

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101991.D
 Acq On : 10 Jan 2018 20:50
 Operator : SJ/JU
 Sample : J1076-08 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12R12-02

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-BF010918.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	3.692	268	273	282	rVB	145150	216345	7.73%	0.560%
2	5.186	523	527	531	rBV	264523	242024	8.65%	0.627%
3	5.298	542	546	548	rBV	242604	250691	8.95%	0.649%
4	5.557	583	590	594	rBV2	207275	269827	9.64%	0.699%
5	6.251	704	708	710	rBV	198792	165794	5.92%	0.429%
6	6.281	710	713	716	rVB	138443	104998	3.75%	0.272%
7	6.328	716	721	723	rBV	104624	97379	3.48%	0.252%
8	6.551	756	759	765	rVB2	421899	447941	16.00%	1.160%
9	6.728	785	789	792	rBV	1603413	1337487	47.78%	3.464%
10	6.781	796	798	801	rVV	114148	89837	3.21%	0.233%
11	6.904	816	819	823	rVB	517258	401136	14.33%	1.039%
12	6.986	829	833	836	rBV	669342	586995	20.97%	1.520%
13	7.045	839	843	846	rBV	80170	73349	2.62%	0.190%
14	7.263	876	880	882	rBV	113456	98638	3.52%	0.255%
15	7.328	888	891	897	rBV2	69024	108483	3.88%	0.281%
16	7.757	957	964	967	rBV3	204585	292320	10.44%	0.757%
17	7.792	967	970	975	rVB	146585	203099	7.25%	0.526%
18	8.010	1001	1007	1009	rBV	2032087	2291292	81.85%	5.934%
19	8.033	1009	1011	1014	rVV	3862138	2799475	100.00%	7.250%
20	8.080	1014	1019	1021	rVV2	167000	149790	5.35%	0.388%
21	8.604	1104	1108	1111	rBV2	102724	94168	3.36%	0.244%
22	8.722	1122	1128	1131	rVB	1707484	1350554	48.24%	3.498%
23	8.774	1131	1137	1139	rBV	218942	209062	7.47%	0.541%
24	8.822	1139	1145	1148	rVB	1023963	961378	34.34%	2.490%
25	9.169	1199	1204	1205	rBV	91314	94058	3.36%	0.244%
26	9.180	1205	1206	1210	rVB	203204	154756	5.53%	0.401%
27	9.251	1215	1218	1220	rVV3	126341	130166	4.65%	0.337%
28	9.280	1220	1223	1228	rVB	289783	302007	10.79%	0.782%
29	9.345	1228	1234	1238	rBV	360226	490243	17.51%	1.270%
30	9.380	1238	1240	1243	rVV2	92319	87611	3.13%	0.227%
31	9.422	1243	1247	1249	rVV	517984	530497	18.95%	1.374%
32	9.445	1249	1251	1255	rVV	361678	311839	11.14%	0.808%
33	9.486	1255	1258	1261	rVV	133849	116898	4.18%	0.303%
34	9.539	1261	1267	1271	rVV	213290	265824	9.50%	0.688%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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35	9.621	1275	1281	1285	rBV	468751	424543	15.17%	1.099%
36	9.763	1297	1305	1308	rBV	2069070	1973398	70.49%	5.111%
37	9.792	1308	1310	1314	rVB	801675	625312	22.34%	1.619%
38	9.863	1319	1322	1327	rVB2	99548	125553	4.48%	0.325%
39	9.963	1333	1339	1343	rVB	400291	372293	13.30%	0.964%
40	10.004	1343	1346	1349	rBV	119787	105021	3.75%	0.272%
41	10.074	1353	1358	1361	rBV2	127174	157049	5.61%	0.407%
42	10.163	1369	1373	1375	rBV3	88559	121023	4.32%	0.313%
43	10.304	1394	1397	1403	rVB	732406	661926	23.64%	1.714%
44	10.416	1414	1416	1419	rBV	113182	87235	3.12%	0.226%
45	10.463	1421	1424	1427	rVB	105365	82156	2.93%	0.213%
46	10.527	1432	1435	1436	rBV	137683	107492	3.84%	0.278%
47	10.545	1436	1438	1442	rVB	117252	124222	4.44%	0.322%
48	10.668	1456	1459	1463	rBV2	147197	163097	5.83%	0.422%
49	10.851	1485	1490	1493	rBV2	150913	195565	6.99%	0.506%
50	10.880	1493	1495	1498	rVV2	110879	89866	3.21%	0.233%
51	11.051	1521	1524	1527	rVB3	75317	73600	2.63%	0.191%
52	11.139	1536	1539	1546	rVB	342472	336399	12.02%	0.871%
53	11.245	1553	1557	1559	rBV	1800515	1725228	61.63%	4.468%
54	11.268	1559	1561	1564	rVV	2453647	1811079	64.69%	4.690%
55	11.316	1566	1569	1572	rVB	695107	552169	19.72%	1.430%
56	11.351	1572	1575	1578	rBV	71606	78207	2.79%	0.203%
57	11.474	1593	1596	1598	rBV	123856	102129	3.65%	0.264%
58	11.539	1605	1607	1610	rBV	139746	117949	4.21%	0.305%
59	11.568	1610	1612	1618	rVB2	128783	124229	4.44%	0.322%
60	11.657	1624	1627	1631	rVB	114932	125448	4.48%	0.325%
61	11.745	1638	1642	1644	rVV	379512	361754	12.92%	0.937%
62	11.768	1644	1646	1650	rVV	440917	374383	13.37%	0.970%
63	11.815	1651	1654	1657	rVV	172611	156779	5.60%	0.406%
64	11.851	1657	1660	1663	rVV	548518	602331	21.52%	1.560%
65	11.874	1663	1664	1669	rVB	241722	172547	6.16%	0.447%
66	11.951	1674	1677	1679	rVV	88072	81534	2.91%	0.211%
67	12.039	1689	1692	1694	rVV	219261	194202	6.94%	0.503%
68	12.292	1731	1735	1738	rBV	205985	213529	7.63%	0.553%
69	12.333	1738	1742	1746	rVB2	125847	219632	7.85%	0.569%
70	12.374	1746	1749	1754	rBV2	88205	105095	3.75%	0.272%
71	12.451	1758	1762	1766	rBV	1555638	1346256	48.09%	3.487%

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72	12.545	1775	1778	1781	rVB	215311	179162	6.40%	0.464%
73	12.604	1781	1788	1795	rVB4	84721	146096	5.22%	0.378%
74	12.680	1795	1801	1804	rBV	1469930	1393553	49.78%	3.609%
75	12.833	1823	1827	1833	rVB3	60373	115926	4.14%	0.300%
76	12.898	1833	1838	1841	rBV4	106802	164281	5.87%	0.425%
77	12.980	1849	1852	1854	rBV2	81936	100965	3.61%	0.261%
78	13.004	1854	1856	1860	rVB	247399	224867	8.03%	0.582%
79	13.074	1861	1868	1870	rBV2	246629	260649	9.31%	0.675%
80	13.110	1870	1874	1878	rVV2	159954	151315	5.41%	0.392%
81	13.204	1887	1890	1892	rVB	97395	89510	3.20%	0.232%
82	13.233	1892	1895	1899	rBV	109585	98404	3.52%	0.255%
83	13.409	1922	1925	1930	rVB3	108917	127812	4.57%	0.331%
84	13.621	1955	1961	1964	rBV2	104985	158965	5.68%	0.412%
85	13.651	1964	1966	1968	rVV	93004	78825	2.82%	0.204%
86	13.874	1999	2004	2006	rBV2	1296954	1512110	54.01%	3.916%
87	13.898	2006	2008	2011	rVB	426466	330741	11.81%	0.857%
88	14.256	2067	2069	2073	rVB	103323	99599	3.56%	0.258%
89	14.351	2083	2085	2088	rVV3	90557	89520	3.20%	0.232%
90	14.404	2092	2094	2098	rVB2	76607	72324	2.58%	0.187%
91	14.886	2172	2176	2184	rBV	356996	711388	25.41%	1.842%
92	14.986	2190	2193	2197	rVB	120855	139089	4.97%	0.360%
93	15.174	2221	2225	2230	rVB	241062	280674	10.03%	0.727%
94	15.233	2230	2235	2240	rBV	387488	456460	16.31%	1.182%
95	15.292	2240	2245	2249	rVV	846356	1077257	38.48%	2.790%
96	15.321	2249	2250	2257	rVB3	127219	138712	4.95%	0.359%
97	15.815	2331	2334	2341	rVB2	46055	83219	2.97%	0.216%
98	16.662	2472	2478	2486	rVB2	169474	351315	12.55%	0.910%
99	17.074	2541	2548	2554	rBV	139375	288450	10.30%	0.747%
100	17.297	2582	2586	2590	rVB2	46574	75758	2.71%	0.196%

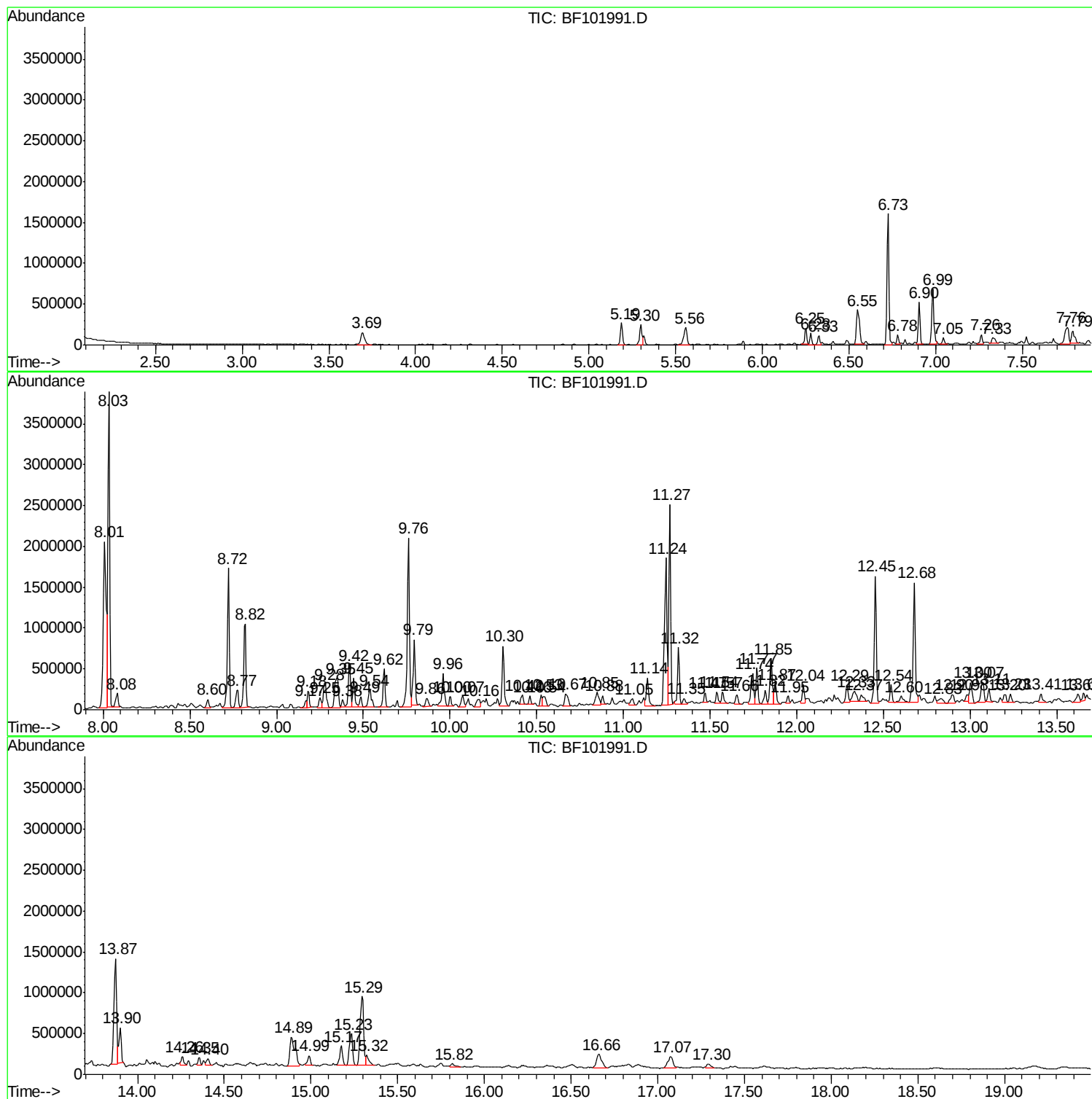
Sum of corrected areas: 38613137

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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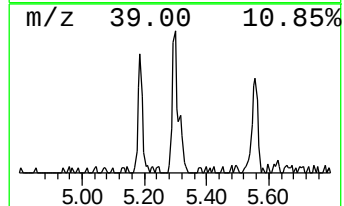
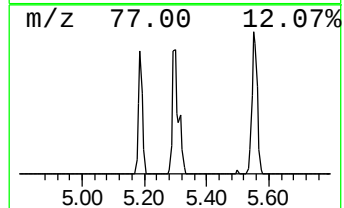
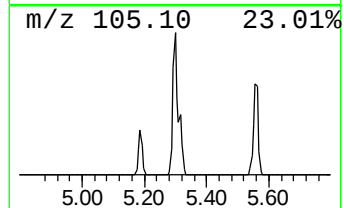
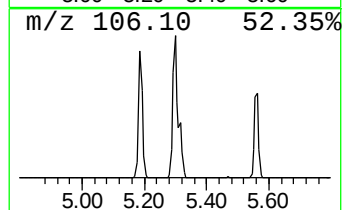
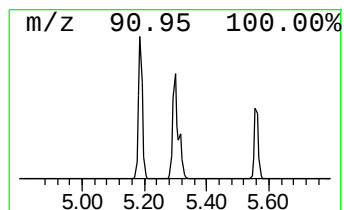
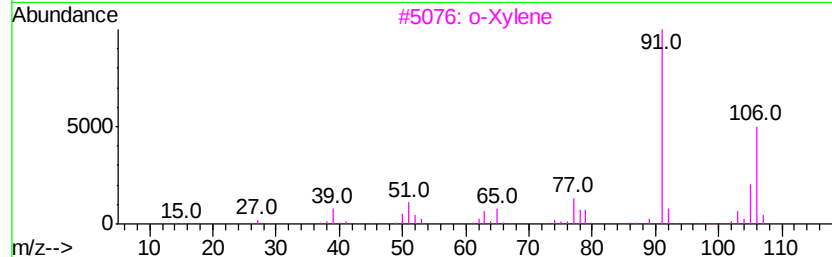
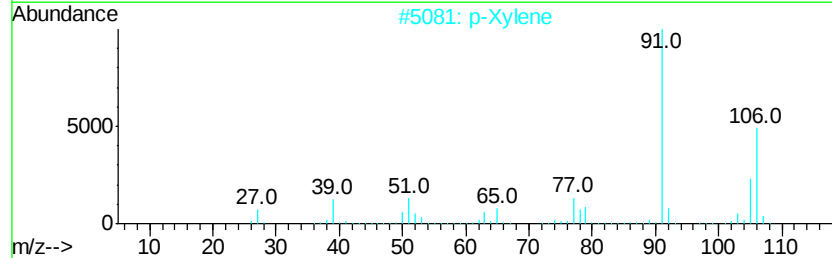
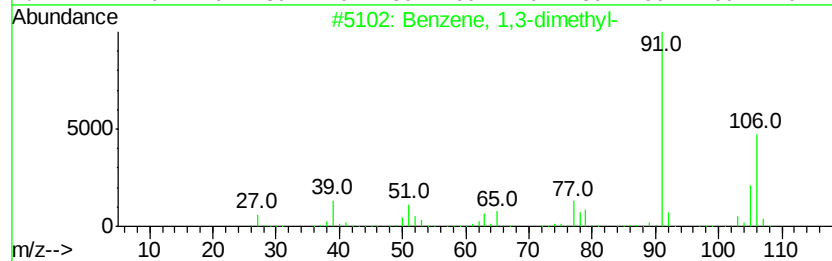
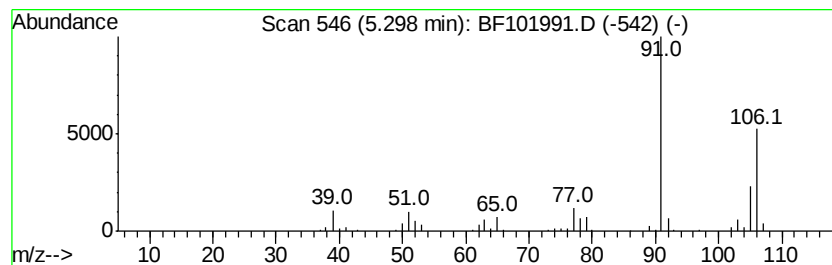
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	3.75 ng	250691	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90



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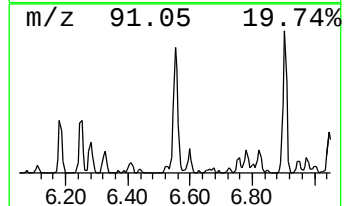
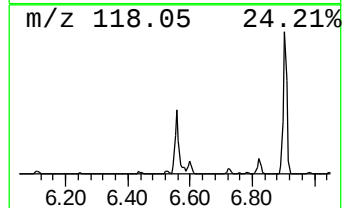
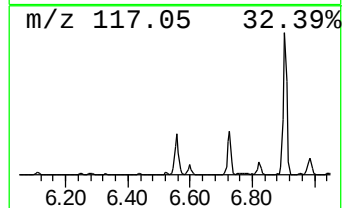
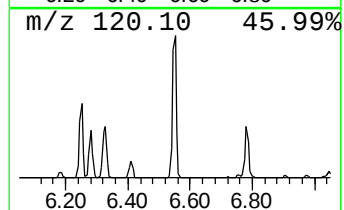
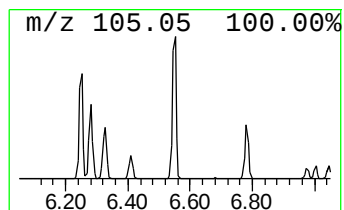
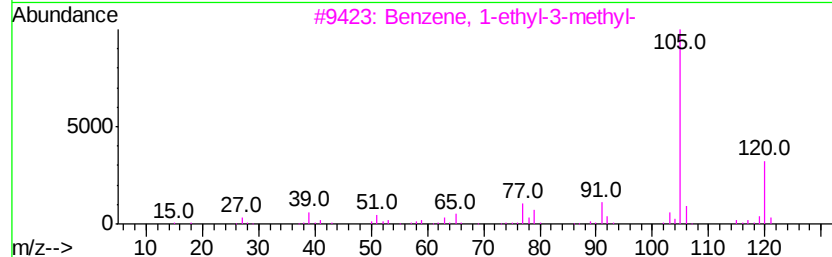
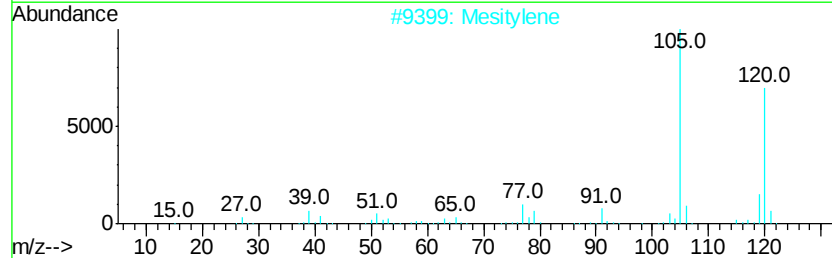
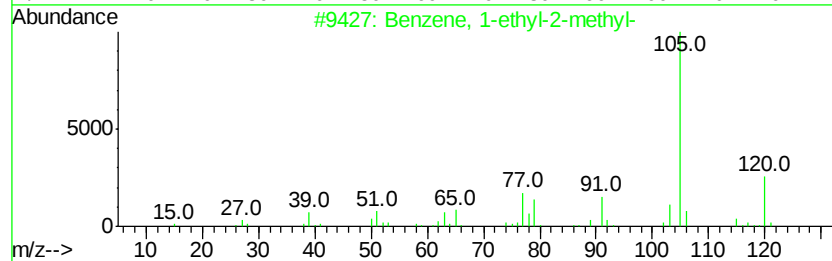
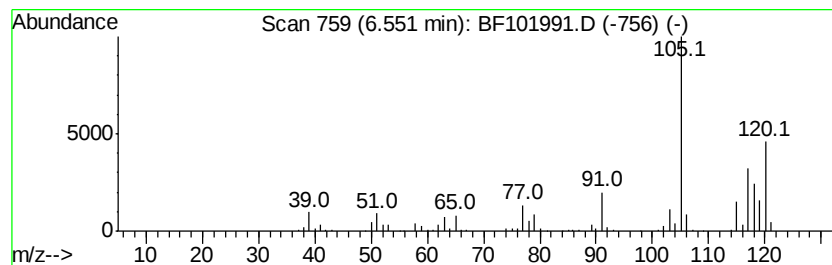
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	6.70 ng	447941	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2		Mesitylene	120	C9H12	000108-67-8	60
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60



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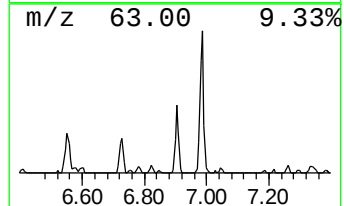
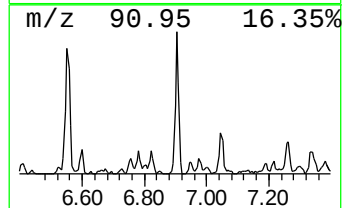
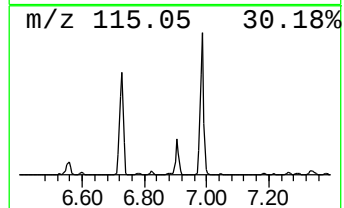
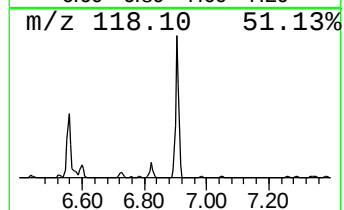
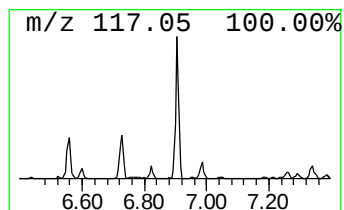
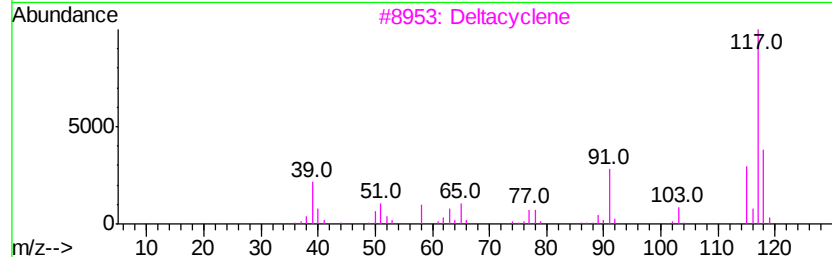
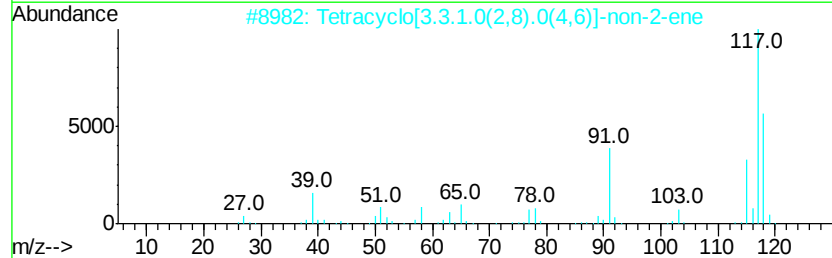
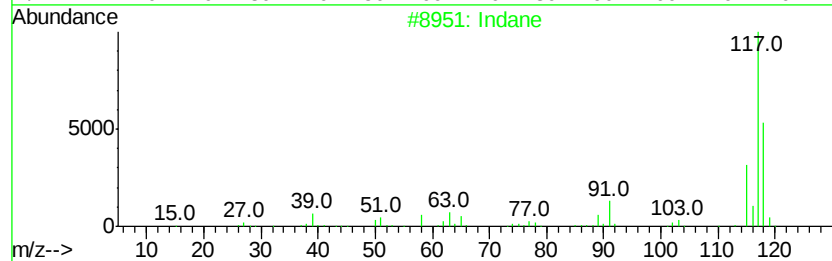
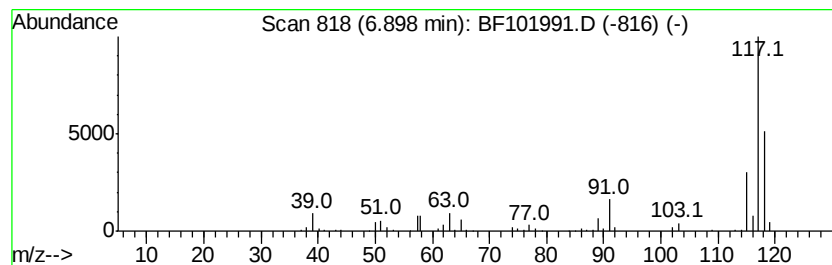
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Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	6.00 ng	401136	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	83
3		Deltacyclene	118	C9H10	007785-10-6	80
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-12R12-02

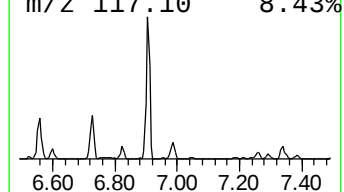
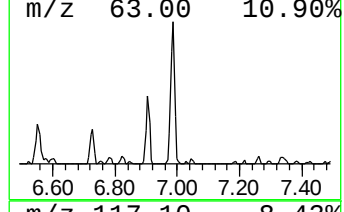
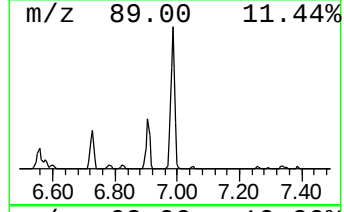
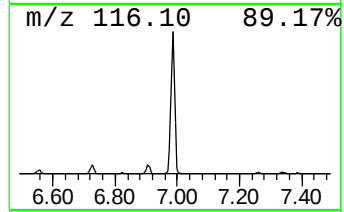
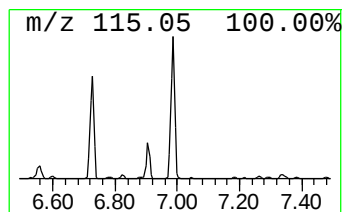
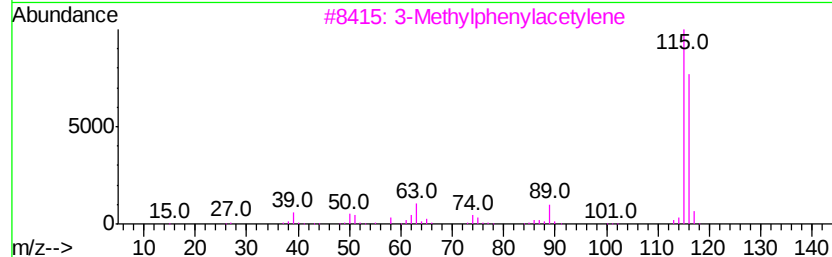
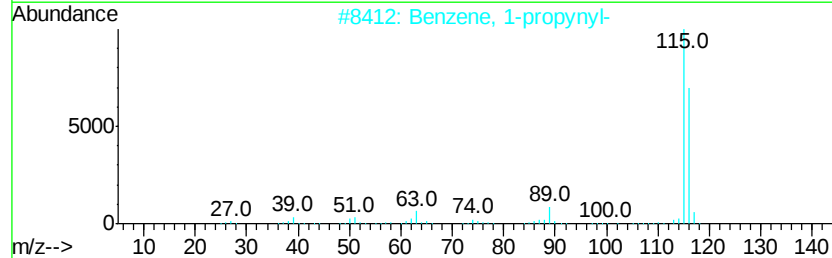
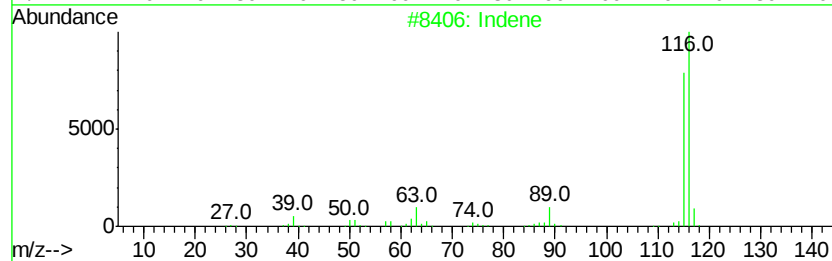
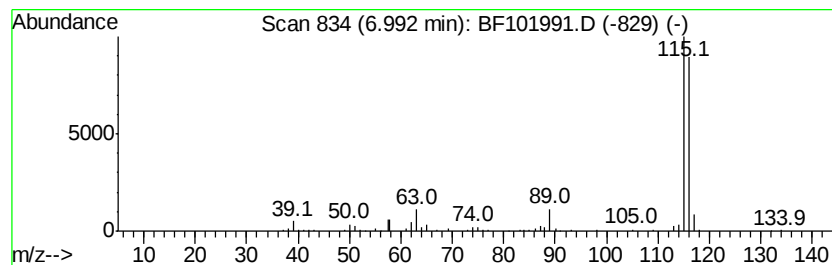
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	8.78 ng	586995	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
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Misc :
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ClientSampleId :
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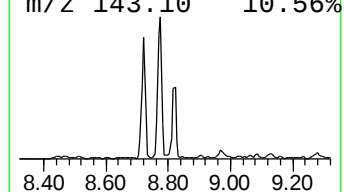
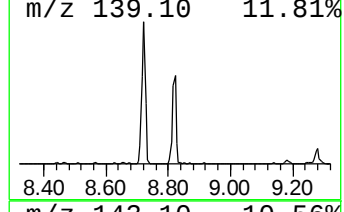
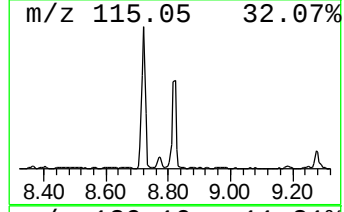
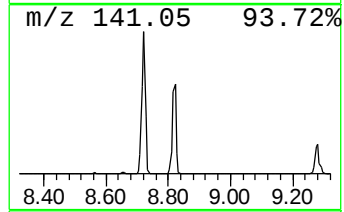
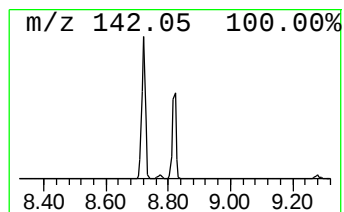
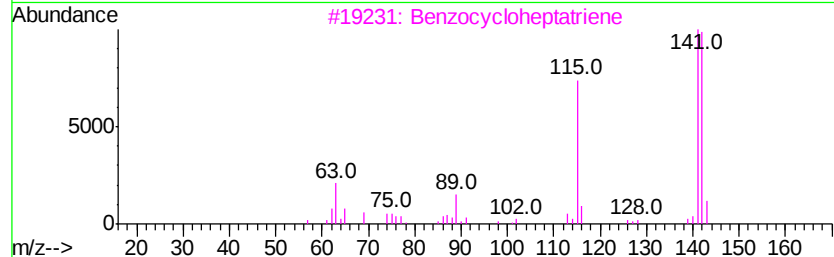
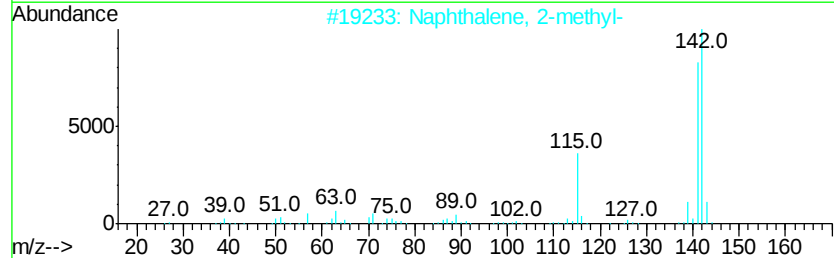
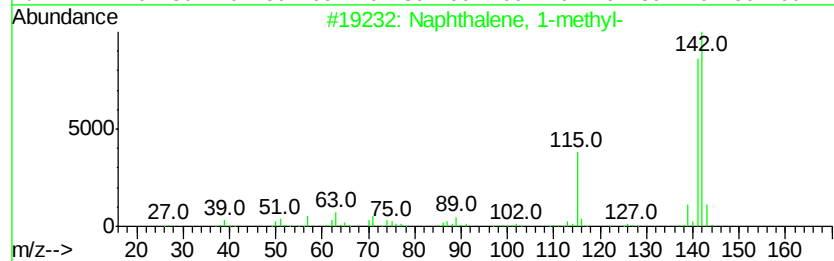
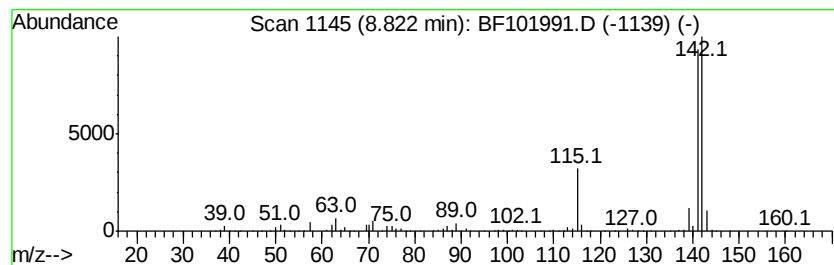
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	8.39 ng	961378	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
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Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

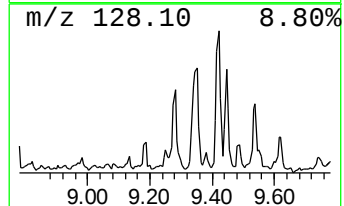
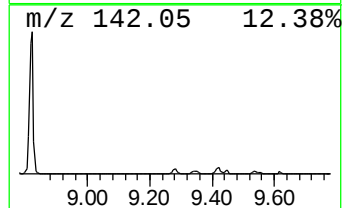
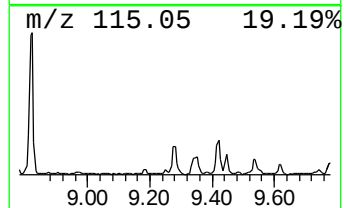
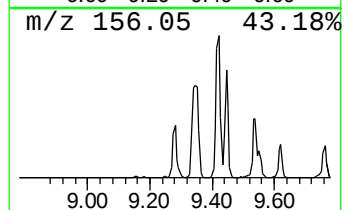
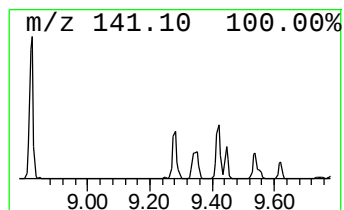
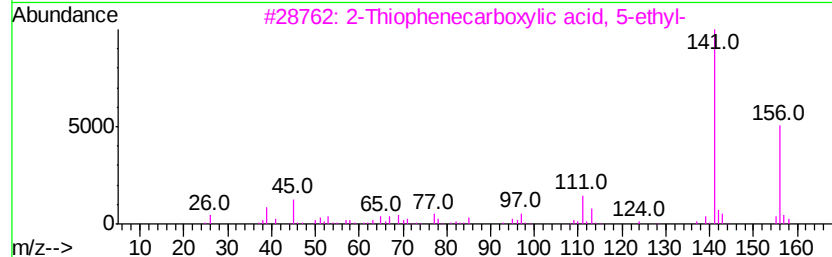
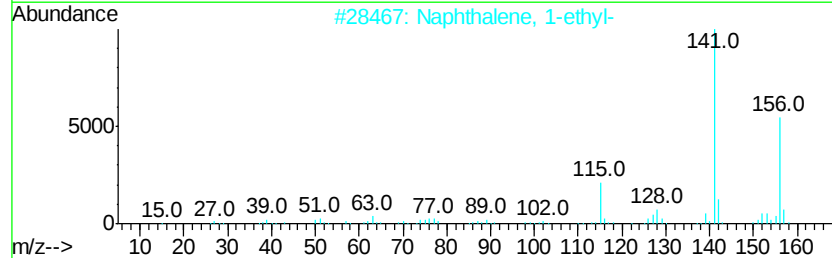
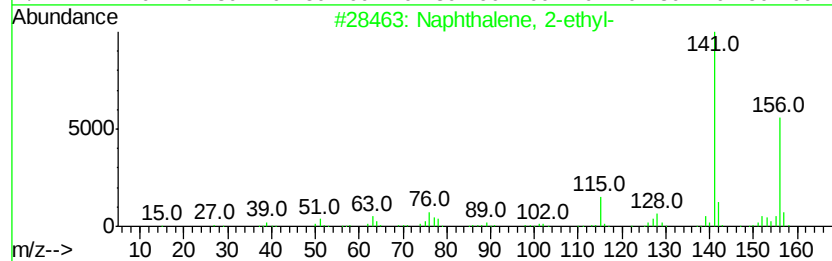
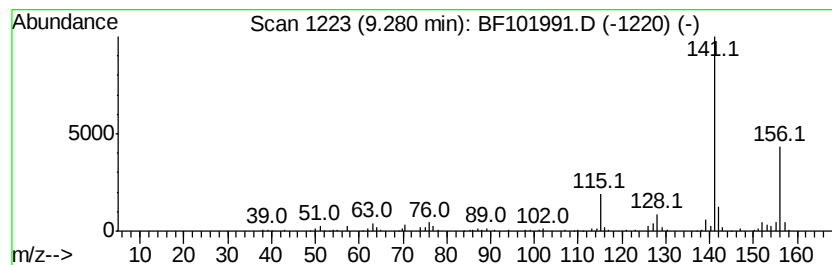
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.28	3.06 ng	302007	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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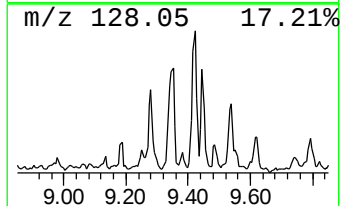
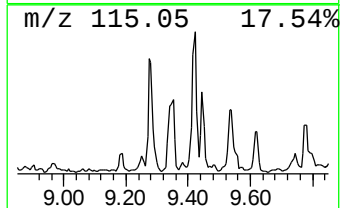
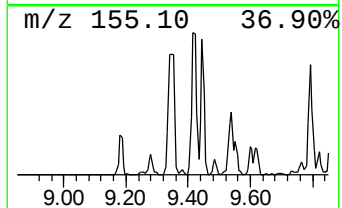
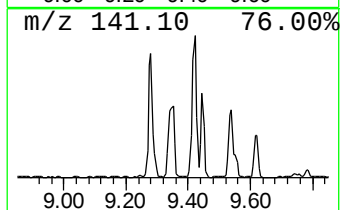
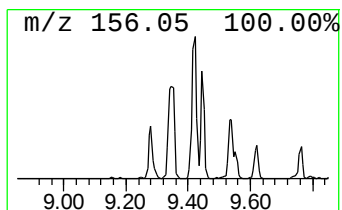
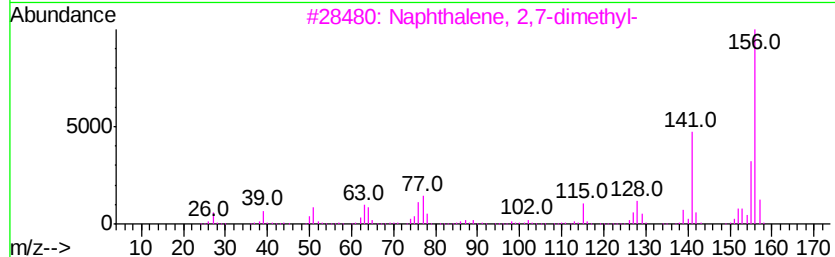
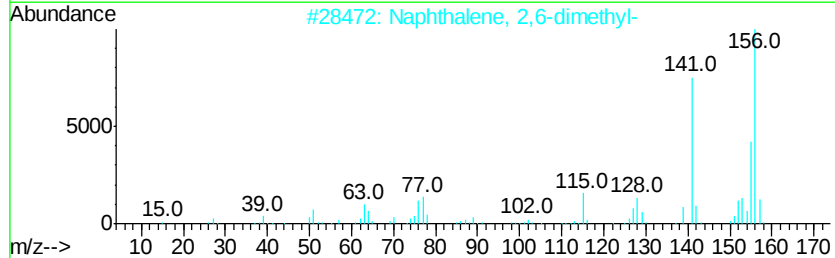
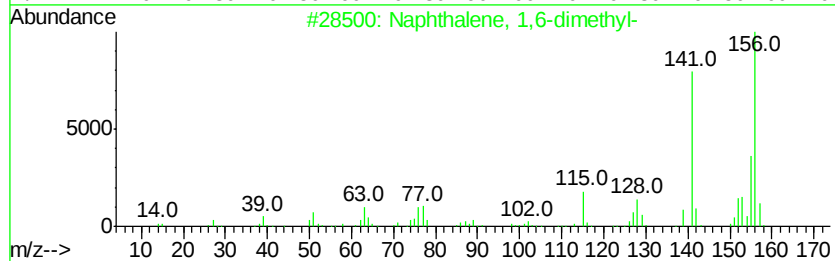
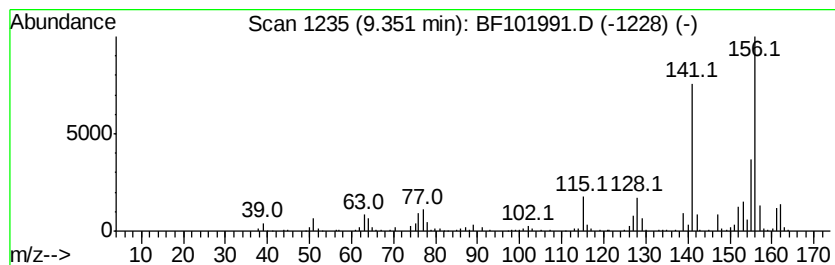
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	4.97 ng	490243	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

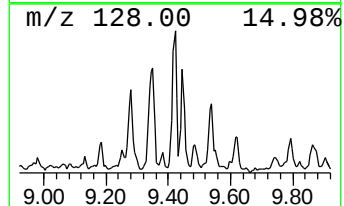
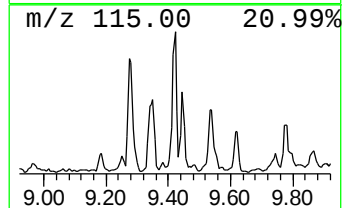
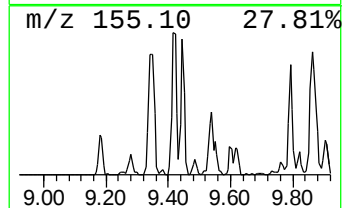
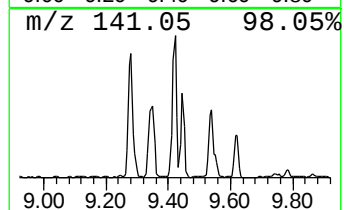
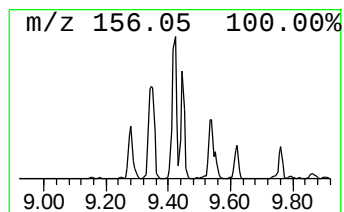
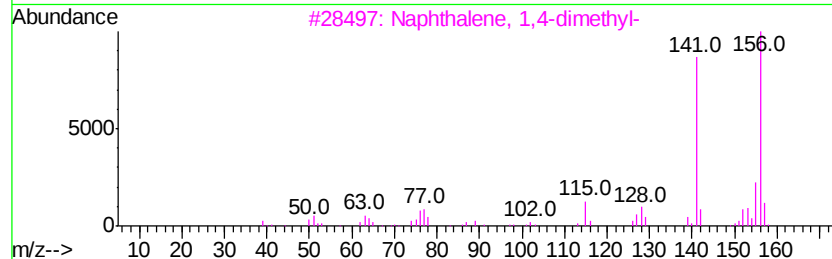
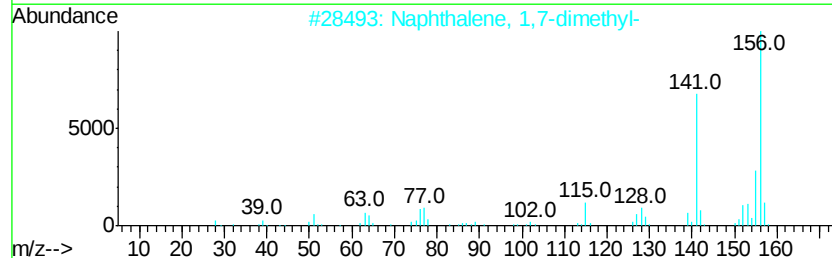
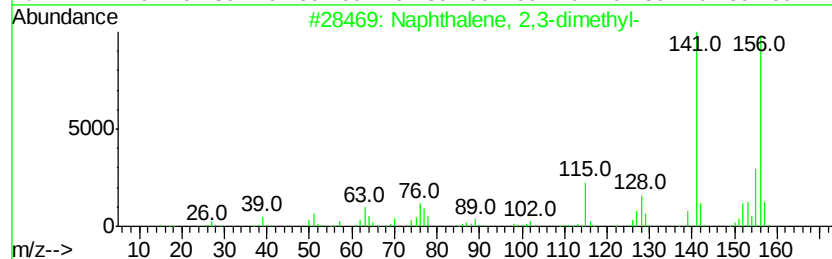
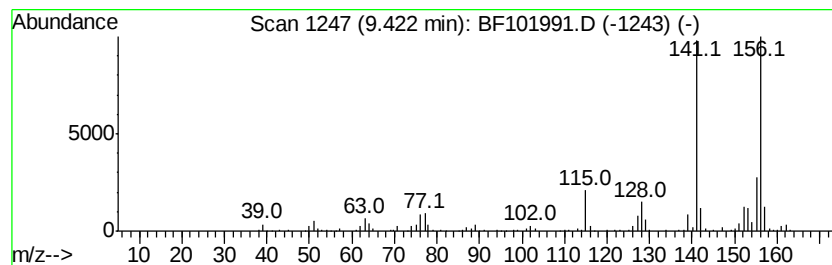
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.42	5.38 ng	530497	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
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Sample : J1076-08 50X
Misc :
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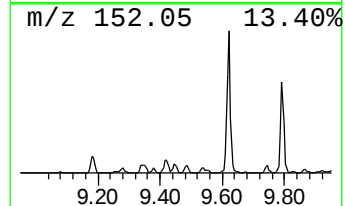
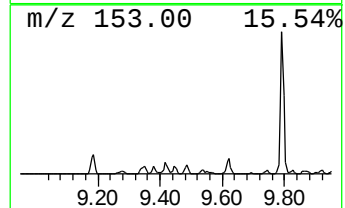
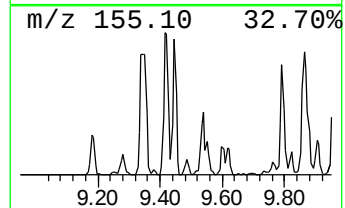
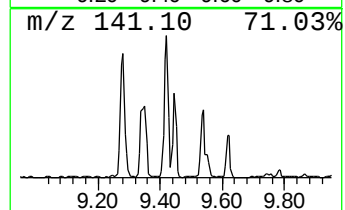
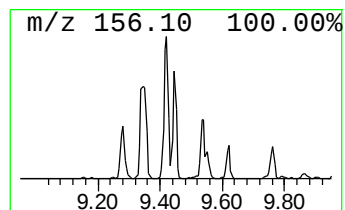
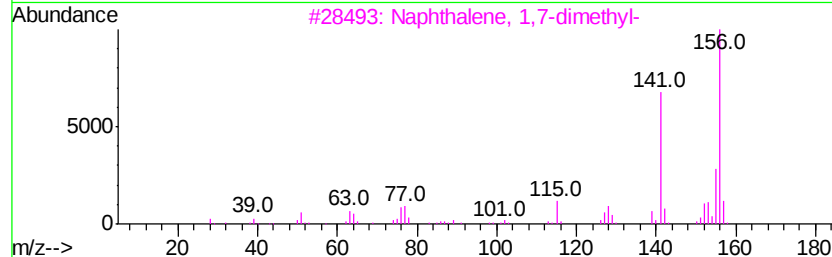
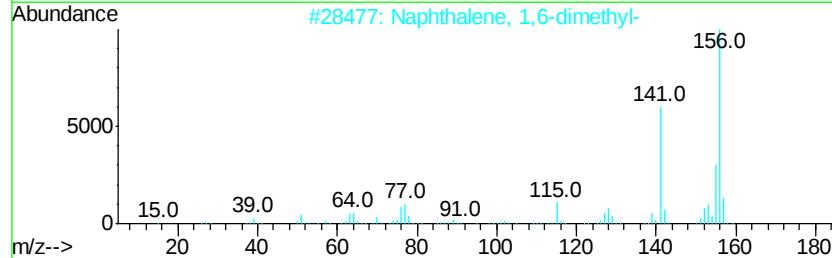
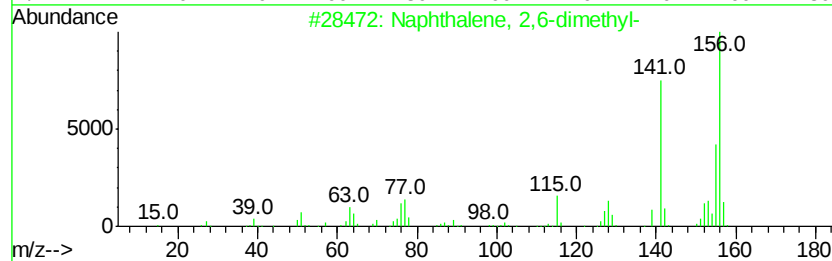
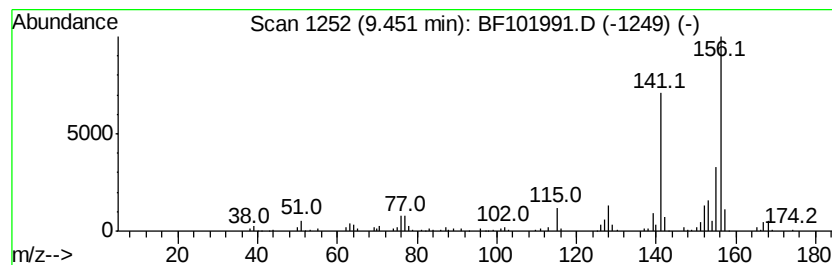
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.45	3.16 ng	311839	Acenaphthene-d10	9.76	
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	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-12R12-02

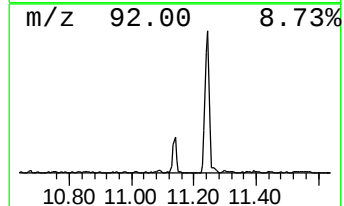
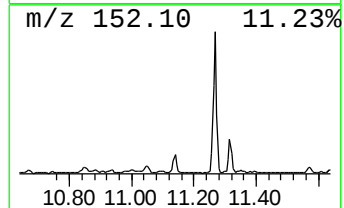
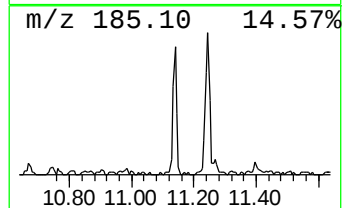
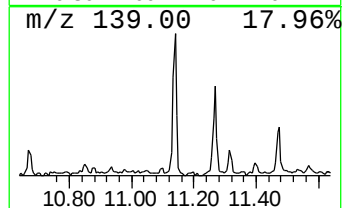
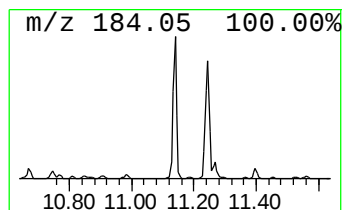
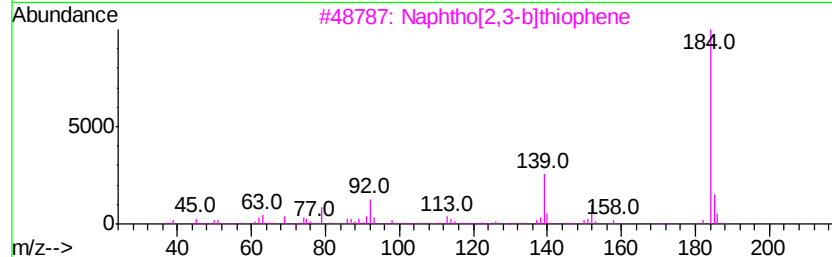
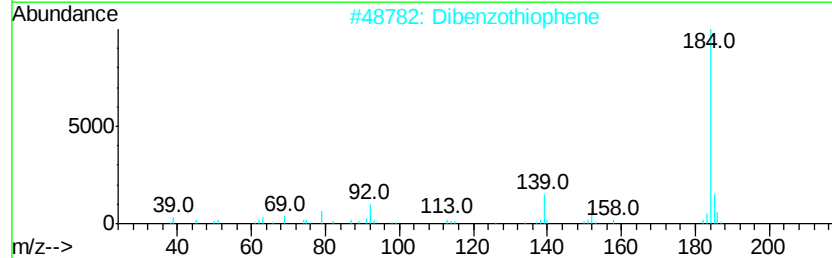
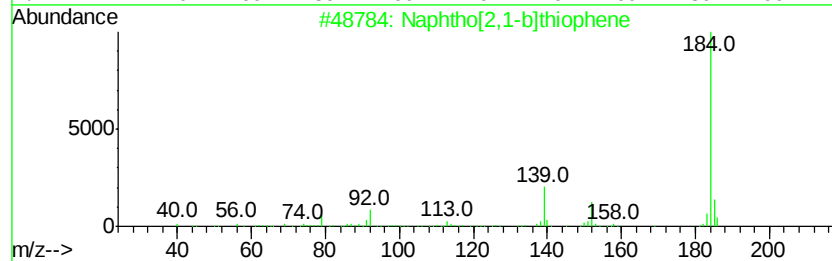
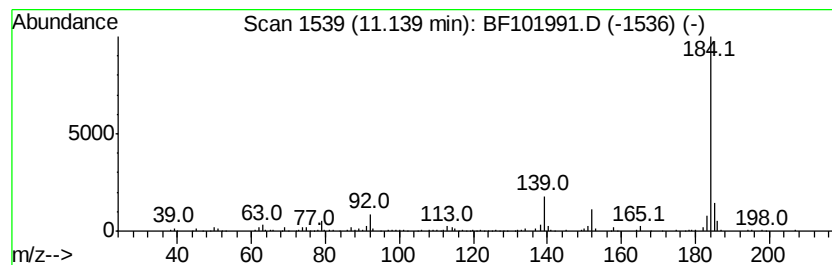
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.90 ng	336399	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-12R12-02

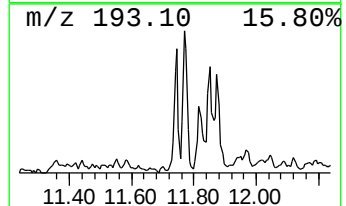
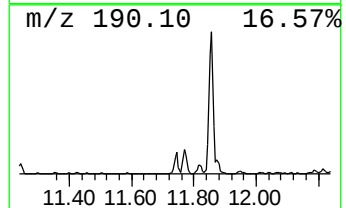
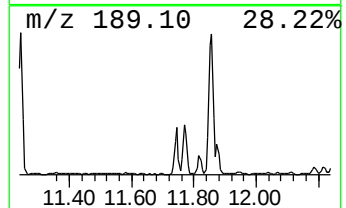
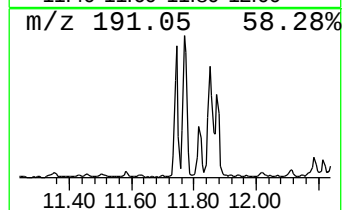
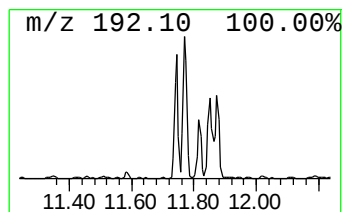
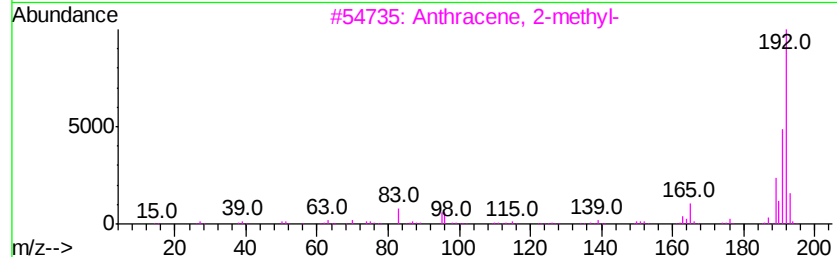
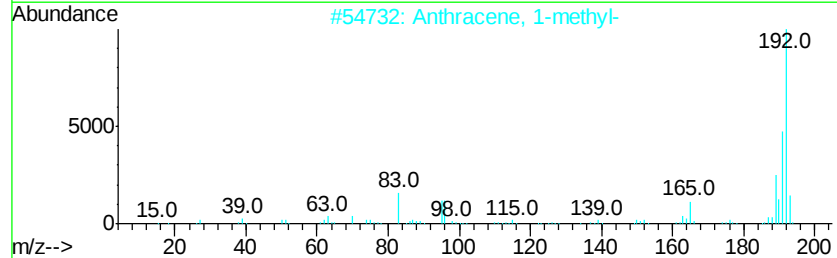
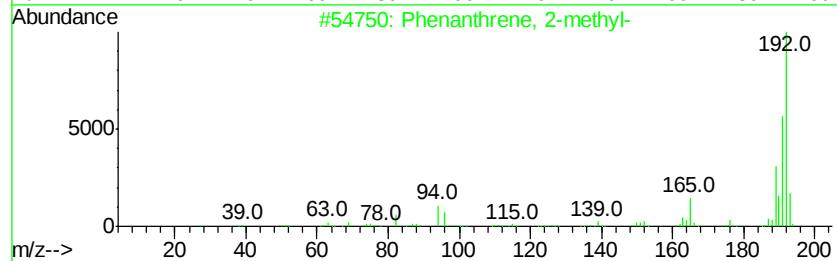
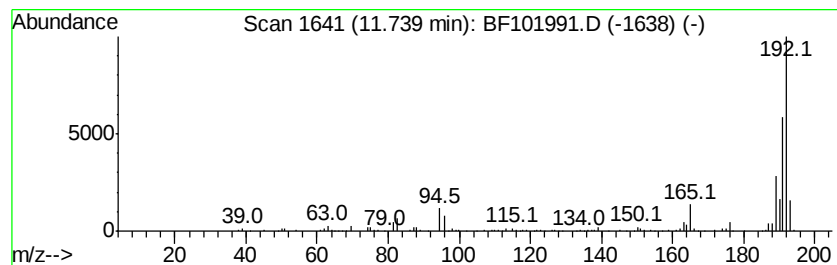
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.19 ng	361754	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
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Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

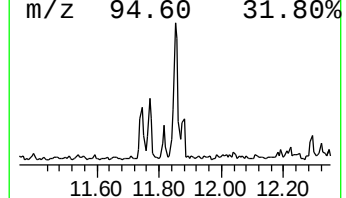
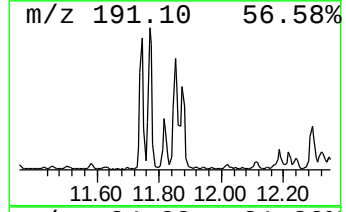
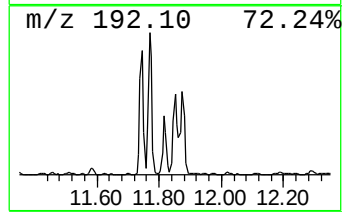
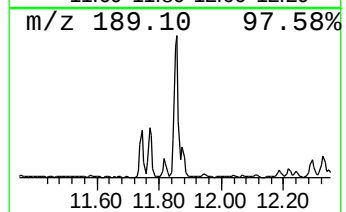
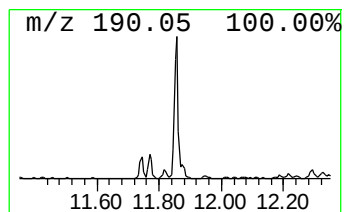
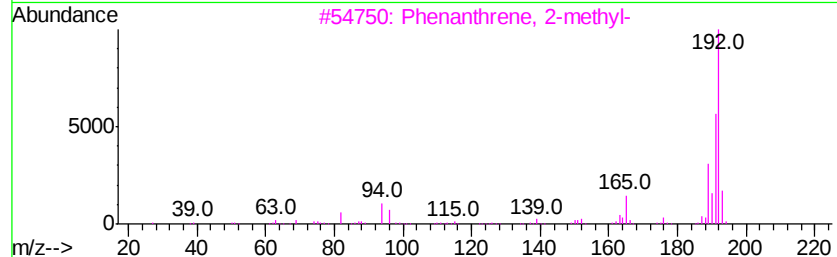
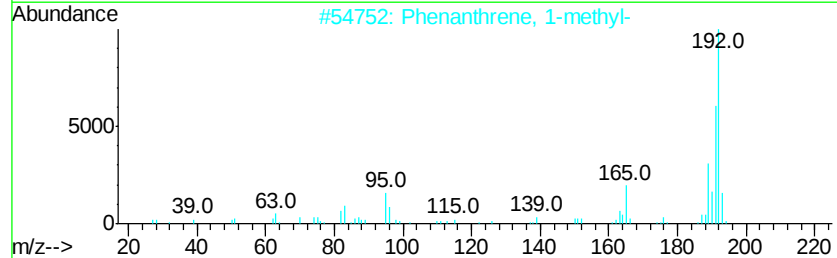
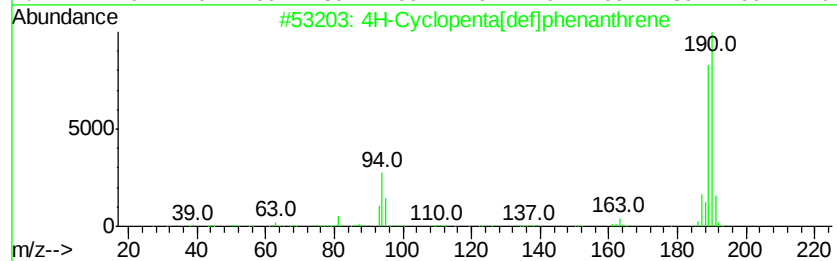
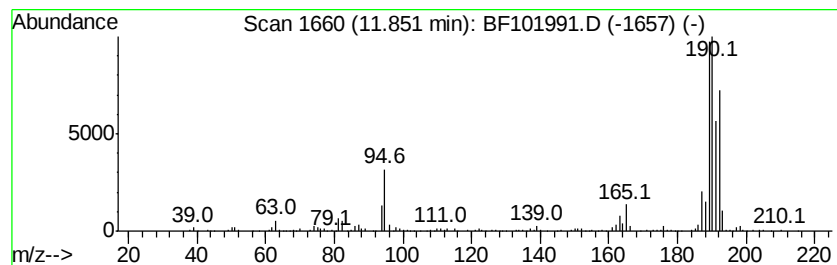
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	6.98 ng	602331	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-12R12-02

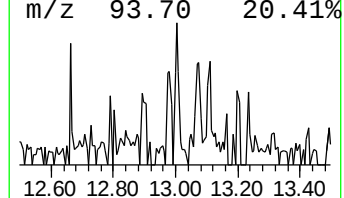
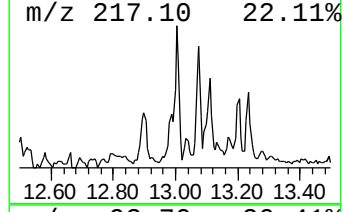
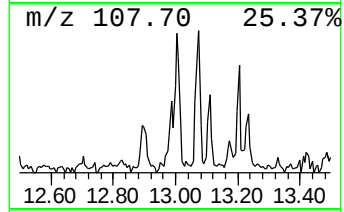
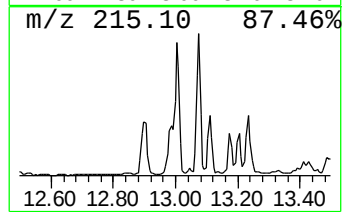
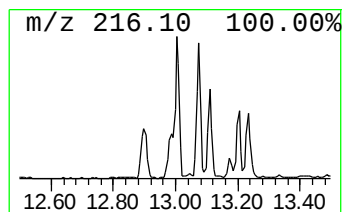
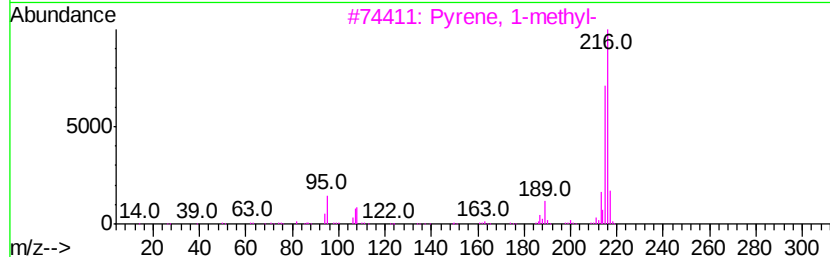
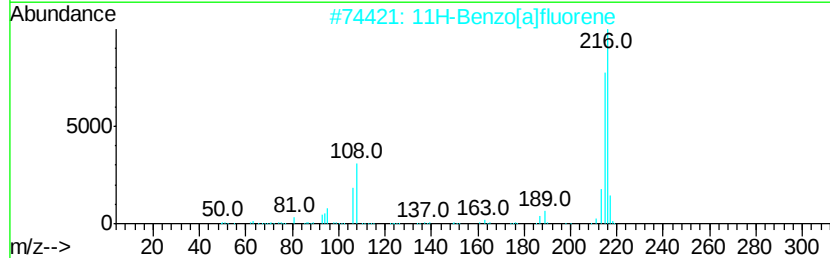
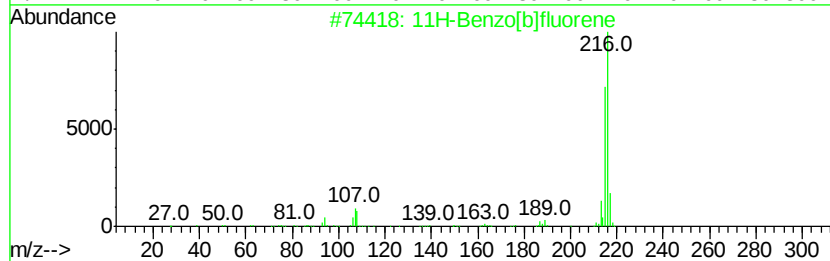
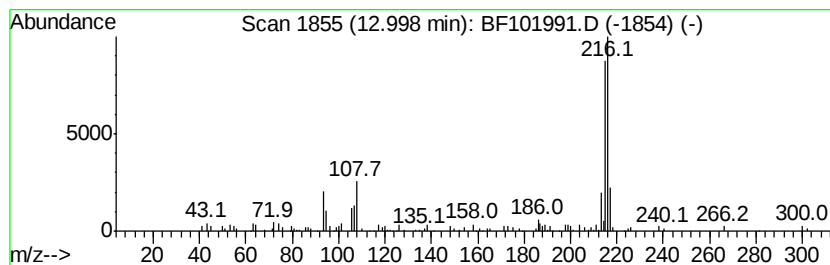
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.97 ng	224867	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	72
5		4-Hydroxy-6-methyl-1-pyridin-3-y...	216	C12H12N2O2	1000318-25-3	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101991.D
Acq On : 10 Jan 2018 20:50
Operator : SJ/JU
Sample : J1076-08 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

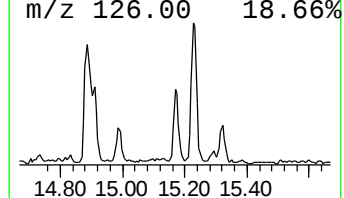
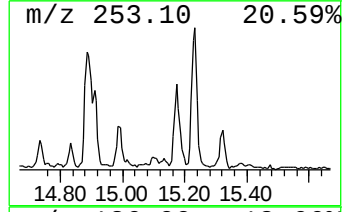
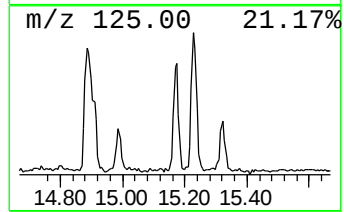
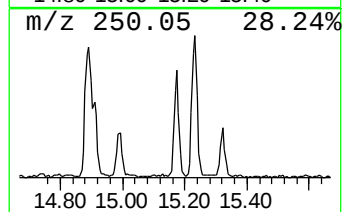
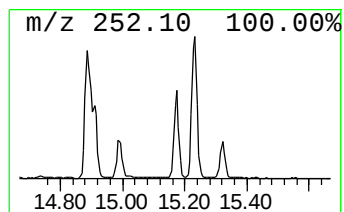
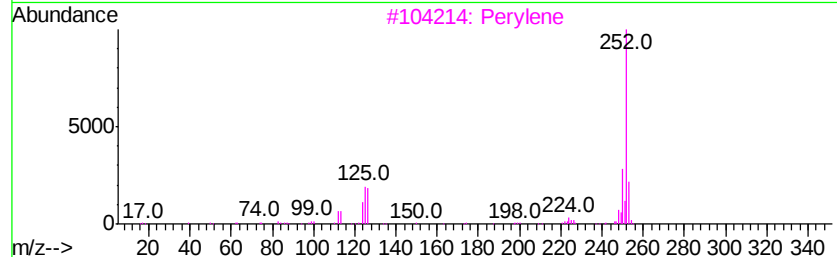
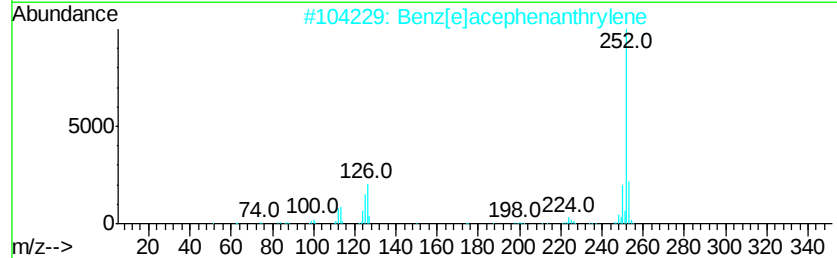
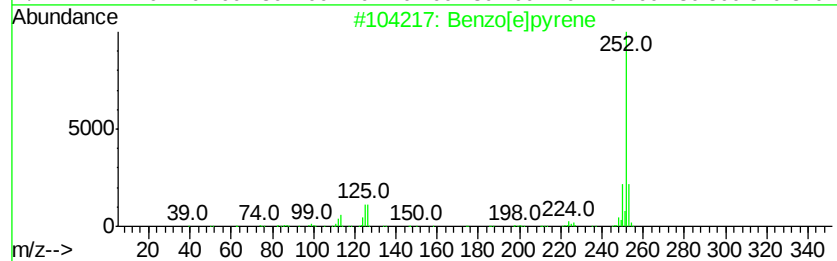
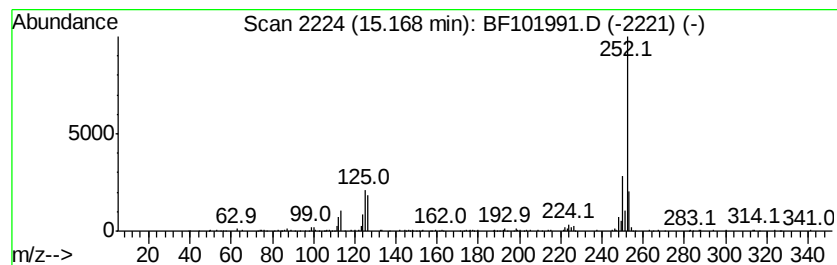
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.21 ng	280674	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 97
3		Perylene	252 C20H12	000198-55-0 94
4		Benzo[a]pyrene	252 C20H12	000050-32-8 93
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
 Data File : BF101991.D
 Acq On : 10 Jan 2018 20:50
 Operator : SJ/JU
 Sample : J1076-08 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12R12-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	5.30	3.8	ng	250691	1	6.73	1337490	20.0
Benzene, 1-ethyl-...	6.55	6.7	ng	447941	1	6.73	1337490	20.0
Indane	6.90	6.0	ng	401136	1	6.73	1337490	20.0
Indene	6.99	8.8	ng	586995	1	6.73	1337490	20.0
Naphthalene, 1-me...	8.82	8.4	ng	961378	2	8.01	2291290	20.0
Naphthalene, 2-et...	9.28	3.1	ng	302007	3	9.76	1973400	20.0
Naphthalene, 1,6-...	9.35	5.0	ng	490243	3	9.76	1973400	20.0
Naphthalene, 2,3-...	9.42	5.4	ng	530497	3	9.76	1973400	20.0
Naphthalene, 2,6-...	9.45	3.2	ng	311839	3	9.76	1973400	20.0
Naphtho[2,1-b]thi...	11.14	3.9	ng	336399	4	11.24	1725230	20.0
Phenanthrene, 2-m...	11.74	4.2	ng	361754	4	11.24	1725230	20.0
4H-Cyclopenta[def...	11.85	7.0	ng	602331	4	11.24	1725230	20.0
11H-Benzo[b]fluorene	13.00	3.0	ng	224867	5	13.87	1512110	20.0
Benzo[e]pyrene	15.17	5.2	ng	280674	6	15.29	1077260	20.0