

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
 Data File : BF104140.D
 Acq On : 2 Apr 2018 17:26
 Operator : JU/SJ
 Sample : J2173-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

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-BF032818.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	4.081	333	339	346	rBV	1100739	1632540	4.78%	0.746%
2	4.845	466	469	488	rBV	106395	360226	1.06%	0.165%
3	5.586	586	595	598	rBV	5255095	8030312	23.53%	3.672%
4	5.616	598	600	613	rVB	487183	819931	2.40%	0.375%
5	5.822	629	635	638	rBV	4746170	5861736	17.17%	2.680%
6	6.128	683	687	693	rBV	694350	678277	1.99%	0.310%
7	6.481	743	747	750	rBV	1340157	1339913	3.93%	0.613%
8	6.516	750	753	756	rVV	1182348	1260719	3.69%	0.576%
9	6.557	756	760	766	rVV	2589801	2554192	7.48%	1.168%
10	6.610	766	769	771	rVV	304372	387767	1.14%	0.177%
11	6.639	771	774	778	rVV	1015679	1202753	3.52%	0.550%
12	6.675	778	780	787	rVV2	277332	408162	1.20%	0.187%
13	6.745	787	792	795	rVV	915546	1244960	3.65%	0.569%
14	6.798	795	801	803	rVV	3362817	6232243	18.26%	2.850%
15	6.839	803	808	820	rVV	5670815	9701426	28.42%	4.436%
16	6.969	826	830	831	rBV	345770	365647	1.07%	0.167%
17	7.016	835	838	845	rVV	1846645	1968847	5.77%	0.900%
18	7.163	852	863	866	rBV	6217462	14554365	42.64%	6.655%
19	7.228	870	874	879	rVV	4354453	5322903	15.59%	2.434%
20	7.269	879	881	888	rVB	553417	493744	1.45%	0.226%
21	7.380	896	900	904	rBV	481649	809114	2.37%	0.370%
22	7.486	914	918	921	rVV	579752	519715	1.52%	0.238%
23	7.522	921	924	934	rVB2	1156421	1746898	5.12%	0.799%
24	7.610	934	939	942	rBV	2241131	2522915	7.39%	1.154%
25	7.669	942	949	952	rVV	4079116	6923274	20.28%	3.166%
26	7.692	952	953	956	rVV	1604900	1164619	3.41%	0.533%
27	7.910	979	990	992	rBV	1496790	2028560	5.94%	0.928%
28	7.980	998	1002	1007	rVB4	2146600	3219284	9.43%	1.472%
29	8.039	1007	1012	1015	rVV2	732106	1361766	3.99%	0.623%
30	8.069	1015	1017	1021	rVV	990063	956545	2.80%	0.437%
31	8.133	1025	1028	1033	rVB2	414567	498656	1.46%	0.228%
32	8.345	1046	1064	1066	rVV	6034609	34133076	100.00%	15.608%
33	8.375	1066	1069	1075	rVV	5357205	6908022	20.24%	3.159%
34	8.422	1075	1077	1084	rVB	694911	925320	2.71%	0.423%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.516	1090	1093	1097	rVB2	465245	533635	1.56%	0.244%
36	8.604	1106	1108	1116	rVB2	640035	842057	2.47%	0.385%
37	8.722	1123	1128	1133	rBV4	651290	894748	2.62%	0.409%
38	8.857	1146	1151	1157	rVV2	2306321	3191179	9.35%	1.459%
39	8.916	1157	1161	1165	rVV2	872593	1167548	3.42%	0.534%
40	8.969	1165	1170	1175	rVV	4622450	6169463	18.07%	2.821%
41	9.022	1175	1179	1181	rVV3	739709	1167831	3.42%	0.534%
42	9.074	1181	1188	1193	rVV	5088046	7891751	23.12%	3.609%
43	9.133	1196	1198	1201	rVV	310286	357503	1.05%	0.163%
44	9.169	1201	1204	1206	rVV2	458335	409490	1.20%	0.187%
45	9.316	1226	1229	1233	rVV	2121450	1831238	5.36%	0.837%
46	9.374	1236	1239	1242	rVV2	315591	348435	1.02%	0.159%
47	9.422	1244	1247	1257	rVB	1547760	1811217	5.31%	0.828%
48	9.516	1257	1263	1268	rVB3	514247	871994	2.55%	0.399%
49	9.586	1268	1275	1279	rBV6	842554	1782504	5.22%	0.815%
50	9.657	1284	1287	1290	rBV	1145559	1376494	4.03%	0.629%
51	9.686	1290	1292	1295	rVB	725543	621447	1.82%	0.284%
52	9.774	1304	1307	1309	rBV2	438423	472266	1.38%	0.216%
53	9.857	1319	1321	1325	rVB2	449984	391760	1.15%	0.179%
54	9.980	1338	1342	1343	rVV3	498754	573864	1.68%	0.262%
55	10.004	1343	1346	1348	rVV2	1073757	1183116	3.47%	0.541%
56	10.045	1348	1353	1356	rVV	3824973	4566763	13.38%	2.088%
57	10.086	1356	1360	1362	rVV	2168265	2689883	7.88%	1.230%
58	10.104	1362	1363	1367	rVV	1483460	1434934	4.20%	0.656%
59	10.163	1367	1373	1378	rVV3	1541576	2610060	7.65%	1.193%
60	10.216	1378	1382	1391	rVB	2607886	3400271	9.96%	1.555%
61	10.357	1402	1406	1410	rBV4	324890	492280	1.44%	0.225%
62	10.404	1410	1414	1419	rVB4	292315	458137	1.34%	0.209%
63	10.557	1436	1440	1443	rVV	1505812	1659073	4.86%	0.759%
64	10.610	1446	1449	1451	rVV2	469079	549297	1.61%	0.251%
65	10.639	1451	1454	1457	rVV	911661	1131377	3.31%	0.517%
66	10.686	1457	1462	1468	rVB5	785811	1632078	4.78%	0.746%
67	10.768	1473	1476	1477	rVV2	334668	384958	1.13%	0.176%
68	10.798	1477	1481	1490	rVV3	1187947	1852681	5.43%	0.847%
69	10.986	1509	1513	1518	rBV4	393223	786505	2.30%	0.360%
70	11.045	1519	1523	1526	rBV2	679268	839732	2.46%	0.384%
71	11.098	1527	1532	1536	rBV2	1870271	2788255	8.17%	1.275%

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Integration Parameters: rteint.p
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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	11.139	1536	1539	1542	rBV	555060	528257	1.55%	0.242%
73	11.180	1542	1546	1547	rBV3	326577	429114	1.26%	0.196%
74	11.339	1569	1573	1574	rBV	371692	455328	1.33%	0.208%
75	11.386	1578	1581	1585	rBV	1147487	1297103	3.80%	0.593%
76	11.439	1587	1590	1593	rVV2	969458	1092374	3.20%	0.500%
77	11.480	1593	1597	1599	rVV	3067751	3433782	10.06%	1.570%
78	11.504	1599	1601	1602	rVV	1171181	1058395	3.10%	0.484%
79	11.527	1602	1605	1606	rVV	1611521	1759768	5.16%	0.805%
80	11.539	1606	1607	1613	rVB2	1953132	1878567	5.50%	0.859%
81	11.586	1613	1615	1618	rBV	396556	378483	1.11%	0.173%
82	11.727	1635	1639	1640	rBV2	1325324	1438271	4.21%	0.658%
83	11.804	1646	1652	1654	rBV2	953362	1268059	3.72%	0.580%
84	11.845	1655	1659	1662	rVV	1896802	2530584	7.41%	1.157%
85	11.880	1662	1665	1669	rVV2	1098046	1478003	4.33%	0.676%
86	11.945	1673	1676	1681	rVB3	353114	408235	1.20%	0.187%
87	11.998	1681	1685	1688	rVB	954728	968144	2.84%	0.443%
88	12.039	1688	1692	1694	rBV2	619491	788328	2.31%	0.360%
89	12.092	1698	1701	1705	rVB	754517	742706	2.18%	0.340%
90	12.180	1713	1716	1721	rBV3	386150	770007	2.26%	0.352%
91	12.233	1721	1725	1730	rVV	1221416	1413548	4.14%	0.646%
92	12.463	1762	1764	1769	rVV	342463	347155	1.02%	0.159%
93	13.080	1865	1869	1877	rBV	1174409	1238763	3.63%	0.566%
94	13.310	1900	1908	1920	rBV	1047709	2459591	7.21%	1.125%
95	14.151	2048	2051	2058	rBV	533835	580058	1.70%	0.265%
96	15.698	2309	2314	2325	rVB	388629	646027	1.89%	0.295%

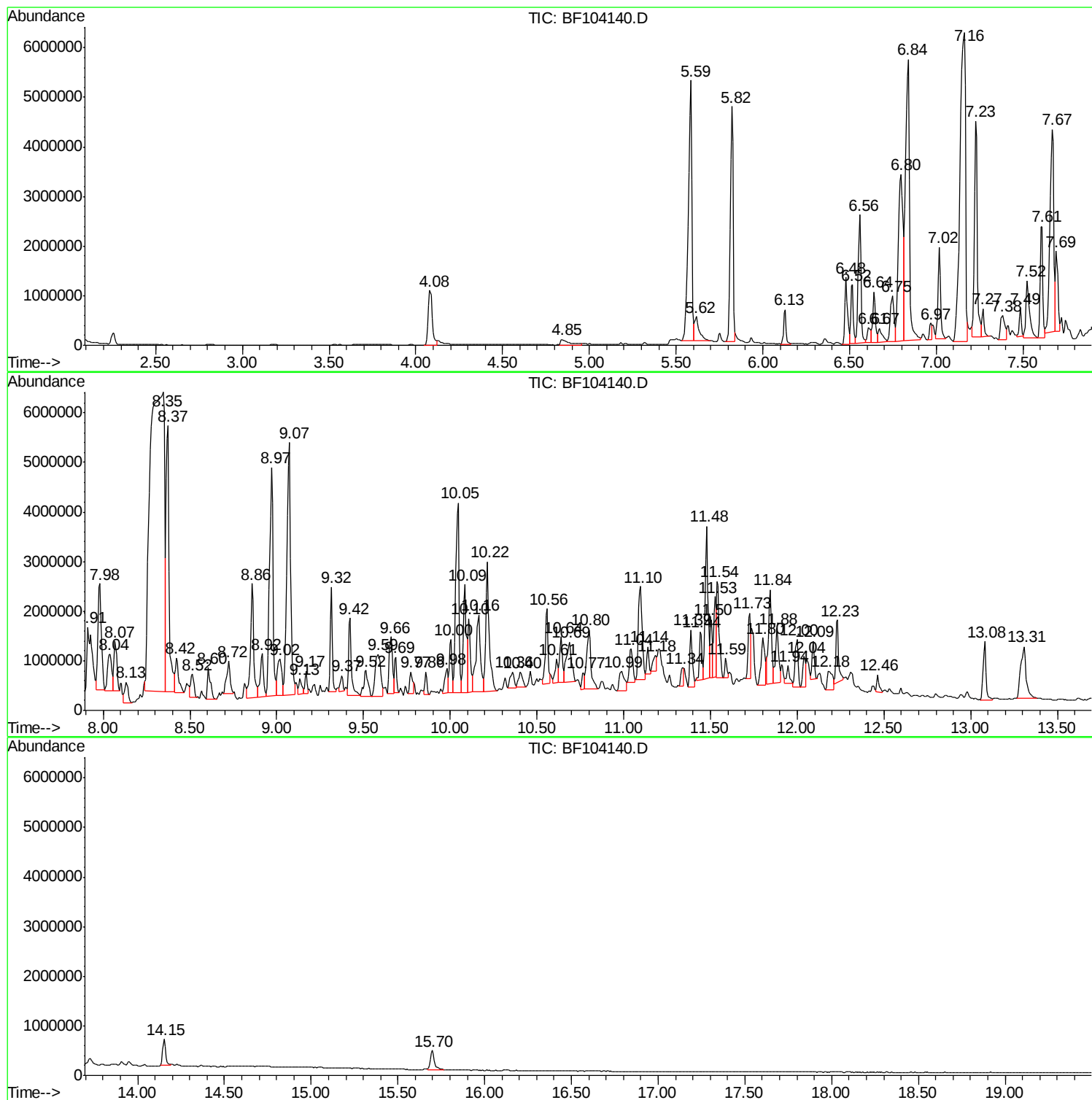
Sum of corrected areas: 218692901

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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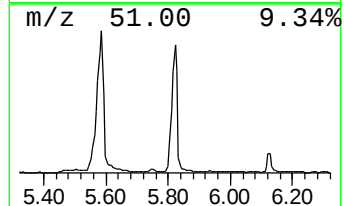
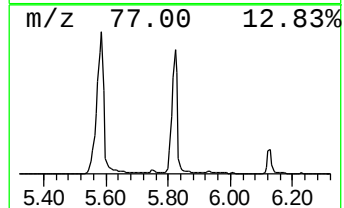
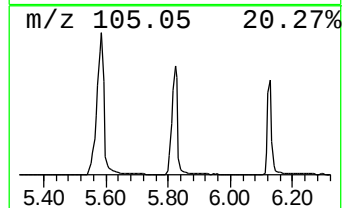
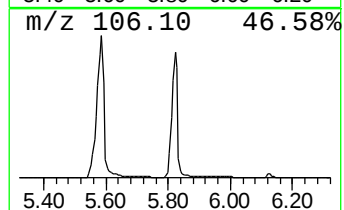
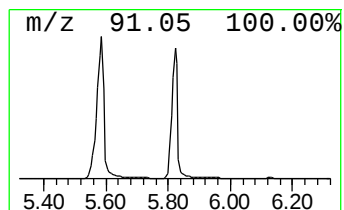
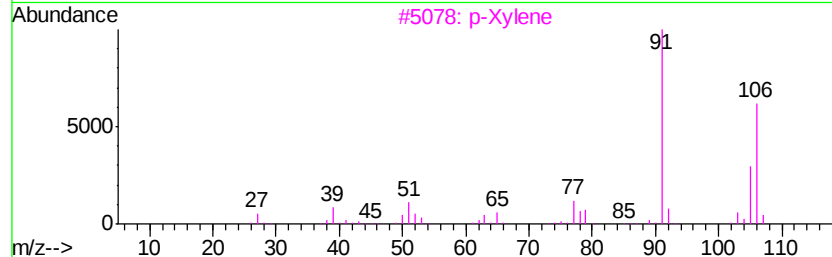
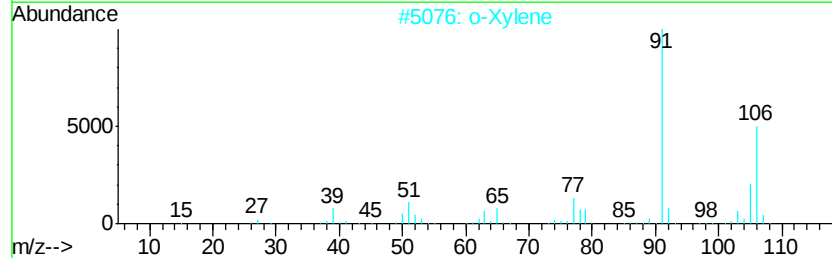
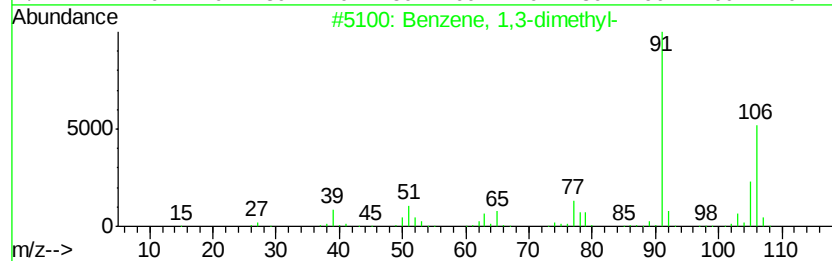
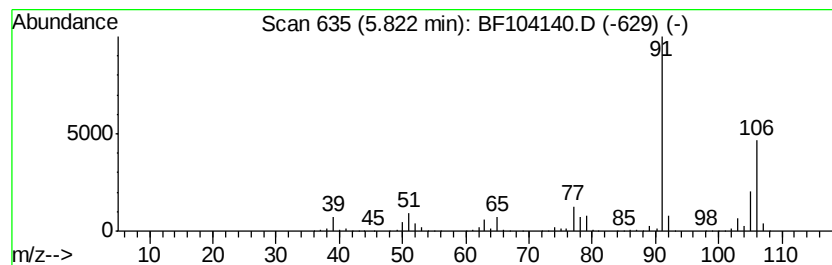
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	320.62 ng	5861740	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			o-Xylene	106	C8H10	000095-47-6	97
3			p-Xylene	106	C8H10	000106-42-3	97
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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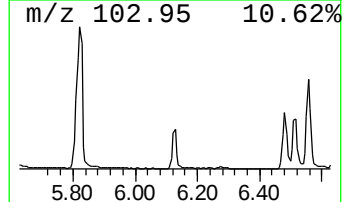
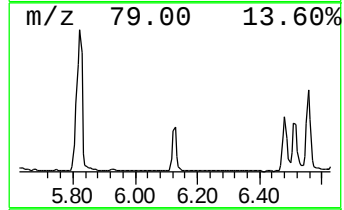
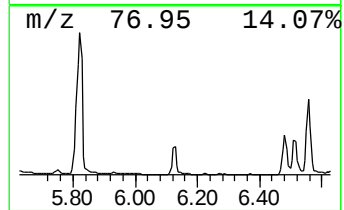
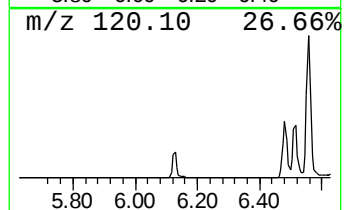
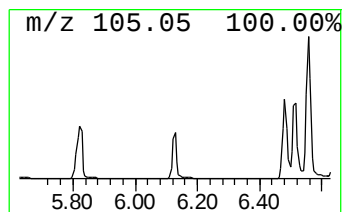
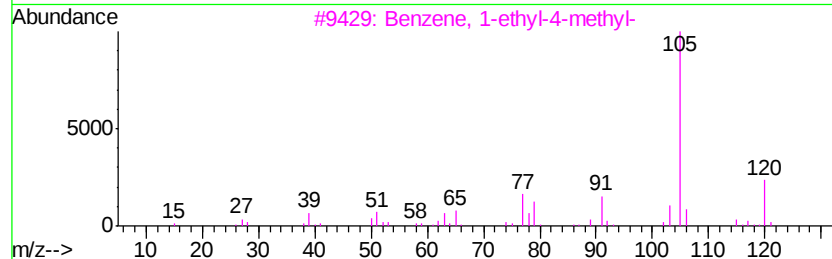
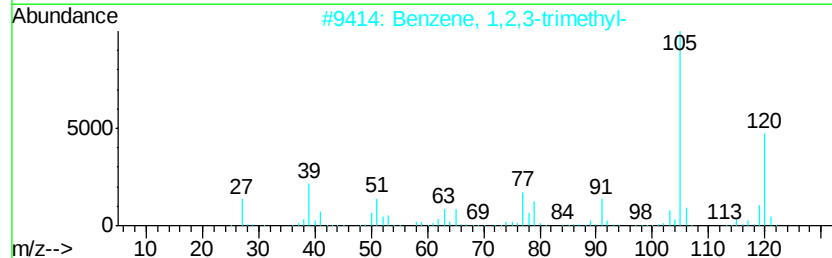
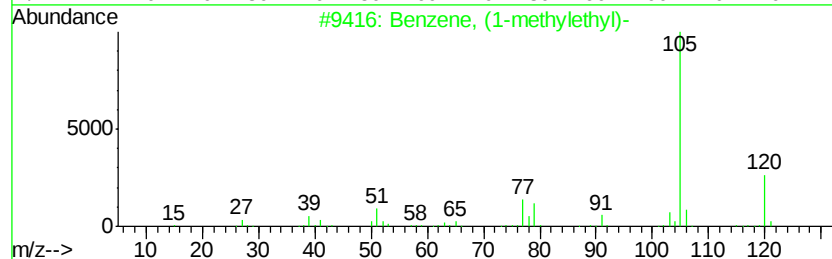
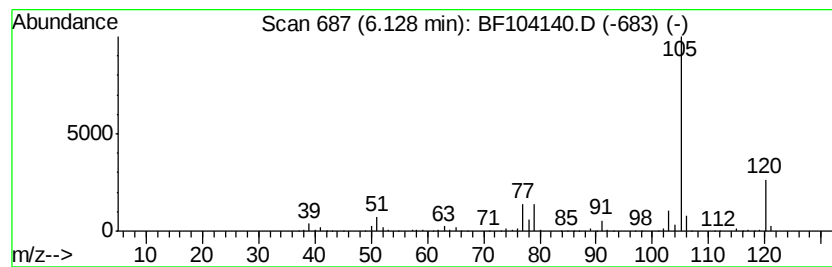
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	37.10 ng	678277	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	59



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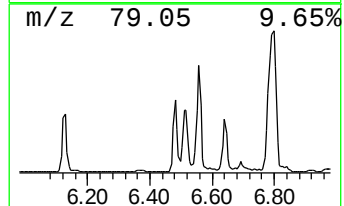
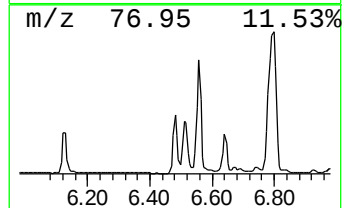
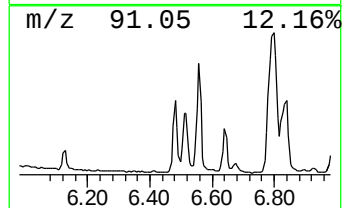
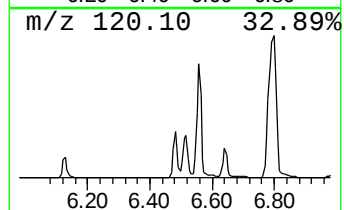
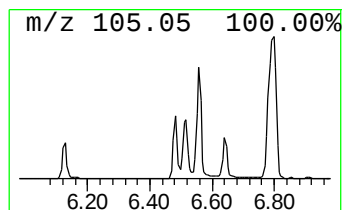
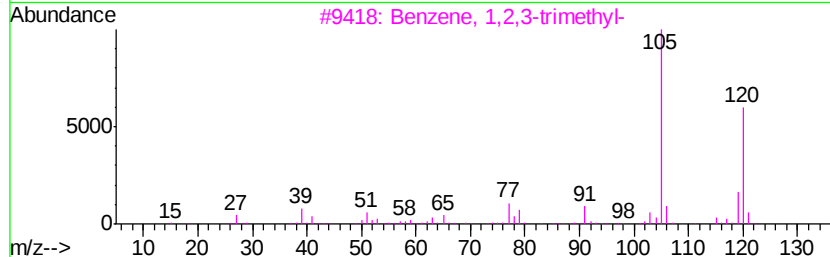
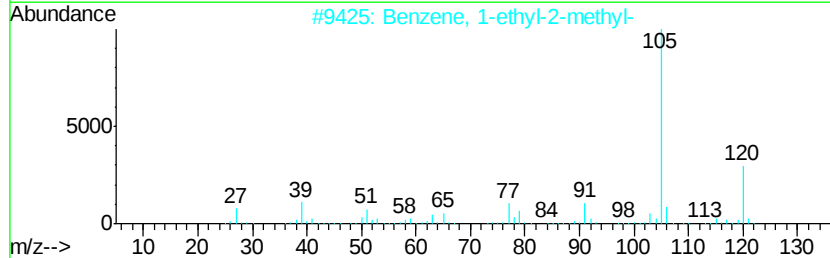
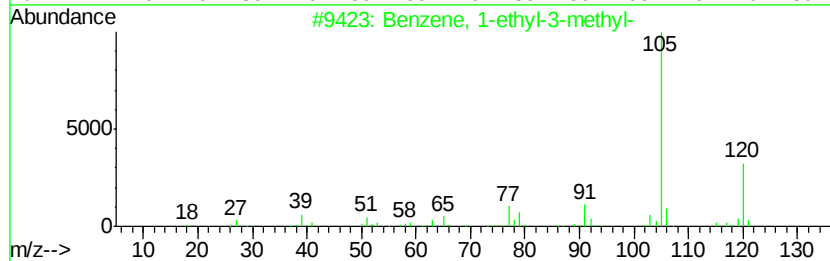
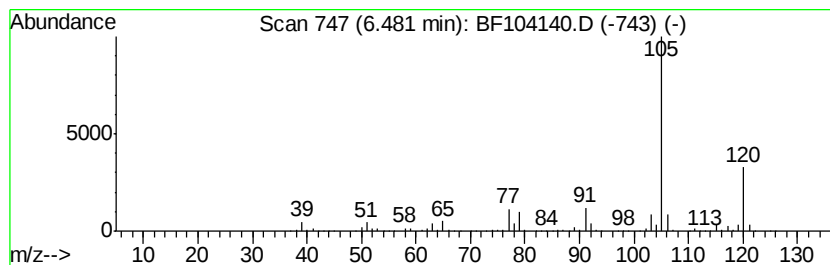
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	73.29 ng	1339910	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Operator : JU/SJ
Sample : J2173-03
Misc :
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Instrument :
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ClientSampleId :
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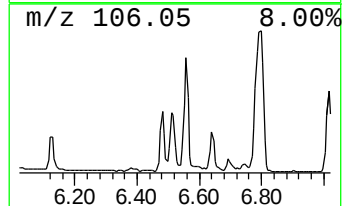
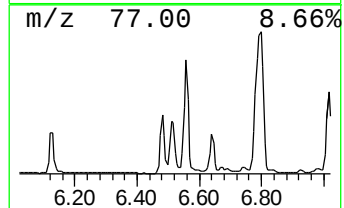
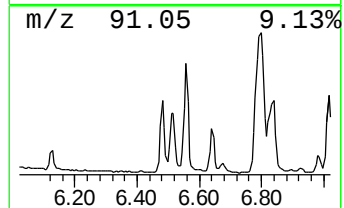
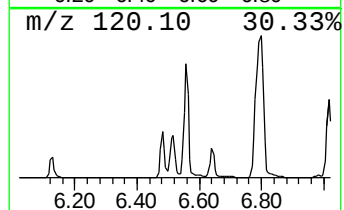
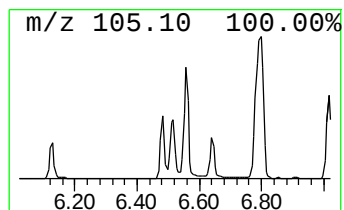
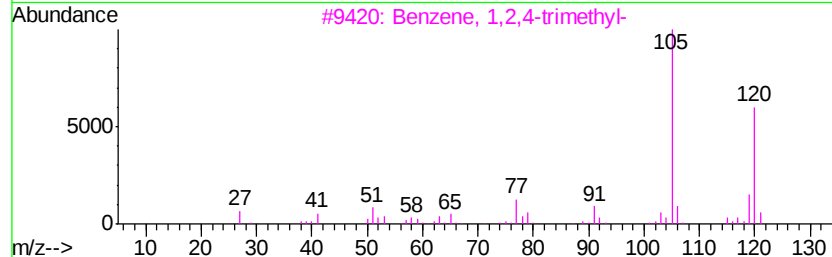
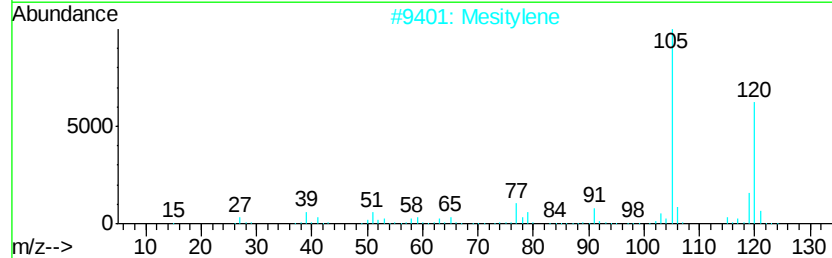
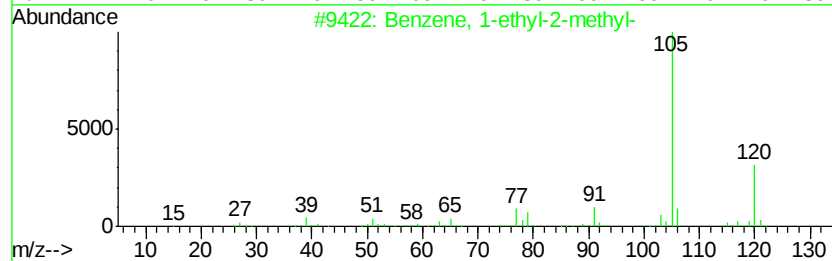
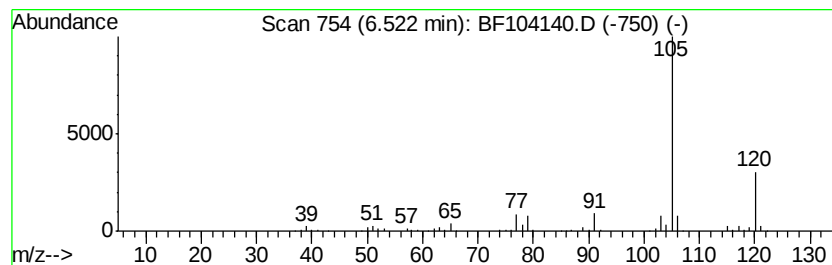
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	68.96 ng	1260720	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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ClientSampleId :
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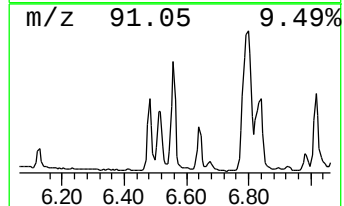
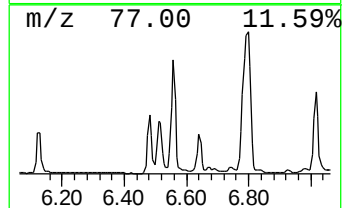
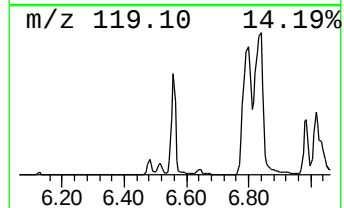
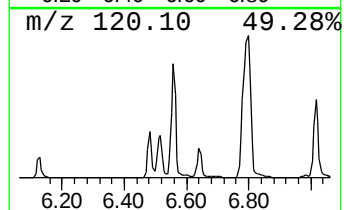
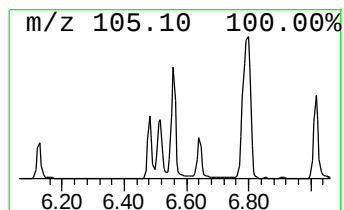
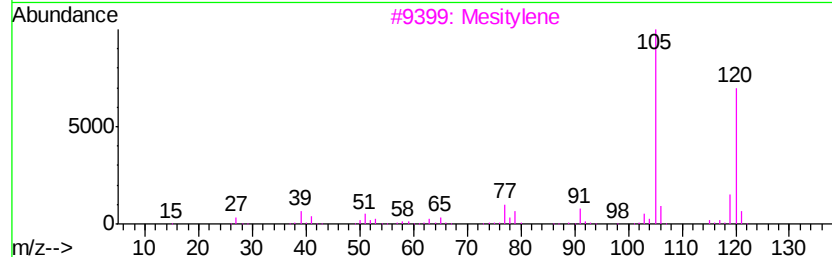
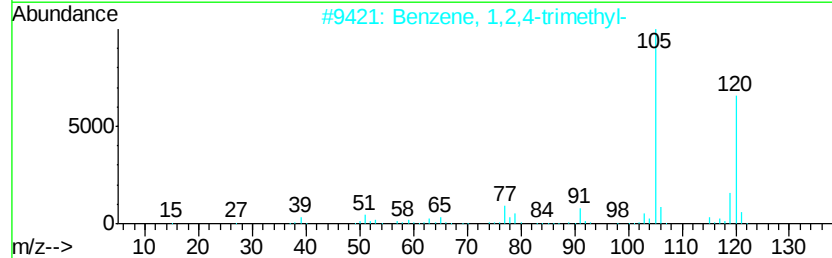
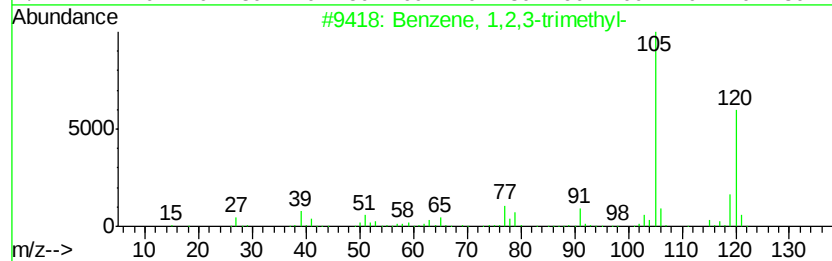
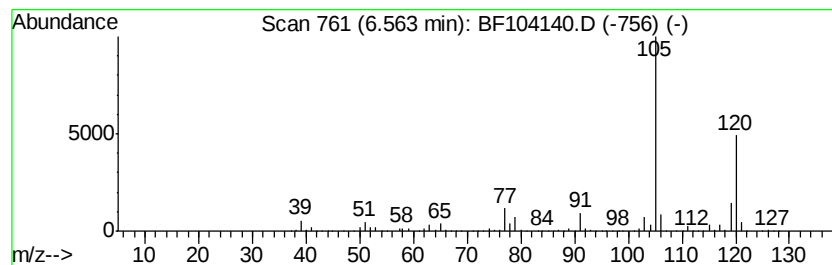
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	139.71 ng	2554190	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104140.D
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ClientSampleId :
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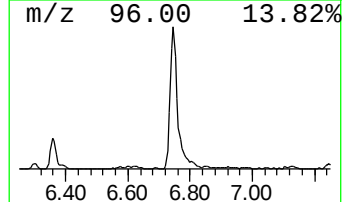
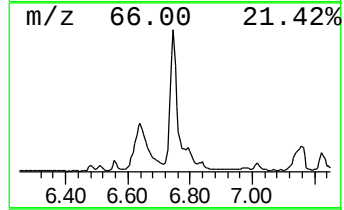
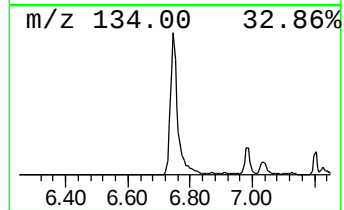
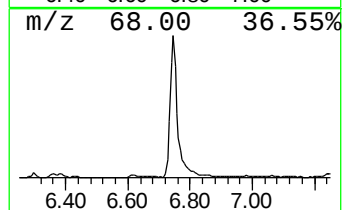
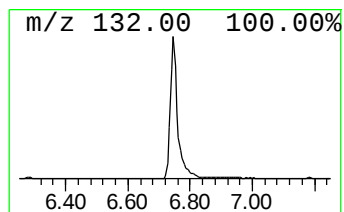
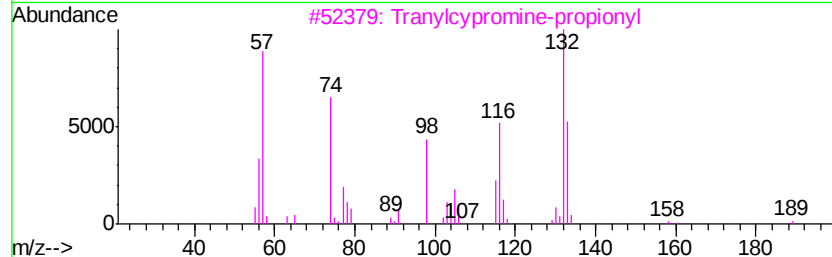
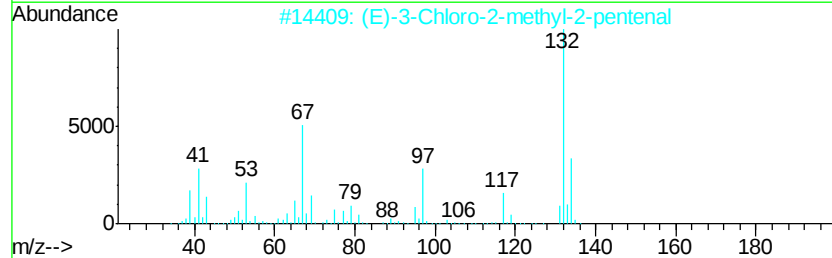
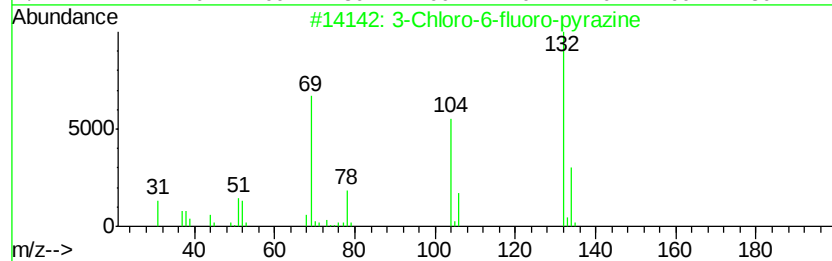
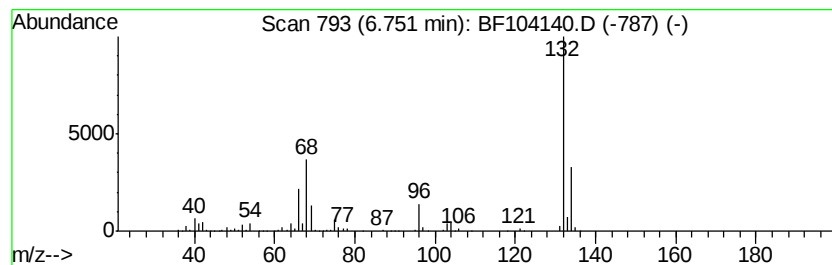
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.75 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	68.10 ng	1244960	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1-Aminoindan	133	C9H11N	034698-41-4	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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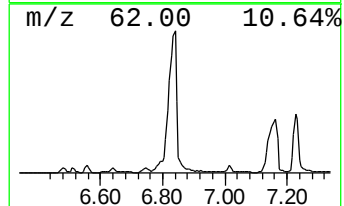
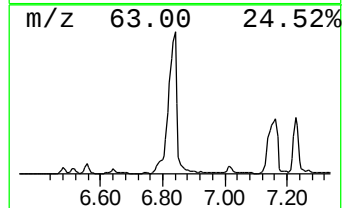
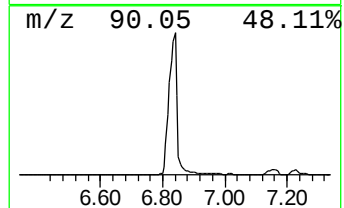
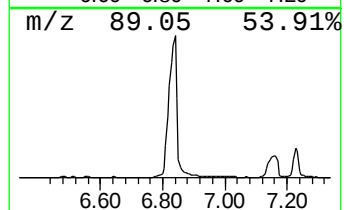
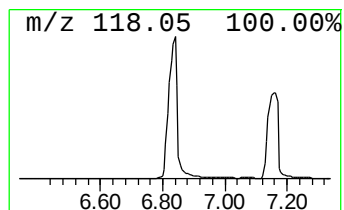
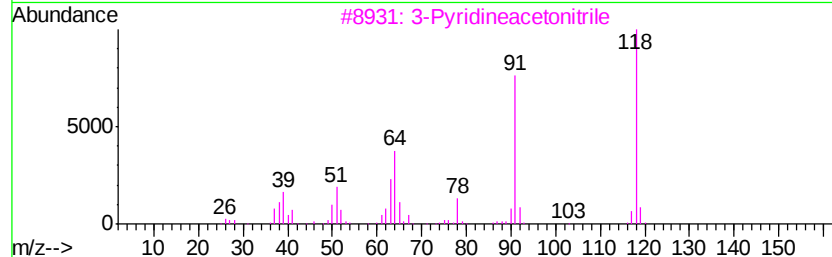
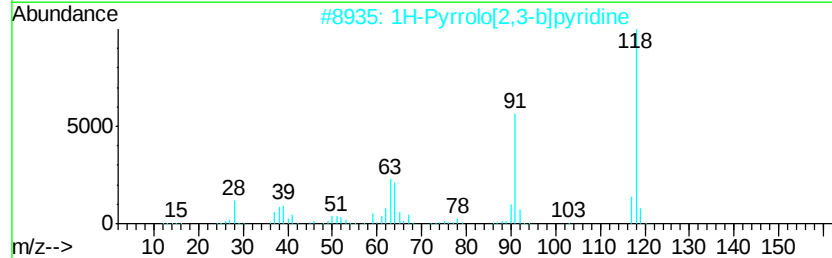
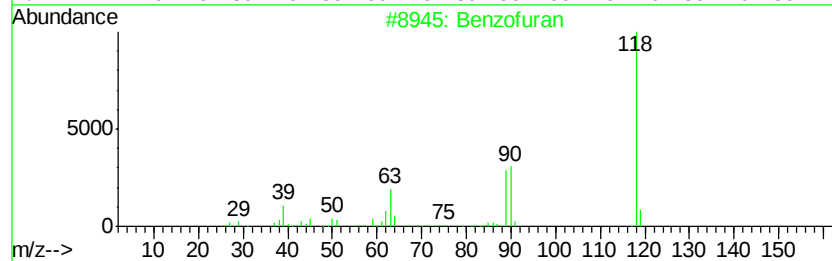
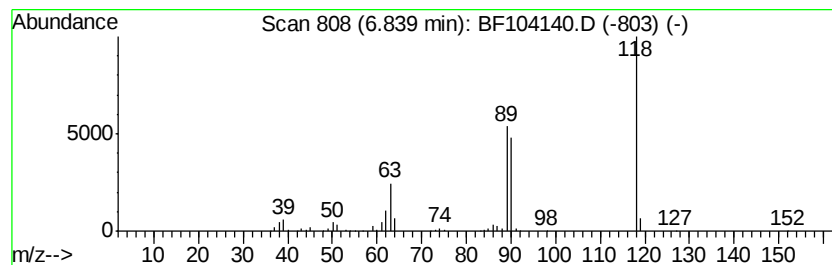
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	530.64 ng	9701430	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40
3	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40
4	1H-Benzimidazole	118	C7H6N2	000051-17-2	33
5	2-Pyridinecarbonitrile, 3-methyl-	118	C7H6N2	1000318-76-9	33



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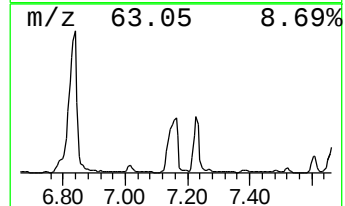
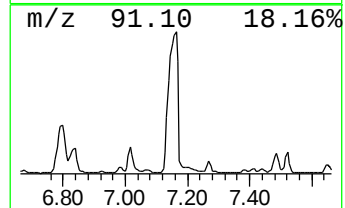
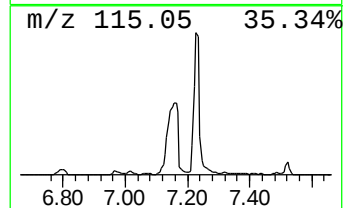
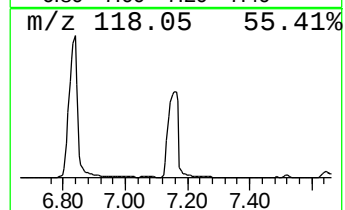
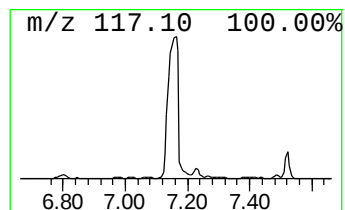
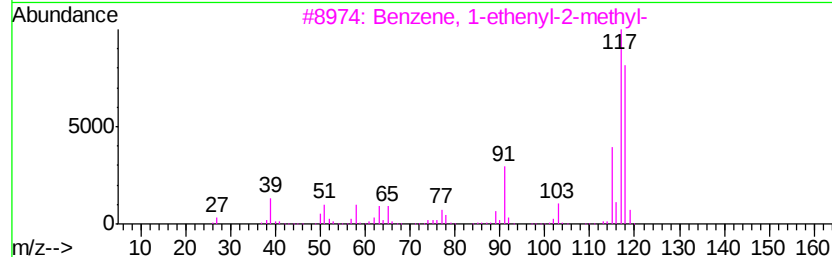
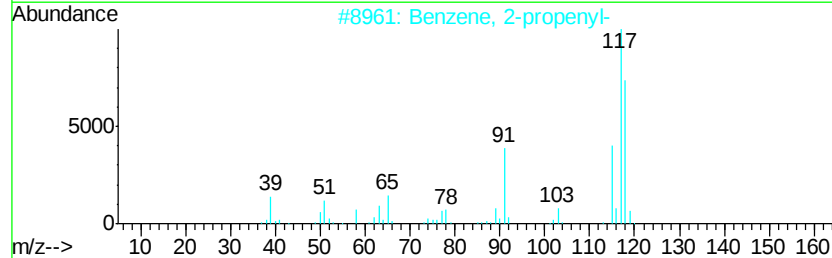
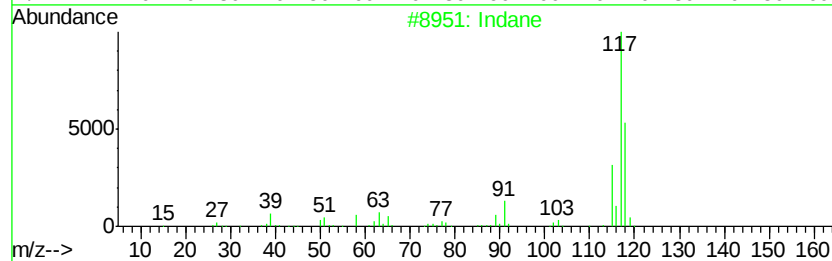
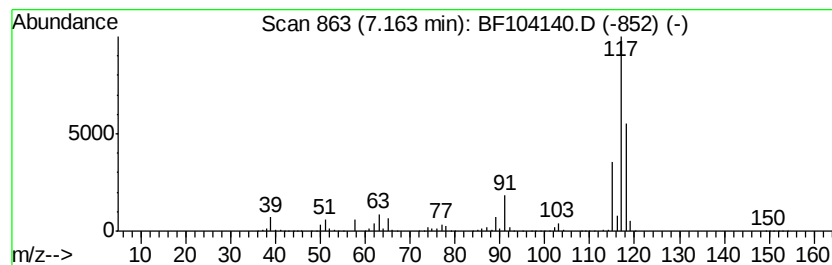
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	796.09 ng	14554400	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	58



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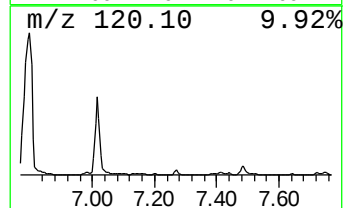
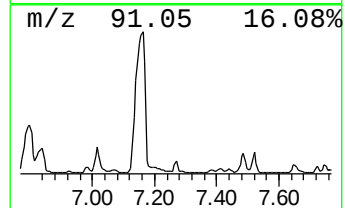
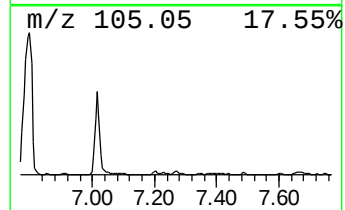
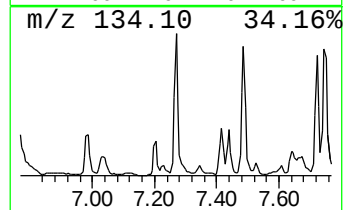
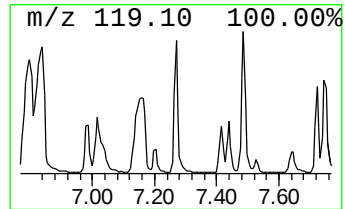
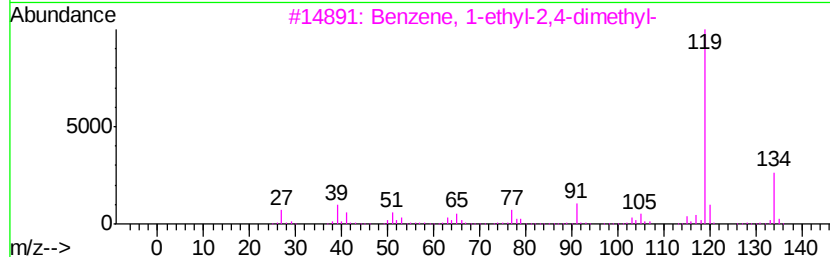
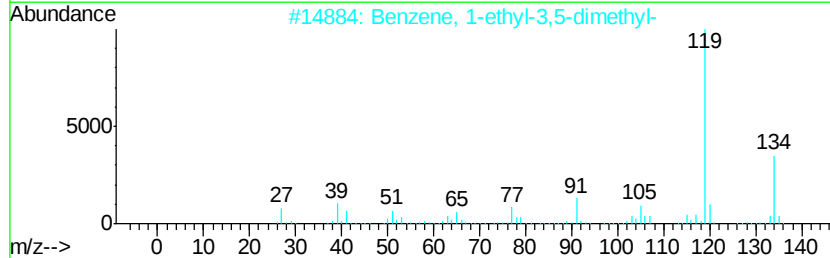
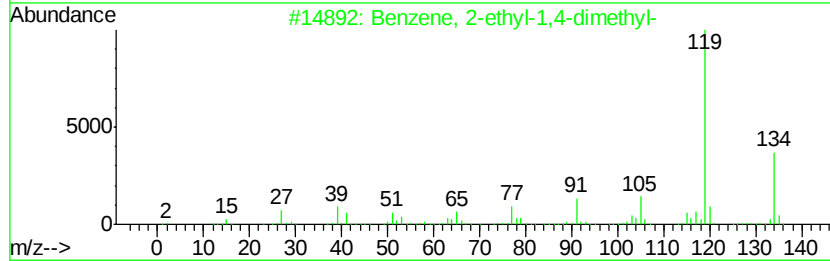
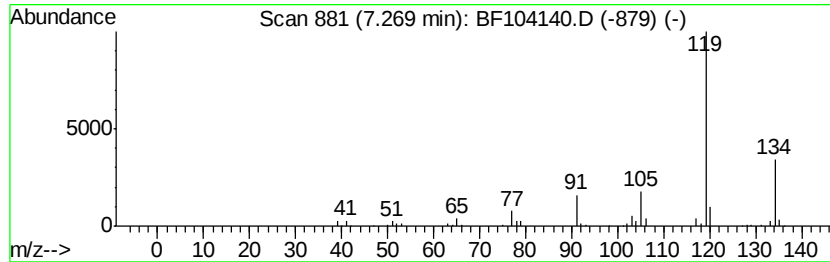
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	27.01 ng	493744	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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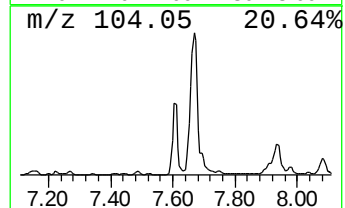
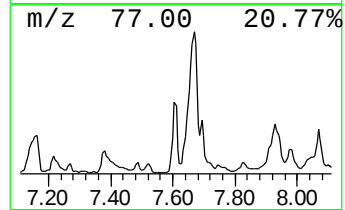
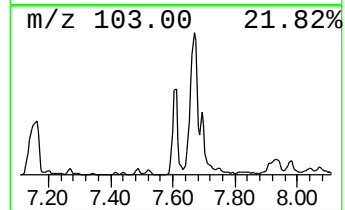
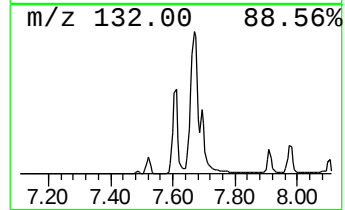
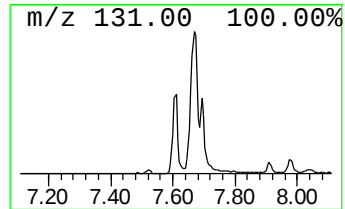
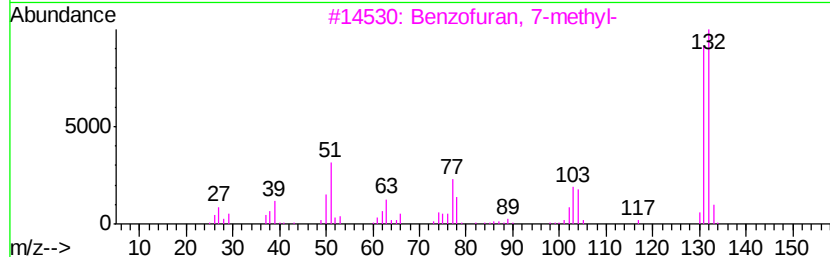
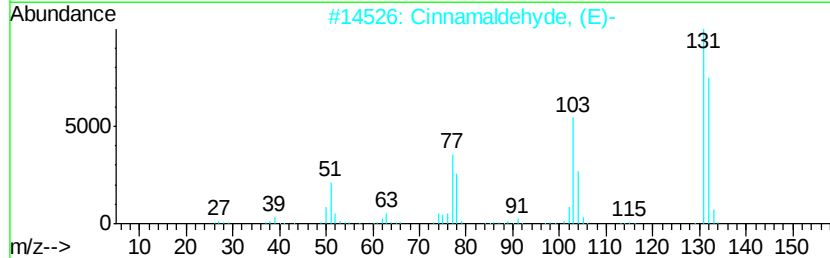
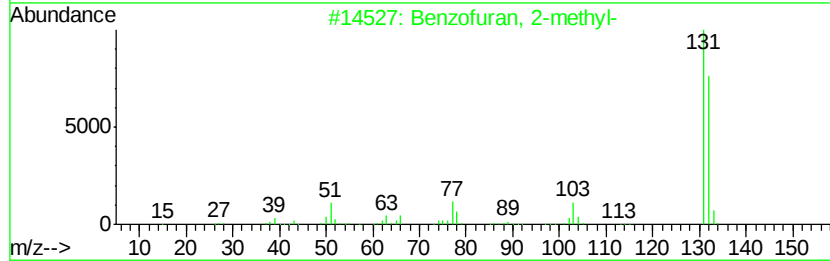
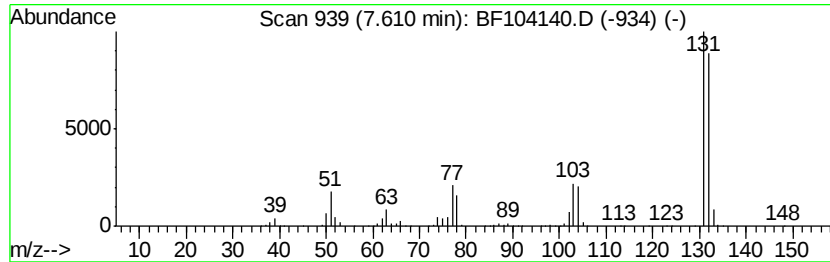
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	138.00 ng	2522920	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
3		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
4		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104140.D
Acq On : 2 Apr 2018 17:26
Operator : JU/SJ
Sample : J2173-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

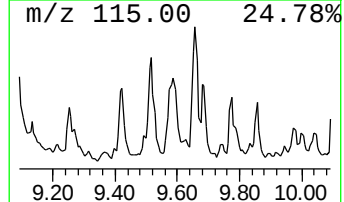
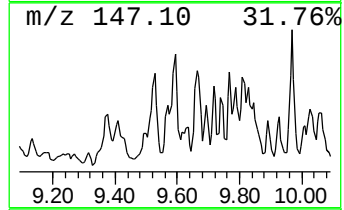
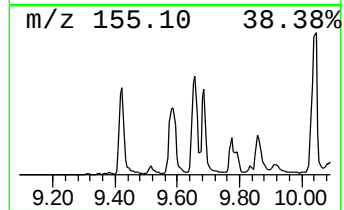
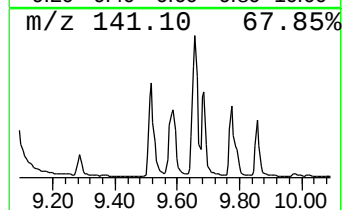
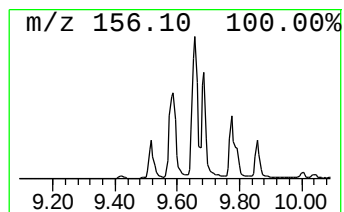
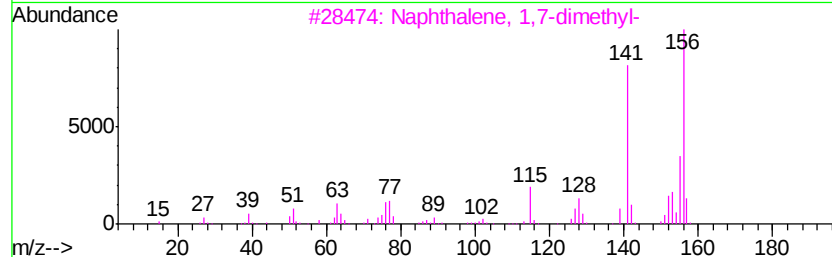
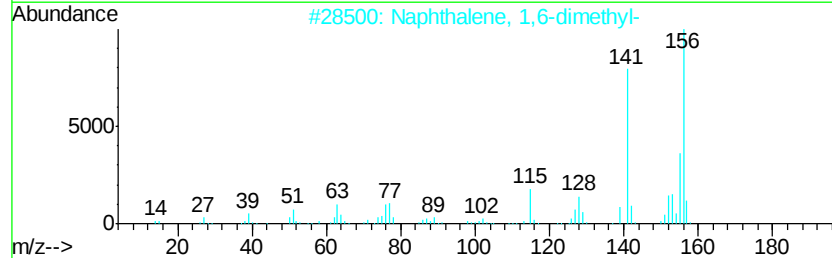
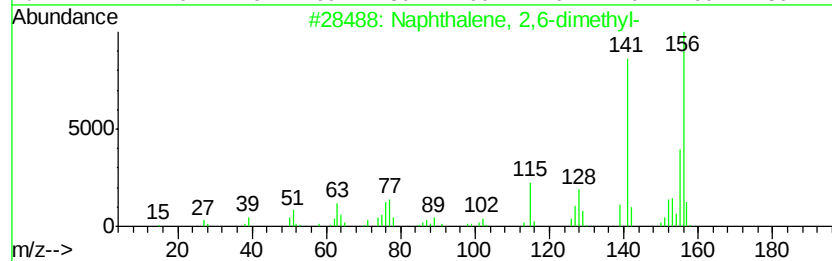
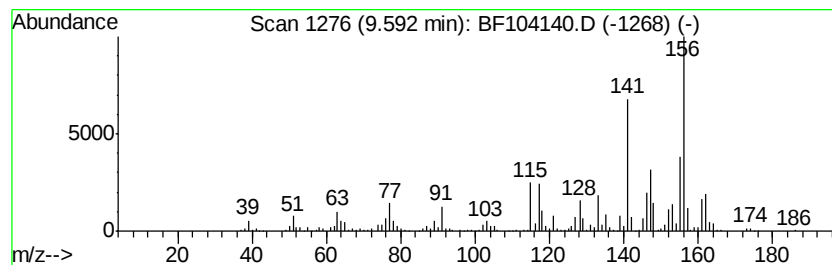
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	30.13 ng	1782500	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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Misc :
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Instrument :
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ClientSampleId :
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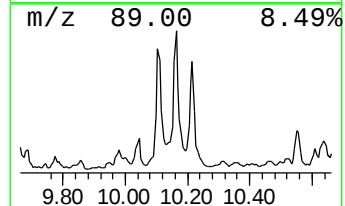
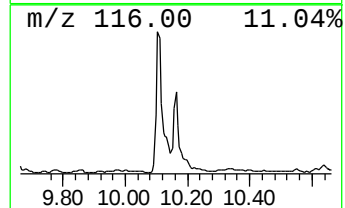
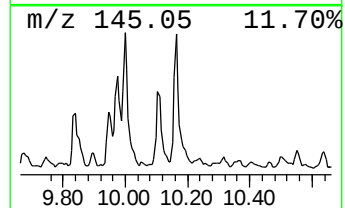
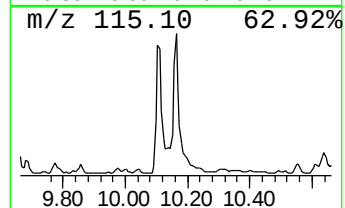
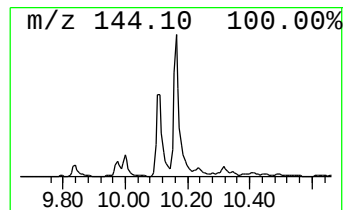
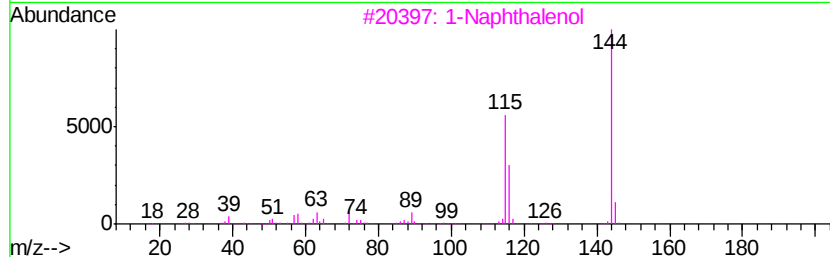
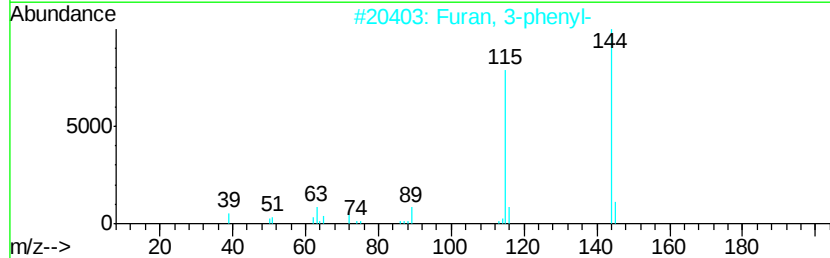
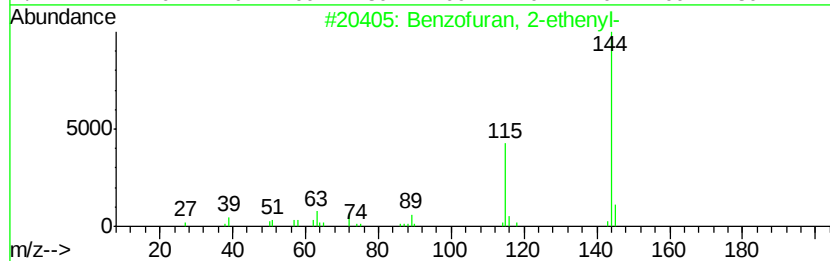
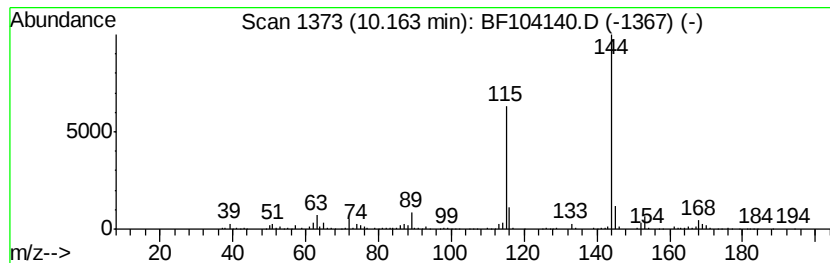
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzofuran, 2-ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	44.12 ng	2610060	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	90
2		Furan, 3-phenyl-	144	C10H8O	013679-41-9	90
3		1-Naphthalenol	144	C10H8O	000090-15-3	87
4		Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	78
5		2-Naphthalenol	144	C10H8O	000135-19-3	74



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Operator : JU/SJ
Sample : J2173-03
Misc :
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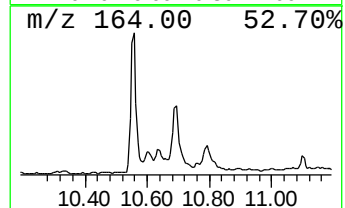
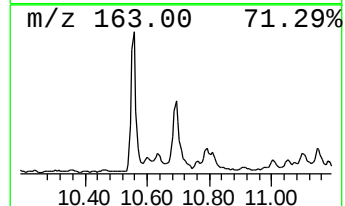
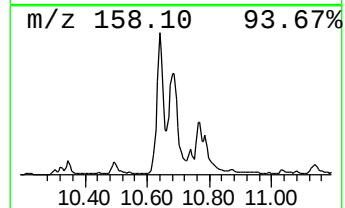
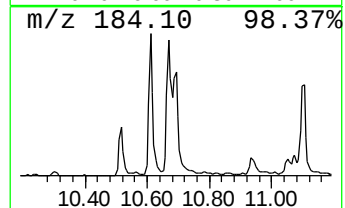
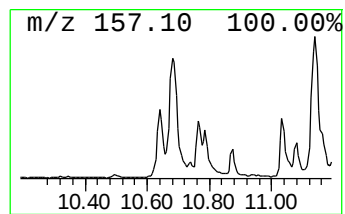
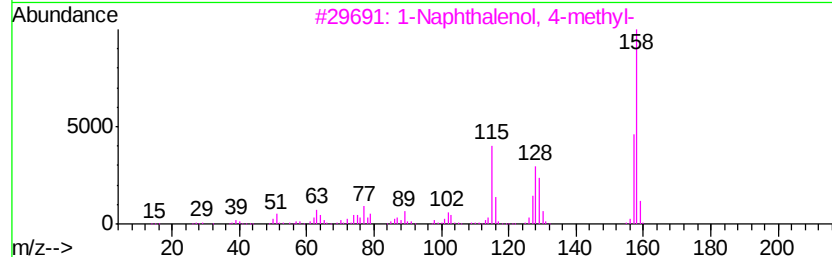
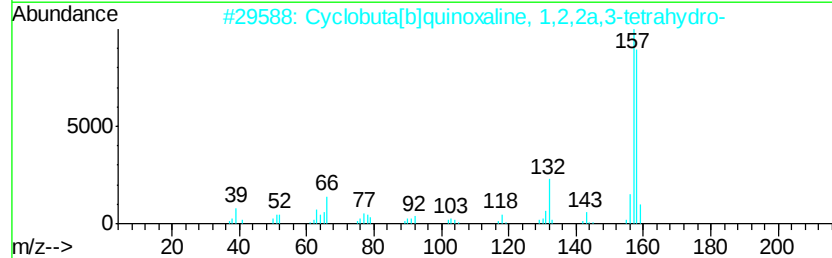
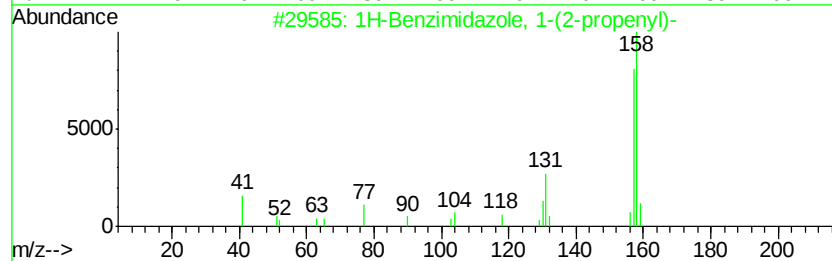
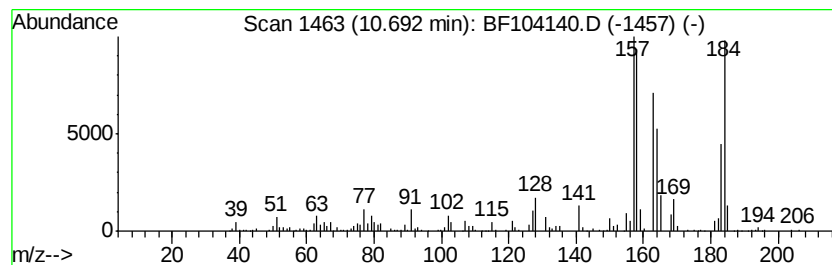
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1H-Benzimidazole, 1-(2-prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	27.59 ng	1632080	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	38
2	Cyclobuta[blquinoxaline, 1,2,2a,...	158	C10H10N2	021943-51-1	38
3	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	38
4	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	22
5	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	18



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
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Operator : JU/SJ
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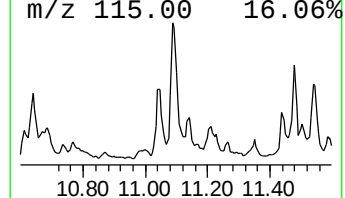
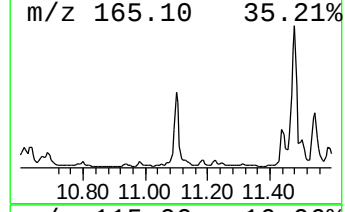
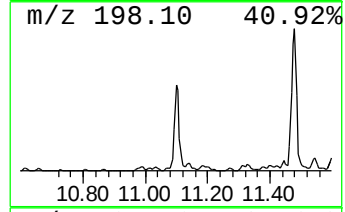
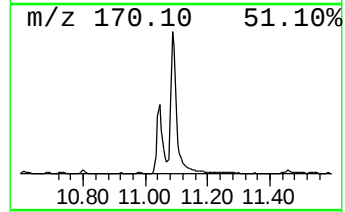
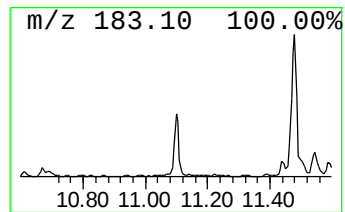
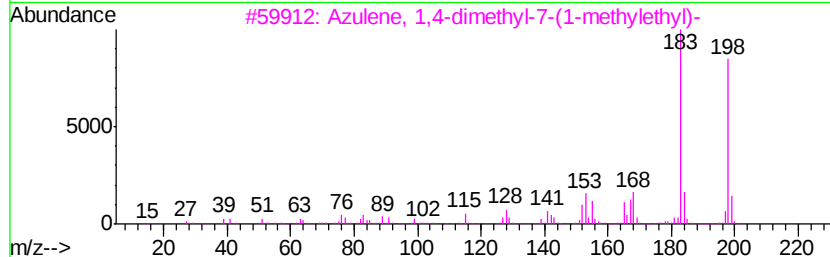
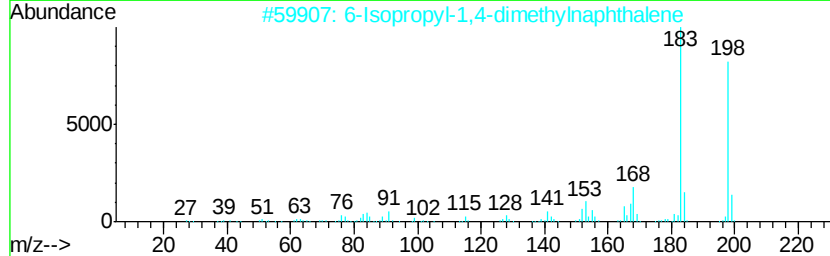
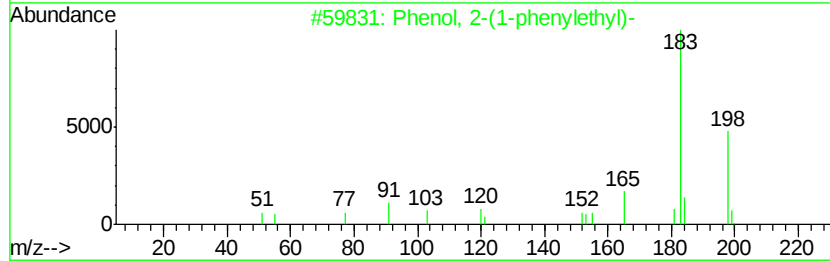
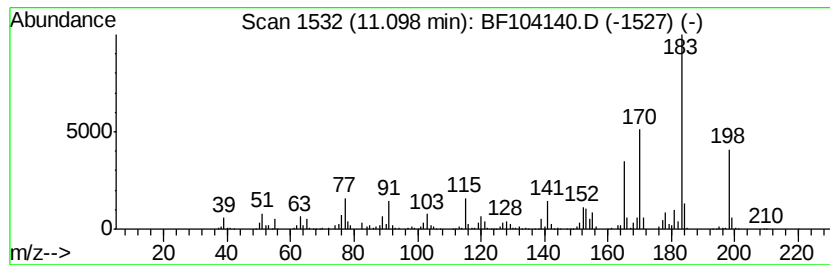
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenol, 2-(1-phenylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.10	52.69 ng	2788260	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	93
2	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	70
3	Azulene, 1,4-dimethyl-7-(1-methyl-...	198	C15H18	000489-84-9	70
4	Naphthalene, 1,6-dimethyl-4-(1-methyl-...	198	C15H18	000483-78-3	62
5	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	62



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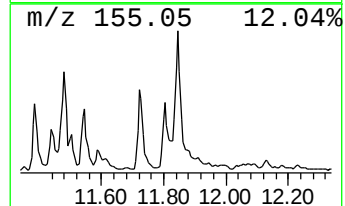
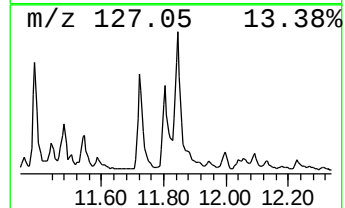
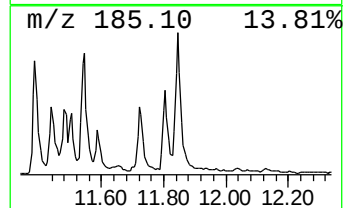
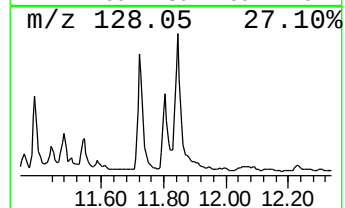
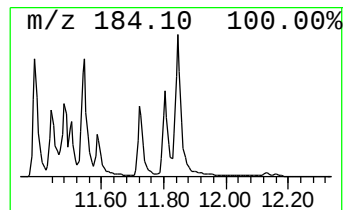
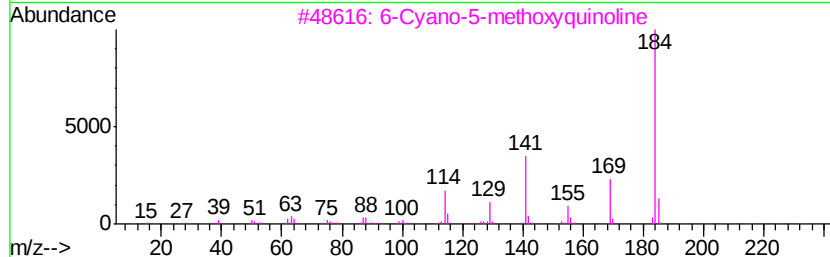
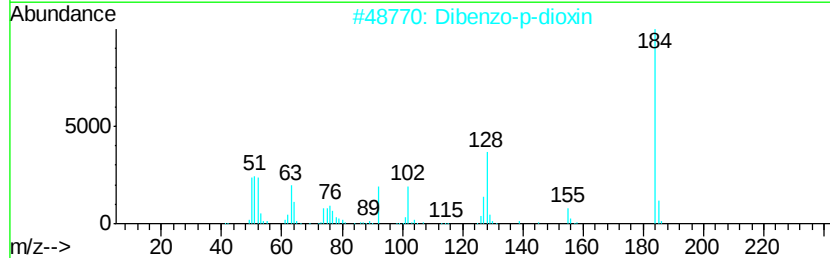
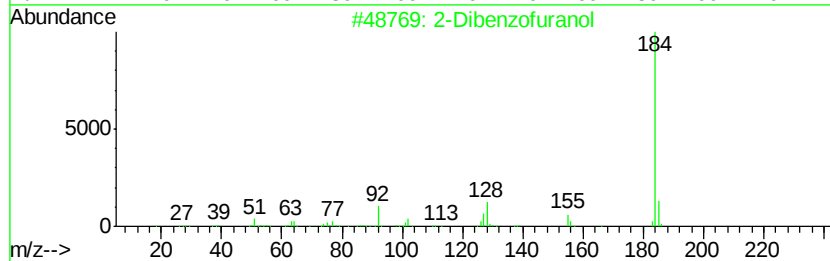
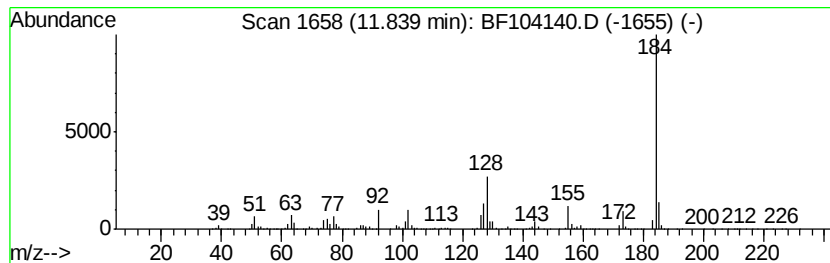
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Dibenzofuranol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	47.82 ng	2530580	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
2		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
3		6-Cyano-5-methoxyvauinoline	184	C11H8N2O	1000241-27-7	59
4		Chamazulene	184	C14H16	000529-05-5	59
5		2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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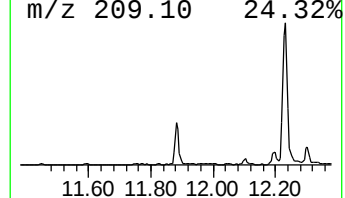
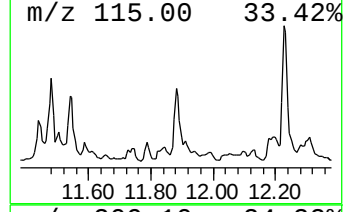
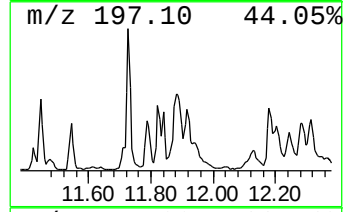
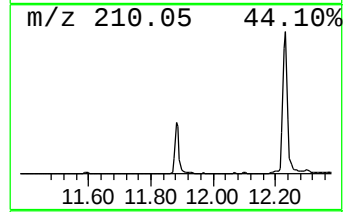
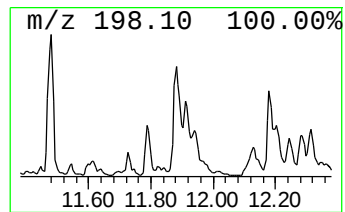
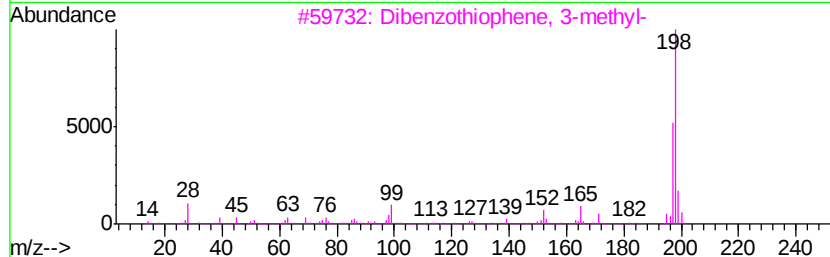
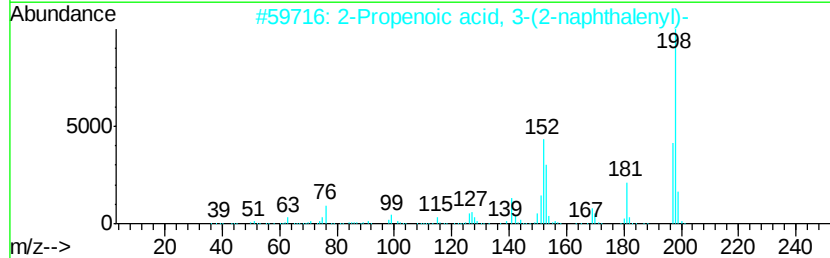
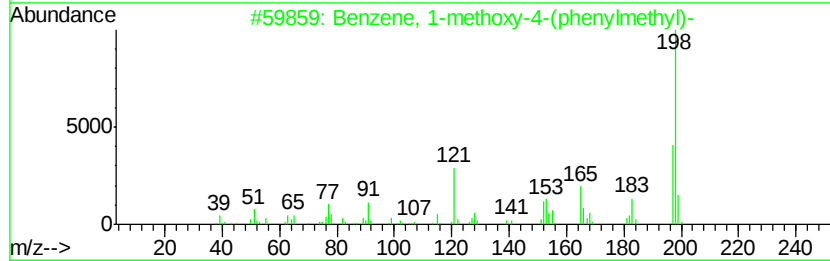
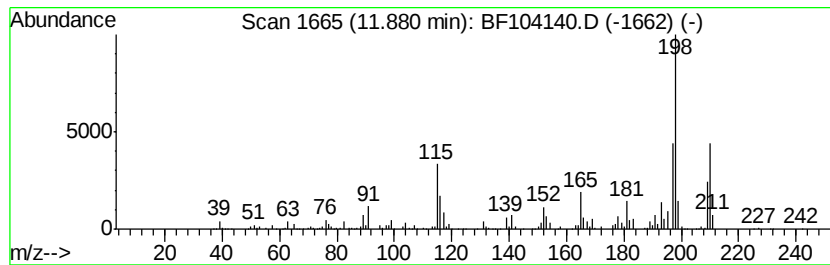
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-methoxy-4-(pheny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	27.93 ng	1478000	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	60
2	2-Propenoic acid, 3-(2-naphthale...	198	C13H10O2	051557-26-7	53
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	53
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53
5	2-Benzyl-[1,4]benzoquinone	198	C13H10O2	038940-10-2	49



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Acq On : 2 Apr 2018 17:26
Operator : JU/SJ
Sample : J2173-03
Misc :
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Instrument :
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QNWP8-MW30D-GW

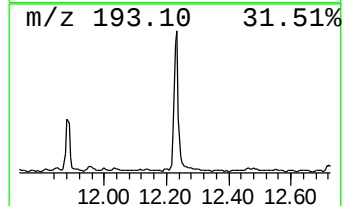
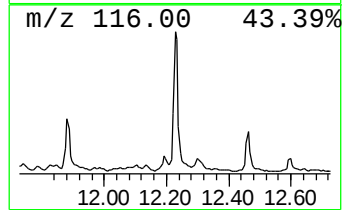
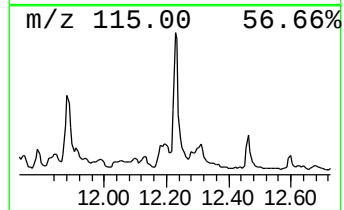
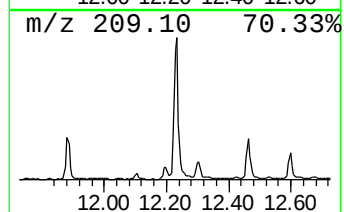
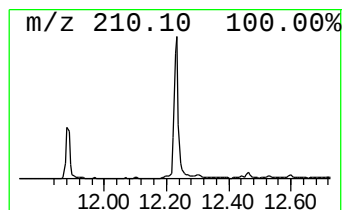
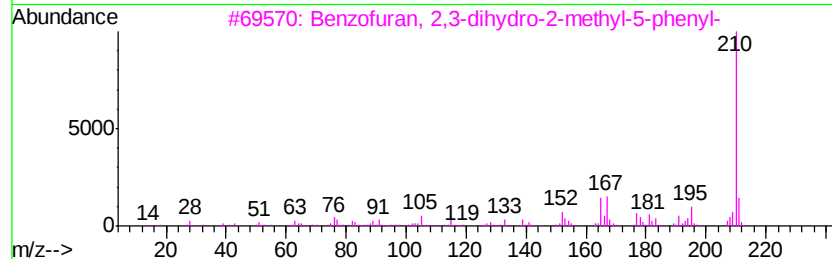
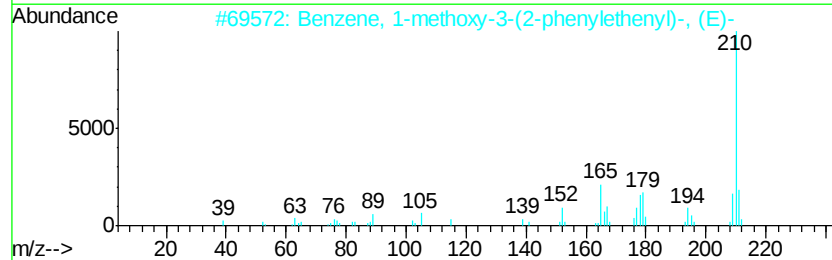
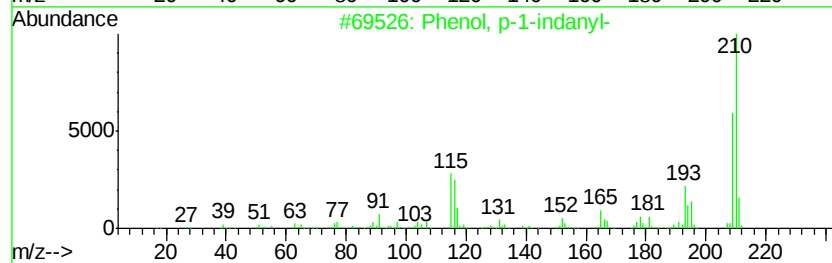
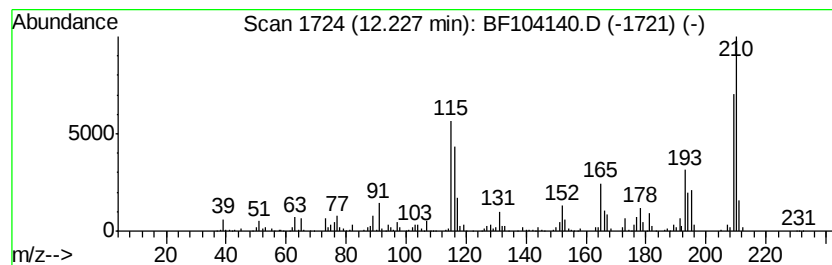
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenol, p-1-indanyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	26.71 ng	1413550	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, p-1-indanyl-	210	C15H14O	005402-37-9	97
2		Benzene, 1-methoxy-3-(2-phenylethyl)-	210	C15H14O	014064-41-6	64
3		Benzofuran, 2,3-dihydro-2-methyl-5-phenyl-	210	C15H14O	054965-07-0	50
4		4'-Methyl-2-hydroxystilbene	210	C15H14O	1000147-71-1	50
5		Benzenamine, 4,4'-(1,2-ethenediyl)-	210	C14H14N2	000621-96-5	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104140.D
Acq On : 2 Apr 2018 17:26
Operator : JU/SJ
Sample : J2173-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

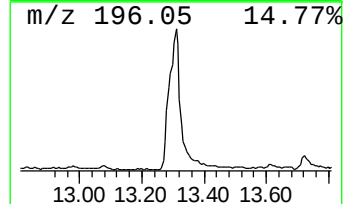
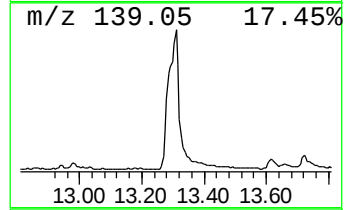
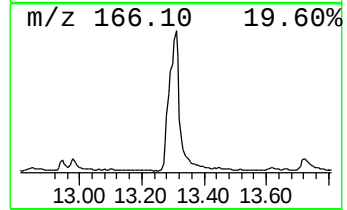
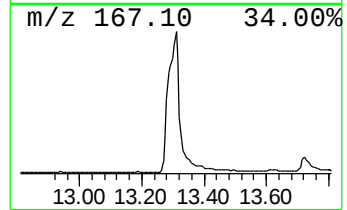
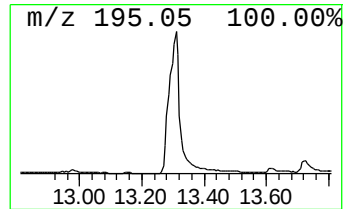
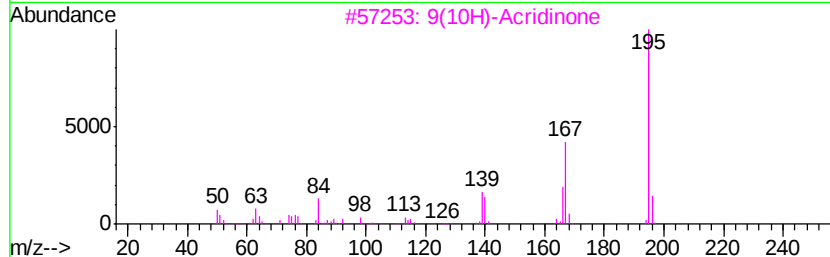
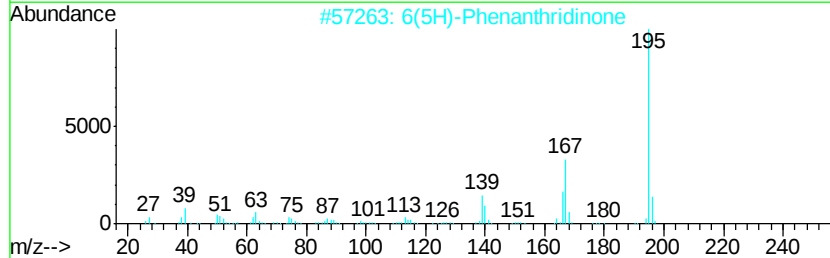
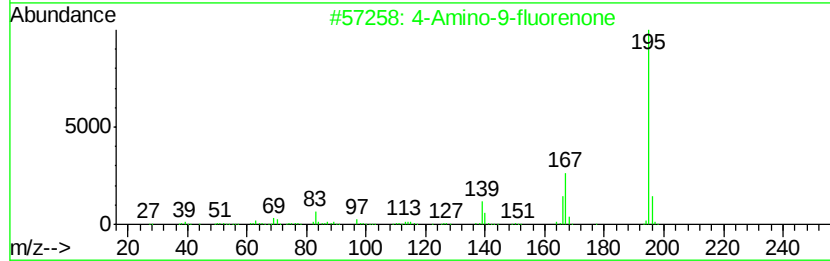
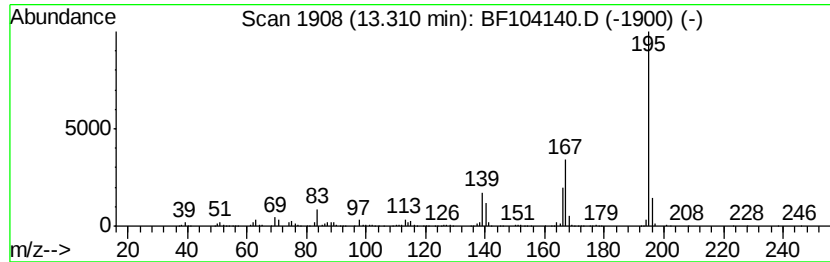
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 4-Amino-9-fluorenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	84.81 ng	2459590	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
2		6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3		9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
4		8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	94
5		2-Amino-9-fluorenone	195	C13H9NO	003096-57-9	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF040218\
 Data File : BF104140.D
 Acq On : 2 Apr 2018 17:26
 Operator : JU/SJ
 Sample : J2173-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-dime...	5.82	320.6	ng	5861740	1	6.97	365647	20.0
Benzene, (1-methy...	6.13	37.1	ng	678277	1	6.97	365647	20.0
Benzene, 1-ethyl-...	6.48	73.3	ng	1339910	1	6.97	365647	20.0
Benzene, 1-ethyl-...	6.52	69.0	ng	1260720	1	6.97	365647	20.0
Benzene, 1,2,3-tr...	6.56	139.7	ng	2554190	1	6.97	365647	20.0
unknown6.75	6.75	68.1	ng	1244960	1	6.97	365647	20.0
Benzofuran	6.84	530.6	ng	9701430	1	6.97	365647	20.0
Indane	7.16	796.1	ng	14554400	1	6.97	365647	20.0
Benzene, 2-ethyl-...	7.27	27.0	ng	493744	1	6.97	365647	20.0
Benzofuran, 2-met...	7.61	138.0	ng	2522920	1	6.97	365647	20.0
Naphthalene, 2,6-...	9.59	30.1	ng	1782500	3	10.00	1183120	20.0
Benzofuran, 2-eth...	10.16	44.1	ng	2610060	3	10.00	1183120	20.0
1H-Benzimidazole,...	10.69	27.6	ng	1632080	3	10.00	1183120	20.0
Phenol, 2-(1-phen...	11.10	52.7	ng	2788260	4	11.50	1058400	20.0
2-Dibenzofuranol	11.84	47.8	ng	2530580	4	11.50	1058400	20.0
Benzene, 1-methox...	11.88	27.9	ng	1478000	4	11.50	1058400	20.0
Phenol, p-1-indanyl-	12.23	26.7	ng	1413550	4	11.50	1058400	20.0
4-Amino-9-fluorenone	13.31	84.8	ng	2459590	5	14.15	580058	20.0