

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101989.D
 Acq On : 10 Jan 2018 19:56
 Operator : SJ/JU
 Sample : J1076-06 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14R30-01

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	3.693	268	273	279	rVB	98531	142780	2.72%	0.299%
2	5.187	523	527	531	rBV	229871	201677	3.84%	0.423%
3	5.298	542	546	548	rBV	176230	186398	3.55%	0.391%
4	5.557	582	590	596	rVB3	153111	193759	3.69%	0.406%
5	6.251	705	708	710	rBV	142646	117950	2.24%	0.247%
6	6.328	716	721	723	rBV	86710	79508	1.51%	0.167%
7	6.551	756	759	763	rBV2	301005	324161	6.17%	0.680%
8	6.728	785	789	792	rBV	1613224	1320277	25.11%	2.768%
9	6.904	816	819	823	rVB	631256	499197	9.49%	1.046%
10	6.987	828	833	836	rVV	664014	600286	11.42%	1.258%
11	7.757	956	964	967	rBV3	171323	252943	4.81%	0.530%
12	7.792	967	970	975	rVB	168223	218585	4.16%	0.458%
13	8.010	1001	1007	1008	rBV	1973864	1862234	35.42%	3.904%
14	8.034	1008	1011	1014	rVV	5552771	5257733	100.00%	11.021%
15	8.081	1014	1019	1025	rVB	323596	278951	5.31%	0.585%
16	8.363	1063	1067	1070	rBV2	72082	78977	1.50%	0.166%
17	8.434	1076	1079	1083	rBV2	61683	88181	1.68%	0.185%
18	8.722	1123	1128	1131	rVV	2412082	1897649	36.09%	3.978%
19	8.775	1133	1137	1139	rVV	120221	102990	1.96%	0.216%
20	8.822	1139	1145	1148	rVB	1533450	1341863	25.52%	2.813%
21	9.186	1199	1207	1210	rBV	493813	448399	8.53%	0.940%
22	9.251	1215	1218	1220	rBV3	91098	89433	1.70%	0.187%
23	9.281	1220	1223	1228	rVB	375303	358792	6.82%	0.752%
24	9.351	1228	1235	1238	rBV	426263	575593	10.95%	1.207%
25	9.381	1238	1240	1243	rBV2	124525	92235	1.75%	0.193%
26	9.422	1243	1247	1249	rBV	622335	586190	11.15%	1.229%
27	9.445	1249	1251	1255	rVB	359299	291993	5.55%	0.612%
28	9.486	1255	1258	1261	rVB	209181	180922	3.44%	0.379%
29	9.533	1263	1266	1268	rBV	237012	212998	4.05%	0.446%
30	9.622	1275	1281	1284	rBV	1243553	1003659	19.09%	2.104%
31	9.763	1298	1305	1308	rBV	2049483	1956539	37.21%	4.101%
32	9.792	1308	1310	1314	rVV	964519	737406	14.03%	1.546%
33	9.863	1318	1322	1327	rVB3	87356	118900	2.26%	0.249%
34	9.963	1331	1339	1343	rVB	671994	596862	11.35%	1.251%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.004	1343	1346	1348	rBV	119186	98240	1.87%	0.206%
36	10.069	1354	1357	1361	rBV2	144421	183913	3.50%	0.386%
37	10.169	1369	1374	1375	rBV3	82455	111384	2.12%	0.233%
38	10.210	1379	1381	1384	rVB	170514	137162	2.61%	0.288%
39	10.275	1390	1392	1394	rVB	127849	88651	1.69%	0.186%
40	10.304	1394	1397	1403	rVB	1230601	1179489	22.43%	2.472%
41	10.416	1413	1416	1419	rVV2	149769	131464	2.50%	0.276%
42	10.463	1421	1424	1426	rBV	146051	131259	2.50%	0.275%
43	10.486	1426	1428	1432	rVB2	91868	79489	1.51%	0.167%
44	10.528	1432	1435	1442	rVB2	273760	372064	7.08%	0.780%
45	10.669	1456	1459	1467	rVB2	111581	149394	2.84%	0.313%
46	10.851	1486	1490	1493	rBV	199332	245141	4.66%	0.514%
47	10.880	1493	1495	1498	rVV	109860	87391	1.66%	0.183%
48	10.933	1501	1504	1509	rBV2	130170	127205	2.42%	0.267%
49	11.051	1522	1524	1528	rVB2	92449	77483	1.47%	0.162%
50	11.139	1533	1539	1547	rVB	678738	646901	12.30%	1.356%
51	11.245	1553	1557	1559	rBV	1730091	1711028	32.54%	3.587%
52	11.269	1559	1561	1564	rVV	3525827	3002791	57.11%	6.294%
53	11.316	1564	1569	1572	rVV	1137915	1052554	20.02%	2.206%
54	11.351	1572	1575	1578	rVB2	81670	78981	1.50%	0.166%
55	11.474	1593	1596	1598	rVB	237248	181328	3.45%	0.380%
56	11.539	1604	1607	1610	rBV2	157305	132926	2.53%	0.279%
57	11.569	1610	1612	1618	rVB2	214657	208359	3.96%	0.437%
58	11.657	1623	1627	1631	rVB	191463	218817	4.16%	0.459%
59	11.745	1636	1642	1644	rVV	530765	486083	9.25%	1.019%
60	11.769	1644	1646	1651	rVB	578509	504491	9.60%	1.058%
61	11.816	1651	1654	1657	rBV	227379	213466	4.06%	0.447%
62	11.857	1657	1661	1663	rVV2	753753	823787	15.67%	1.727%
63	11.874	1663	1664	1670	rVB	312632	218849	4.16%	0.459%
64	12.039	1689	1692	1694	rBV	338637	260767	4.96%	0.547%
65	12.239	1724	1726	1729	rVB2	92744	82181	1.56%	0.172%
66	12.292	1731	1735	1738	rBV	232235	243446	4.63%	0.510%
67	12.327	1738	1741	1743	rVV2	129167	165906	3.16%	0.348%
68	12.374	1747	1749	1754	rBV3	72738	113666	2.16%	0.238%
69	12.451	1758	1762	1766	rBV	1689279	1490885	28.36%	3.125%
70	12.545	1775	1778	1781	rVB	440975	355791	6.77%	0.746%
71	12.604	1785	1788	1795	rVB2	149056	194210	3.69%	0.407%

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72	12.680	1795	1801	1804	rBV	1830463	1722856	32.77%	3.611%
73	12.733	1807	1810	1814	rVB3	74172	88882	1.69%	0.186%
74	12.798	1818	1821	1823	rBV	80297	81667	1.55%	0.171%
75	12.833	1823	1827	1833	rVB2	76214	129955	2.47%	0.272%
76	12.898	1833	1838	1841	rBV3	130104	195715	3.72%	0.410%
77	12.986	1849	1853	1854	rBV2	104998	127149	2.42%	0.267%
78	13.004	1854	1856	1859	rVB	331231	303268	5.77%	0.636%
79	13.074	1865	1868	1871	rVV2	298354	249856	4.75%	0.524%
80	13.110	1871	1874	1878	rVV	192992	171996	3.27%	0.361%
81	13.174	1882	1885	1887	rBV2	161872	149324	2.84%	0.313%
82	13.198	1887	1889	1892	rVV	124987	113597	2.16%	0.238%
83	13.233	1892	1895	1899	rVB	141652	139812	2.66%	0.293%
84	13.621	1955	1961	1964	rBV	148654	183240	3.49%	0.384%
85	13.651	1964	1966	1968	rBV	117406	94963	1.81%	0.199%
86	13.874	1999	2004	2006	rBV2	1361123	1672754	31.82%	3.506%
87	13.898	2006	2008	2011	rVB	471988	372402	7.08%	0.781%
88	14.257	2067	2069	2073	rVB	115046	113787	2.16%	0.239%
89	14.351	2083	2085	2088	rVV2	95531	89524	1.70%	0.188%
90	14.404	2092	2094	2099	rVB3	118404	127945	2.43%	0.268%
91	14.886	2172	2176	2179	rBV	344715	534850	10.17%	1.121%
92	14.992	2190	2194	2197	rVB	130295	154748	2.94%	0.324%
93	15.174	2220	2225	2230	rBV	256409	313725	5.97%	0.658%
94	15.233	2230	2235	2240	rVV	449075	527221	10.03%	1.105%
95	15.292	2240	2245	2249	rVV	860274	1117999	21.26%	2.344%
96	15.321	2249	2250	2256	rVB3	131919	147187	2.80%	0.309%
97	15.821	2331	2335	2342	rVB2	54362	104808	1.99%	0.220%
98	16.657	2472	2477	2486	rVB2	171758	357902	6.81%	0.750%
99	17.074	2542	2548	2555	rBV	147668	291501	5.54%	0.611%
100	17.292	2581	2585	2592	rVB2	75040	143494	2.73%	0.301%

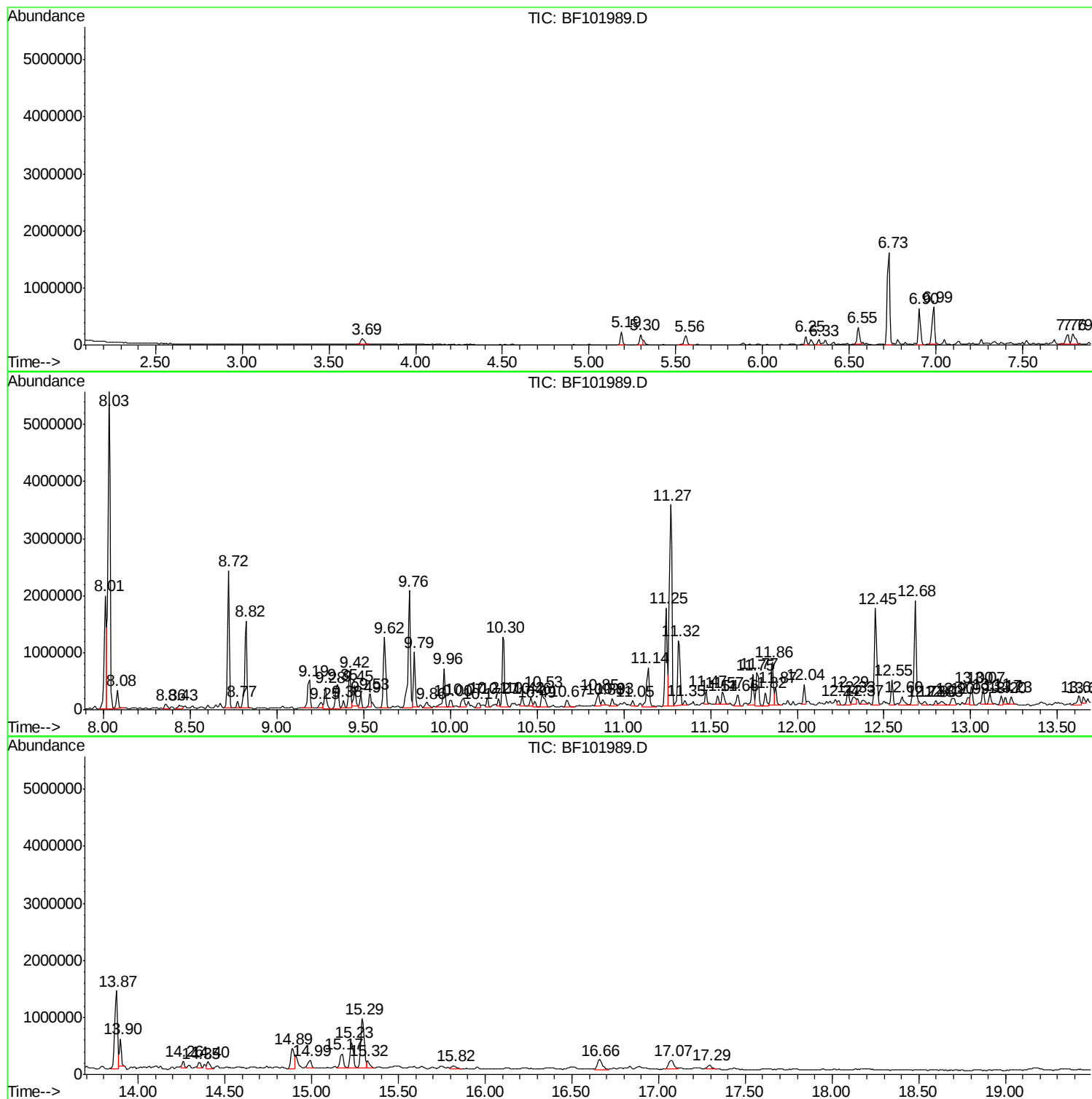
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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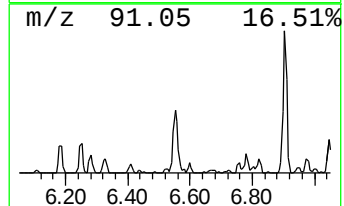
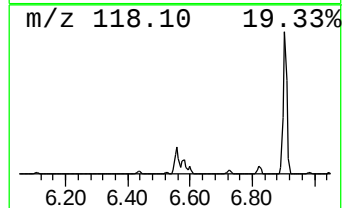
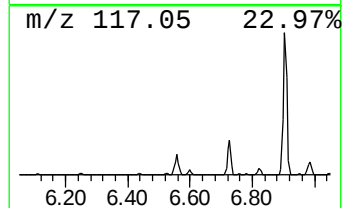
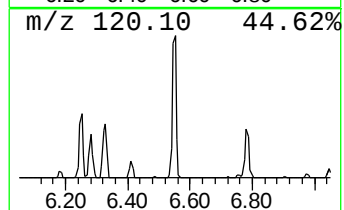
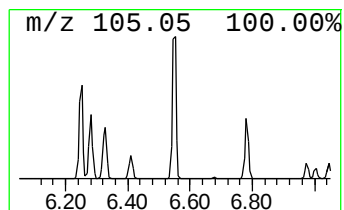
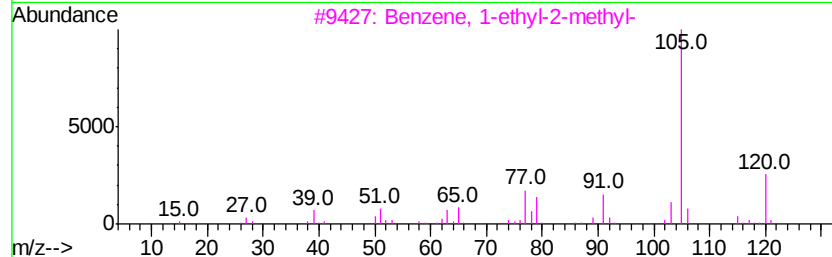
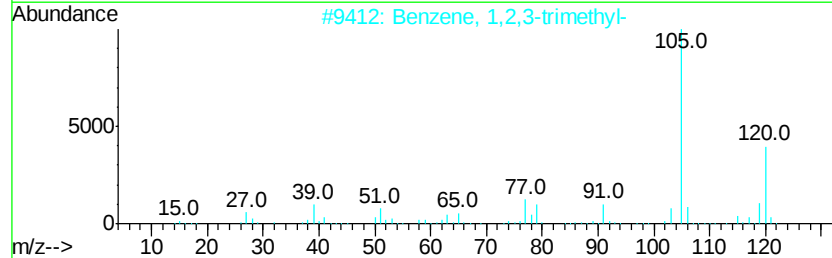
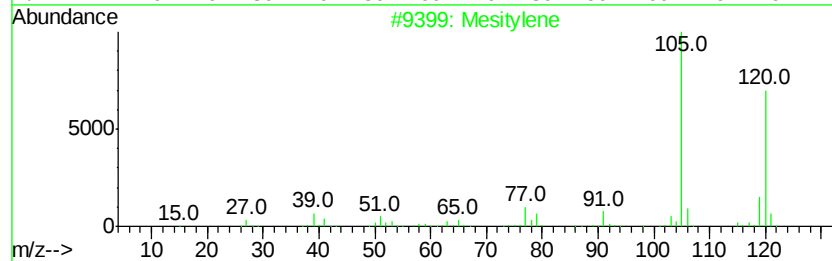
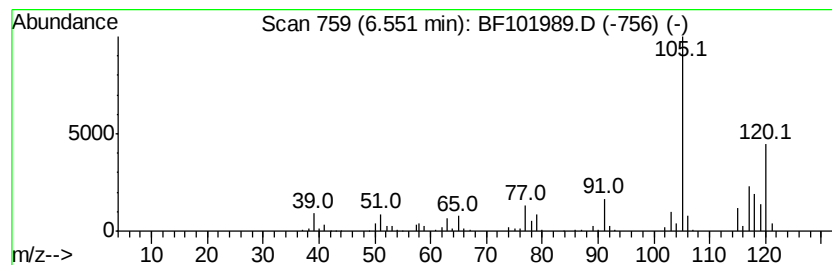
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	4.91 ng	324161	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60



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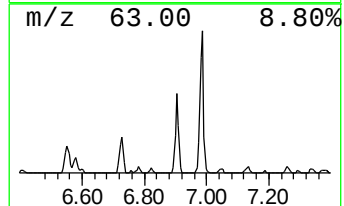
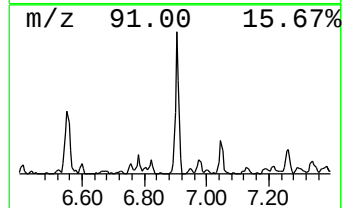
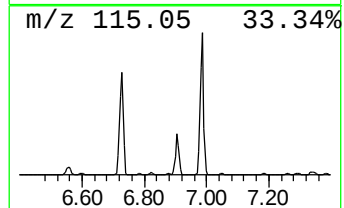
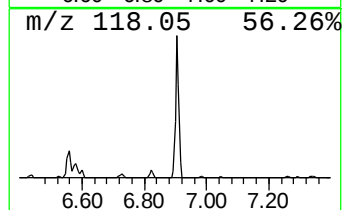
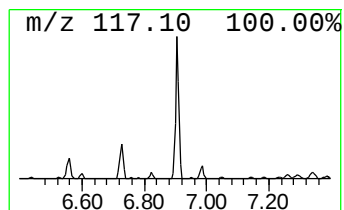
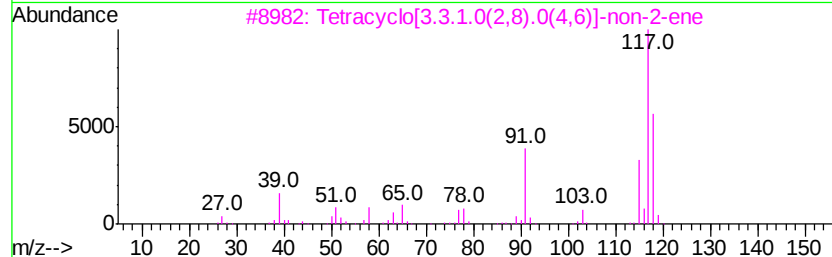
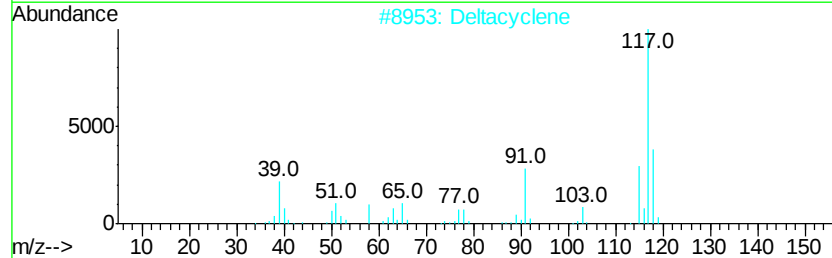
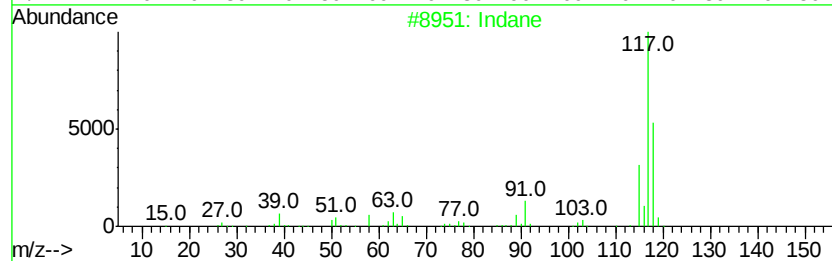
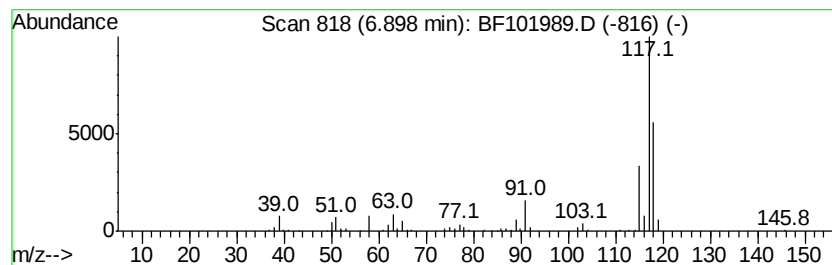
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.56 ng	499197	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	95
2		Deltacyclene	118	C9H10	007785-10-6	80
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53



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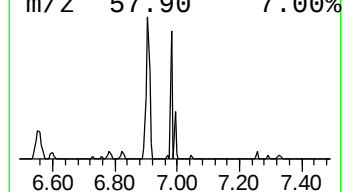
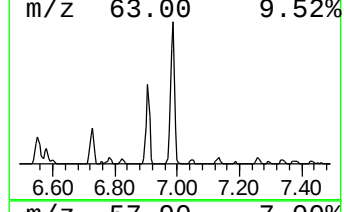
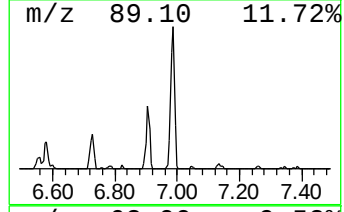
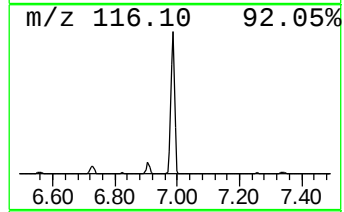
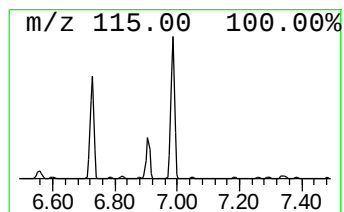
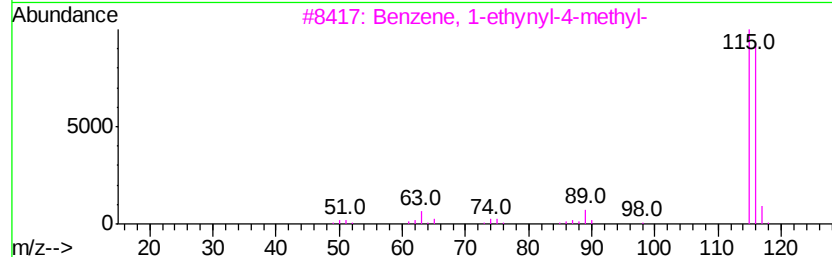
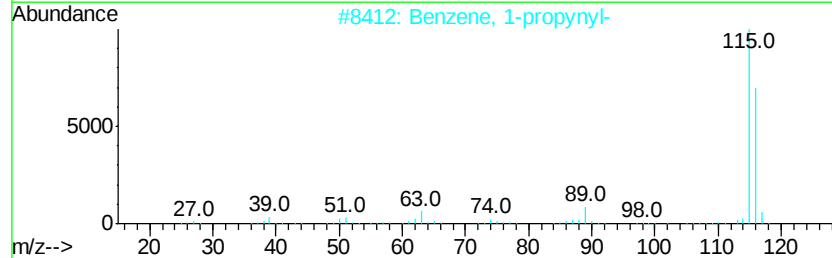
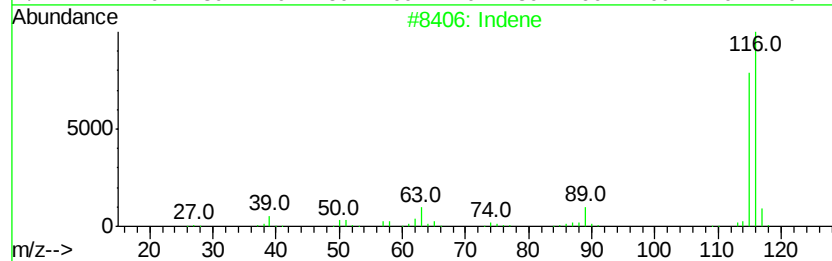
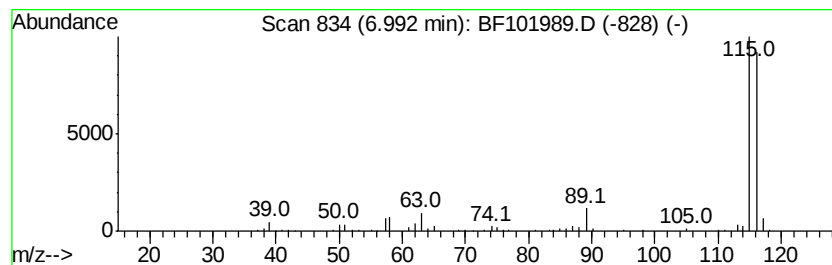
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	9.09 ng	600286	1,4-Dichlorobenzene-d4	6.73

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

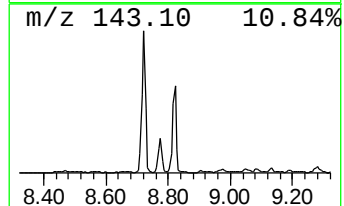
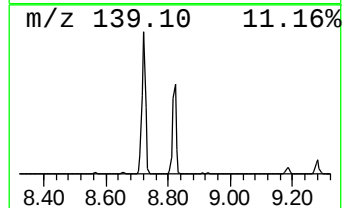
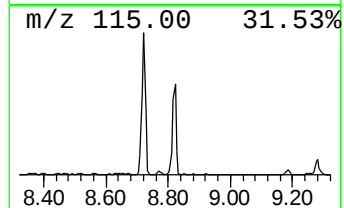
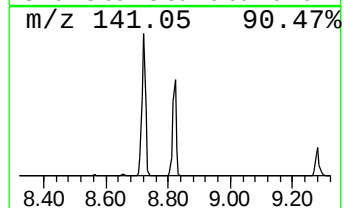
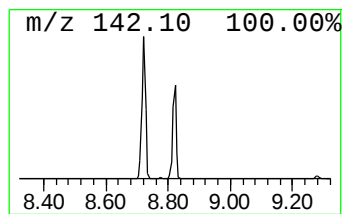
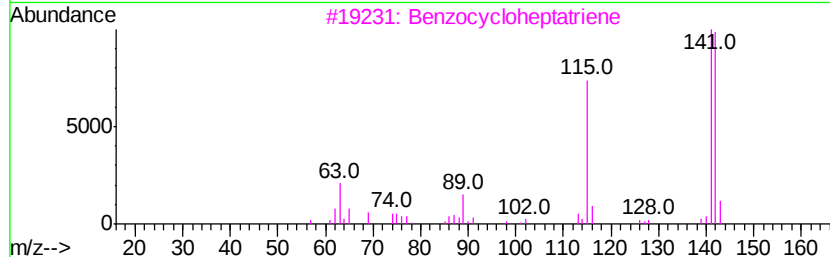
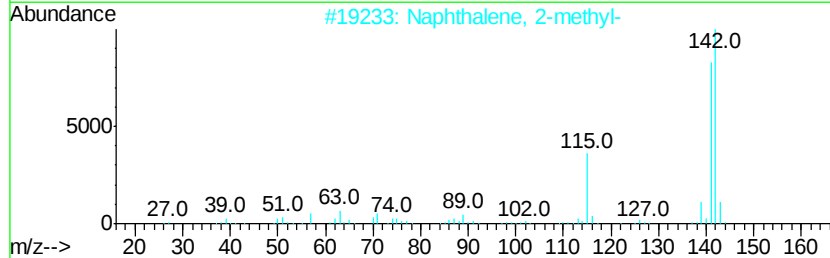
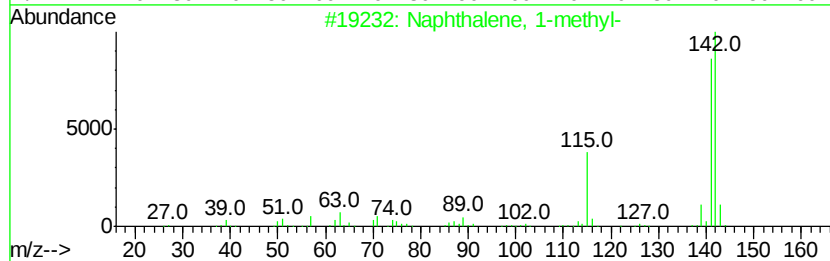
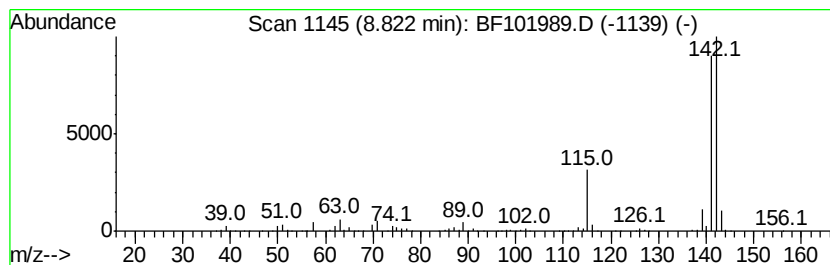
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	14.41 ng	1341860	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		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

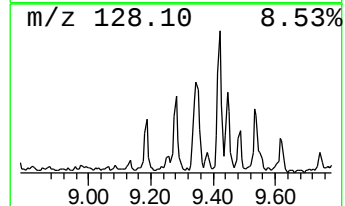
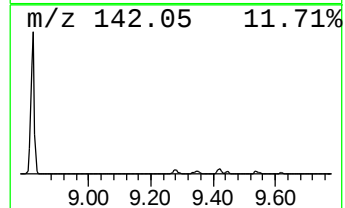
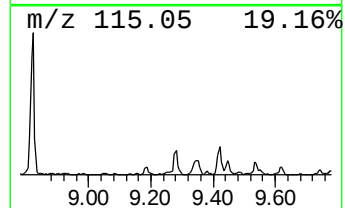
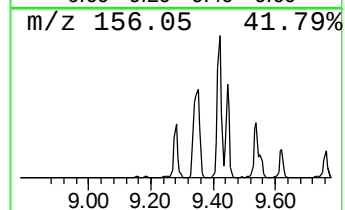
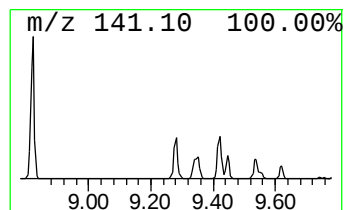
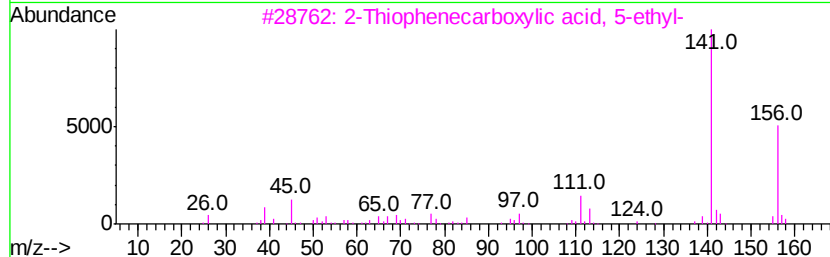
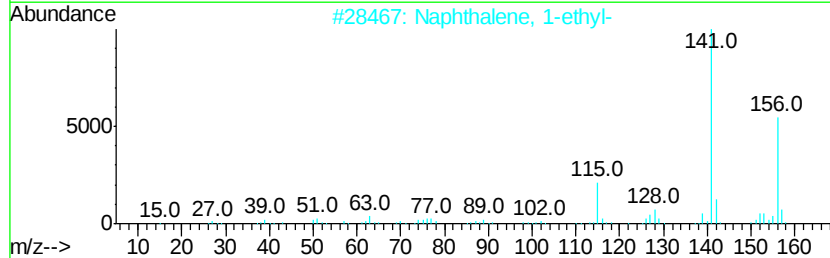
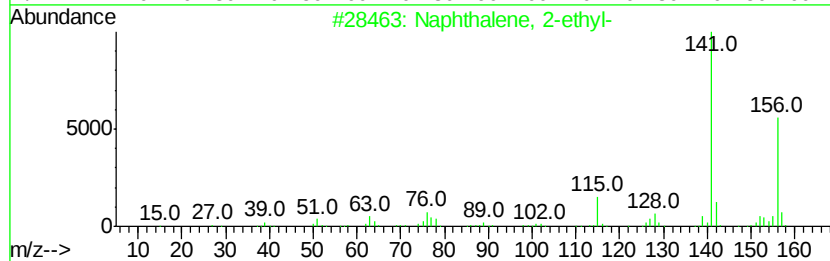
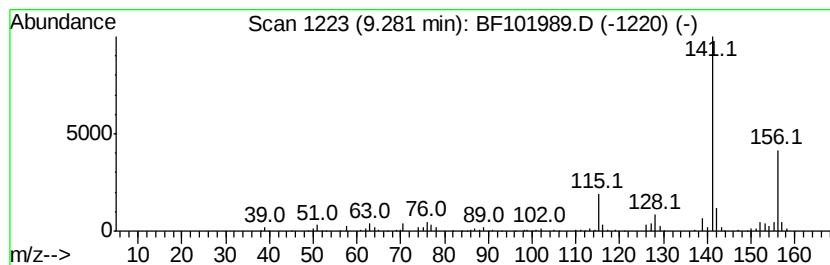
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.67 ng	358792	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5		Benzaldehyde, 3-methoxy-4-(1-naphthyl)-	292	C19H16O3	1000338-37-2	47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

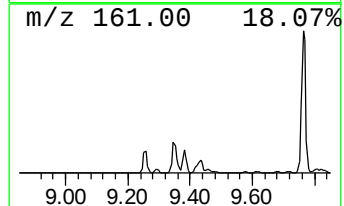
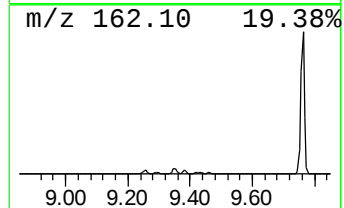
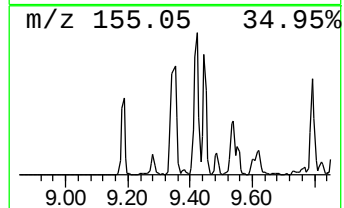
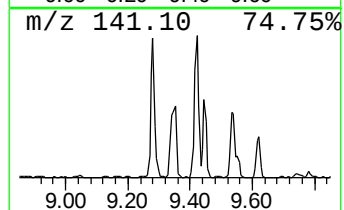
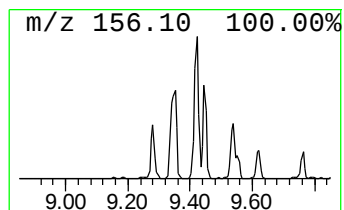
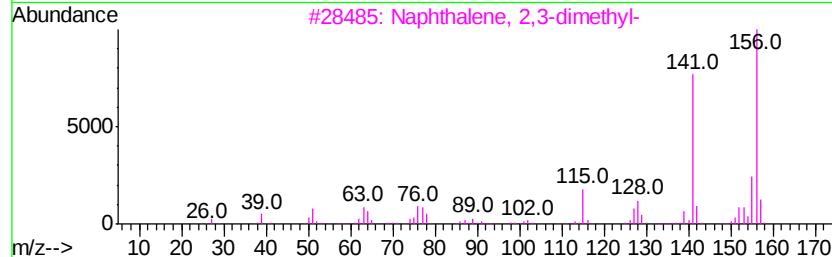
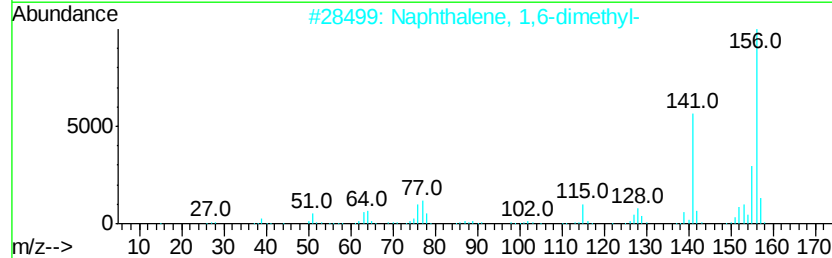
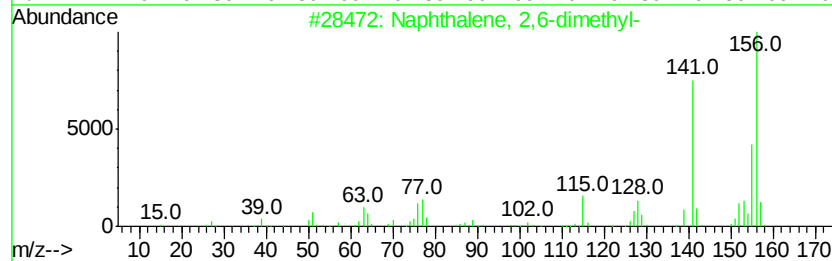
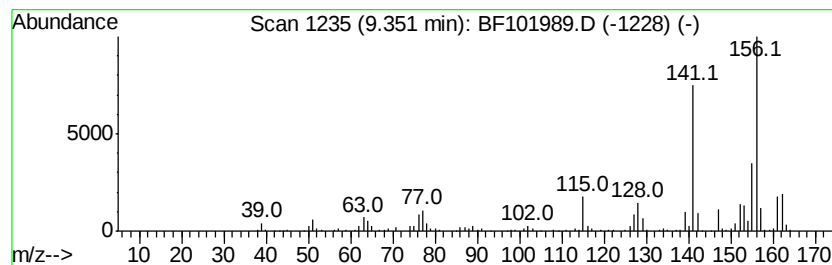
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ClientSampleId :
WC-14R30-01

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 8 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.35	5.88 ng	575593	Acenaphthene-d10		9.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

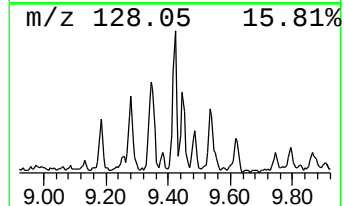
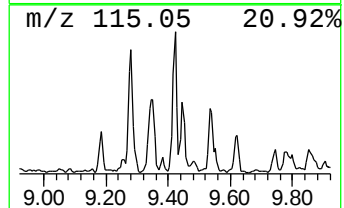
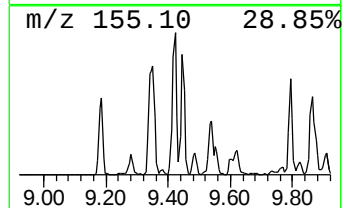
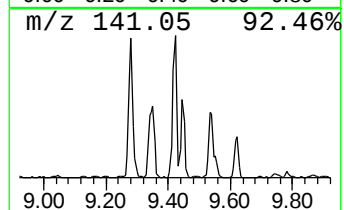
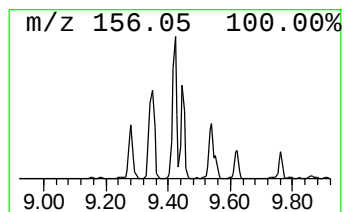
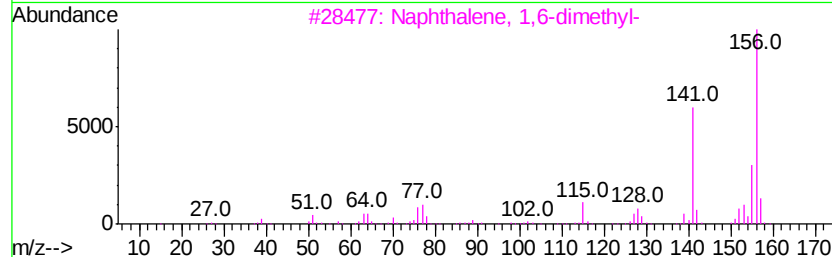
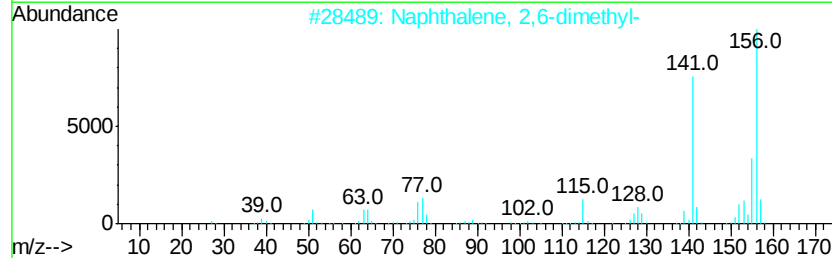
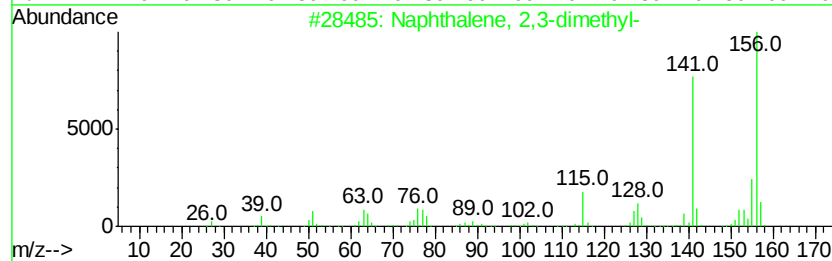
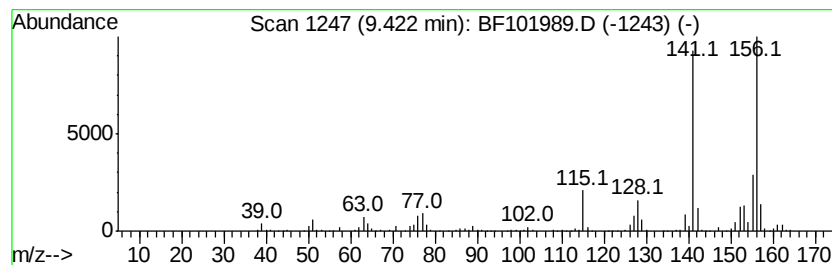
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.99 ng	586190	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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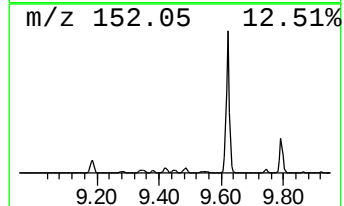
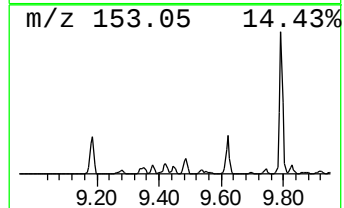
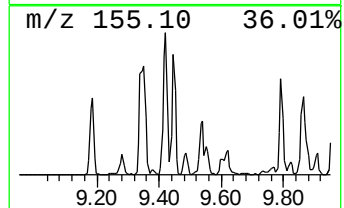
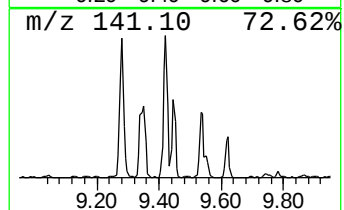
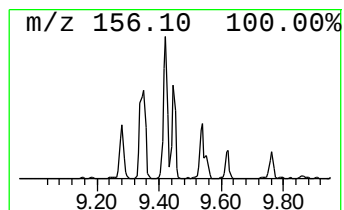
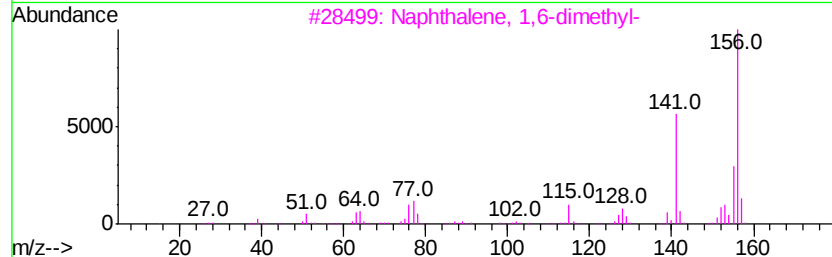
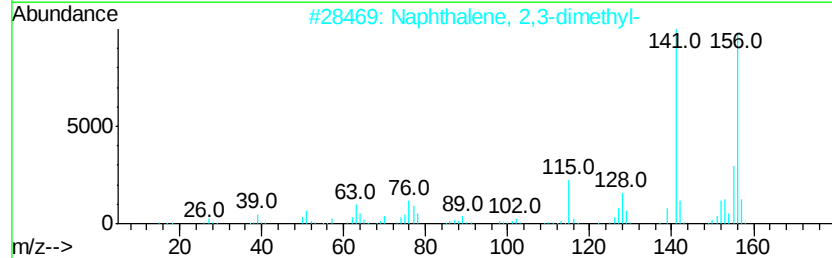
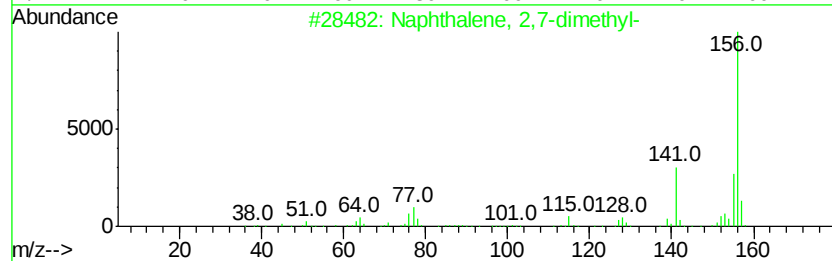
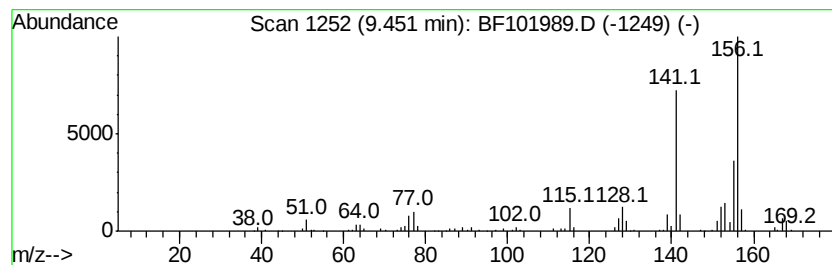
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.98 ng	291993	Acenaphthene-d10	9.76

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
WC-14R30-01

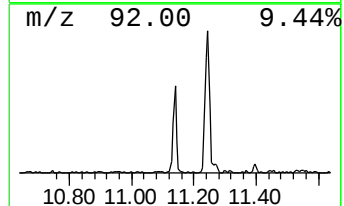
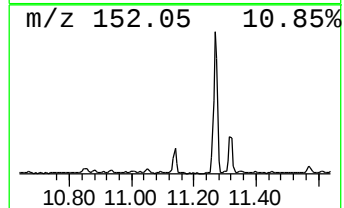
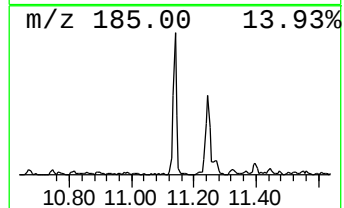
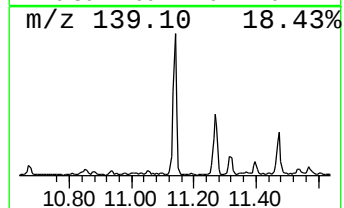
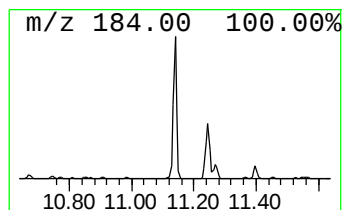
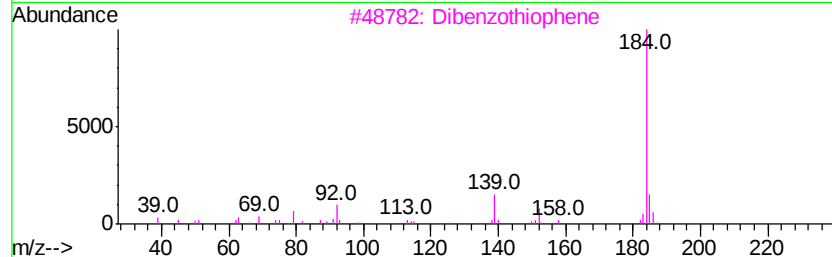
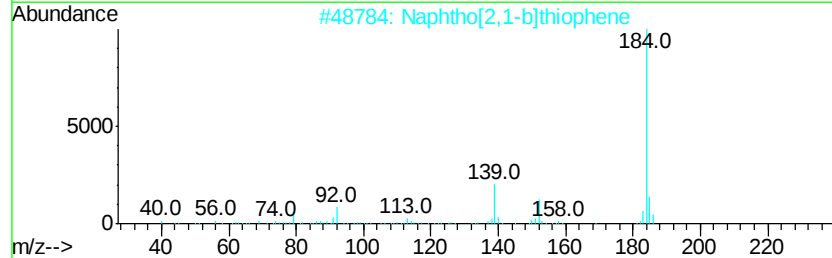
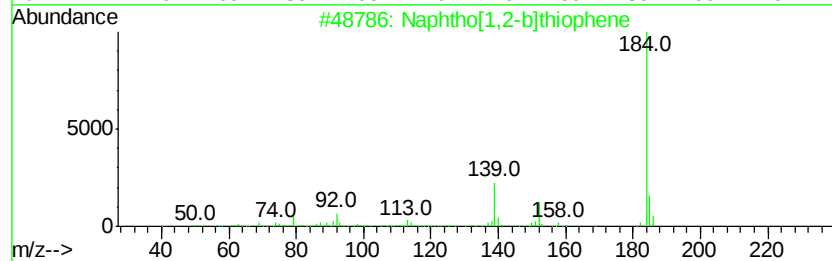
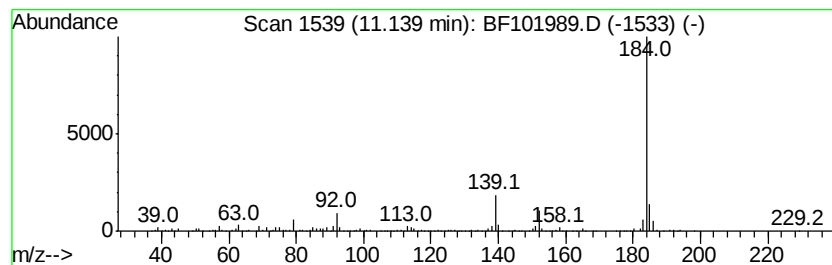
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	7.56 ng	646901	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14R30-01

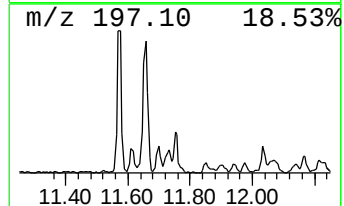
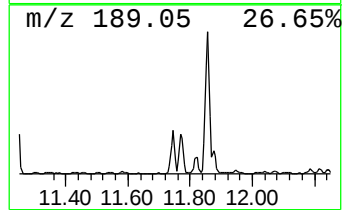
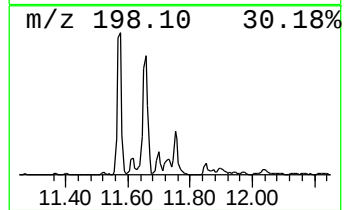
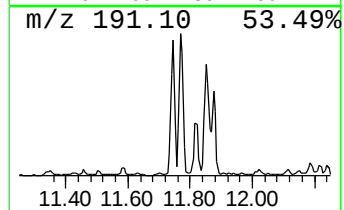
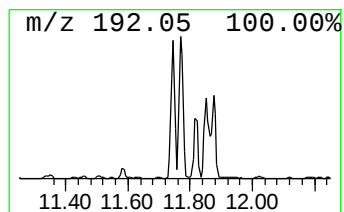
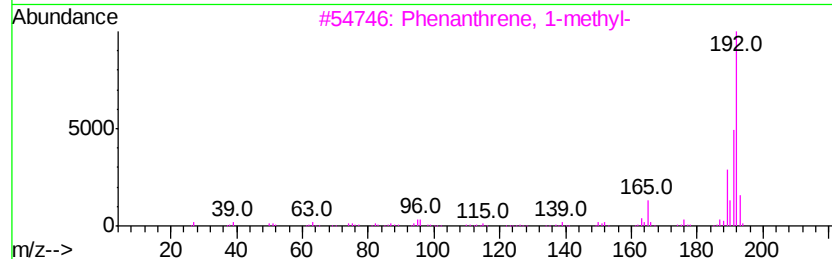
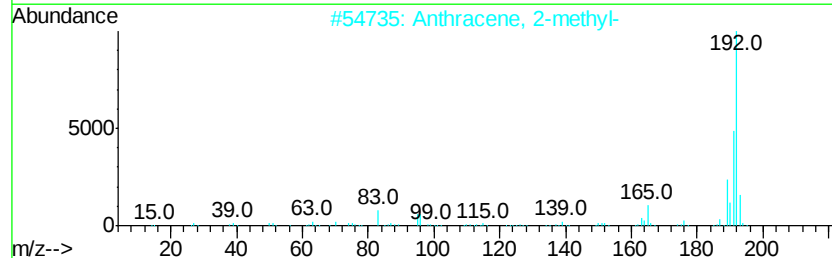
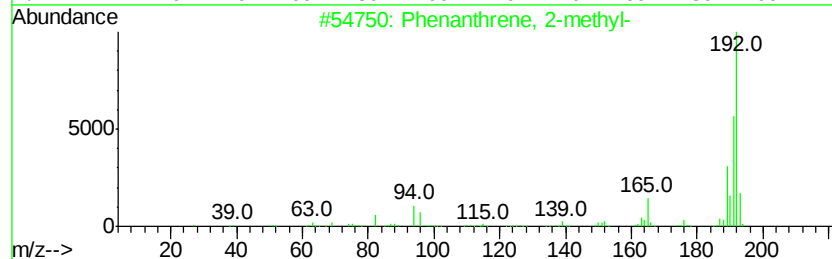
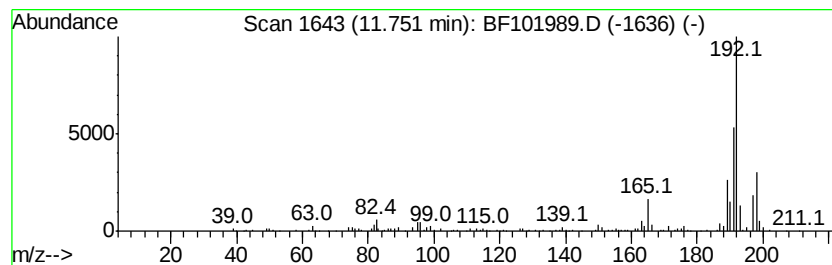
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.68 ng	486083	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

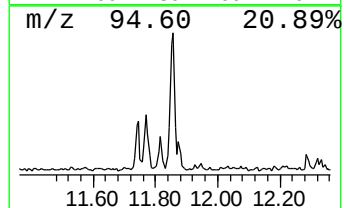
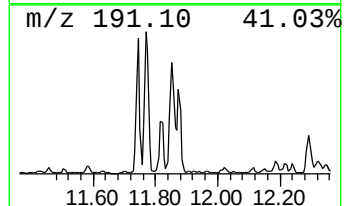
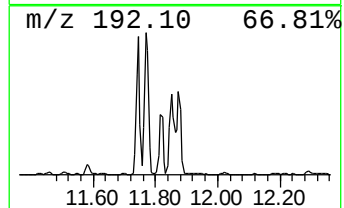
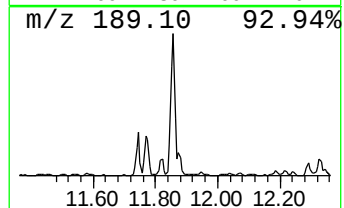
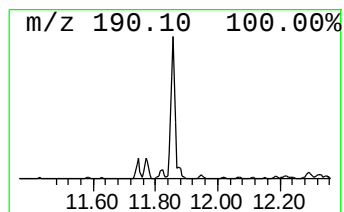
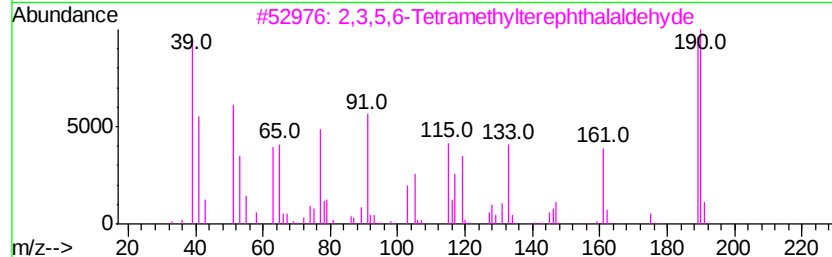
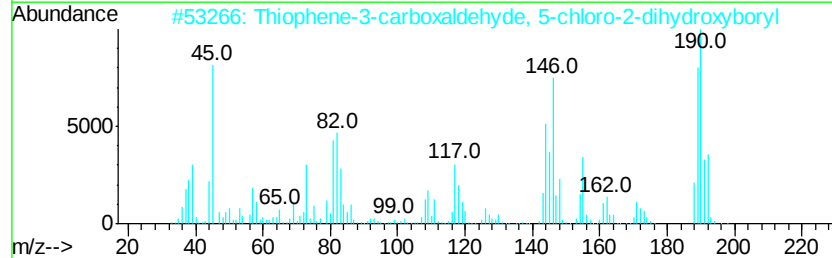
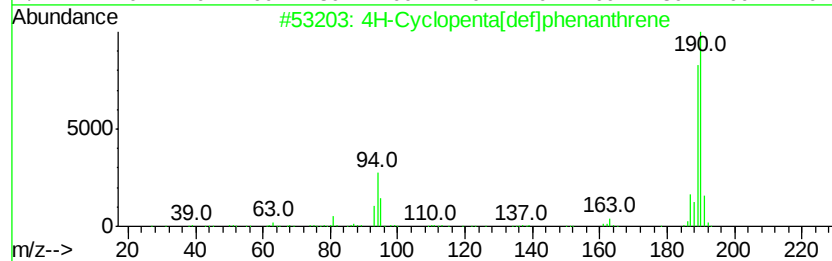
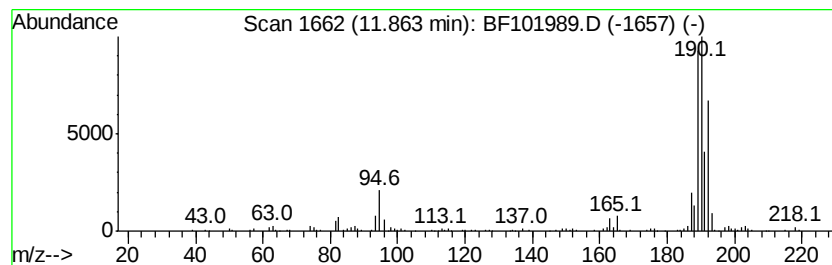
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	9.63 ng	823787	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

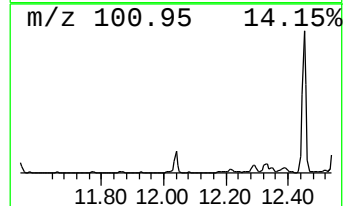
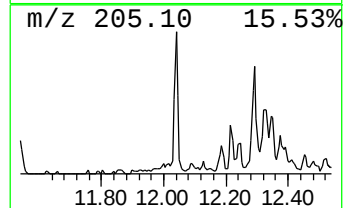
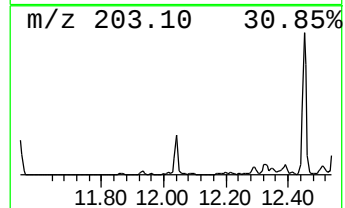
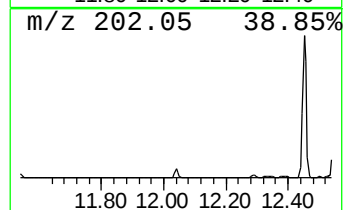
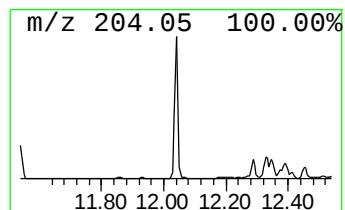
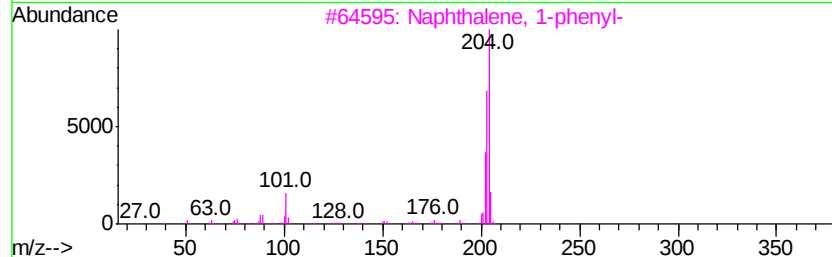
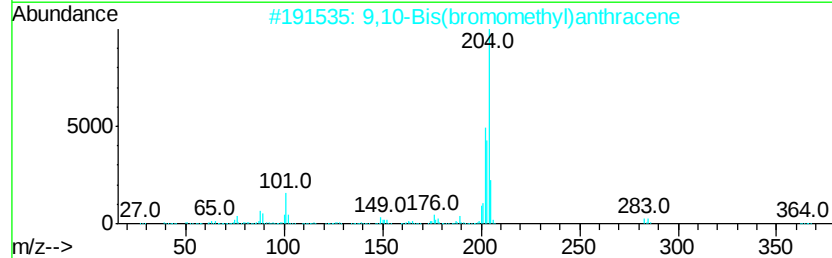
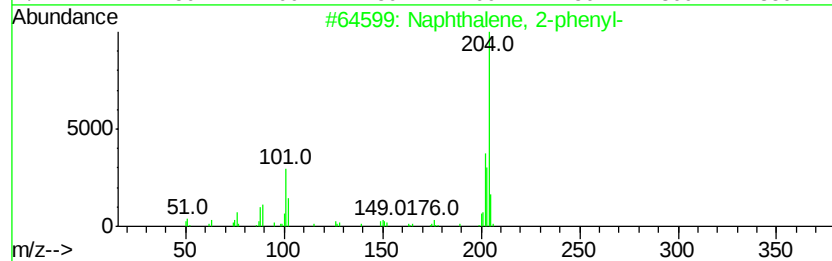
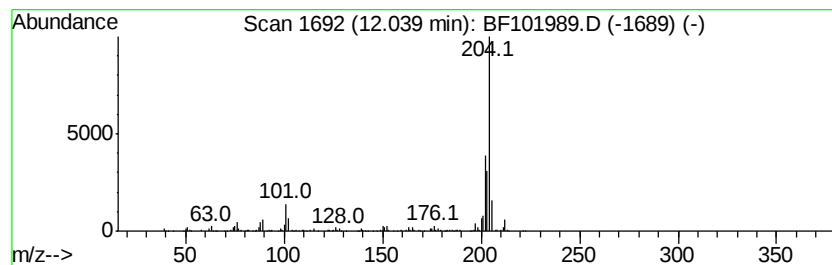
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.05 ng	260767	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

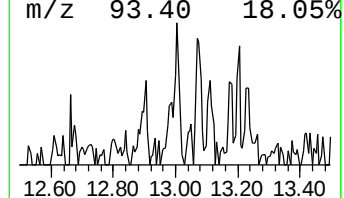
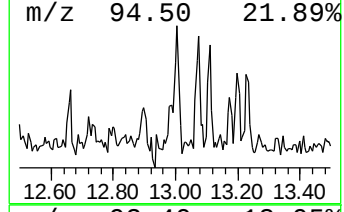
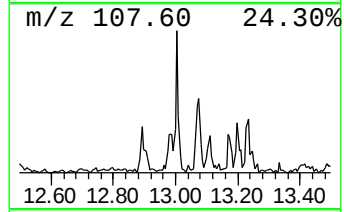
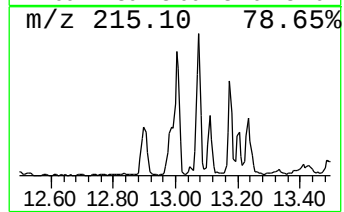
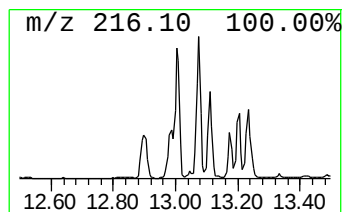
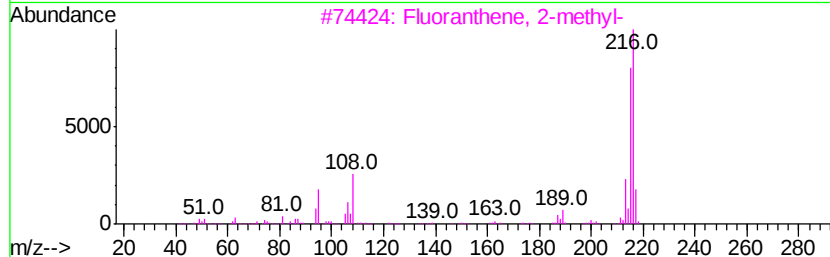
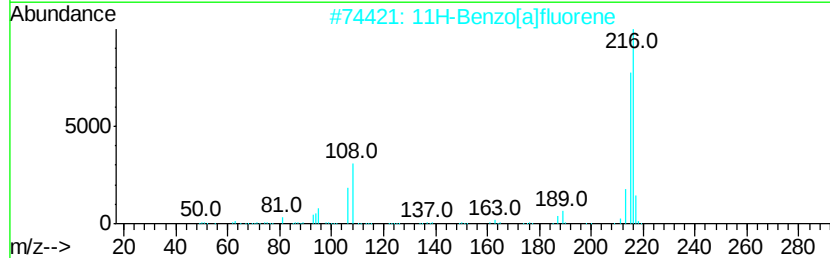
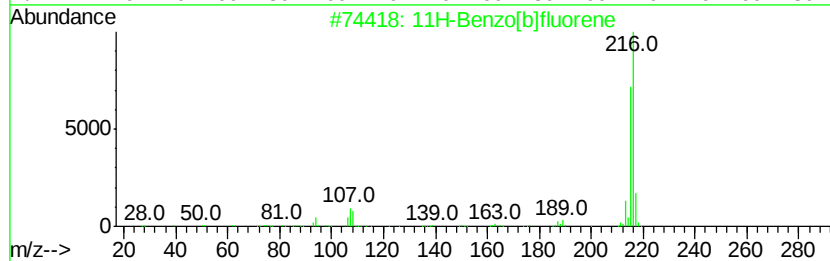
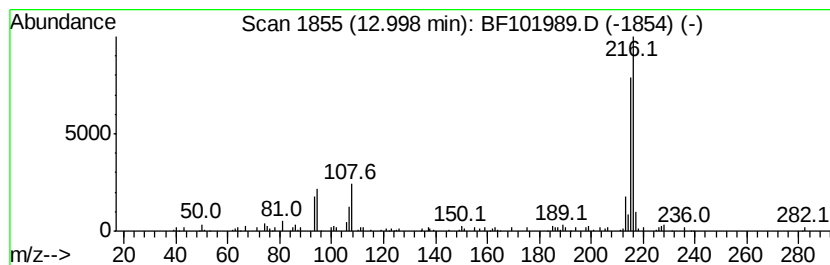
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.63 ng	303268	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

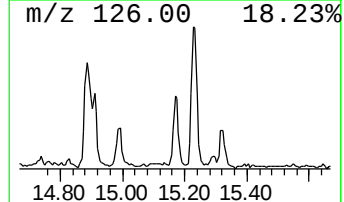
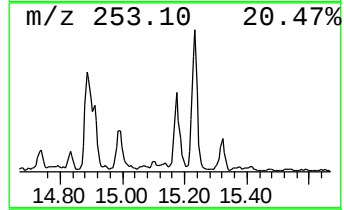
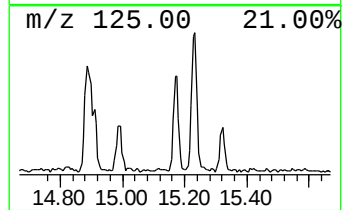
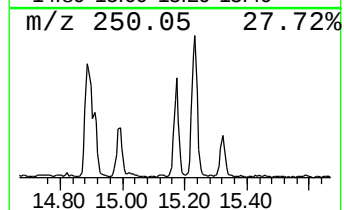
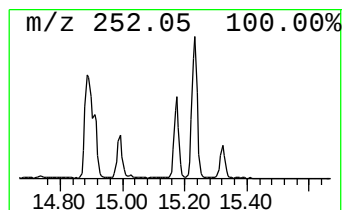
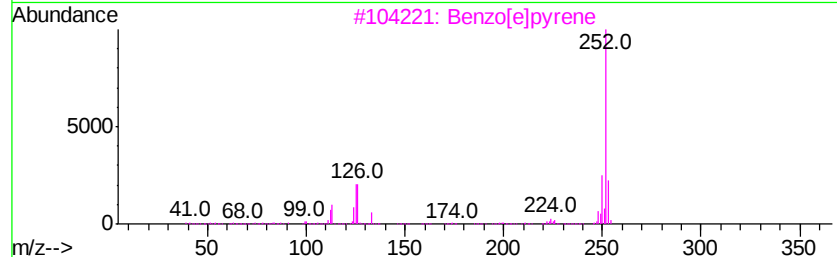
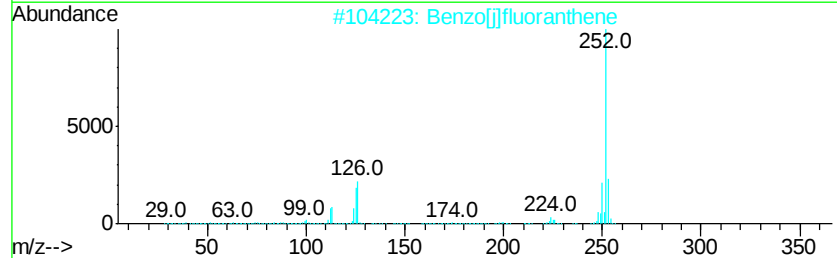
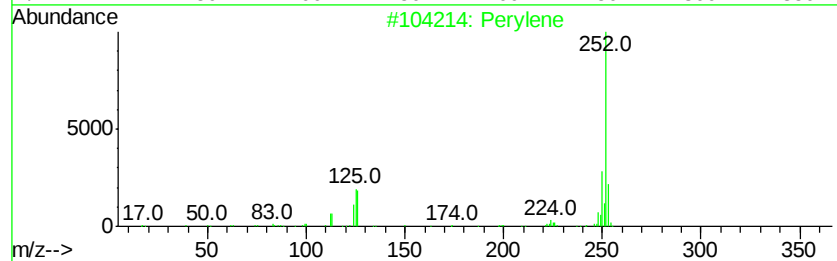
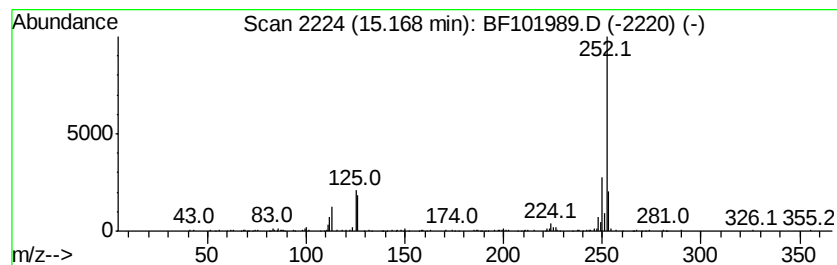
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.61 ng	313725	Perylene-d12	15.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[il]fluoranthene	252	C20H12	000205-82-3	98
3			Benzo[el]pyrene	252	C20H12	000192-97-2	98
4			Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
 Data File : BF101989.D
 Acq On : 10 Jan 2018 19:56
 Operator : SJ/JU
 Sample : J1076-06 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14R30-01

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
Mesitylene	6.55	4.9 ng		324161	1	6.73	1320280	20.0
Indane	6.90	7.6 ng		499197	1	6.73	1320280	20.0
Indene	6.99	9.1 ng		600286	1	6.73	1320280	20.0
Naphthalene, 1-me...	8.82	14.4 ng		1341860	2	8.01	1862230	20.0
Naphthalene, 2-et...	9.28	3.7 ng		358792	3	9.76	1956540	20.0
Naphthalene, 2,6-...	9.35	5.9 ng		575593	3	9.76	1956540	20.0
Naphthalene, 2,3-...	9.42	6.0 ng		586190	3	9.76	1956540	20.0
Naphthalene, 2,7-...	9.45	3.0 ng		291993	3	9.76	1956540	20.0
Naphtho[1,2-b]thi...	11.14	7.6 ng		646901	4	11.25	1711030	20.0
Phenanthrene, 2-m...	11.75	5.7 ng		486083	4	11.25	1711030	20.0
4H-Cyclopenta[def...	11.86	9.6 ng		823787	4	11.25	1711030	20.0
Naphthalene, 2-ph...	12.04	3.0 ng		260767	4	11.25	1711030	20.0
11H-Benzo[b]fluorene	13.00	3.6 ng		303268	5	13.87	1672750	20.0
Perylene	15.17	5.6 ng		313725	6	15.29	1118000	20.0