

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

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_F\METHODS\8270-BF040115.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	1.404	18	19	25	rBV	357260	637736	16.97%	6.771%
2	1.495	25	27	65	rVB	1791854	3758344	100.00%	39.904%
3	3.290	182	184	194	rVB	75163	97756	2.60%	1.038%
4	3.804	226	229	239	rBV	442217	560368	14.91%	5.950%
5	5.290	356	359	368	rBV	473028	563027	14.98%	5.978%
6	5.427	368	371	374	rVV	448448	597468	15.90%	6.344%
7	6.022	420	423	426	rBV	389468	456737	12.15%	4.849%
8	6.730	482	485	487	rBV	250197	352112	9.37%	3.739%
9	9.965	765	768	771	rBV	558546	754705	20.08%	8.013%
10	12.605	996	999	1002	rBV	352915	478537	12.73%	5.081%
11	16.400	1328	1331	1334	rBV	873889	1029952	27.40%	10.935%
12	17.143	1394	1396	1401	rVB	47077	54124	1.44%	0.575%
13	17.703	1442	1445	1449	rBV2	52486	77656	2.07%	0.825%

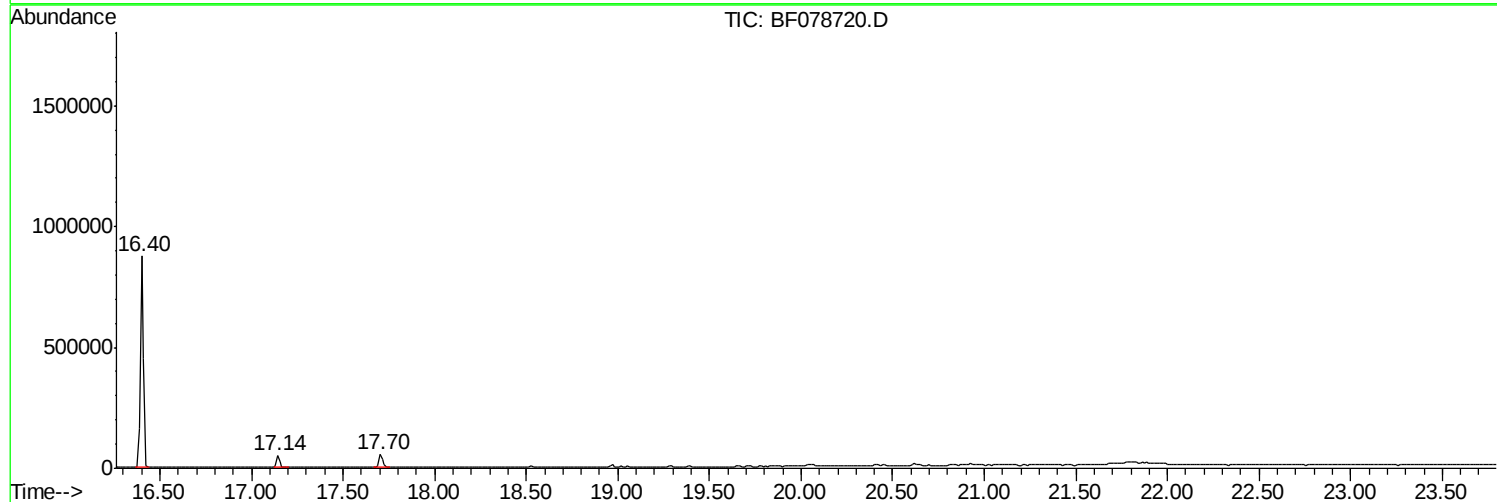
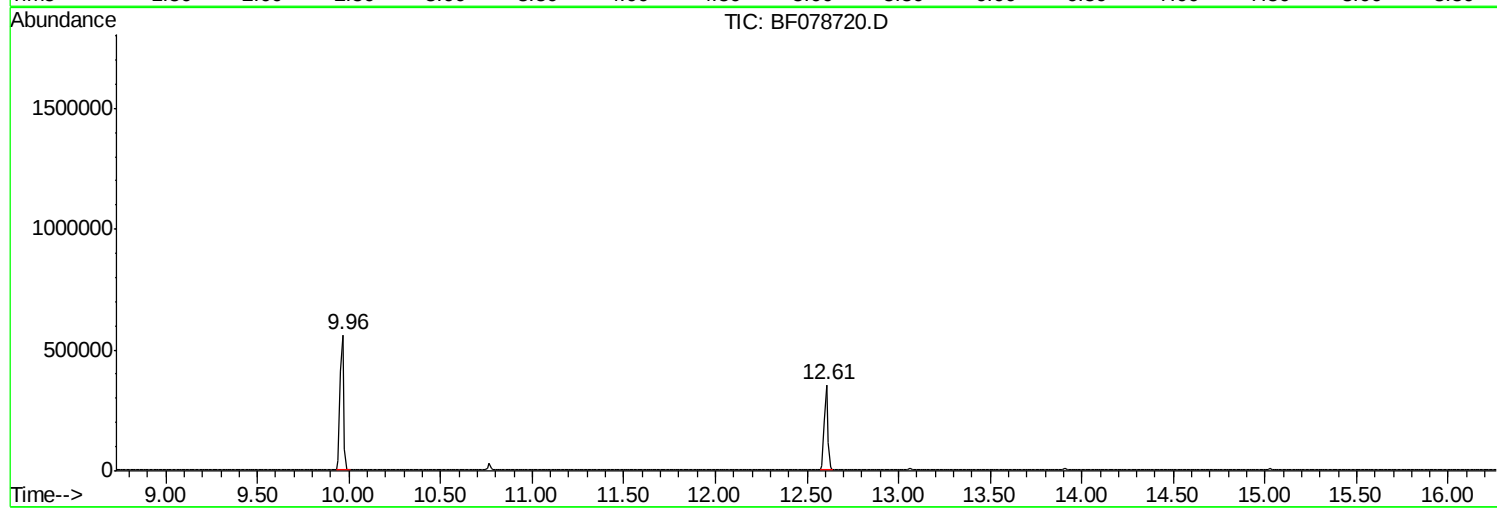
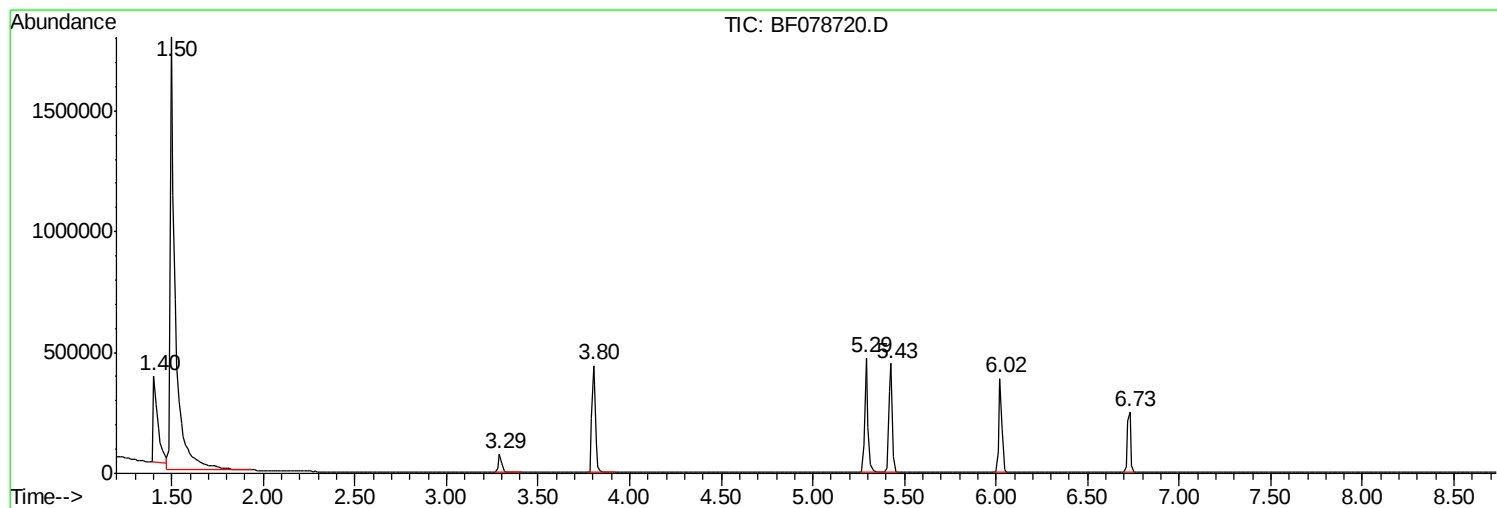
Sum of corrected areas: 9418522

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.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_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

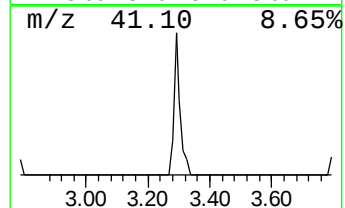
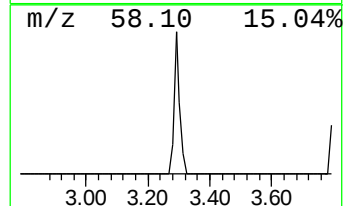
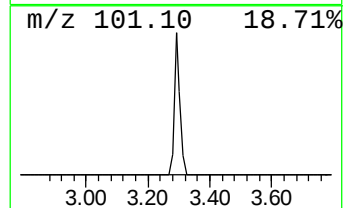
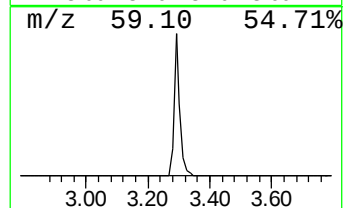
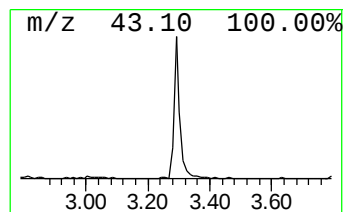
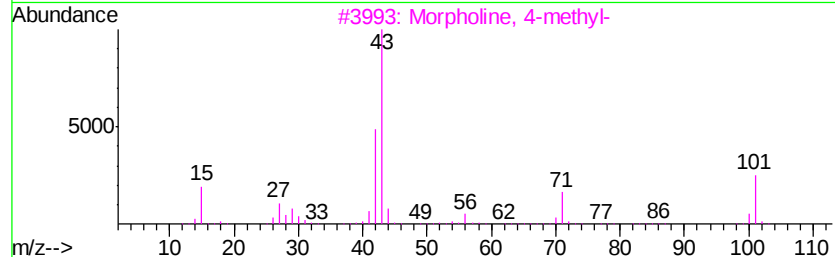
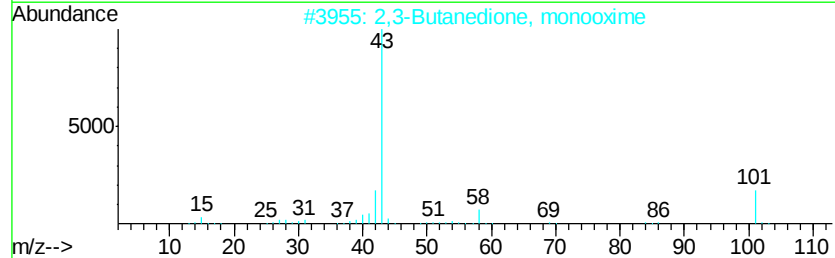
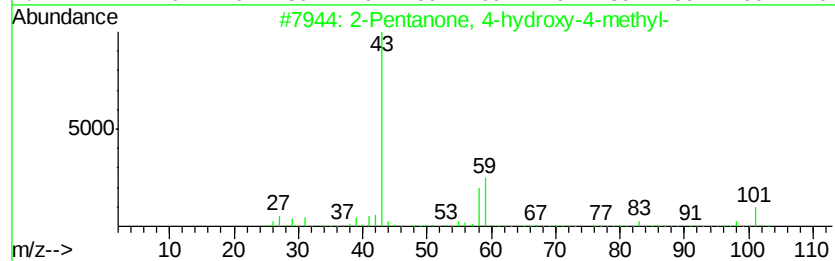
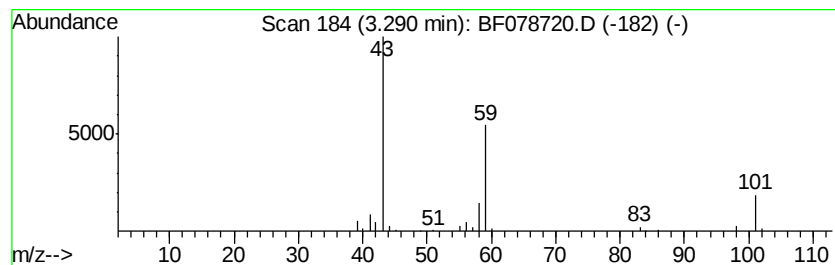
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	25.18 ng	97756	Perylene-d12	19.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	16
3	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO		005780-40-5	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2		000115-22-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

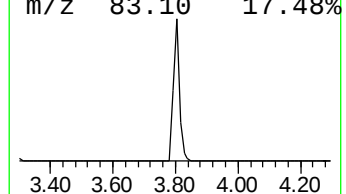
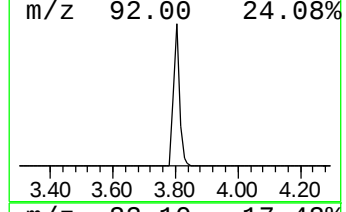
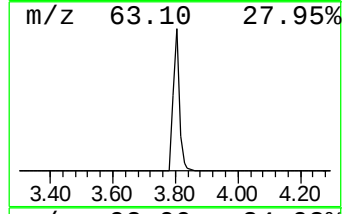
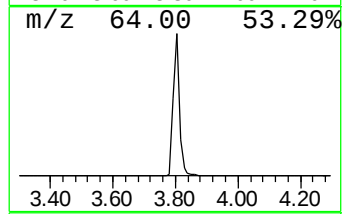
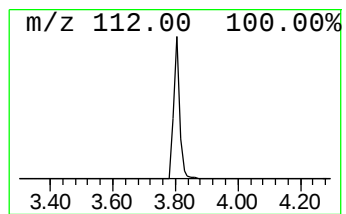
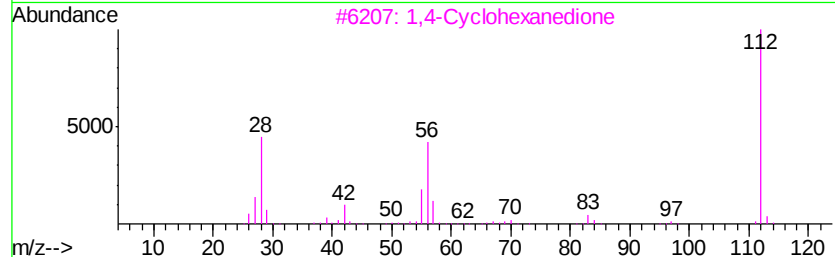
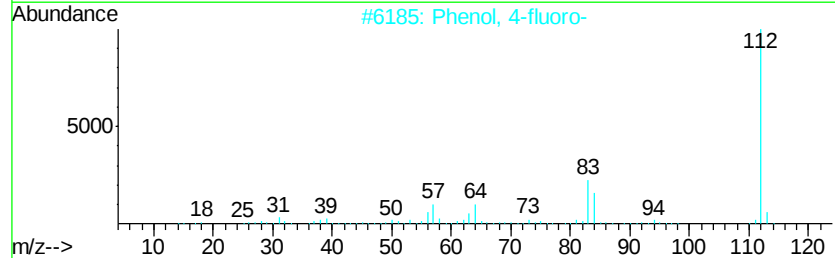
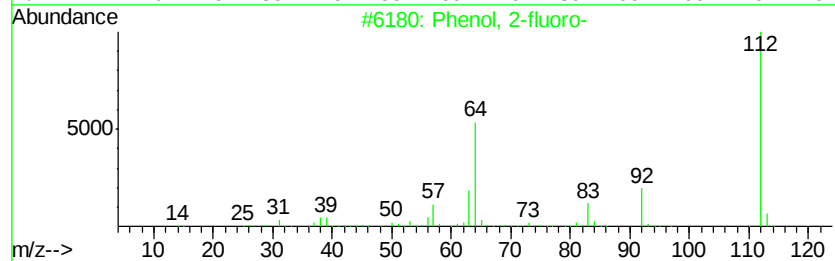
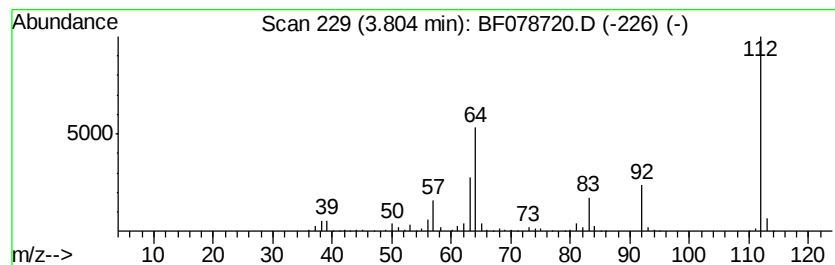
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenol, 2-fluoro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	144.32 ng	560368	Perylene-d12	19.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-fluoro-		112	C6H5FO	000367-12-4	95
2	Phenol, 4-fluoro-		112	C6H5FO	000371-41-5	22
3	1,4-Cyclohexanedione		112	C6H8O2	000637-88-7	10
4	5-Azacytosine		112	C3H4N4O	000931-86-2	9
5	Phenol, 3-fluoro-		112	C6H5FO	000372-20-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

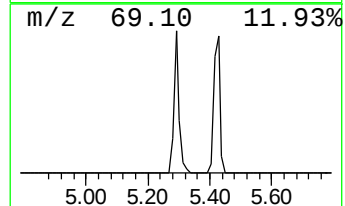
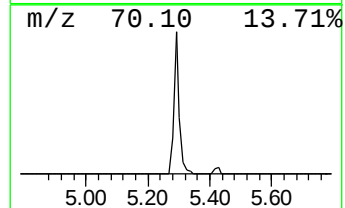
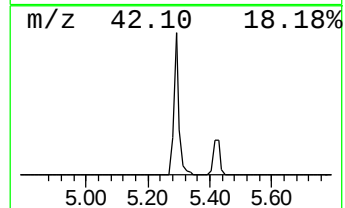
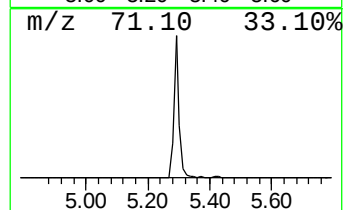
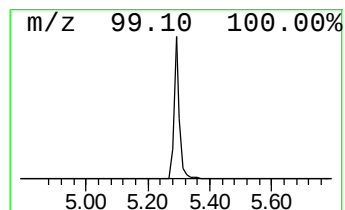
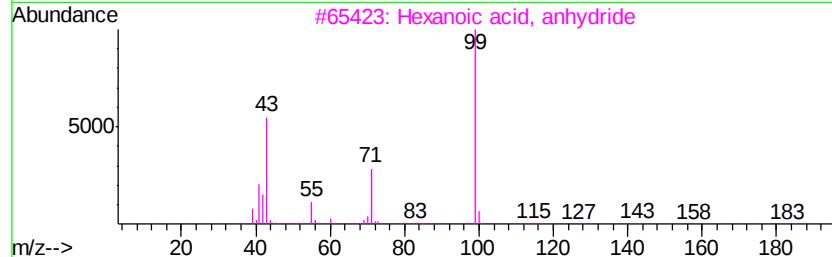
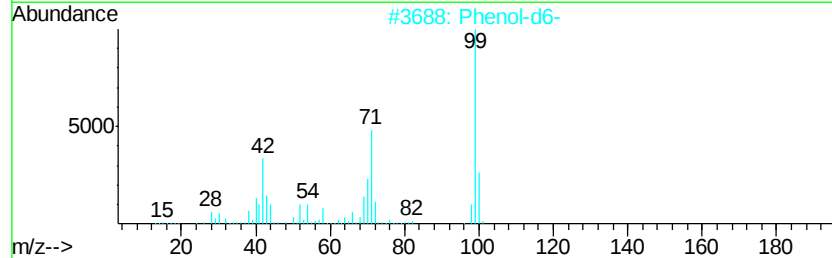
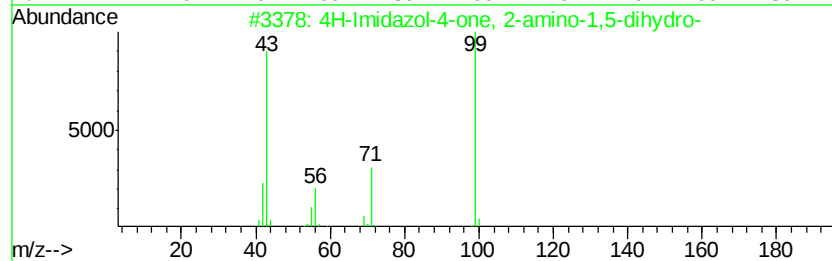
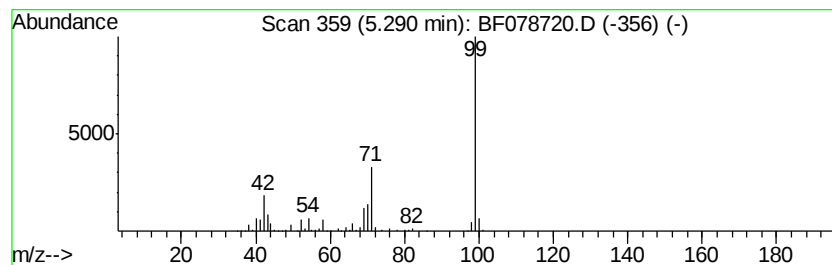
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Imidazol-4-one, 2-amino-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	145.01 ng	563027	Perylene-d12	19.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2		Phenol-d6-	100	C6D6O	013127-88-3	64
3		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
4		Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	42
5		n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

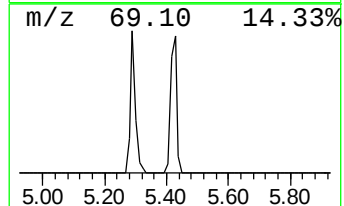
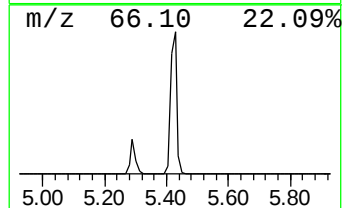
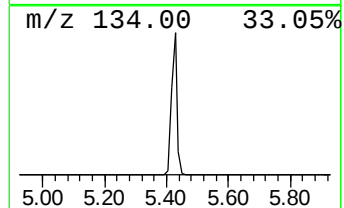
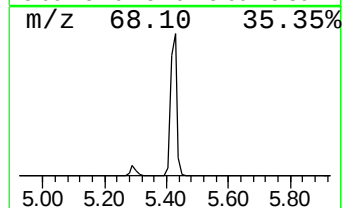
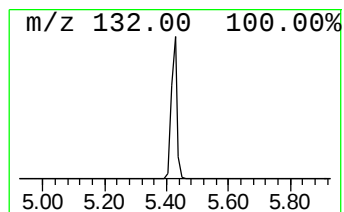
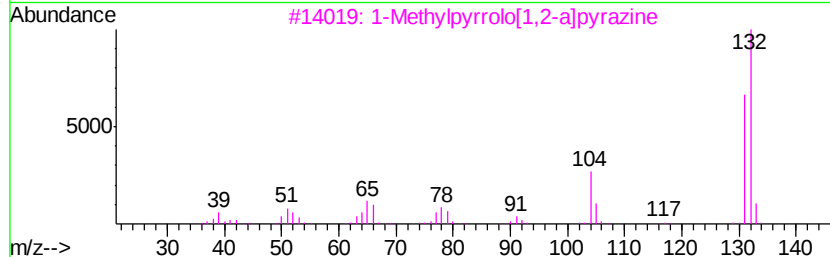
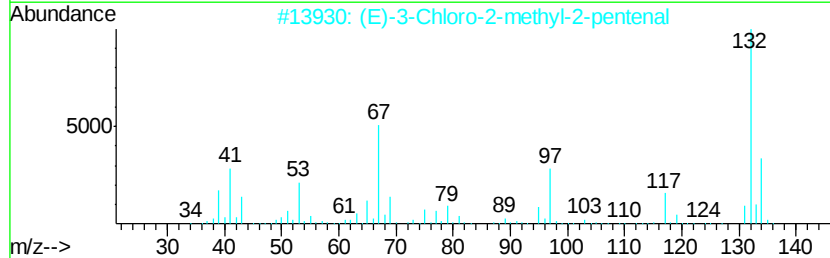
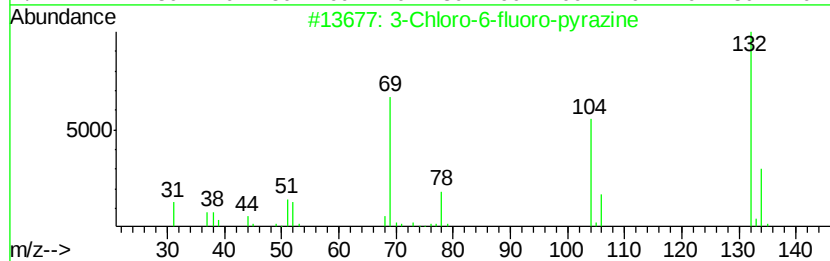
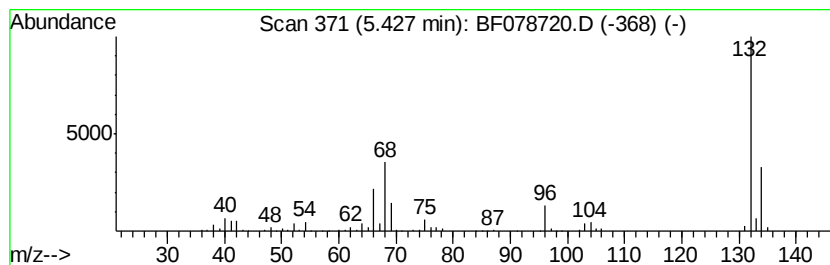
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	153.88 ng	597468	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

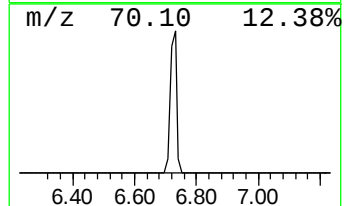
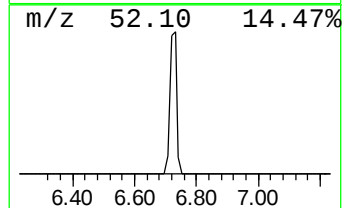
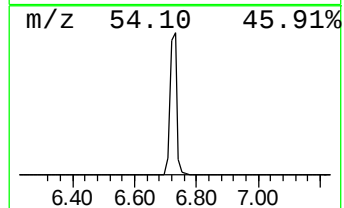
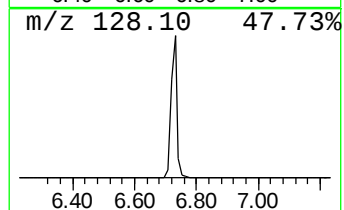
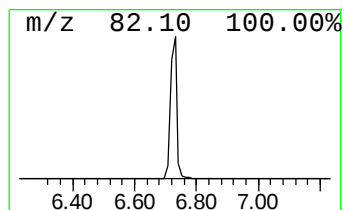
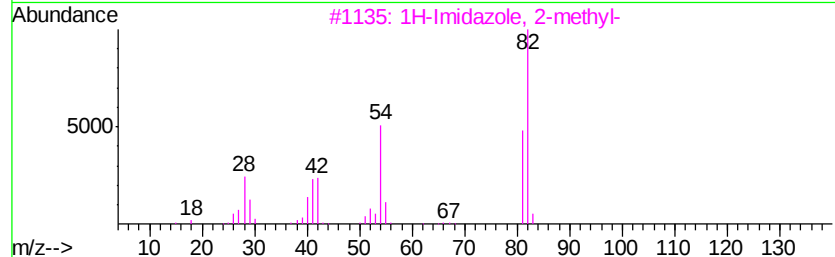
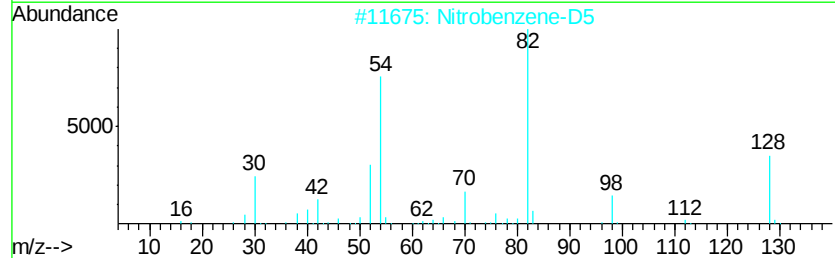
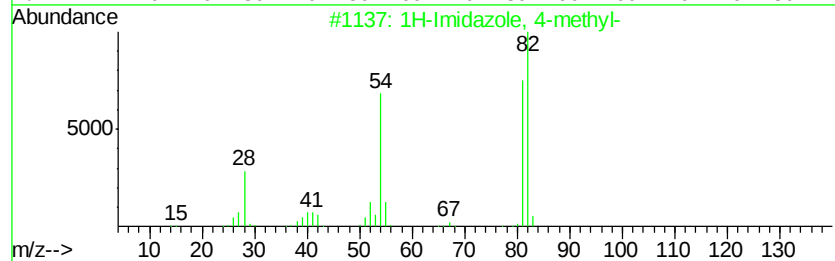
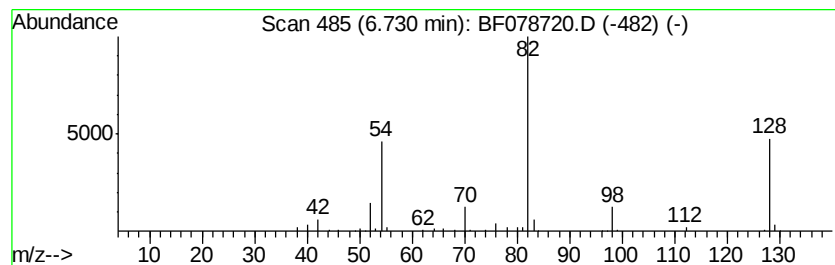
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Imidazole, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	90.69 ng	352112	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2		Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3		1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
4		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	28
5		1,3-Isobenzofurandione, hexahydro-	154	C8H10O3	000085-42-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

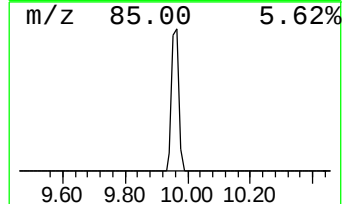
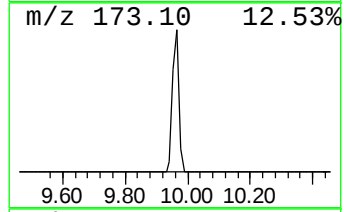
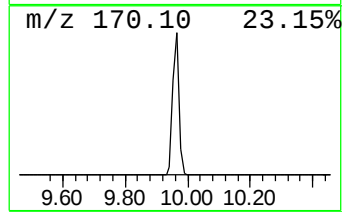
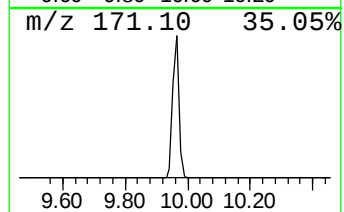
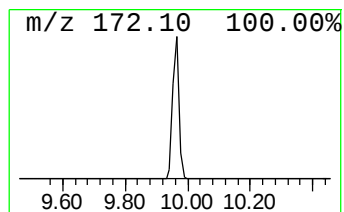
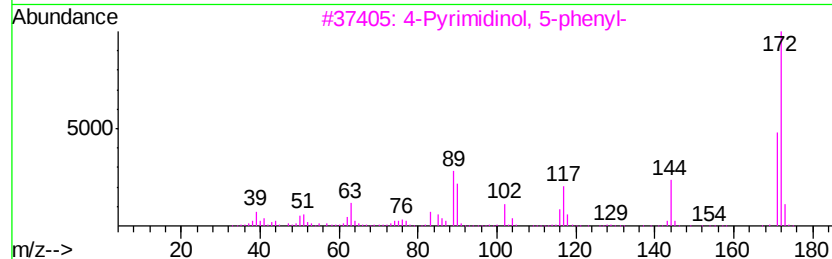
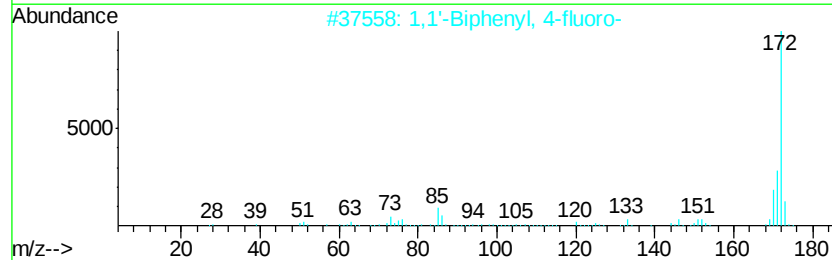
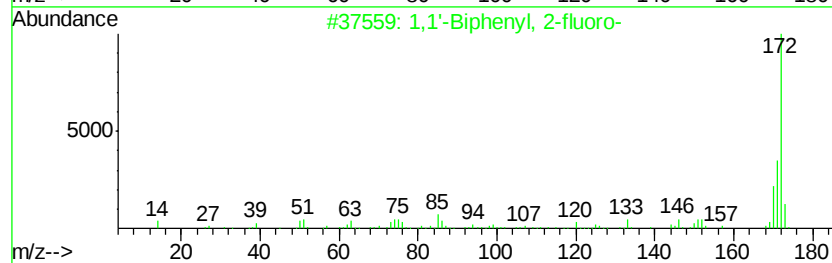
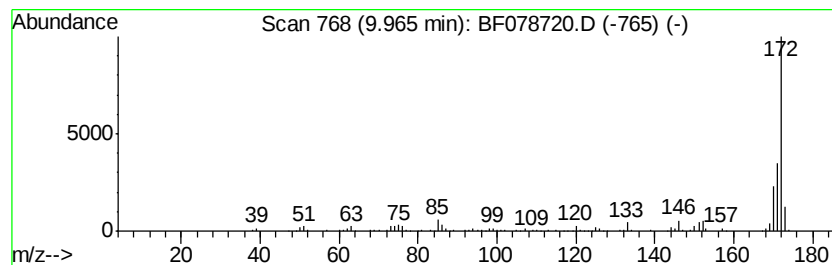
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2-fluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	194.37 ng	754705	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2		1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3		4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
4		2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	38
5		4-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	023380-78-1	28



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

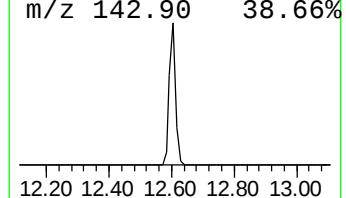
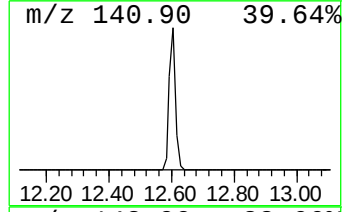
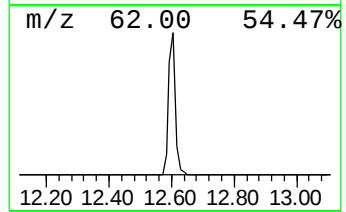
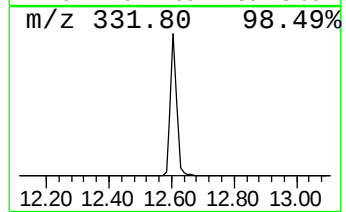
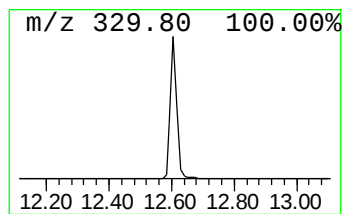
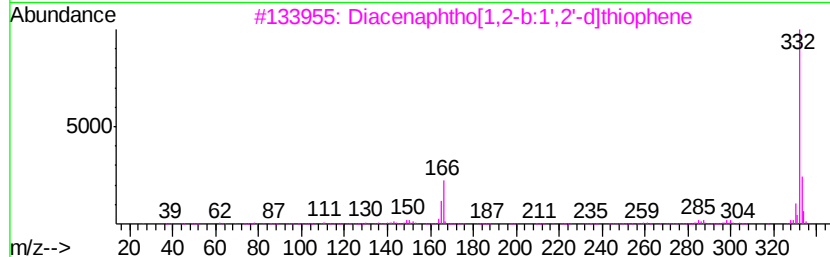
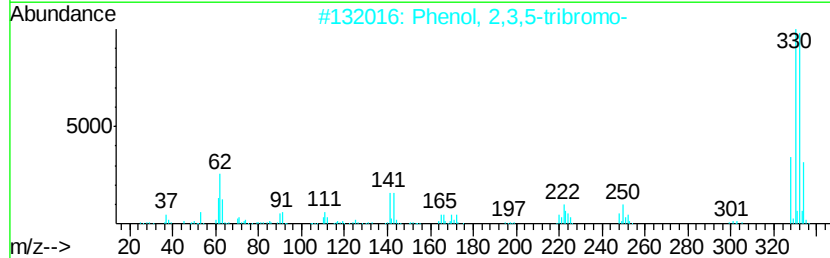
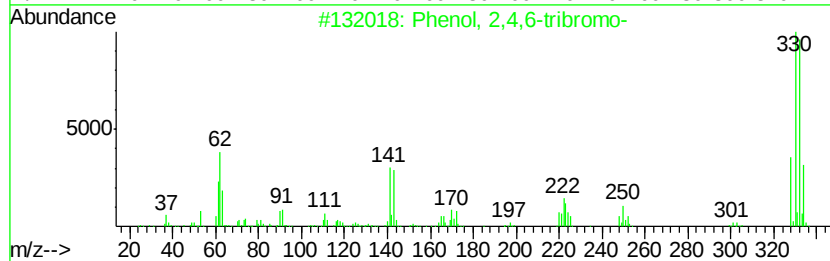
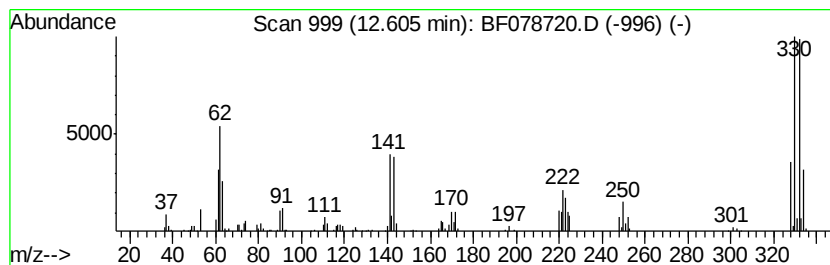
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 2,4,6-tribromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	123.25 ng	478537	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	99
2		Phenol, 2,3,5-tribromo-	328	C6H3Br3O	057383-81-0	99
3		Diacenaphtho[1,2-b:1',2'-d]thiop...	332	C24H12S	000203-42-9	10
4		Naphtho[2,1-b]thiophene-4-carbox...	330	C14H6ClF3O2S	052300-59-1	10
5		2,2',3,3',5,5',6,6'-Octafluoro-4...	330	C12H2F8O2	002200-70-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

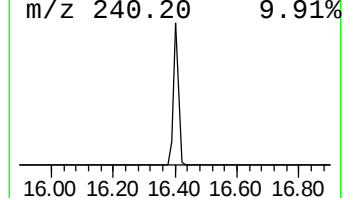
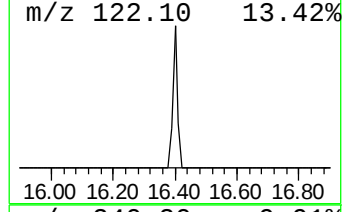
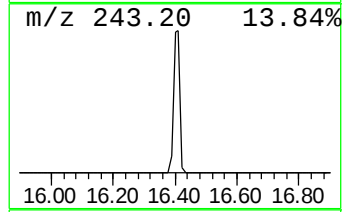
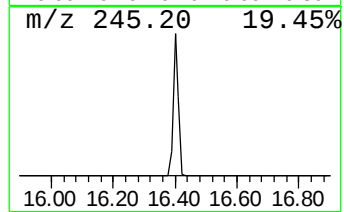
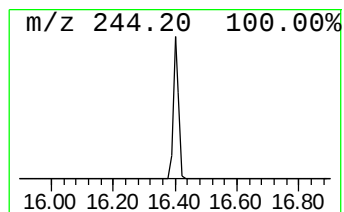
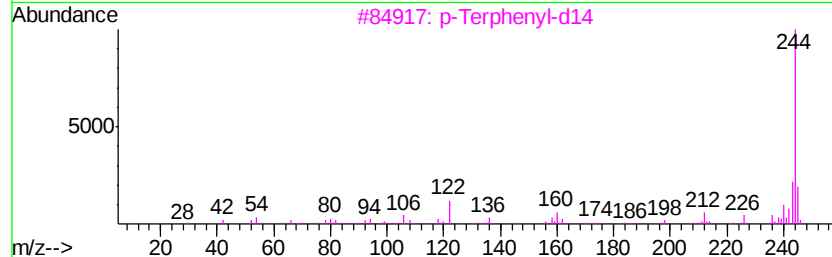
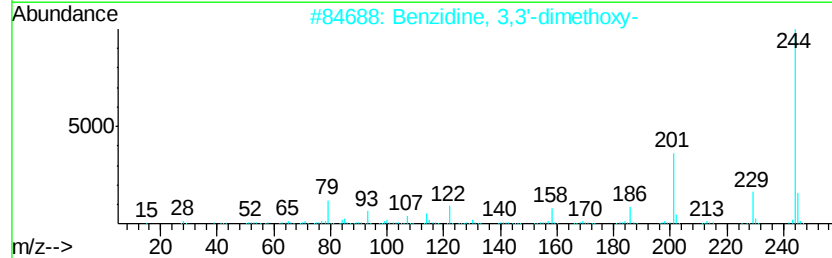
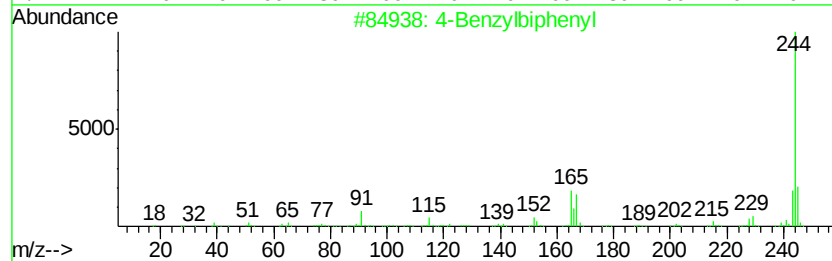
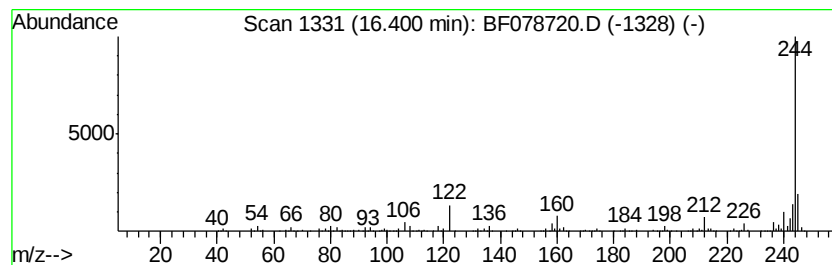
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4-Benzylbiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	265.26 ng	1029950	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Benzylbiphenyl	244	C19H16	000613-42-3	64
2		Benzidine, 3,3'-dimethoxy-	244	C14H16N2O2	000119-90-4	64
3		p-Terphenyl-d14	244	C18D14	001718-51-0	64
4		1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	59
5		Dicyclooctanopyridazine	244	C16H24N2	1000150-04-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

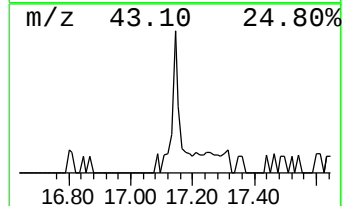
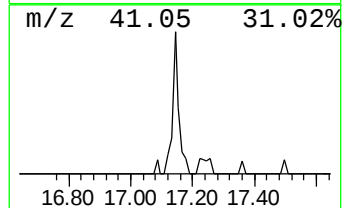
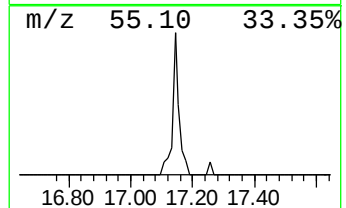
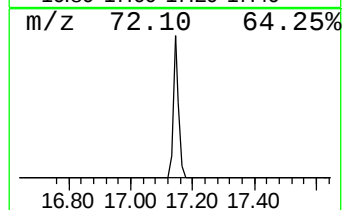
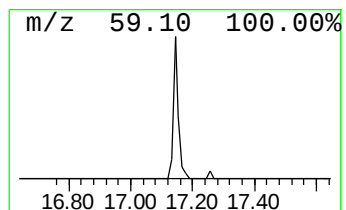
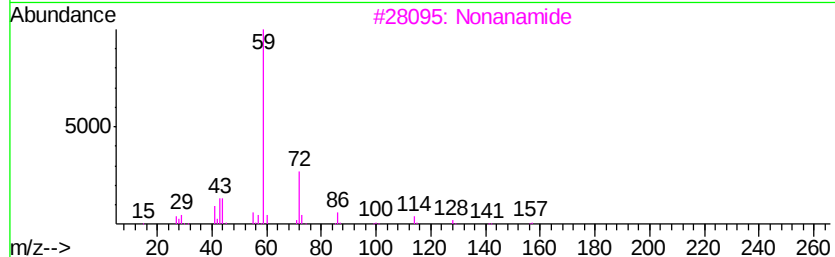
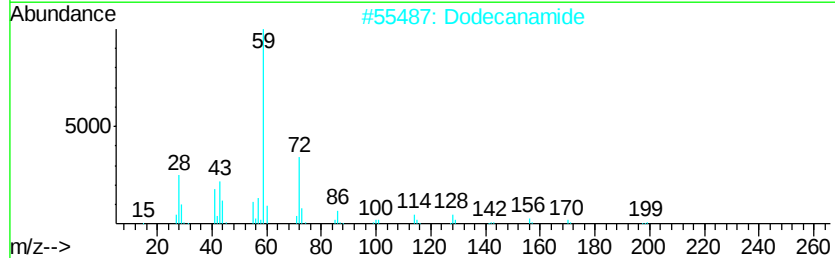
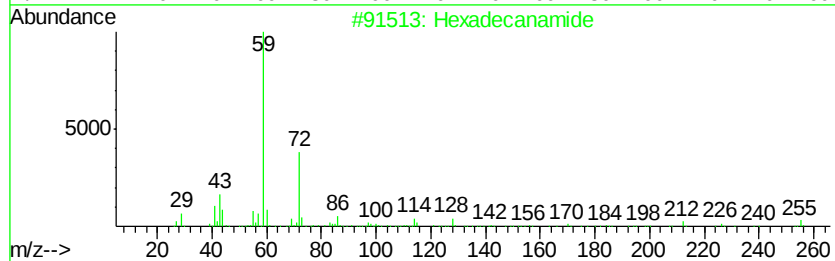
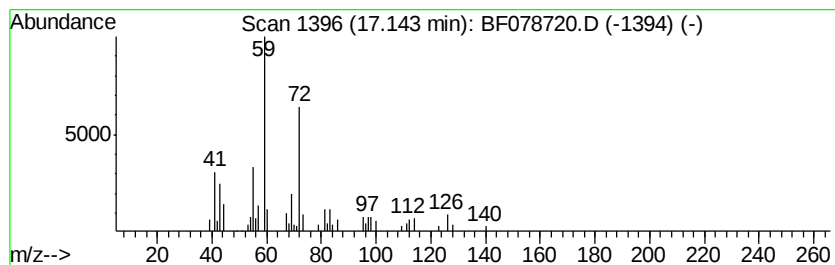
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	13.94 ng	54124	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanamide	255	C16H33NO	000629-54-9	72
2		Dodecanamide	199	C12H25NO	001120-16-7	59
3		Nonanamide	157	C9H19NO	001120-07-6	53
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50
5		2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

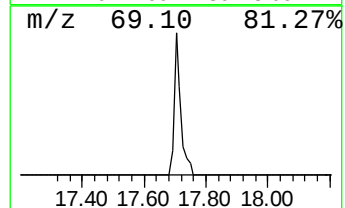
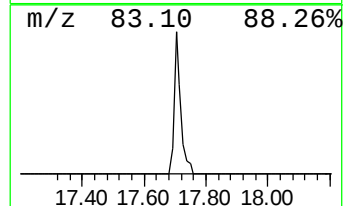
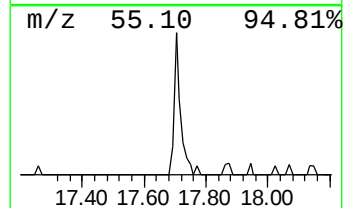
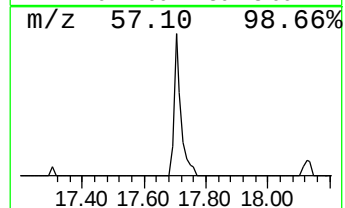
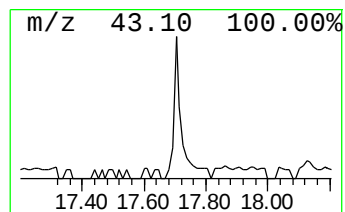
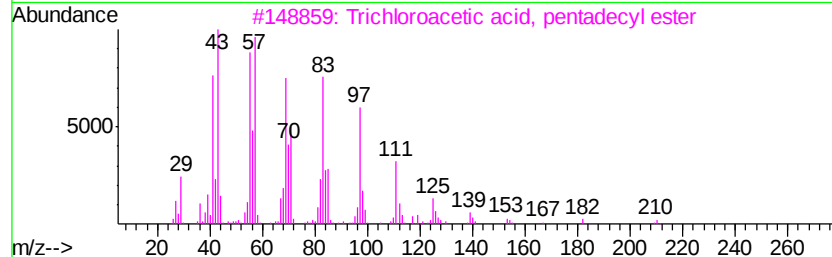
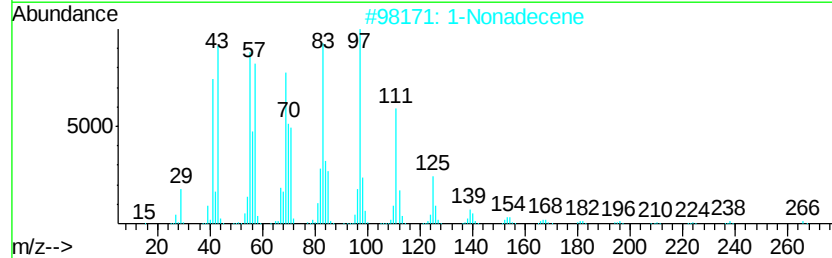
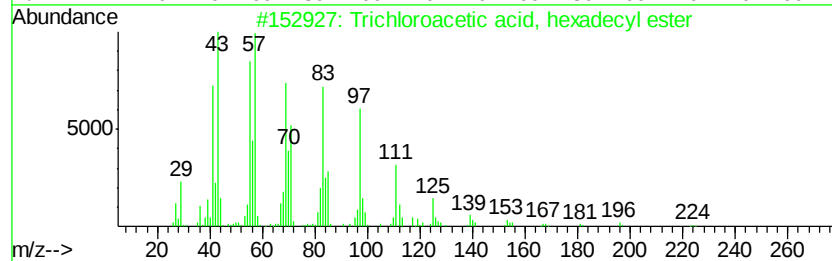
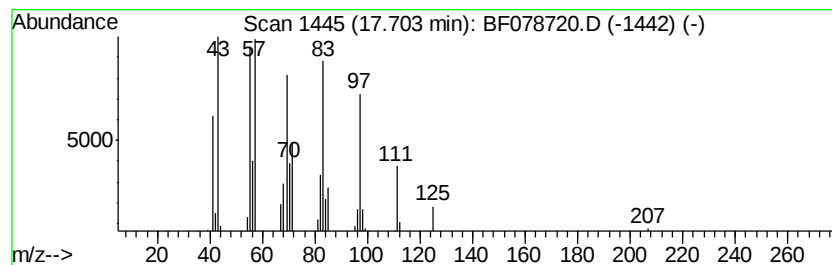
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	20.00 ng	77656	Perylene-d12	19.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		1-Heptadecanol	256	C17H36O	001454-85-9	87
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.29	25.2	ng	97756	1	19.45	77656	20.0
Phenol, 2-fluoro-	3.80	144.3	ng	560368	1	19.45	77656	20.0
4H-Imidazol-4-one...	5.29	145.0	ng	563027	1	19.45	77656	20.0
unknown5.43	5.43	153.9	ng	597468	1	19.45	77656	20.0
1H-Imidazole, 4-m...	6.73	90.7	ng	352112	1	19.45	77656	20.0
1,1'-Biphenyl, 2-...	9.96	194.4	ng	754705	1	19.45	77656	20.0
Phenol, 2,4,6-tri...	12.61	123.3	ng	478537	1	19.45	77656	20.0
4-Benzylbiphenyl	16.40	265.3	ng	1029950	1	19.45	77656	20.0
Hexadecanamide	17.14	13.9	ng	54124	1	19.45	77656	20.0
Trichloroacetic a...	17.70	20.0	ng	77656	1	19.45	77656	20.0