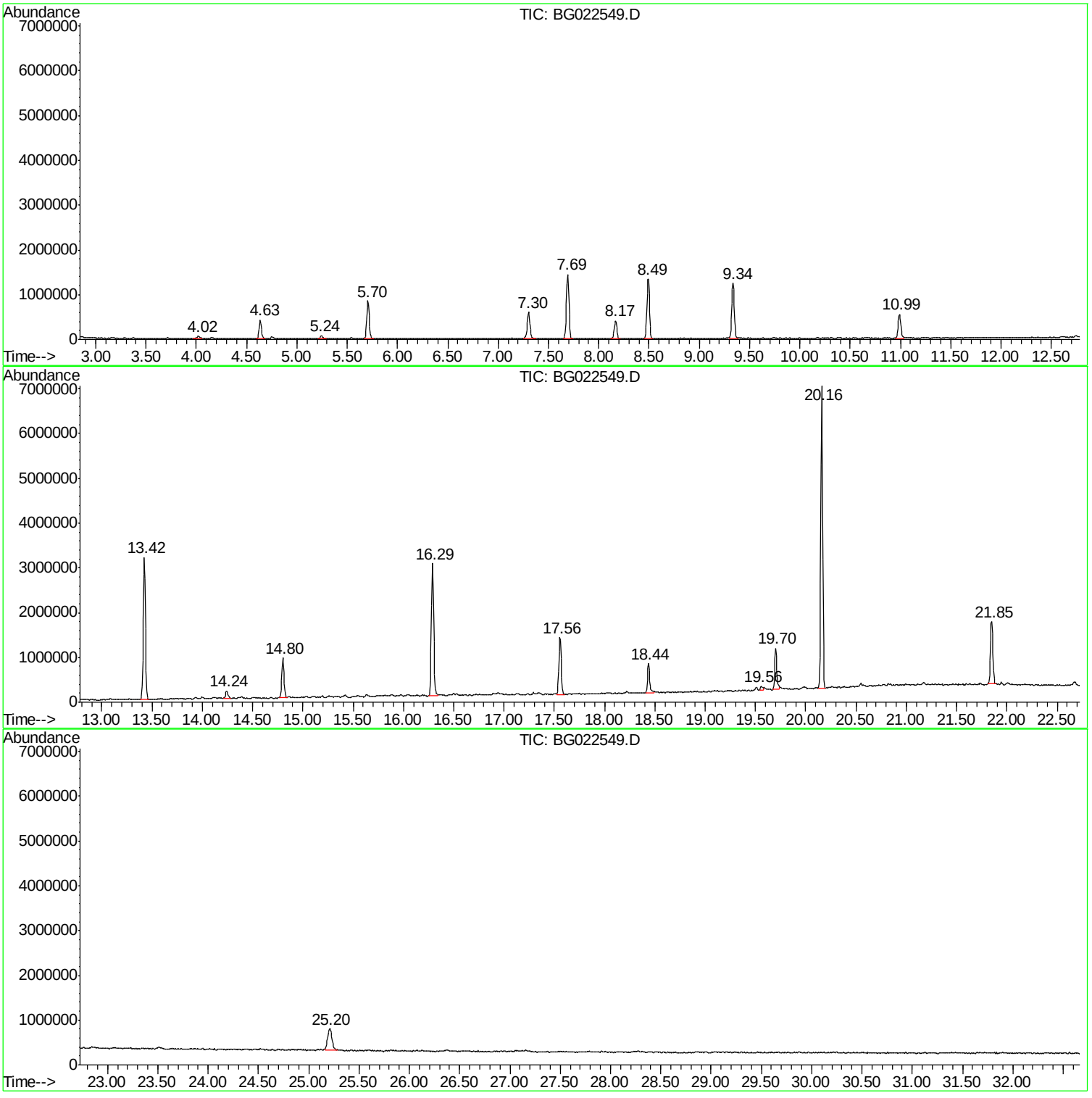
Sum of corrected areas: 40313179

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW04-0616

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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

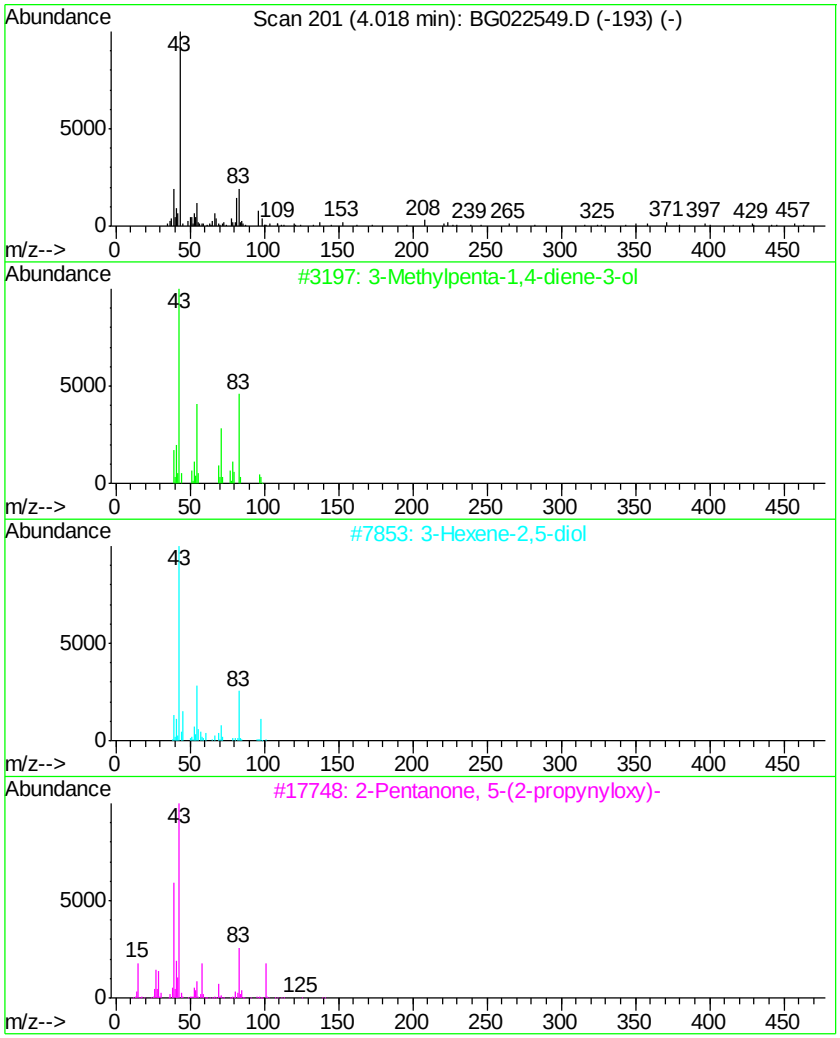
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

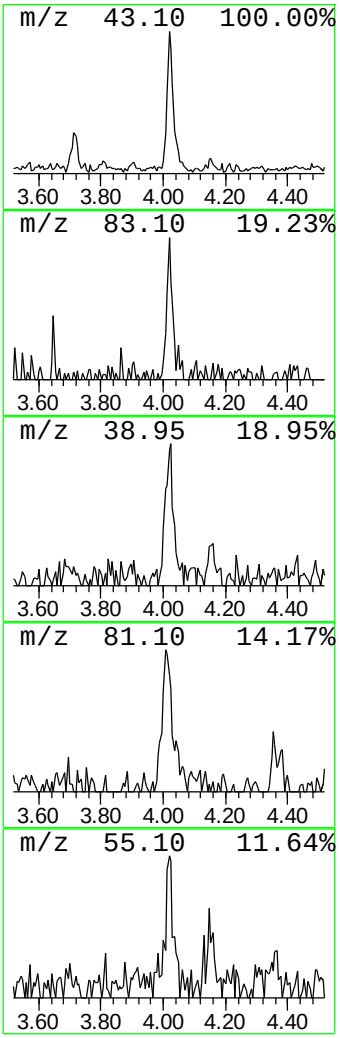
****

Peak Number 1 unknown4.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.42 ng	117653	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	38
2	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	23
3	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	17
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	17
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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

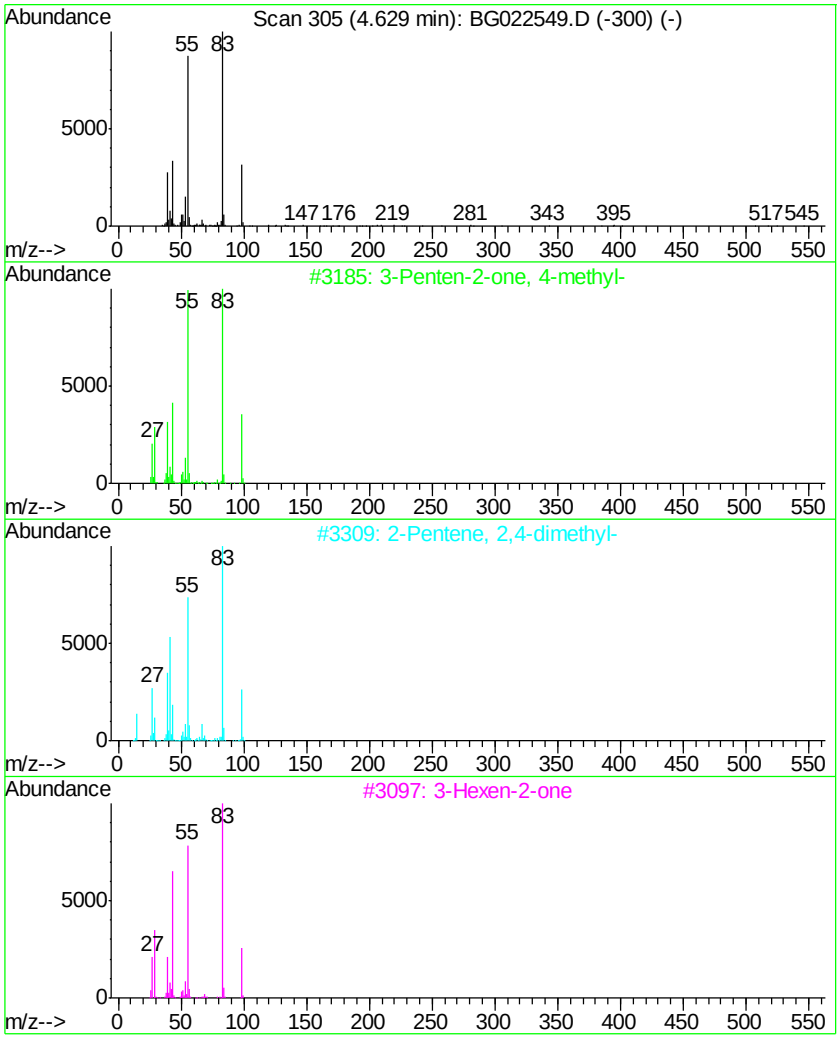
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

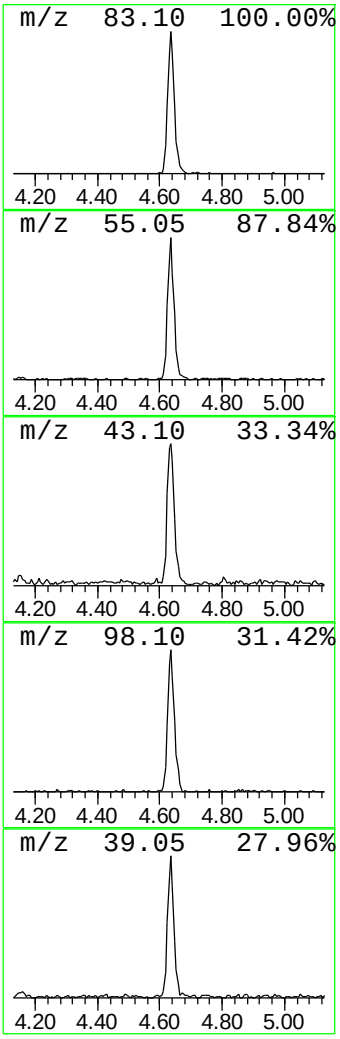
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	18.55 ng	638167	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	93
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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

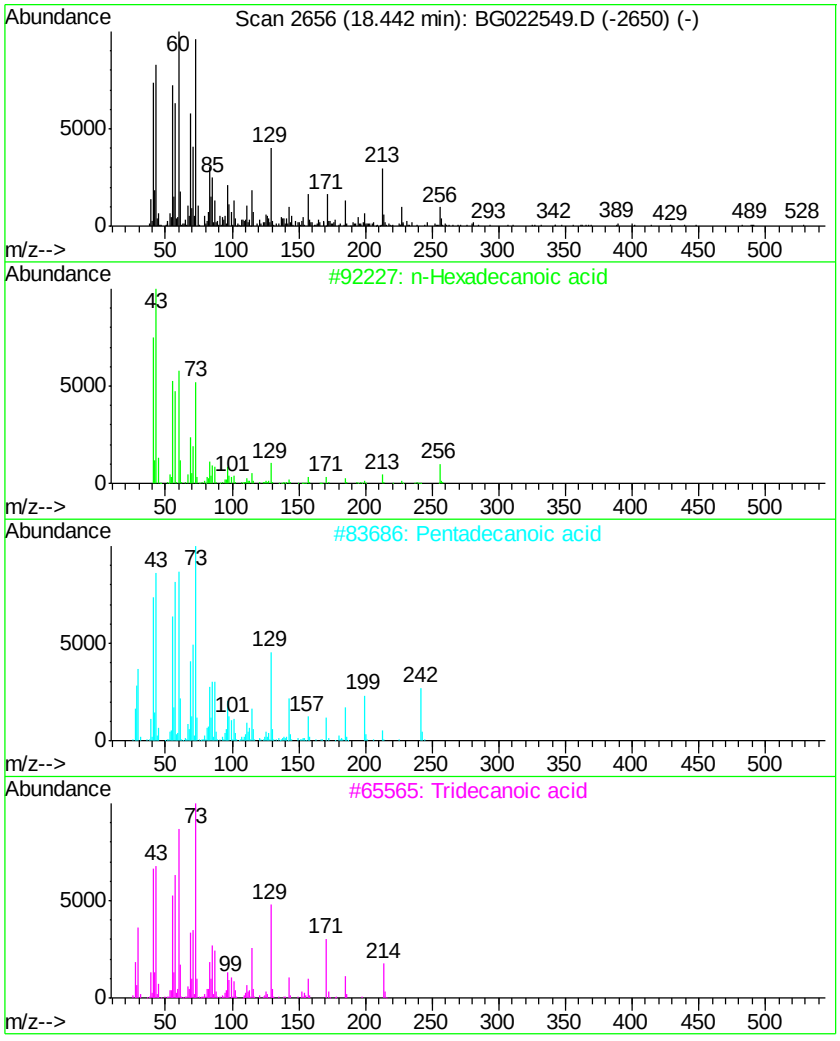
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

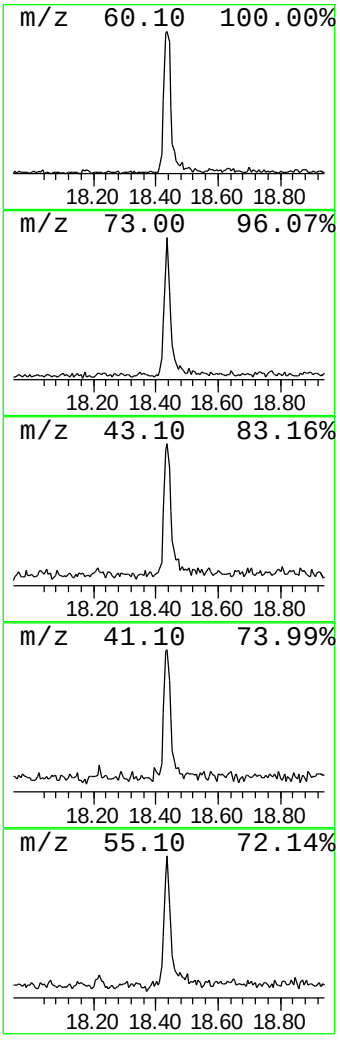
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	9.88 ng	977536	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	35
5	Hexadecane	226	C16H34	000544-76-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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

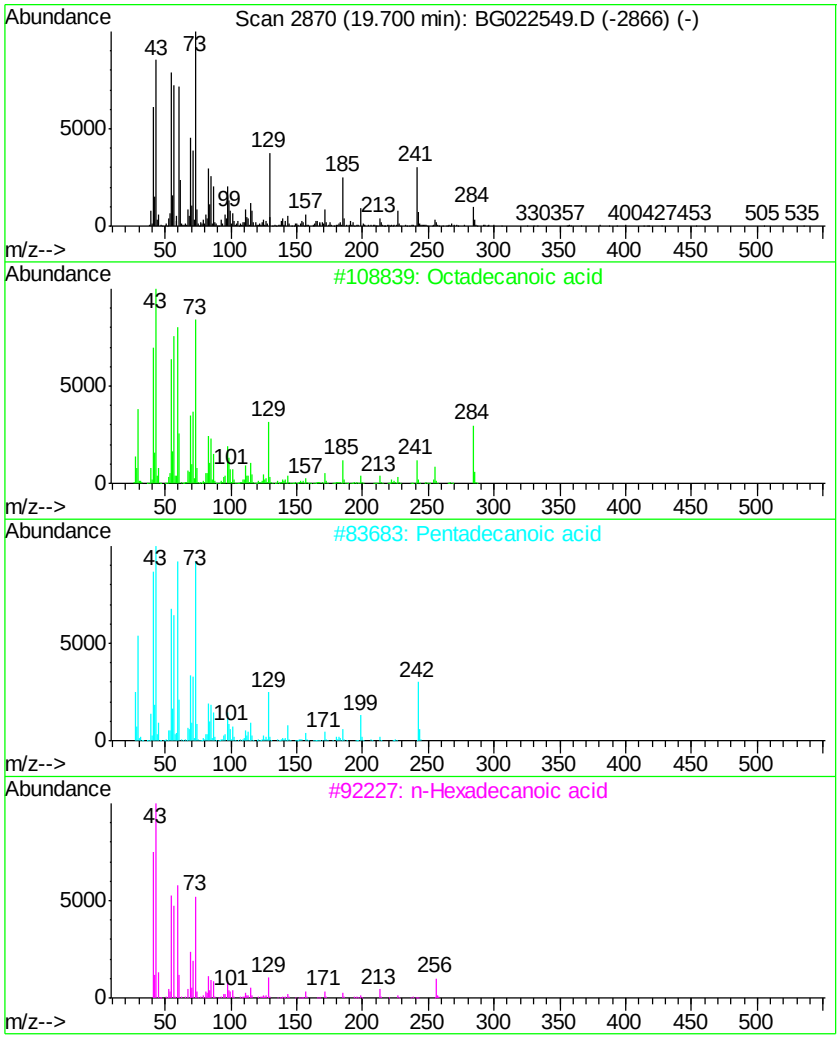
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

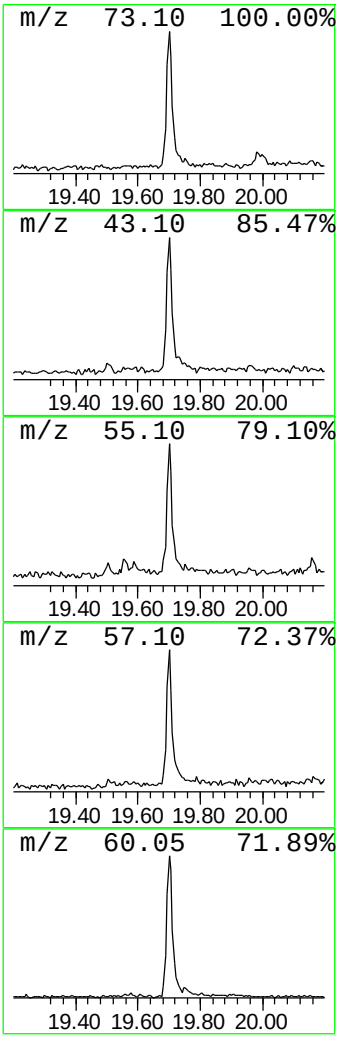
****

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	12.81 ng	1267710	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022549.D
Acq On : 24 Jun 2016 22:07
Operator : UM/SJ
Sample : H3630-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1409-TPGW04-0616

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
unknown4.02	4.02	3.4	ng	117653	1	8.17	687877	20.0
3-Penten-2-one, 4...	4.63	18.6	ng	638167	1	8.17	687877	20.0
n-Hexadecanoic acid	18.44	9.9	ng	977536	4	17.56	1979610	20.0
Octadecanoic acid	19.70	12.8	ng	1267710	4	17.56	1979610	20.0