

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078970.D
 Acq On : 6 May 2015 19:53
 Operator : TP/IZ
 Sample : G2114-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1(0-6)

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-BF043015.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	1.484	24	26	29	rVB	2056211	2179941	49.89%	6.316%
2	1.633	37	39	49	rVB	127081	249576	5.71%	0.723%
3	1.770	49	51	53	rVV	91535	137787	3.15%	0.399%
4	1.816	53	55	58	rVV	57738	103753	2.37%	0.301%
5	1.896	60	62	98	rVB	2428082	4369794	100.00%	12.662%
6	5.153	345	347	352	rVB	43769	50699	1.16%	0.147%
7	5.644	388	390	393	rBV	542432	533293	12.20%	1.545%
8	6.902	497	500	502	rBV	474211	583455	13.35%	1.691%
9	7.062	511	514	516	rBV	469934	588939	13.48%	1.706%
10	7.348	537	539	542	rBV	468474	412402	9.44%	1.195%
11	7.530	553	555	558	rBV	394060	441273	10.10%	1.279%
12	8.033	597	599	602	rBV	367573	348672	7.98%	1.010%
13	8.925	674	677	679	rBV	685409	613944	14.05%	1.779%
14	10.274	792	795	797	rBV	713530	740595	16.95%	2.146%
15	11.108	865	868	870	rBV	526628	693874	15.88%	2.011%
16	11.142	870	871	873	rVB	148302	112617	2.58%	0.326%
17	11.359	887	890	892	rBV	93858	87656	2.01%	0.254%
18	11.782	925	927	929	rBV	156366	145359	3.33%	0.421%
19	11.862	931	934	936	rBV	22432	50510	1.16%	0.146%
20	11.999	943	946	949	rVB2	85673	126484	2.89%	0.366%
21	12.079	951	953	956	rVB	521310	547543	12.53%	1.587%
22	12.468	983	987	989	rBV3	43941	69392	1.59%	0.201%
23	12.662	998	1004	1005	rBV2	23873	55829	1.28%	0.162%
24	12.708	1005	1008	1011	rVB	48817	61649	1.41%	0.179%
25	12.777	1011	1014	1016	rBV2	38372	63851	1.46%	0.185%
26	12.822	1016	1018	1020	rVB	74680	72432	1.66%	0.210%
27	12.948	1027	1029	1030	rBV	762328	757076	17.33%	2.194%
28	12.982	1030	1032	1034	rVV	1510739	1434756	32.83%	4.157%
29	13.040	1034	1037	1040	rVB	315454	360512	8.25%	1.045%
30	13.245	1053	1055	1057	rVV	128629	121214	2.77%	0.351%
31	13.371	1064	1066	1067	rVB	38449	50380	1.15%	0.146%
32	13.577	1082	1084	1086	rVV	213883	264345	6.05%	0.766%
33	13.611	1086	1087	1090	rVB	294188	304987	6.98%	0.884%
34	13.668	1090	1092	1094	rBV	102506	136092	3.11%	0.394%

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35	13.714	1094	1096	1098	rVV	363881	462624	10.59%	1.340%
36	13.748	1098	1099	1101	rVB	171739	124318	2.84%	0.360%
37	13.954	1115	1117	1122	rVB2	131194	255718	5.85%	0.741%
38	14.137	1132	1133	1135	rBV	63953	64372	1.47%	0.187%
39	14.171	1135	1136	1138	rVV	38297	49674	1.14%	0.144%
40	14.262	1142	1144	1146	rBV	123714	189645	4.34%	0.550%
41	14.308	1146	1148	1152	rVV	97040	168812	3.86%	0.489%
42	14.365	1152	1153	1157	rVB3	92599	155011	3.55%	0.449%
43	14.457	1159	1161	1164	rBV	1171890	1600666	36.63%	4.638%
44	14.537	1166	1168	1170	rBV3	68219	93451	2.14%	0.271%
45	14.583	1170	1172	1174	rVB2	34047	46268	1.06%	0.134%
46	14.640	1174	1177	1181	rBV4	61559	135886	3.11%	0.394%
47	14.743	1181	1186	1188	rBV	1546361	1804919	41.30%	5.230%
48	14.811	1188	1192	1196	rBV	419308	540229	12.36%	1.565%
49	14.903	1198	1200	1201	rBV	78683	85900	1.97%	0.249%
50	14.948	1201	1204	1207	rVB	975857	1054140	24.12%	3.054%
51	15.028	1207	1211	1213	rBV2	104852	210870	4.83%	0.611%
52	15.154	1216	1222	1225	rVB2	200219	436665	9.99%	1.265%
53	15.245	1228	1230	1232	rBV	173933	177124	4.05%	0.513%
54	15.291	1232	1234	1235	rBV	154552	202230	4.63%	0.586%
55	15.325	1235	1237	1239	rVB2	39049	50384	1.15%	0.146%
56	15.394	1242	1243	1245	rBV	81082	113496	2.60%	0.329%
57	15.440	1245	1247	1250	rVB	106639	101042	2.31%	0.293%
58	15.543	1253	1256	1262	rVB5	34053	95497	2.19%	0.277%
59	15.668	1262	1267	1268	rBV4	55263	133454	3.05%	0.387%
60	15.794	1275	1278	1281	rVB	103652	157525	3.60%	0.456%
61	15.931	1287	1290	1292	rBV	134956	207091	4.74%	0.600%
62	15.977	1292	1294	1297	rVV2	124770	229279	5.25%	0.664%
63	16.057	1300	1301	1304	rVB	93642	124699	2.85%	0.361%
64	16.126	1304	1307	1311	rBV4	48665	159586	3.65%	0.462%
65	16.263	1315	1319	1320	rVV2	1036451	2029932	46.45%	5.882%
66	16.297	1320	1322	1324	rVV	613281	812594	18.60%	2.355%
67	16.388	1327	1330	1332	rBV2	99827	152490	3.49%	0.442%
68	16.514	1339	1341	1343	rBV2	41027	65132	1.49%	0.189%
69	16.560	1343	1345	1347	rVB2	45397	60000	1.37%	0.174%
70	16.720	1358	1359	1361	rBV	33674	51995	1.19%	0.151%
71	16.777	1361	1364	1366	rVV	131475	241900	5.54%	0.701%

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72	16.811	1366	1367	1370	rVB	76443	98016	2.24%	0.284%
73	16.891	1373	1374	1376	rVB2	65883	72424	1.66%	0.210%
74	16.937	1376	1378	1379	rBV2	55591	83199	1.90%	0.241%
75	17.051	1385	1388	1391	rVB4	43863	81769	1.87%	0.237%
76	17.177	1397	1399	1401	rBV	63921	101333	2.32%	0.294%
77	17.383	1415	1417	1418	rBV2	43455	62203	1.42%	0.180%
78	17.600	1433	1436	1441	rBV	528952	1327406	30.38%	3.846%
79	17.714	1445	1446	1448	rVB	91662	116481	2.67%	0.338%
80	17.931	1462	1465	1468	rVB	392285	502783	11.51%	1.457%
81	18.000	1468	1471	1474	rBV	466699	654525	14.98%	1.897%
82	18.069	1474	1477	1478	rBV	676927	936634	21.43%	2.714%
83	19.566	1605	1608	1614	rVB2	204400	472172	10.81%	1.368%
84	19.760	1623	1625	1628	rBV	42083	93567	2.14%	0.271%
85	20.023	1644	1648	1654	rVB	184721	394206	9.02%	1.142%

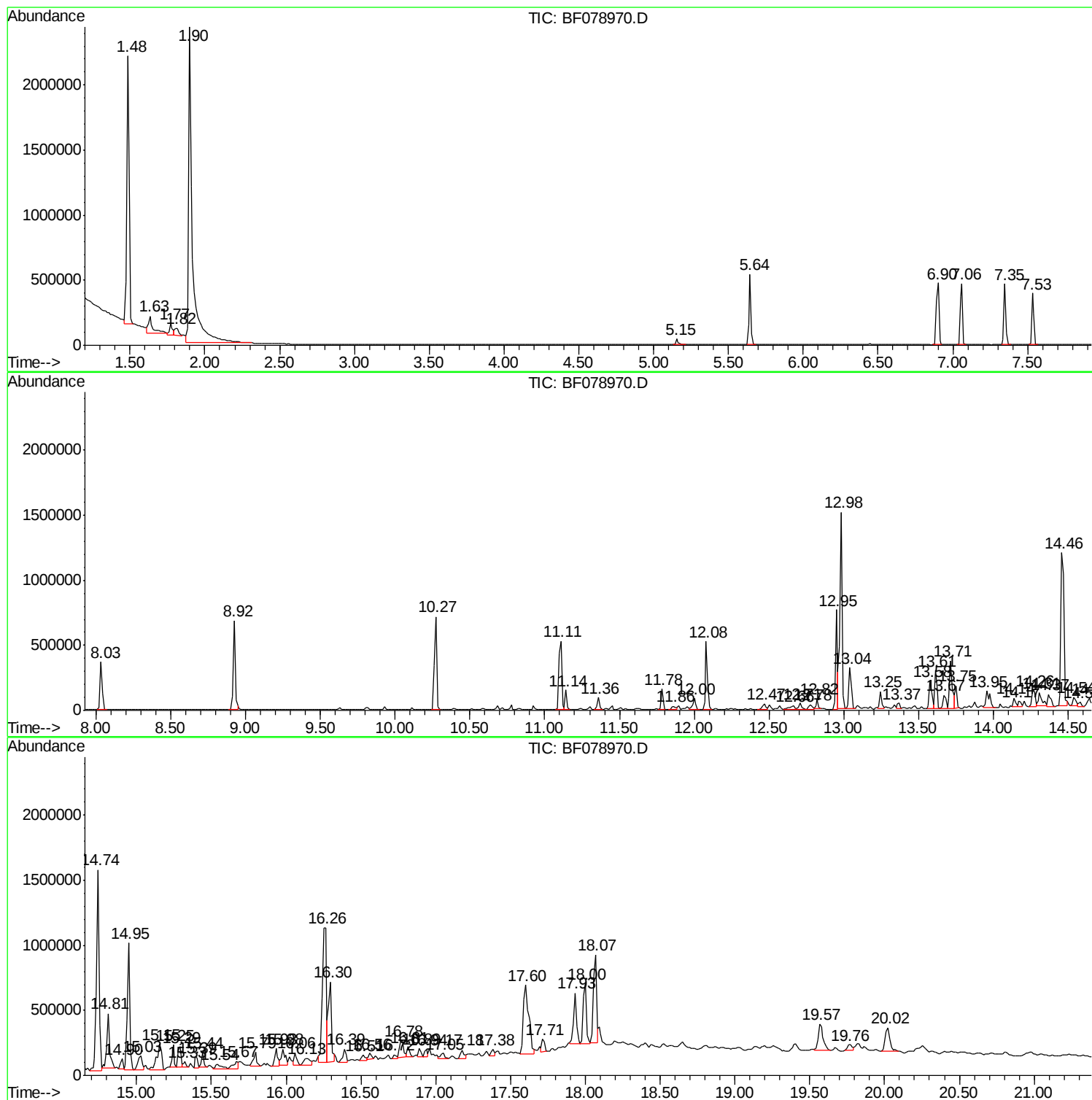
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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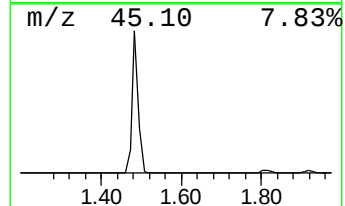
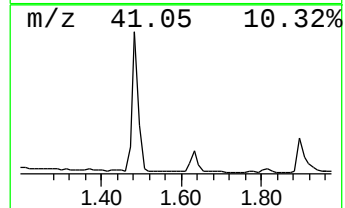
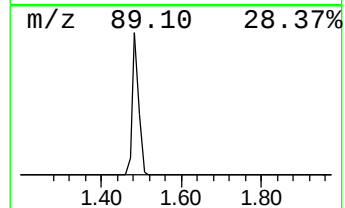
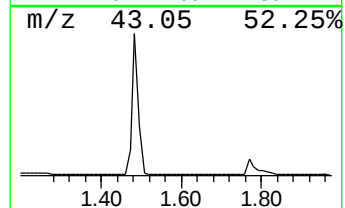
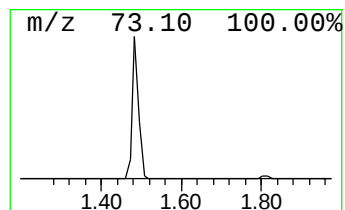
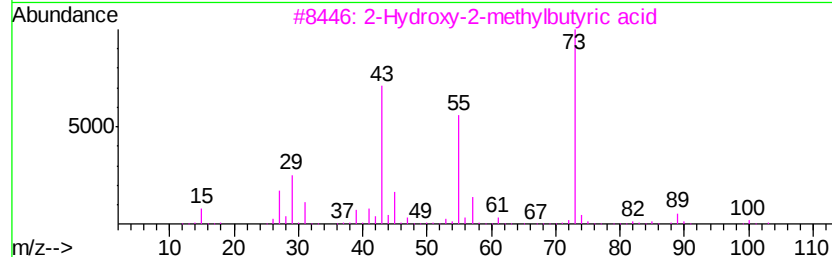
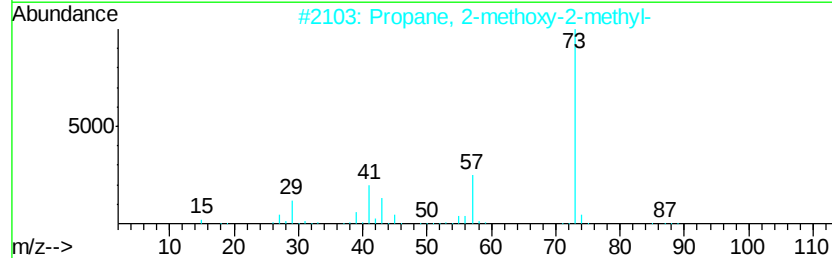
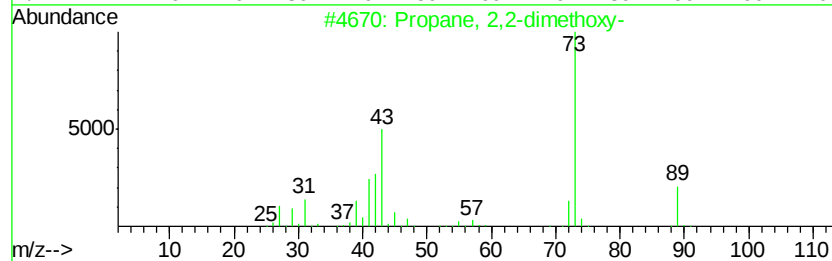
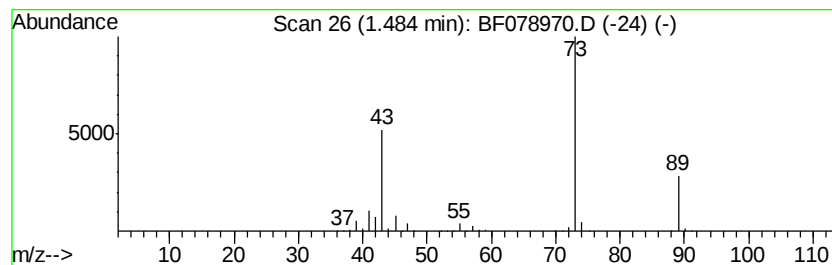
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	105.72 ng	2179940	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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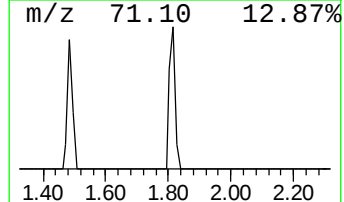
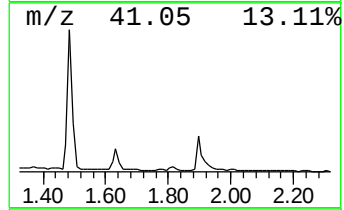
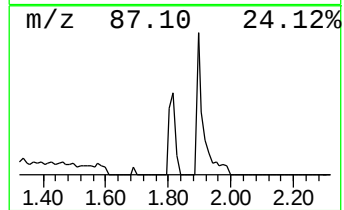
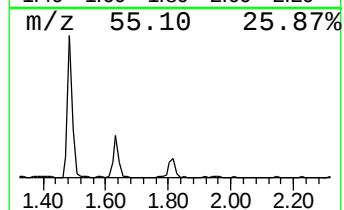
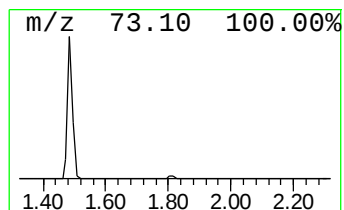
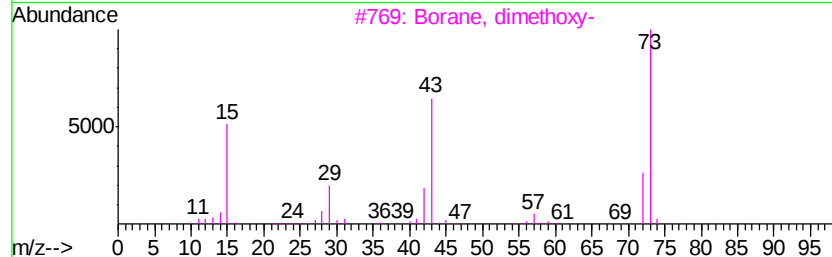
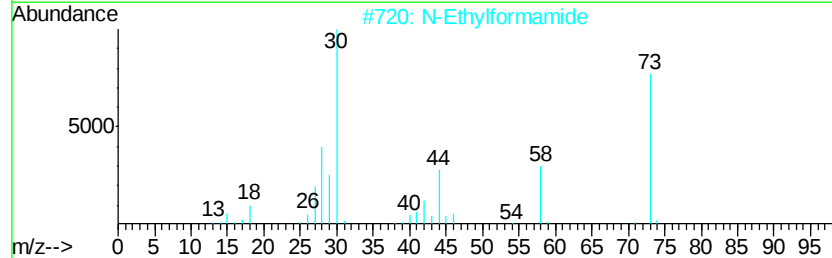
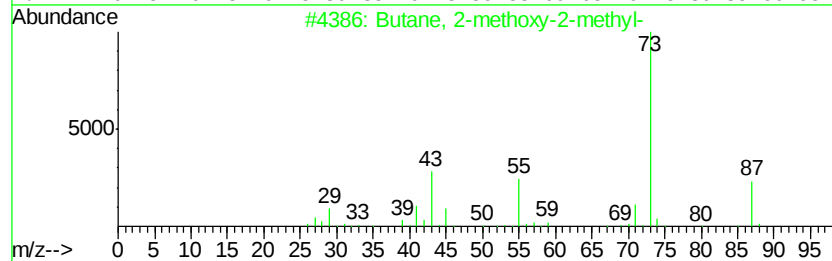
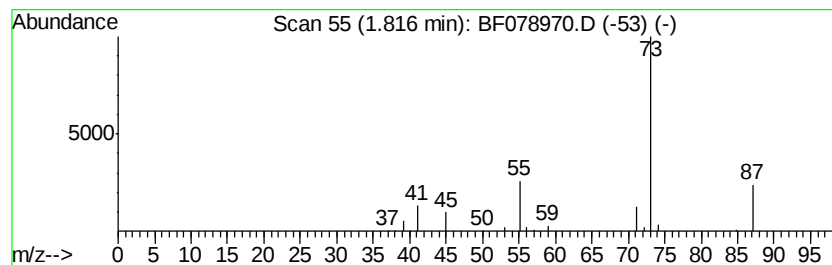
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	5.03 ng	103753	1,4-Dichlorobenzene-d4	7.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
4		Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
5		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4



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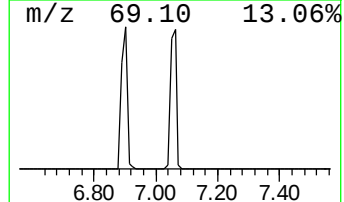
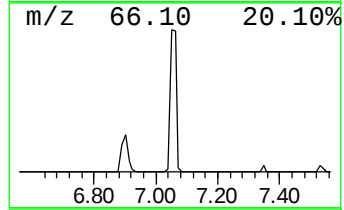
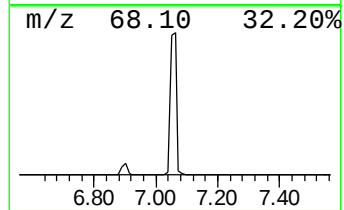
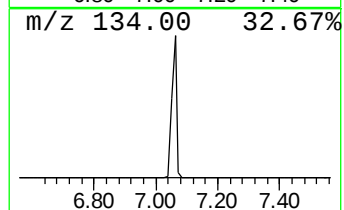
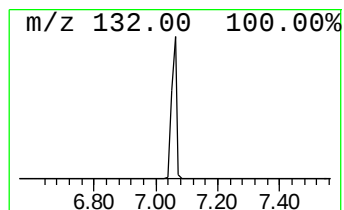
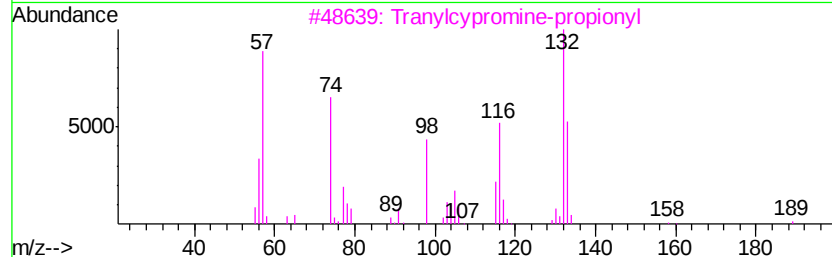
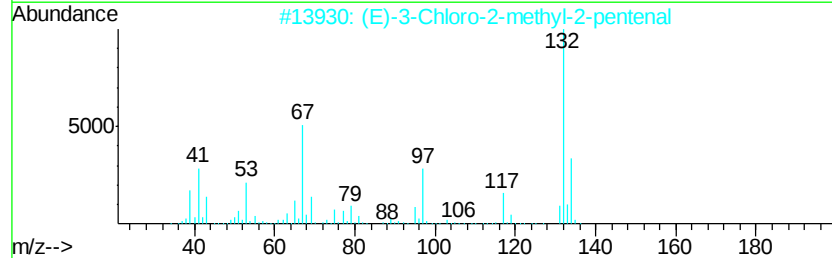
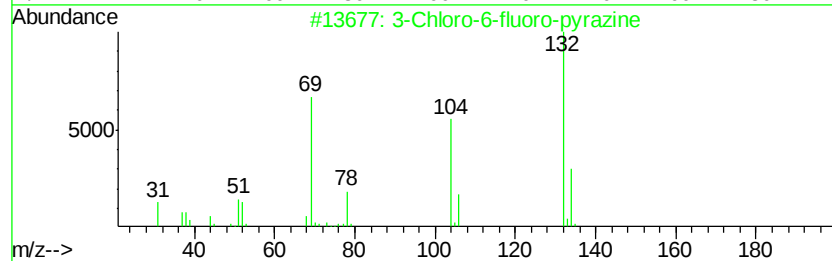
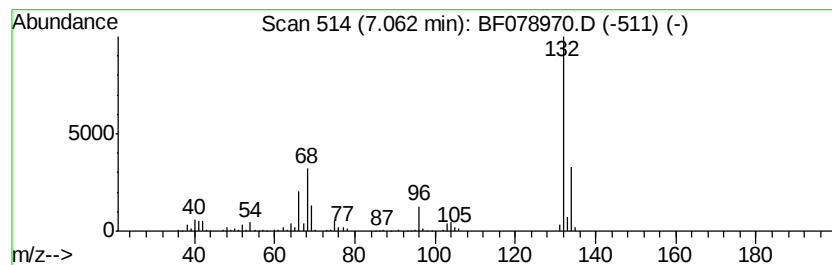
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	28.56 ng	588939	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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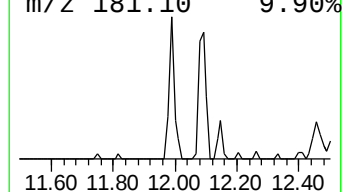
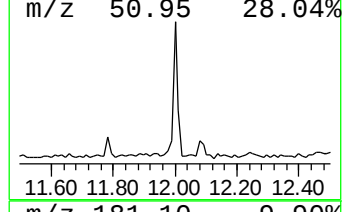
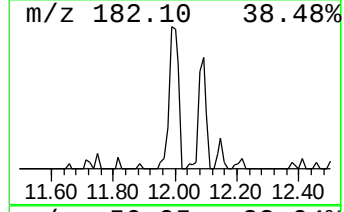
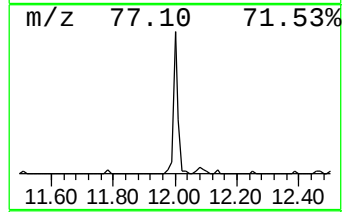
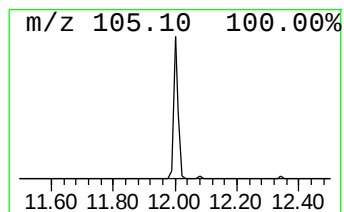
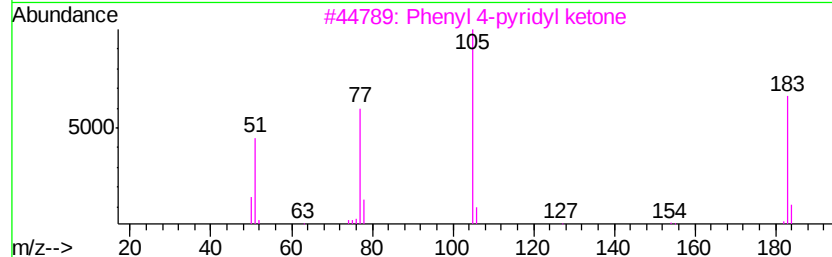
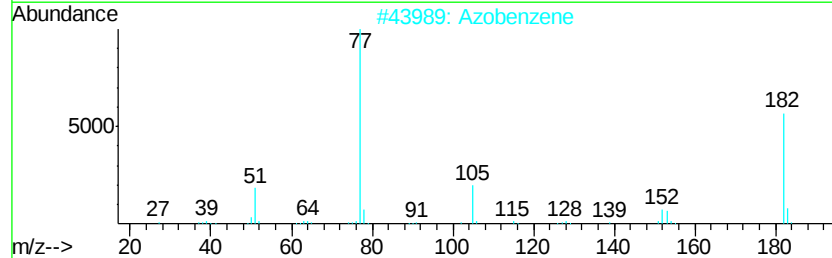
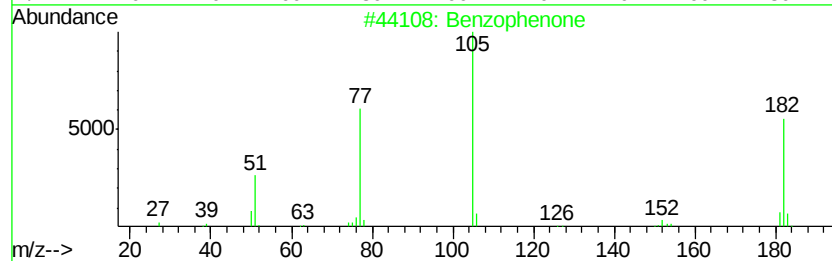
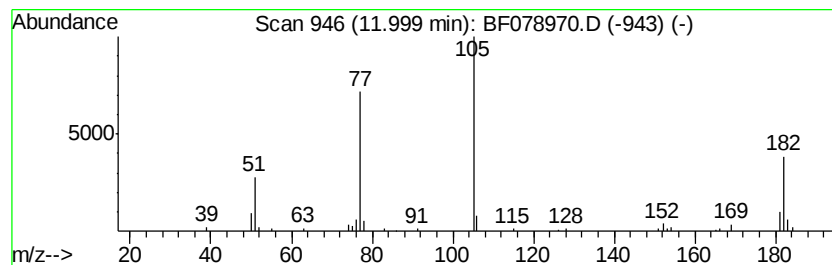
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.65 ng	126484	Acenaphthene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	96
2		Azobenzene	182	C12H10N2	000103-33-3	53
3		Phenvl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4		N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
5		Benzoylformic acid	150	C8H6O3	000611-73-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

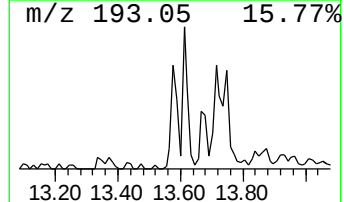
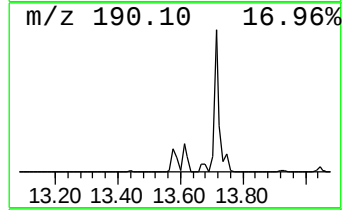
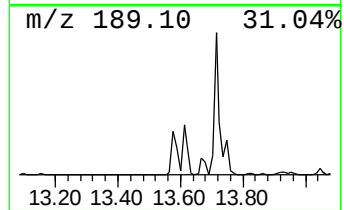
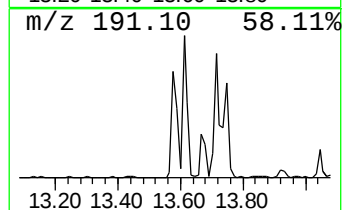
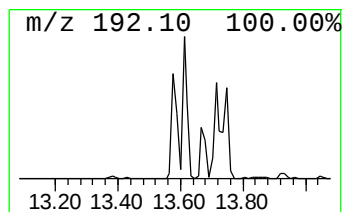
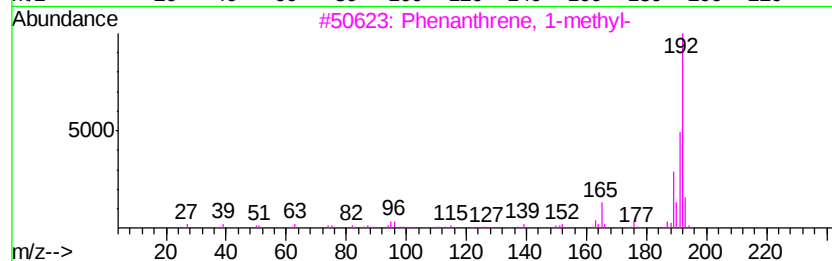
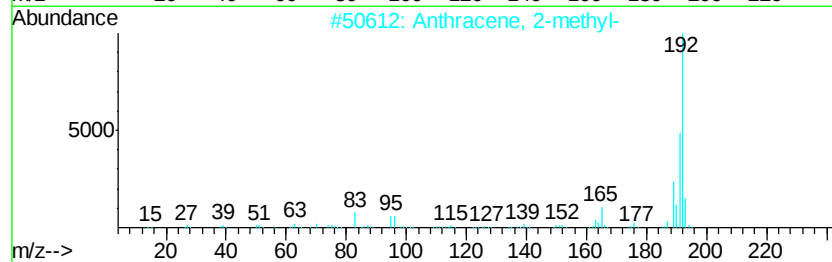
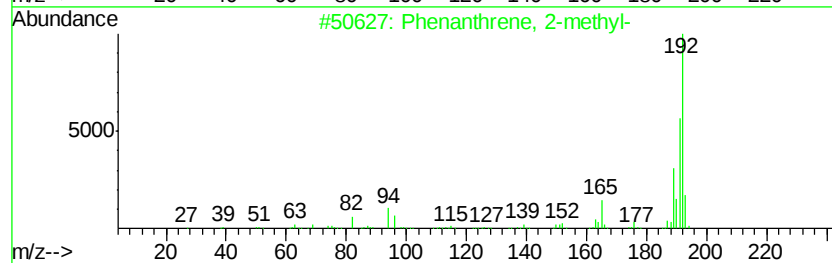
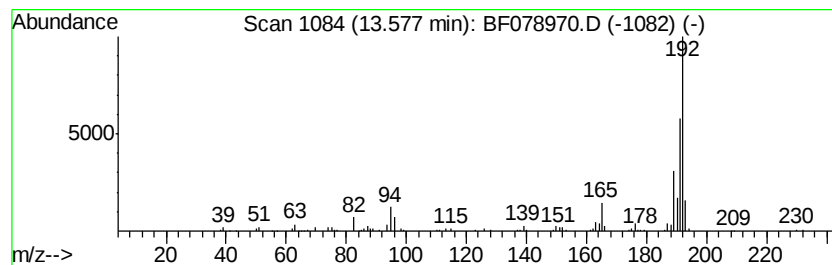
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.58	6.98 ng	264345	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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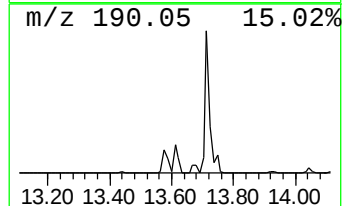
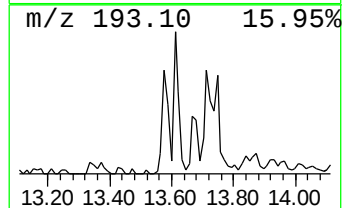
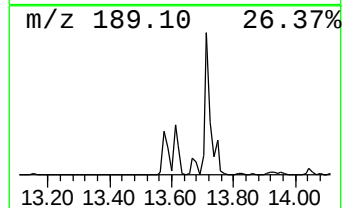
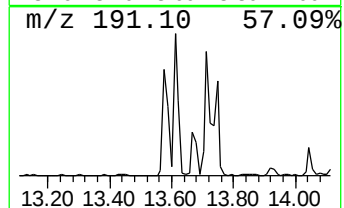
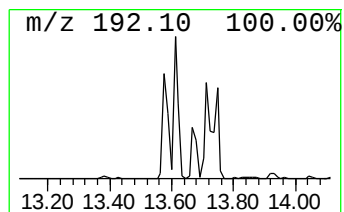
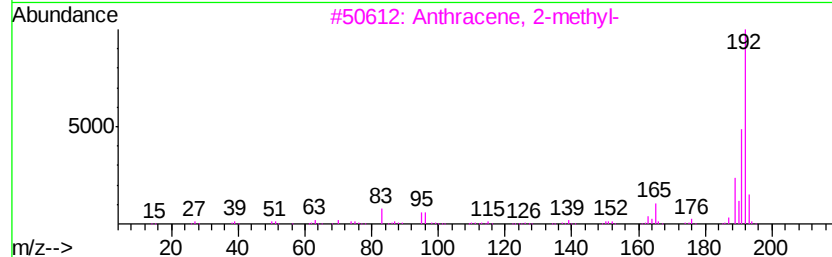
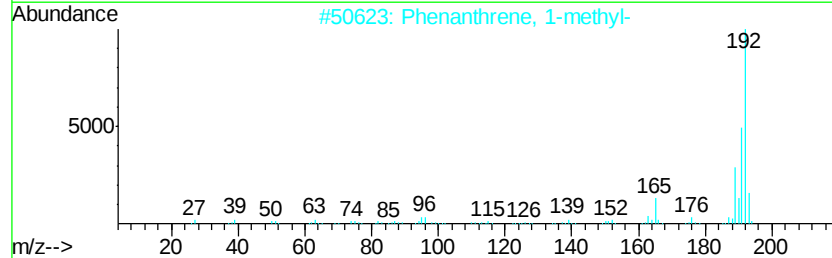
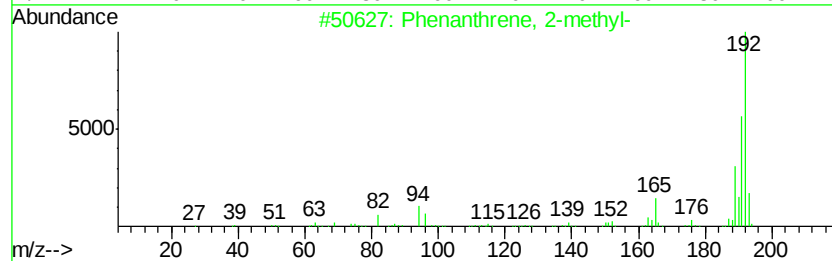
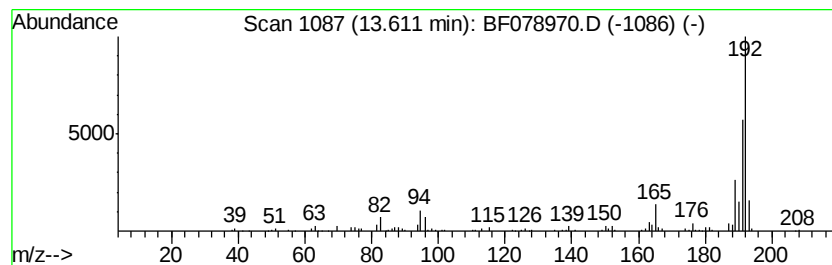
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	8.06 ng	304987	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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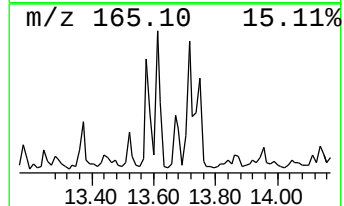
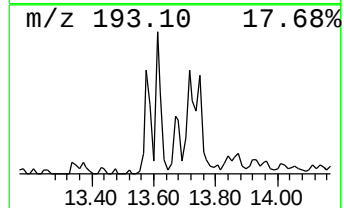
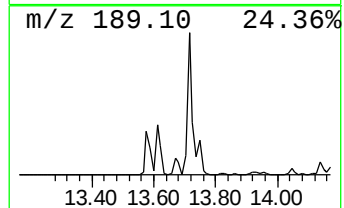
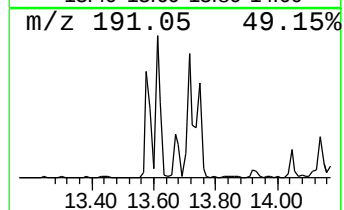
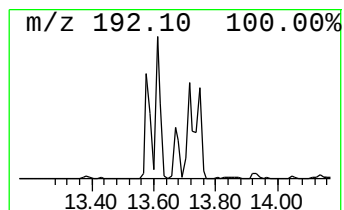
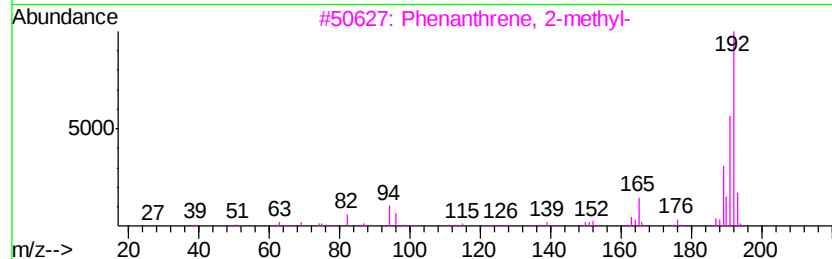
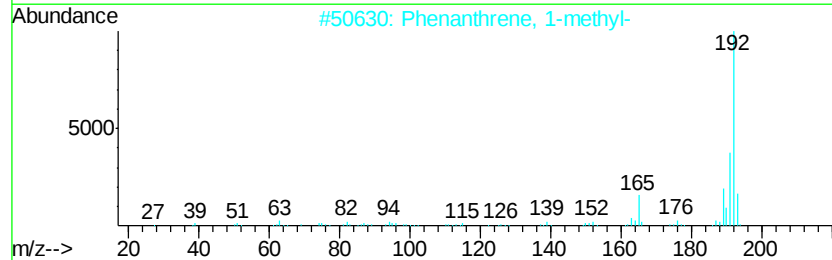
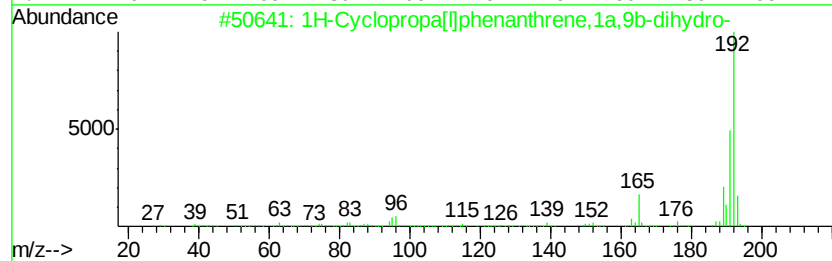
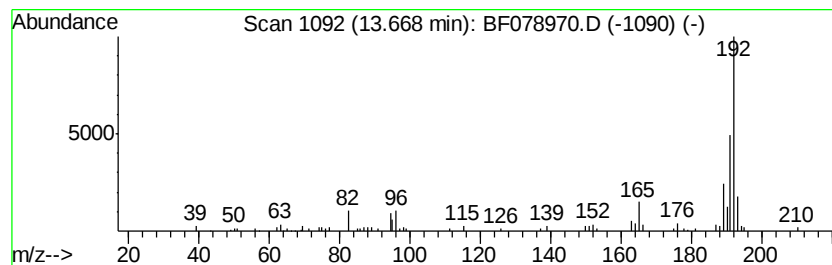
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.60 ng	136092	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

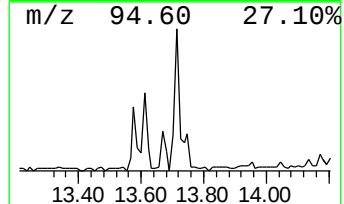
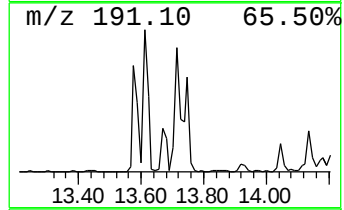
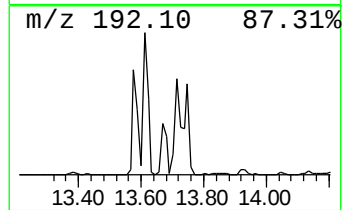
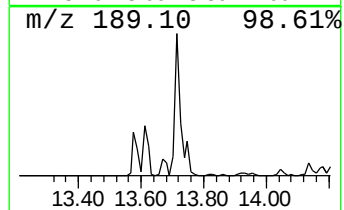
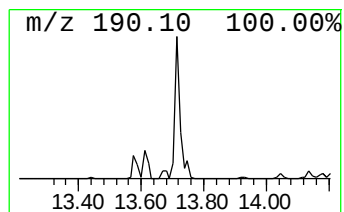
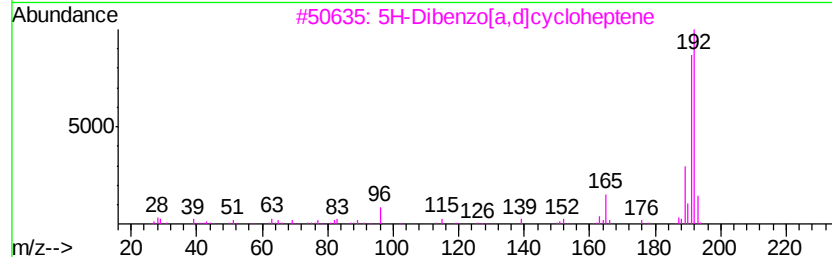
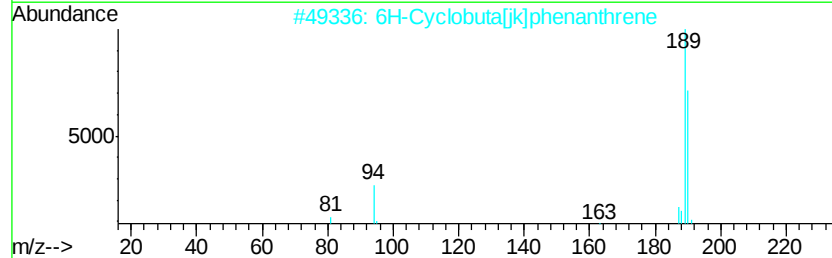
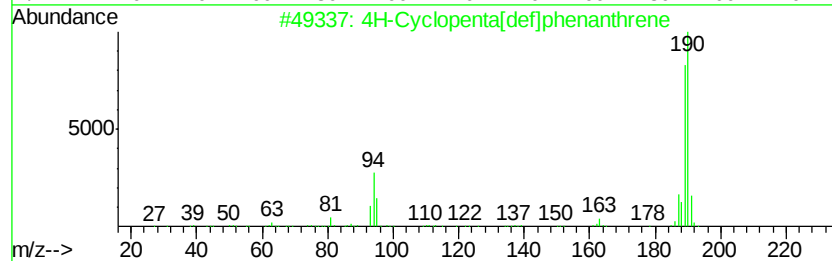
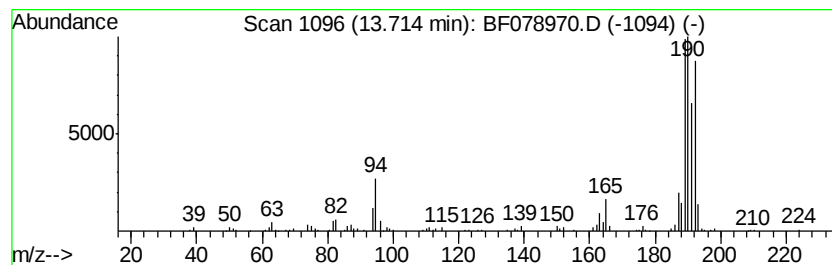
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.71	12.22 ng	462624	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-1(0-6)

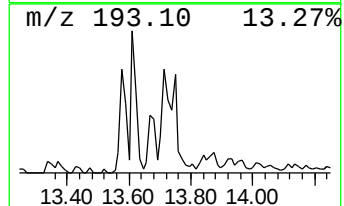
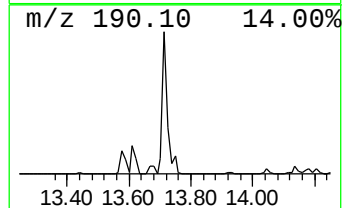
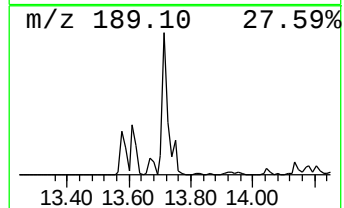
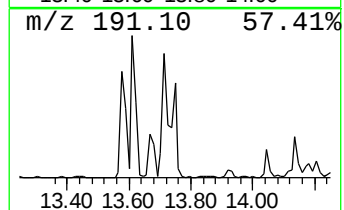
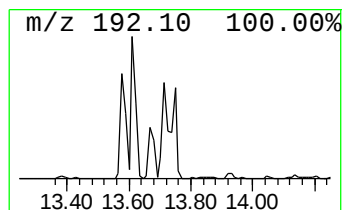
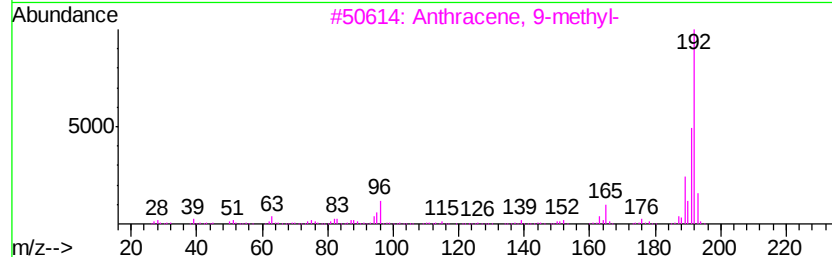
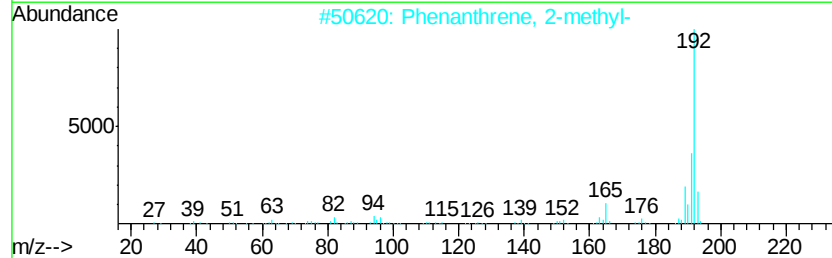
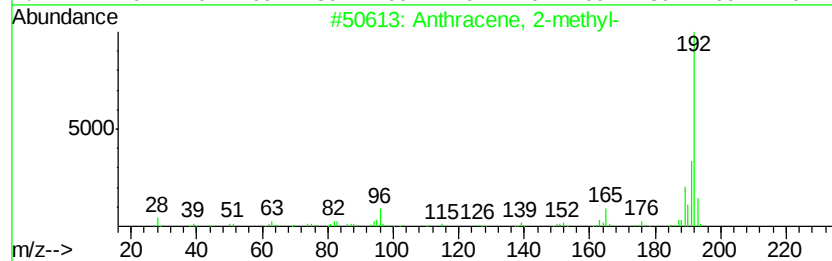
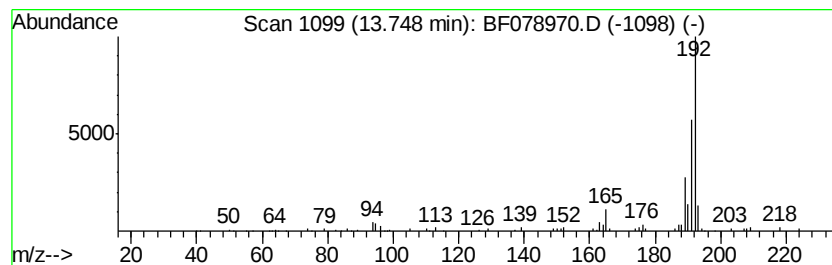
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.28 ng	124318	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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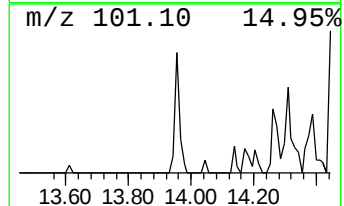
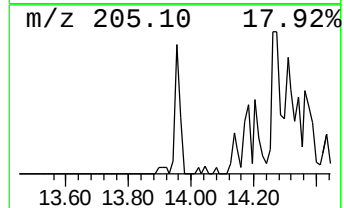
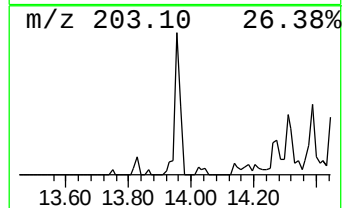
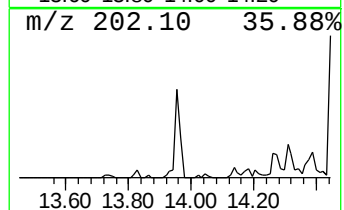
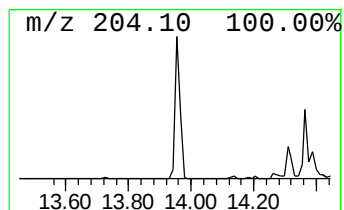
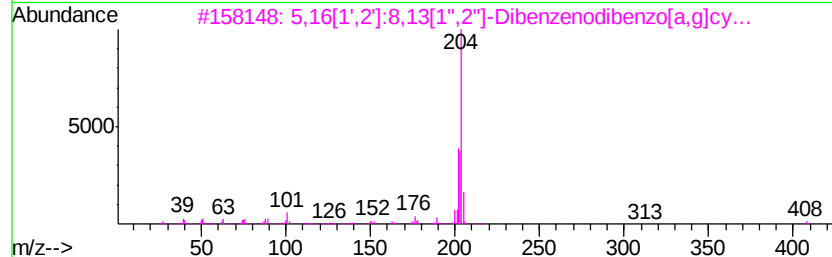
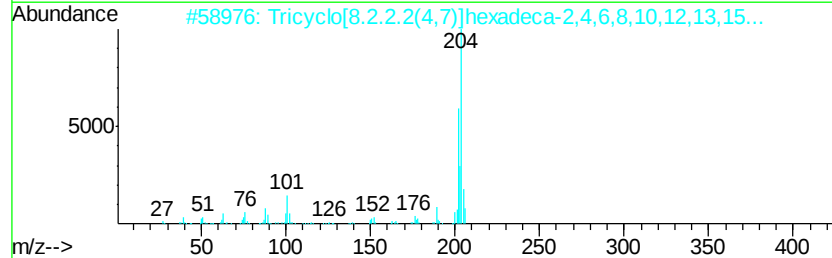
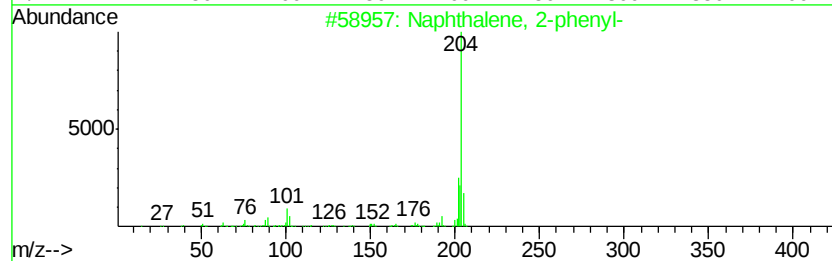
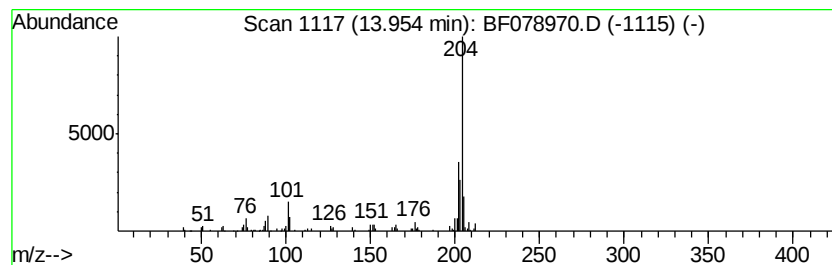
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.76 ng	255718	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3			5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	64
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
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Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

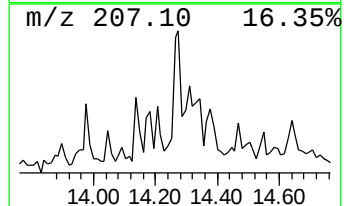
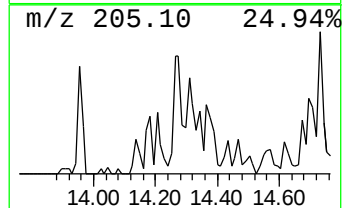
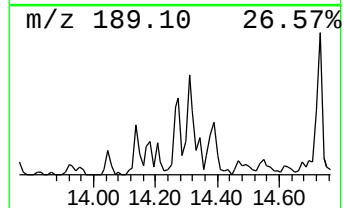
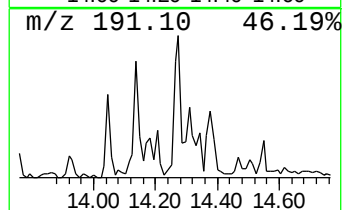
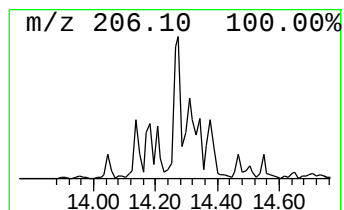
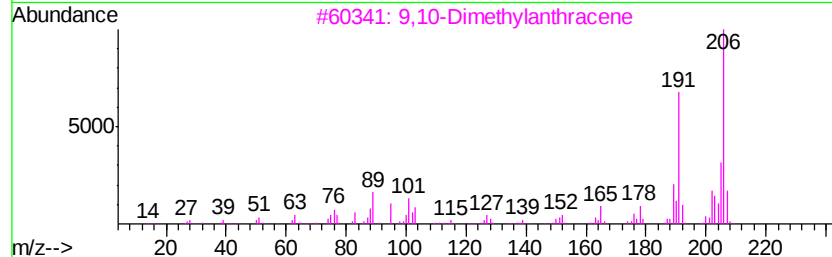
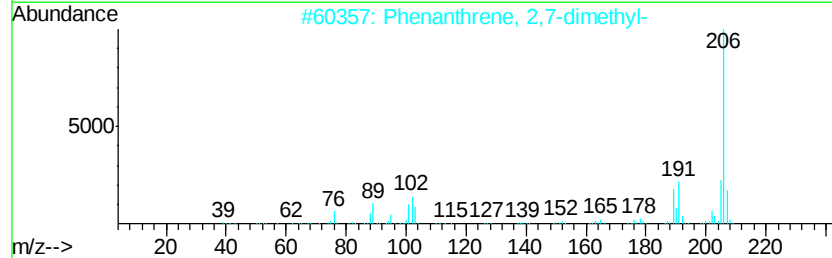
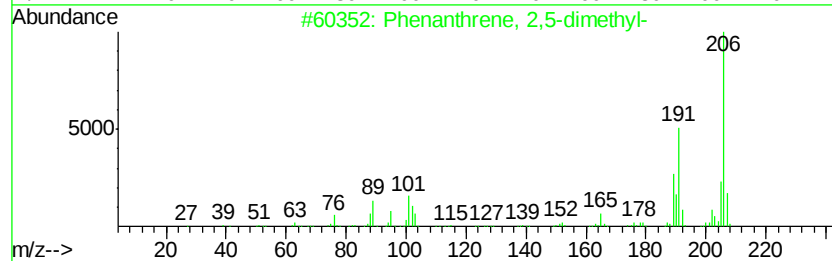
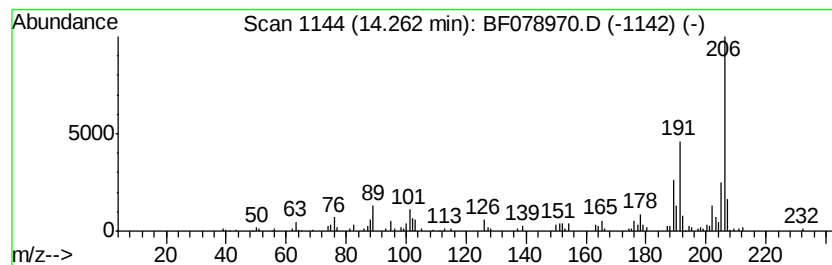
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ClientSampleId :
GRID-1(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.26	5.01 ng	189645	Phenanthrene-d10		12.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-1(0-6)

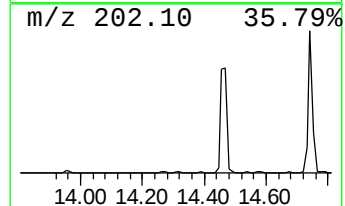
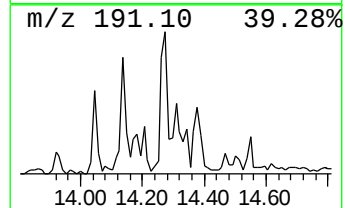
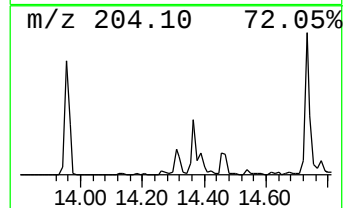
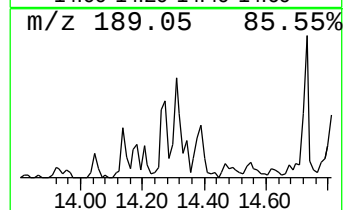
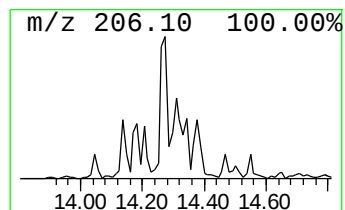
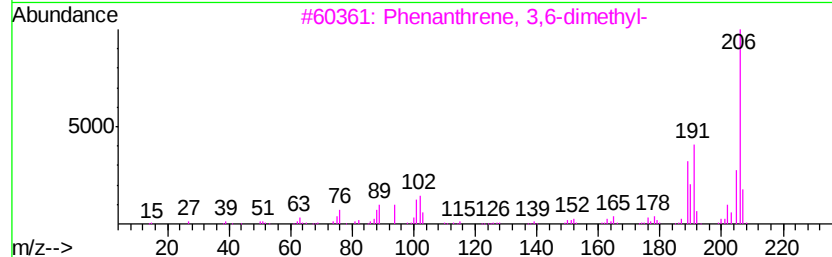
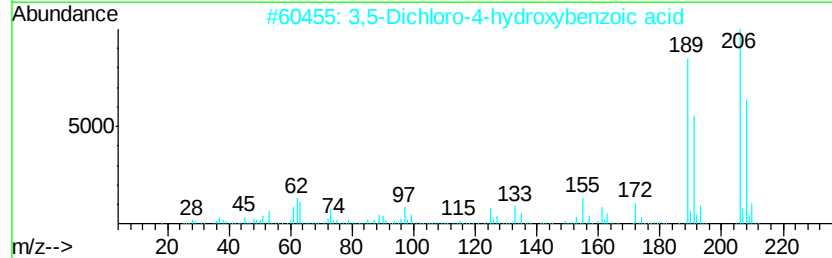
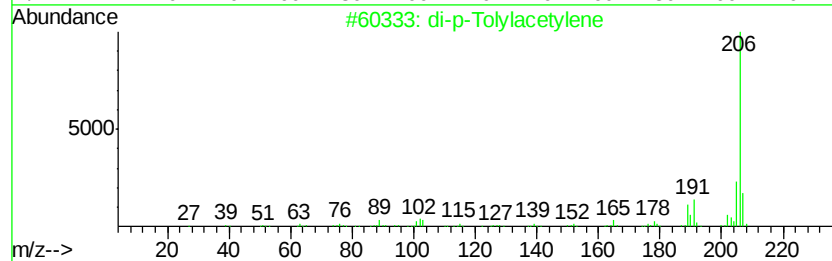
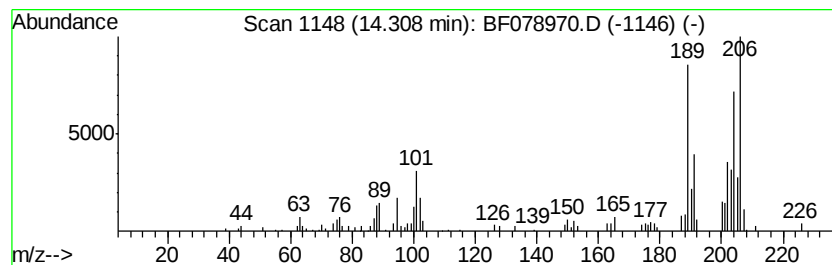
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.46 ng	168812	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	55
2			3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	49
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
5			4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

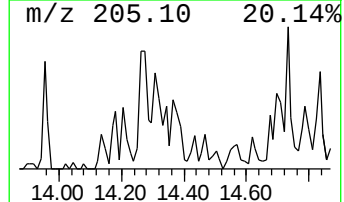
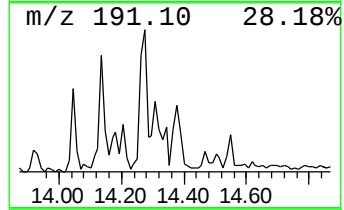
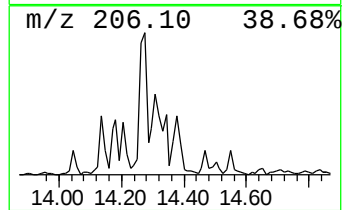
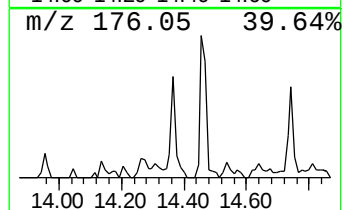
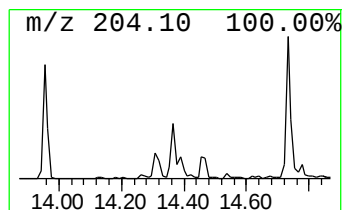
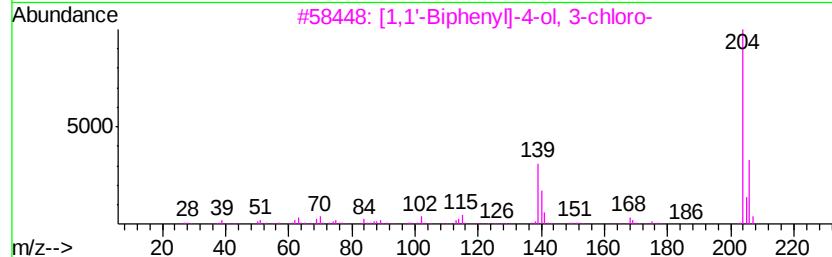
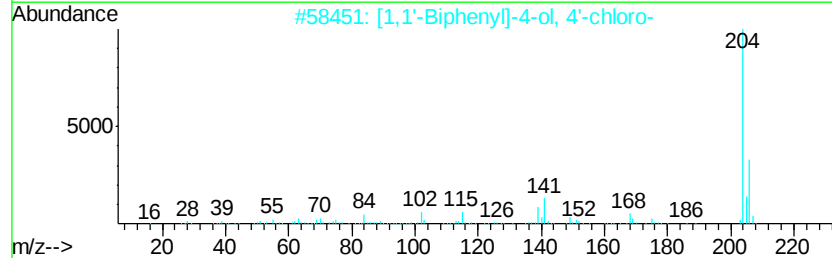
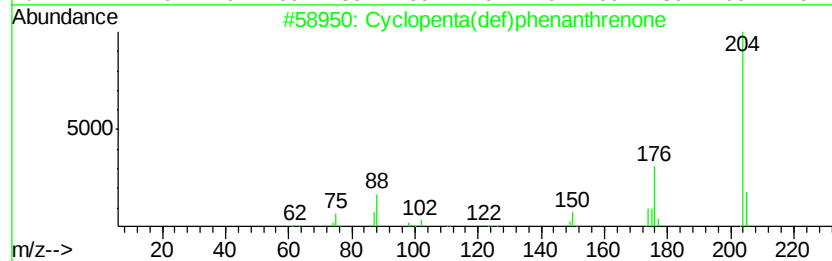
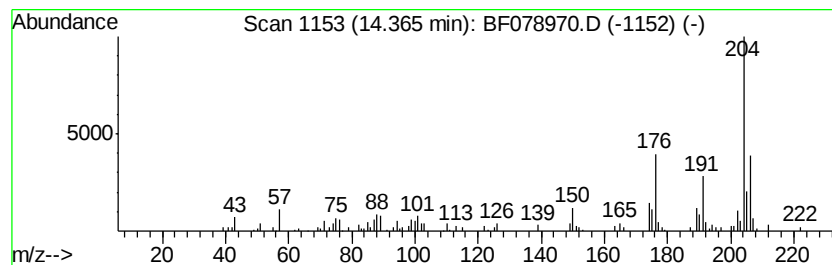
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.09 ng	155011	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	46
4		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-1(0-6)

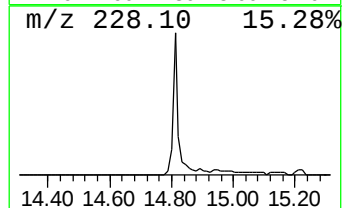
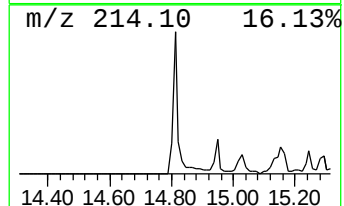
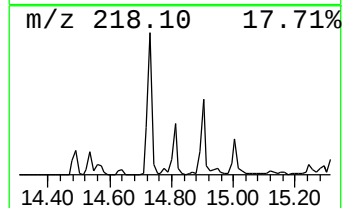
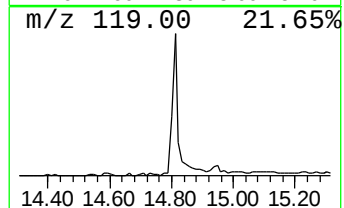
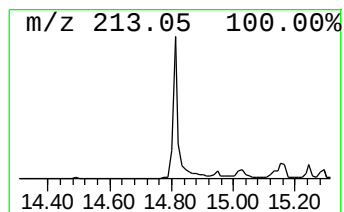
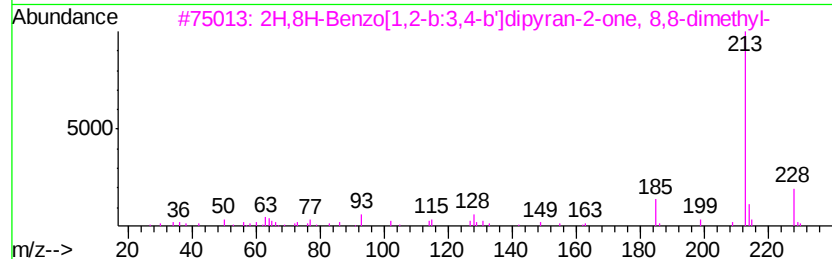
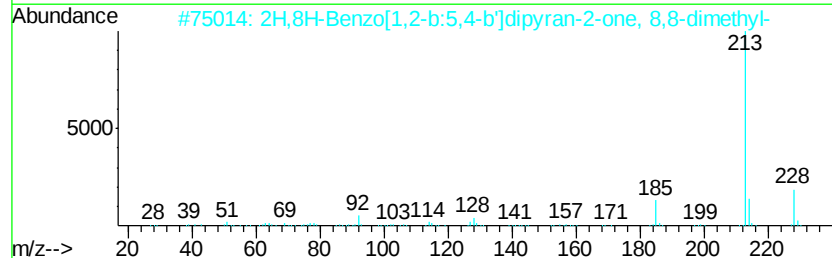
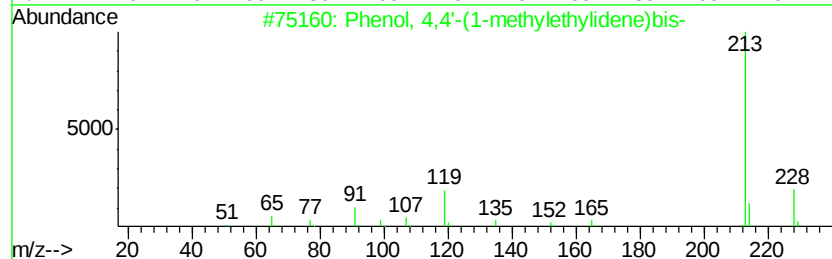
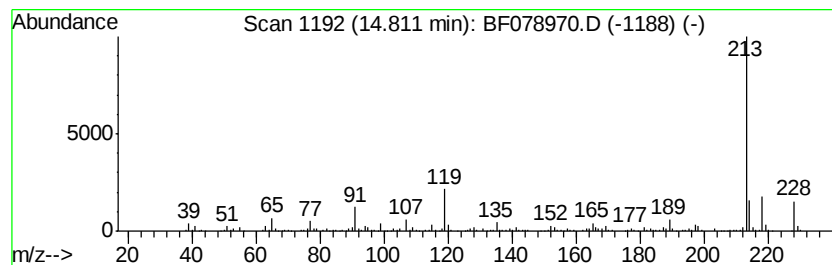
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.32 ng	540229	Chrysene-d12	16.26

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:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
3			2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
4			3-Chloro-N,N-diethyl-4-nitroaniline	228	C10H13ClN2O2	1000110-36-0	50
5			Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-1(0-6)

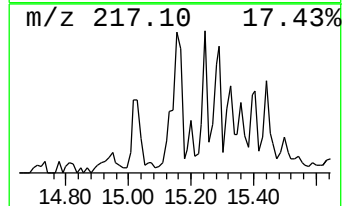
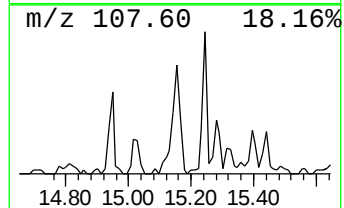
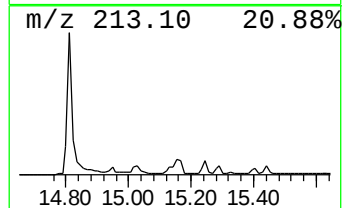
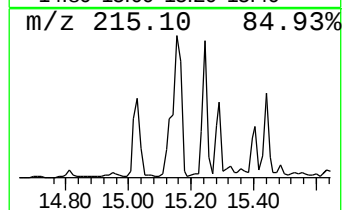
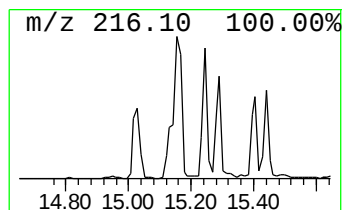
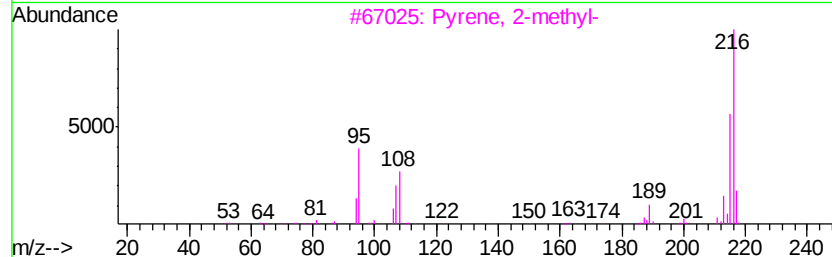
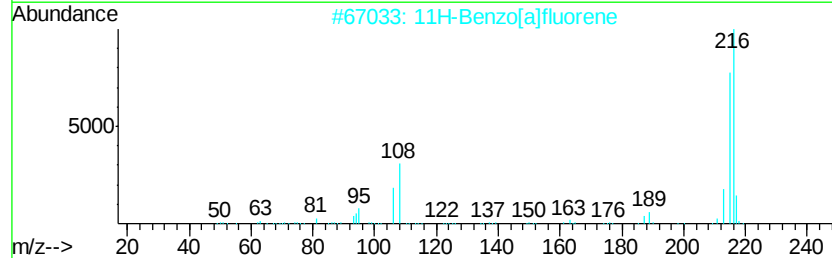
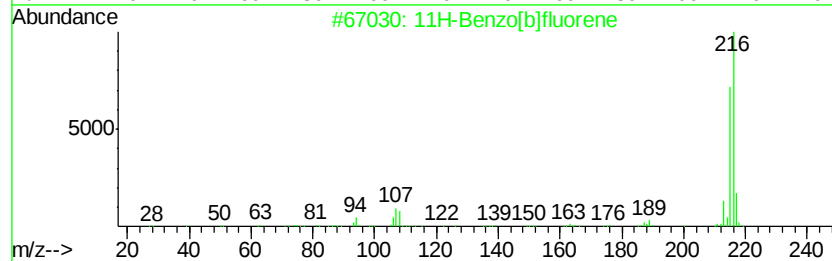
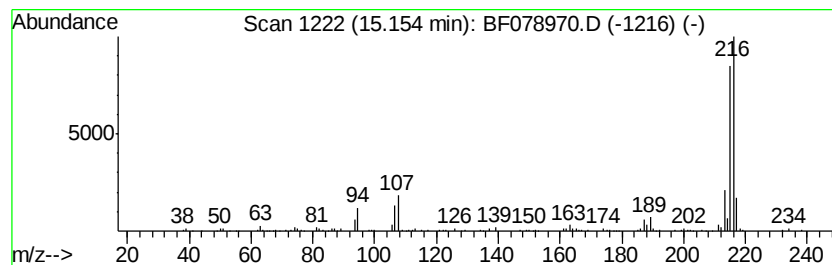
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.30 ng	436665	Chrysene-d12	16.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pvrene, 2-methyl-	216	C17H12	003442-78-2	89
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-1(0-6)

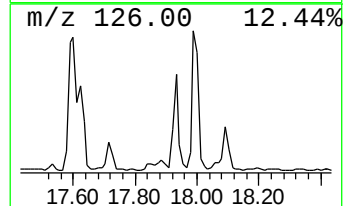
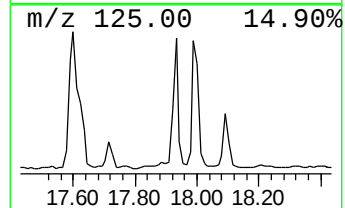
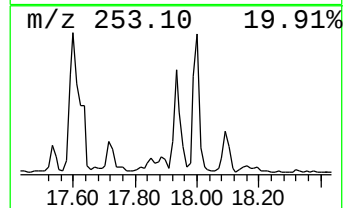
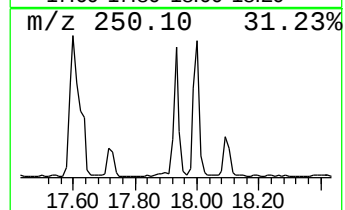
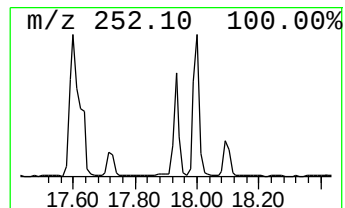
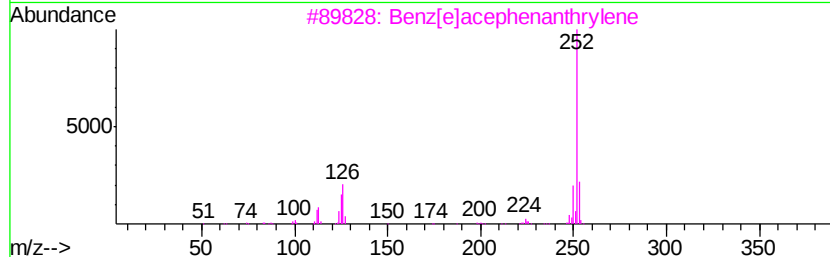
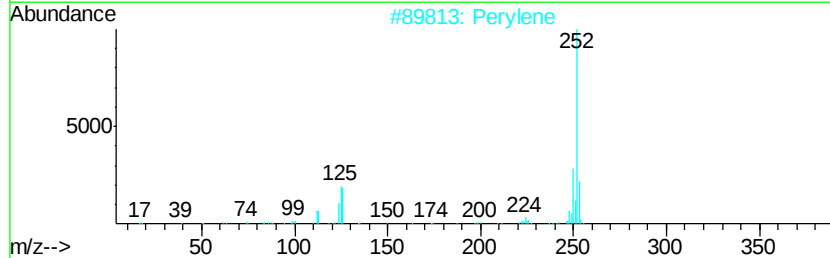
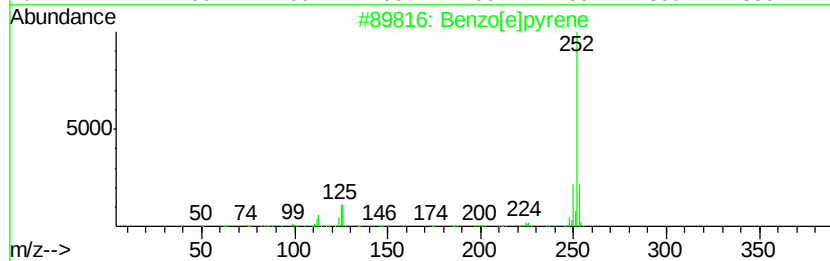
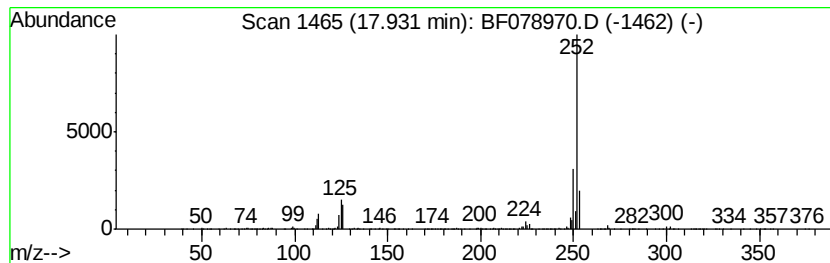
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.74 ng	502783	Perylene-d12	18.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078970.D
 Acq On : 6 May 2015 19:53
 Operator : TP/IZ
 Sample : G2114-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-1(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.48	105.7	ng	2179940	1	7.35	412402	20.0
Butane, 2-methoxy...	1.82	5.0	ng	103753	1	7.35	412402	20.0
unknown7.06	7.06	28.6	ng	588939	1	7.35	412402	20.0
Benzophenone	12.00	3.6	ng	126484	3	11.11	693874	20.0
Phenanthrene, 2-m...	13.58	7.0	ng	264345	4	12.95	757076	20.0
Phenanthrene, 1-m...	13.61	8.1	ng	304987	4	12.95	757076	20.0
1H-Cyclopropa[1]p...	13.67	3.6	ng	136092	4	12.95	757076	20.0
4H-Cyclopenta[def...	13.71	12.2	ng	462624	4	12.95	757076	20.0
Anthracene, 2-met...	13.75	3.3	ng	124318	4	12.95	757076	20.0
Naphthalene, 2-ph...	13.95	6.8	ng	255718	4	12.95	757076	20.0
Phenanthrene, 2,5...	14.26	5.0	ng	189645	4	12.95	757076	20.0
di-p-Tolylacetylene	14.31	4.5	ng	168812	4	12.95	757076	20.0
Cyclopenta(def)ph...	14.37	4.1	ng	155011	4	12.95	757076	20.0
Phenol, 4,4'-(1-m...	14.81	5.3	ng	540229	5	16.26	2029930	20.0
11H-Benzo[b]fluorene	15.15	4.3	ng	436665	5	16.26	2029930	20.0
Benzo[e]pyrene	17.93	10.7	ng	502783	6	18.07	936634	20.0