

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
 Data File : BF077538.D
 Acq On : 2 Mar 2015 22:44
 Operator : TP/IZ
 Sample : G1402-04 2X
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW41

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.527	53	56	61	rVB	2848471	3127513	8.61%	0.741%
2	5.379	390	393	396	rBV	6050570	8819408	24.29%	2.089%
3	5.539	402	407	411	rVB	2009878	5013627	13.81%	1.187%
4	5.836	430	433	435	rBV	3541697	4014961	11.06%	0.951%
5	6.682	504	507	509	rVV	2449422	2640412	7.27%	0.625%
6	6.727	509	511	513	rVB	1449391	1981266	5.46%	0.469%
7	6.773	513	515	518	rBV	1218111	1457927	4.02%	0.345%
8	7.059	537	540	544	rVB2	2828265	5326791	14.67%	1.262%
9	7.333	563	564	566	rVV	1484073	1409950	3.88%	0.334%
10	7.459	572	575	576	rBV	684745	1287385	3.55%	0.305%
11	7.493	576	578	580	rVB	8756952	13058189	35.97%	3.092%
12	7.585	584	586	587	rVV	1458383	1629802	4.49%	0.386%
13	7.927	614	616	617	rVV	1317038	1317371	3.63%	0.312%
14	8.030	623	625	627	rBV2	1067798	1642749	4.52%	0.389%
15	8.442	658	661	663	rVB2	1414613	1433584	3.95%	0.340%
16	8.545	666	670	671	rBV2	2739771	4925428	13.57%	1.166%
17	8.579	671	673	676	rVV	3041121	5009862	13.80%	1.186%
18	8.922	693	703	704	rBV	10322522	36307453	100.00%	8.598%
19	8.956	704	706	708	rVB	3143462	2891729	7.96%	0.685%
20	9.402	741	745	748	rBV2	953763	2052298	5.65%	0.486%
21	9.665	765	768	771	rVB3	773397	1498516	4.13%	0.355%
22	9.756	771	776	777	rBV	9811606	19010264	52.36%	4.502%
23	9.870	781	786	789	rVV	9183543	13850870	38.15%	3.280%
24	10.190	812	814	815	rVB	1156236	1284328	3.54%	0.304%
25	10.316	822	825	827	rBV	4172067	5213720	14.36%	1.235%
26	10.431	833	835	839	rVB	5203040	6199715	17.08%	1.468%
27	10.522	839	843	844	rBV	4056878	6986078	19.24%	1.654%
28	10.613	847	851	852	rBV	5255498	8020436	22.09%	1.899%
29	10.636	852	853	856	rVB	3732520	4047145	11.15%	0.958%
30	10.751	861	863	868	rVB	3245348	4902780	13.50%	1.161%
31	10.842	868	871	873	rBV2	3197356	4391017	12.09%	1.040%
32	11.013	884	886	888	rBV	2230632	2584673	7.12%	0.612%
33	11.071	888	891	893	rVB	7679672	11852360	32.64%	2.807%
34	11.162	896	899	901	rBV	1314189	2188019	6.03%	0.518%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.276	906	909	912	rBV	2906212	4326228	11.92%	1.025%
36	11.333	912	914	915	rVB	1178141	1235340	3.40%	0.293%
37	11.379	915	918	919	rVB3	1104750	1316006	3.62%	0.312%
38	11.425	919	922	923	rBV2	1605152	2405561	6.63%	0.570%
39	11.528	928	931	934	rBV4	1219845	2582499	7.11%	0.612%
40	11.585	934	936	938	rVB	1878930	1787383	4.92%	0.423%
41	11.665	938	943	944	rBV	2447610	3628715	9.99%	0.859%
42	11.711	944	947	951	rBV	5725556	7166095	19.74%	1.697%
43	11.768	951	952	954	rBV	1105617	1340744	3.69%	0.318%
44	11.836	957	958	960	rBV2	1074943	1343214	3.70%	0.318%
45	11.871	960	961	963	rVB	1490590	1853440	5.10%	0.439%
46	11.974	968	970	972	rBV	2475612	4042570	11.13%	0.957%
47	12.214	989	991	993	rBV	2871081	3447459	9.50%	0.816%
48	12.385	1003	1006	1008	rBV	1825862	3139894	8.65%	0.744%
49	12.419	1008	1009	1013	rVV2	1385988	2359982	6.50%	0.559%
50	12.488	1013	1015	1017	rVB2	1811645	1999466	5.51%	0.474%
51	12.579	1019	1023	1024	rBV3	866100	2065057	5.69%	0.489%
52	12.739	1034	1037	1038	rVB	2550830	2605798	7.18%	0.617%
53	12.796	1038	1042	1045	rVB	2403844	3419844	9.42%	0.810%
54	12.922	1049	1053	1055	rBV	8012165	15868935	43.71%	3.758%
55	12.979	1055	1058	1059	rBV	6075749	7151447	19.70%	1.694%
56	13.014	1059	1061	1064	rVB4	869104	1216545	3.35%	0.288%
57	13.174	1073	1075	1076	rVV2	1009206	1535091	4.23%	0.364%
58	13.231	1078	1080	1083	rVV2	891593	2064091	5.69%	0.489%
59	13.391	1092	1094	1097	rVB2	945798	1458133	4.02%	0.345%
60	13.505	1101	1104	1105	rVV	4517395	6092876	16.78%	1.443%
61	13.539	1105	1107	1110	rVV	4723123	5484574	15.11%	1.299%
62	13.597	1110	1112	1114	rVV	2355786	3353078	9.24%	0.794%
63	13.642	1114	1116	1118	rVV	5503034	9001272	24.79%	2.132%
64	13.677	1118	1119	1120	rVV	3147060	2386849	6.57%	0.565%
65	13.871	1134	1136	1143	rVB2	2417462	5006604	13.79%	1.186%
66	14.191	1162	1164	1166	rVV	2394056	3793267	10.45%	0.898%
67	14.225	1166	1167	1172	rVB2	1933345	3767841	10.38%	0.892%
68	14.305	1172	1174	1177	rBV2	1089740	1942862	5.35%	0.460%
69	14.397	1179	1182	1186	rVB	5633049	9499385	26.16%	2.250%
70	14.465	1186	1188	1189	rBV2	953015	1470965	4.05%	0.348%
71	14.499	1189	1191	1194	rVB	3101475	3884683	10.70%	0.920%

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72	14.568	1194	1197	1198	rBV	799218	1487812	4.10%	0.352%
73	14.682	1203	1207	1209	rVV	6635320	13057307	35.96%	3.092%
74	14.865	1221	1223	1224	rVV	1574290	1813634	5.00%	0.430%
75	14.945	1227	1230	1234	rVV2	1497932	3042547	8.38%	0.721%
76	15.060	1237	1240	1241	rVV2	1669462	3659824	10.08%	0.867%
77	15.082	1241	1242	1244	rVB	2794122	2383736	6.57%	0.565%
78	15.162	1247	1249	1251	rVV	2008575	2850327	7.85%	0.675%
79	15.208	1251	1253	1255	rVV	2088329	2356833	6.49%	0.558%
80	15.288	1258	1260	1261	rVV	1016540	1467243	4.04%	0.347%
81	15.322	1261	1263	1264	rVV	1691495	1965812	5.41%	0.466%
82	15.357	1264	1266	1270	rVB	1845458	2974156	8.19%	0.704%
83	15.608	1284	1288	1291	rVB3	716562	1895309	5.22%	0.449%
84	15.882	1310	1312	1316	rVB2	917799	1893546	5.22%	0.448%
85	16.157	1333	1336	1338	rBV	4102030	8001488	22.04%	1.895%
86	16.214	1338	1341	1343	rVB	3246646	5049205	13.91%	1.196%
87	16.671	1378	1381	1383	rVV	1994172	3047100	8.39%	0.722%
88	16.717	1383	1385	1387	rVV	907421	1325990	3.65%	0.314%
89	16.785	1387	1391	1393	rVV3	956656	2165755	5.97%	0.513%
90	16.854	1396	1397	1401	rVV2	1203041	1818416	5.01%	0.431%
91	17.483	1448	1452	1458	rVV	2398316	5789381	15.95%	1.371%
92	17.597	1460	1462	1464	rVB	1035645	1367909	3.77%	0.324%
93	17.803	1477	1480	1482	rVB	2204546	2599269	7.16%	0.616%
94	17.871	1482	1486	1488	rVV	3615461	5124276	14.11%	1.214%
95	17.951	1492	1493	1499	rVV2	558655	1230931	3.39%	0.292%
96	18.146	1503	1510	1515	rBV4	430233	1946263	5.36%	0.461%
97	18.488	1537	1540	1545	rVB3	566082	1305411	3.60%	0.309%
98	19.391	1615	1619	1624	rVB2	1096287	2378292	6.55%	0.563%
99	19.837	1653	1658	1666	rVB	985466	2543468	7.01%	0.602%
100	20.054	1674	1677	1685	rVB	546855	1294301	3.56%	0.307%

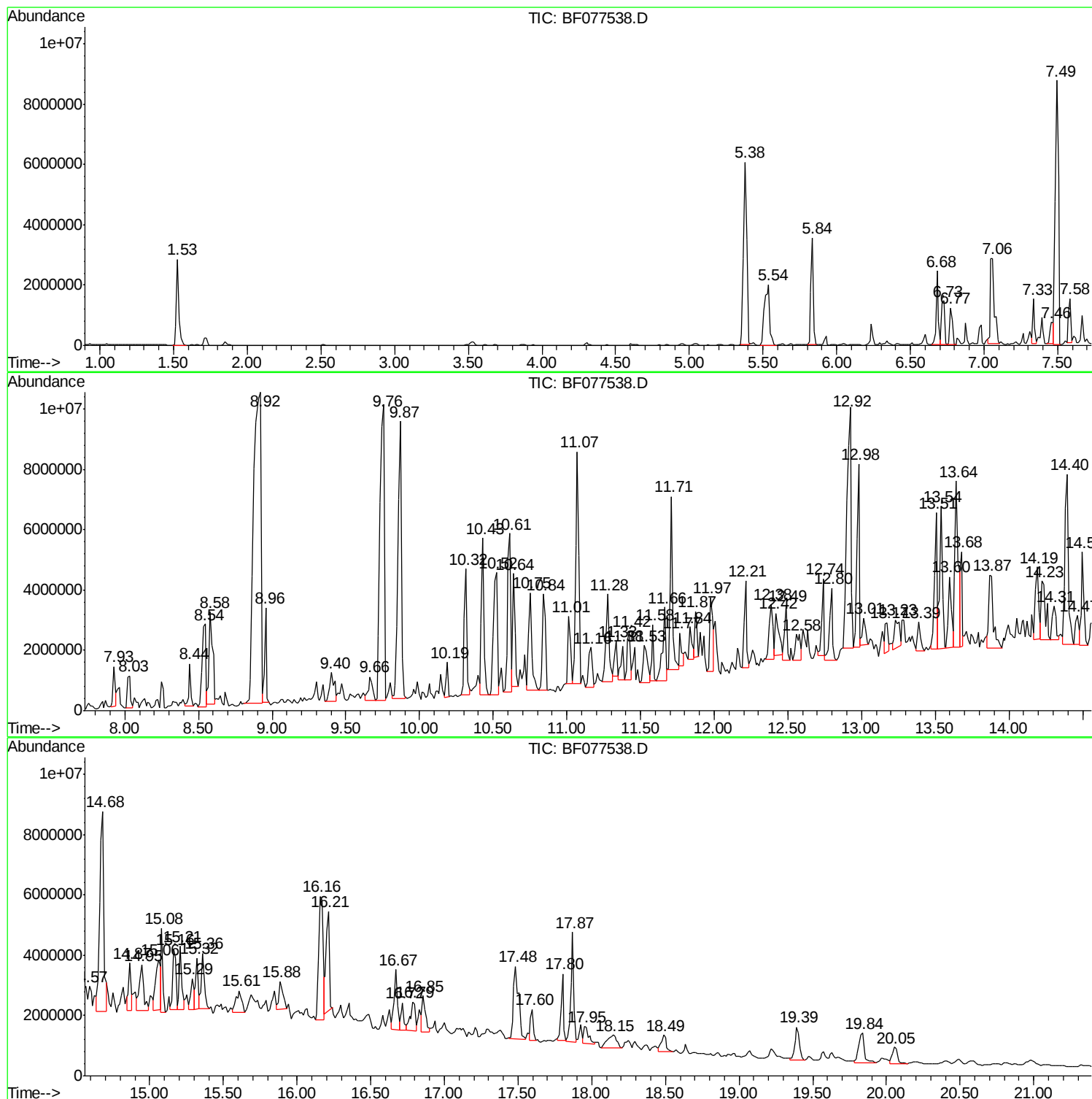
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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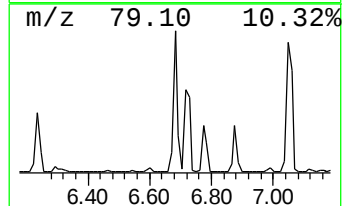
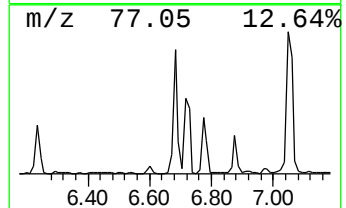
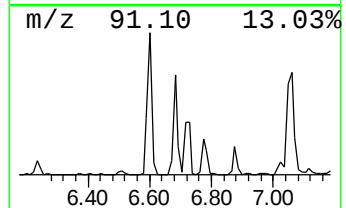
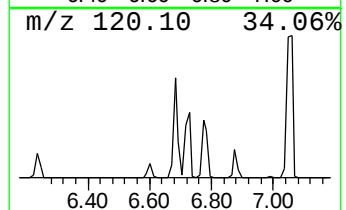
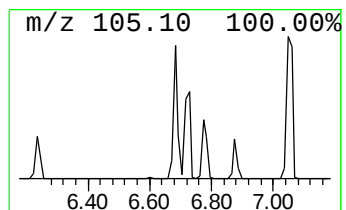
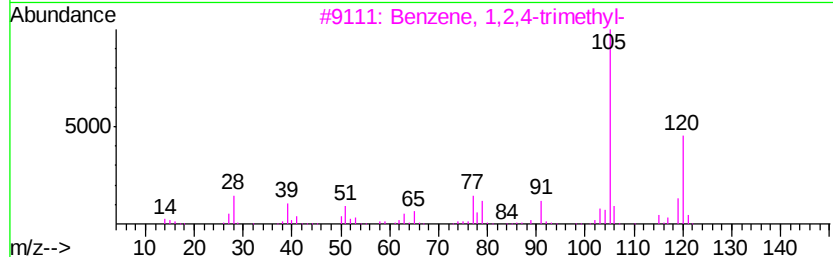
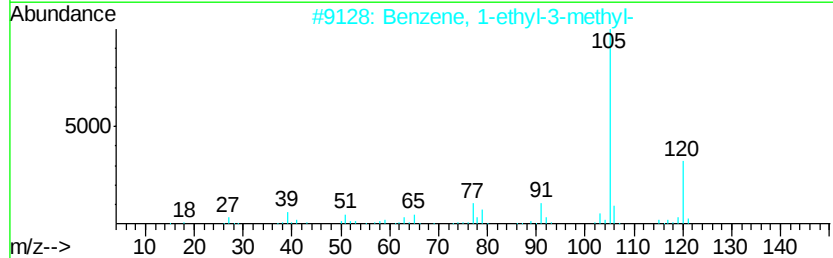
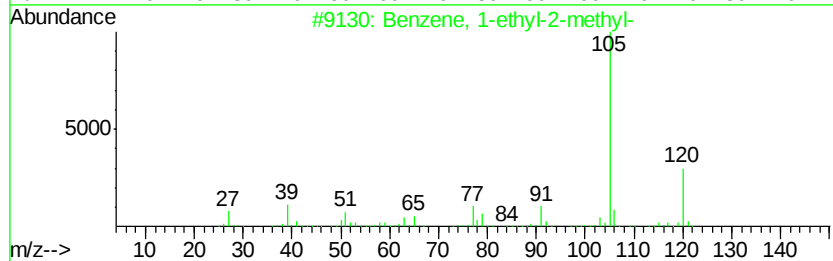
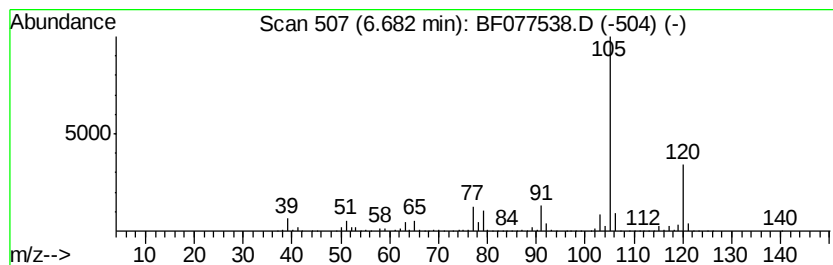
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	37.45 ng	2640410	1,4-Dichlorobenzene-d4	7.26

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



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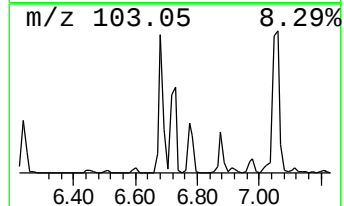
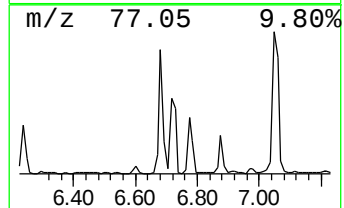
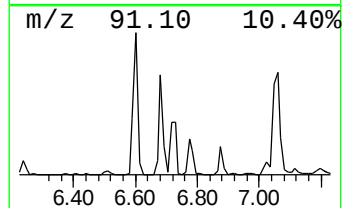
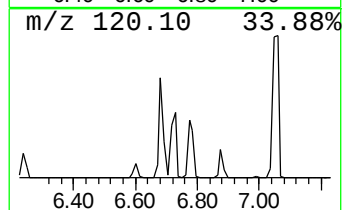
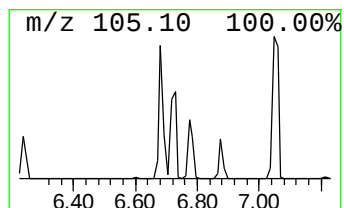
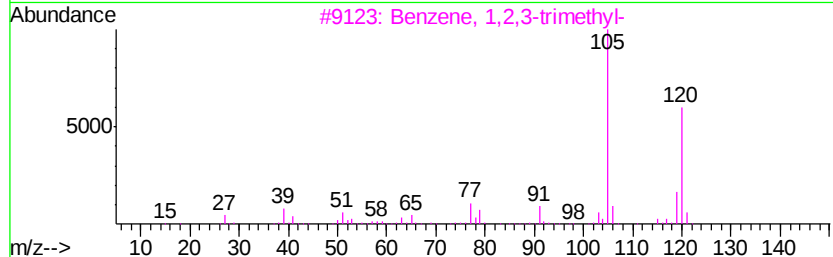
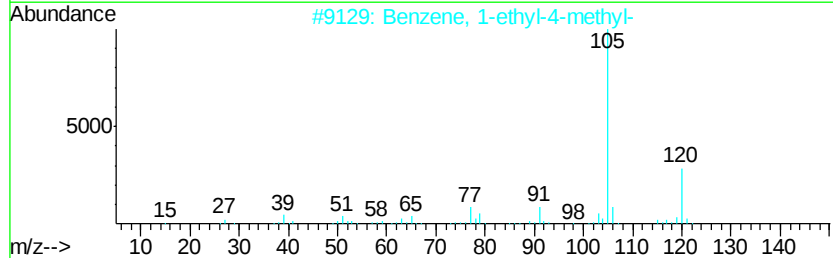
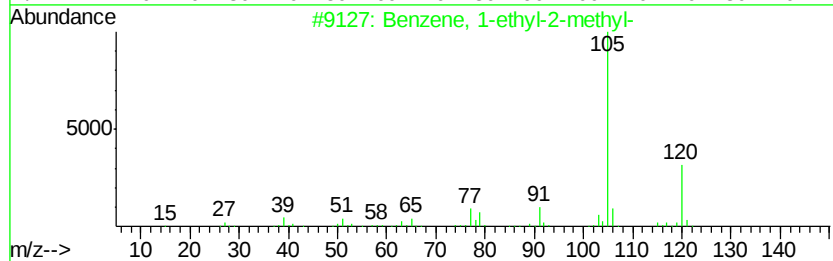
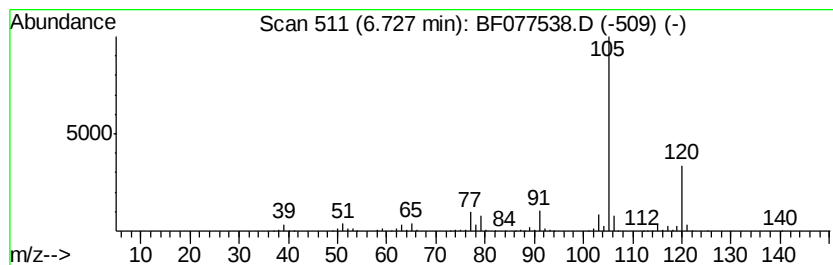
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	28.10 ng	1981270	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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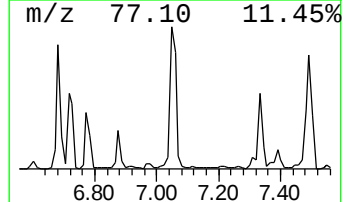
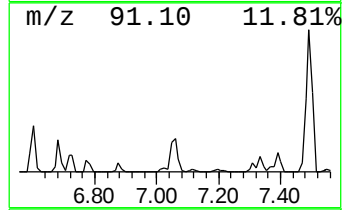
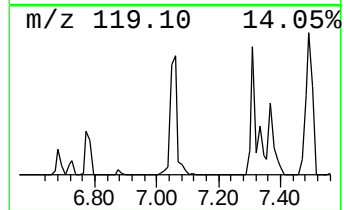
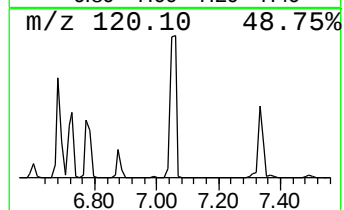
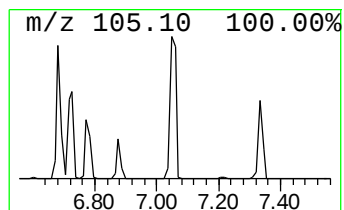
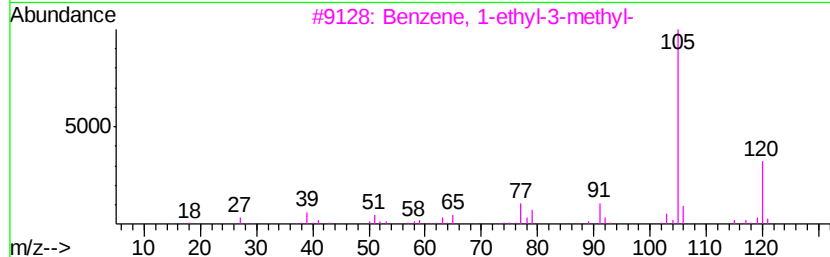
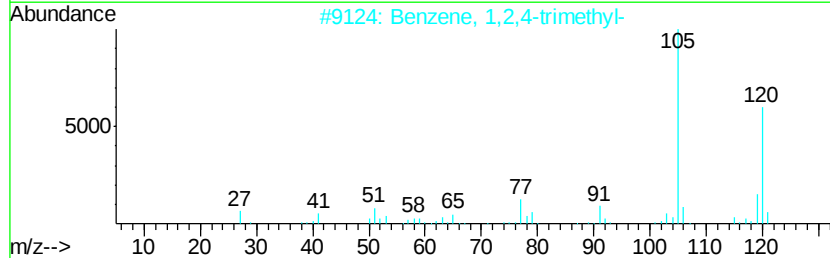
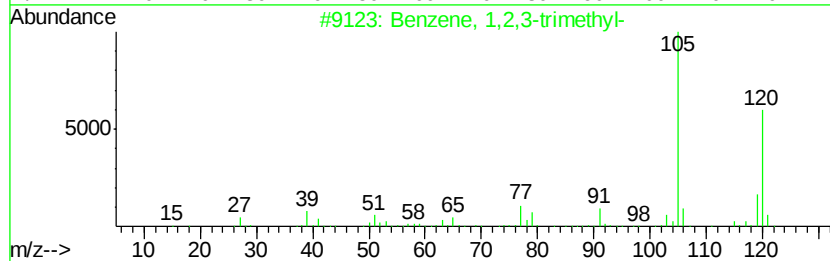
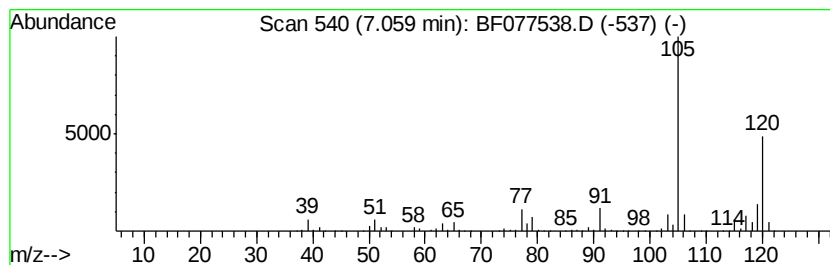
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	75.56 ng	5326790	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

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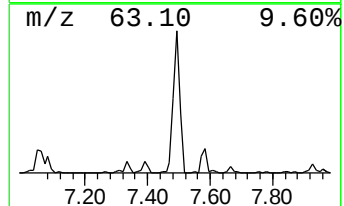
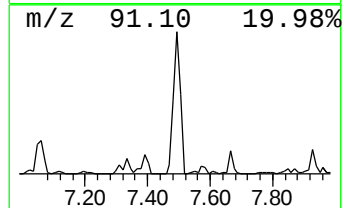
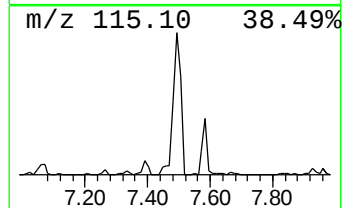
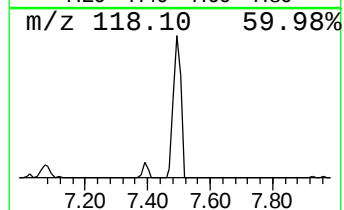
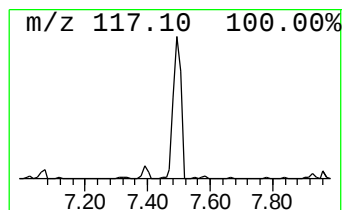
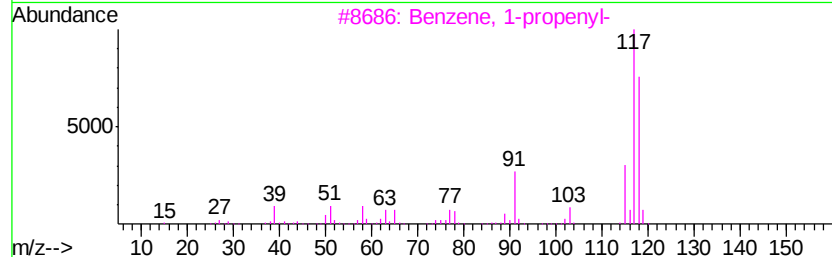
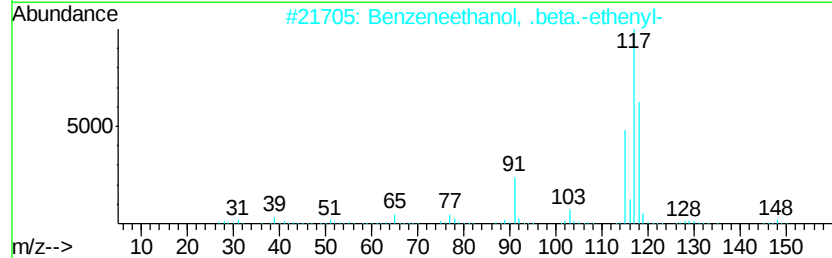
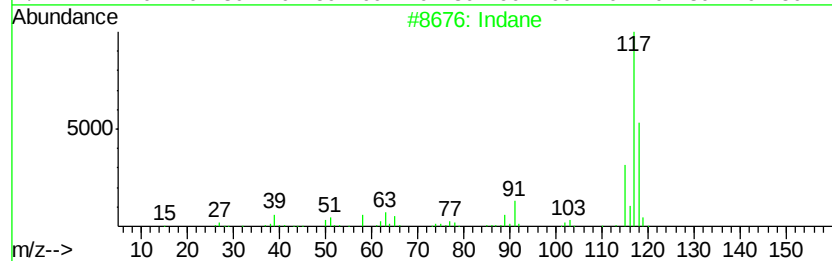
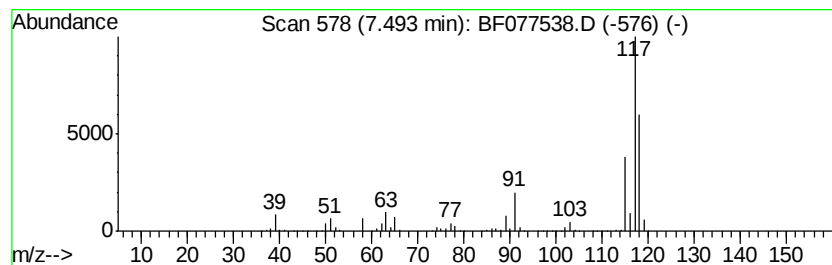
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	185.23 ng	13058200	1,4-Dichlorobenzene-d4	7.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-		148	C10H12O	006052-63-7	78
3	Benzene, 1-propenyl-		118	C9H10	000637-50-3	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
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Acq On : 2 Mar 2015 22:44
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ALS Vial : 19 Sample Multiplier: 1

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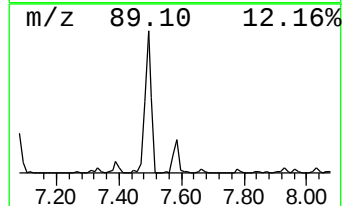
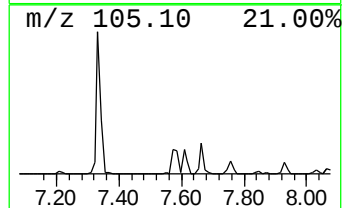
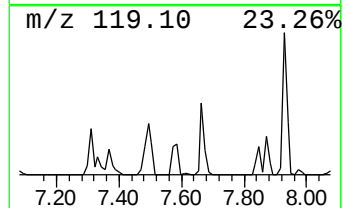
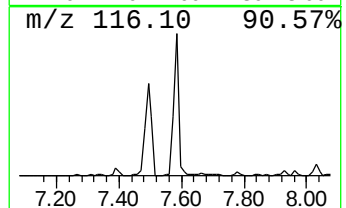
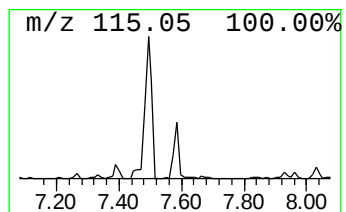
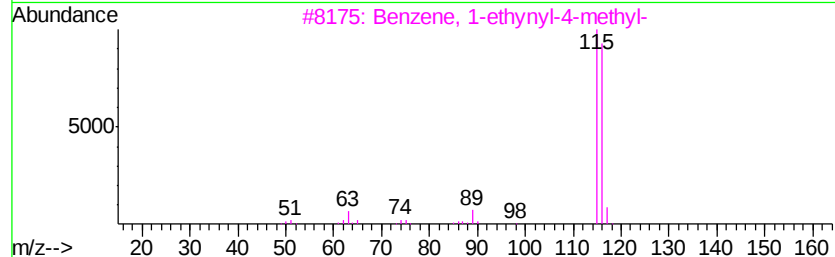
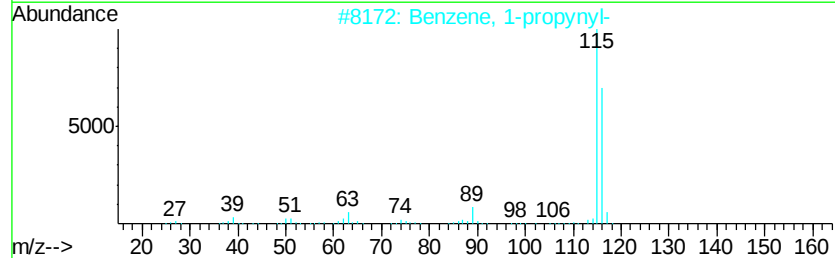
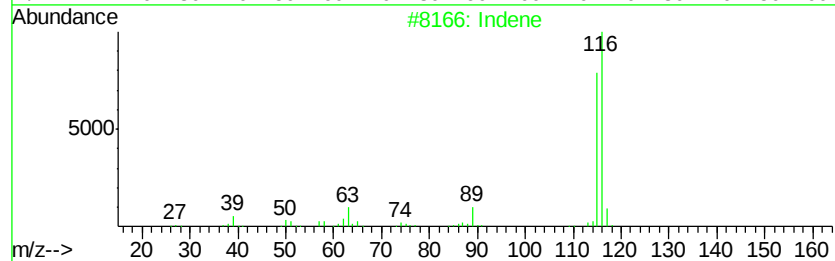
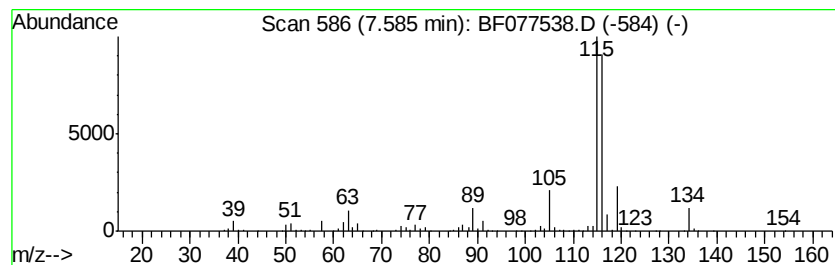
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-propynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	23.12 ng	1629800	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	76
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	68
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

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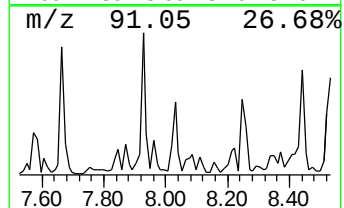
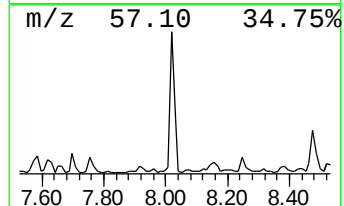
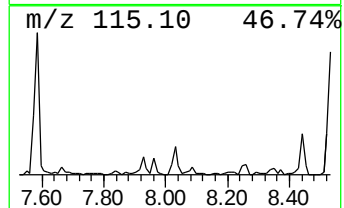
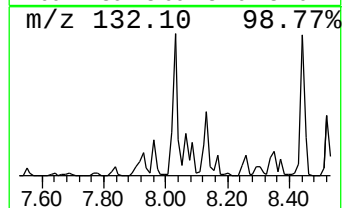
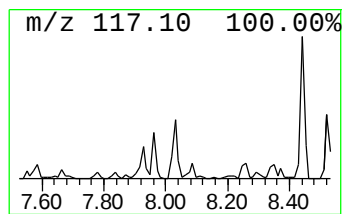
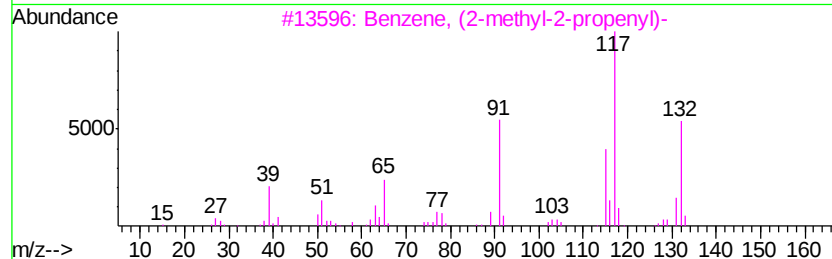
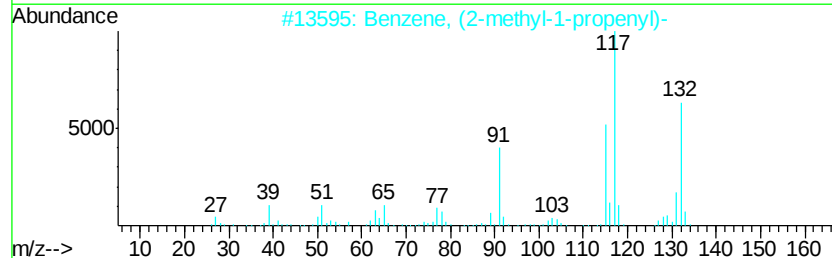
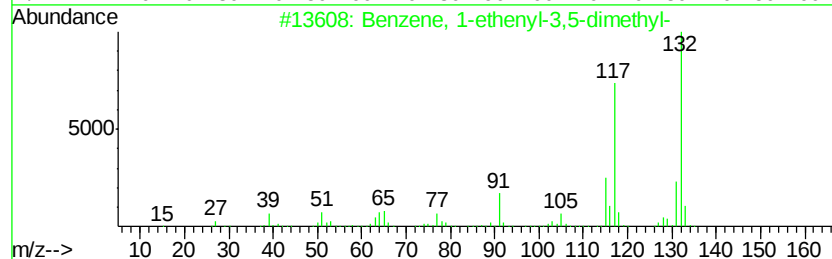
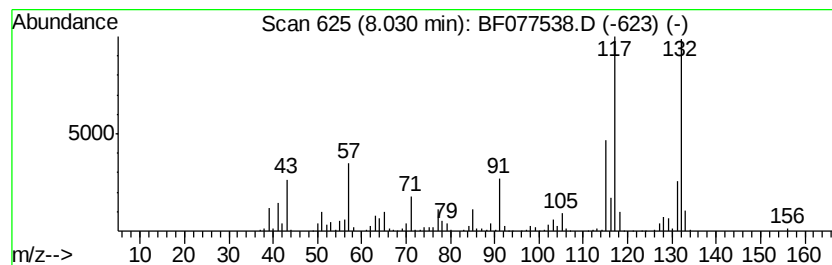
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	23.30 ng	1642750	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
5		o-Isopropenyltoluene	132	C10H12	007399-49-7	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

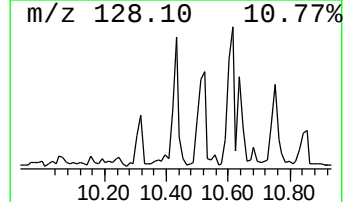
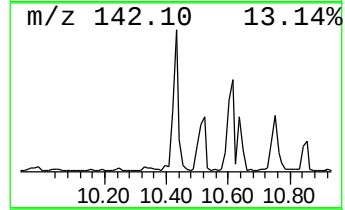
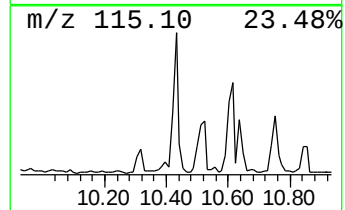
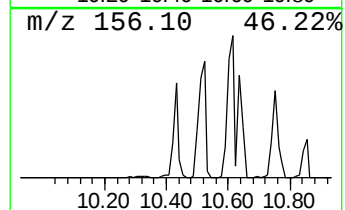
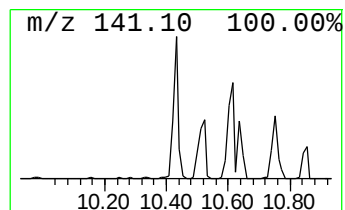
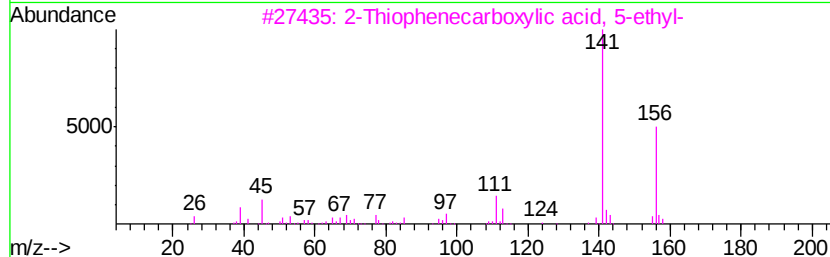
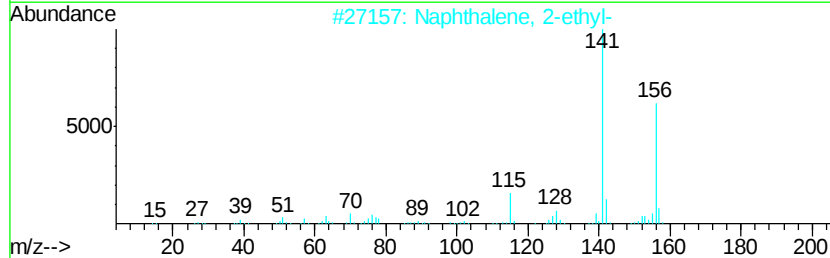
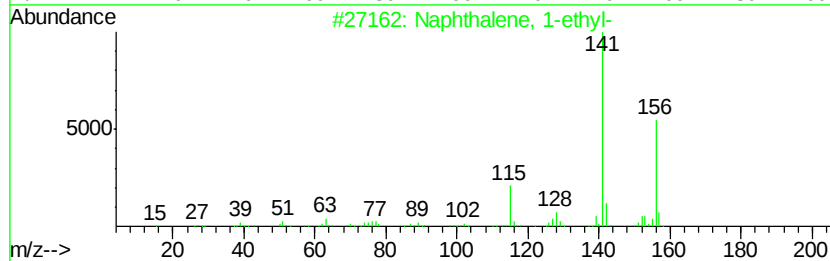
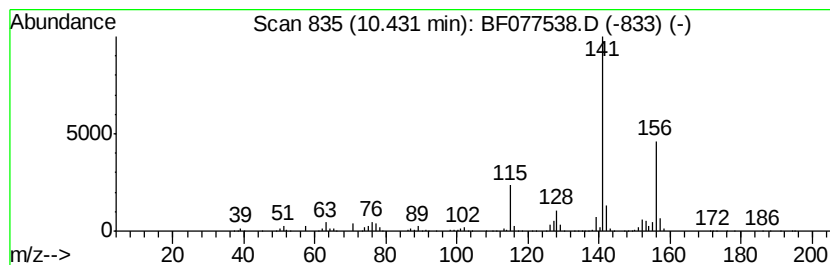
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	47.97 ng	6199720	Acenaphthene-d10	11.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 49
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
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Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

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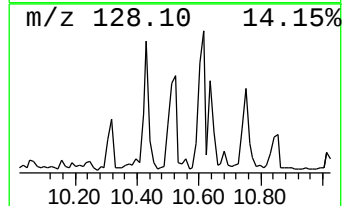
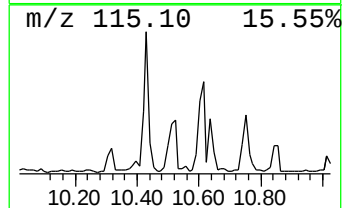
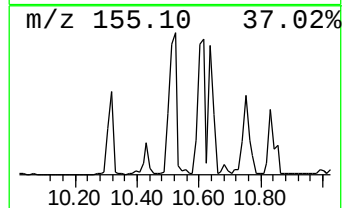
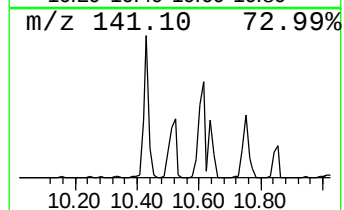
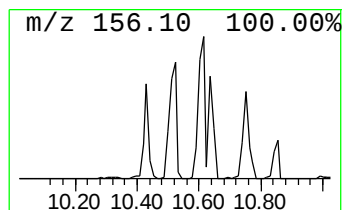
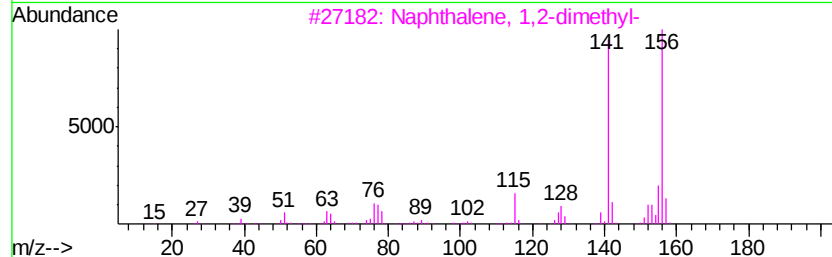
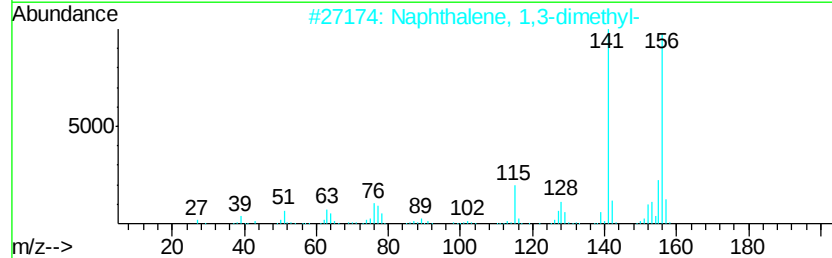
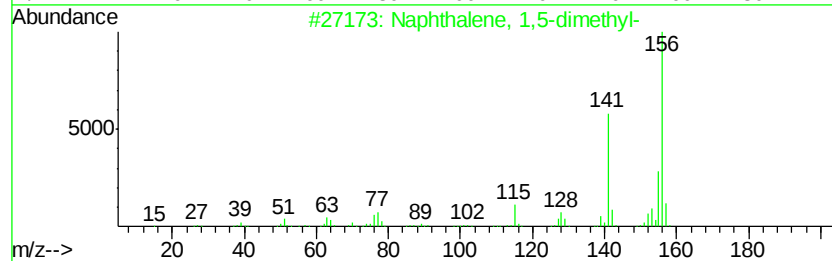
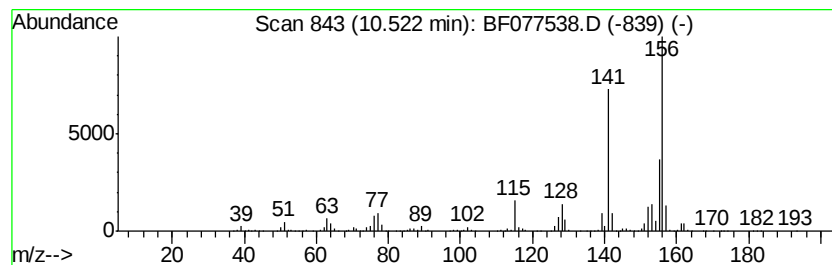
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	54.06 ng	6986080	Acenaphthene-d10	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
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Sample : G1402-04 2X
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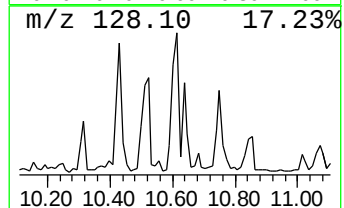
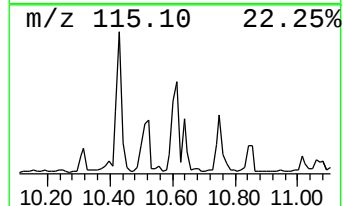
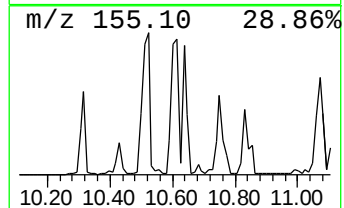
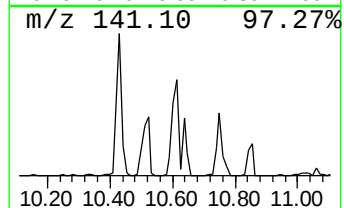
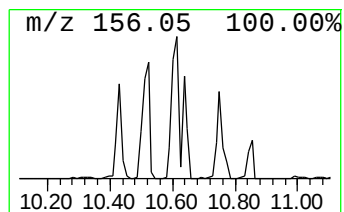
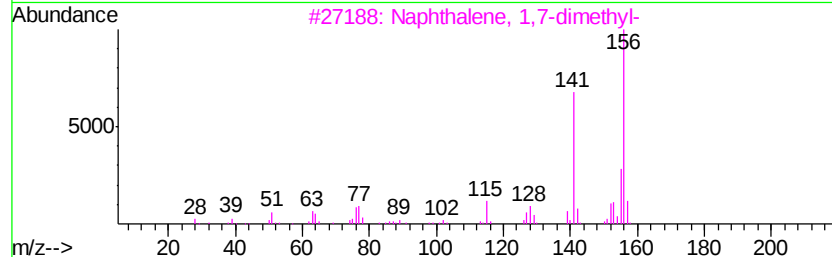
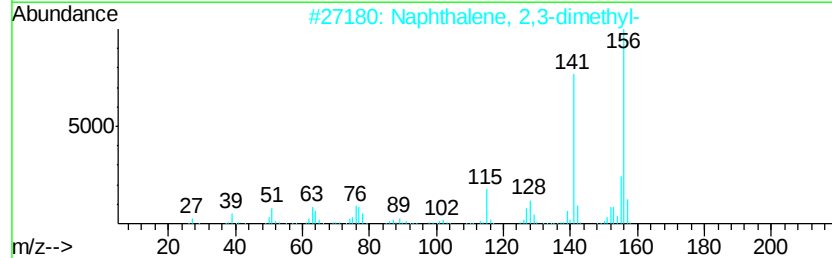
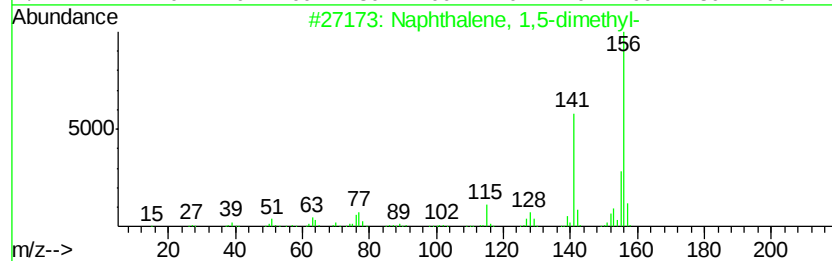
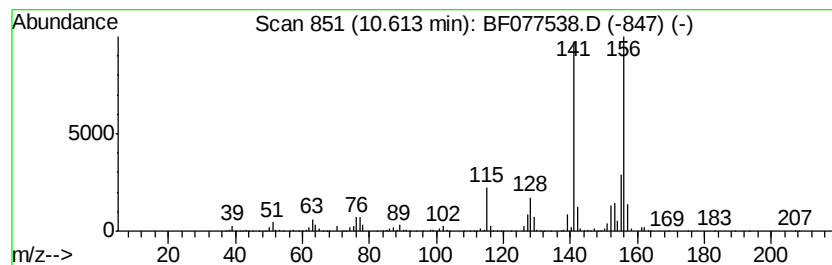
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	62.06 ng	8020440	Acenaphthene-d10	11.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

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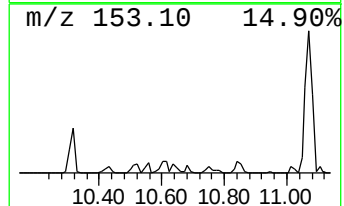
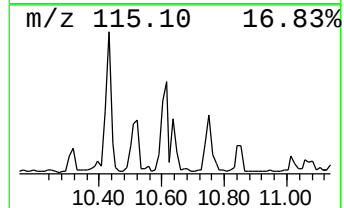
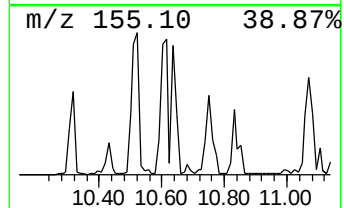
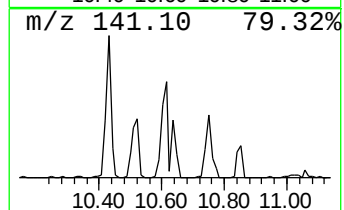
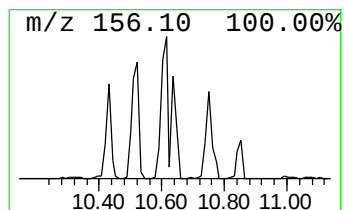
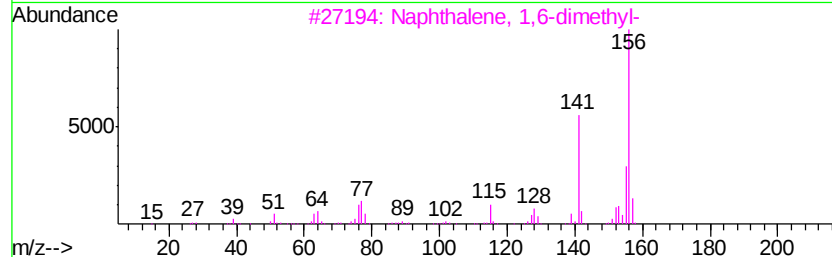
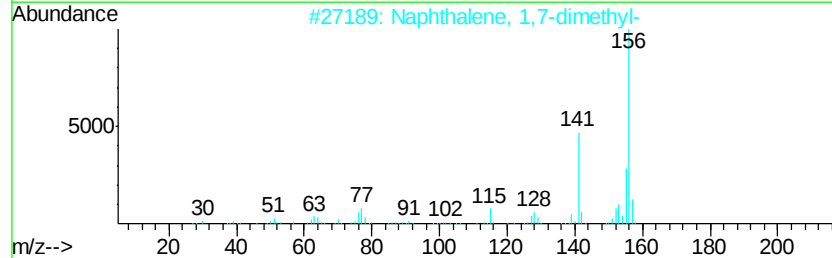
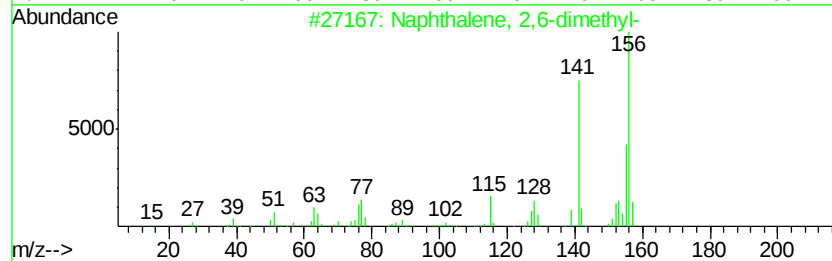
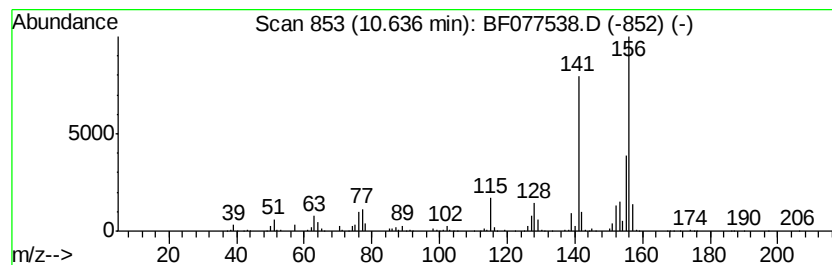
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	31.32 ng	4047150	Acenaphthene-d10	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	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, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW41

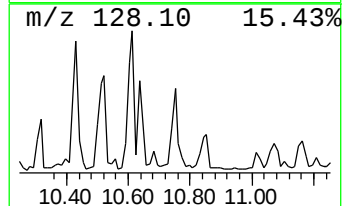
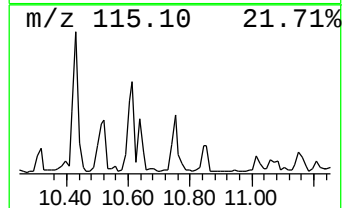
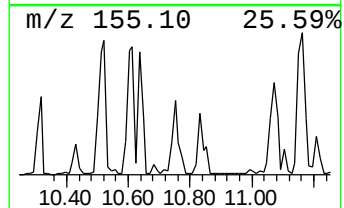
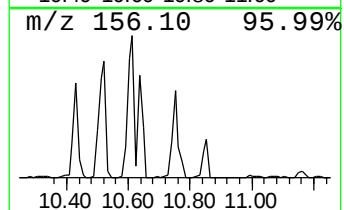
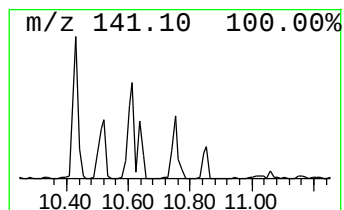
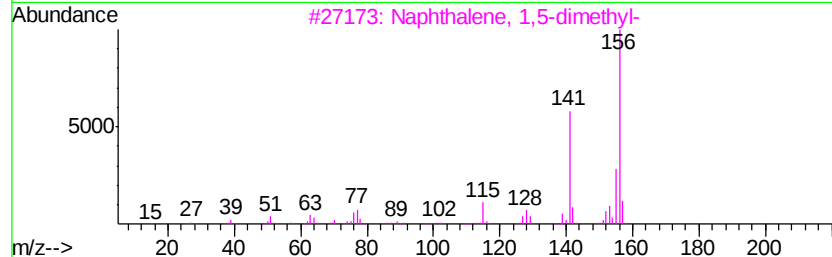
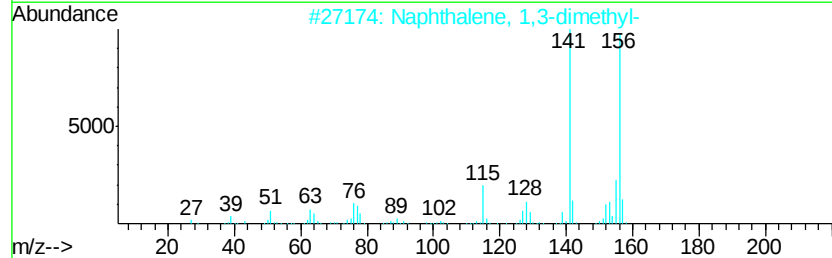
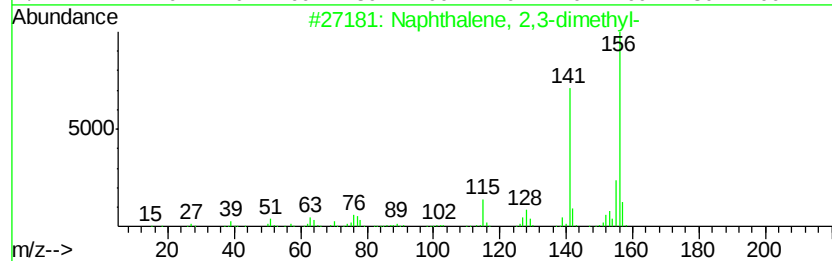
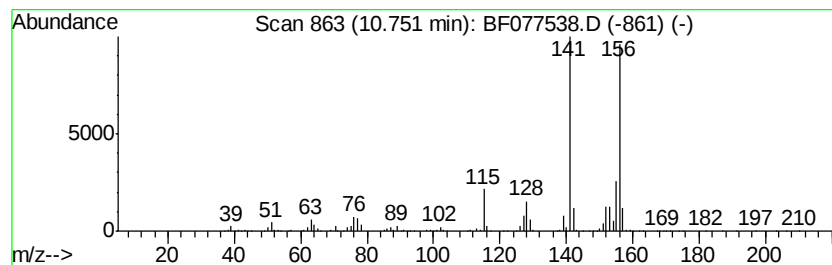
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	37.94 ng	4902780	Acenaphthene-d10	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

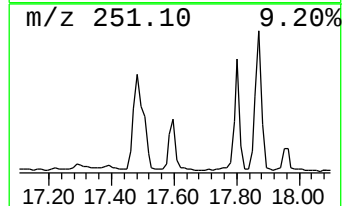
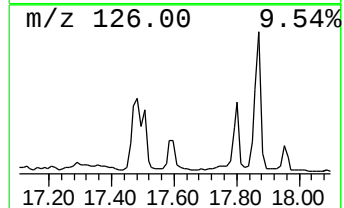
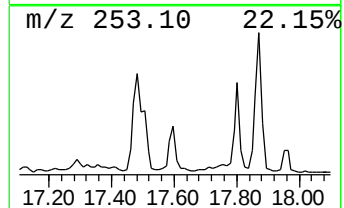
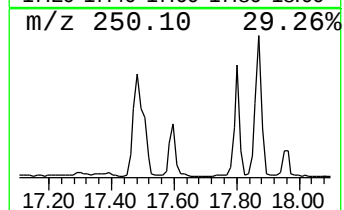
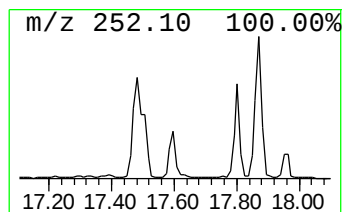
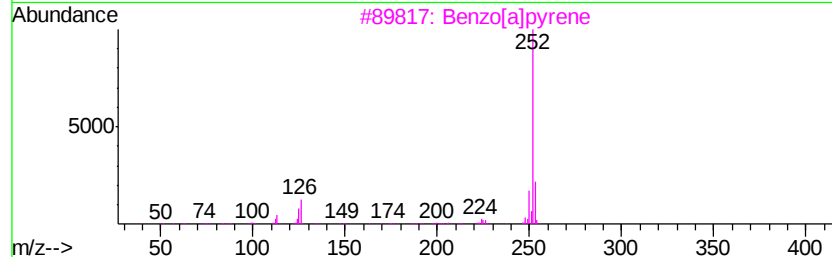
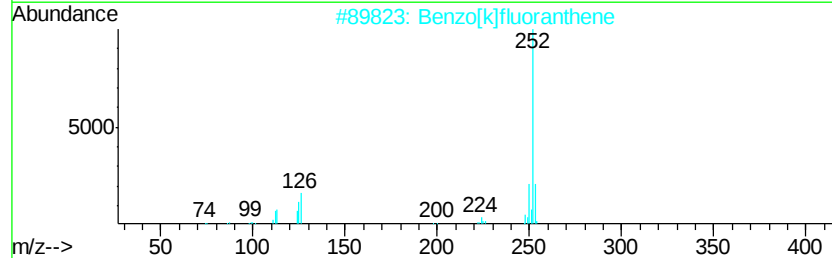
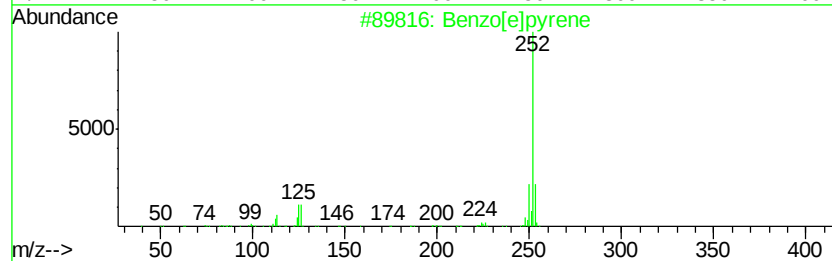
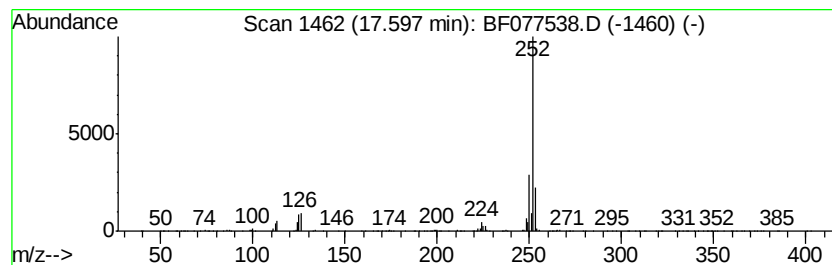
Instrument :
BNA_F
ClientSampleId :
MW41

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.60	22.23 ng	1367910	Perylene-d12	17.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW41

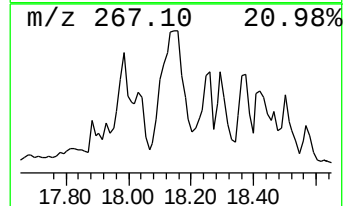
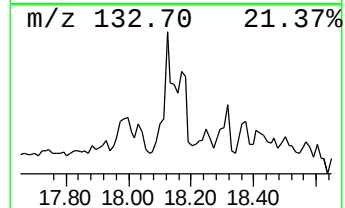
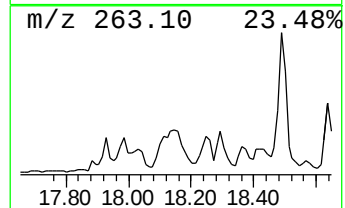
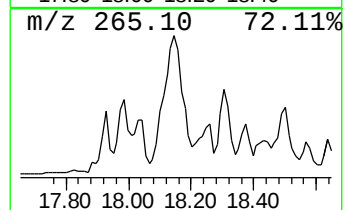
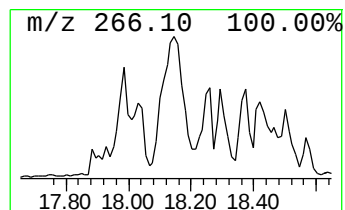
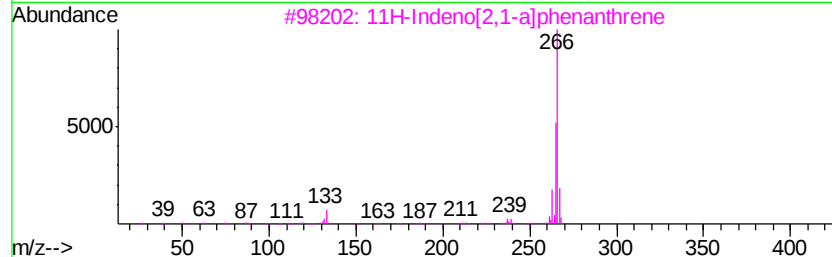
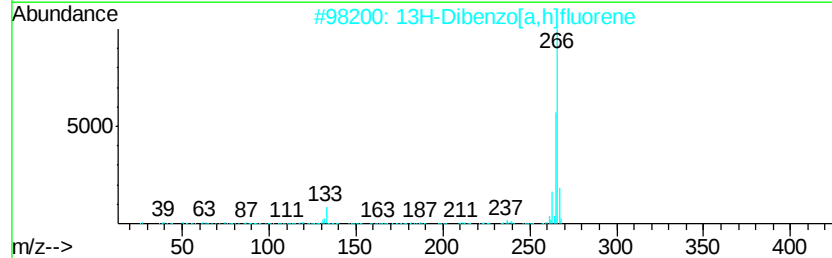
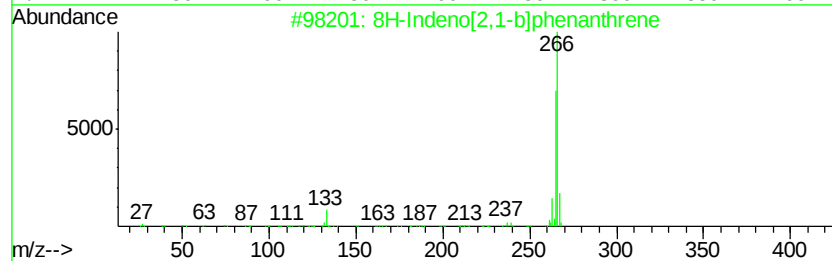
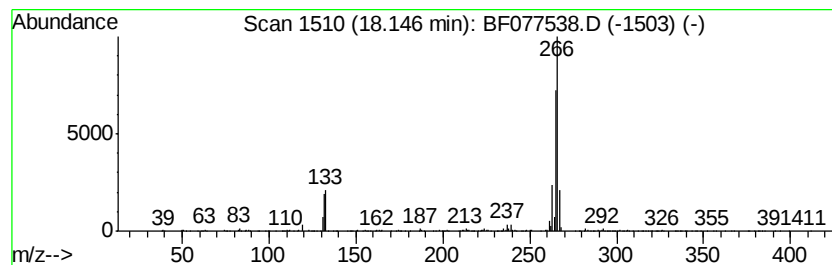
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8H-Indeno[2,1-b]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	31.62 ng	1946260	Perylene-d12	17.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	95
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	95
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	93
4		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	64
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077538.D
Acq On : 2 Mar 2015 22:44
Operator : TP/IZ
Sample : G1402-04 2X
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW41

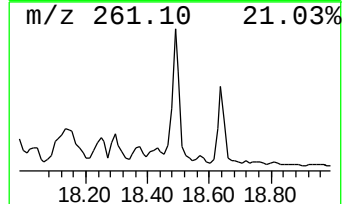
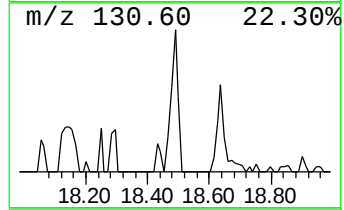
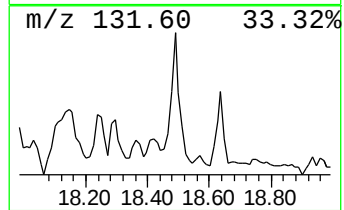
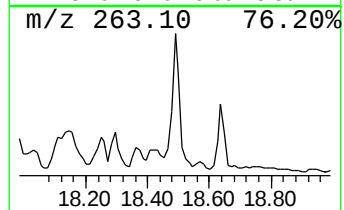
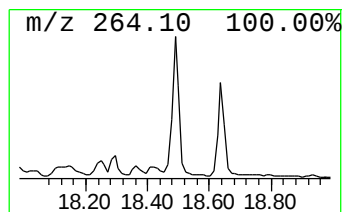
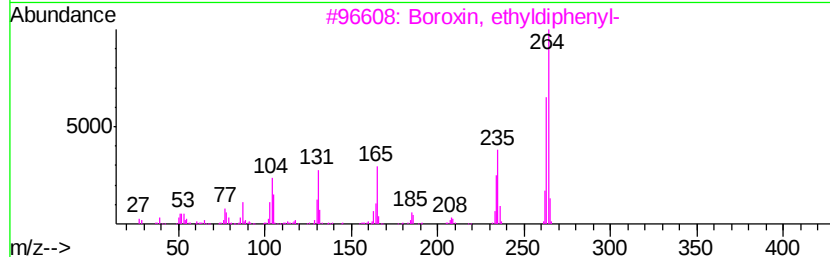
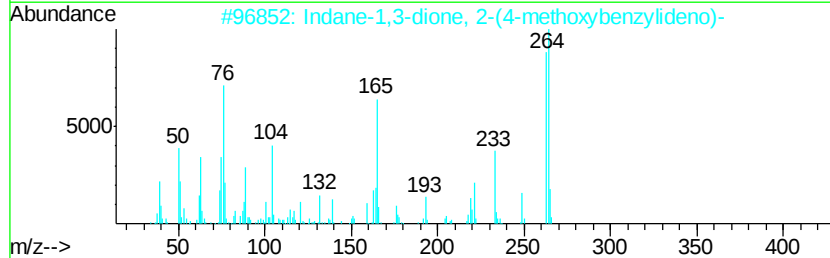
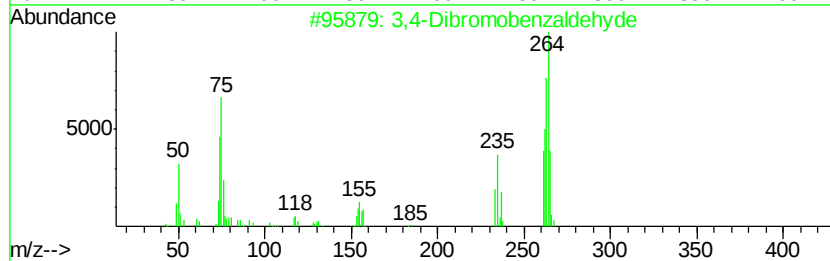
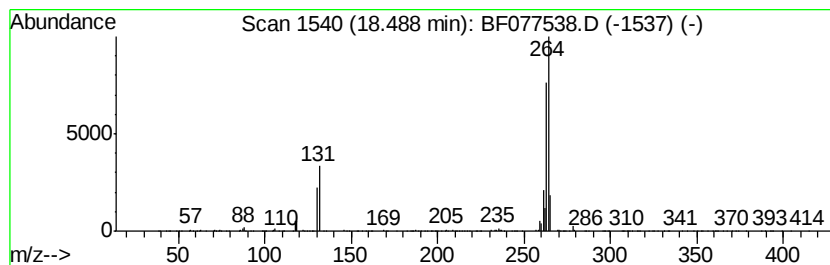
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4-Dibromobenzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	21.21 ng	1305410	Perylene-d12	17.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	50
3		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
4		Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	40
5		2-(4-Bromoanilino)-1-cyclopenten...	262	C12H11BrN2	191980-05-9	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077538.D
 Acq On : 2 Mar 2015 22:44
 Operator : TP/IZ
 Sample : G1402-04 2X
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW41

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Benzene, 1-ethyl-...	6.68	37.5	ng	2640410	1	7.26	1409950	20.0
Benzene, 1-ethyl-...	6.73	28.1	ng	1981270	1	7.26	1409950	20.0
Benzene, 1-ethyl-...	7.06	75.6	ng	5326790	1	7.26	1409950	20.0
Indane	7.49	185.2	ng	13058200	1	7.26	1409950	20.0
Benzene, 1-propynyl-	7.58	23.1	ng	1629800	1	7.26	1409950	20.0
Benzene, 1-etheny...	8.03	23.3	ng	1642750	1	7.26	1409950	20.0
Naphthalene, 1-et...	10.43	48.0	ng	6199720	3	11.02	2584670	20.0
Naphthalene, 1,5-...	10.52	54.1	ng	6986080	3	11.02	2584670	20.0
Naphthalene, 2,3-...	10.61	62.1	ng	8020440	3	11.02	2584670	20.0
Naphthalene, 2,6-...	10.64	31.3	ng	4047150	3	11.02	2584670	20.0
Naphthalene, 1,3-...	10.75	37.9	ng	4902780	3	11.02	2584670	20.0
Benzo[e]pyrene	17.60	22.2	ng	1367910	6	17.93	1230930	20.0
8H-Indeno[2,1-b]p...	18.15	31.6	ng	1946260	6	17.93	1230930	20.0
3,4-Dibromobenzal...	18.49	21.2	ng	1305410	6	17.93	1230930	20.0