

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
 Data File : BG026016.D
 Acq On : 1 Mar 2017 8:42
 Operator : SJ/MA
 Sample : I2012-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-10

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-BG021717.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	3.963	101	106	115	rVB	230048	307161	2.20%	0.733%
2	4.580	203	211	228	rBV	8702590	13933839	100.00%	33.267%
3	5.179	303	313	322	rBV	3604704	5715802	41.02%	13.646%
4	8.070	796	805	811	rBV	325410	564556	4.05%	1.348%
5	8.393	853	860	872	rBV	831290	1429852	10.26%	3.414%
6	8.704	907	913	921	rBV	152595	257572	1.85%	0.615%
7	9.221	992	1001	1010	rBV	659192	1171249	8.41%	2.796%
8	10.872	1272	1282	1289	rBV	502541	943152	6.77%	2.252%
9	12.276	1515	1521	1527	rBV	94940	145792	1.05%	0.348%
10	13.305	1688	1696	1702	rBV	2101247	3249178	23.32%	7.757%
11	13.504	1720	1730	1738	rBV	125485	190645	1.37%	0.455%
12	14.121	1829	1835	1839	rBV	222635	345630	2.48%	0.825%
13	14.568	1906	1911	1919	rBV	108026	143118	1.03%	0.342%
14	14.674	1921	1929	1938	rVV2	884474	1422309	10.21%	3.396%
15	17.406	2387	2394	2400	rBV2	1263873	1946360	13.97%	4.647%
16	18.358	2551	2556	2560	rVB	169721	196880	1.41%	0.470%
17	20.003	2830	2836	2843	rBV	4080834	5284507	37.93%	12.617%
18	21.295	3052	3056	3066	rBV2	141764	257578	1.85%	0.615%
19	21.654	3110	3117	3128	rVB	1326795	2194568	15.75%	5.239%
20	24.856	3651	3662	3679	rBV2	746384	2185654	15.69%	5.218%

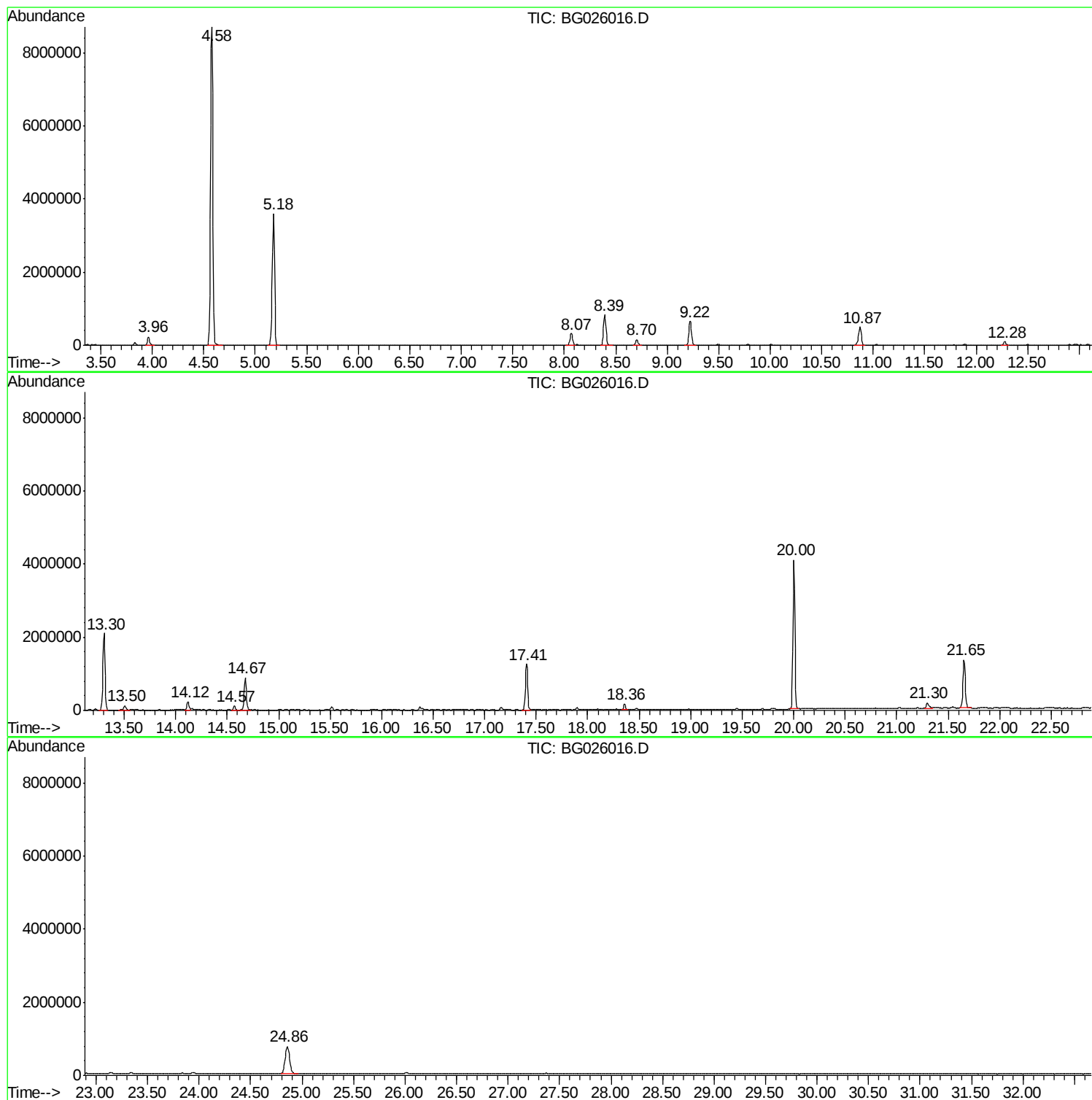
Sum of corrected areas: 41885402

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

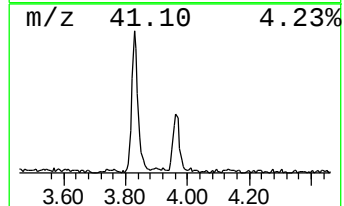
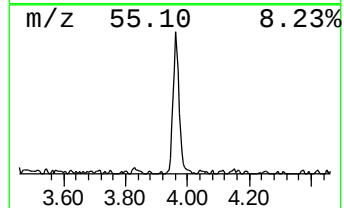
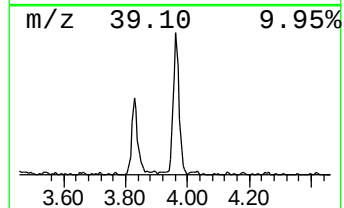
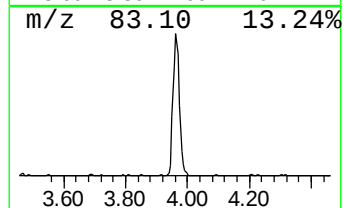
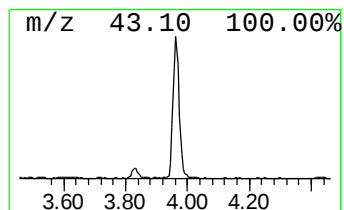
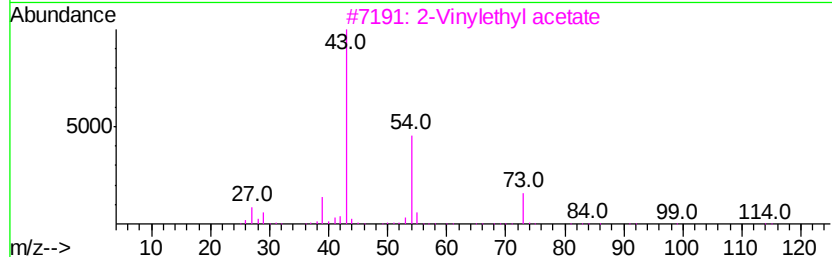
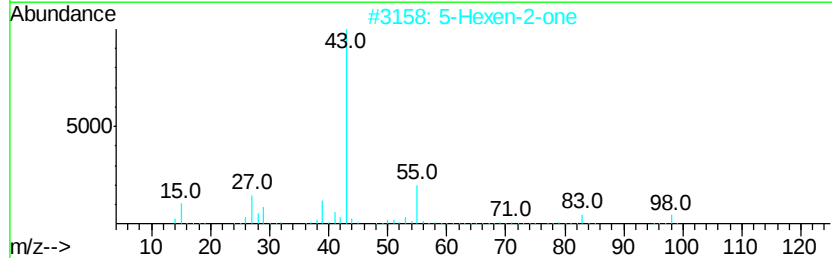
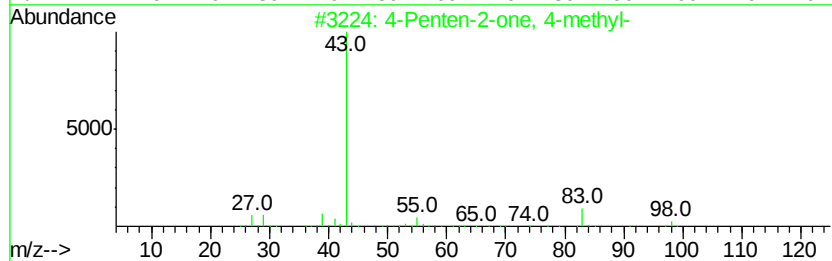
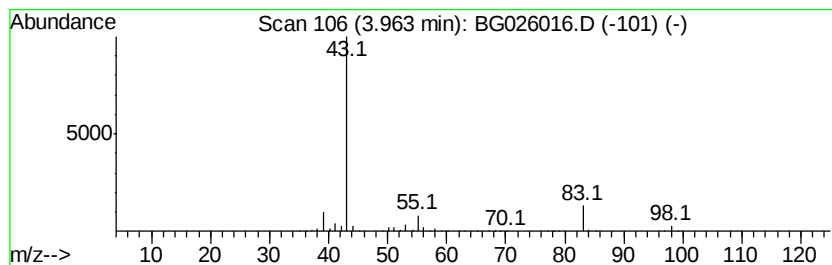
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	10.88 ng	307161	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	90
2		5-Hexen-2-one	98	C6H10O	000109-49-9	27
3		2-Vinylethyl acetate	114	C6H10O2	001576-84-7	23
4		4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	12
5		Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

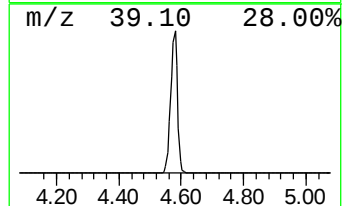
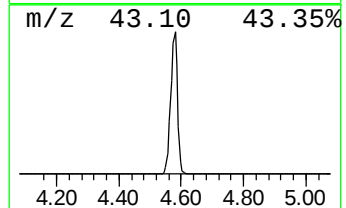
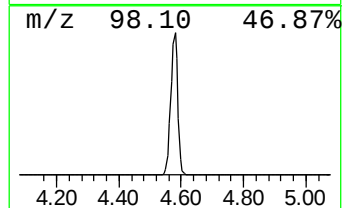
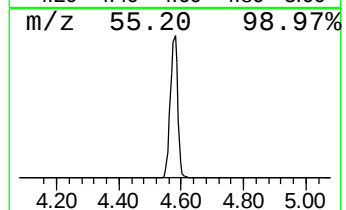
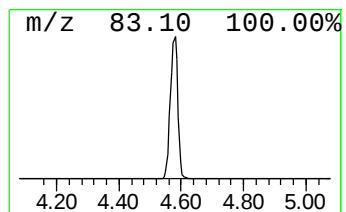
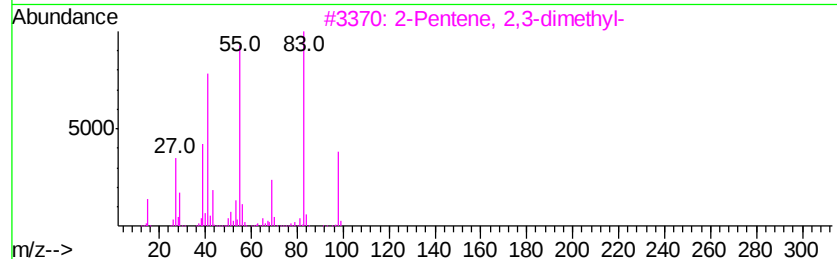
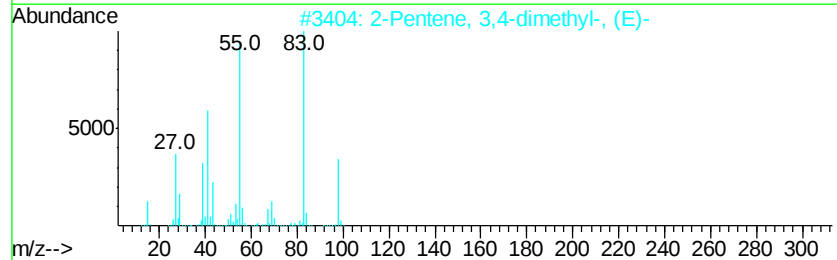
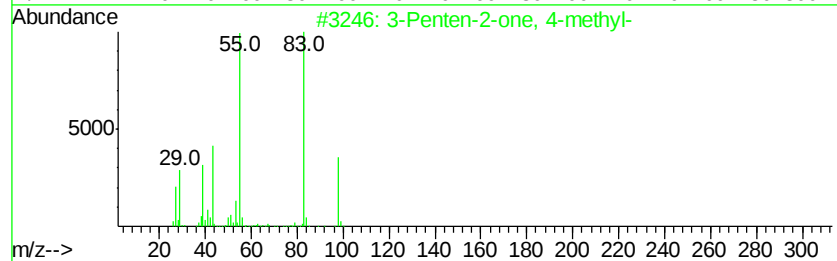
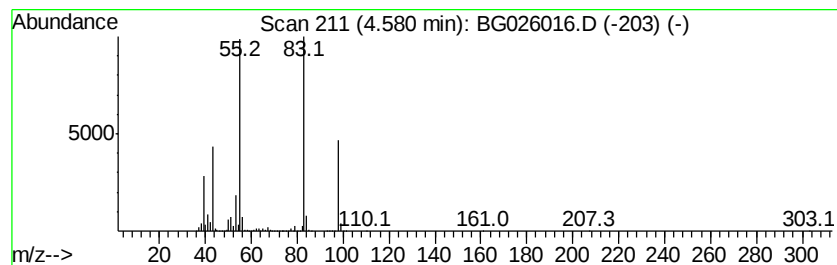
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	493.62 ng	13933800	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	83
5			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

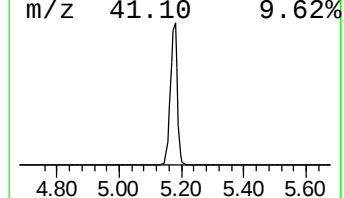
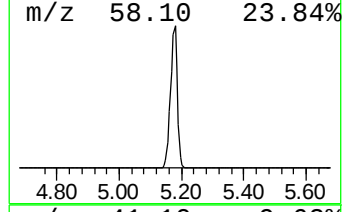
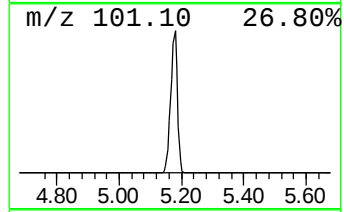
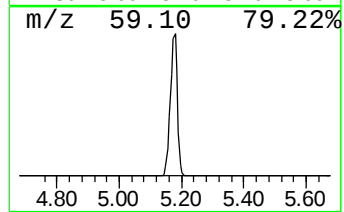
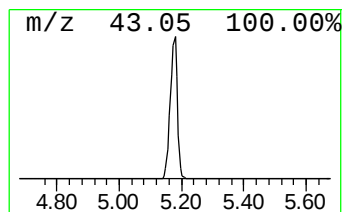
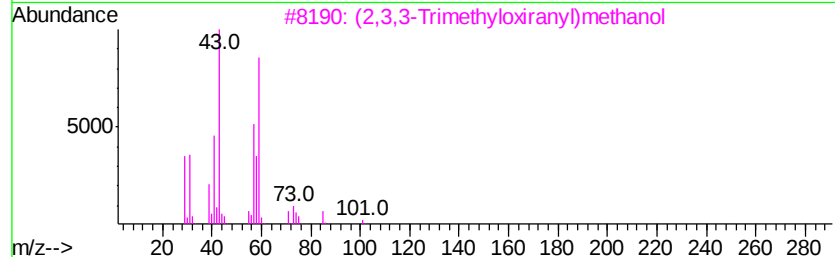
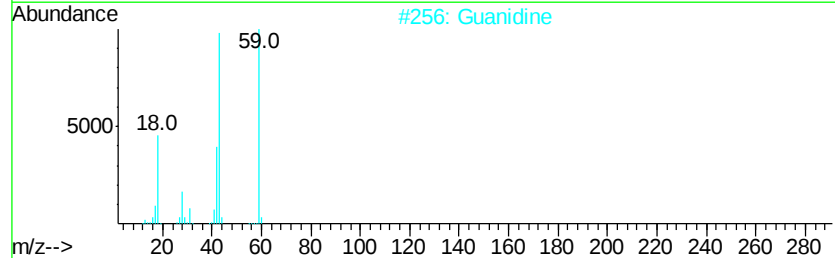
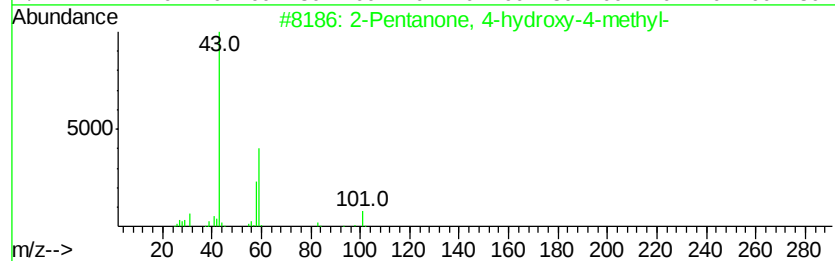
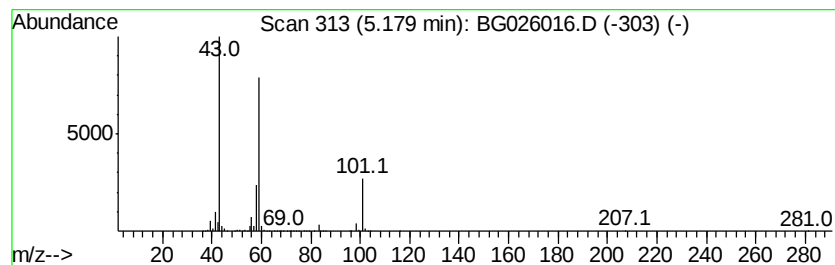
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	202.49 ng	5715800	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Guanidine	59	CH5N3	000113-00-8	47
3		(2,3,3-Trimethyloxiran-yl)methanol	116	C6H12O2	1000306-64-7	39
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

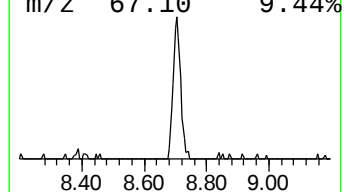
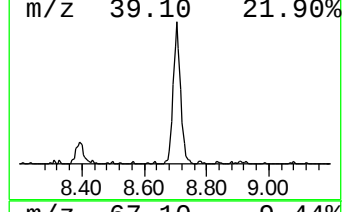
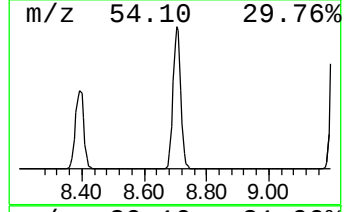
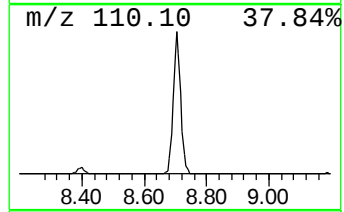
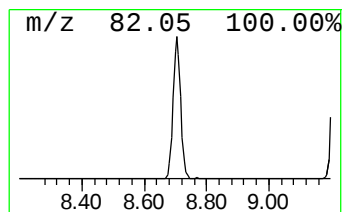
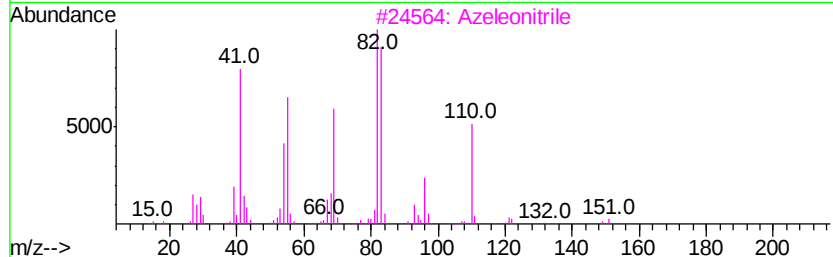
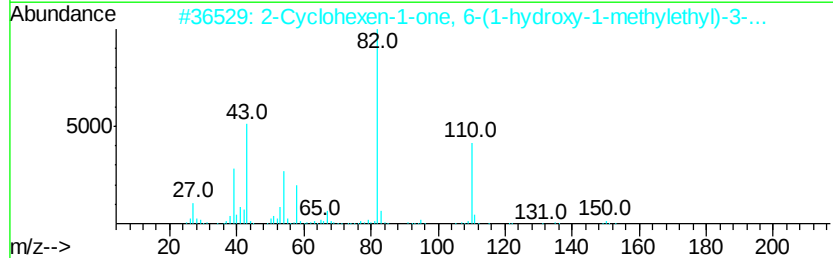
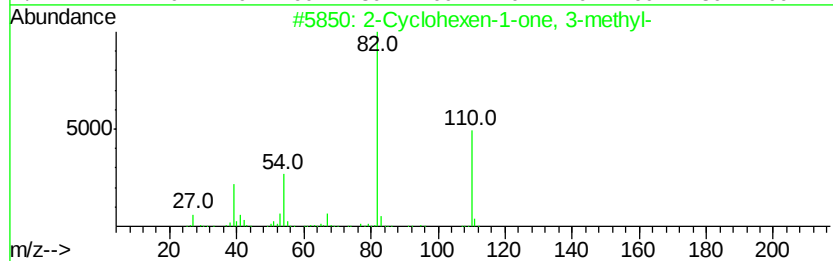
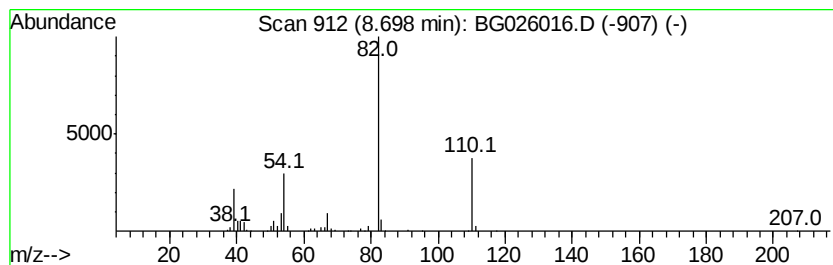
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	9.12 ng	257572	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2		2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	74
3		Azeleoneitrile	150	C9H14N2	001675-69-0	56
4		2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
5		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

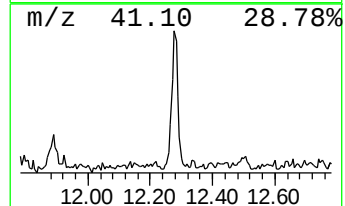
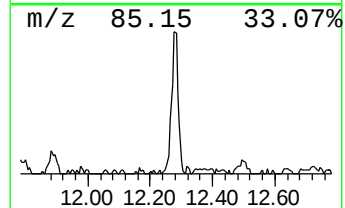
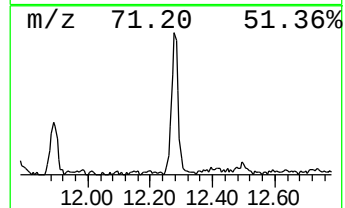
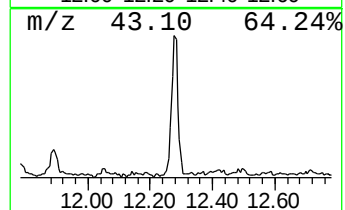
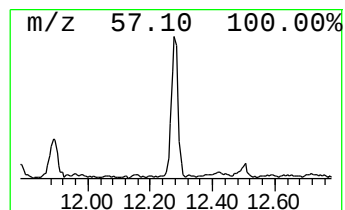
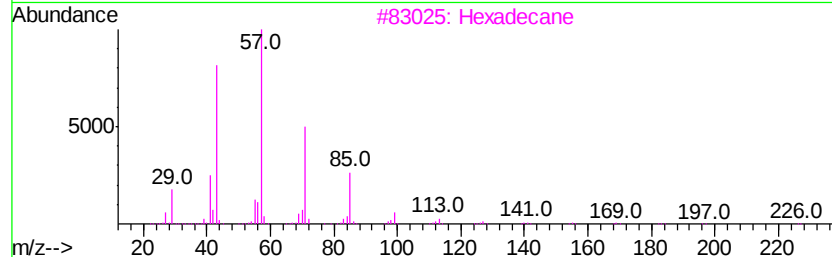
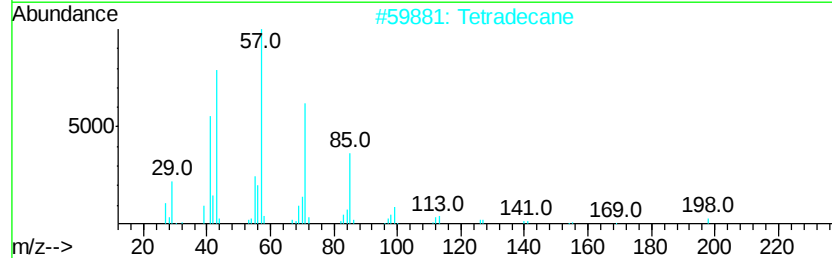
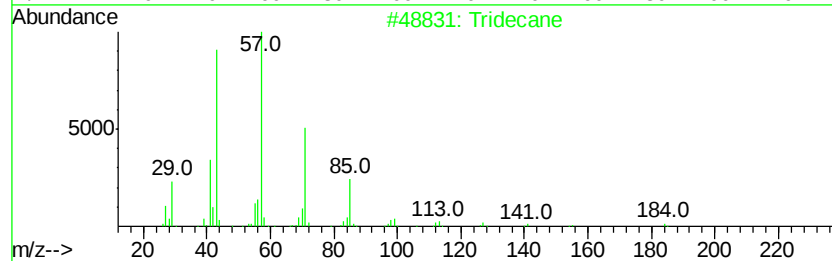
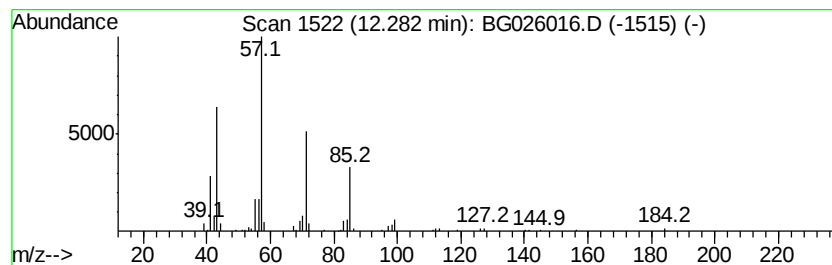
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	3.09 ng	145792	Naphthalene-d8	10.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Tetradecane		198	C14H30	000629-59-4	80
3	Hexadecane		226	C16H34	000544-76-3	80
4	Dodecane		170	C12H26	000112-40-3	78
5	Nonadecane		268	C19H40	000629-92-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

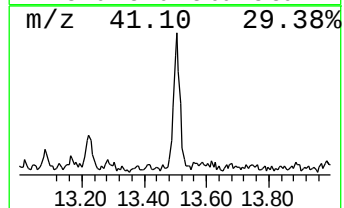
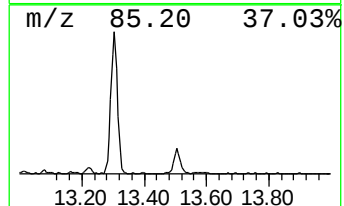
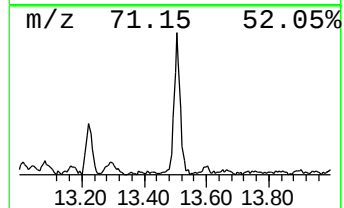
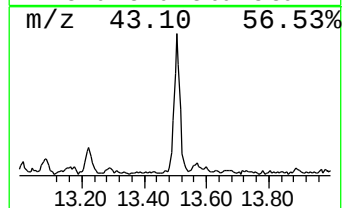
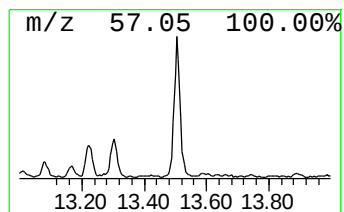
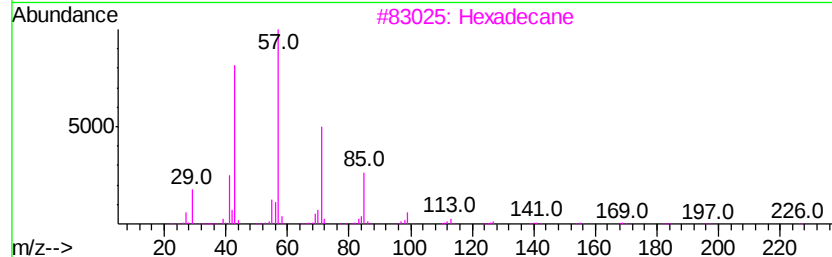
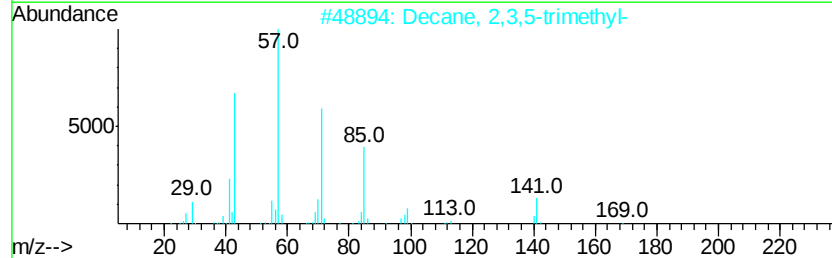
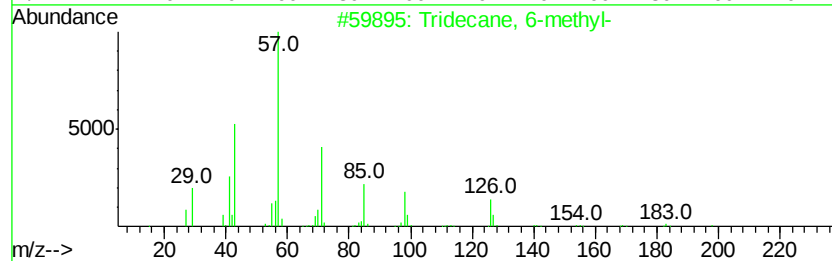
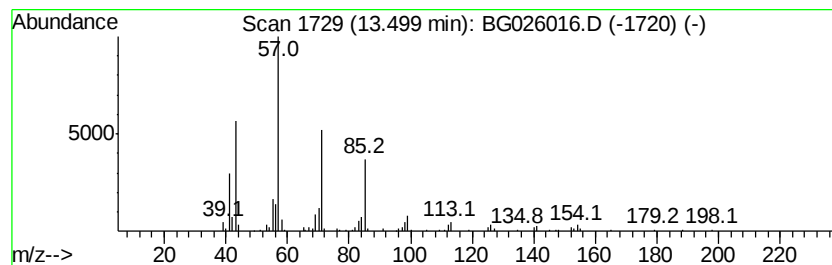
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.68 ng	190645	Acenaphthene-d10	14.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	80
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

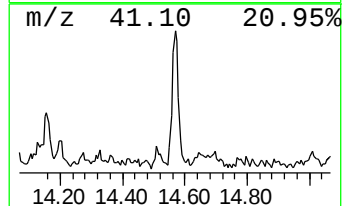
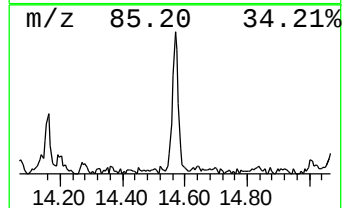
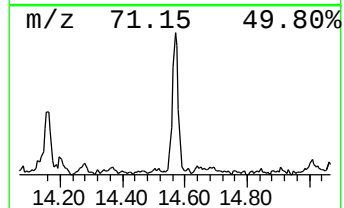
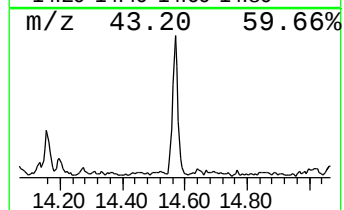
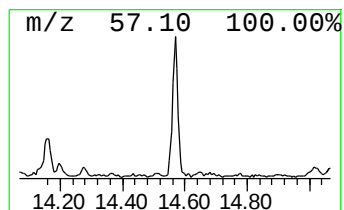
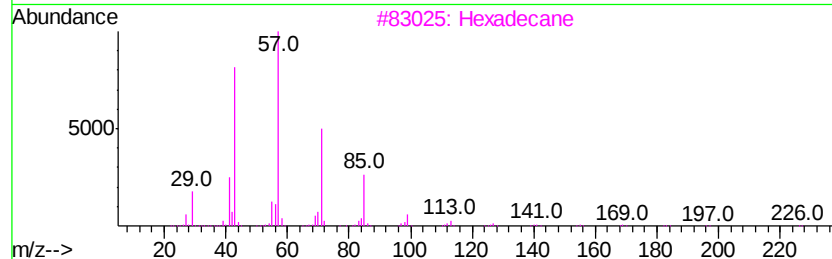
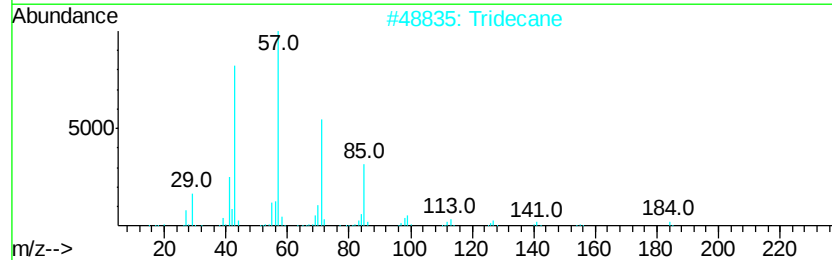
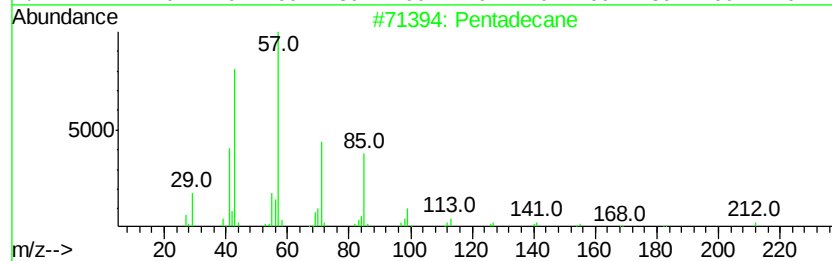
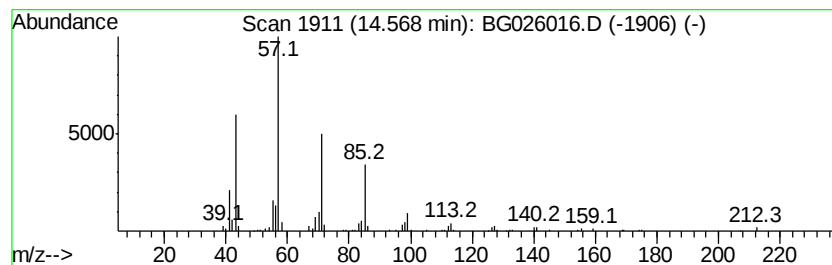
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.01 ng	143118	Acenaphthene-d10	14.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Tridecane		184	C13H28	000629-50-5	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Dodecane		170	C12H26	000112-40-3	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

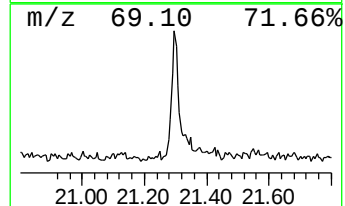
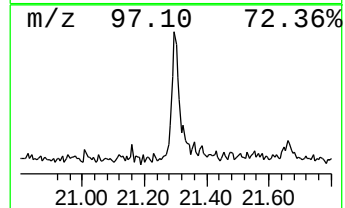
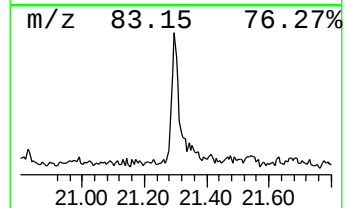
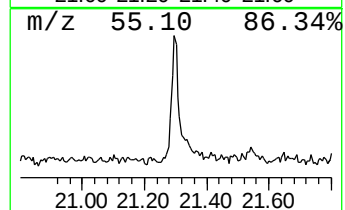
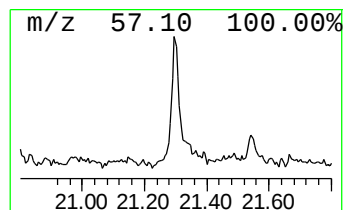
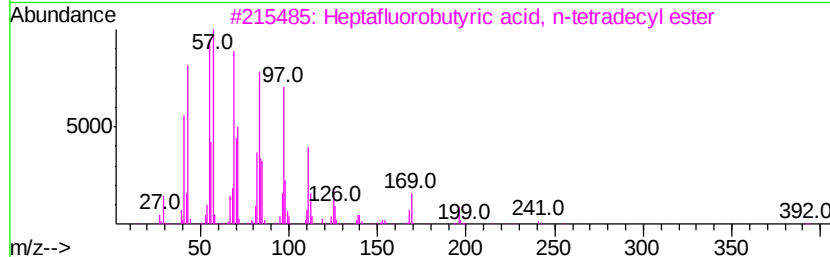
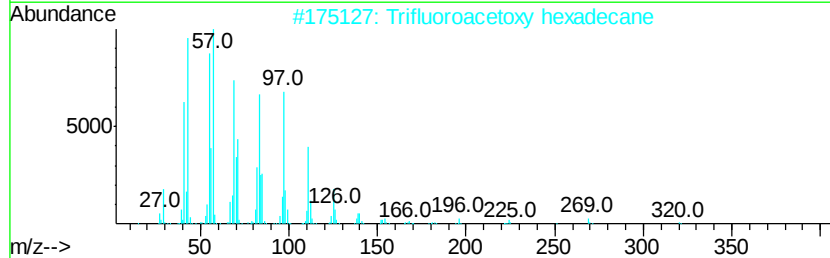
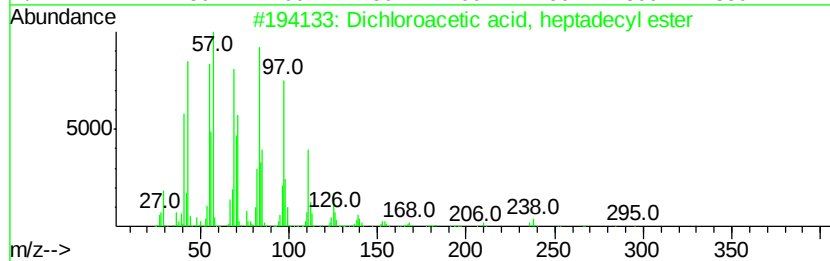
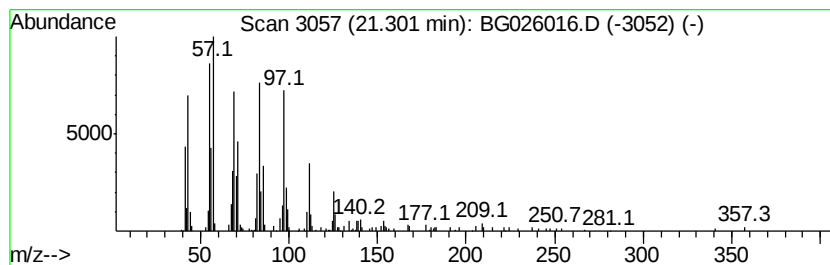
Instrument :
BNA_G
ClientSampleId :
P-10

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.30	2.35 ng	257578	Chrysene-d12	21.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	94
3		Heptafluorobutvric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4		Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	91
5		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026016.D
Acq On : 1 Mar 2017 8:42
Operator : SJ/MA
Sample : I2012-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Penten-2-one, 4...	3.96	10.9	ng	307161	1	8.07	564556	20.0
3-Penten-2-one, 4...	4.58	493.6	ng	13933800	1	8.07	564556	20.0
2-Pentanone, 4-hy...	5.18	202.5	ng	5715800	1	8.07	564556	20.0
2-Cyclohexen-1-on...	8.70	9.1	ng	257572	1	8.07	564556	20.0
Tridecane	12.28	3.1	ng	145792	2	10.87	943152	20.0
Tridecane, 6-methyl-	13.50	2.7	ng	190645	3	14.67	1422310	20.0
Pentadecane	14.57	2.0	ng	143118	3	14.67	1422310	20.0
Dichloroacetic ac...	21.30	2.4	ng	257578	5	21.65	2194570	20.0