

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078553.D
 Acq On : 15 Apr 2015 23:45
 Operator : TP/IZ
 Sample : G1855-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

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	1.461	23	24	30	rVB	10857	16366	1.63%	0.315%
2	1.541	30	31	46	rVB	504759	1000993	100.00%	19.243%
3	4.947	327	329	337	rVB	72618	103888	10.38%	1.997%
4	6.319	447	449	456	rBV	96739	113770	11.37%	2.187%
5	6.422	456	458	461	rVV	114760	118471	11.84%	2.277%
6	6.707	481	483	486	rVB	208997	197467	19.73%	3.796%
7	6.890	497	499	502	rBV	92024	92014	9.19%	1.769%
8	7.416	542	545	547	rBV	70506	70046	7.00%	1.347%
9	8.285	619	621	623	rBV	210241	281693	28.14%	5.415%
10	8.319	623	624	628	rVB	15339	19156	1.91%	0.368%
11	8.411	630	632	633	rBV	11819	15424	1.54%	0.297%
12	8.719	657	659	662	rBV	46744	55993	5.59%	1.076%
13	9.176	697	699	701	rBV	18636	21729	2.17%	0.418%
14	9.268	704	707	708	rBV	16856	18088	1.81%	0.348%
15	9.645	737	740	742	rVB	143308	150776	15.06%	2.898%
16	9.793	751	753	757	rVB2	13172	15559	1.55%	0.299%
17	9.873	757	760	764	rVB	12092	16637	1.66%	0.320%
18	10.159	781	785	786	rBV	12052	20225	2.02%	0.389%
19	10.274	793	795	798	rBV	63178	68981	6.89%	1.326%
20	10.445	808	810	813	rBV	332455	342888	34.25%	6.592%
21	11.005	857	859	863	rBV3	7169	16180	1.62%	0.311%
22	11.336	885	888	891	rVB5	8684	20222	2.02%	0.389%
23	11.417	893	895	899	rVV2	74620	94134	9.40%	1.810%
24	11.577	907	909	913	rBV3	14576	26878	2.69%	0.517%
25	11.657	913	916	919	rBV2	16979	37032	3.70%	0.712%
26	11.794	926	928	931	rBV4	9472	19115	1.91%	0.367%
27	11.977	942	944	946	rBV2	15490	19641	1.96%	0.378%
28	12.034	947	949	952	rVB2	13709	19875	1.99%	0.382%
29	12.114	953	956	957	rBV3	9926	20083	2.01%	0.386%
30	12.205	962	964	967	rBV4	9325	20029	2.00%	0.385%
31	12.262	967	969	971	rBV	239577	360252	35.99%	6.925%
32	12.365	975	978	979	rVV	57976	77239	7.72%	1.485%
33	12.434	979	984	985	rBV2	12070	24464	2.44%	0.470%
34	12.582	994	997	998	rBV	28541	45671	4.56%	0.878%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.891	1022	1024	1026	rBV	23312	38409	3.84%	0.738%
36	12.925	1026	1027	1031	rVV2	38150	61070	6.10%	1.174%
37	13.051	1034	1038	1041	rVV3	49881	144190	14.40%	2.772%
38	13.291	1057	1059	1063	rVB2	35283	39747	3.97%	0.764%
39	13.760	1097	1100	1102	rBV	250303	262755	26.25%	5.051%
40	14.034	1121	1124	1126	rBV	234234	254754	25.45%	4.897%
41	14.148	1132	1134	1136	rBV	203895	237142	23.69%	4.559%
42	14.262	1142	1144	1146	rBV	152636	150253	15.01%	2.888%
43	15.531	1252	1255	1256	rBV2	307007	472637	47.22%	9.086%

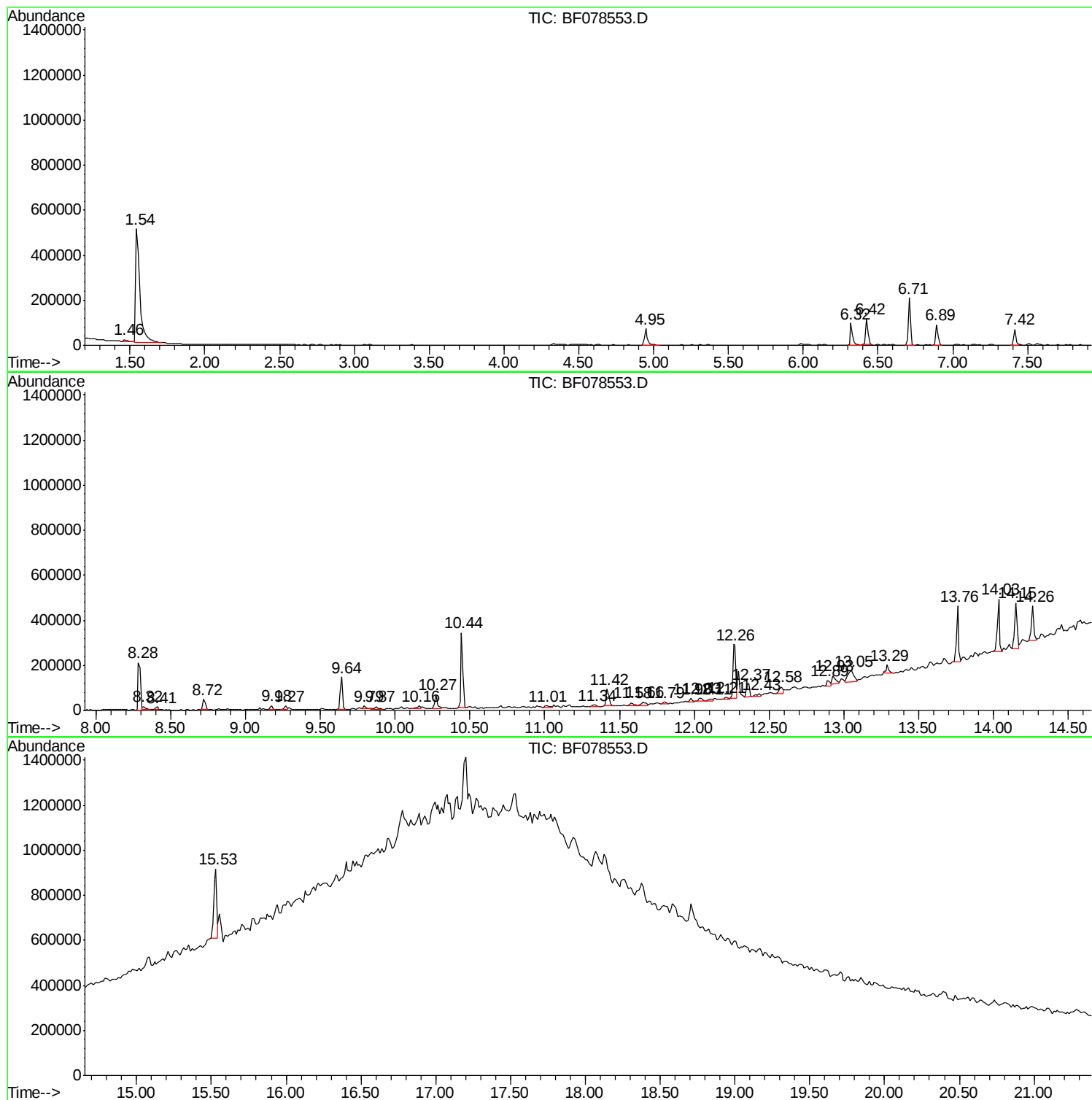
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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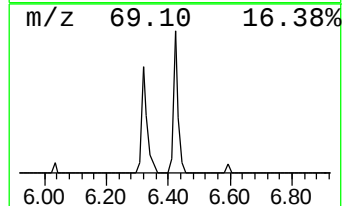
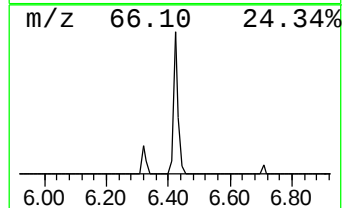
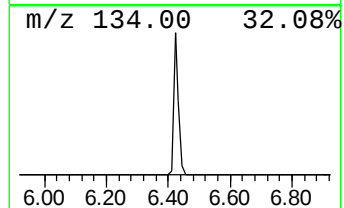
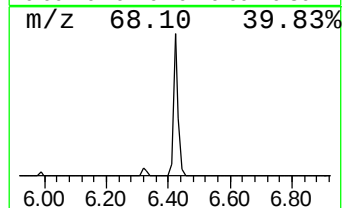
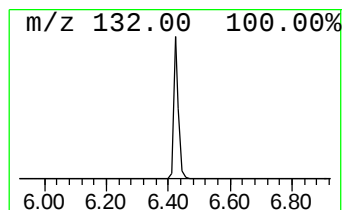
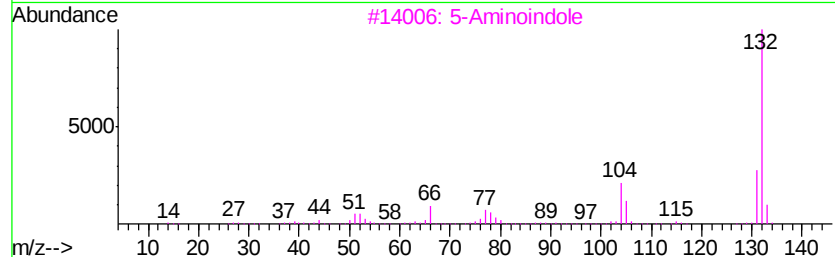
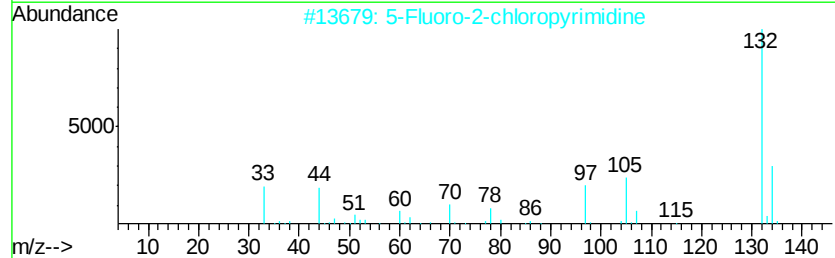
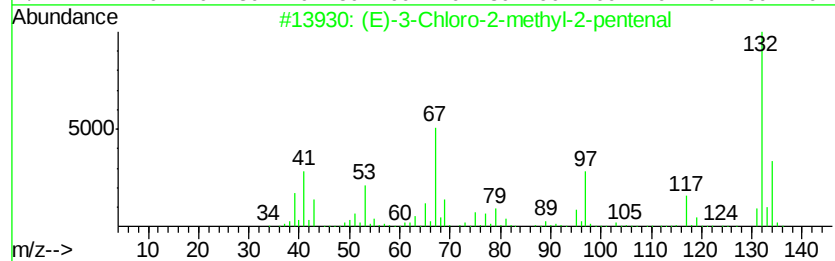
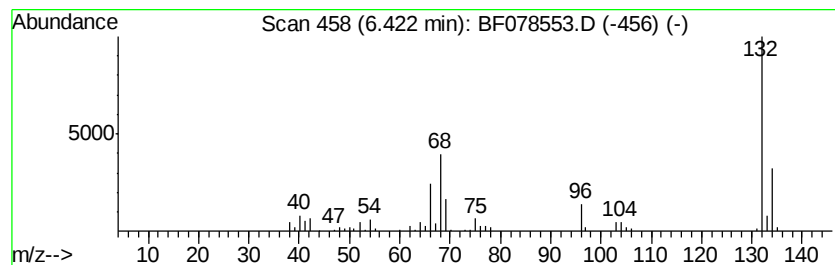
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	12.00 ng	118471	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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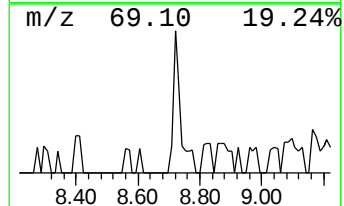
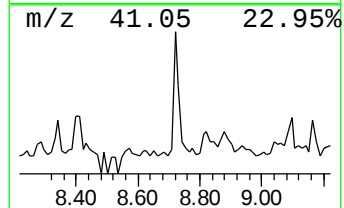
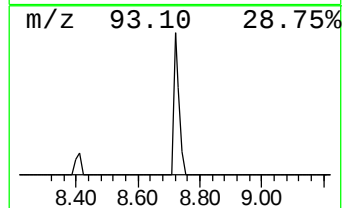
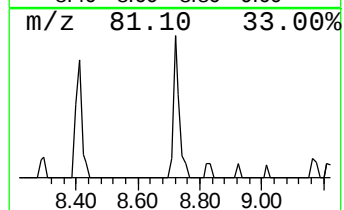
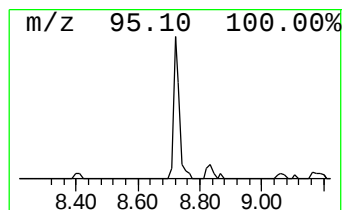
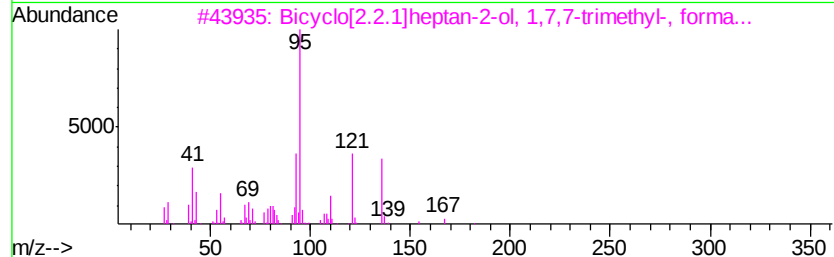
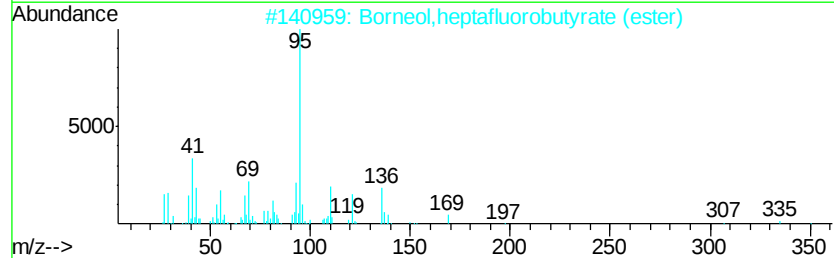
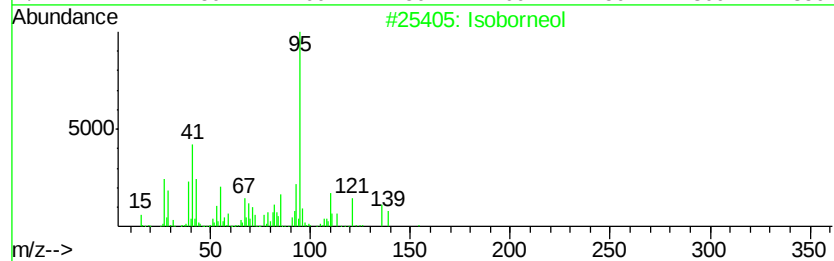
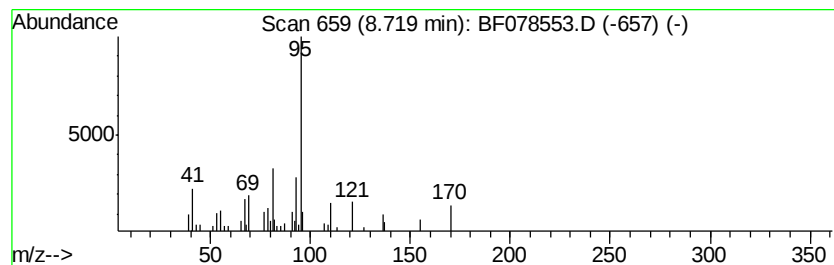
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Peak Number 4 Isoborneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.98 ng	55993	Napthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoborneol	154	C10H18O	000124-76-5	72
2		Borneol,heptafluorobutyrate (ester)	350	C14H17F7O2	1000245-88-4	59
3		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	59
4		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	50
5		Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	50



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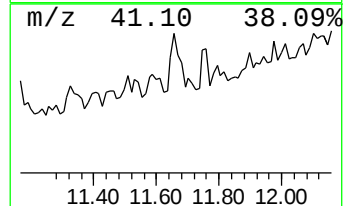
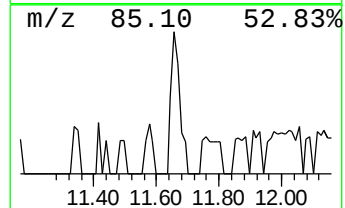
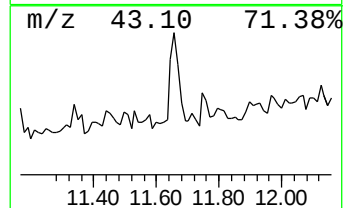
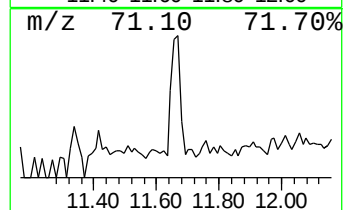
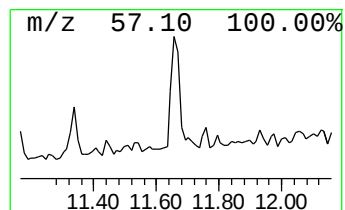
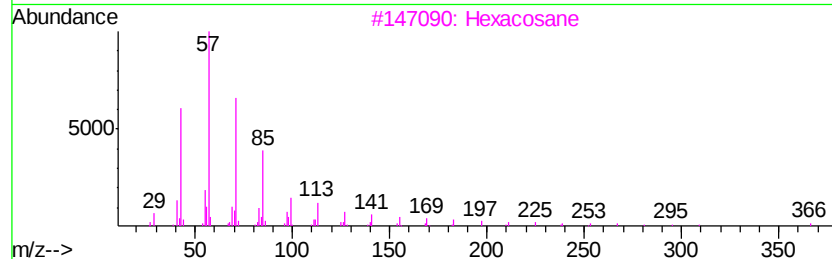
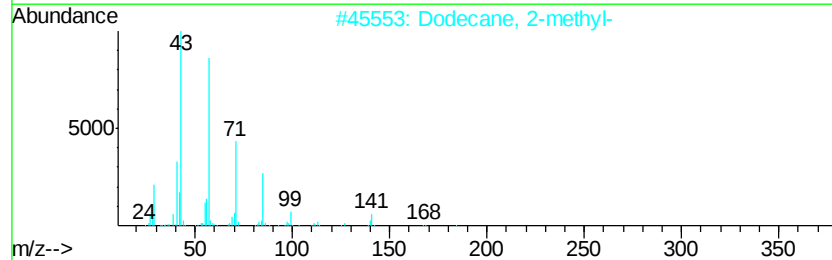
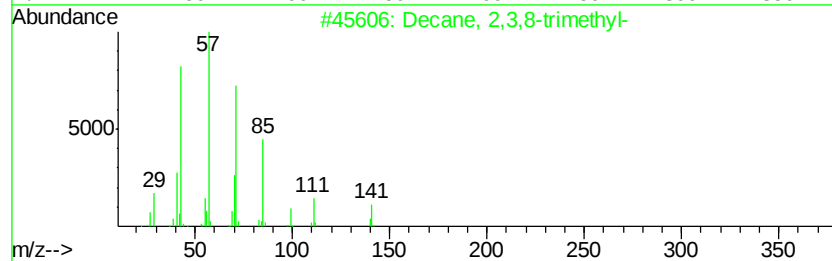
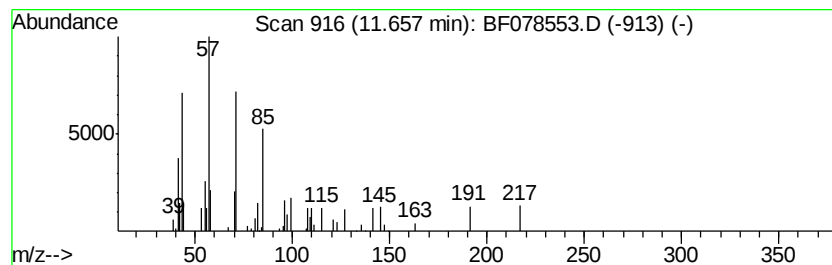
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2,3,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.06 ng	37032	Phenanthrene-d10	12.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	50
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	50
3	Hexacosane		366	C26H54	000630-01-3	50
4	Tetracosane		338	C24H50	000646-31-1	50
5	Heneicosane		296	C21H44	000629-94-7	50



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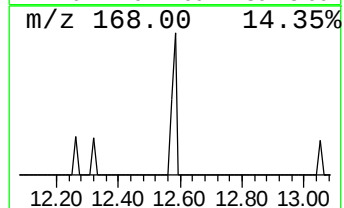
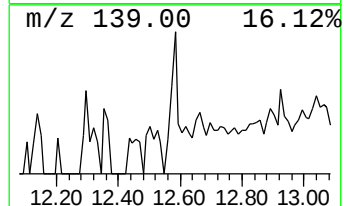
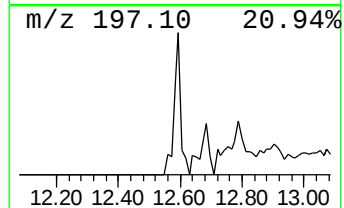
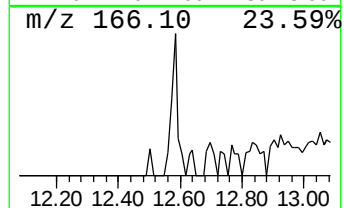
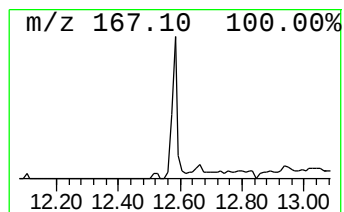
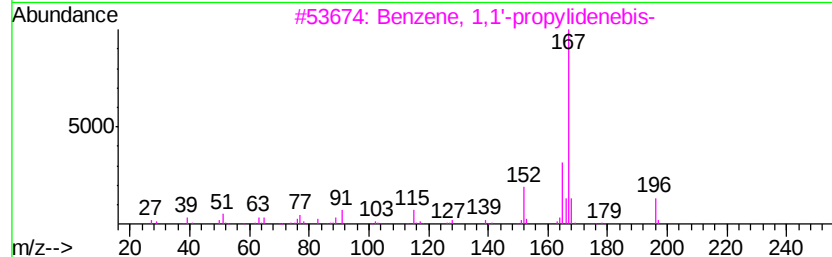
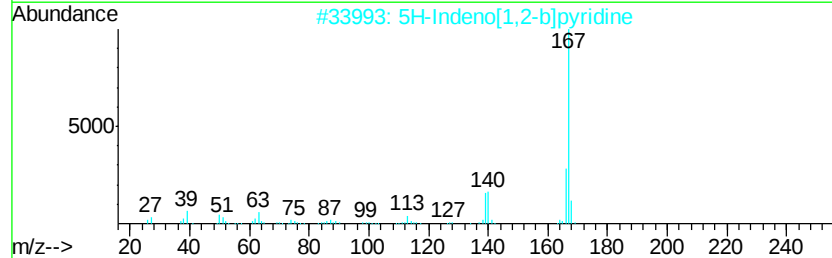
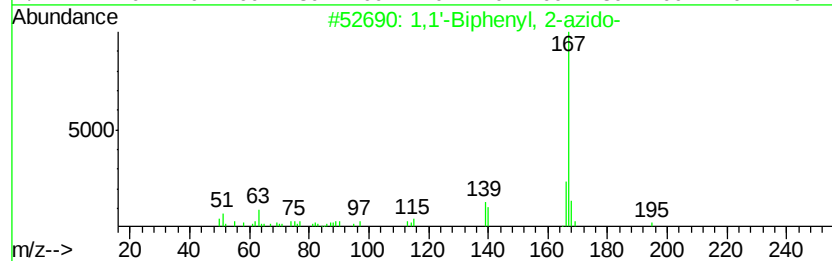
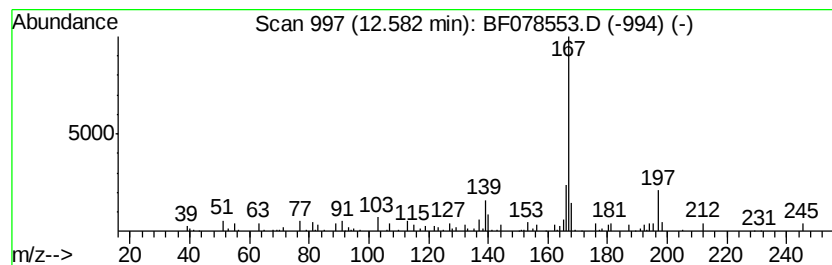
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2-azido- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.58	2.54 ng	45671	Phenanthrene-d10		12.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	58
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	52
3	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	50
4	Carbazole	167	C12H9N	000086-74-8	50
5	5-Fluoro-2-methylphenyl isothioc...	167	C8H6FNS	175205-39-7	50



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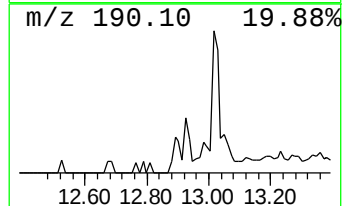
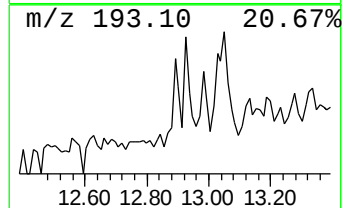
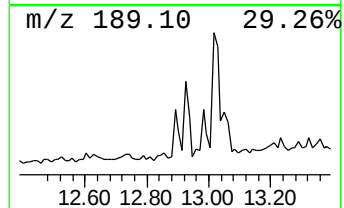
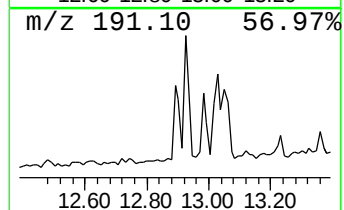
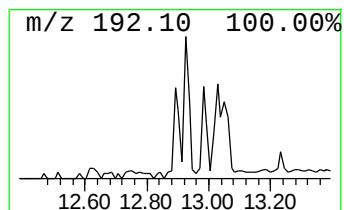
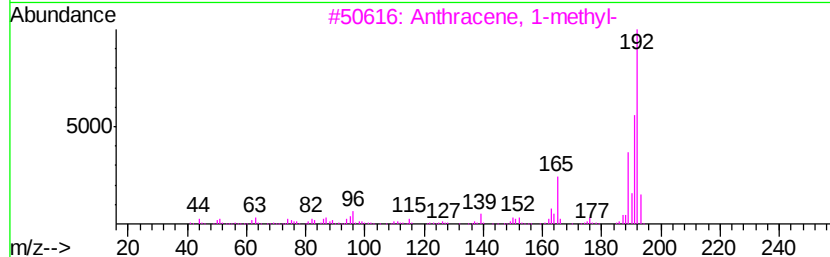
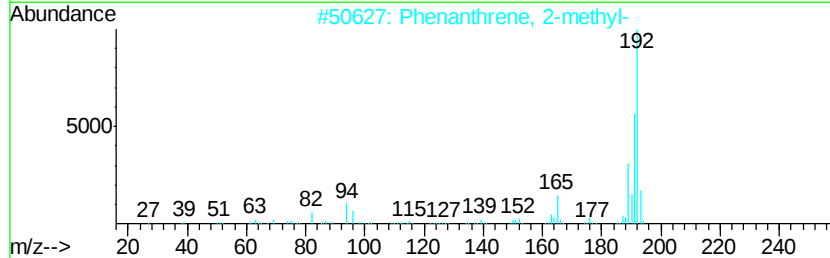
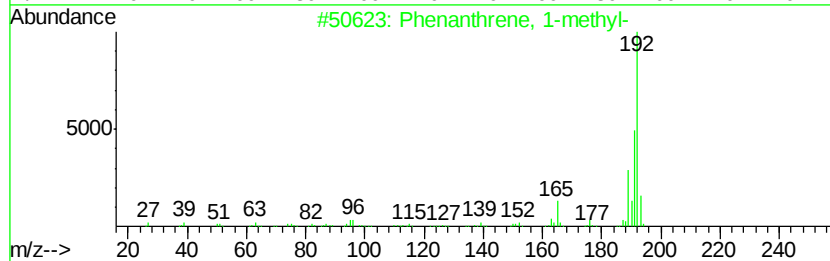
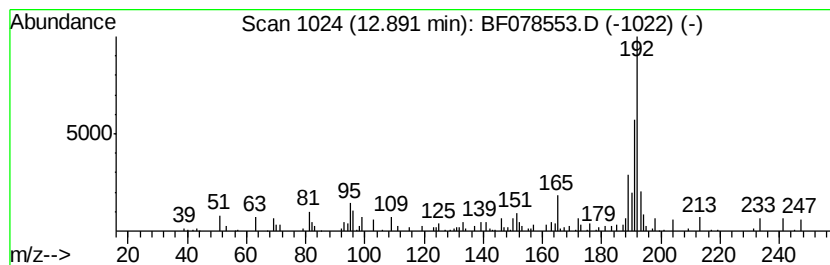
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.13 ng	38409	Phenanthrene-d10	12.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078553.D
Acq On : 15 Apr 2015 23:45
Operator : TP/IZ
Sample : G1855-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

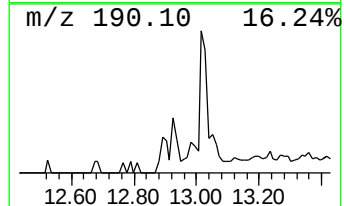
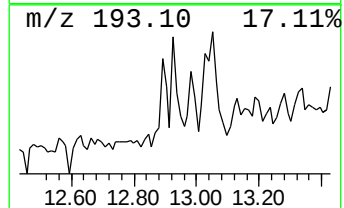
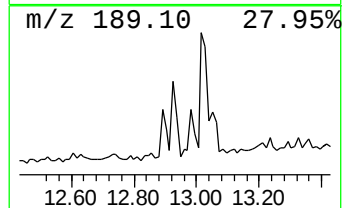
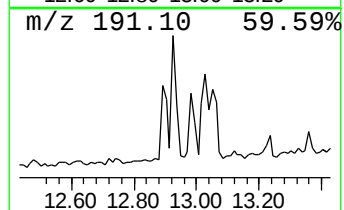
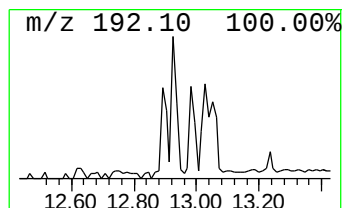
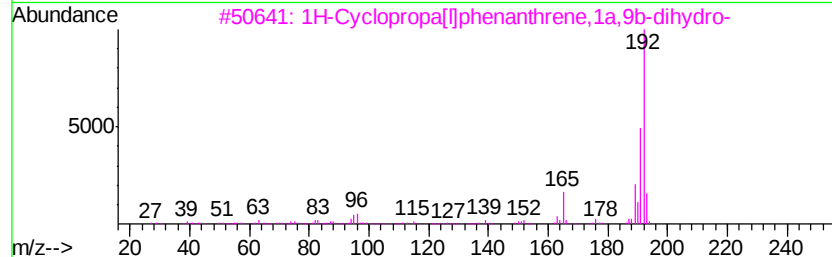
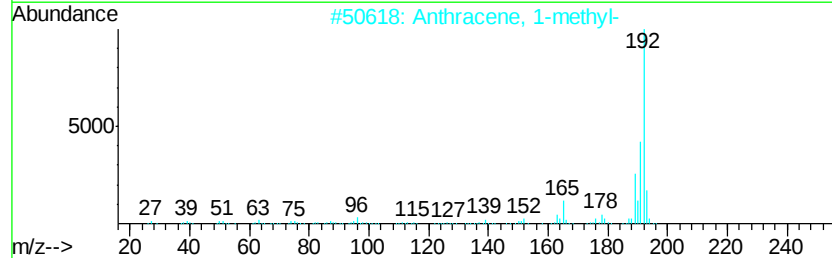
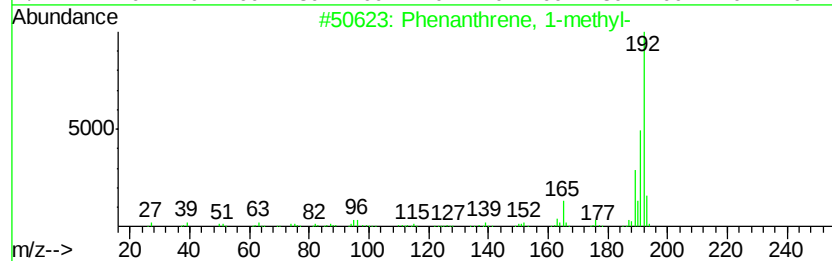
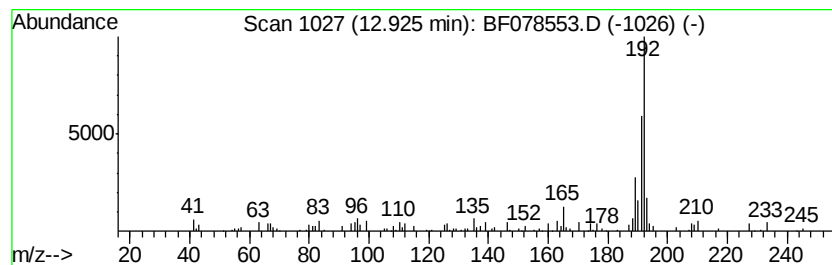
Instrument :
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ClientSampleId :
LS-SB09A(2-2.5)

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 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.93	3.39 ng	61070	Phenanthrene-d10	12.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
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Operator : TP/IZ
Sample : G1855-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

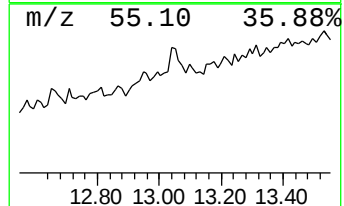
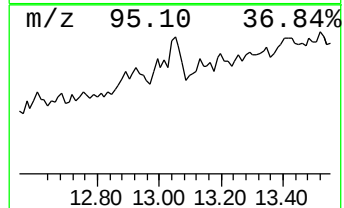
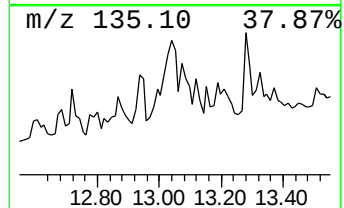
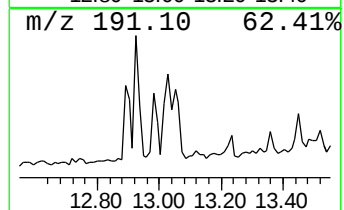
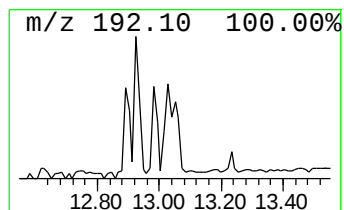
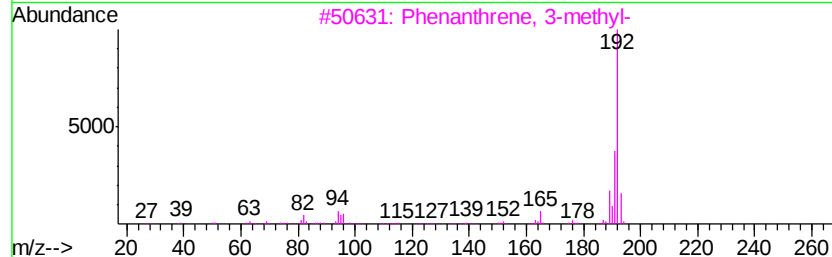
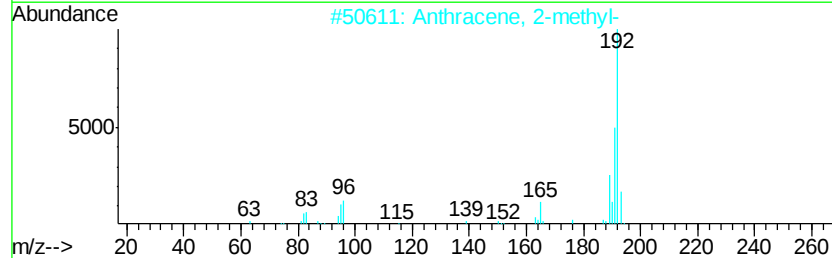
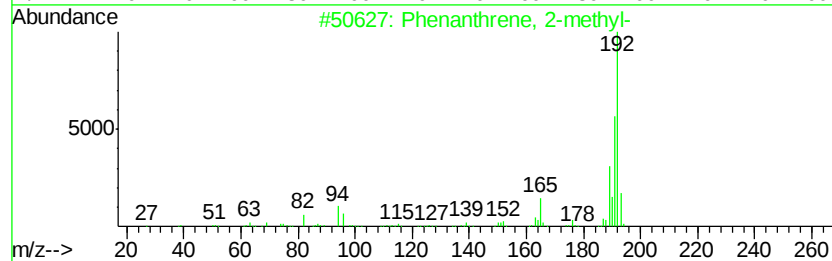
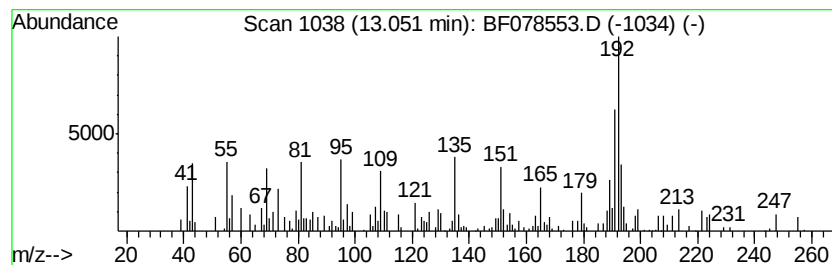
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ClientSampleId :
LS-SB09A(2-2.5)

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-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.05	8.00 ng	144190	Phenanthrene-d10	12.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	49
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078553.D
Acq On : 15 Apr 2015 23:45
Operator : TP/IZ
Sample : G1855-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB09A(2-2.5)

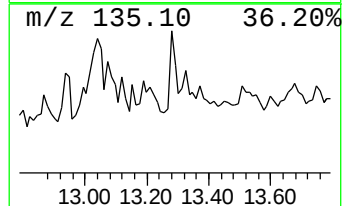
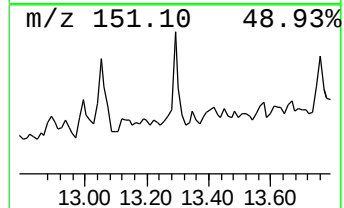
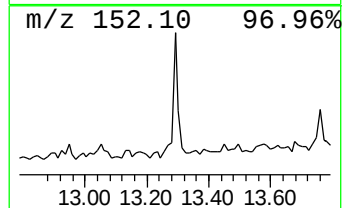
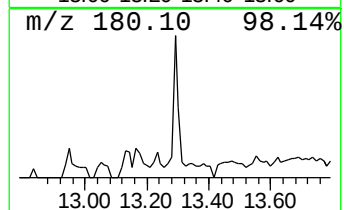
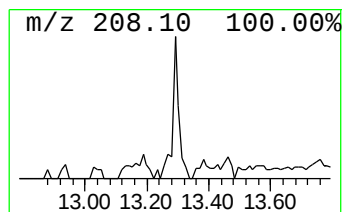
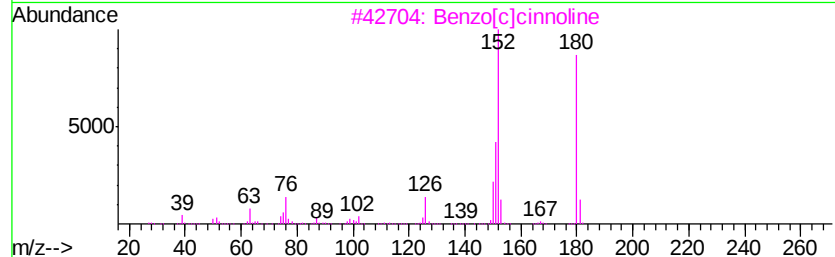
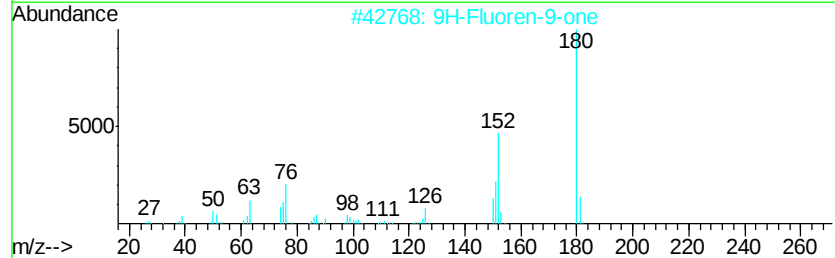
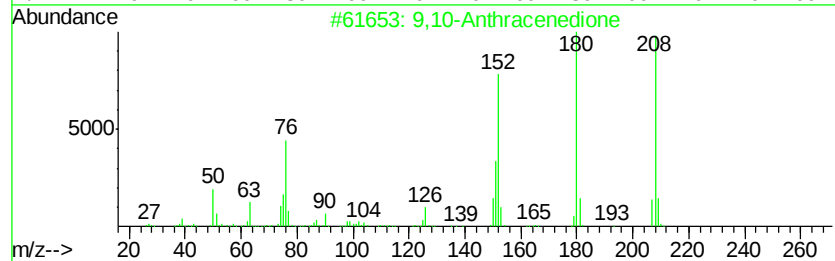
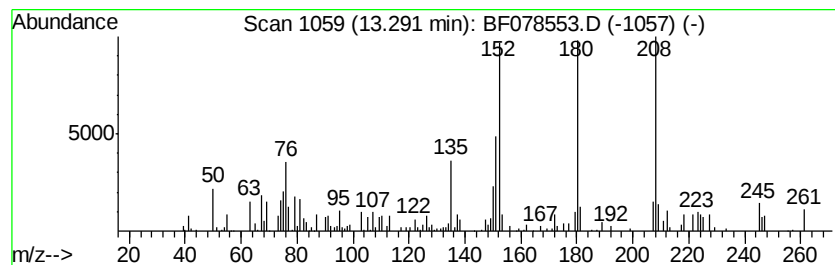
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.21 ng	39747	Phenanthrene-d10	12.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	38
5		Benzaldehyde, 3-butoxy-4-methoxy-	208	C12H16O3	034127-96-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078553.D
Acq On : 15 Apr 2015 23:45
Operator : TP/IZ
Sample : G1855-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

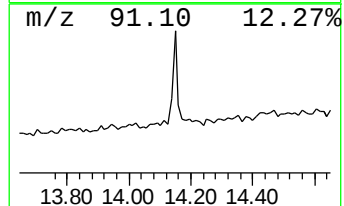
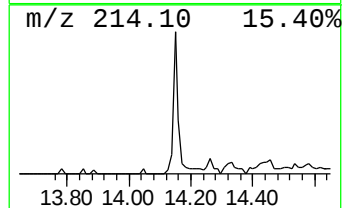
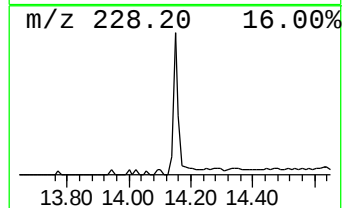
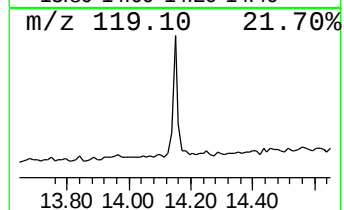
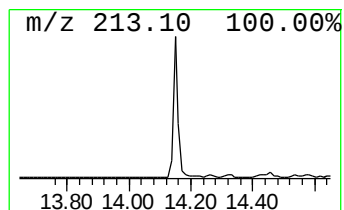
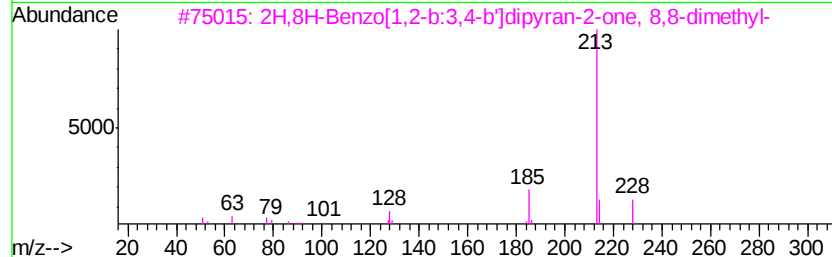
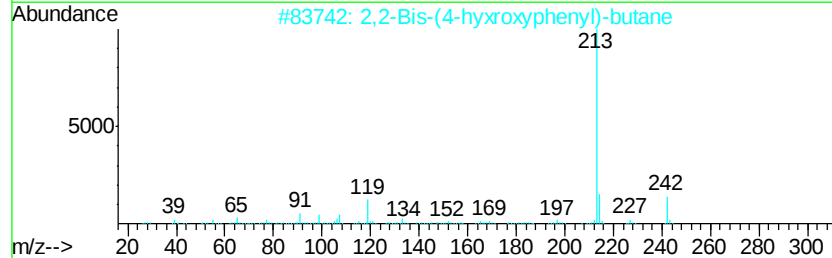
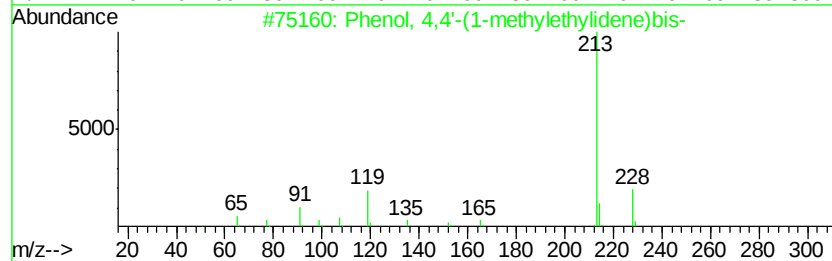
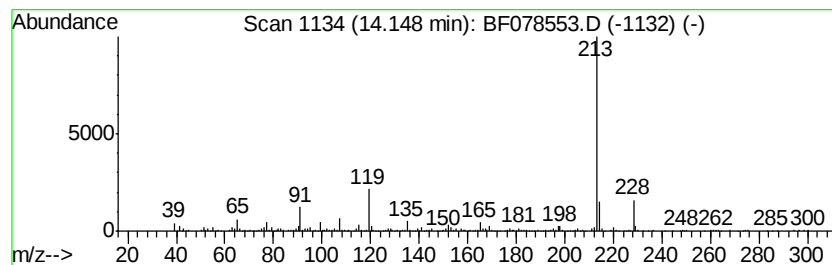
Instrument :
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ClientSampleId :
LS-SB09A(2-2.5)

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, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.15	10.03 ng	237142	Chrysene-d12	15.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97	
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64	
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53	
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52	
5	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078553.D
Acq On : 15 Apr 2015 23:45
Operator : TP/IZ
Sample : G1855-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB09A(2-2.5)

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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Isoborneol	8.72	4.0	ng	55993	2	8.30	281693	20.0
Decane, 2,3,8-tri...	11.66	2.1	ng	37032	4	12.27	360252	20.0
1,1'-Biphenyl, 2-...	12.58	2.5	ng	45671	4	12.27	360252	20.0
Phenanthrene, 1-m...	12.89	2.1	ng	38409	4	12.27	360252	20.0
Anthracene, 1-met...	12.93	3.4	ng	61070	4	12.27	360252	20.0
Phenanthrene, 2-m...	13.05	8.0	ng	144190	4	12.27	360252	20.0
9,10-Anthracenedione	13.29	2.2	ng	39747	4	12.27	360252	20.0
Phenol, 4,4'-(1-m...	14.15	10.0	ng	237142	5	15.53	472637	20.0