

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078482.D
 Acq On : 14 Apr 2015 3:42
 Operator : TP/IZ
 Sample : G1841-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

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	1.518	27	29	35	rVB	39187	80464	1.66%	0.576%
2	1.610	35	37	83	rVB	2153993	4851089	100.00%	34.713%
3	5.084	339	341	346	rBV	139623	187124	3.86%	1.339%
4	6.422	456	458	466	rBV	234584	302515	6.24%	2.165%
5	6.536	466	468	471	rBV	210690	268550	5.54%	1.922%
6	6.822	491	493	496	rBV	169851	226362	4.67%	1.620%
7	7.016	507	510	512	rBV	140966	177993	3.67%	1.274%
8	7.530	553	555	557	rBV	176124	180230	3.72%	1.290%
9	8.399	629	631	634	rBV	286779	326567	6.73%	2.337%
10	9.748	747	749	752	rBV	503418	557490	11.49%	3.989%
11	10.559	818	820	822	rBV	419092	409216	8.44%	2.928%
12	11.462	897	899	901	rVB	56709	55642	1.15%	0.398%
13	11.531	903	905	908	rBV	356319	389397	8.03%	2.786%
14	12.377	977	979	981	rBV	297461	434054	8.95%	3.106%
15	13.039	1036	1037	1040	rVB	56367	55747	1.15%	0.399%
16	13.131	1044	1045	1047	rBV	45684	73860	1.52%	0.529%
17	13.382	1065	1067	1073	rVB2	29260	59069	1.22%	0.423%
18	13.691	1091	1094	1096	rBV	39570	54095	1.12%	0.387%
19	13.874	1107	1110	1112	rBV	401296	395120	8.14%	2.827%
20	14.148	1131	1134	1137	rVV	423500	465621	9.60%	3.332%
21	14.308	1145	1148	1151	rBV2	21097	53335	1.10%	0.382%
22	14.377	1151	1154	1156	rVB	638892	888588	18.32%	6.359%
23	14.434	1156	1159	1161	rBV2	35920	53254	1.10%	0.381%
24	14.560	1166	1170	1173	rVB2	36681	98563	2.03%	0.705%
25	14.685	1180	1181	1183	rBV2	42517	61553	1.27%	0.440%
26	15.188	1224	1225	1228	rVB	48310	53462	1.10%	0.383%
27	15.325	1234	1237	1239	rBV	49574	71886	1.48%	0.514%
28	15.360	1239	1240	1243	rVV2	37461	63716	1.31%	0.456%
29	15.451	1247	1248	1252	rVB	45837	54163	1.12%	0.388%
30	15.554	1255	1257	1260	rVV2	87329	153709	3.17%	1.100%
31	15.634	1260	1264	1266	rVV2	530651	888160	18.31%	6.355%
32	15.668	1266	1267	1269	rVV	216423	173758	3.58%	1.243%
33	15.966	1291	1293	1297	rVB4	24223	50337	1.04%	0.360%
34	16.126	1304	1307	1308	rBV	43078	62979	1.30%	0.451%

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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	16.868	1369	1372	1377	rBV	171992	391605	8.07%	2.802%
36	17.154	1395	1397	1400	rBV	127104	141213	2.91%	1.010%
37	17.211	1400	1402	1405	rBV	181631	199979	4.12%	1.431%
38	17.268	1405	1407	1409	rBV	352973	479578	9.89%	3.432%
39	17.474	1423	1425	1429	rVB4	20688	51011	1.05%	0.365%
40	18.217	1485	1490	1496	rVB6	25474	78712	1.62%	0.563%
41	18.469	1509	1512	1517	rVB2	74035	147458	3.04%	1.055%
42	18.800	1538	1541	1550	rVB	71554	140800	2.90%	1.008%
43	20.560	1691	1695	1702	rVB4	18160	66705	1.38%	0.477%

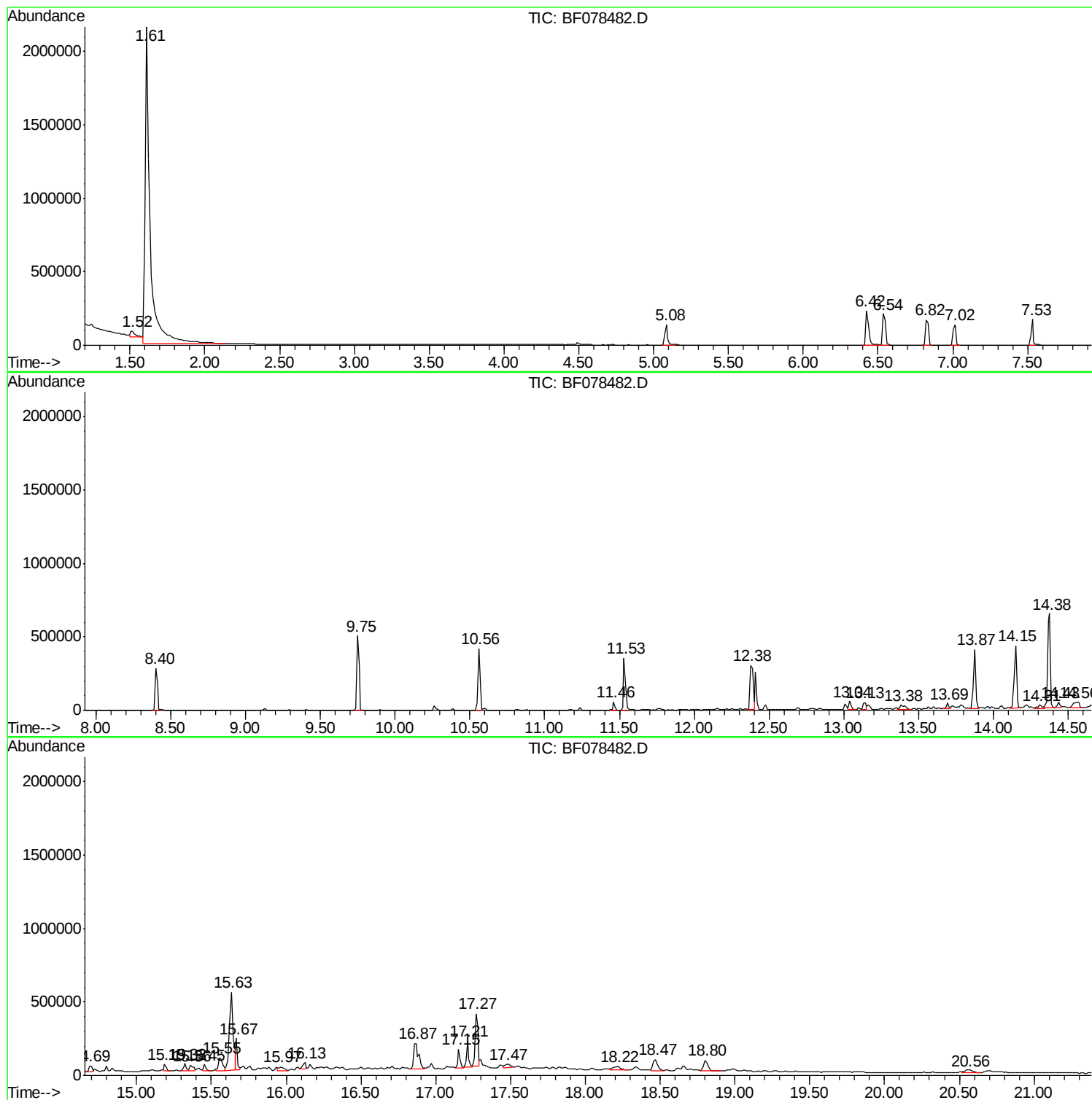
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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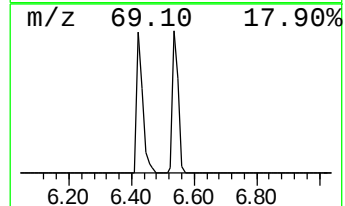
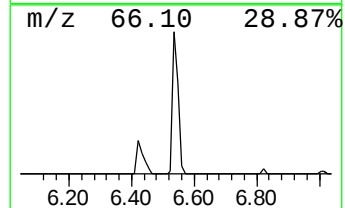
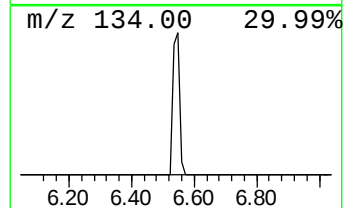
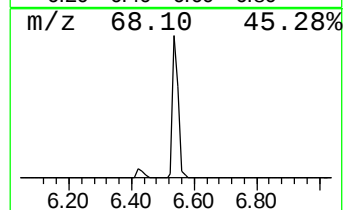
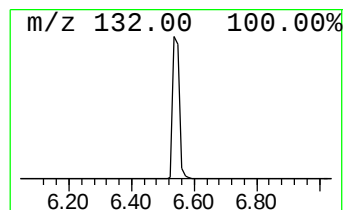
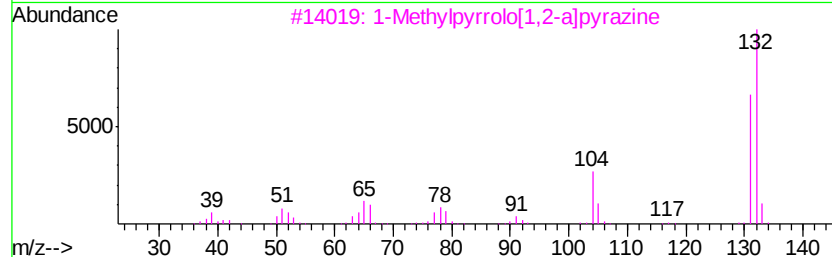
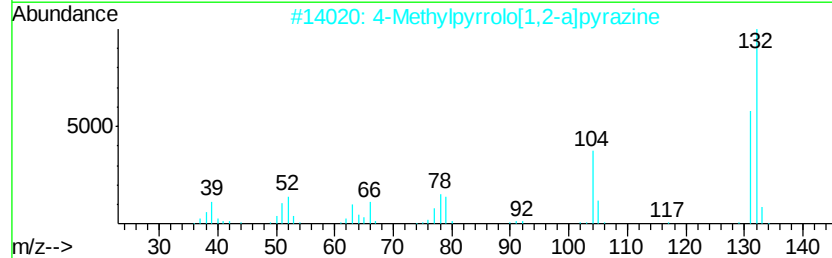
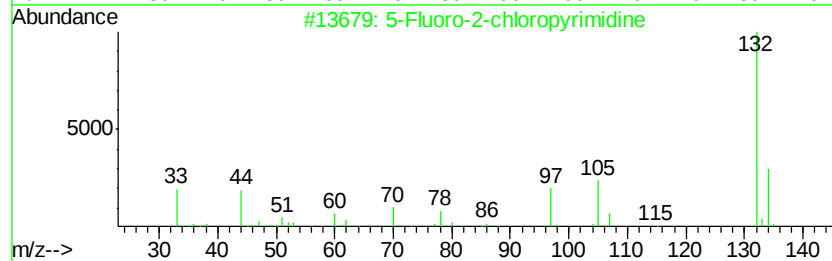
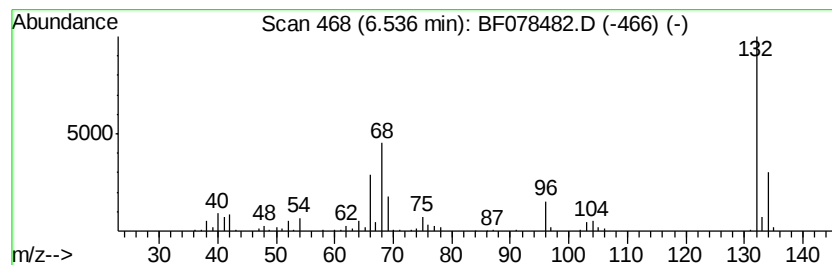
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	23.73 ng	268550	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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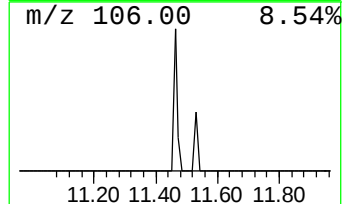
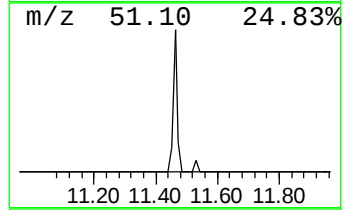
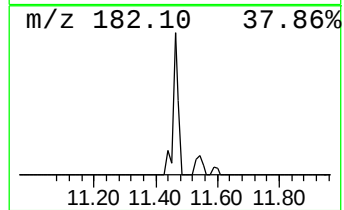
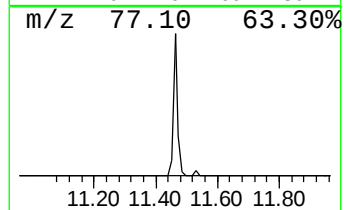
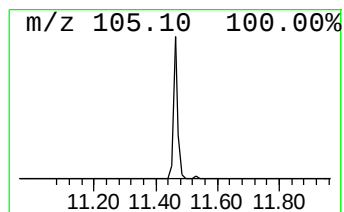
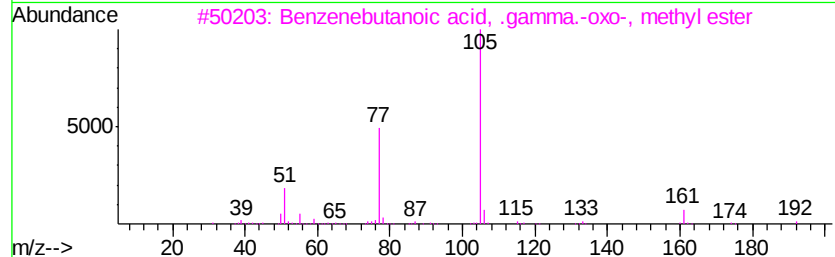
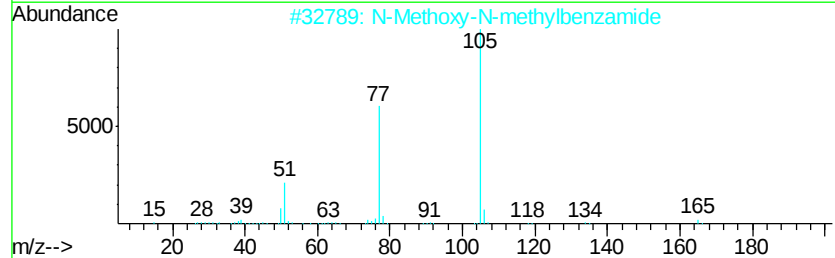
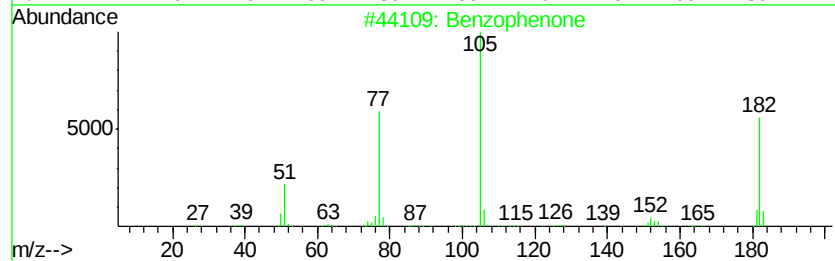
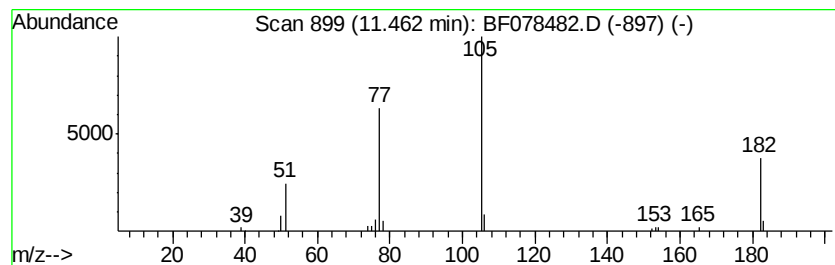
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Peak Number 5 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	2.72 ng	55642	Acenaphthene-d10	10.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	58
3	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	53
4	4-Acetylphenylbenzoate	240	C15H12O3	001523-18-8	53
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	53



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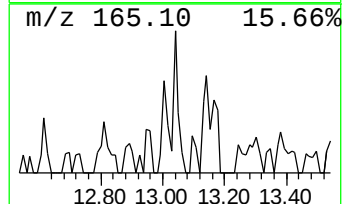
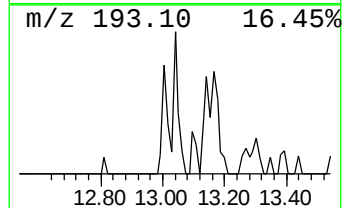
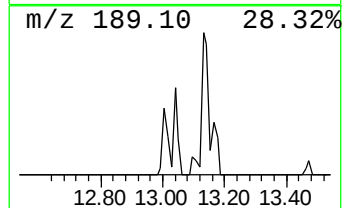
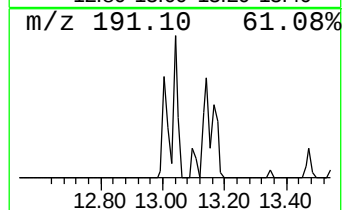
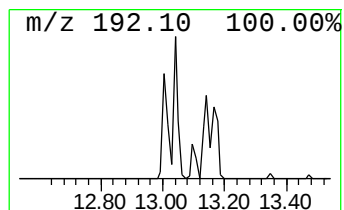
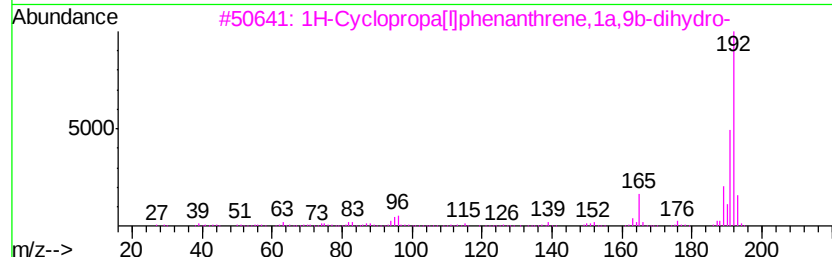
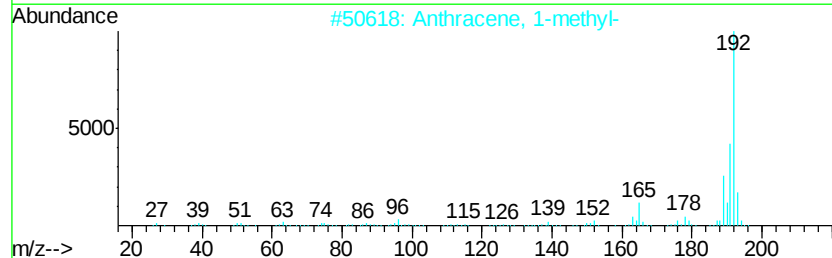
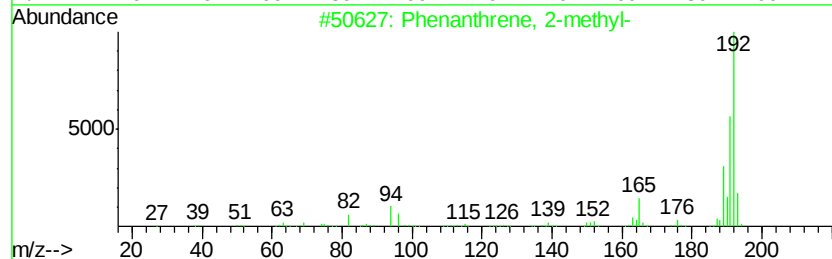
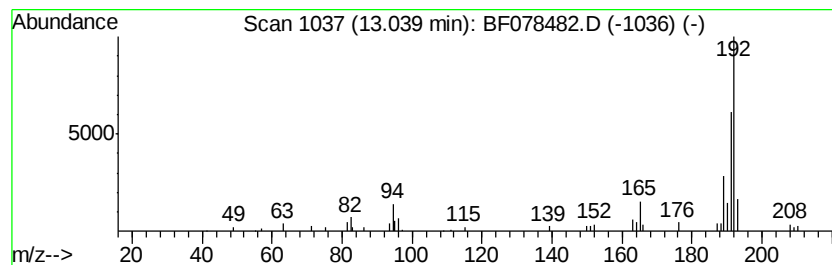
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	2.57 ng	55747	Phenanthrene-d10	12.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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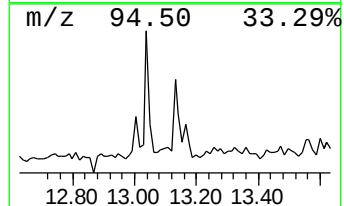
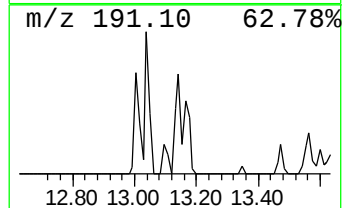
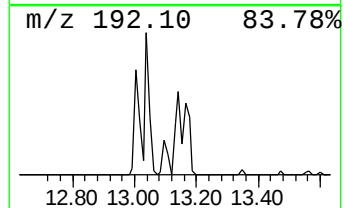
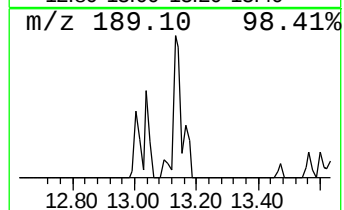
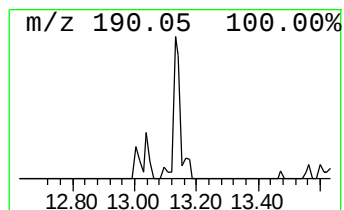
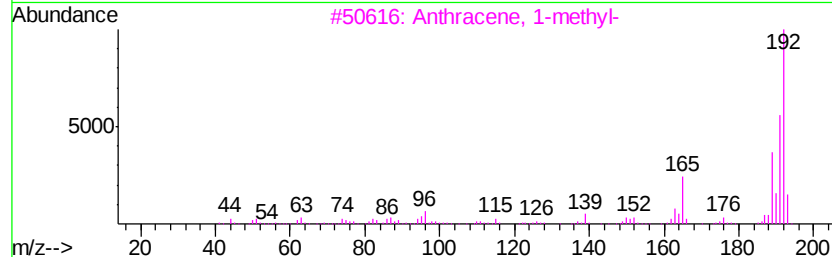
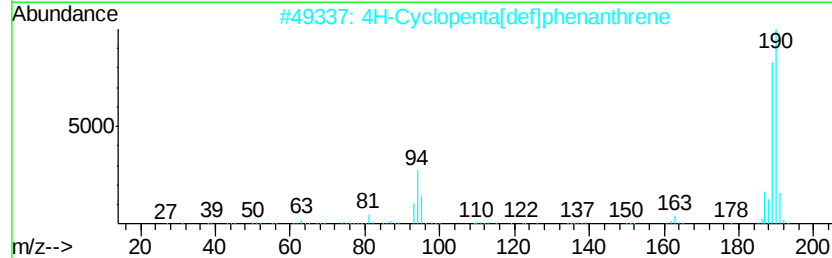
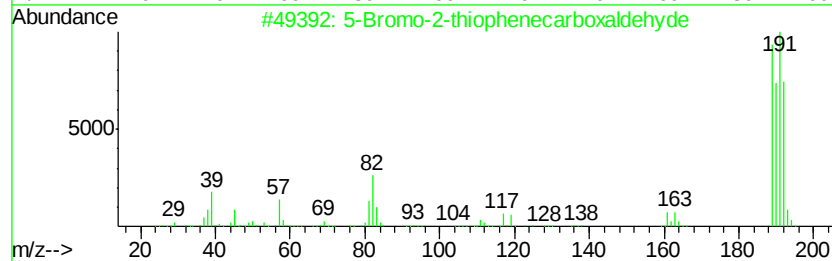
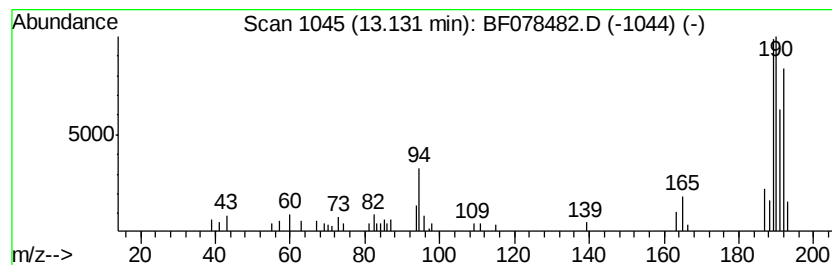
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5-Bromo-2-thiophenecarboxal... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.13	3.40 ng	73860	Phenanthrene-d10	12.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30



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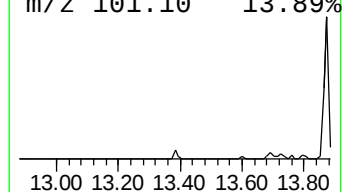
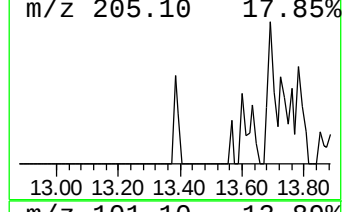
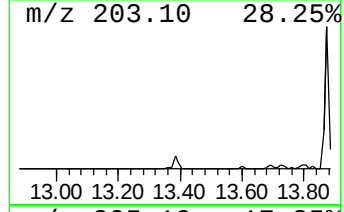
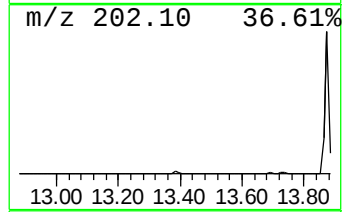
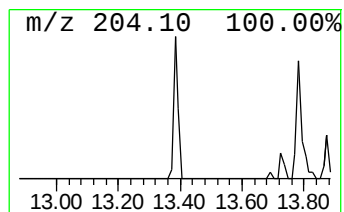
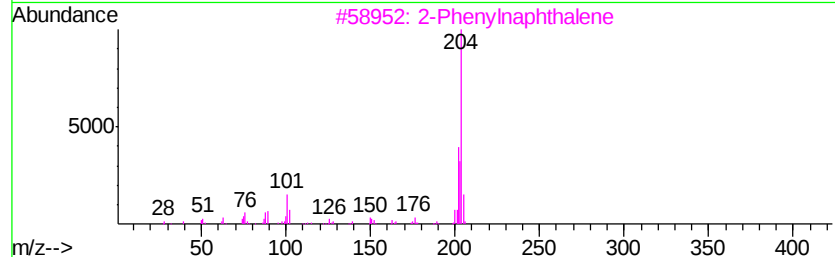
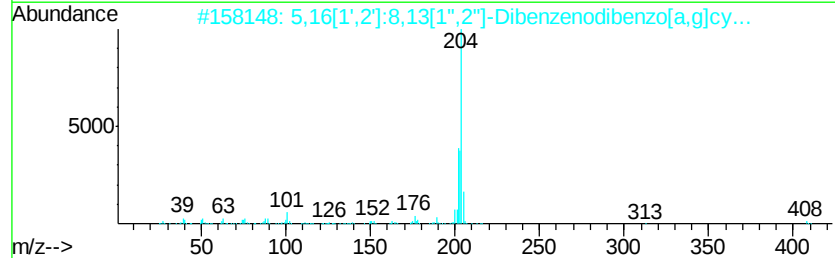
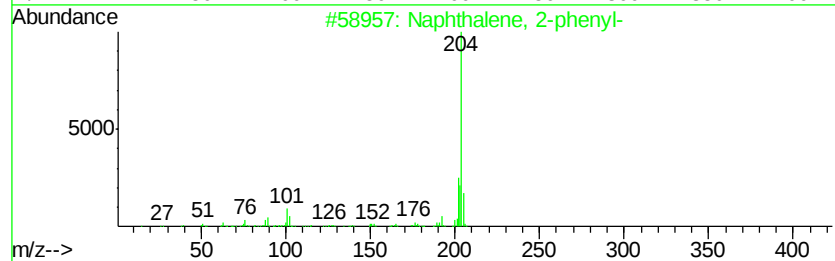
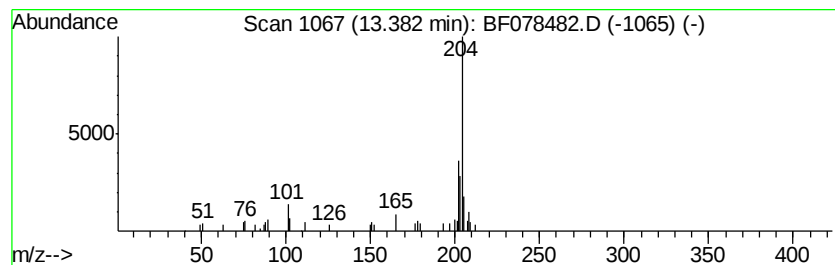
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Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.38	2.72 ng	59069	Phenanthrene-d10	12.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3		2-Phenylnaphthalene	204	C16H12	035465-71-5	62
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078482.D
Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

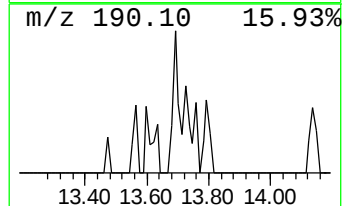
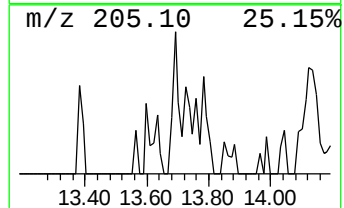
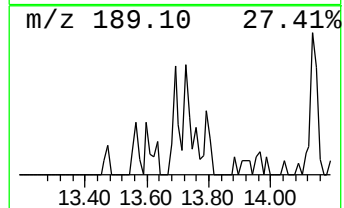
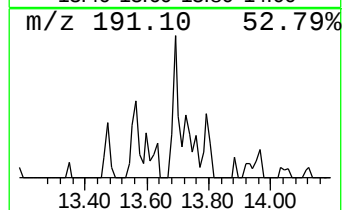
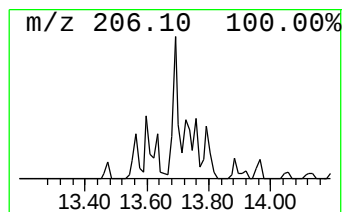
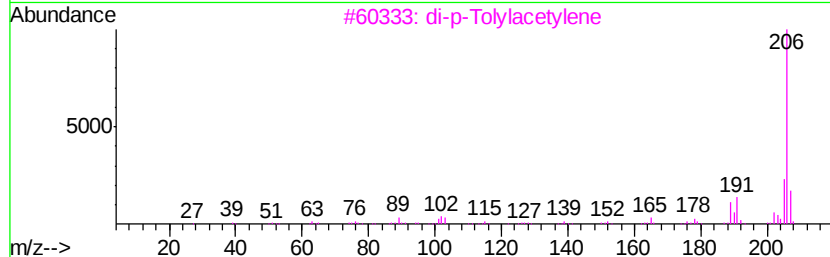
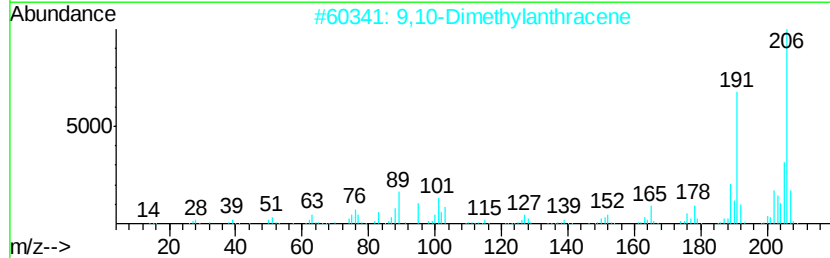
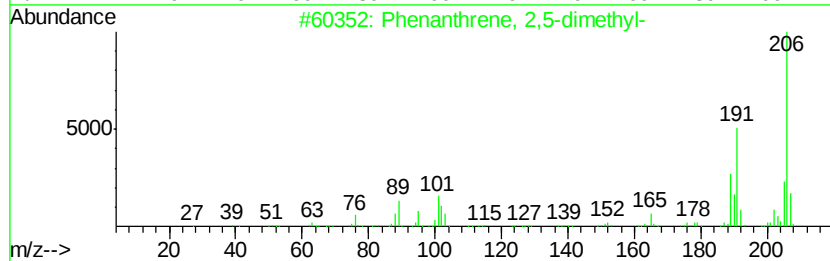
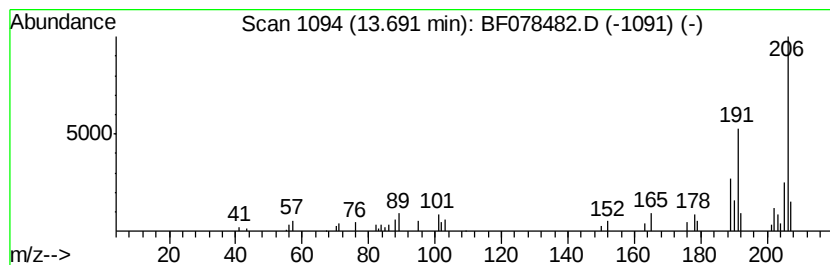
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.69	2.49 ng	54095	Phenanthrene-d10		12.39		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078482.D
Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

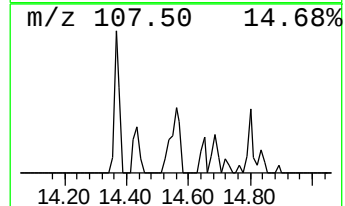
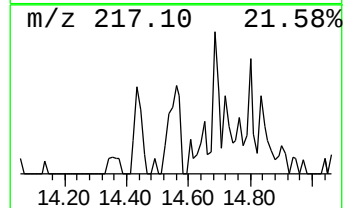
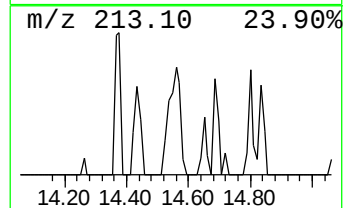
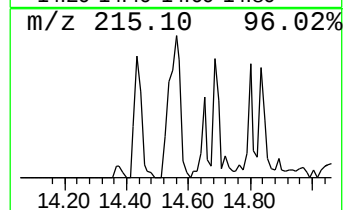
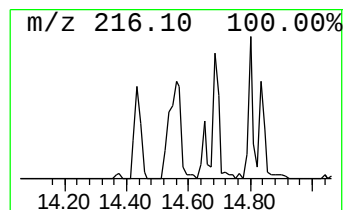
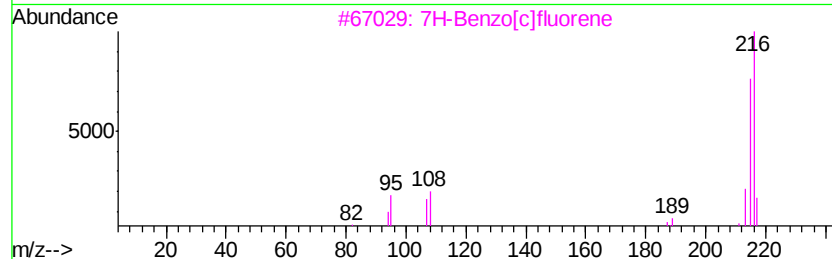
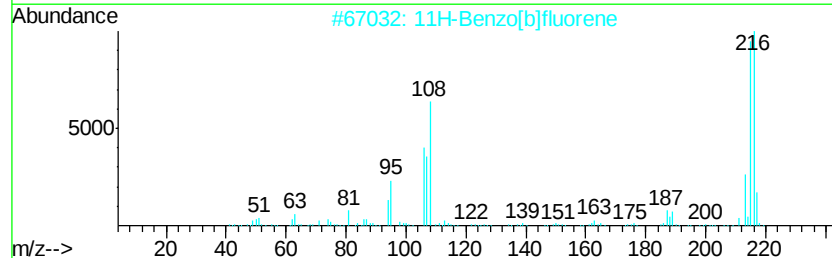
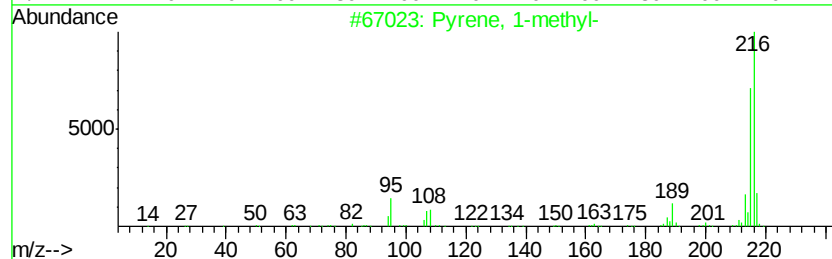
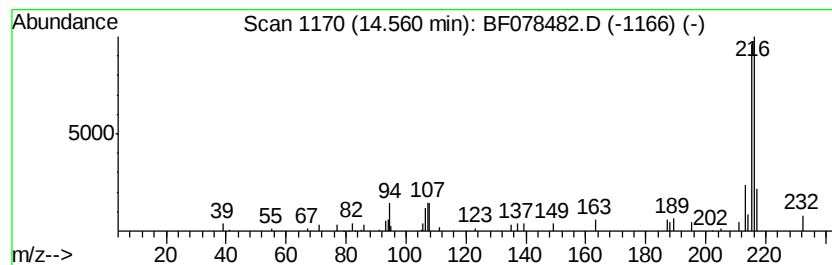
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.22 ng	98563	Chrysene-d12	15.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 81
3		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 76
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 68
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
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Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

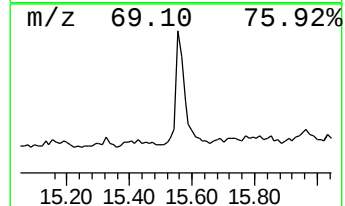
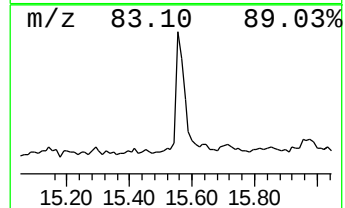
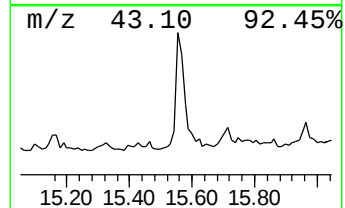
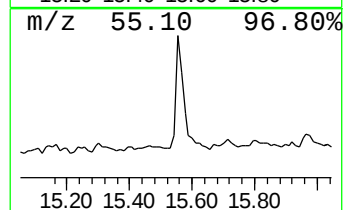
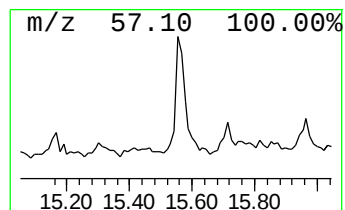
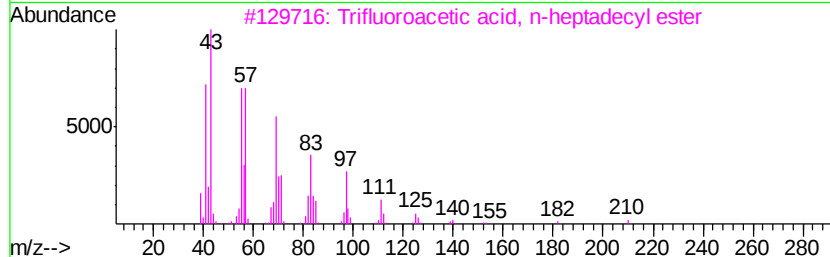
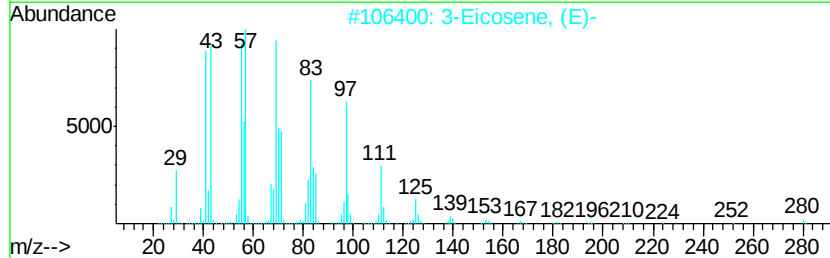
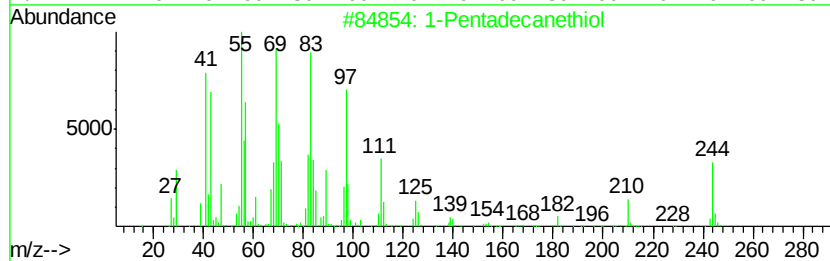
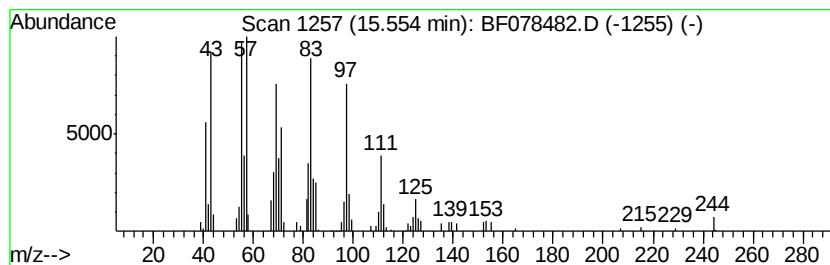
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Pentadecanethiol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.46 ng	153709	Chrysene-d12	15.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Pentadecanethiol	244 C15H32S	025276-70-4 91
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
3		Trifluoroacetic acid, n-heptadec...	324 C17H31F3O2	1000216-79-2 91
4		1-Nonadecene	266 C19H38	018435-45-5 91
5		1-Hexadecanol	242 C16H34O	036653-82-4 90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078482.D
Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

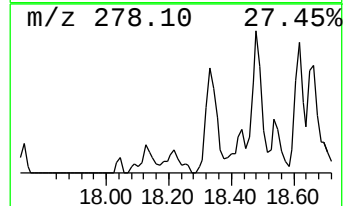
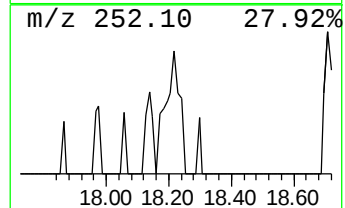
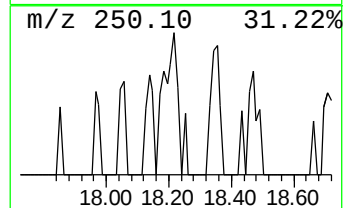
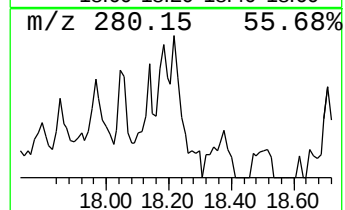
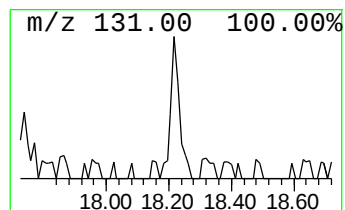
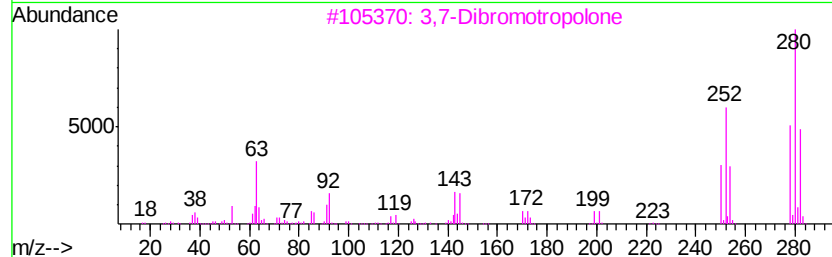
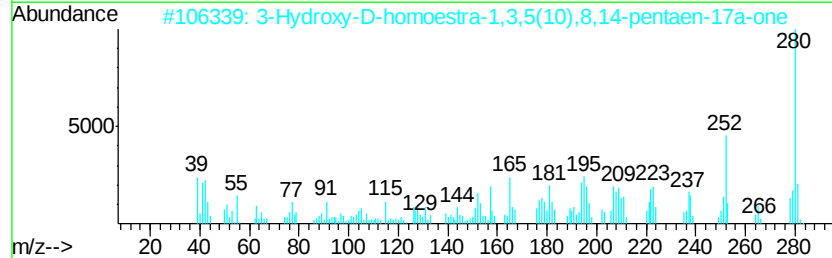
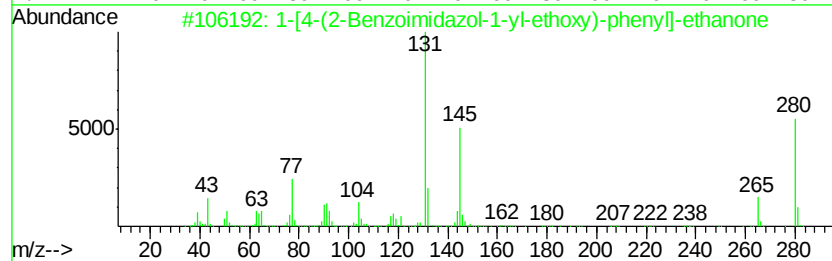
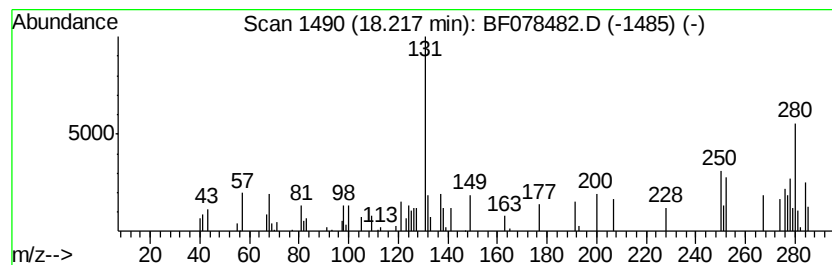
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.28 ng	78712	Perylene-d12	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-[4-(2-Benzoimidazol-1-yl-ethox...	280	C17H16N2O2	347341-82-6	38
2		3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6	18
3		3,7-Dibromotropolone	278	C7H4Br2O2	004636-41-3	12
4		Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	11
5		Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	11



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Misc :
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Instrument :
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ClientSampleId :
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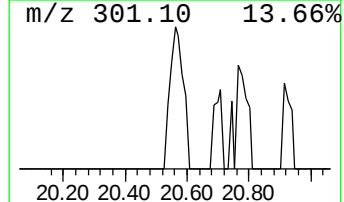
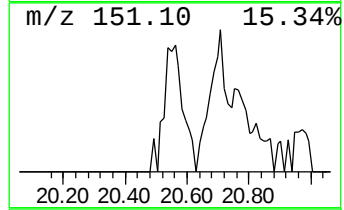
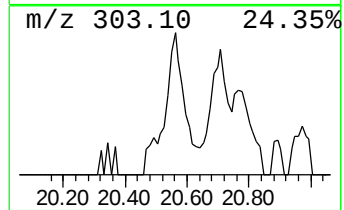
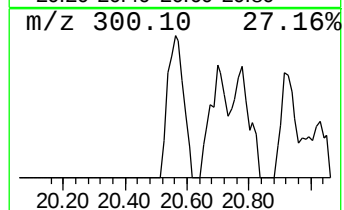
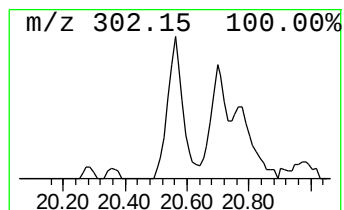
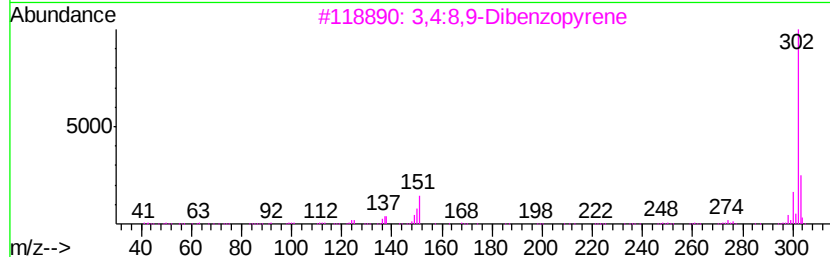
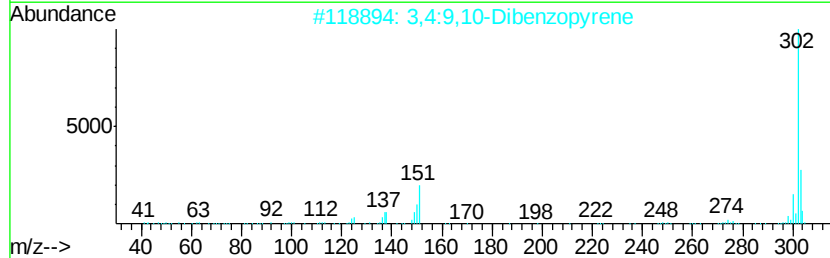
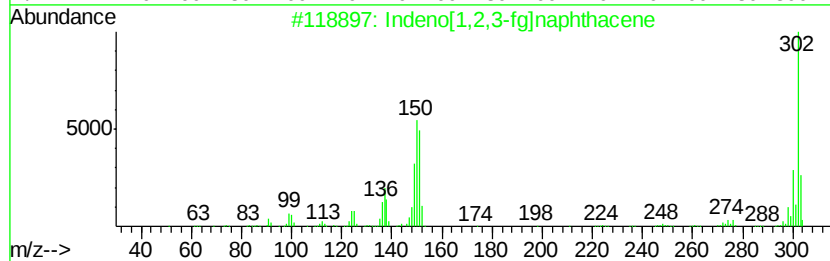
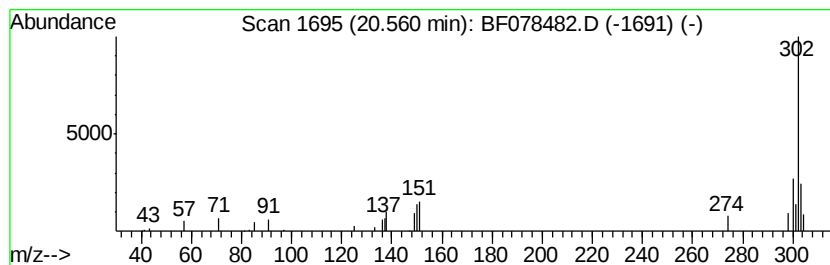
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Indeno[1,2,3-fg]naphthacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.78 ng	66705	Perylene-d12	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	74
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	74
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	72
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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Benzophenone	11.46	2.7	ng	55642	3	10.56	409216	20.0
Phenanthrene, 2-m...	13.04	2.6	ng	55747	4	12.39	434054	20.0
5-Bromo-2-thiophe...	13.13	3.4	ng	73860	4	12.39	434054	20.0
Naphthalene, 2-ph...	13.38	2.7	ng	59069	4	12.39	434054	20.0
Phenanthrene, 2,5...	13.69	2.5	ng	54095	4	12.39	434054	20.0
Pyrene, 1-methyl-	14.56	2.2	ng	98563	5	15.63	888160	20.0
1-Pentadecanethiol	15.55	3.5	ng	153709	5	15.63	888160	20.0
unknown18.22	18.22	3.3	ng	78712	6	17.27	479578	20.0
Indeno[1,2,3-fg]n...	20.56	2.8	ng	66705	6	17.27	479578	20.0