

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078575.D
 Acq On : 16 Apr 2015 19:49
 Operator : TP/IZ
 Sample : G1855-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12A(6-12)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	1.450	21	23	29	rBV	72499	126673	9.89%	1.071%
2	1.530	29	30	54	rVB	566778	1281194	100.00%	10.828%
3	4.284	268	271	277	rBV	29070	48959	3.82%	0.414%
4	4.913	323	326	334	rVB	329875	407288	31.79%	3.442%
5	6.307	445	448	454	rBV	309642	427632	33.38%	3.614%
6	6.399	454	456	459	rBV	357897	456285	35.61%	3.856%
7	6.684	479	481	484	rBV	131154	140076	10.93%	1.184%
8	6.822	490	493	495	rBV	18167	29029	2.27%	0.245%
9	6.867	495	497	500	rVV	256078	353081	27.56%	2.984%
10	7.393	541	543	546	rBV	305284	269620	21.04%	2.279%
11	8.273	617	620	622	rBV	196783	208708	16.29%	1.764%
12	9.073	685	690	691	rBV3	15788	38541	3.01%	0.326%
13	9.245	702	705	712	rBV4	19719	77772	6.07%	0.657%
14	9.450	718	723	724	rBV4	9419	27610	2.16%	0.233%
15	9.485	724	726	728	rVV2	23052	28826	2.25%	0.244%
16	9.622	735	738	740	rVB	606700	597602	46.64%	5.050%
17	9.691	740	744	746	rBV2	50216	57857	4.52%	0.489%
18	9.725	746	747	750	rBV2	19536	25942	2.02%	0.219%
19	9.771	750	751	754	rVV3	18712	26704	2.08%	0.226%
20	9.942	763	766	769	rBV4	11612	32649	2.55%	0.276%
21	10.022	770	773	774	rVV2	30013	43778	3.42%	0.370%
22	10.068	774	777	779	rVV2	91506	111088	8.67%	0.939%
23	10.136	781	783	784	rVV	65919	72068	5.63%	0.609%
24	10.159	784	785	787	rVV2	31699	42653	3.33%	0.360%
25	10.239	791	792	796	rVV3	51065	128525	10.03%	1.086%
26	10.319	796	799	801	rVB2	74198	141617	11.05%	1.197%
27	10.353	801	802	804	rBV2	16274	26480	2.07%	0.224%
28	10.399	804	806	807	rVV	43106	65944	5.15%	0.557%
29	10.422	807	808	811	rVV	261465	270961	21.15%	2.290%
30	10.479	811	813	817	rVB	45279	61165	4.77%	0.517%
31	10.559	818	820	824	rBV4	15639	37876	2.96%	0.320%
32	10.742	833	836	837	rBV2	15601	26974	2.11%	0.228%
33	10.833	840	844	846	rBV5	31764	75278	5.88%	0.636%
34	10.879	846	848	850	rVV2	18563	30016	2.34%	0.254%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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

35	10.925	850	852	854	rVB	58039	55507	4.33%	0.469%
36	11.005	856	859	861	rVB	222851	232479	18.15%	1.965%
37	11.039	861	862	865	rBV	27195	43476	3.39%	0.367%
38	11.314	883	886	889	rBV3	44785	89679	7.00%	0.758%
39	11.394	891	893	896	rBV2	298996	368080	28.73%	3.111%
40	11.645	912	915	917	rBV	83520	126128	9.84%	1.066%
41	11.839	930	932	937	rBV2	36044	65293	5.10%	0.552%
42	12.239	963	967	972	rBV3	201482	441850	34.49%	3.734%
43	12.331	973	975	979	rBV2	54511	120599	9.41%	1.019%
44	12.559	993	995	998	rBV	127398	218829	17.08%	1.849%
45	12.651	1001	1003	1005	rVV	79703	109195	8.52%	0.923%
46	12.902	1023	1025	1029	rBV4	88649	174863	13.65%	1.478%
47	13.028	1034	1036	1039	rVB3	109274	200461	15.65%	1.694%
48	13.577	1082	1084	1087	rBV	183074	299006	23.34%	2.527%
49	13.737	1096	1098	1100	rBV	481113	580603	45.32%	4.907%
50	13.839	1105	1107	1109	rVV2	197293	300206	23.43%	2.537%
51	14.011	1120	1122	1124	rVB	420816	456682	35.65%	3.860%
52	14.125	1130	1132	1134	rBV	608723	934876	72.97%	7.901%
53	14.240	1140	1142	1145	rVB	478029	698157	54.49%	5.900%
54	14.320	1146	1149	1151	rBV	299147	520175	40.60%	4.396%

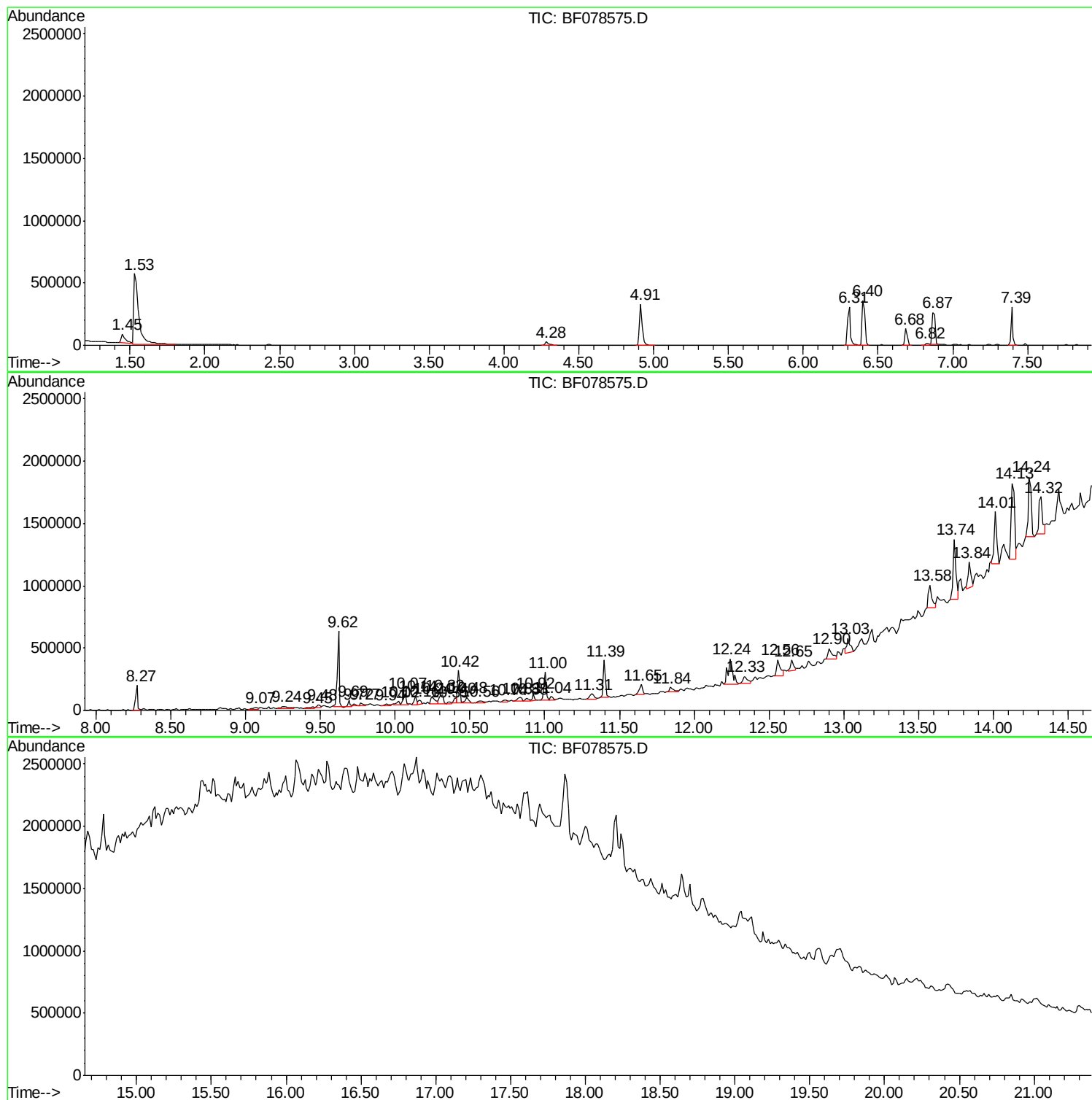
Sum of corrected areas: 11832615

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

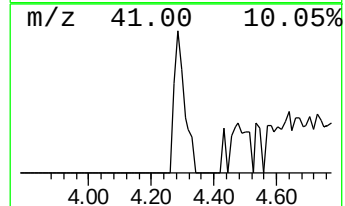
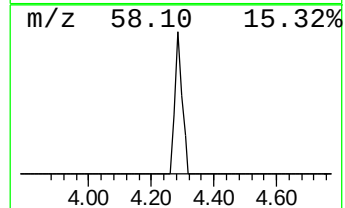
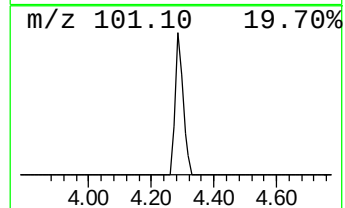
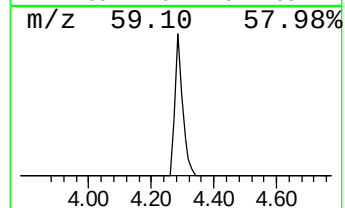
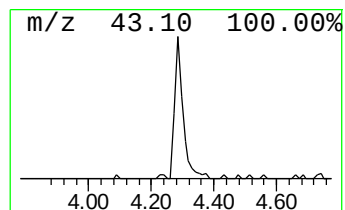
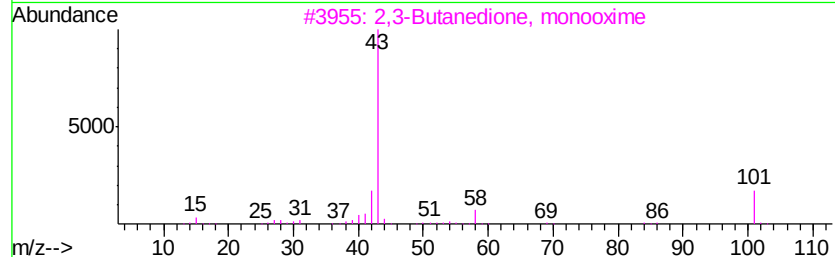
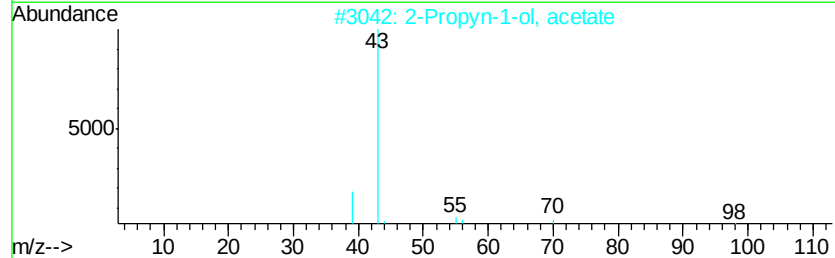
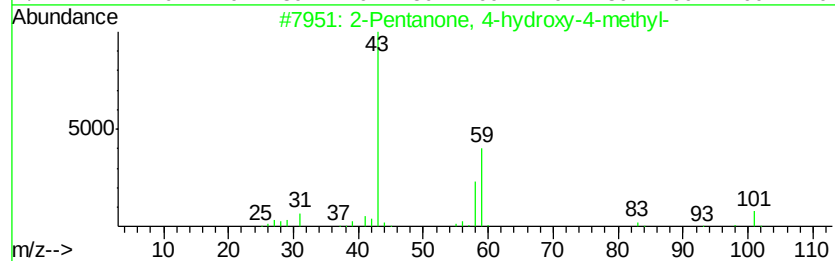
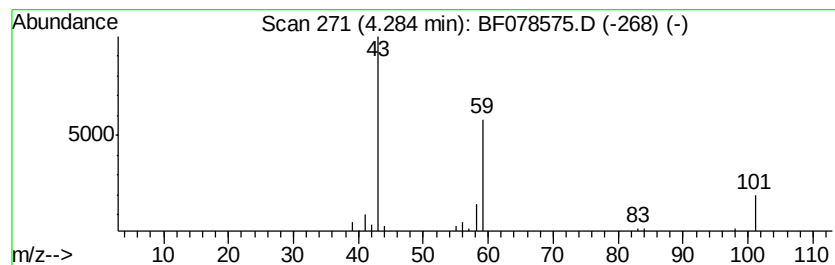
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	6.99 ng	48959	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

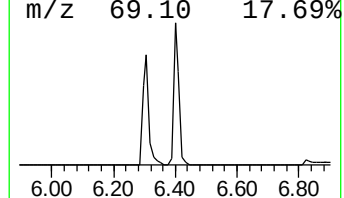
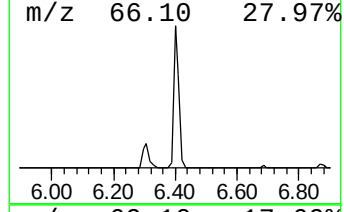
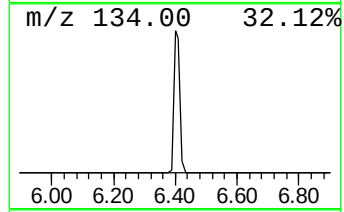
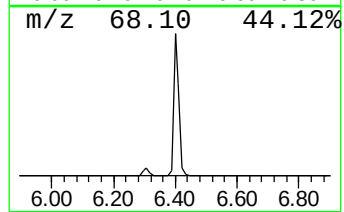
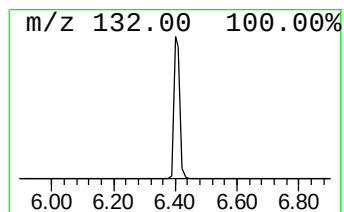
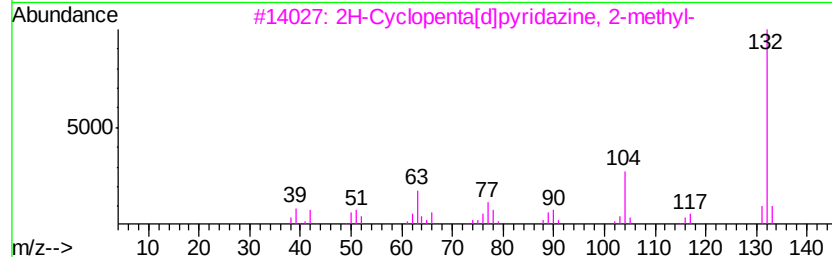
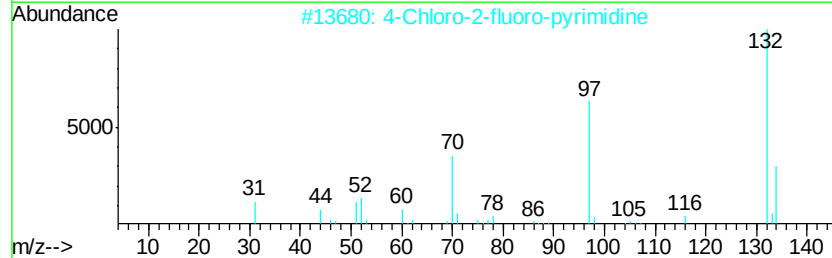
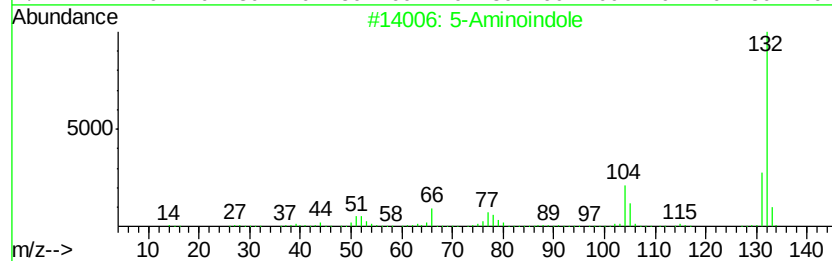
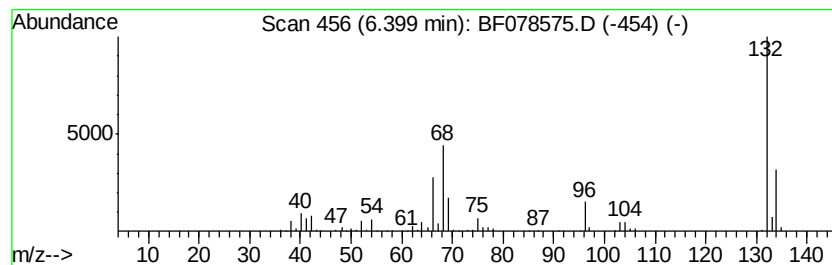
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	65.15 ng	456285	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

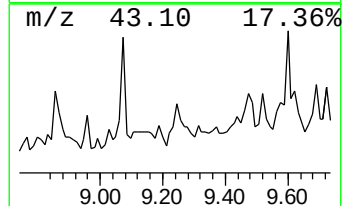
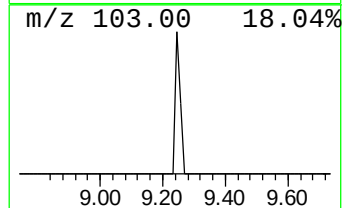
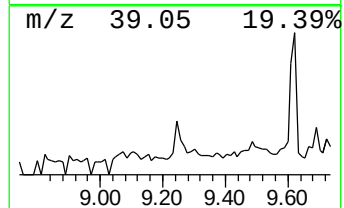
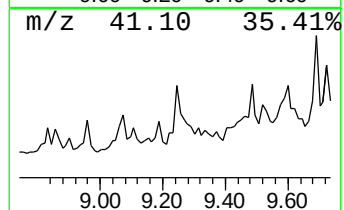
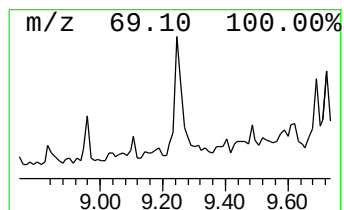
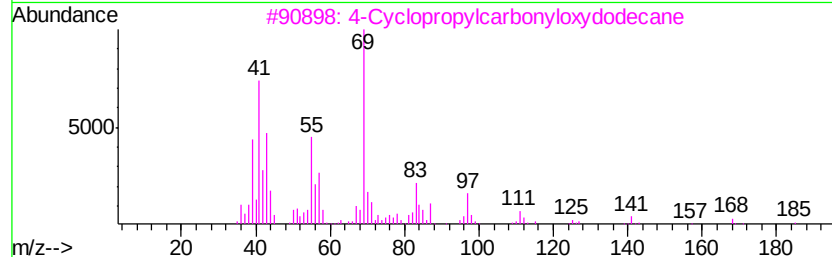
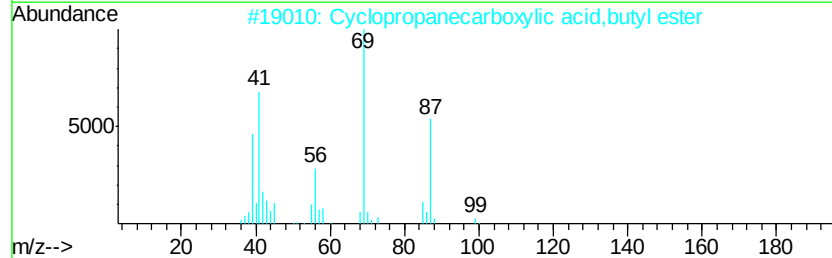
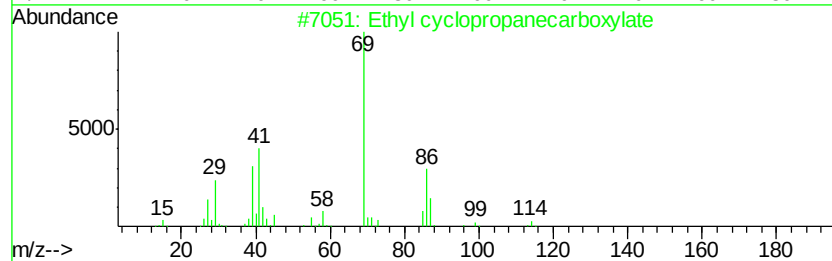
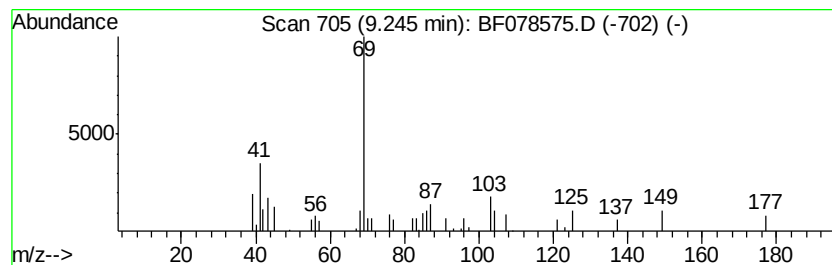
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	7.45 ng	77772	Napthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	43
2			Cyclopropanecarboxylic acid, buty...	142	C8H14O2	054947-39-6	37
3			4-Cyclopropylcarbonyloxylododecane	254	C16H30O2	1000245-58-2	33
4			3-Cyclopropylcarbonyloxylododecane	254	C16H30O2	1000245-58-1	33
5			2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

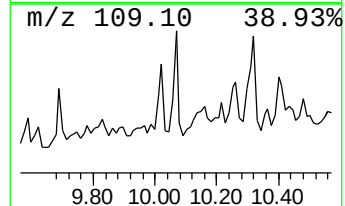
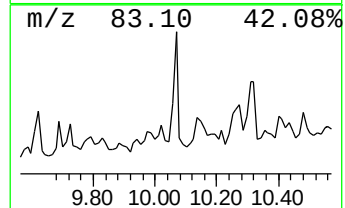
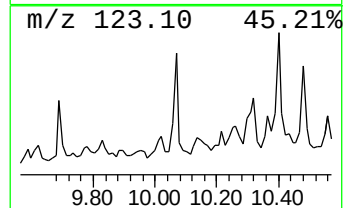
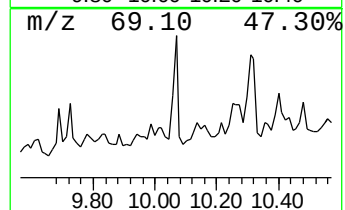
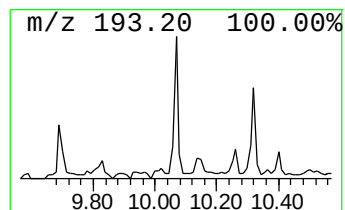
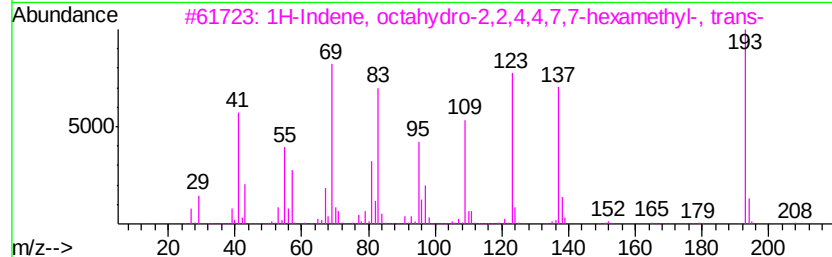
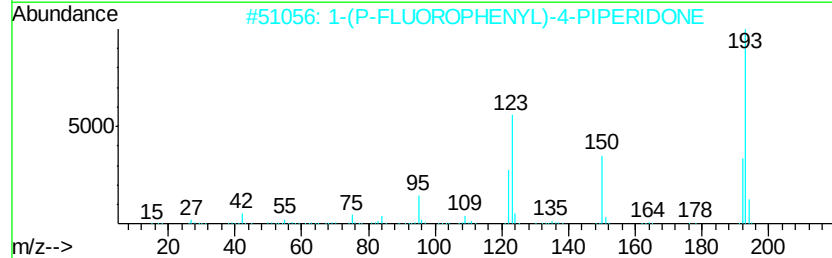
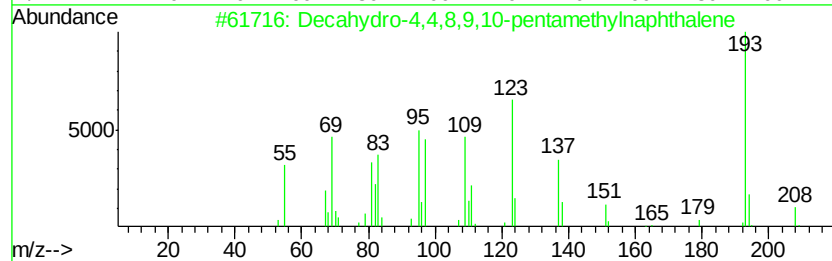
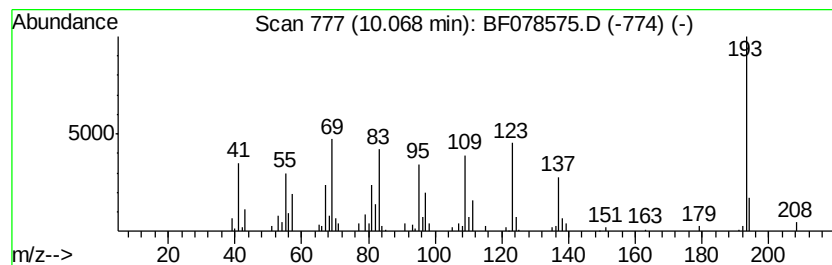
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 7 unknown10.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.07	8.20 ng	111088	Acenaphthene-d10	10.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

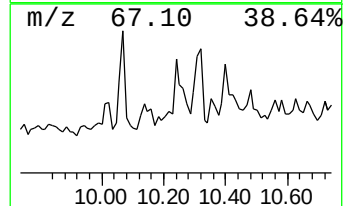
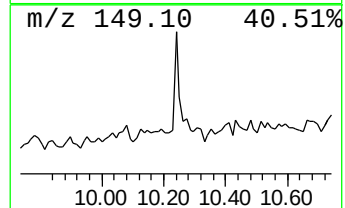
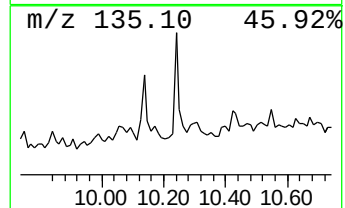
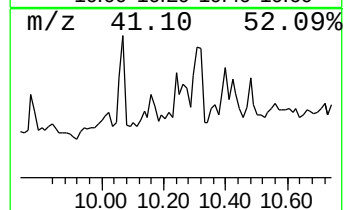
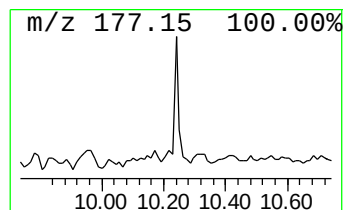
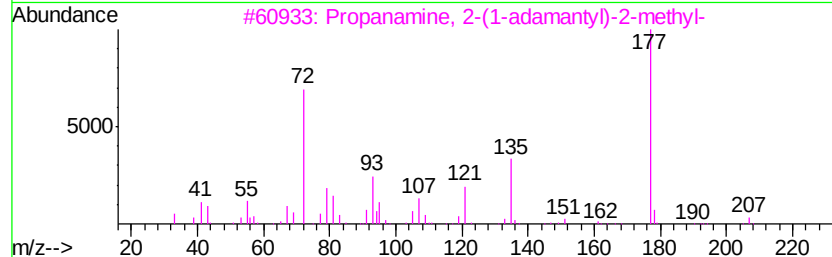
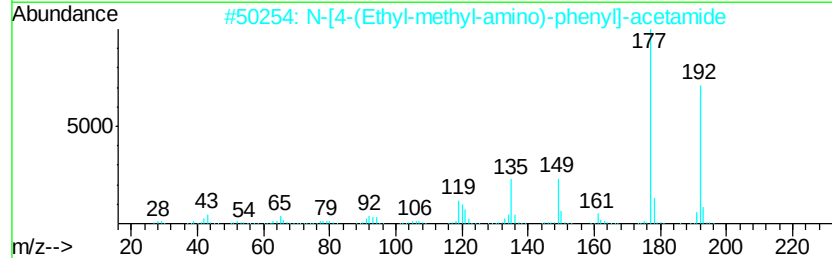
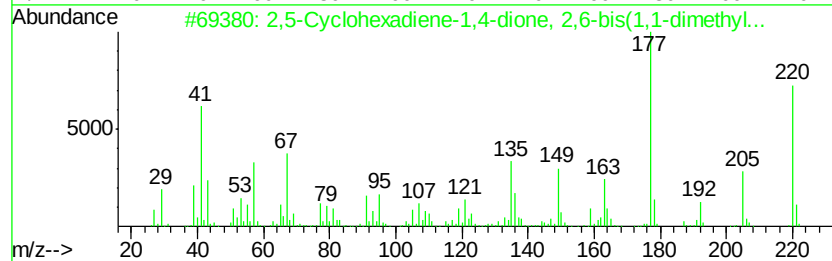
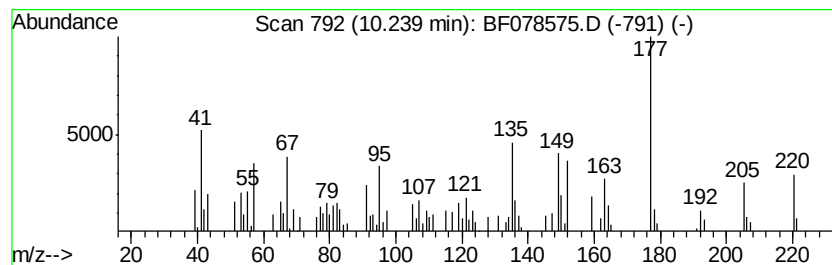
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	9.49 ng	128525	Acenaphthene-d10	10.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220 C14H20O2	000719-22-2	95
2	N-[4-(Ethyl-methyl-amino)-phenyl]...	192 C11H16N2O	099981-45-0	58
3	Propanamine, 2-(1-adamantyl)-2-m...	207 C14H25N	079594-24-4	38
4	2,3-Dimethoxyphenylacetone nitrile	177 C10H11NO2	004468-57-9	30
5	Diepi-.alpha.-cedrene epoxide	220 C15H24O	1000151-96-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

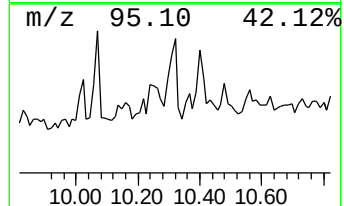
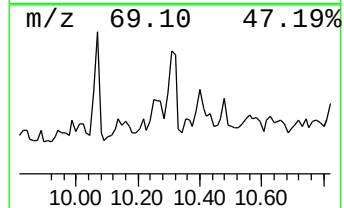
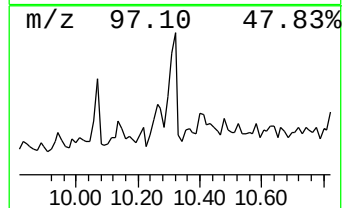
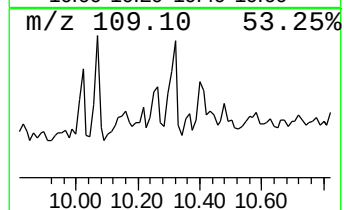
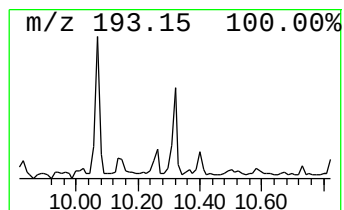
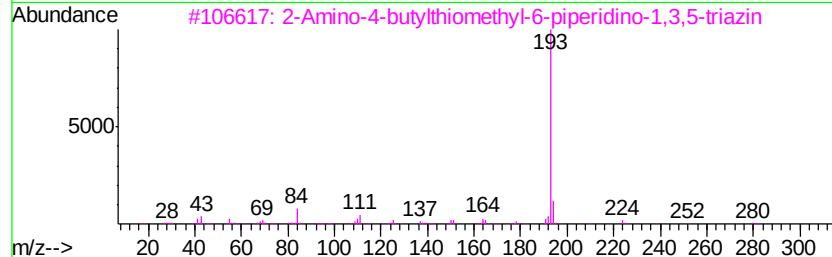
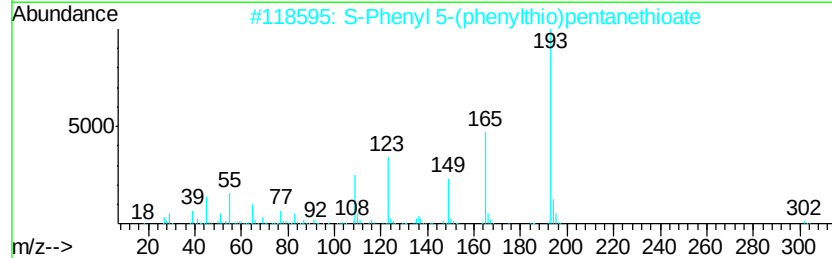
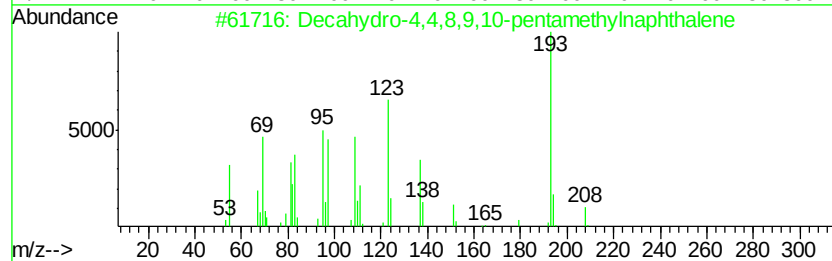
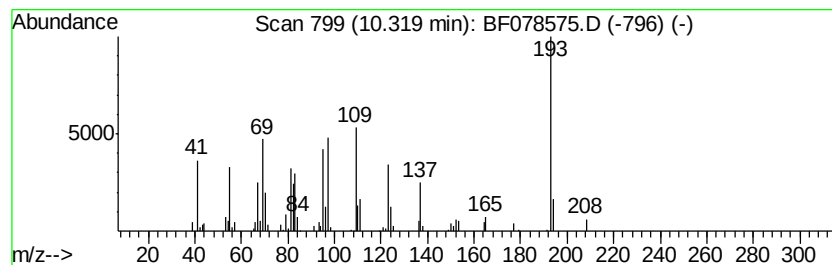
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.32 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	10.45 ng	141617	Acenaphthene-d10	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2		S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	32
3		2-Amino-4-butylthiomethyl-6-pipe...	281	C13H23N5S	022362-21-6	22
4		9-Vinylcarbazole	193	C14H11N	001484-13-5	22
5		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

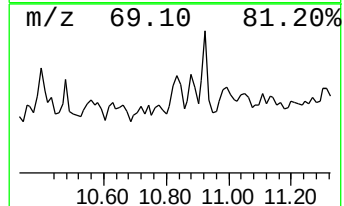
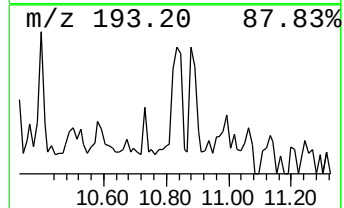
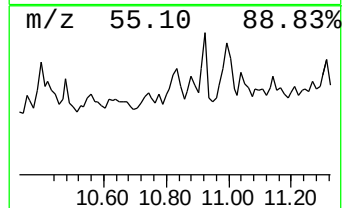
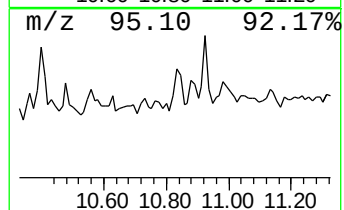
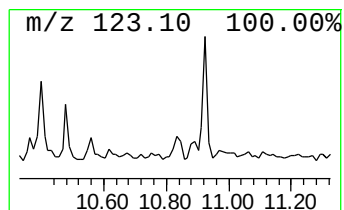
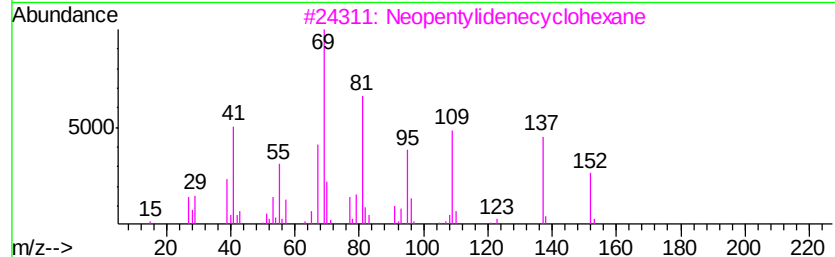
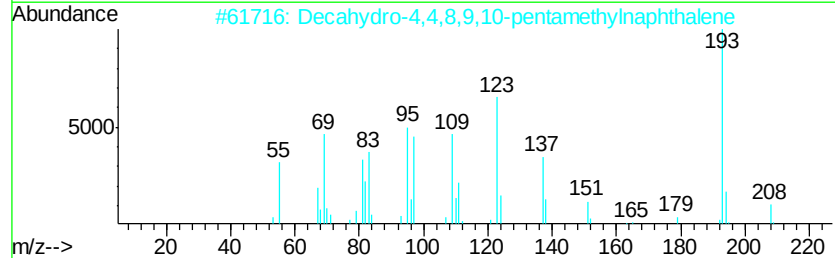
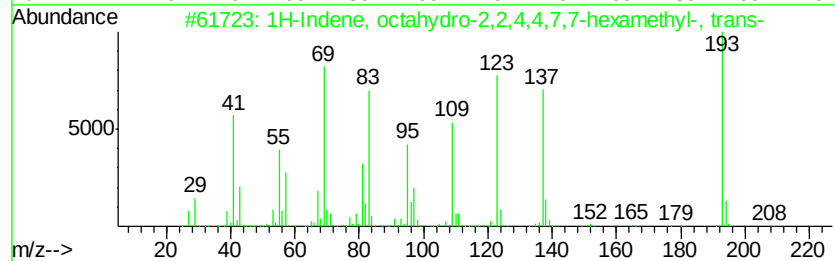
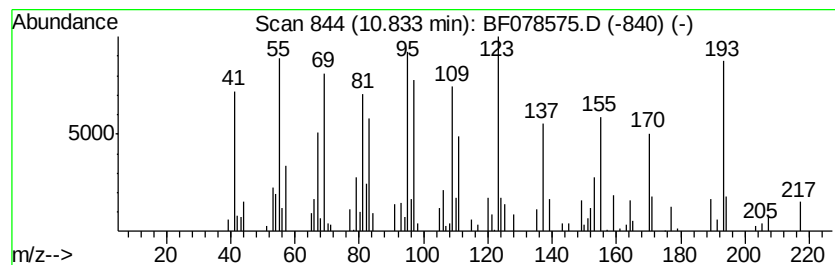
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 unknown10.83 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	5.56 ng	75278	Acenaphthene-d10	10.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6 38
2		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 35
3		Neopentylidenecyclohexane	152 C11H20	039546-80-0 30
4		Cyclopentaneethanol, .beta.,2,3-...	156 C10H20O	021721-18-6 22
5		Cyclohexanol, 4-ethyl-4-methyl-3...	184 C12H24O	055869-53-9 14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

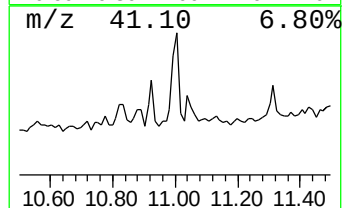
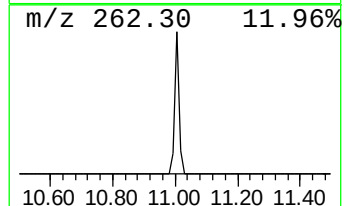
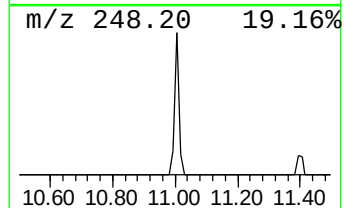
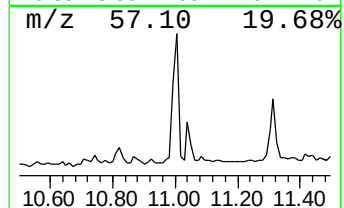
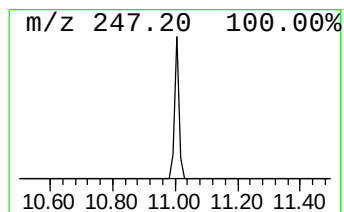
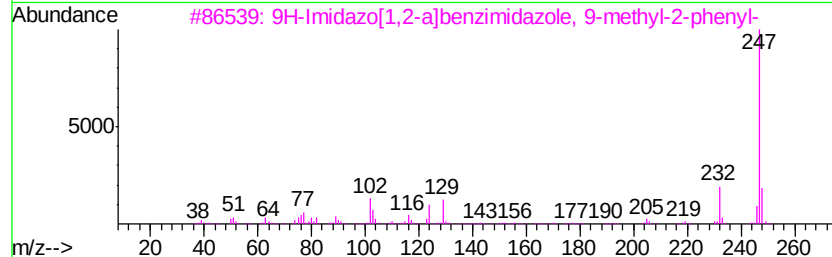
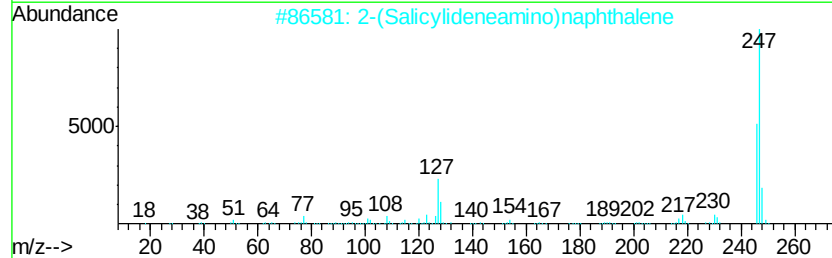
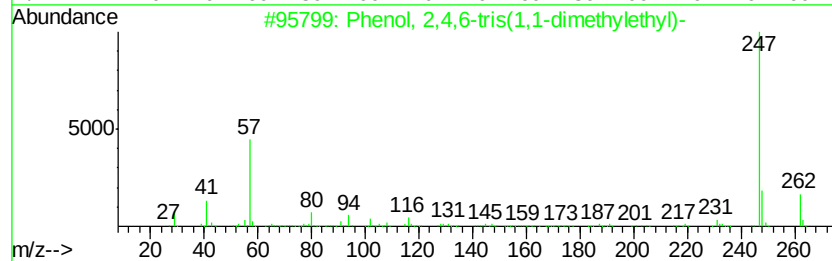
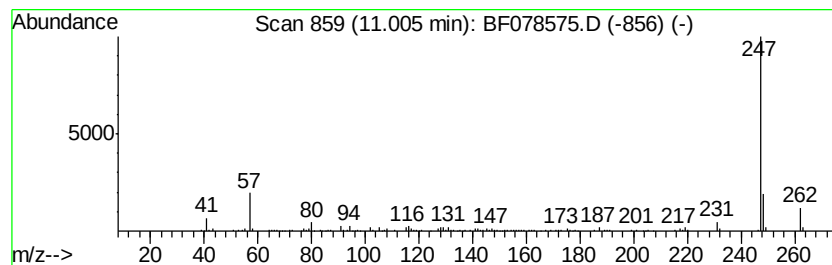
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 Phenol, 2,4,6-tris(1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.00	17.16 ng	232479	Acenaphthene-d10	10.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-tris(1,1-dimethyle...	262	C18H30O	000732-26-3	91
2	2-(Salicylideneamino)naphthalene	247	C17H13NO	001689-72-1	72
3	9H-Imidazo[1,2-a]benzimidazole, ...	247	C16H13N3	021431-82-3	64
4	Propanenitrile, 3-[1-(3-diethyla...	262	C16H26N2O	1000271-09-5	56
5	2-Amino-4,6-diphenylpyrimidine	247	C16H13N3	040230-24-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

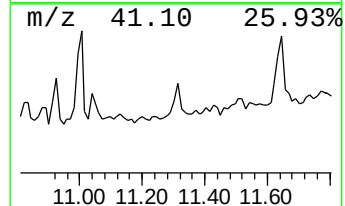
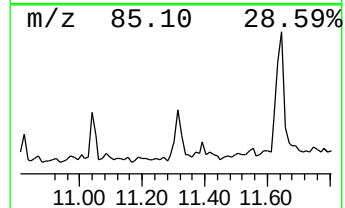
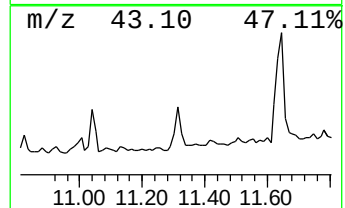
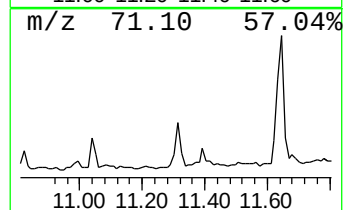
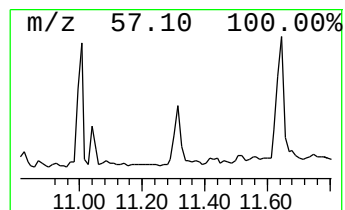
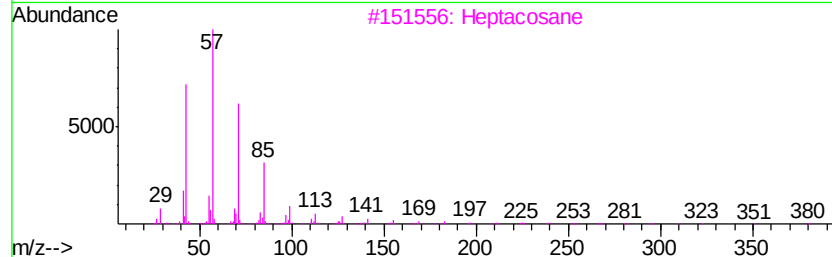
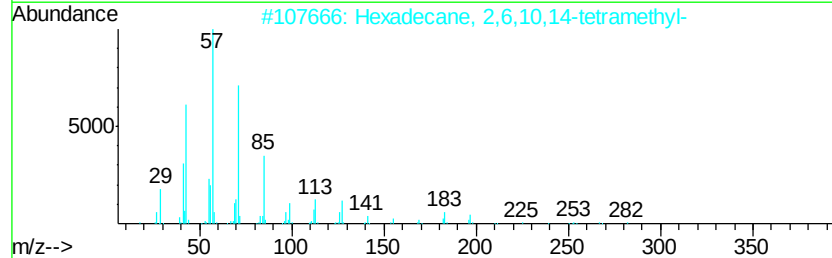
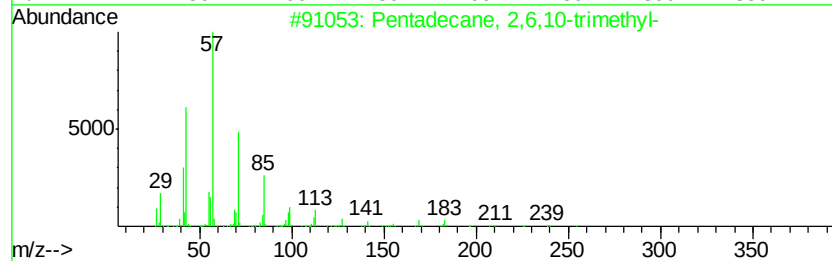
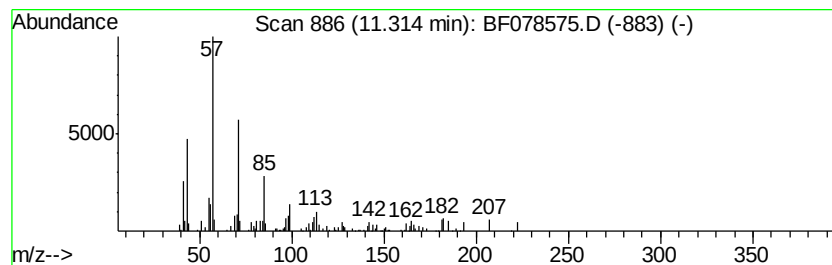
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	6.62 ng	89679	Acenaphthene-d10	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Heptadecane	240	C17H36	000629-78-7	72
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

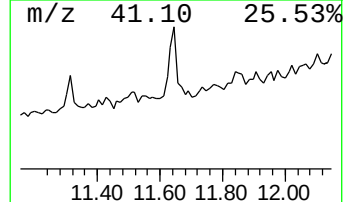
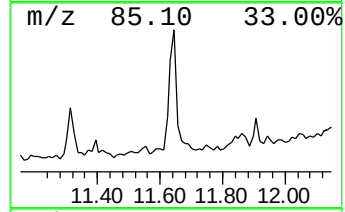
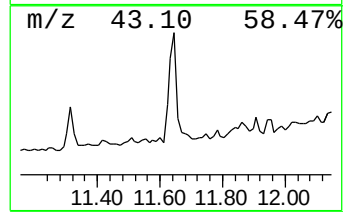
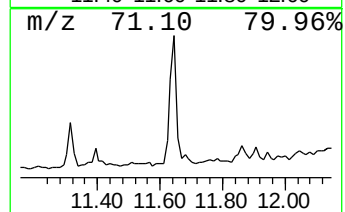
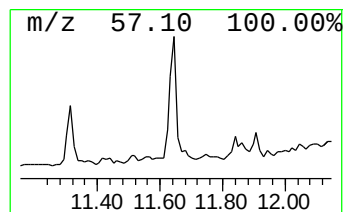
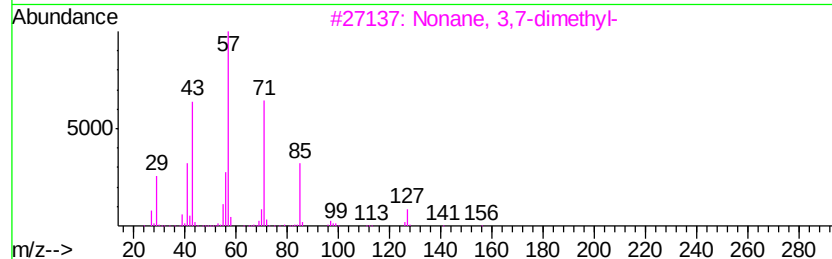
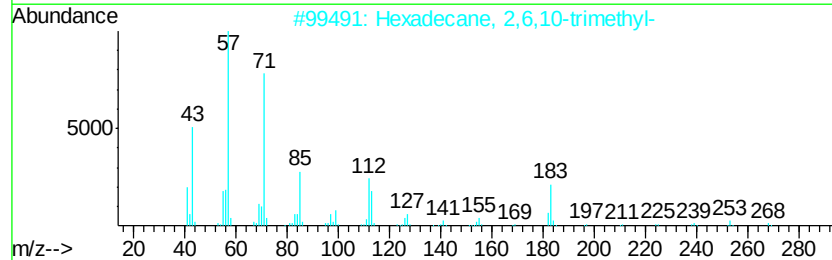
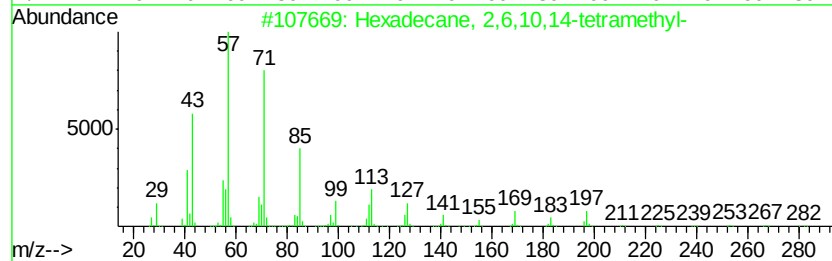
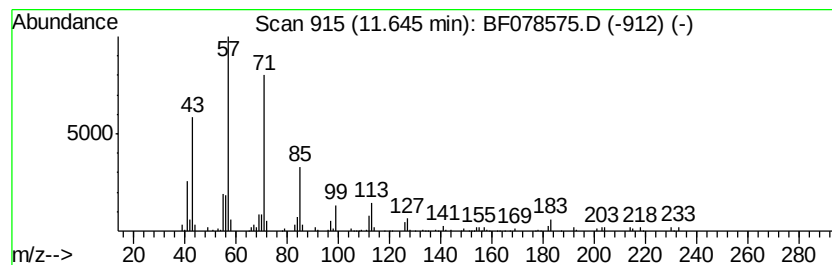
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.71 ng	126128	Phenanthrene-d10	12.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

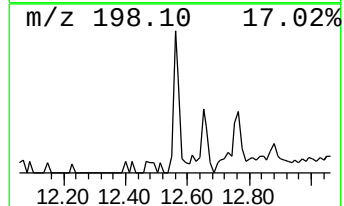
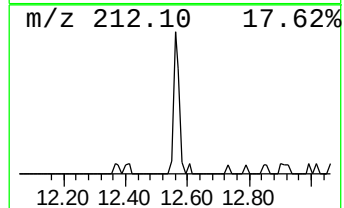
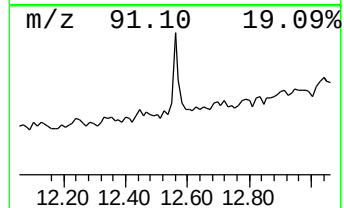
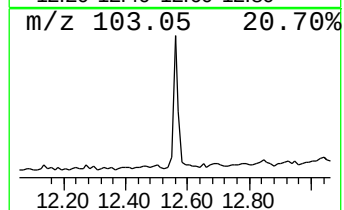
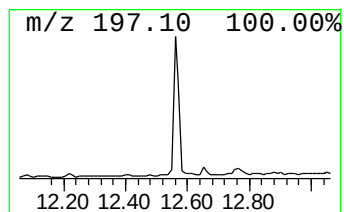
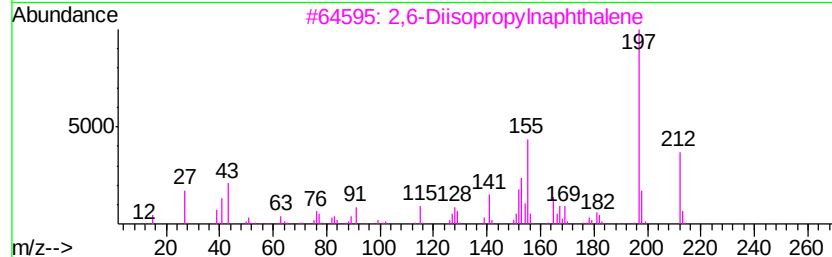
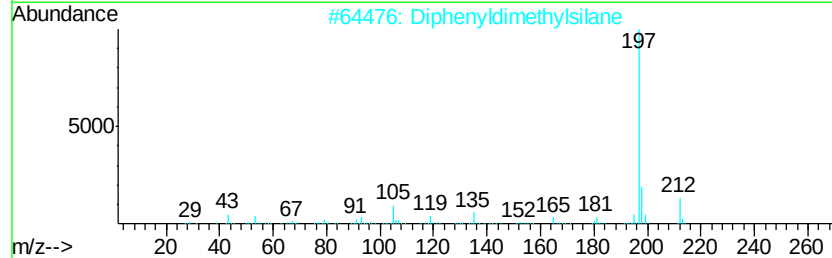
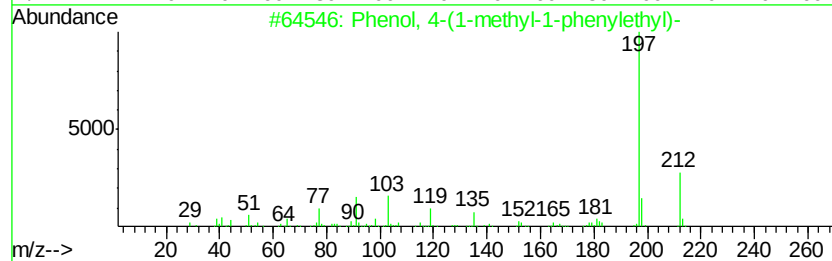
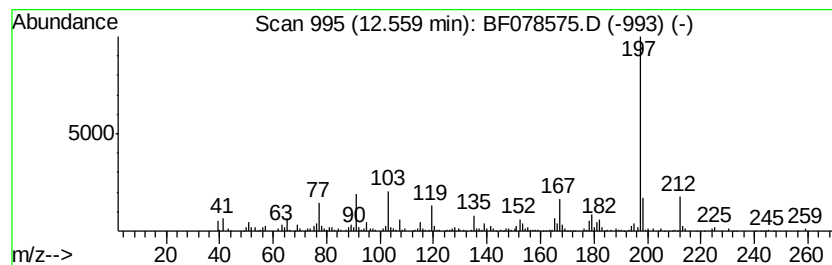
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 14 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	9.91 ng	218829	Phenanthrene-d10	12.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	83
2	Diphenyldimethylsilane	212	C14H16Si	000778-24-5	62
3	2,6-Diisopropyl-naphthalene	212	C16H20	024157-81-1	58
4	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	52
5	1H-Pyrazole, 1,4-bis(trimethylsi...	212	C9H20N2Si2	052805-95-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

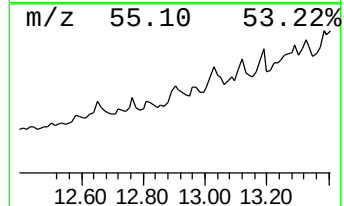
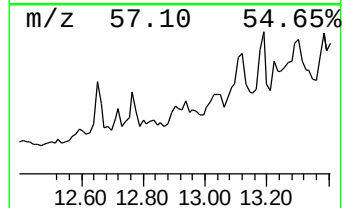
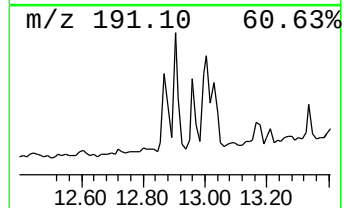
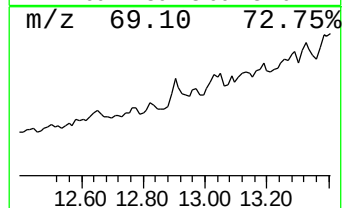
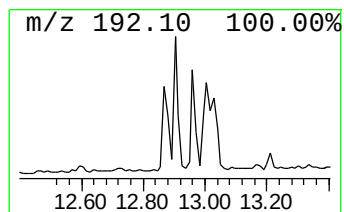
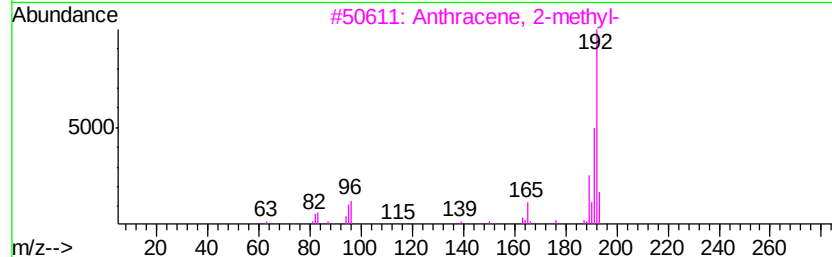
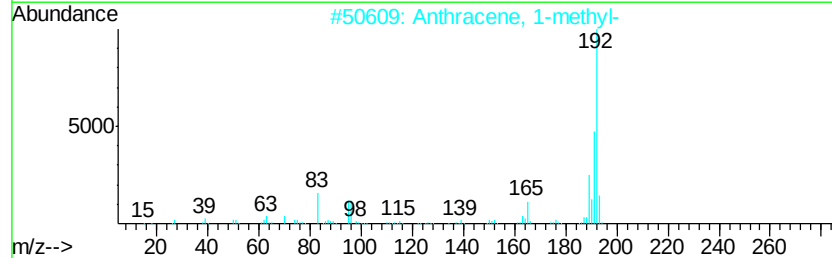
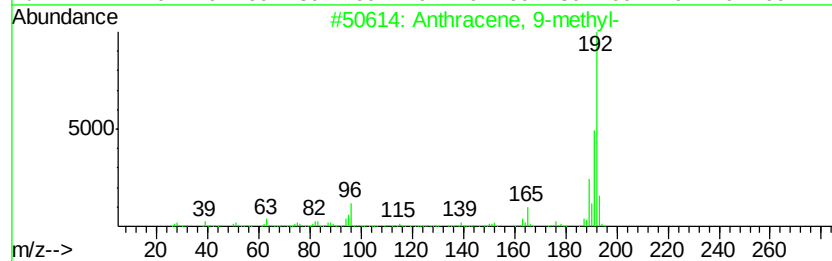
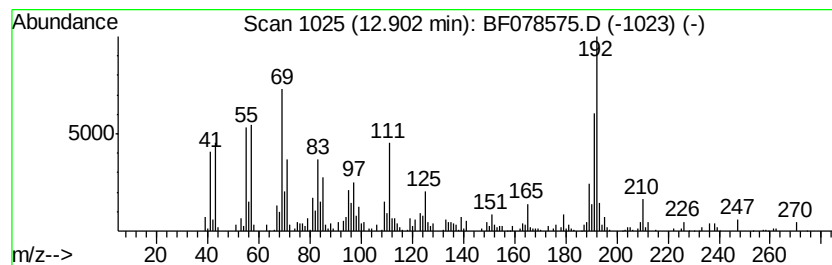
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 15 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.90	7.92 ng	174863	Phenanthrene-d10		12.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

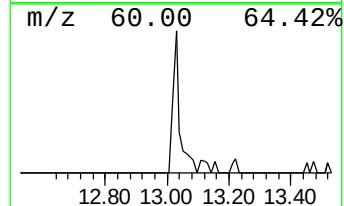
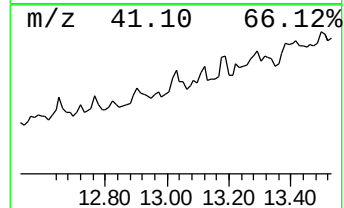
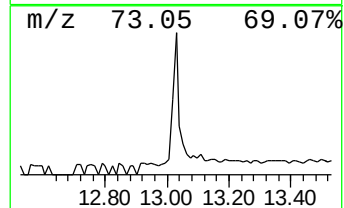
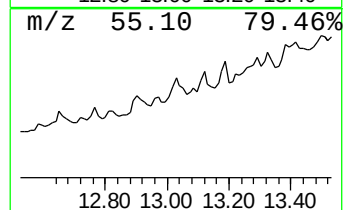
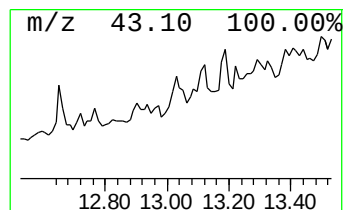
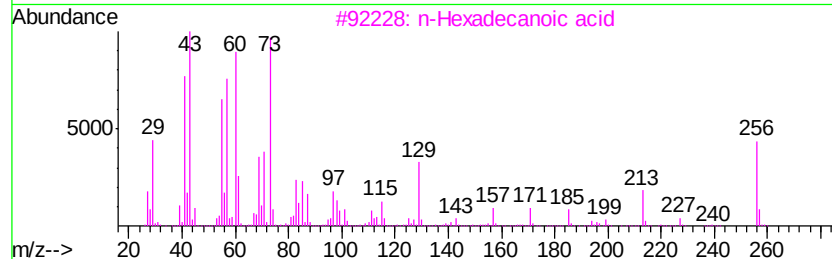
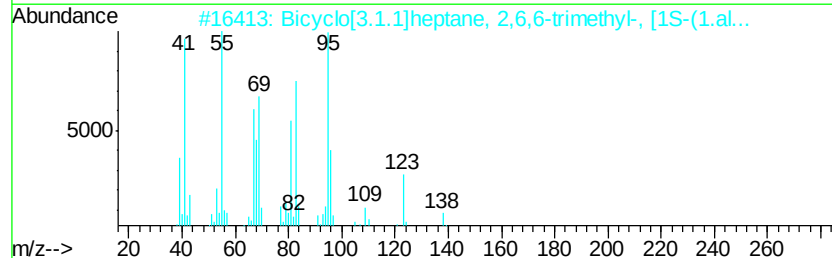
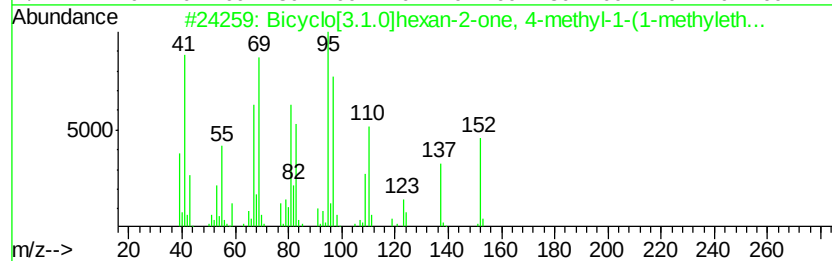
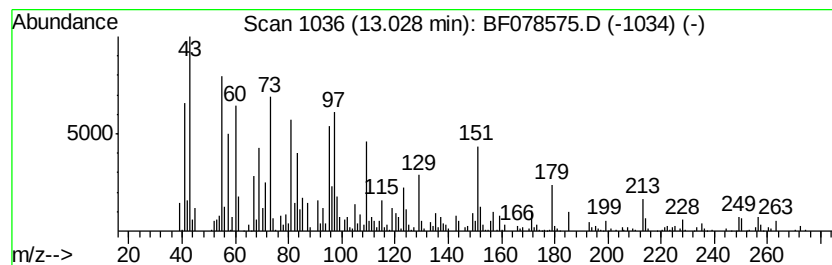
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	9.07 ng	200461	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	30
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	25
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	25
4		n-Decanoic acid	172	C10H20O2	000334-48-5	25
5		5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1000185-23-8	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

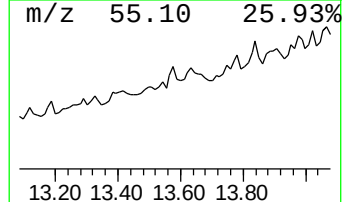
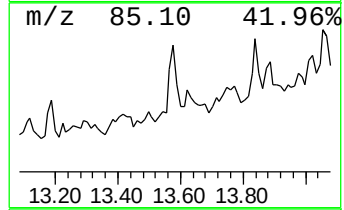
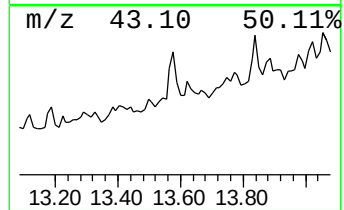
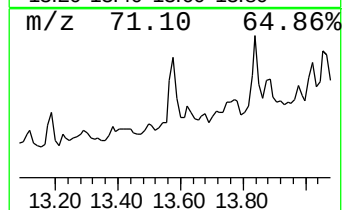
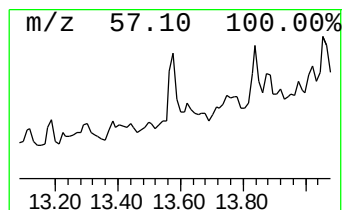
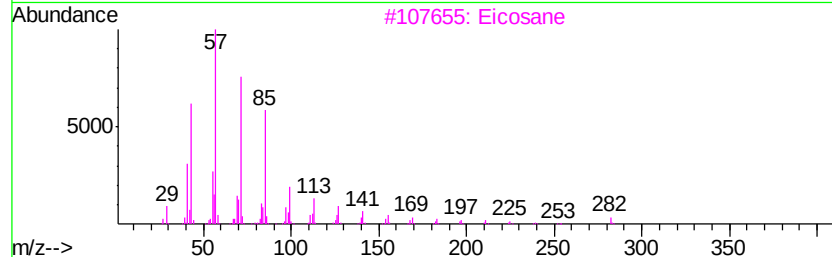
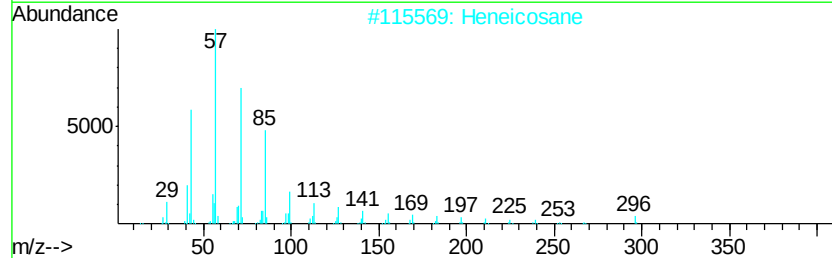
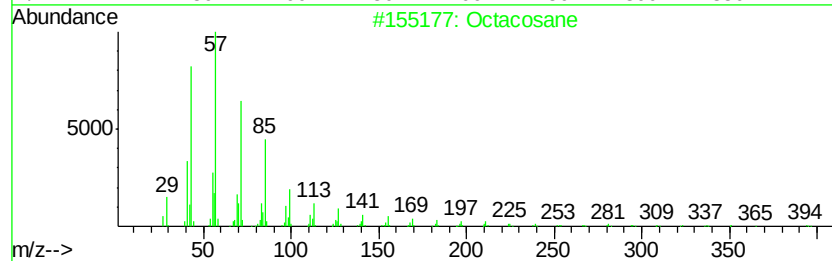
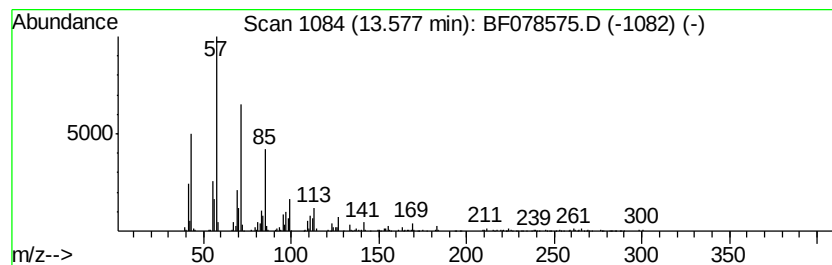
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	13.53 ng	299006	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

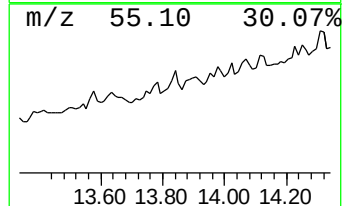
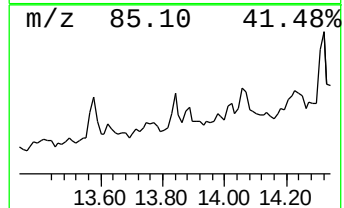
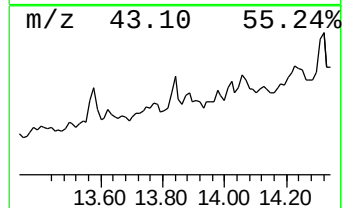
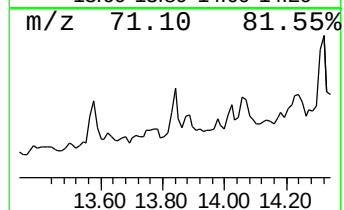
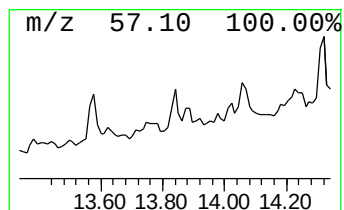
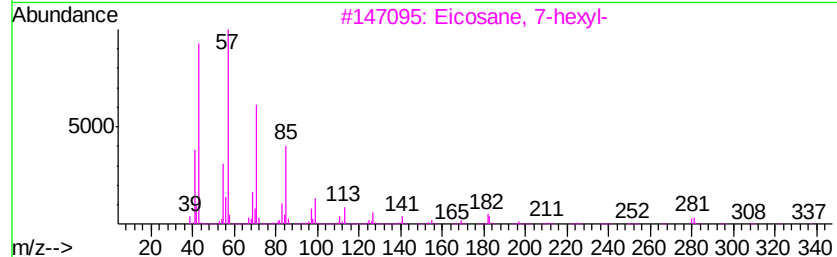
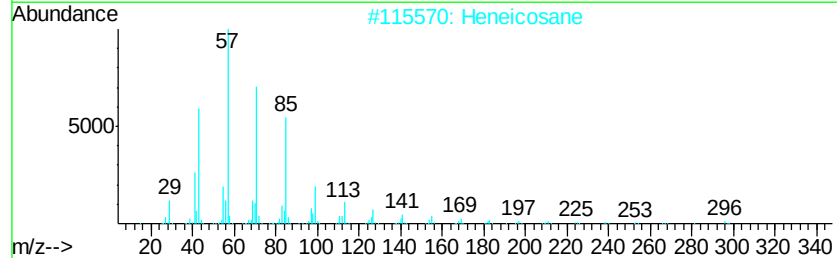
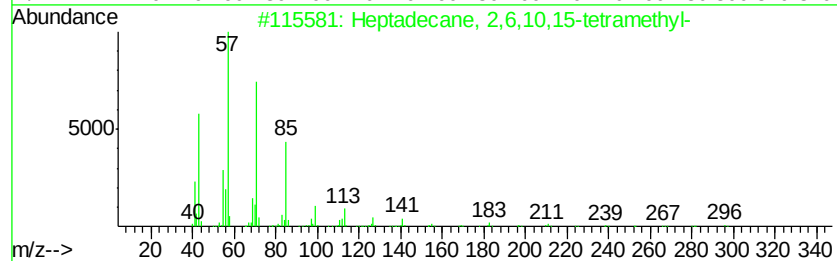
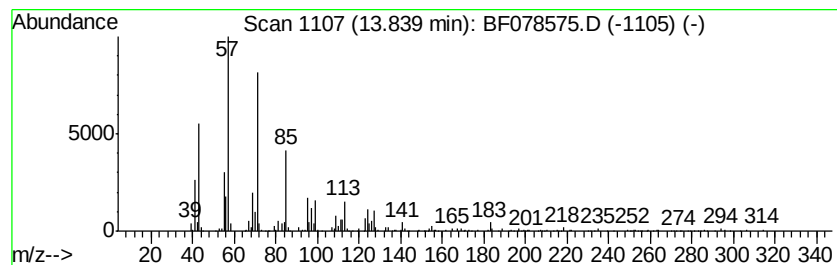
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	13.59 ng	300206	Phenanthrene-d10	12.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Decane, 2-methyl-	156	C11H24	006975-98-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

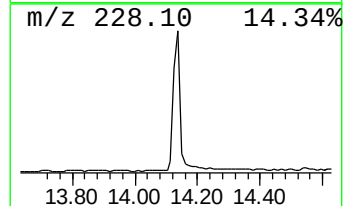
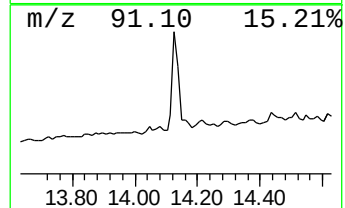
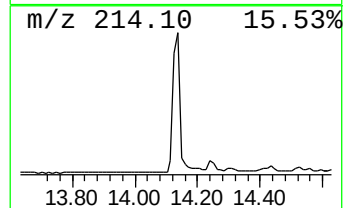
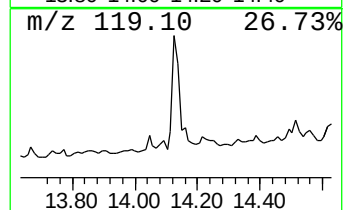
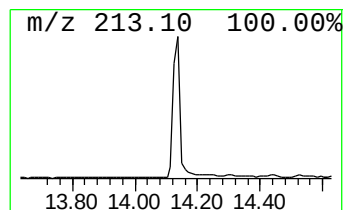
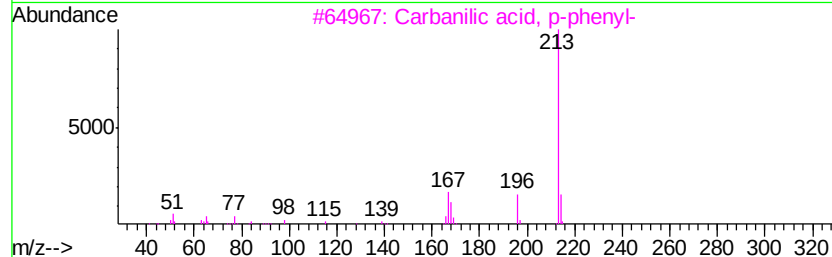
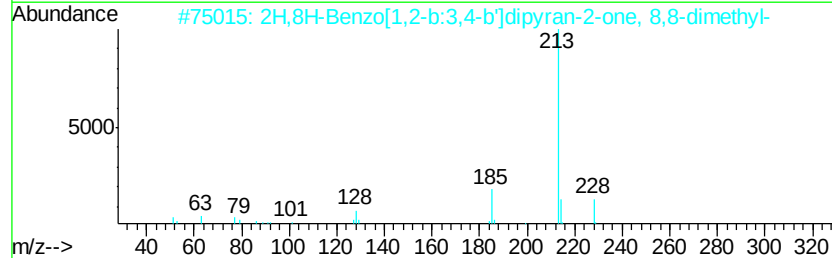
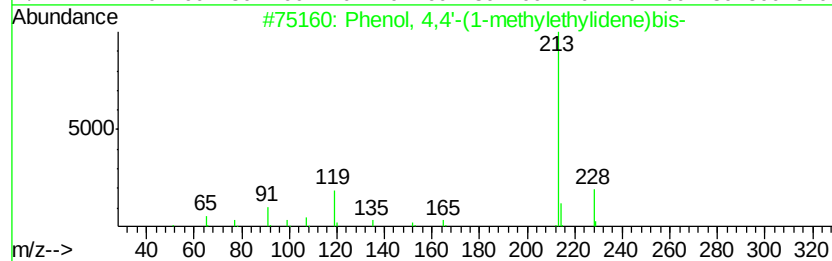
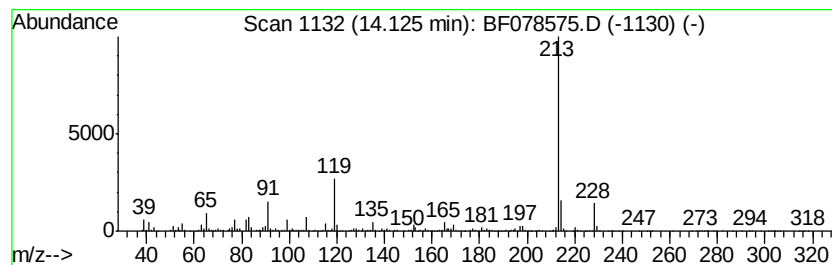
Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

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 19 2H,8H-Benzo[1,2-b:3,4-b']di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.13	35.94 ng	934876	Chrysene-d12	15.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97	
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53	
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49	
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	42	
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	42	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

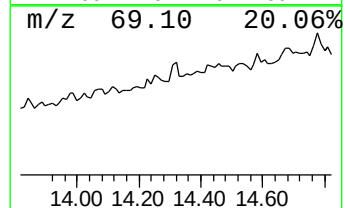
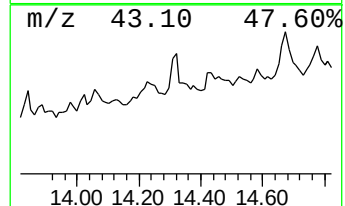
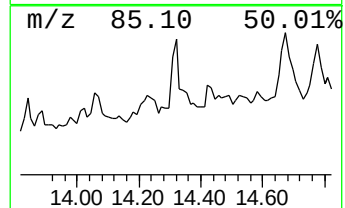
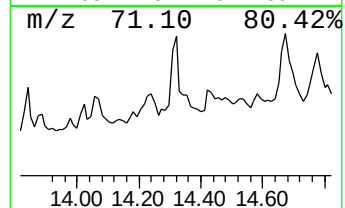
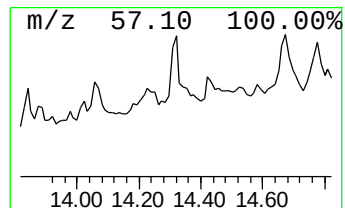
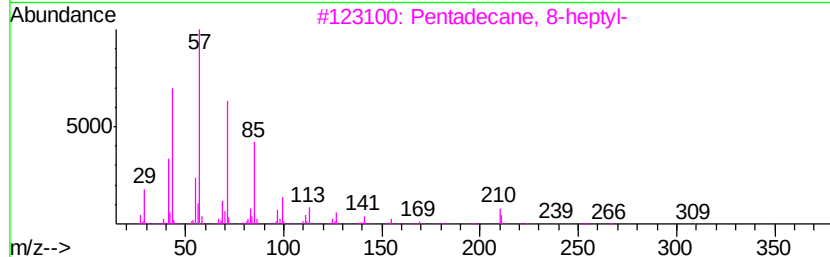
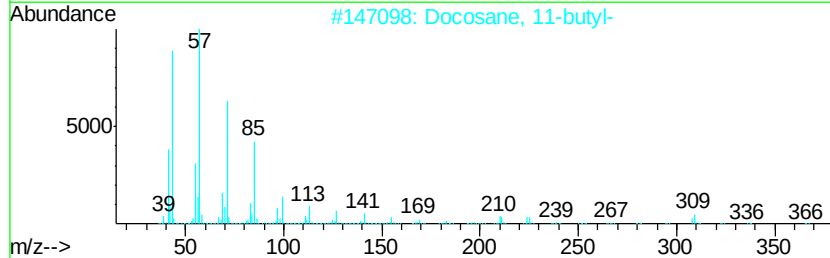
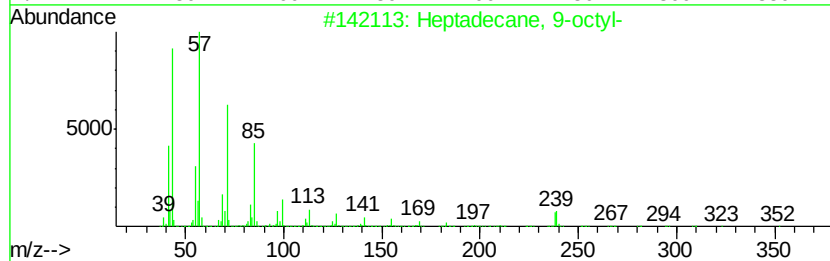
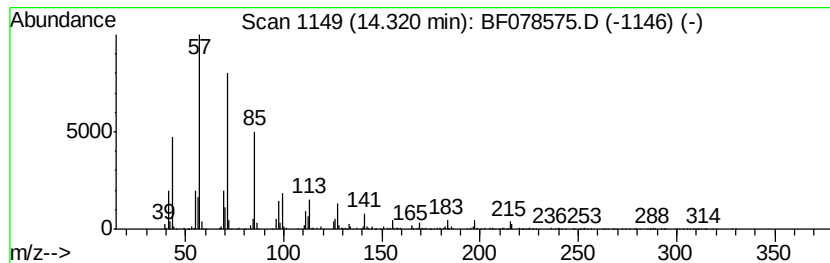
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	20.00 ng	520175	Chrysene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078575.D
 Acq On : 16 Apr 2015 19:49
 Operator : TP/IZ
 Sample : G1855-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12A(6-12)

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...	4.28	7.0 ng		48959	1	6.68	140076	20.0
unknown6.40	6.40	65.2 ng		456285	1	6.68	140076	20.0
unknown9.24	9.24	7.5 ng		77772	2	8.27	208708	20.0
unknown10.07	10.07	8.2 ng		111088	3	10.42	270961	20.0
2,5-Cyclohexadien...	10.24	9.5 ng		128525	3	10.42	270961	20.0
unknown10.32	10.32	10.4 ng		141617	3	10.42	270961	20.0
unknown10.83	10.83	5.6 ng		75278	3	10.42	270961	20.0
Phenol, 2,4,6-tri...	11.00	17.2 ng		232479	3	10.42	270961	20.0
Pentadecane, 2,6,...	11.31	6.6 ng		89679	3	10.42	270961	20.0
Hexadecane, 2,6,1...	11.65	5.7 ng		126128	4	12.24	441850	20.0
Phenol, 4-(1-meth...	12.56	9.9 ng		218829	4	12.24	441850	20.0
Anthracene, 9-met...	12.90	7.9 ng		174863	4	12.24	441850	20.0
unknown13.03	13.03	9.1 ng		200461	4	12.24	441850	20.0
Octacosane	13.58	13.5 ng		299006	4	12.24	441850	20.0
Heptadecane, 2,6,...	13.84	13.6 ng		300206	4	12.24	441850	20.0
2H,8H-Benzo[1,2-b...	14.13	35.9 ng		934876	5	15.52	520175	20.0
Heptadecane, 9-oc...	14.32	20.0 ng		520175	5	15.52	520175	20.0