

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078638.D
 Acq On : 18 Apr 2015 11:53
 Operator : TP/IZ
 Sample : G1854-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11B

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	1.438	21	22	28	rBV	116059	187402	7.01%	0.557%
2	1.530	28	30	66	rVB	774088	1452862	54.36%	4.318%
3	4.273	268	270	279	rBV	63483	113026	4.23%	0.336%
4	4.902	322	325	338	rVB	645883	804803	30.11%	2.392%
5	5.725	395	397	400	rVB	64985	77183	2.89%	0.229%
6	6.285	444	446	449	rBV	740958	824233	30.84%	2.449%
7	6.387	452	455	458	rVB	936815	910191	34.06%	2.705%
8	6.673	478	480	483	rBV	227495	213669	7.99%	0.635%
9	6.788	488	490	492	rBV	106370	105955	3.96%	0.315%
10	6.833	492	494	495	rBV	132767	163097	6.10%	0.485%
11	6.856	495	496	498	rVB	564890	532158	19.91%	1.581%
12	7.382	539	542	544	rBV	599256	544348	20.37%	1.618%
13	7.953	589	592	593	rBV2	71548	81478	3.05%	0.242%
14	8.285	616	621	623	rVV2	941770	1352044	50.59%	4.018%
15	8.319	623	624	628	rVV2	40166	74295	2.78%	0.221%
16	9.062	682	689	693	rBV6	28560	121274	4.54%	0.360%
17	9.142	693	696	698	rVV	555421	597948	22.37%	1.777%
18	9.256	703	706	708	rBV	362792	353235	13.22%	1.050%
19	9.451	719	723	726	rBV4	24020	66916	2.50%	0.199%
20	9.599	734	736	739	rVB	656259	801832	30.00%	2.383%
21	9.714	744	746	748	rVV	116813	164101	6.14%	0.488%
22	9.759	748	750	753	rVV3	38670	62793	2.35%	0.187%
23	9.828	754	756	759	rVV	116634	129127	4.83%	0.384%
24	9.919	761	764	766	rVV	192093	303388	11.35%	0.902%
25	9.999	769	771	773	rVV	276431	339916	12.72%	1.010%
26	10.034	773	774	777	rVB	197908	171278	6.41%	0.509%
27	10.148	779	784	790	rVB2	114989	299535	11.21%	0.890%
28	10.239	790	792	794	rBV	75974	84061	3.15%	0.250%
29	10.285	794	796	799	rVB3	38431	60937	2.28%	0.181%
30	10.411	805	807	809	rVV	514060	645142	24.14%	1.917%
31	10.445	809	810	812	rVV	802810	720191	26.95%	2.140%
32	10.479	812	813	817	rVV2	49674	64914	2.43%	0.193%
33	10.559	817	820	822	rVB	61714	112660	4.22%	0.335%
34	10.605	822	824	826	rVB	108277	99535	3.72%	0.296%

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35	10.662	826	829	832	rBV	629847	684788	25.62%	2.035%
36	10.719	832	834	836	rBV	77252	101635	3.80%	0.302%
37	10.811	840	842	844	rVV	89344	150980	5.65%	0.449%
38	10.845	844	845	849	rVV	94045	118798	4.45%	0.353%
39	10.925	849	852	859	rVV3	74109	219007	8.19%	0.651%
40	11.028	859	861	863	rVV2	78127	112748	4.22%	0.335%
41	11.085	863	866	868	rVV	867507	927139	34.69%	2.755%
42	11.165	868	873	874	rVV2	106706	271022	10.14%	0.805%
43	11.188	874	875	876	rVV	209035	165400	6.19%	0.492%
44	11.222	876	878	879	rVV	60606	102294	3.83%	0.304%
45	11.245	879	880	881	rVV	127562	106202	3.97%	0.316%
46	11.279	881	883	888	rVB	203829	321765	12.04%	0.956%
47	11.382	890	892	895	rVV	944146	1087084	40.68%	3.231%
48	11.439	895	897	900	rVB2	95199	109697	4.10%	0.326%
49	11.554	905	907	910	rVB2	93011	97971	3.67%	0.291%
50	11.611	910	912	916	rBV2	93443	186534	6.98%	0.554%
51	11.759	922	925	926	rVV	161241	213964	8.01%	0.636%
52	11.794	926	928	930	rVV2	110305	141555	5.30%	0.421%
53	11.828	930	931	932	rVV	59393	69608	2.60%	0.207%
54	11.862	932	934	936	rVB2	72300	101542	3.80%	0.302%
55	11.931	938	940	945	rBV3	116451	289144	10.82%	0.859%
56	12.057	949	951	953	rBV	110558	181788	6.80%	0.540%
57	12.091	953	954	956	rVB	220751	224893	8.41%	0.668%
58	12.228	964	966	967	rBV	397370	509445	19.06%	1.514%
59	12.262	967	969	971	rVV	2460013	2672581	100.00%	7.942%
60	12.320	971	974	976	rVV	668980	651234	24.37%	1.935%
61	12.491	988	989	991	rBV	61148	63338	2.37%	0.188%
62	12.537	991	993	994	rVV	99701	121918	4.56%	0.362%
63	12.571	994	996	998	rVV3	31470	67846	2.54%	0.202%
64	12.617	998	1000	1003	rVB3	42170	101122	3.78%	0.301%
65	12.845	1018	1020	1022	rBV	214840	322244	12.06%	0.958%
66	12.880	1022	1023	1026	rVB	298628	353857	13.24%	1.052%
67	12.937	1026	1028	1030	rBV	123552	166076	6.21%	0.494%
68	12.982	1030	1032	1033	rBV2	292884	462557	17.31%	1.375%
69	13.222	1052	1053	1057	rVB	182468	254725	9.53%	0.757%
70	13.417	1067	1070	1072	rBV2	63177	123740	4.63%	0.368%
71	13.542	1077	1081	1082	rBV2	93933	227699	8.52%	0.677%

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72	13.577	1082	1084	1088	rVB4	86213	172128	6.44%	0.512%
73	13.645	1088	1090	1092	rVB2	45616	59420	2.22%	0.177%
74	13.725	1094	1097	1098	rVB	1397311	1464859	54.81%	4.353%
75	13.794	1101	1103	1105	rVB3	263584	347822	13.01%	1.034%
76	13.885	1109	1111	1113	rVB	63337	74078	2.77%	0.220%
77	13.988	1117	1120	1122	rBV2	1048737	1269612	47.51%	3.773%
78	14.057	1124	1126	1128	rVB2	56529	61268	2.29%	0.182%
79	14.148	1131	1134	1137	rBV2	87465	188563	7.06%	0.560%
80	14.217	1137	1140	1142	rVB	1273271	1477420	55.28%	4.391%
81	14.274	1142	1145	1147	rVB3	56190	79855	2.99%	0.237%
82	14.400	1150	1156	1158	rBV2	170588	355835	13.31%	1.057%
83	14.491	1161	1164	1165	rBV	140948	204543	7.65%	0.608%
84	14.525	1165	1167	1169	rBV2	101840	148496	5.56%	0.441%
85	14.845	1193	1195	1197	rVV	61507	76817	2.87%	0.228%
86	14.925	1200	1202	1204	rVV2	41829	74037	2.77%	0.220%
87	15.005	1207	1209	1214	rVV2	69065	137496	5.14%	0.409%
88	15.154	1220	1222	1224	rVV	57292	66455	2.49%	0.197%
89	15.200	1224	1226	1228	rVV2	44005	81797	3.06%	0.243%
90	15.246	1228	1230	1232	rVV2	38244	66523	2.49%	0.198%
91	15.360	1237	1240	1242	rBV2	30505	58886	2.20%	0.175%
92	15.406	1242	1244	1246	rVV2	110365	181807	6.80%	0.540%
93	15.463	1246	1249	1251	rVV2	578767	952964	35.66%	2.832%
94	16.194	1311	1313	1316	rVB2	42943	70193	2.63%	0.209%
95	16.674	1352	1355	1356	rVV	57158	99314	3.72%	0.295%
96	16.709	1356	1358	1363	rVB	93903	223694	8.37%	0.665%
97	16.994	1382	1383	1385	rVV	46421	65990	2.47%	0.196%
98	17.063	1386	1389	1391	rVV	64903	102594	3.84%	0.305%
99	17.120	1391	1394	1401	rVV	498764	635403	23.77%	1.888%
100	18.732	1532	1535	1540	rVB4	60209	131871	4.93%	0.392%

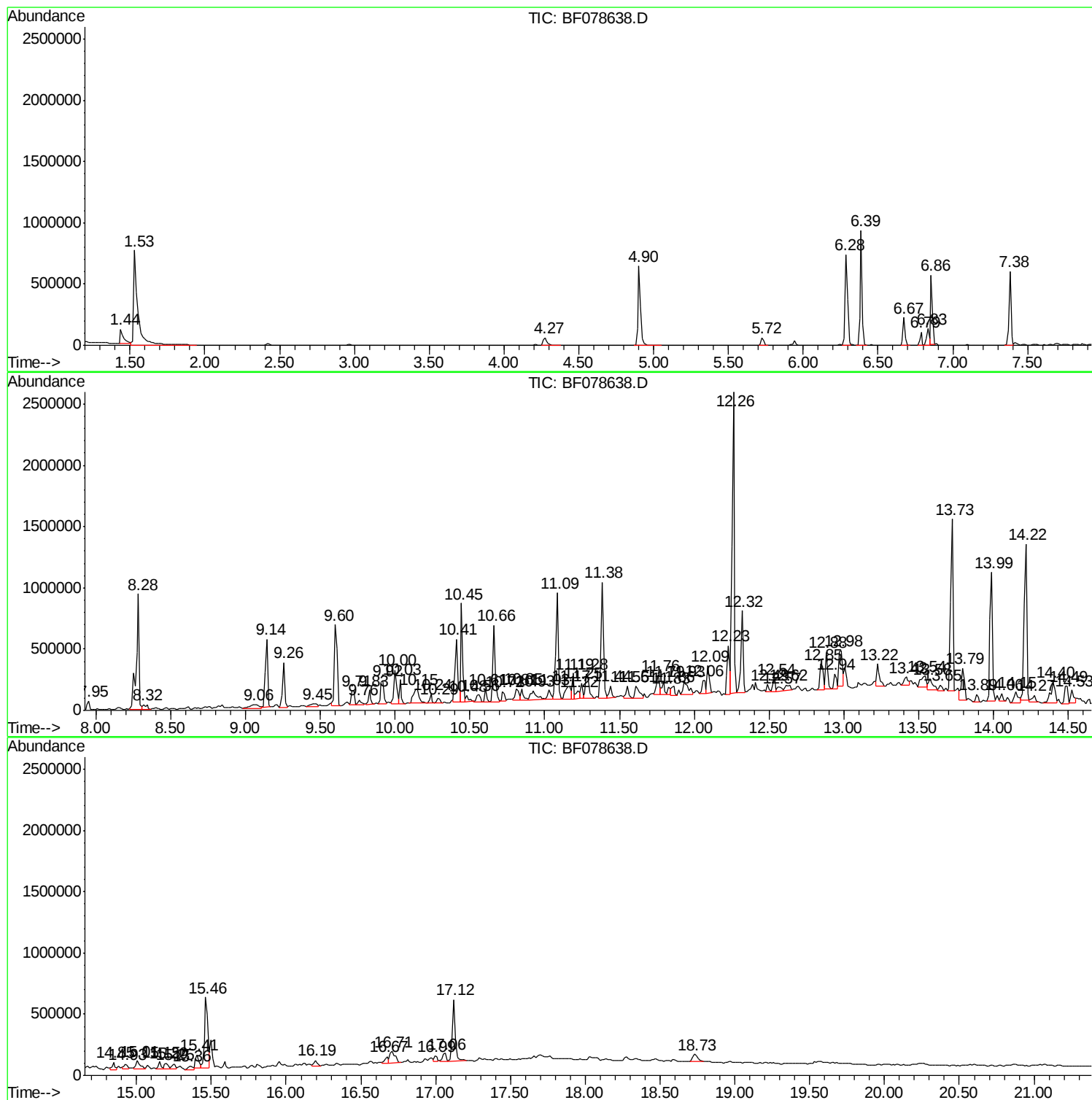
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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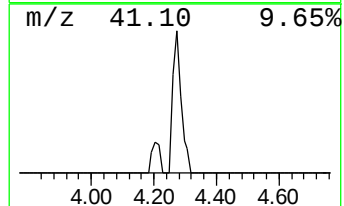
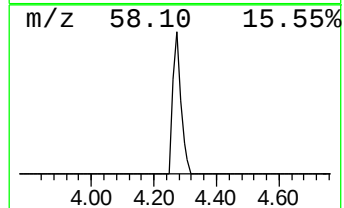
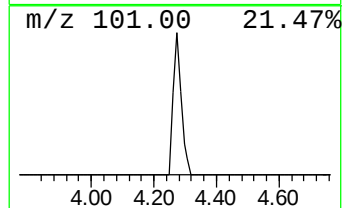
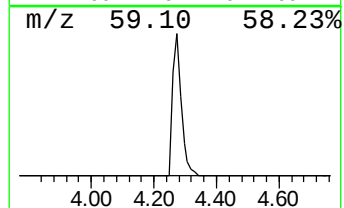
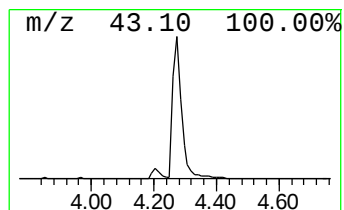
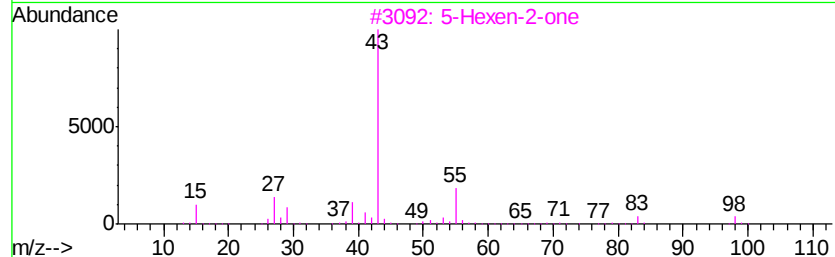
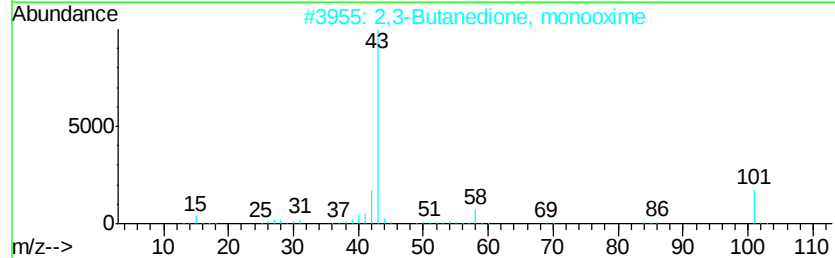
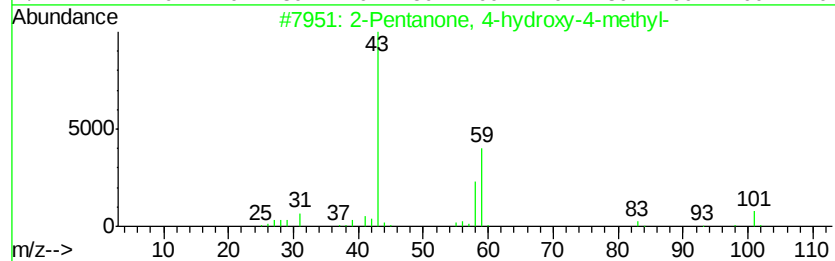
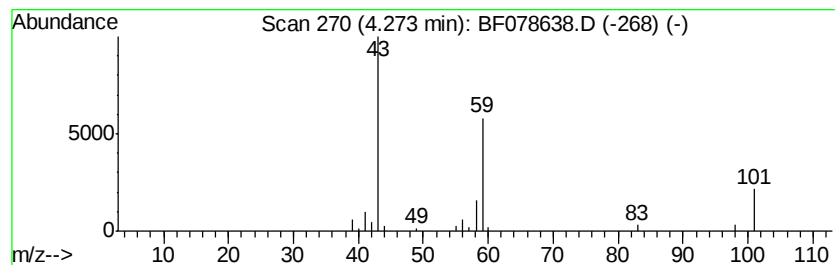
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	10.58 ng	113026	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		3-Hexanol	102	C6H14O	000623-37-0	9
5		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9



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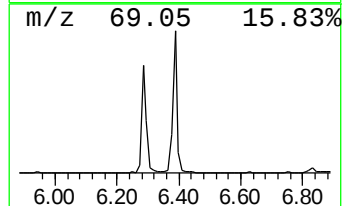
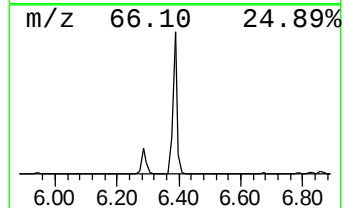
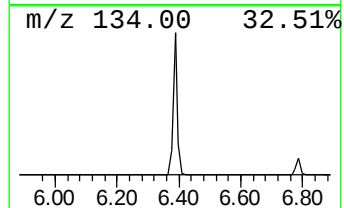
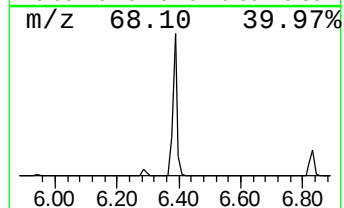
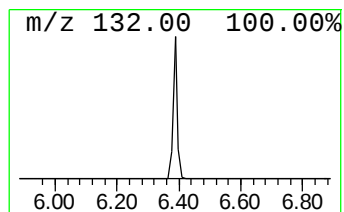
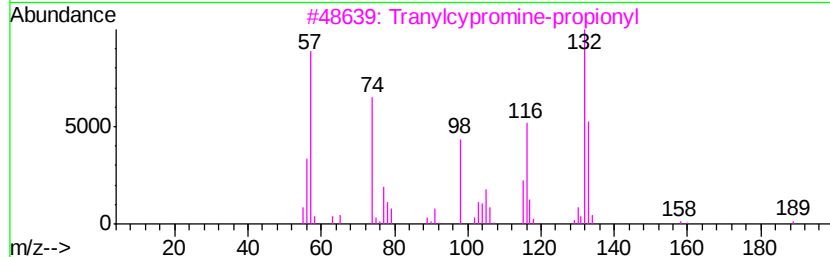
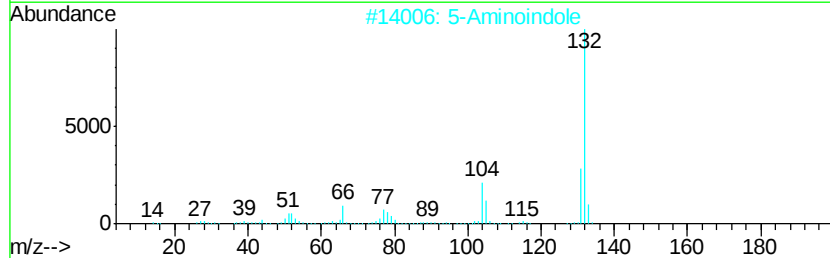
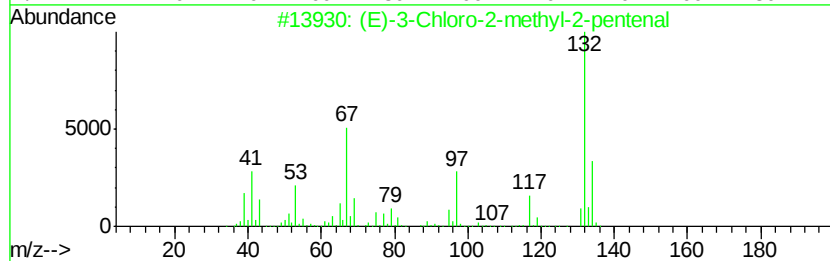
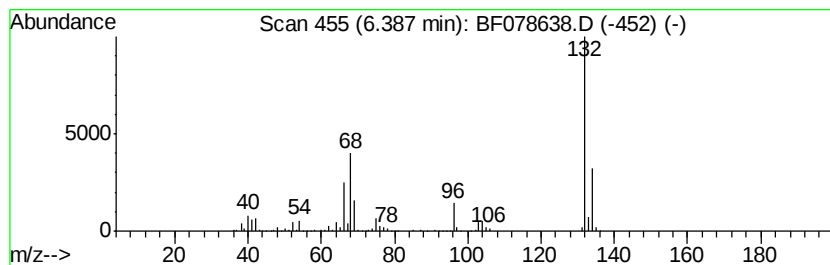
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	85.20 ng	910191	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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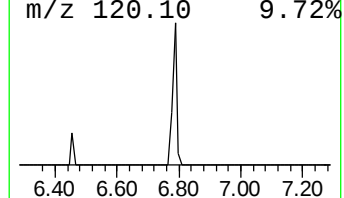
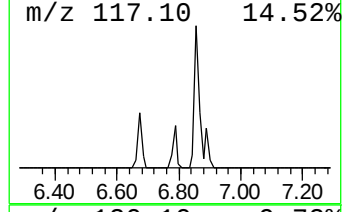
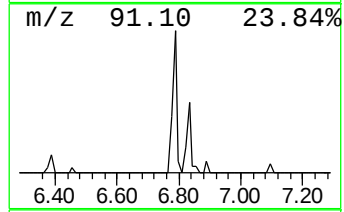
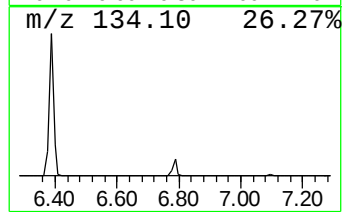
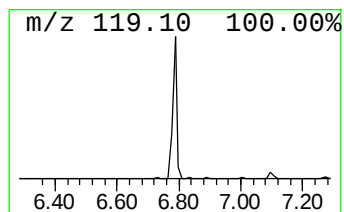
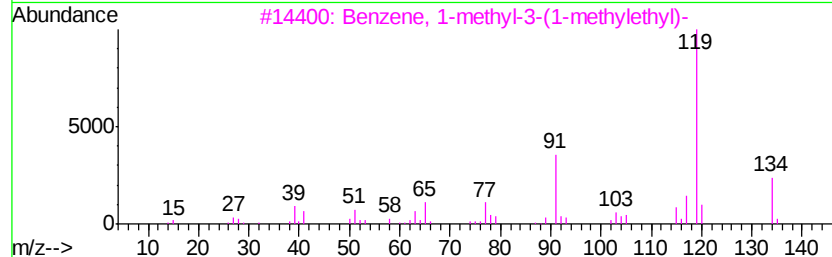
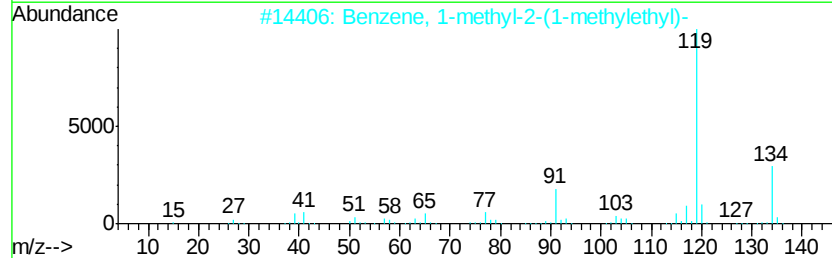
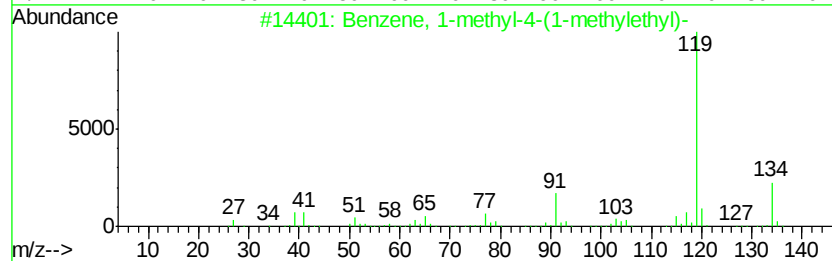
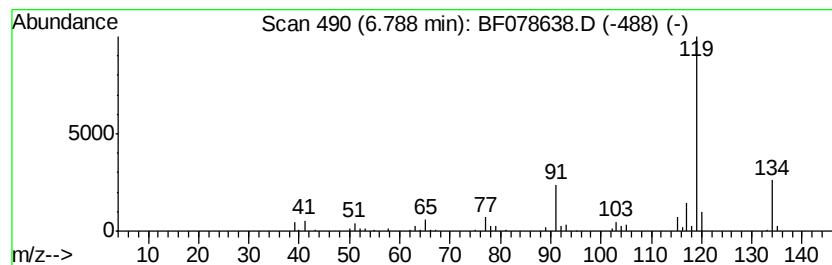
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	9.92 ng	105955	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	97
2		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

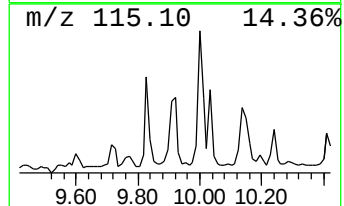
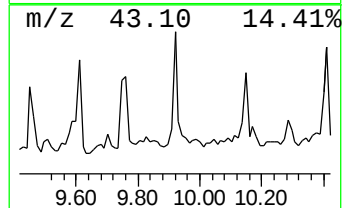
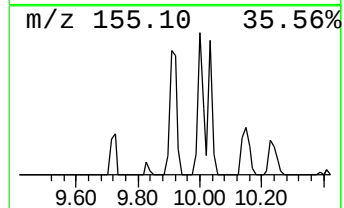
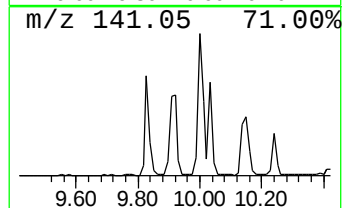
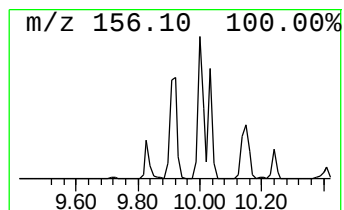
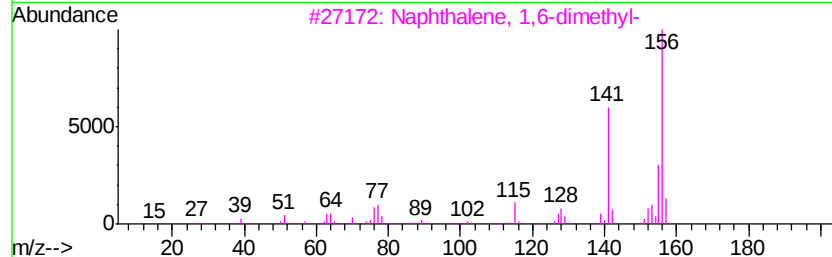
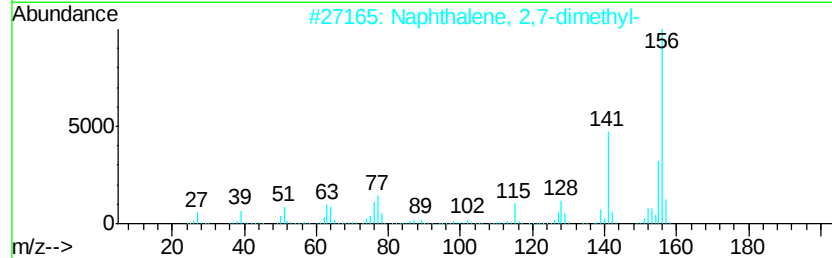
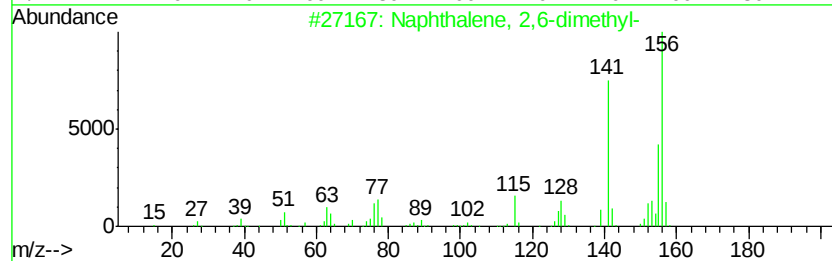
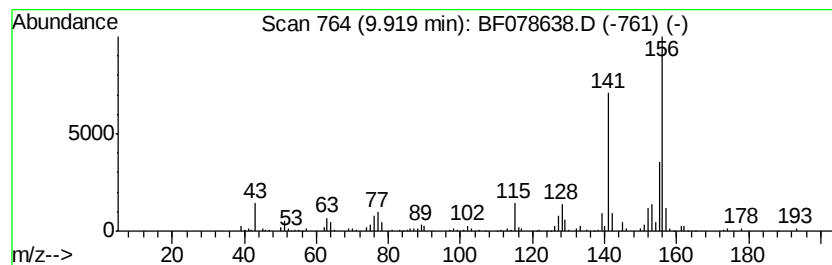
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	9.41 ng	303388	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

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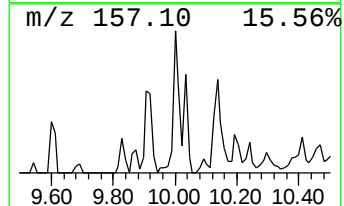
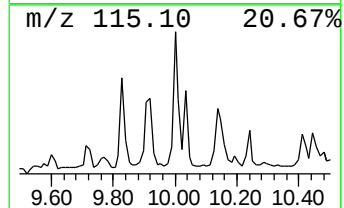
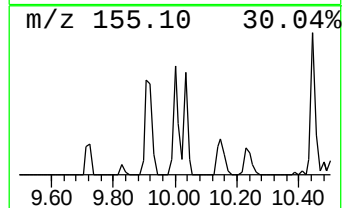
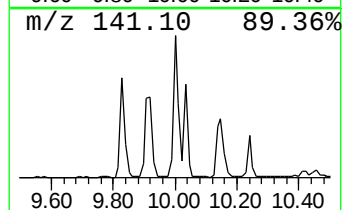
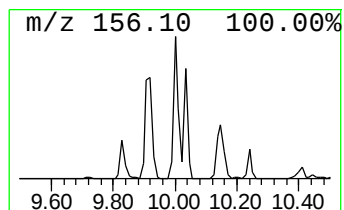
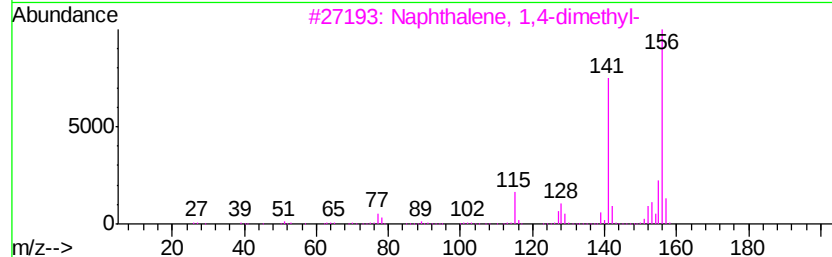
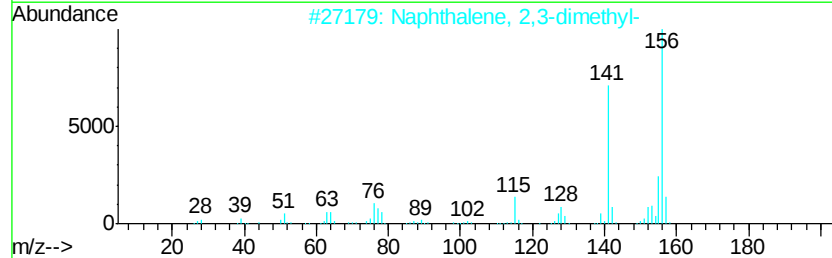
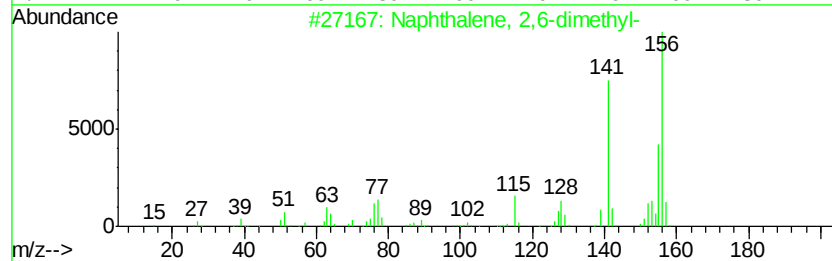
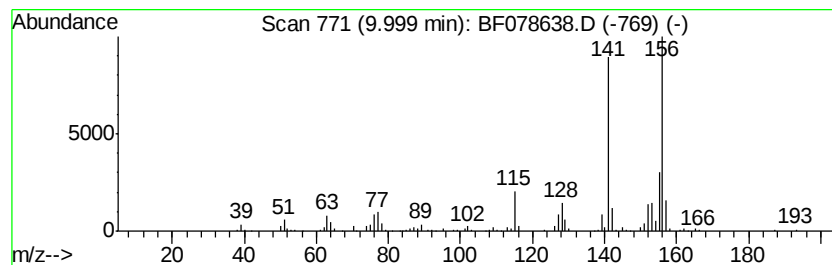
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	10.54 ng	339916	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
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Sample : G1854-02
Misc :
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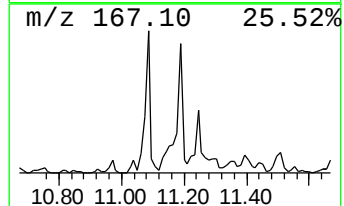
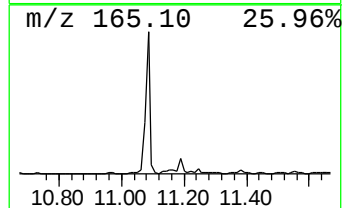
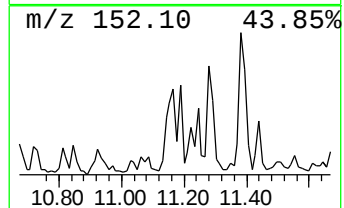
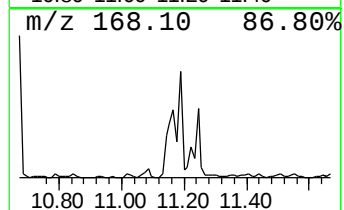
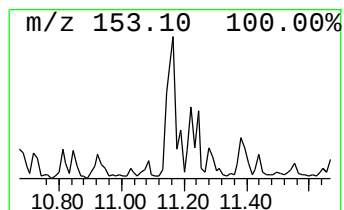
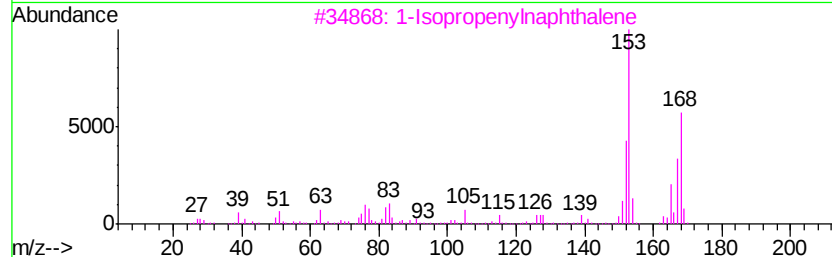
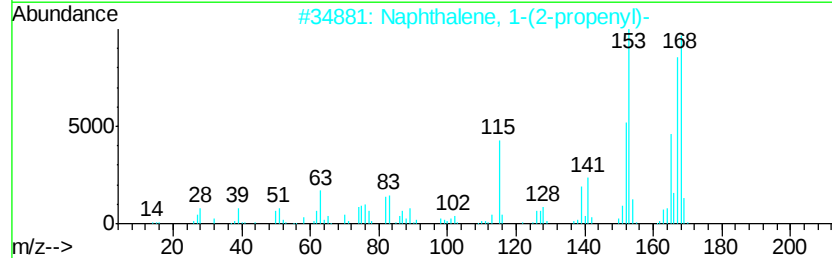
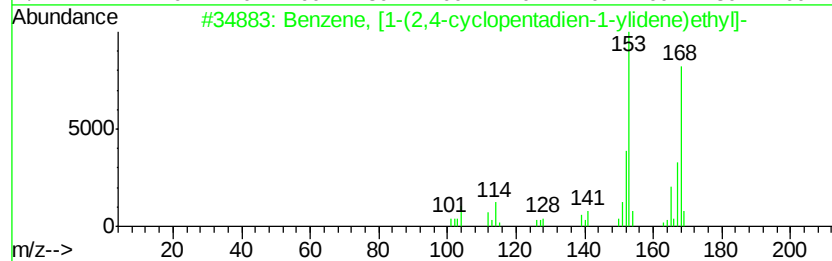
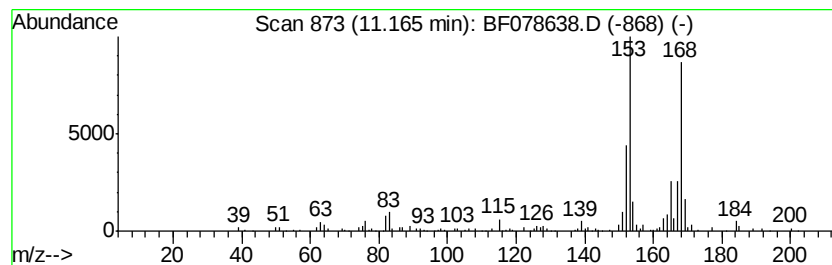
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, [1-(2,4-cyclopenta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	8.40 ng	271022	Acenaphthene-d10	10.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3		1-Isopropenyl naphthalene	168	C13H12	001855-47-6	64
4		1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	50
5		Ethanone, 1-(2,3,4-trihydroxyph...	168	C8H8O4	000528-21-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
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Instrument :
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ClientSampleId :
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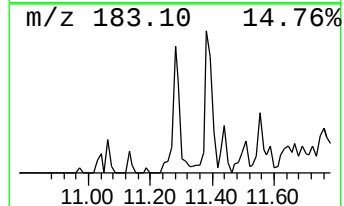
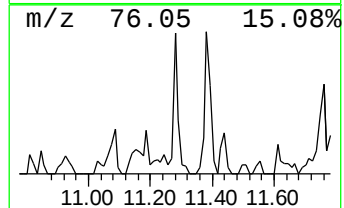
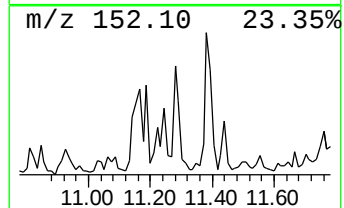
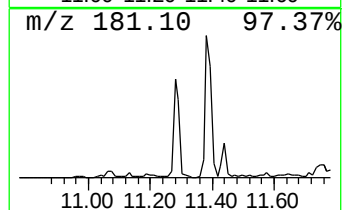
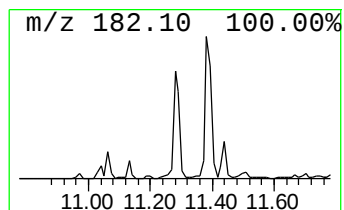
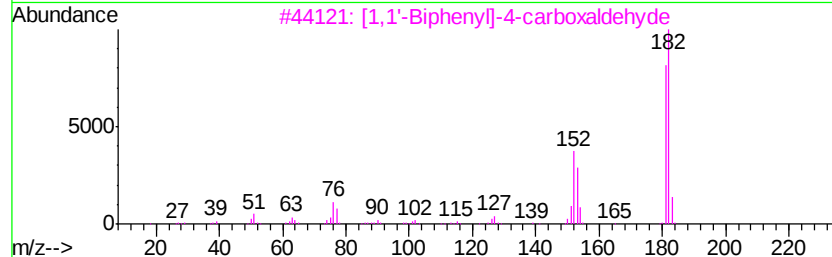
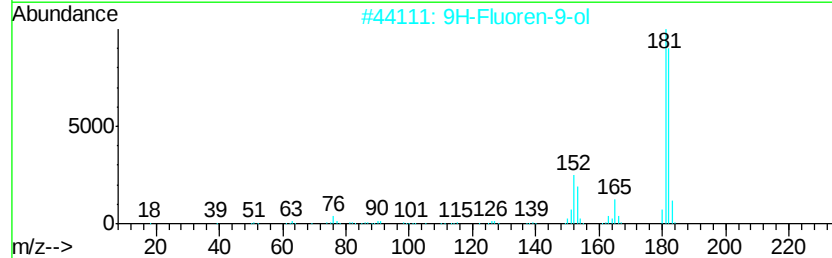
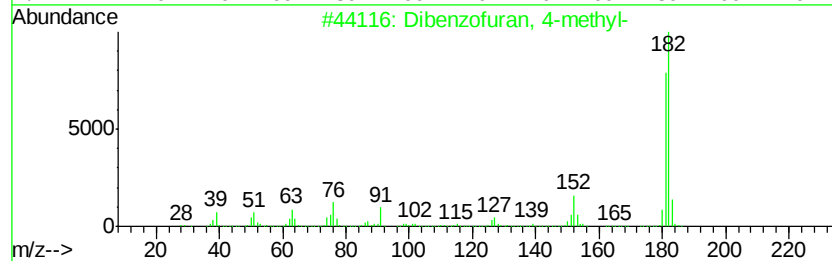
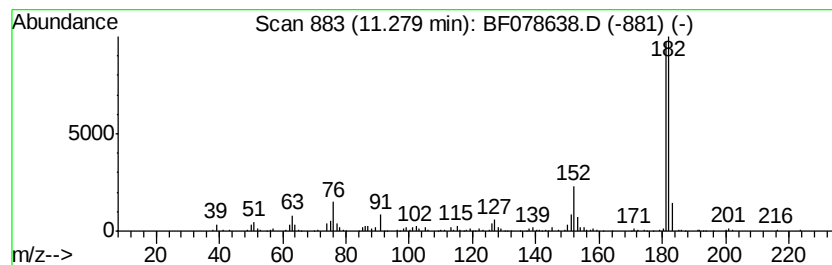
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	9.98 ng	321765	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5		9H-Xanthene	182	C13H10O	000092-83-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
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Sample : G1854-02
Misc :
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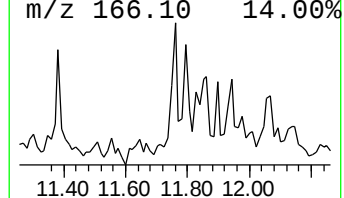
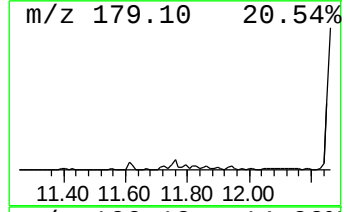
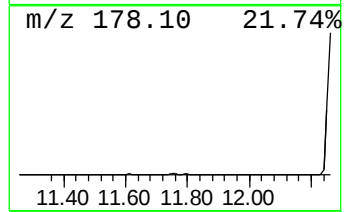
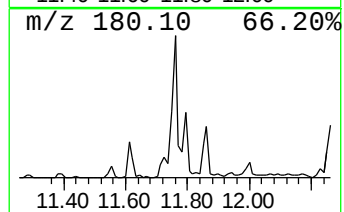
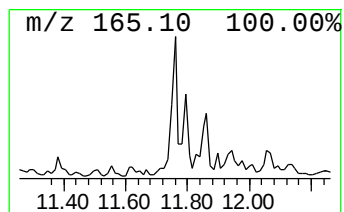
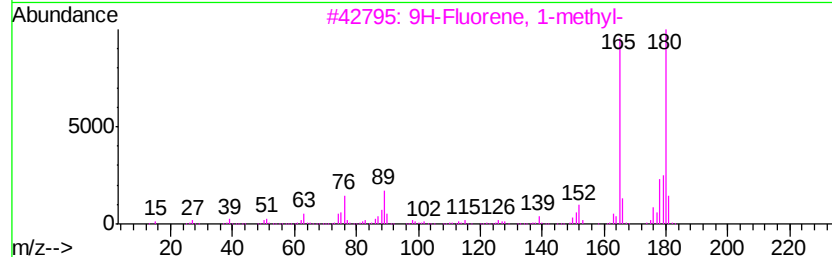
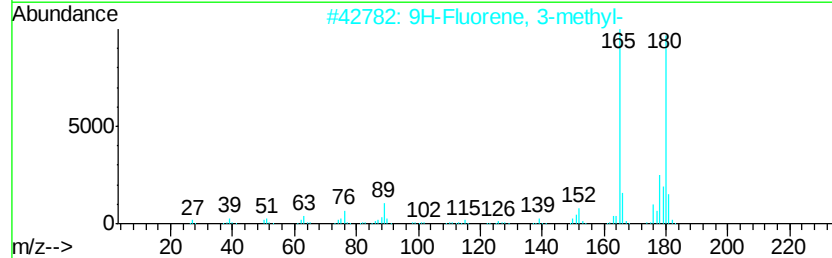
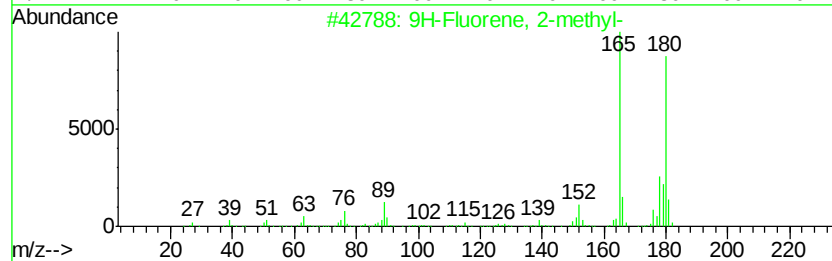
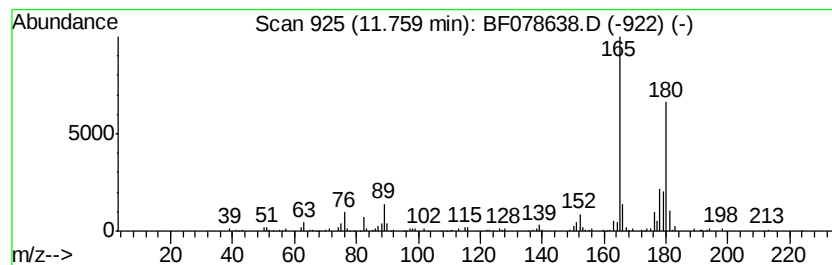
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.40 ng	213964	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
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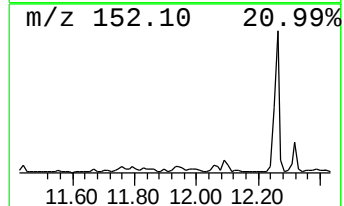
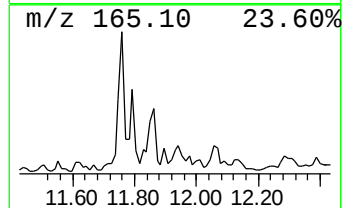
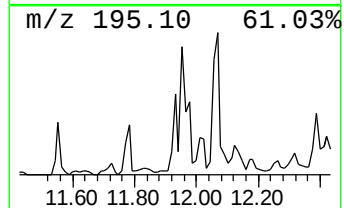
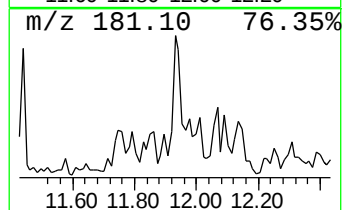
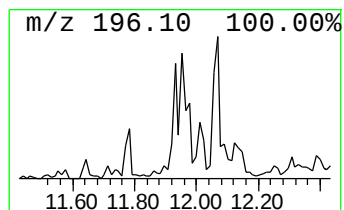
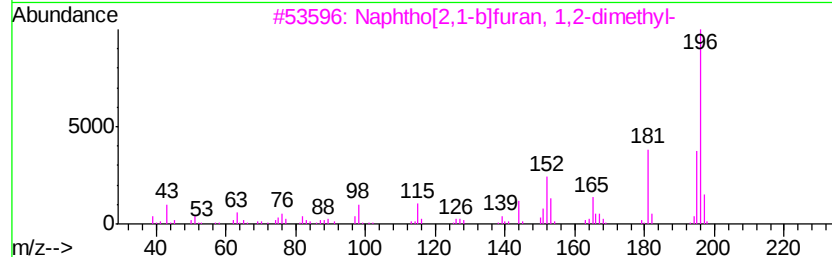
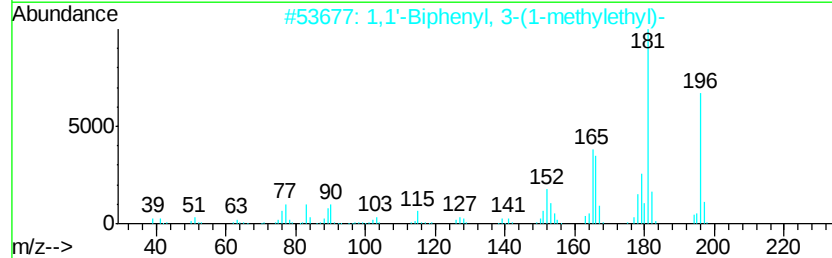
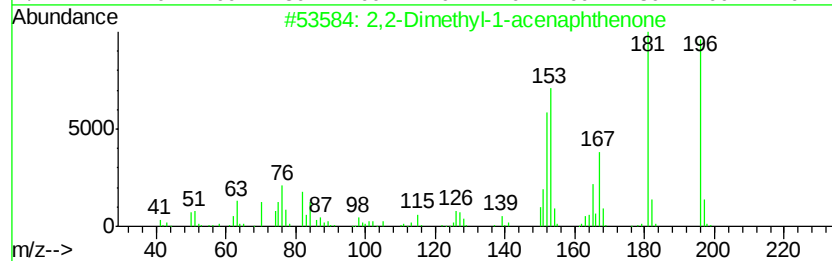
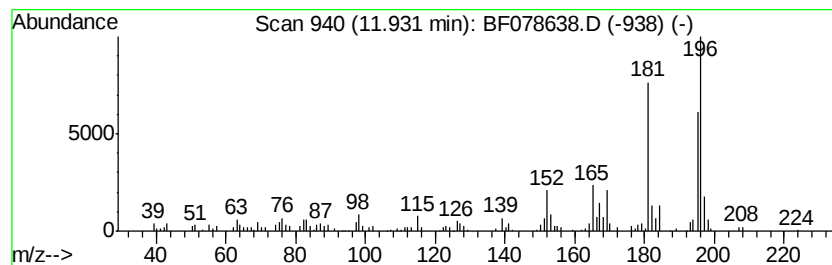
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2,2-Dimethyl-1-acenaphthenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	11.35 ng	289144	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	70
2		1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	53
3		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
4		Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	47
5		Ethanone, 1-(2-hydroxy-4,6-dimet...	196	C10H12O4	000090-24-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
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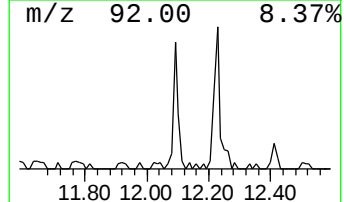
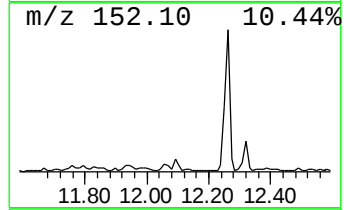
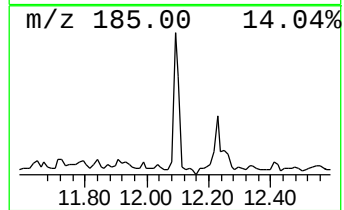
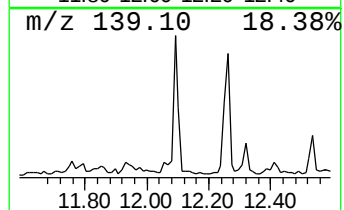
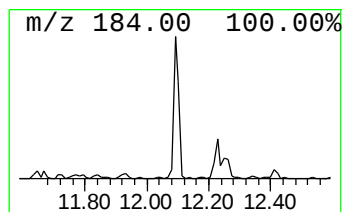
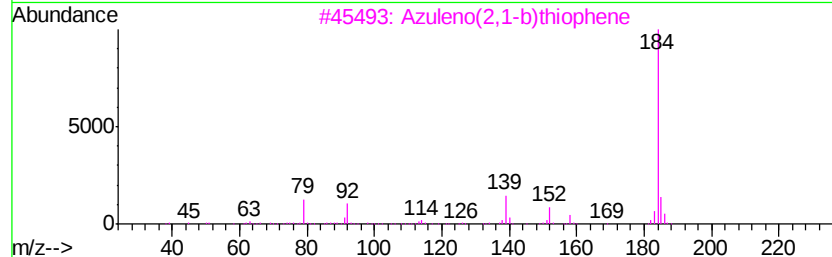
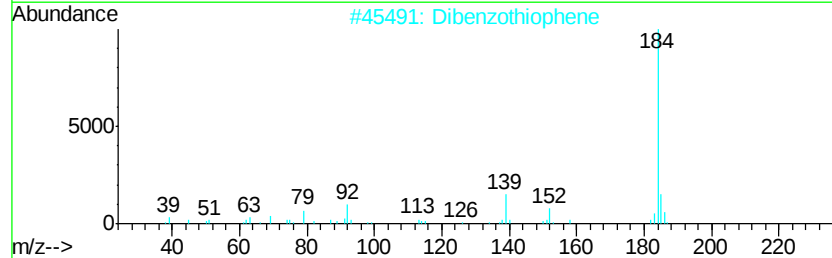
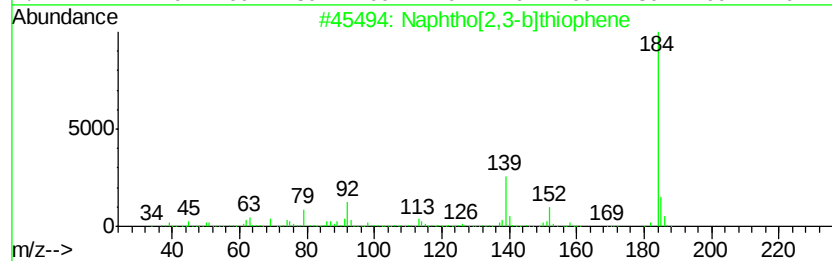
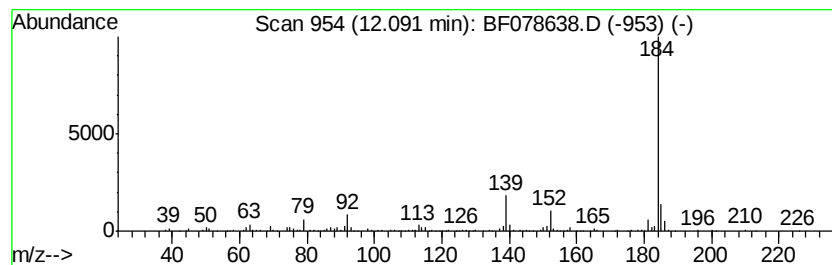
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.83 ng	224893	Phenanthrene-d10	12.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2			Dibenzothiophene	184	C12H8S	000132-65-0	93
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5			Phenol, 4-(phenylmethyl)-	184	C13H12O	000101-53-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

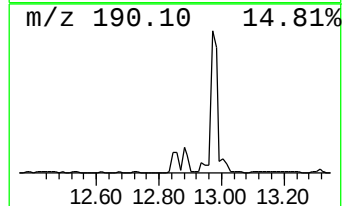
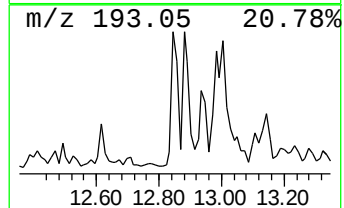
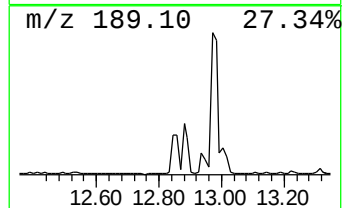
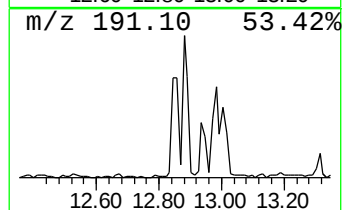
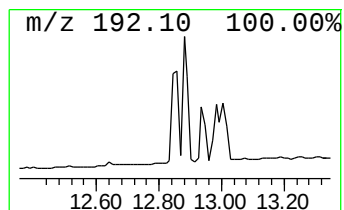
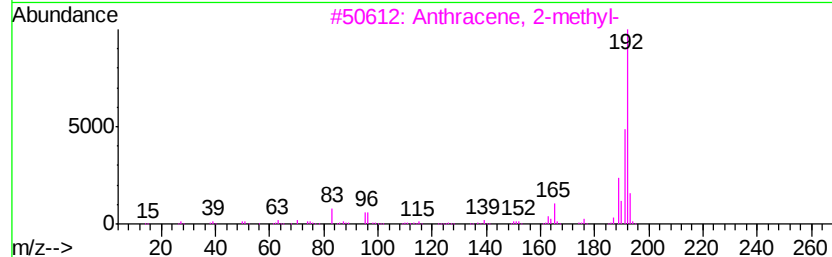
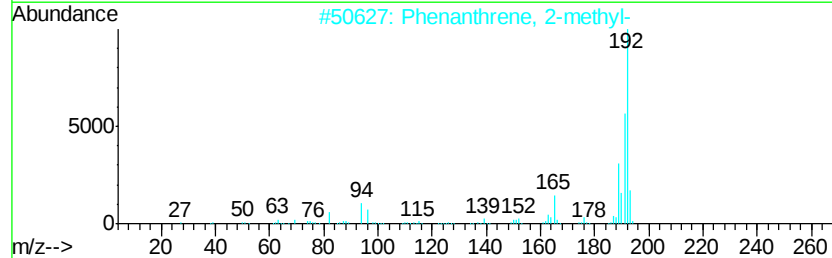
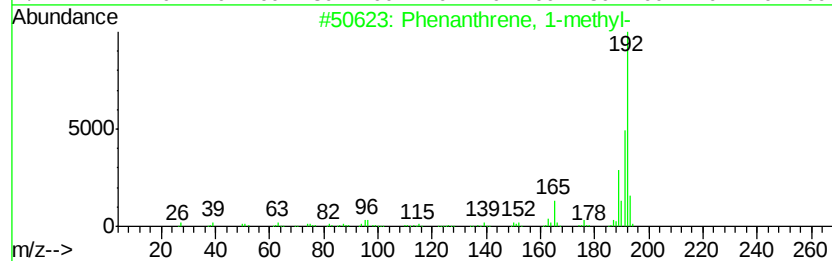
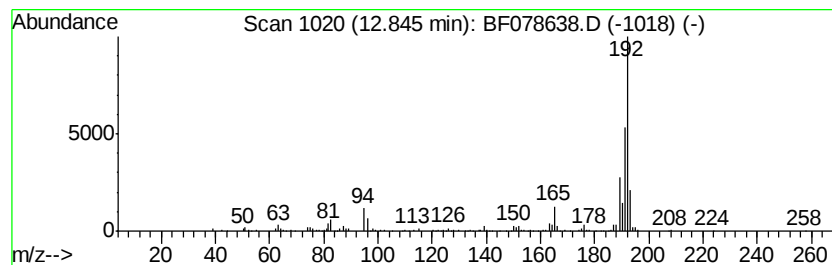
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.85	12.65 ng	322244	Phenanthrene-d10	12.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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Sample : G1854-02
Misc :
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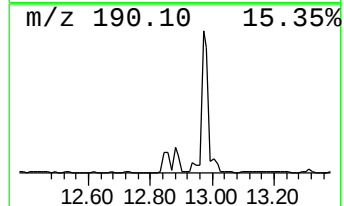
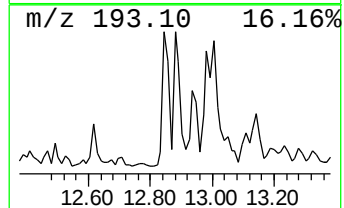
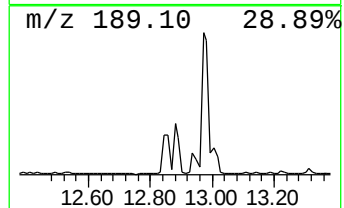
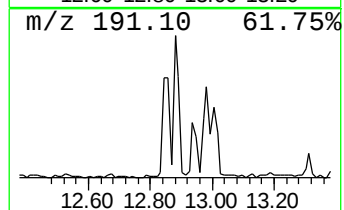
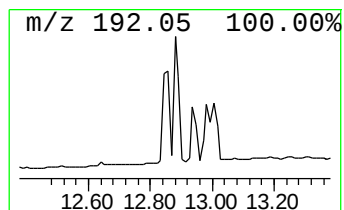
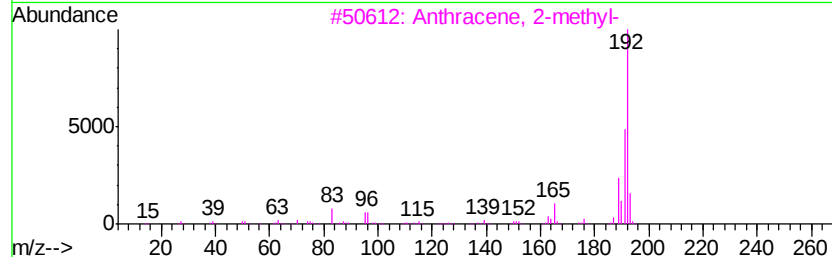
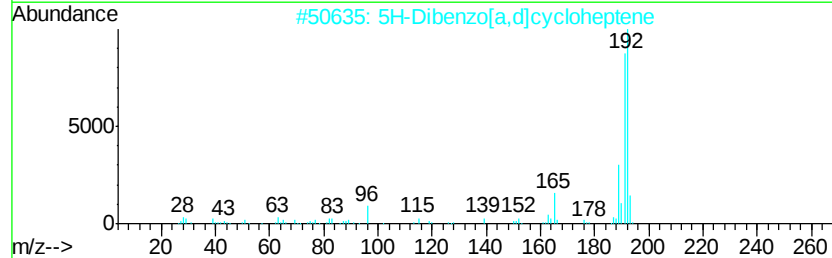
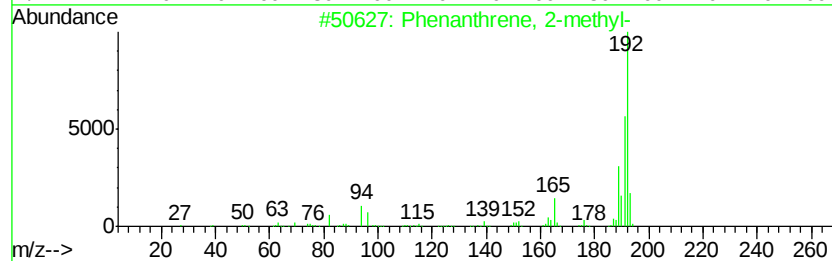
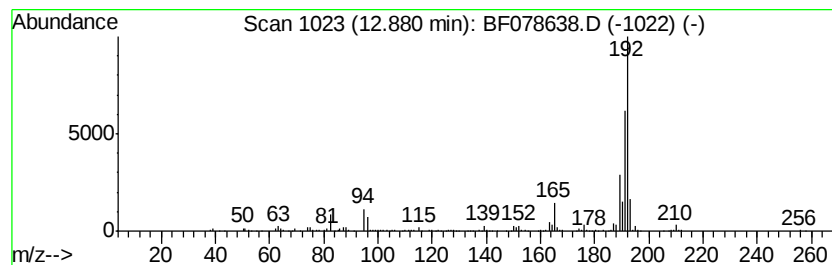
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.88	13.89 ng	353857	Phenanthrene-d10	12.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

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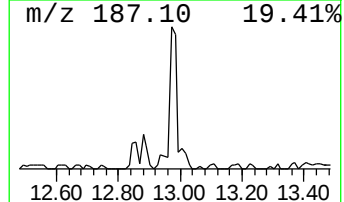
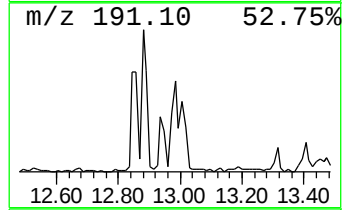
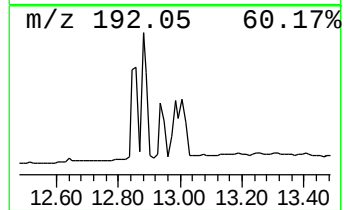
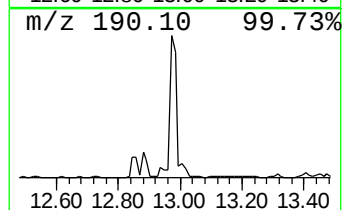
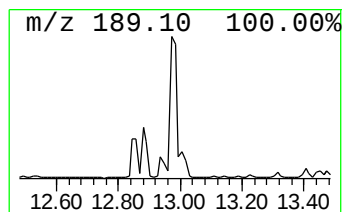
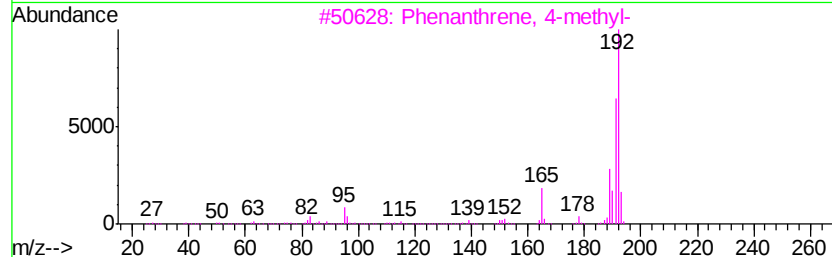
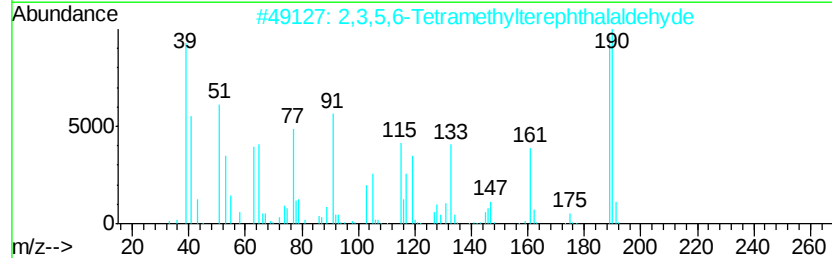
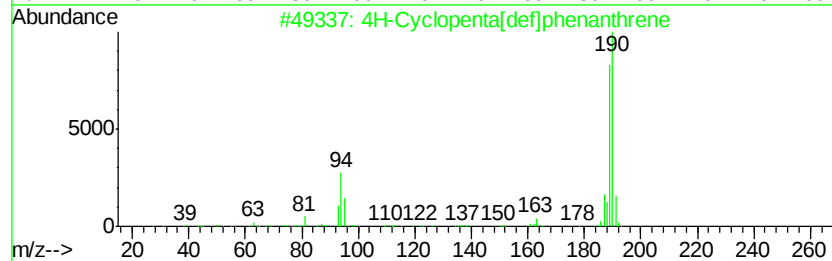
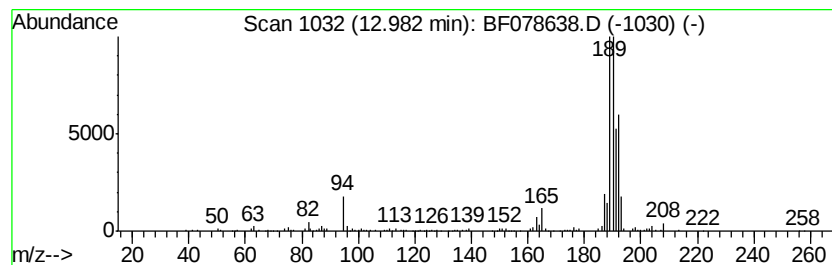
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	18.16 ng	462557	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Sample : G1854-02
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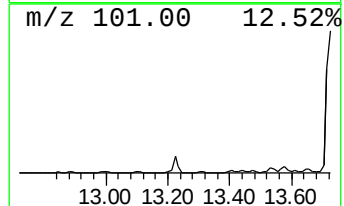
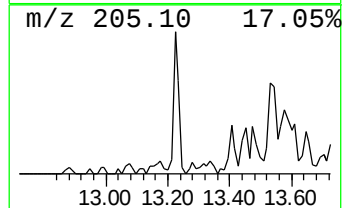
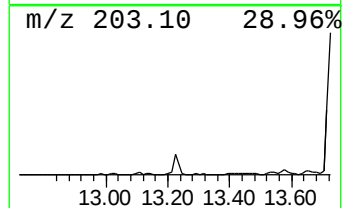
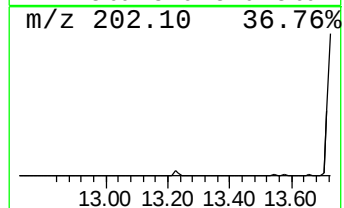
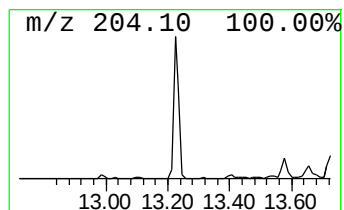
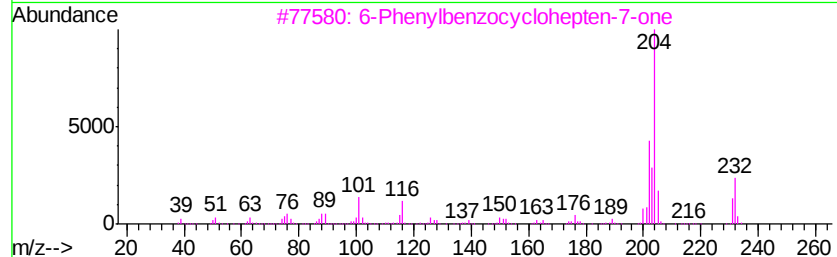
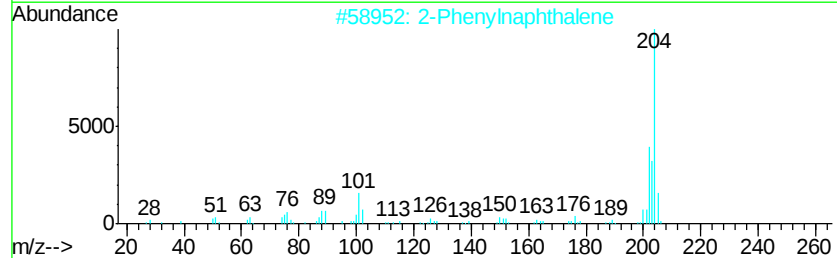
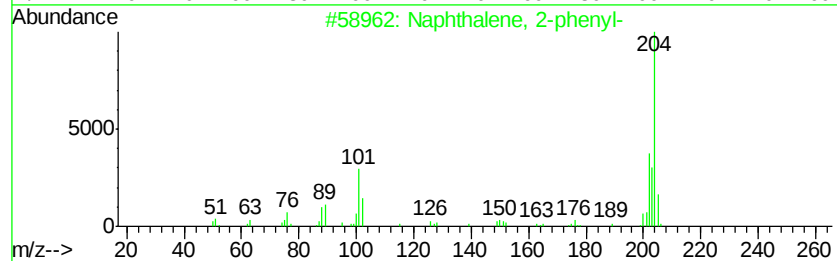
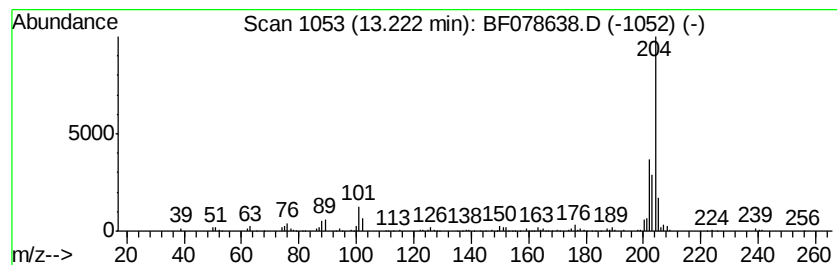
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.22	10.00 ng	254725	Phenanthrene-d10	12.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

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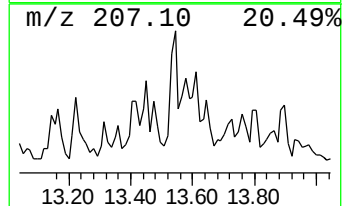
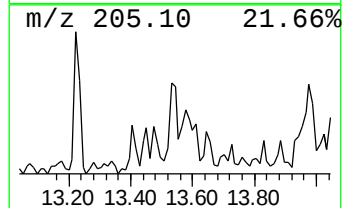
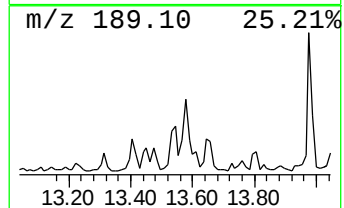
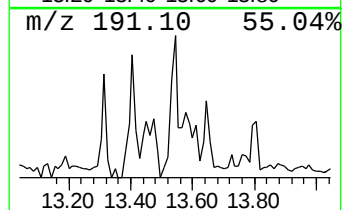
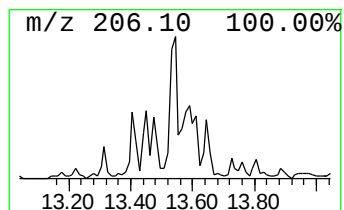
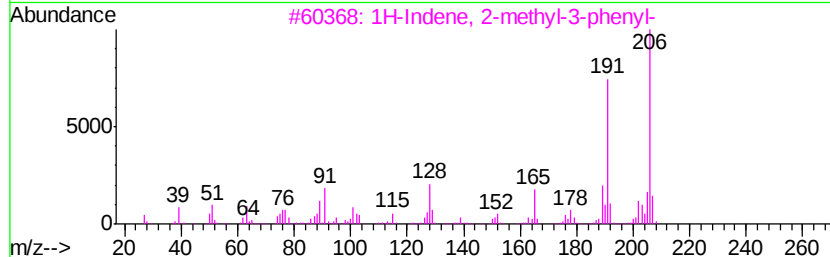
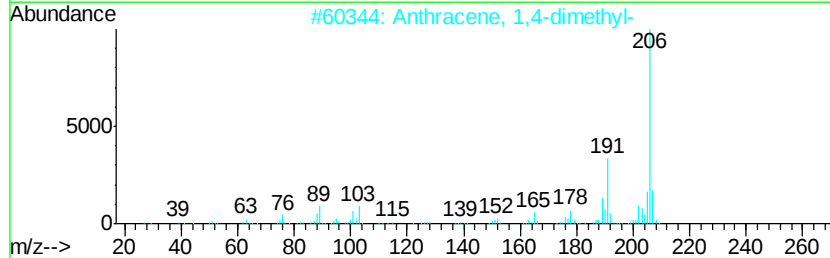
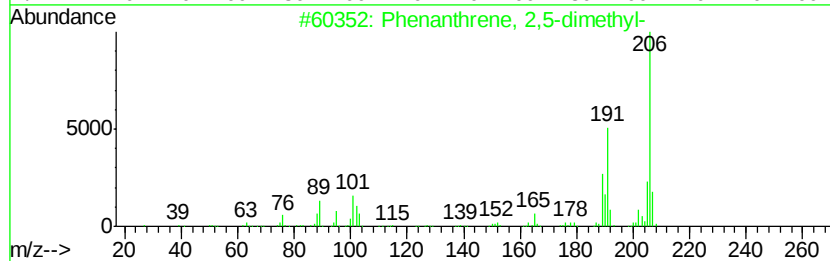
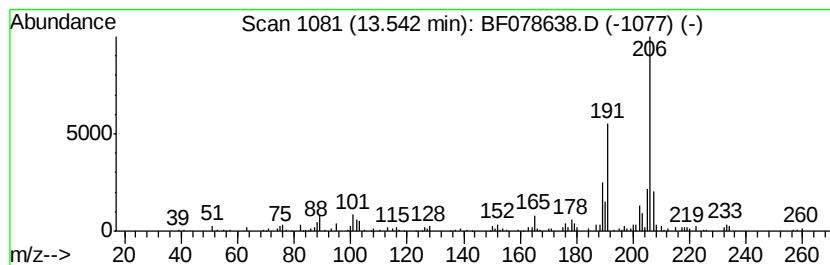
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	8.94 ng	227699	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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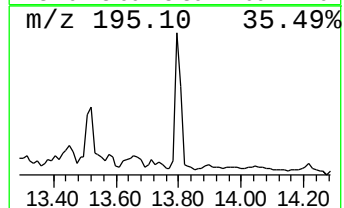
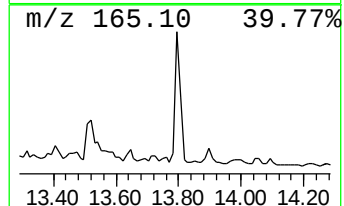
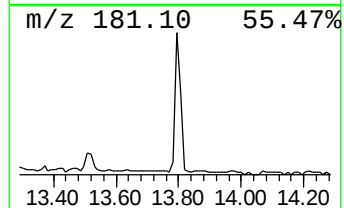
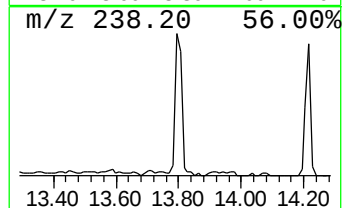
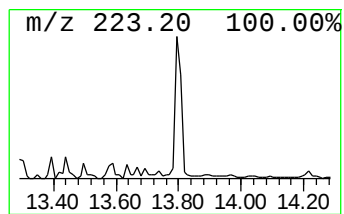
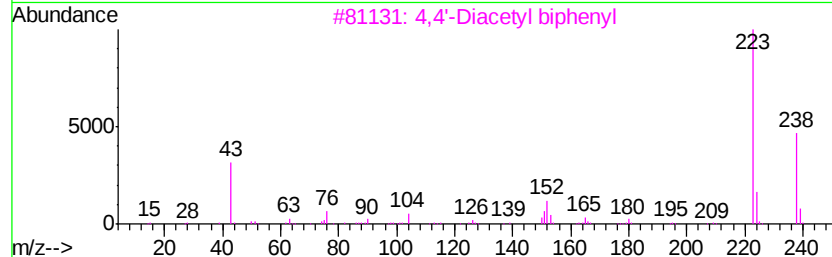
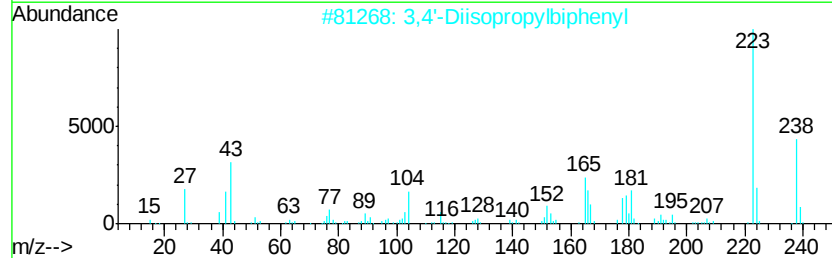
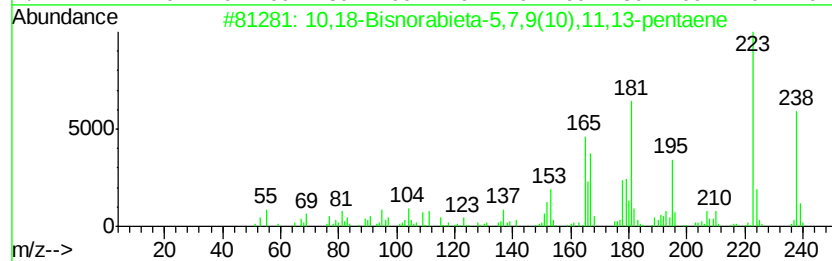
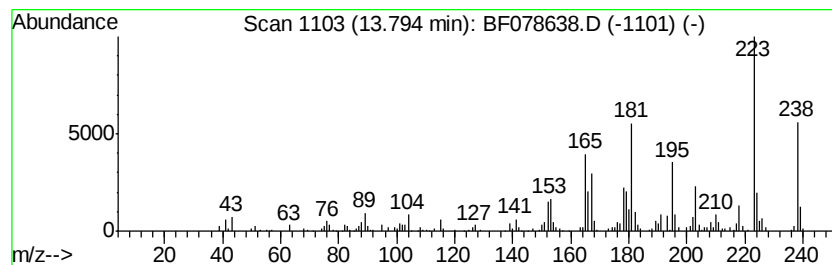
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.79	13.65 ng	347822	Phenanthrene-d10		12.23		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99		
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58		
3	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	46		
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	45		
5	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	45		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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 Acq On : 18 Apr 2015 11:53
 Operator : TP/IZ
 Sample : G1854-02
 Misc :
 ALS Vial : 35 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
2-Pentanone, 4-hy...	4.27	10.6	ng	113026	1	6.67	213669	20.0
unknown6.39	6.39	85.2	ng	910191	1	6.67	213669	20.0
Benzene, 1-methyl...	6.79	9.9	ng	105955	1	6.67	213669	20.0
Cyclohexene, 1-me...	6.83	15.3	ng	163097	1	6.67	213669	20.0
Naphthalene, 2,6-...	9.92	9.4	ng	303388	3	10.41	645142	20.0
Naphthalene, 2,3-...	10.00	10.5	ng	339916	3	10.41	645142	20.0
Benzene, [1-(2,4-...	11.17	8.4	ng	271022	3	10.41	645142	20.0
Dibenzofuran, 4-m...	11.28	10.0	ng	321765	3	10.41	645142	20.0
9H-Fluorene, 2-me...	11.76	8.4	ng	213964	4	12.23	509445	20.0
2,2-Dimethyl-1-ac...	11.93	11.4	ng	289144	4	12.23	509445	20.0
Naphtho[2,3-b]thi...	12.09	8.8	ng	224893	4	12.23	509445	20.0
Phenanthrene, 1-m...	12.85	12.7	ng	322244	4	12.23	509445	20.0
Phenanthrene, 2-m...	12.88	13.9	ng	353857	4	12.23	509445	20.0
4H-Cyclopenta[def...	12.98	18.2	ng	462557	4	12.23	509445	20.0
Naphthalene, 2-ph...	13.22	10.0	ng	254725	4	12.23	509445	20.0
Anthracene, 1,4-d...	13.54	8.9	ng	227699	4	12.23	509445	20.0
10,18-Bisnorabiet...	13.79	13.7	ng	347822	4	12.23	509445	20.0