LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022577.D
Acq On : 25 Jun 2016 16:46
Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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	4.636	298	306	316	rVB	909326	1395444	12.95%	2.363%
2	5.241	402	409	420	rVB	1188958	1820813	16.90%	3.083%
3	5.705	480	488	497	rVB	754883	1214055	11.27%	2.056%
4	6.328	586	594	604	rVB	219033	354386	3.29%	0.600%
5	7.303	753	760	767	rBV	505778	899037	8.34%	1.522%
6	7.485	784	791	799	rBV	184994	341421	3.17%	0.578%
7	7.691	817	826	836	rBV	1391441	2362498	21.92%	4.001%
8	8.167	900	907	912	rBV	594470	1064843	9.88%	1.803%
9	8.214	912	915	923	rVB	215328	320453	2.97%	0.543%
10	8.490	952	962	971	rBV	1810711	3149552	29.23%	5.333%
11	9.336	1097	1106	1115	rBV	1574677	2943393	27.31%	4.984%
12	10.987	1378	1387	1394	rBV	814962	1503432	13.95%	2.546%
13	11.639	1492	1498	1505	rBV3	72240	147474	1.37%	0.250%
14	13.419	1793	1801	1809	rBV	4165108	6827868	63.36%	11.562%
15	14.242	1935	1941	1947	rBV	120236	169746	1.58%	0.287%
16	14.800	2029	2036	2045	rVB2	1367197	2207298	20.48%	3.738%
17	15.582	2165	2169	2173	rBV2	80606	115700	1.07%	0.196%
18	16.287	2279	2289	2299	rBV	3016756	4628597	42.95%	7.838%
19	17.550	2498	2504	2512	rBV2	1927489	3030564	28.12%	5.132%
20	18.431	2648	2654	2663	rBV	1042769	1490997	13.84%	2.525%
21	19.495	2831	2835	2840	rBV2	93482	128765	1.19%	0.218%
22	19.553	2841	2845	2847	rBV2	191575	230805	2.14%	0.391%
23	19.636	2854	2859	2865	rVB	637380	701021	6.50%	1.187%
24	19.700	2865	2870	2884	rBV	1668620	2440522	22.65%	4.133%
25	19.835	2888	2893	2900	rVB	1423687	1687616	15.66%	2.858%
26	20.159	2942	2948	2956	rVB	7893260	10776694	100.00%	18.249%
27	21.851	3229	3236	3243	rBV2	2097063	3528296	32.74%	5.975%
28	25.211	3797	3808	3821	rVB2	1194457	3572832	33.15%	6.050%

Sum of corrected areas: 59054122

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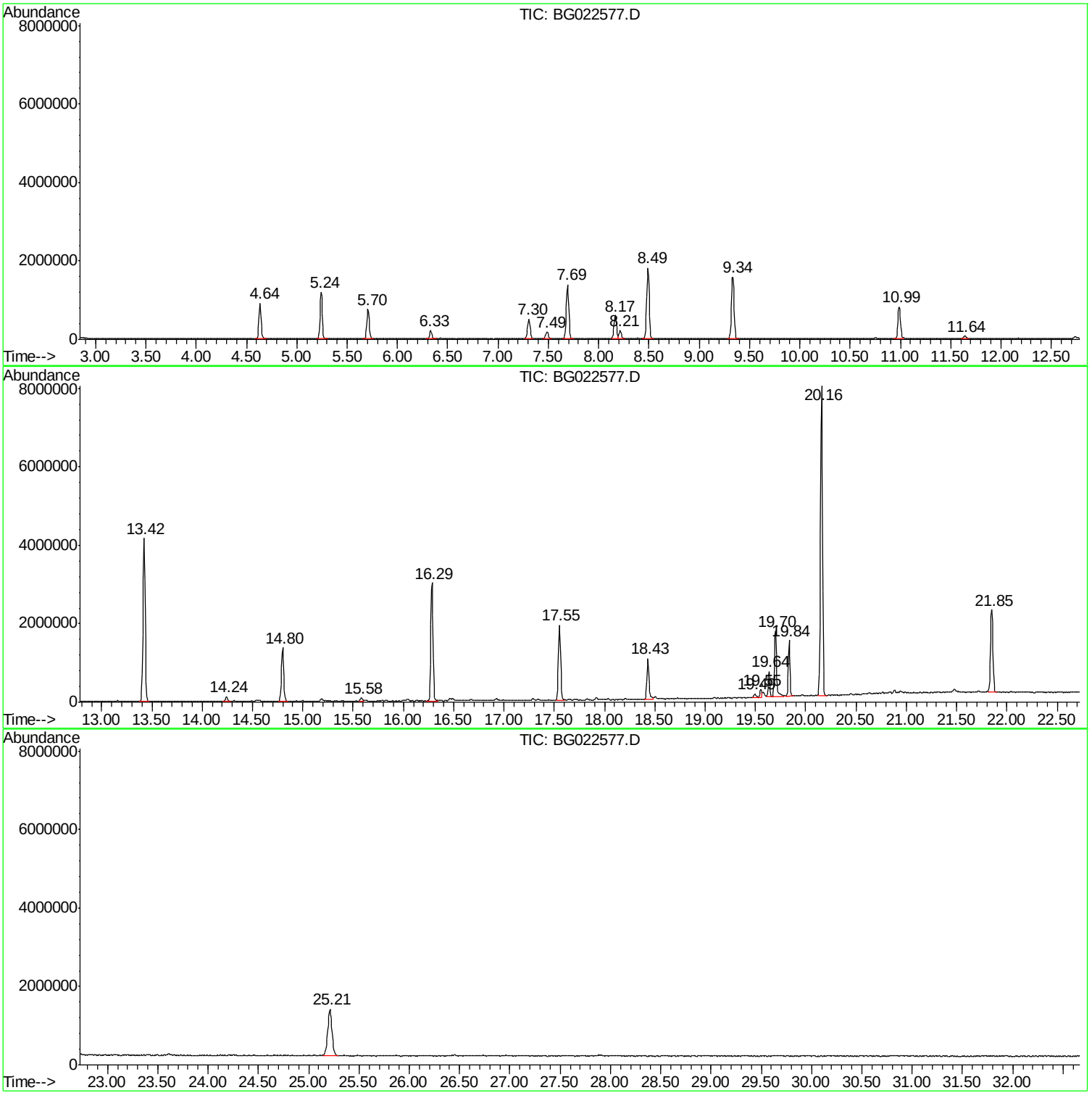
Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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



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Operator : UM/SJ
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Instrument : BNA_G
ClientSampleId : TEC-MW2

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

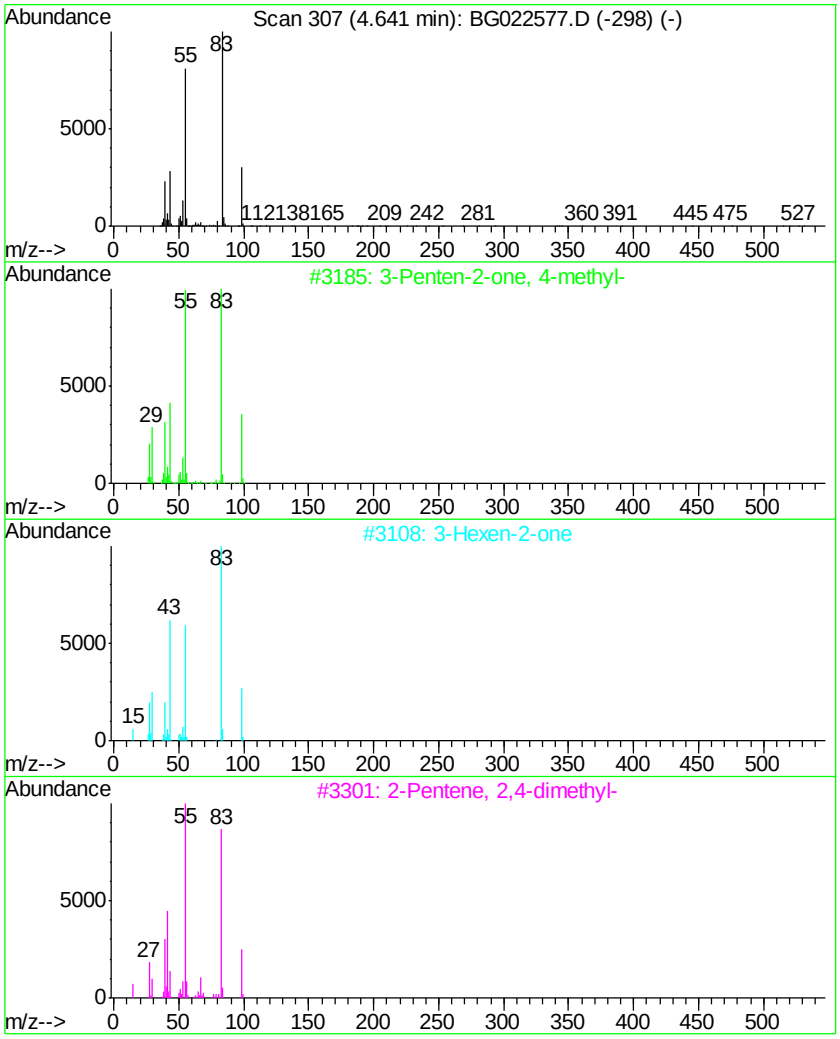
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

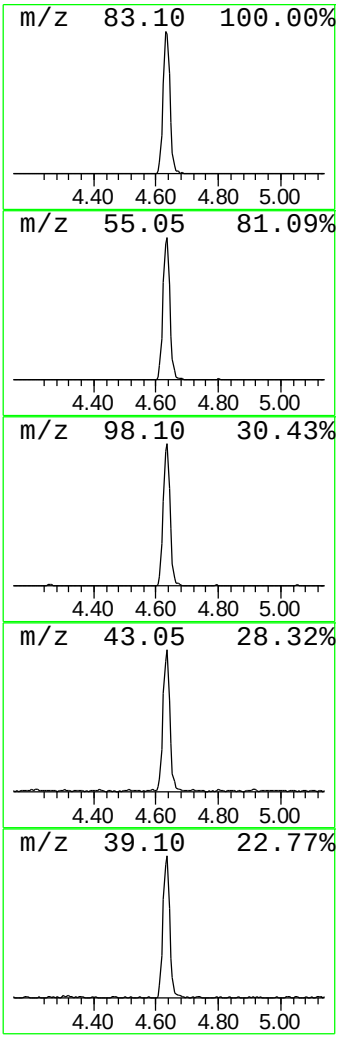
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	26.21 ng	1395440	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





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Data File : BG022577.D
Acq On : 25 Jun 2016 16:46
Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

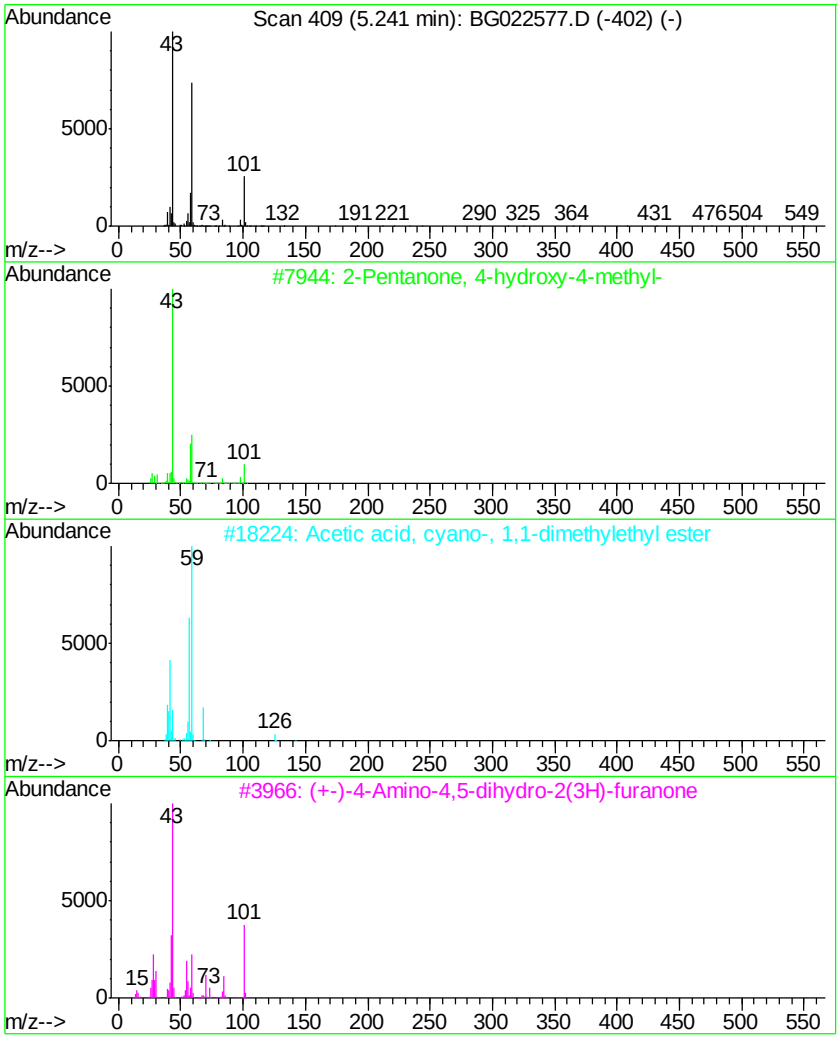
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

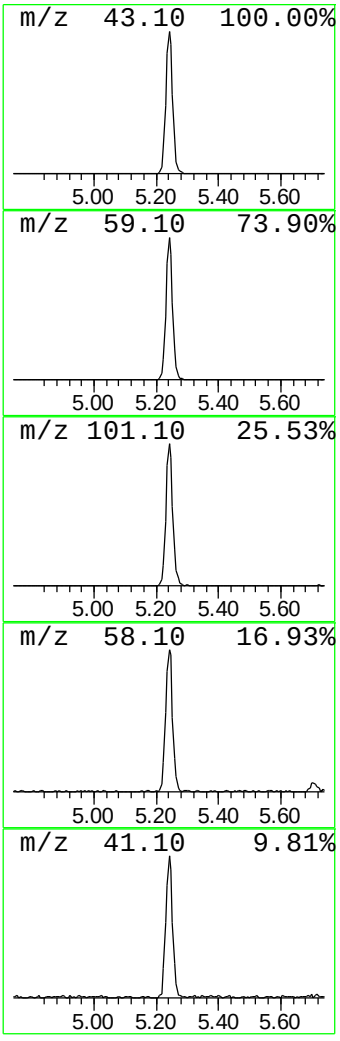
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	34.20 ng	1820810	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	16
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
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Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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
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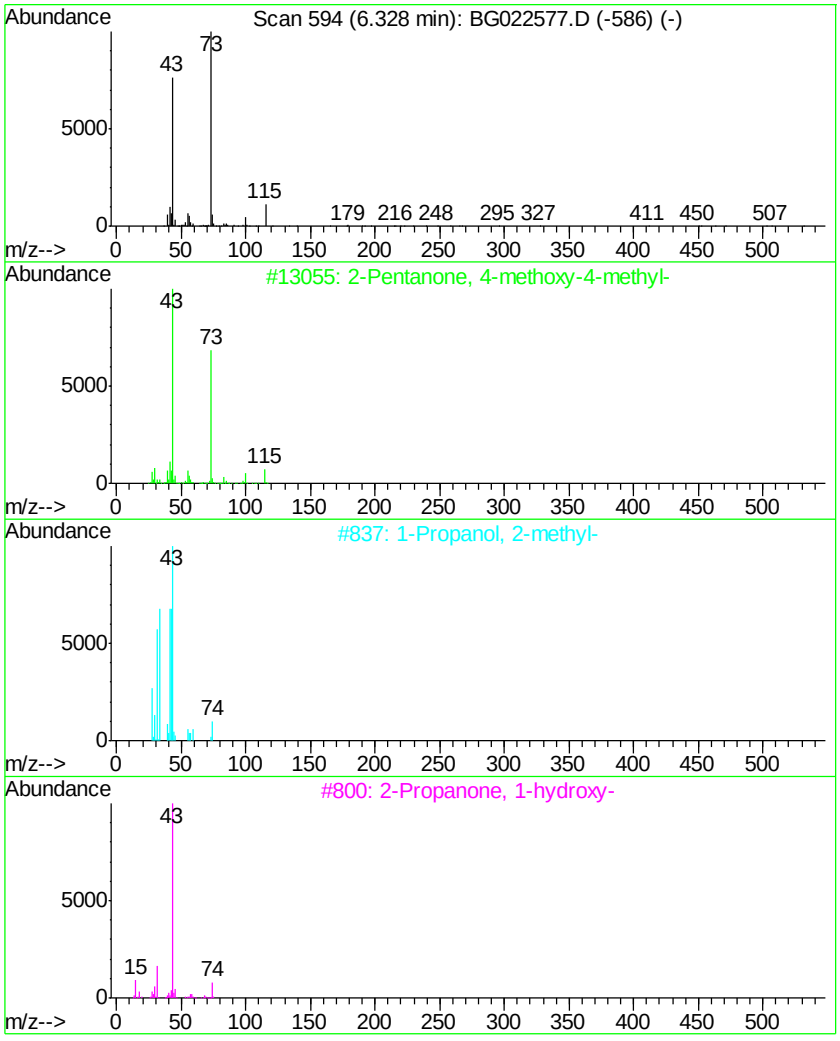
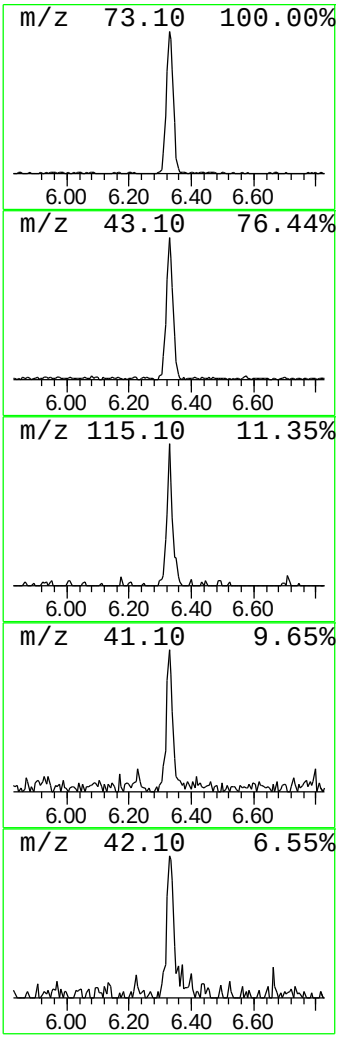
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	6.66 ng	354386	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	53
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	9
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
5	Diacetyl(methoxyimino)methane	143	C6H9NO3	069740-33-6	9





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Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

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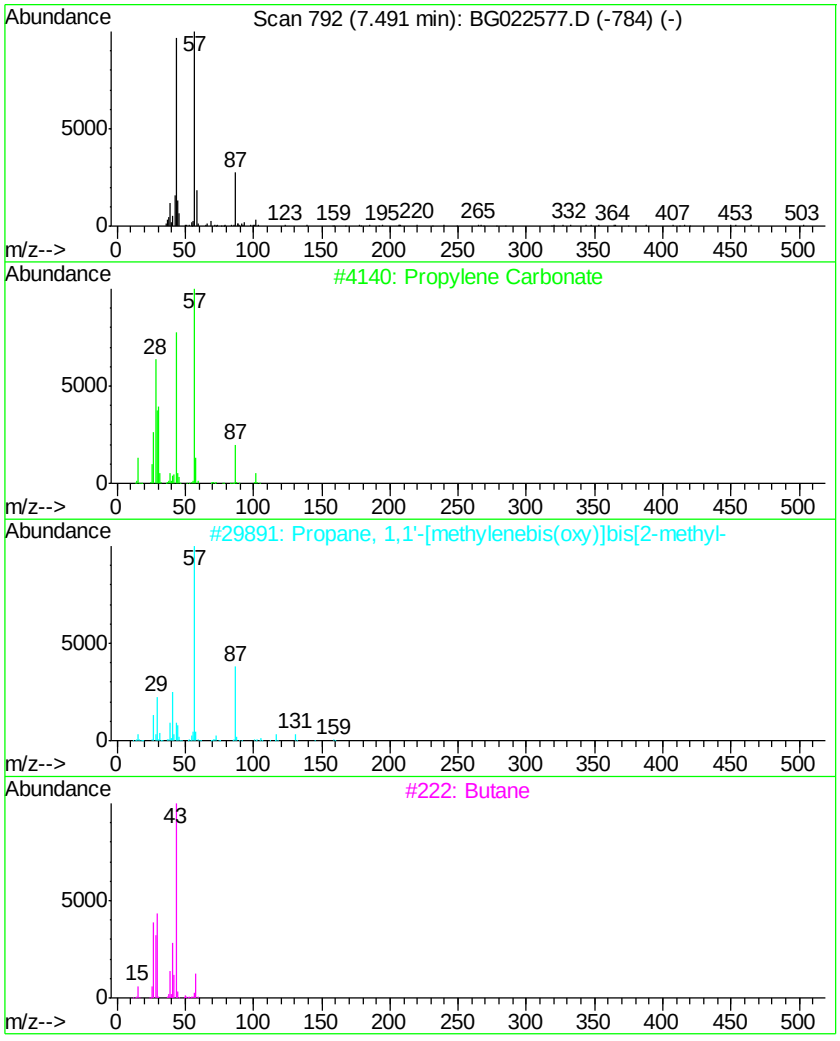
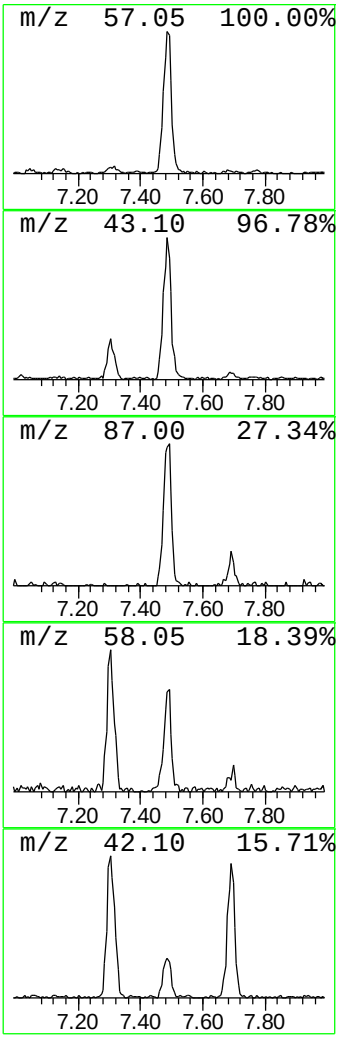
Peak Number 4 unknown7.49 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	6.41 ng	341421	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Carbonate	102	C4H6O3	000108-32-7	39
2	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	17
3	Butane	58	C4H10	000106-97-8	9
4	Diazene, 2-methoxy-1-propyl-, 1-...	118	C4H10N2O2	110655-50-0	9
5	N-(2-Thioethyl) N'-methyl urea	134	C4H10N2OS	072545-68-7	9





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Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

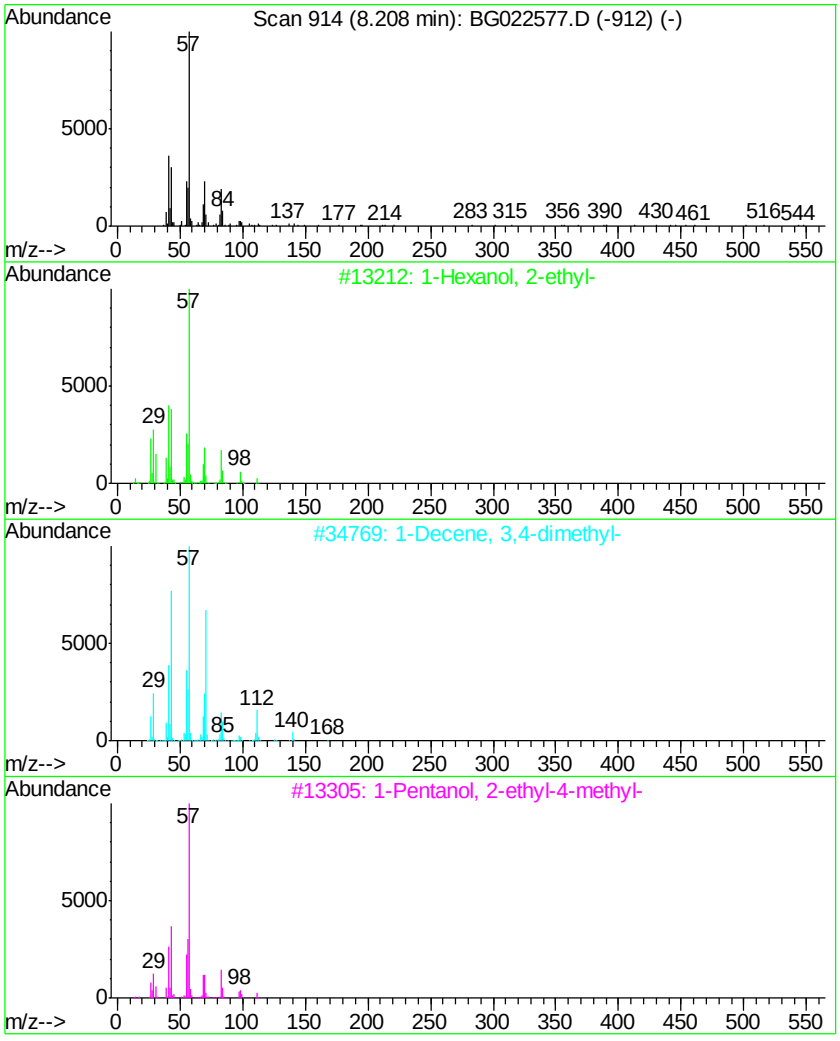
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

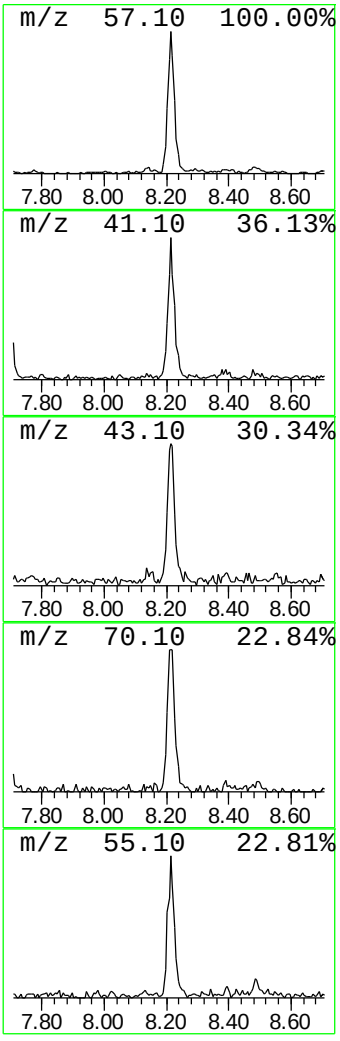
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	6.02 ng	320453	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	42
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	40
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	40





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Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

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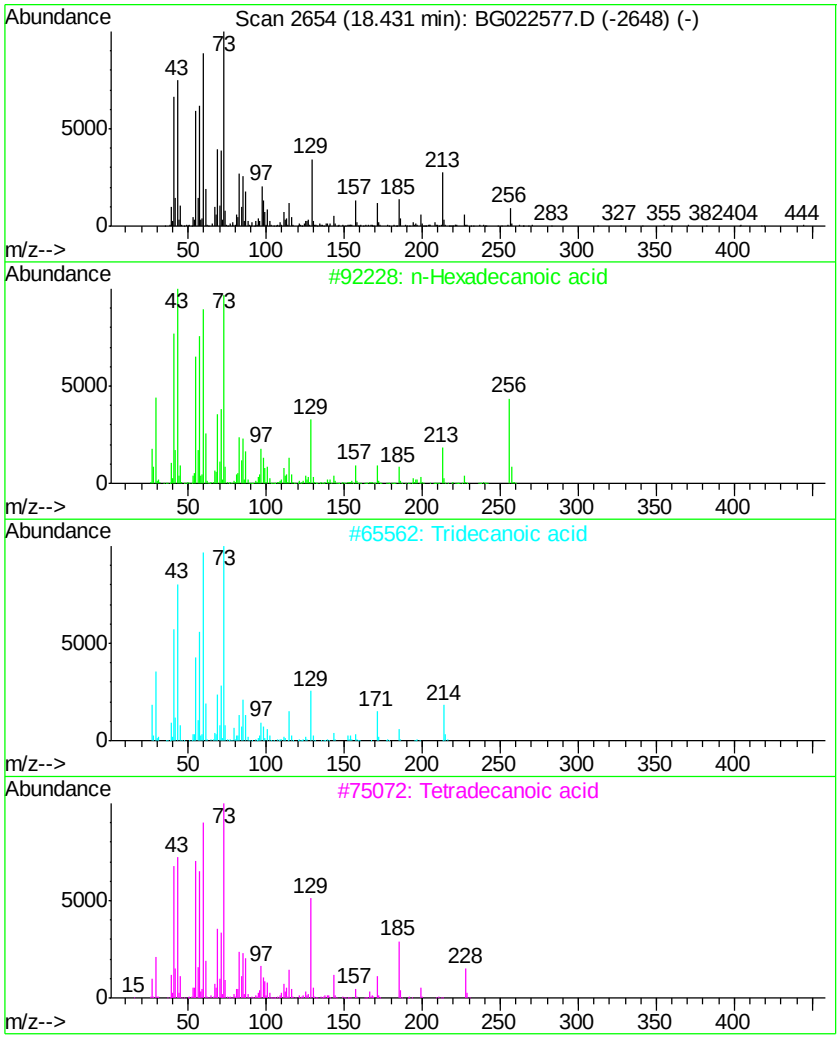
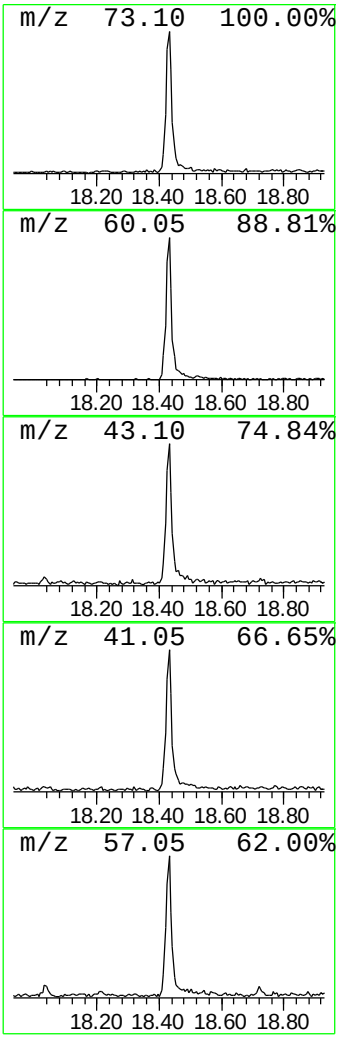
Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	9.84 ng	1491000	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Sample : H3704-01
Misc :
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Instrument : BNA_G
ClientSampleId : TEC-MW2

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

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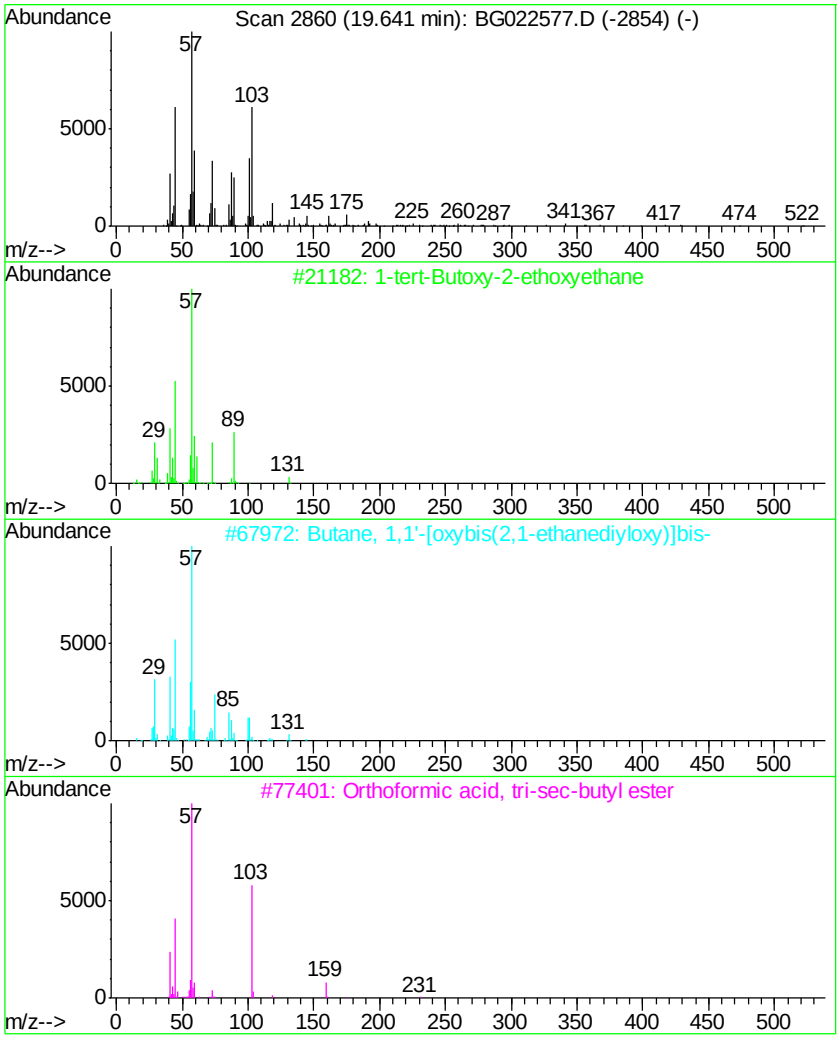
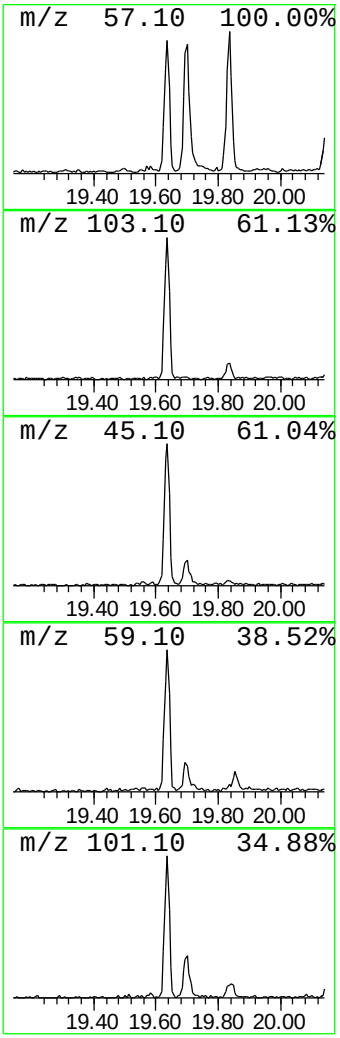
Peak Number 9 unknown19.64 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	4.63 ng	701021	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	46
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	38
3	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	35
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	35
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	25





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Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

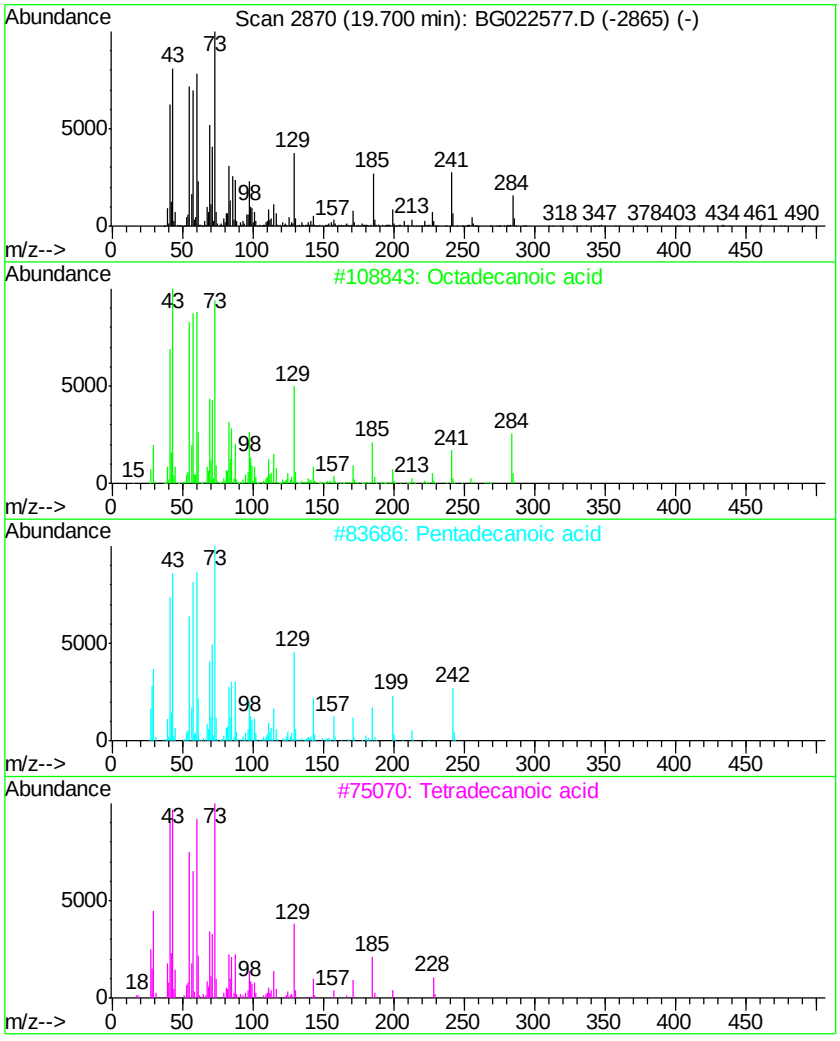
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

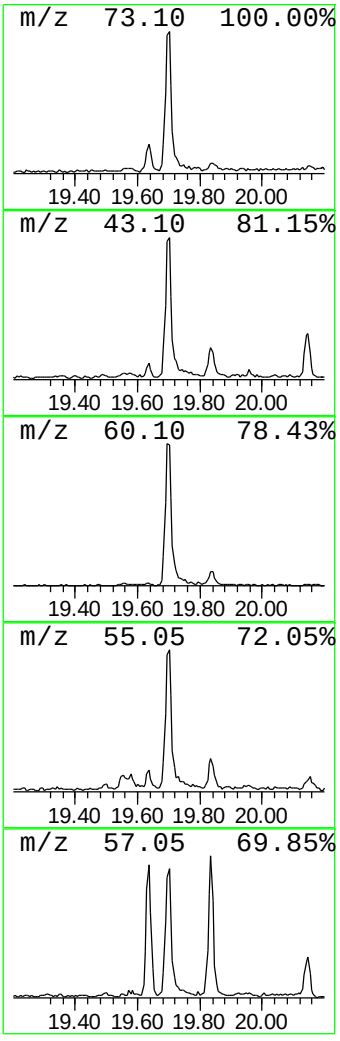
****

Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	16.11 ng	2440520	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86





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Operator : UM/SJ
Sample : H3704-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW2

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

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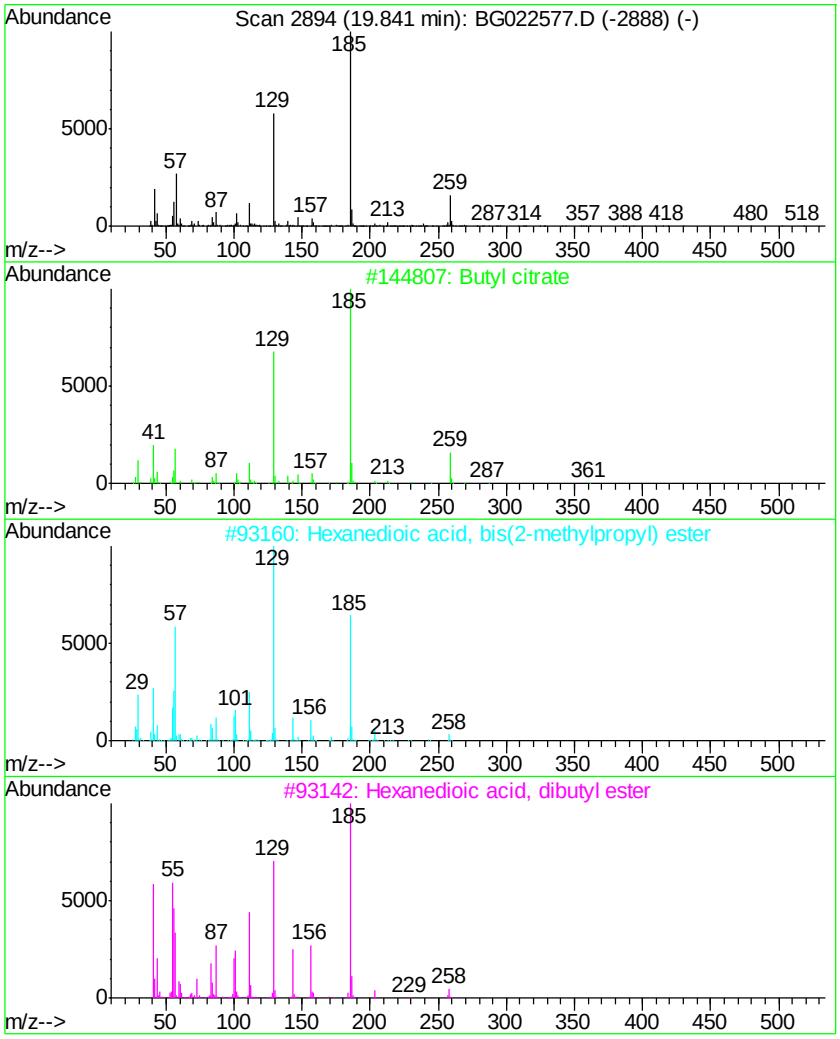
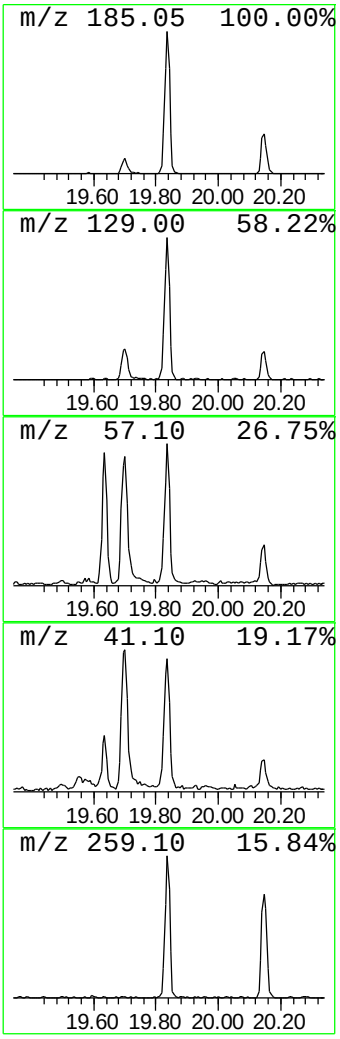
Peak Number 11 Butyl citrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	9.57 ng	1687620	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72
3	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	39
4	3-Hydroxydiphenylamine	185	C12H11NO	000101-18-8	37
5	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
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Acq On : 25 Jun 2016 16:46
Operator : UM/SJ
Sample : H3704-01
Misc :
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Instrument : BNA_G
ClientSampleId : TEC-MW2

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
3-Penten-2-one, 4...	4.64	26.2	ng	1395440	1	8.16	1064840	20.0
2-Pentanone, 4-hy...	5.24	34.2	ng	1820810	1	8.16	1064840	20.0
2-Pentanone, 4-me...	6.33	6.7	ng	354386	1	8.16	1064840	20.0
unknown7.49	7.49	6.4	ng	341421	1	8.16	1064840	20.0
1-Hexanol, 2-ethyl-	8.21	6.0	ng	320453	1	8.16	1064840	20.0
n-Hexadecanoic acid	18.43	9.8	ng	1491000	4	17.55	3030560	20.0
unknown19.64	19.64	4.6	ng	701021	4	17.55	3030560	20.0
Octadecanoic acid	19.70	16.1	ng	2440520	4	17.55	3030560	20.0
Butyl citrate	19.84	9.6	ng	1687620	5	21.85	3528300	20.0