

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101984.D
 Acq On : 10 Jan 2018 17:42
 Operator : SJ/JU
 Sample : J1076-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

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	5.322	547	550	554	rVB	155961	138645	3.93%	0.248%
2	6.351	722	725	730	rVB2	143368	146528	4.15%	0.263%
3	6.487	745	748	752	rVB	162674	134233	3.80%	0.241%
4	6.728	785	789	792	rBV	1554824	1264774	35.85%	2.266%
5	6.987	829	833	840	rBV	179285	161245	4.57%	0.289%
6	8.010	1002	1007	1009	rBV	2043180	1894603	53.70%	3.395%
7	8.034	1009	1011	1014	rVV	1570805	1193704	33.84%	2.139%
8	8.722	1124	1128	1131	rVB	626728	473564	13.42%	0.849%
9	8.822	1140	1145	1148	rBV	406895	372025	10.54%	0.667%
10	9.081	1186	1189	1192	rVB	176309	148185	4.20%	0.266%
11	9.186	1200	1207	1210	rBV	132813	135768	3.85%	0.243%
12	9.351	1229	1235	1238	rBV	183583	249096	7.06%	0.446%
13	9.422	1243	1247	1249	rBV	316471	291375	8.26%	0.522%
14	9.445	1249	1251	1254	rVB	184034	139430	3.95%	0.250%
15	9.533	1263	1266	1268	rBV	149732	141283	4.00%	0.253%
16	9.622	1276	1281	1285	rBV	1042965	829537	23.51%	1.486%
17	9.763	1299	1305	1308	rBV	2025875	1798093	50.97%	3.222%
18	9.792	1308	1310	1314	rVV2	219329	202456	5.74%	0.363%
19	9.963	1333	1339	1343	rVV	650028	553650	15.69%	0.992%
20	10.004	1343	1346	1348	rVV	144831	117809	3.34%	0.211%
21	10.075	1355	1358	1361	rBV2	139947	143865	4.08%	0.258%
22	10.169	1369	1374	1375	rBV2	113958	141464	4.01%	0.253%
23	10.304	1394	1397	1404	rVB	989249	1003060	28.43%	1.797%
24	10.463	1420	1424	1427	rBV	242095	206859	5.86%	0.371%
25	10.545	1433	1438	1442	rVB2	296473	366252	10.38%	0.656%
26	10.669	1456	1459	1465	rVB3	167361	184849	5.24%	0.331%
27	10.851	1481	1490	1493	rBV2	270234	360415	10.22%	0.646%
28	10.880	1493	1495	1498	rVV2	158650	142904	4.05%	0.256%
29	10.933	1501	1504	1508	rVV	138661	130781	3.71%	0.234%
30	10.980	1508	1512	1514	rVV	116869	131251	3.72%	0.235%
31	11.004	1514	1516	1518	rVV	149008	129203	3.66%	0.232%
32	11.051	1521	1524	1527	rVV2	173503	191021	5.41%	0.342%
33	11.092	1528	1531	1534	rVV	122576	139316	3.95%	0.250%
34	11.139	1537	1539	1544	rVB	412124	347842	9.86%	0.623%

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

35	11.245	1553	1557	1559	rBV	1661383	1573893	44.61%	2.820%
36	11.275	1559	1562	1565	rVV	3533070	3246357	92.02%	5.817%
37	11.322	1565	1570	1572	rVV	1068594	1003643	28.45%	1.798%
38	11.351	1572	1575	1578	rVV2	143145	140242	3.98%	0.251%
39	11.475	1594	1596	1598	rVB	202865	142792	4.05%	0.256%
40	11.539	1605	1607	1610	rBV	164101	142943	4.05%	0.256%
41	11.575	1610	1613	1618	rVB2	232816	211008	5.98%	0.378%
42	11.657	1624	1627	1631	rVB	163065	168528	4.78%	0.302%
43	11.745	1638	1642	1644	rVV	747554	654893	18.56%	1.174%
44	11.775	1644	1647	1650	rVB	896431	773161	21.92%	1.385%
45	11.822	1651	1655	1657	rBV	308263	307572	8.72%	0.551%
46	11.857	1657	1661	1663	rVV2	1253583	1279910	36.28%	2.294%
47	11.880	1663	1665	1670	rVB	543569	425808	12.07%	0.763%
48	12.039	1689	1692	1694	rVV	454785	404534	11.47%	0.725%
49	12.063	1694	1696	1699	rVV2	221033	212354	6.02%	0.381%
50	12.216	1720	1722	1725	rVV	159506	163706	4.64%	0.293%
51	12.245	1725	1727	1729	rVB2	152591	121859	3.45%	0.218%
52	12.292	1729	1735	1738	rBV	492107	578116	16.39%	1.036%
53	12.327	1738	1741	1744	rVV2	287435	396501	11.24%	0.711%
54	12.374	1747	1749	1754	rBV3	286220	369373	10.47%	0.662%
55	12.457	1759	1763	1767	rVV	3431595	3362852	95.32%	6.026%
56	12.504	1767	1771	1772	rVV2	124725	133316	3.78%	0.239%
57	12.551	1776	1779	1781	rVV	546843	496140	14.06%	0.889%
58	12.604	1786	1788	1796	rVB3	193408	304167	8.62%	0.545%
59	12.686	1796	1802	1805	rBV	3209402	3527993	100.00%	6.322%
60	12.733	1807	1810	1815	rVB2	164637	239790	6.80%	0.430%
61	12.798	1818	1821	1823	rBV	239563	219728	6.23%	0.394%
62	12.833	1823	1827	1833	rVB2	223368	383424	10.87%	0.687%
63	12.898	1833	1838	1842	rBV3	329814	546201	15.48%	0.979%
64	12.986	1850	1853	1854	rVV2	289676	308538	8.75%	0.553%
65	13.010	1854	1857	1860	rVB	764937	721328	20.45%	1.293%
66	13.051	1860	1864	1865	rBV3	97383	118949	3.37%	0.213%
67	13.074	1865	1868	1871	rVV	586680	497806	14.11%	0.892%
68	13.110	1871	1874	1878	rVV2	466299	485698	13.77%	0.870%
69	13.174	1882	1885	1888	rBV3	129198	181782	5.15%	0.326%
70	13.204	1888	1890	1893	rVV	330782	256376	7.27%	0.459%
71	13.233	1893	1895	1899	rVV	341289	275348	7.80%	0.493%

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72	13.410	1918	1925	1927	rBV5	144315	235613	6.68%	0.422%
73	13.510	1940	1942	1948	rVB	193321	246501	6.99%	0.442%
74	13.627	1956	1962	1965	rBV3	298779	455049	12.90%	0.815%
75	13.657	1965	1967	1969	rVV	319602	273501	7.75%	0.490%
76	13.674	1969	1970	1974	rVV2	249140	267873	7.59%	0.480%
77	13.721	1975	1978	1982	rVB	190788	207120	5.87%	0.371%
78	13.868	1997	2003	2007	rBV2	1925649	2865556	81.22%	5.135%
79	13.904	2007	2009	2015	rVB	1468014	1272521	36.07%	2.280%
80	14.016	2026	2028	2031	rBV	171967	160521	4.55%	0.288%
81	14.263	2066	2070	2073	rVV	403774	448635	12.72%	0.804%
82	14.298	2073	2076	2079	rVV	205965	213577	6.05%	0.383%
83	14.357	2079	2086	2088	rVV2	271948	348343	9.87%	0.624%
84	14.386	2088	2091	2093	rVV	255334	285670	8.10%	0.512%
85	14.404	2093	2094	2099	rVV2	223638	228769	6.48%	0.410%
86	14.457	2101	2103	2108	rVB2	109979	118208	3.35%	0.212%
87	14.898	2172	2178	2180	rBV	1186945	1814084	51.42%	3.251%
88	14.992	2191	2194	2199	rVB	400849	444717	12.61%	0.797%
89	15.180	2221	2226	2232	rVB	778482	970865	27.52%	1.740%
90	15.239	2232	2236	2242	rVB	1200965	1527614	43.30%	2.737%
91	15.298	2242	2246	2249	rBV	817272	1037899	29.42%	1.860%
92	15.327	2249	2251	2257	rVB2	400045	481311	13.64%	0.862%
93	15.633	2300	2303	2309	rVB3	85292	142069	4.03%	0.255%
94	15.821	2332	2335	2344	rVB2	154560	257515	7.30%	0.461%
95	16.521	2448	2454	2460	rVB2	112161	262947	7.45%	0.471%
96	16.680	2474	2481	2488	rVB2	591493	1177342	33.37%	2.110%
97	16.845	2504	2509	2514	rBV	138888	248536	7.04%	0.445%
98	16.898	2514	2518	2523	rBV2	114713	214774	6.09%	0.385%
99	17.092	2545	2551	2562	rVB	480269	953083	27.01%	1.708%
100	17.309	2583	2588	2593	rVB	151804	263817	7.48%	0.473%

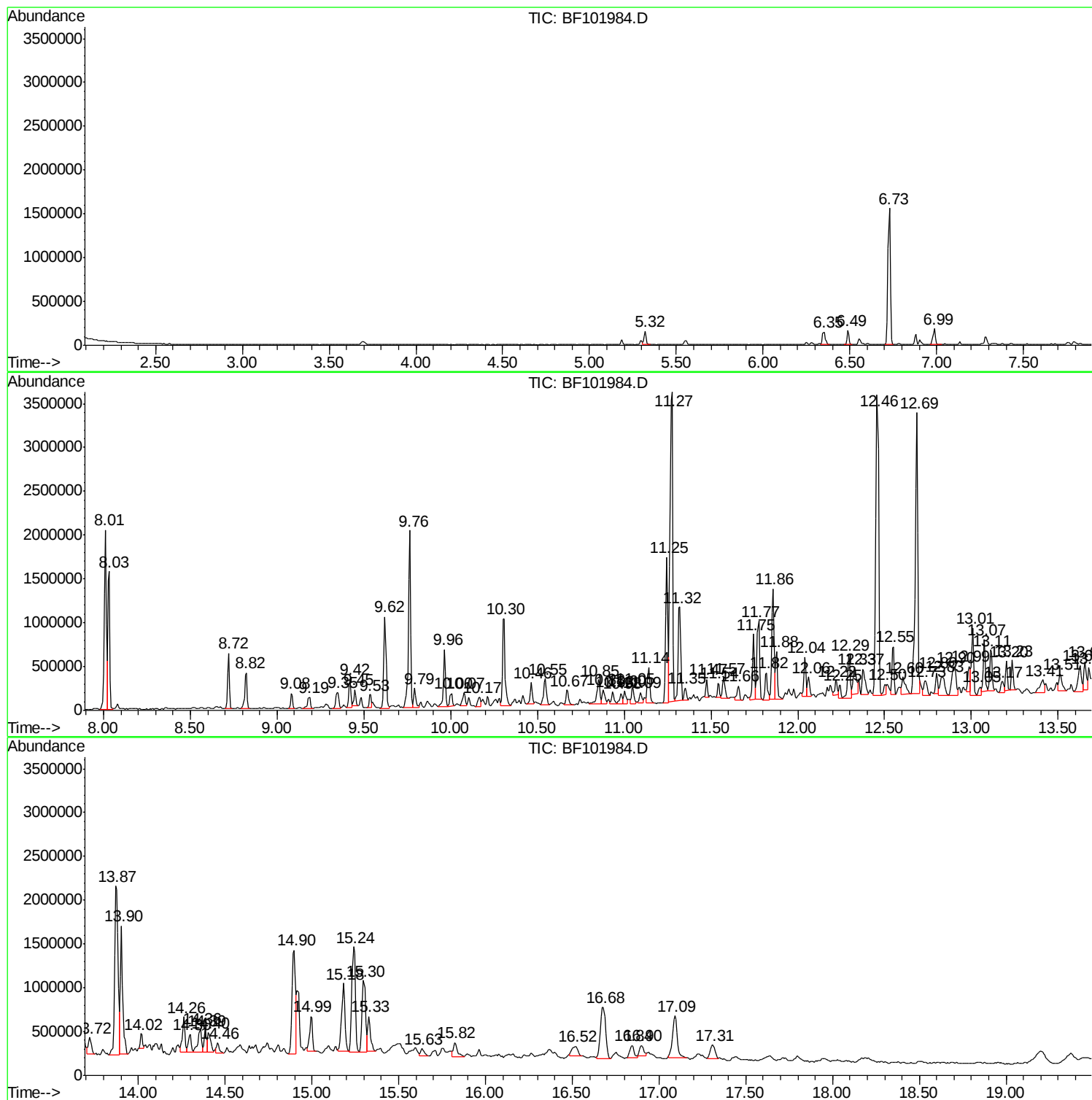
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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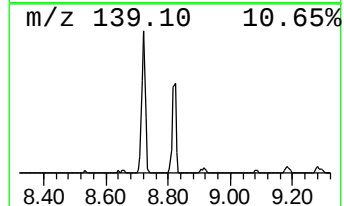
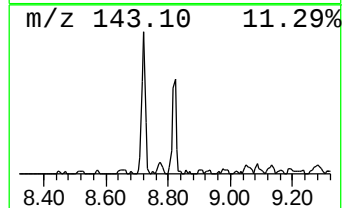
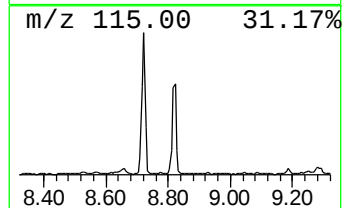
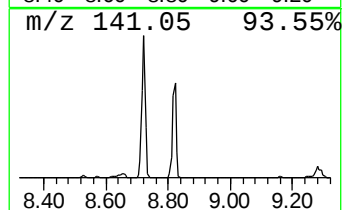
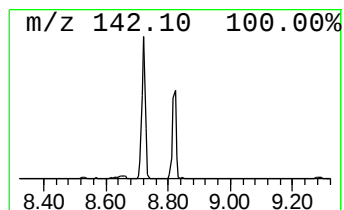
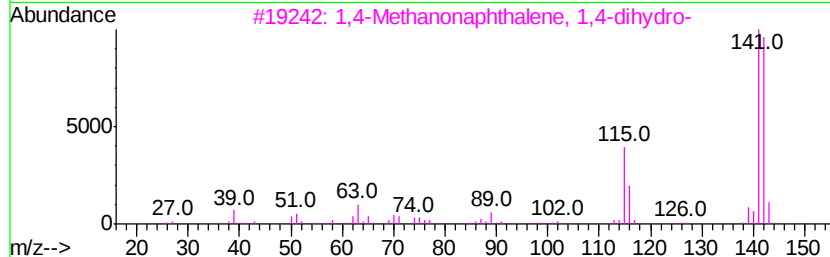
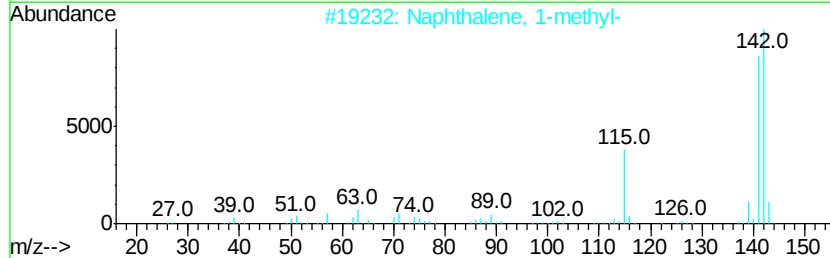
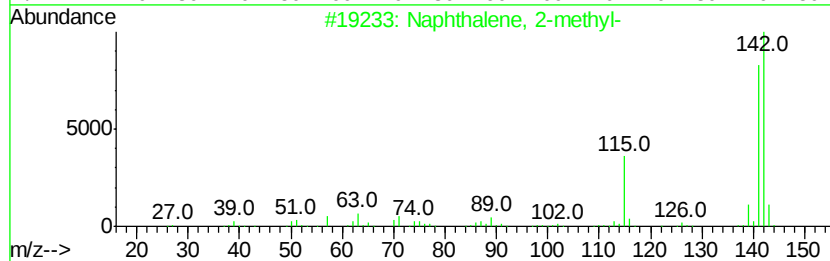
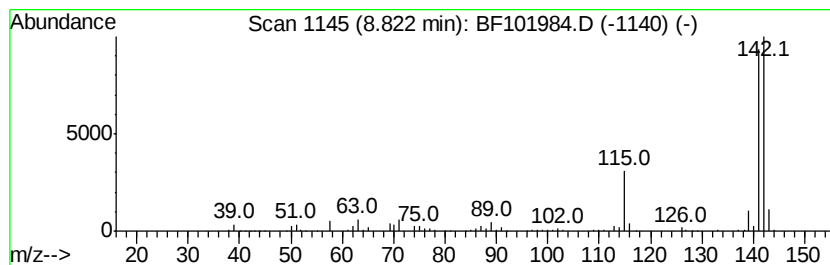
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.82	3.93 ng	372025	Naphthalene-d8	8.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



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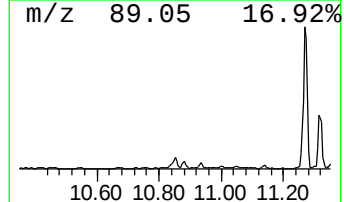
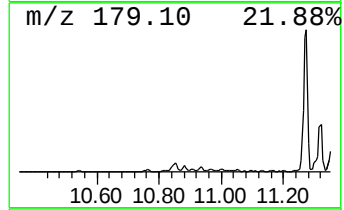
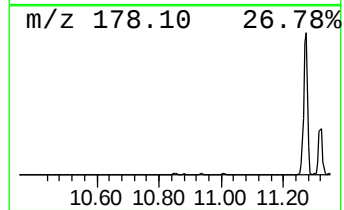
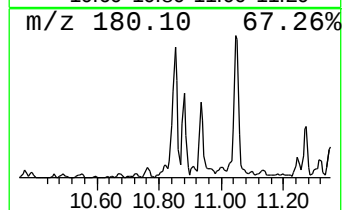
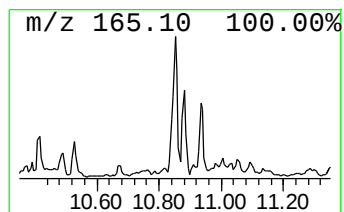
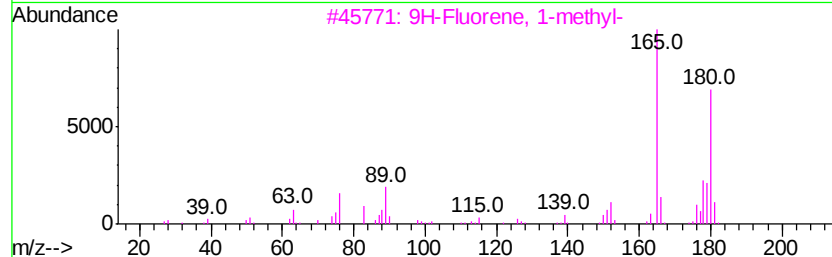
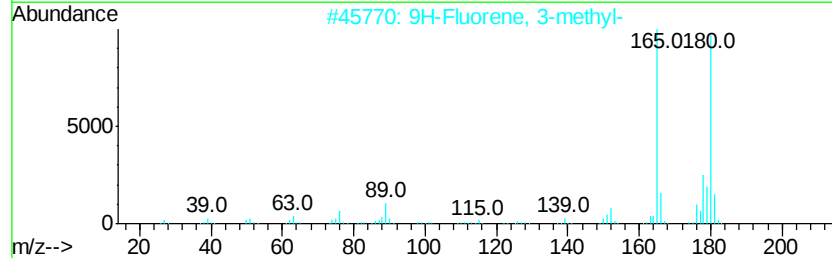
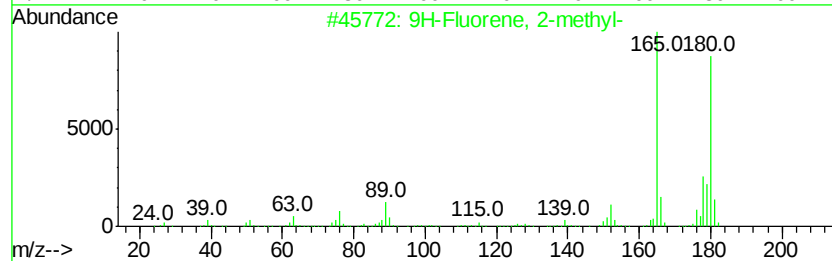
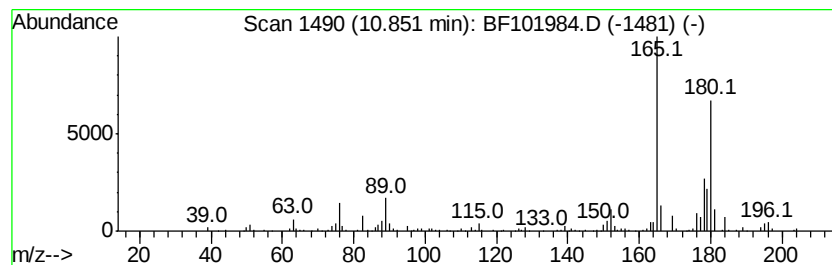
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	4.58 ng	360415	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86



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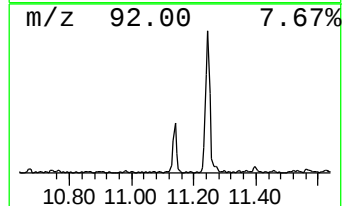
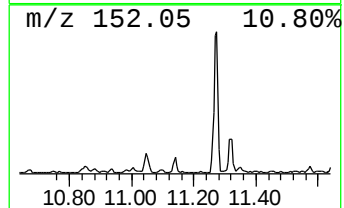
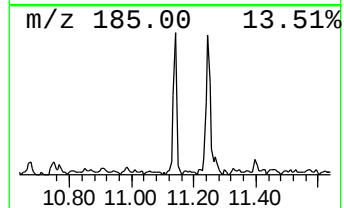
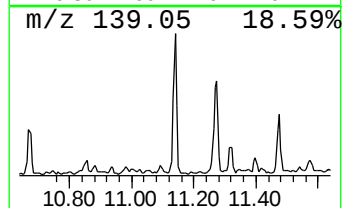
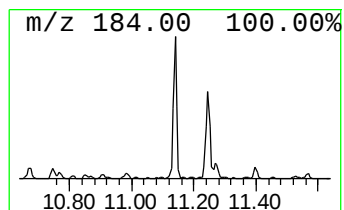
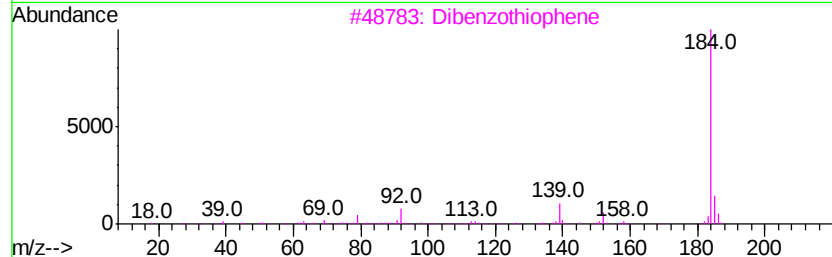
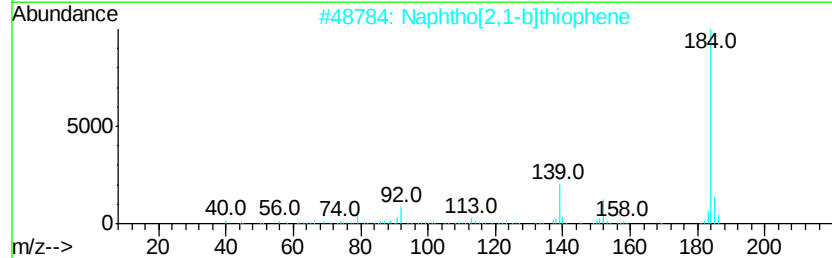
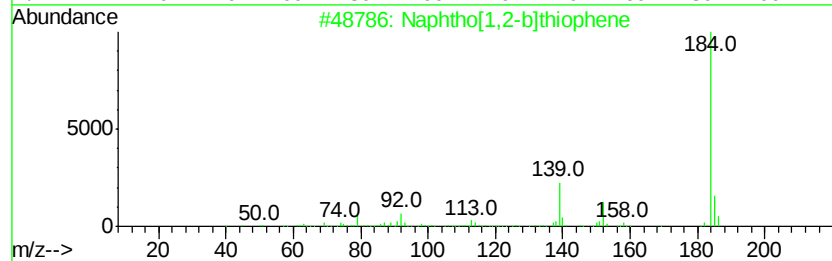
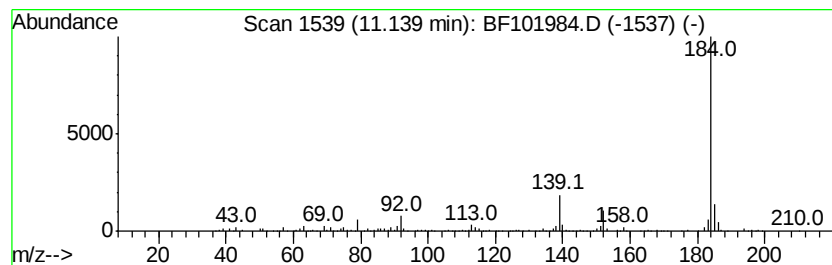
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.14	4.42 ng	347842	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	96
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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Operator : SJ/JU
Sample : J1076-01 10X
Misc :
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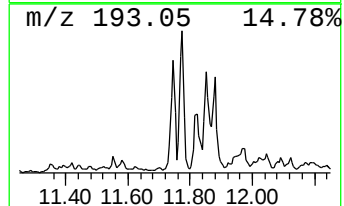
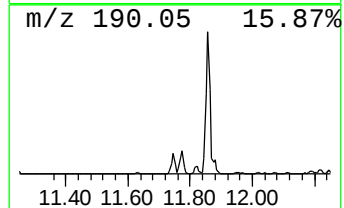
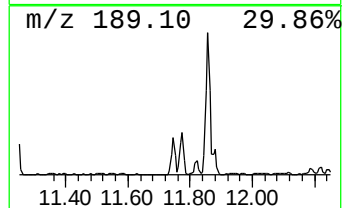
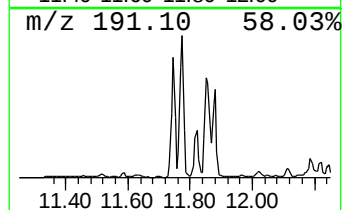
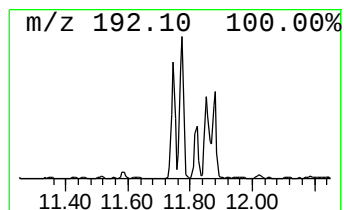
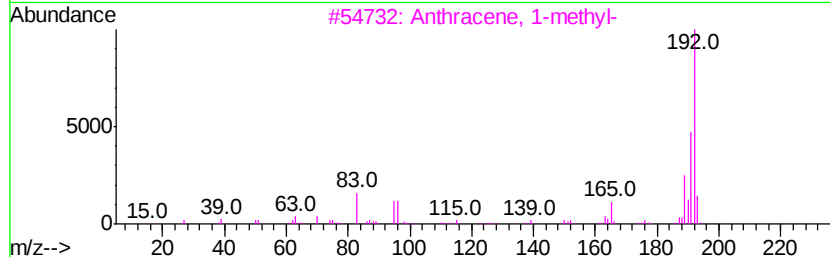
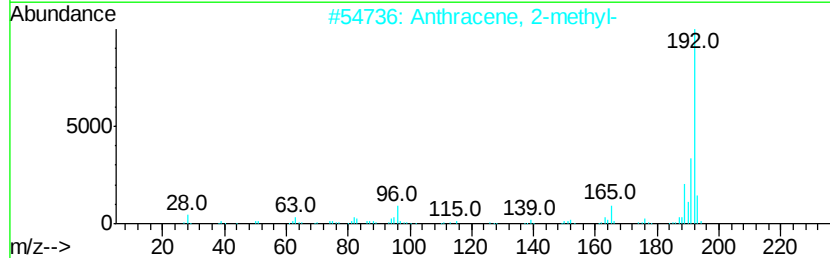
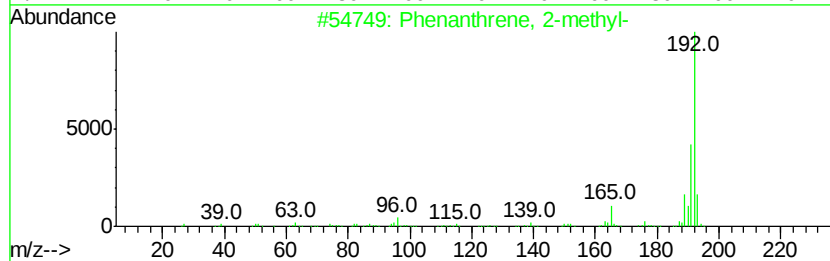
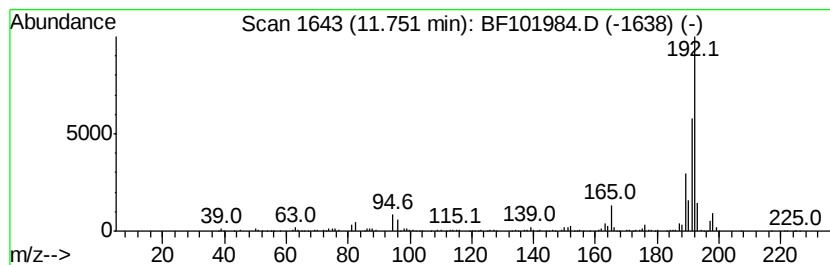
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	8.32 ng	654893	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
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Operator : SJ/JU
Sample : J1076-01 10X
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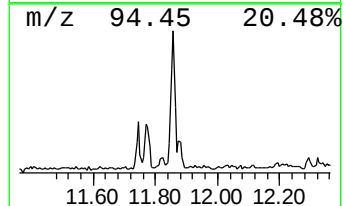
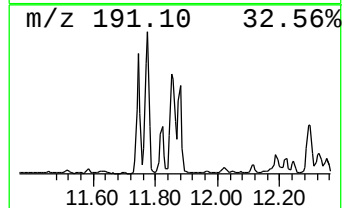
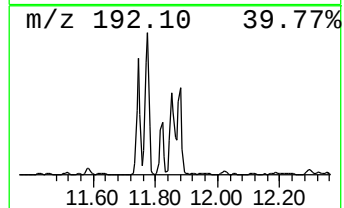
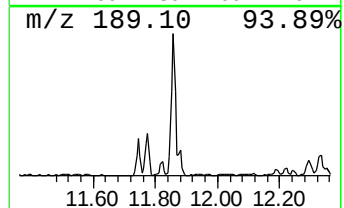
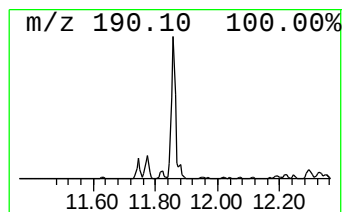
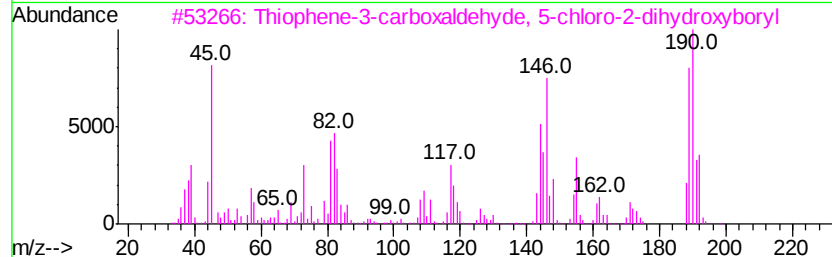
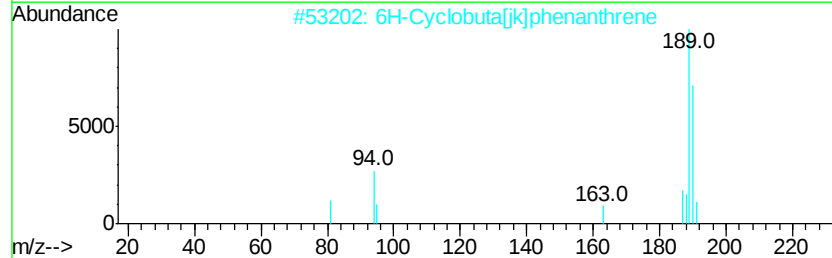
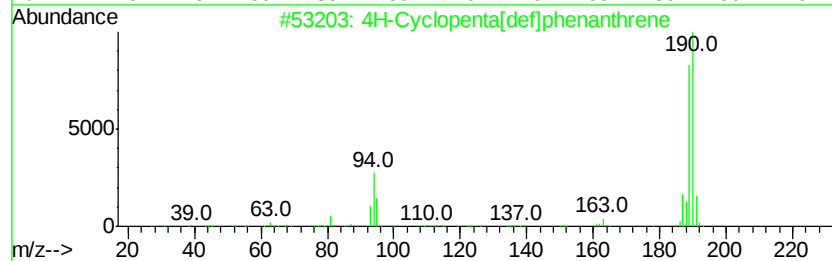
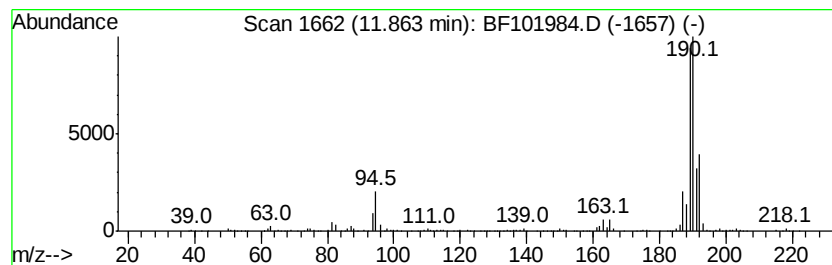
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	16.26 ng	1279910	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	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
Operator : SJ/JU
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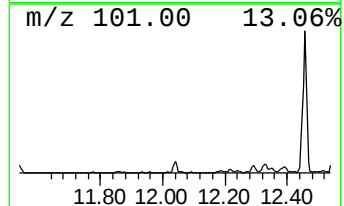
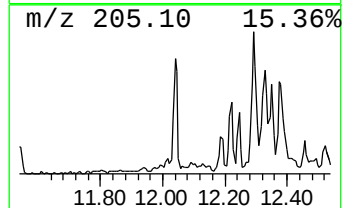
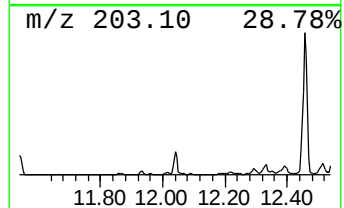
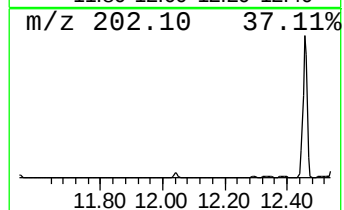
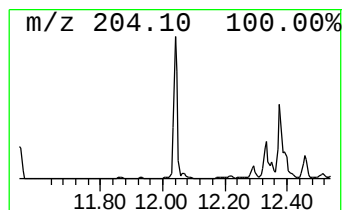
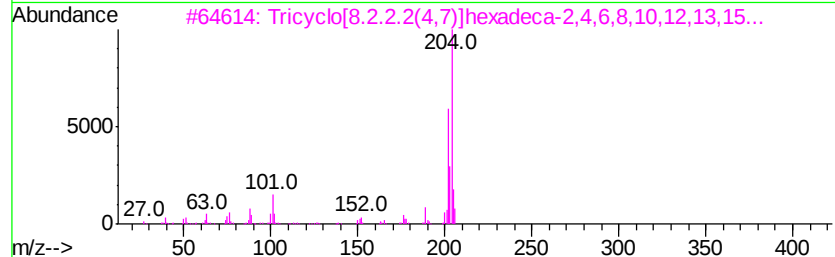
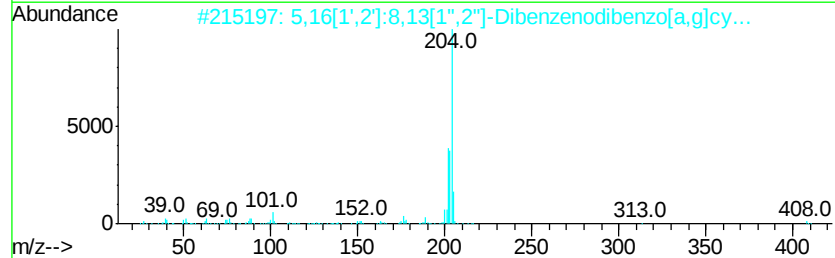
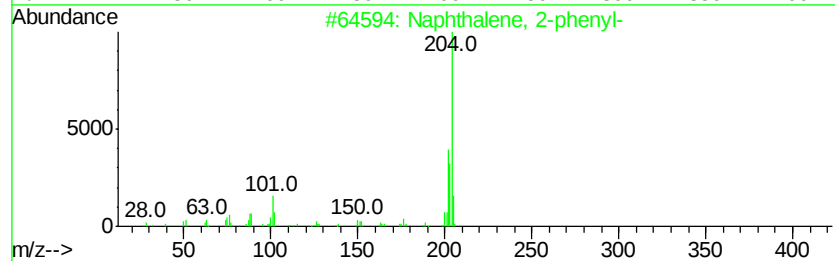
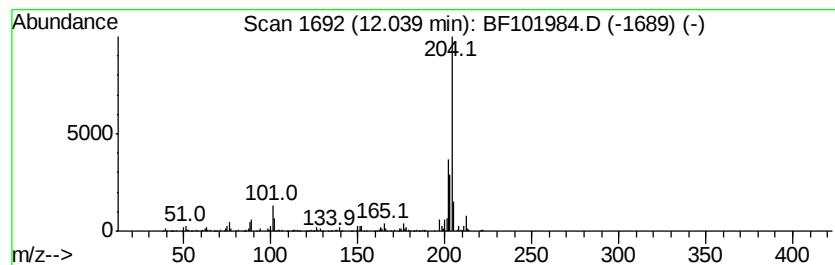
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.14 ng	404534	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
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ClientSampleId :
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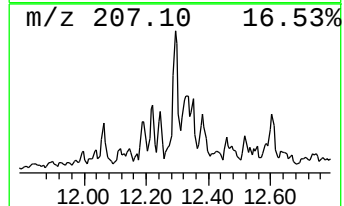
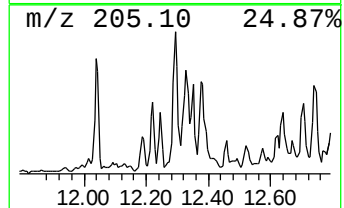
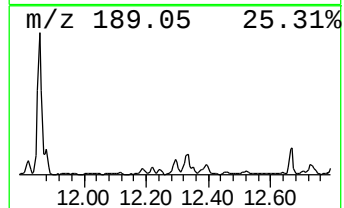
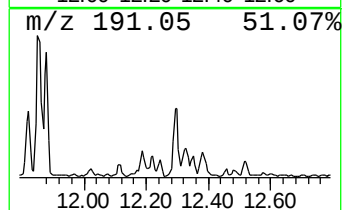
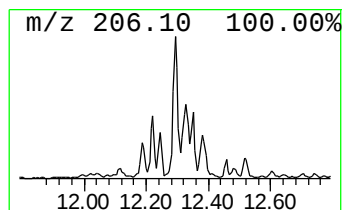
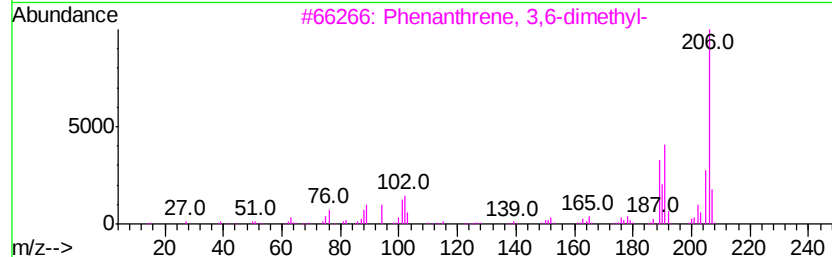
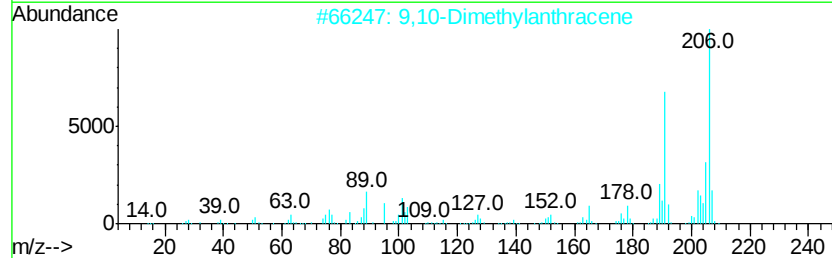
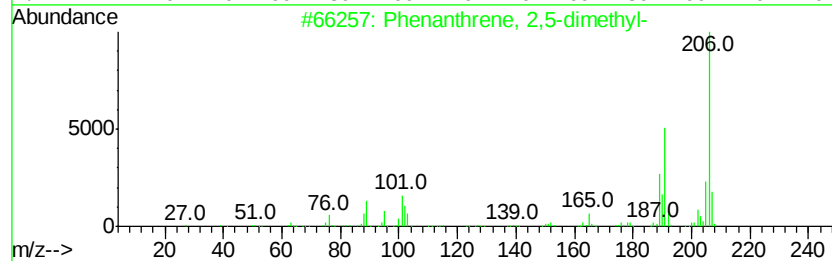
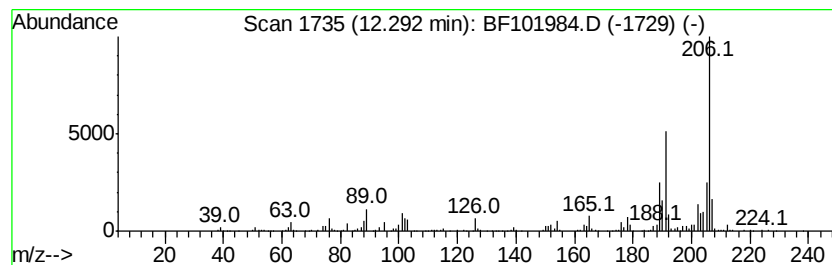
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.35 ng	578116	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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Instrument :
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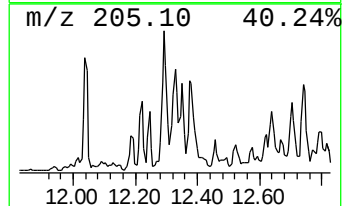
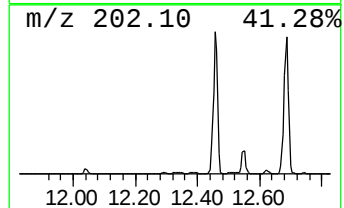
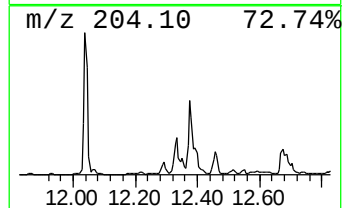
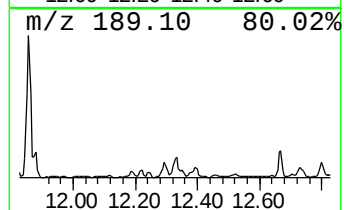
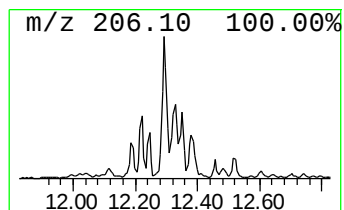
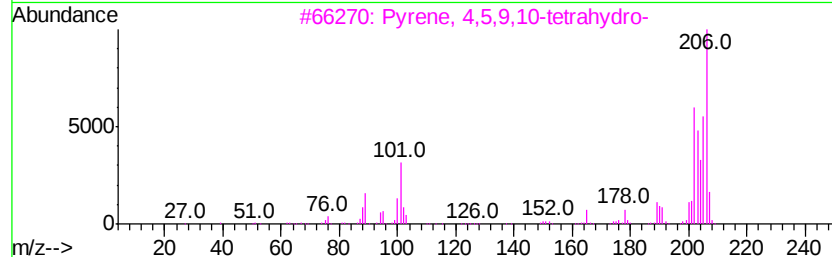
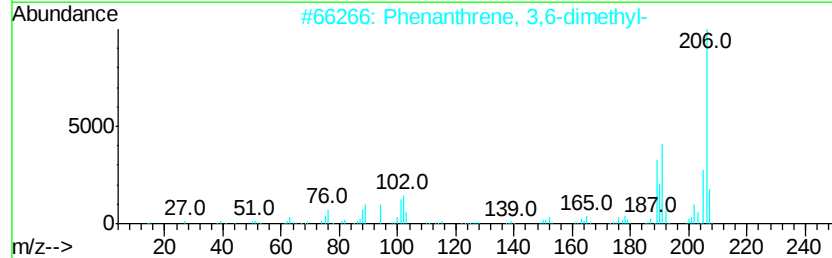
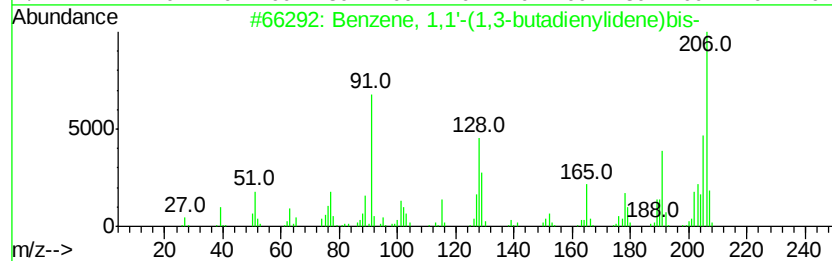
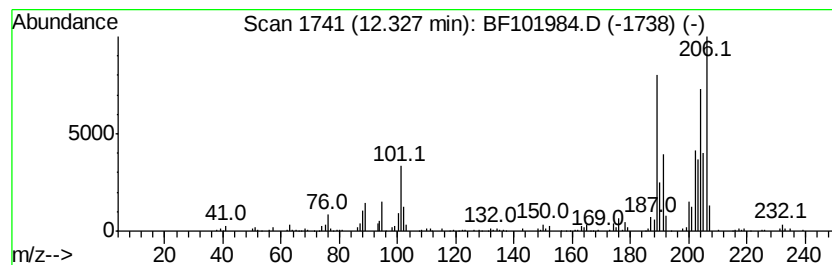
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.33 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	5.04 ng	396501	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	46
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3		Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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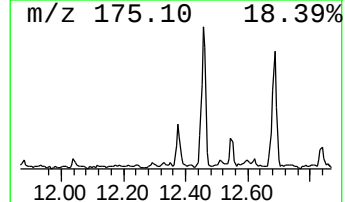
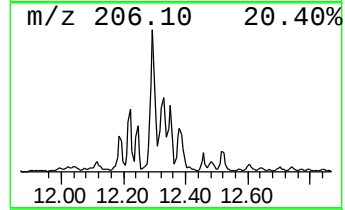
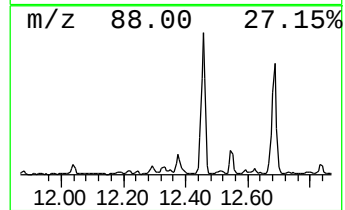
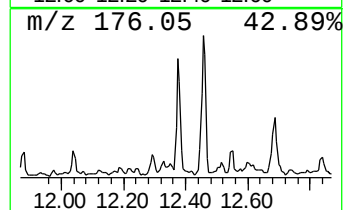
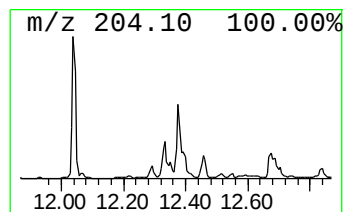
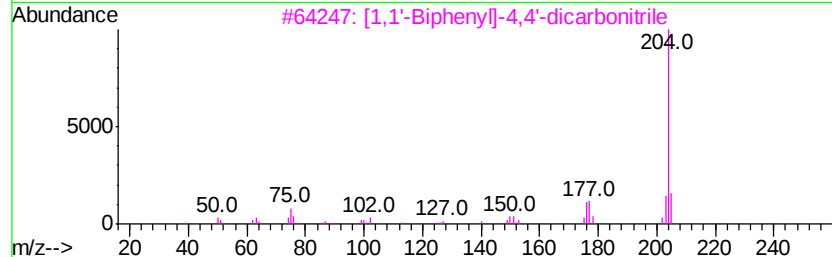
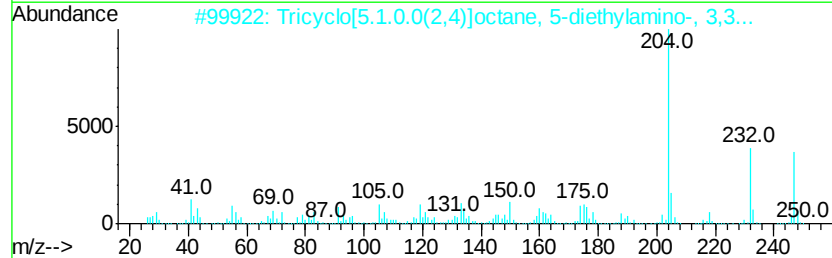
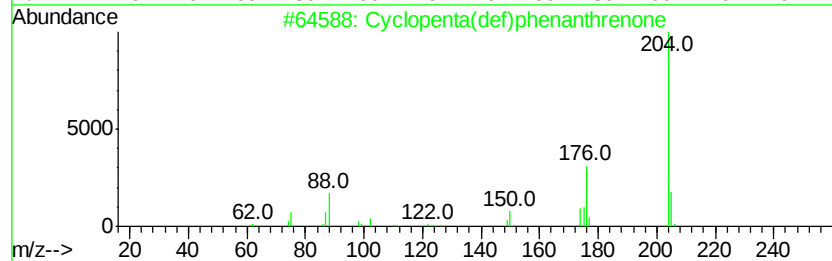
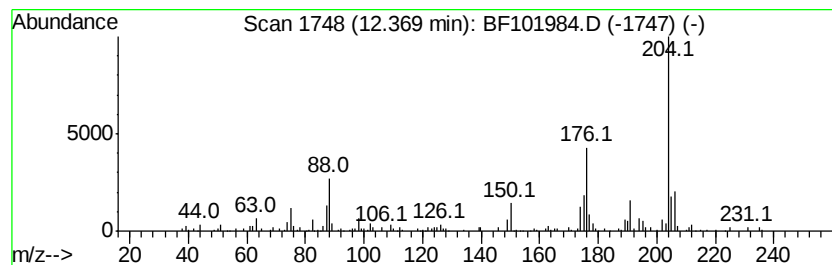
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.69 ng	369373	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	41
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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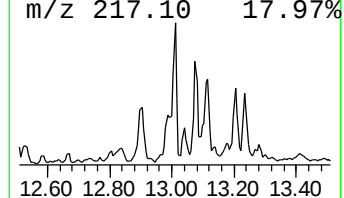
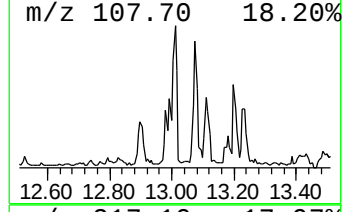
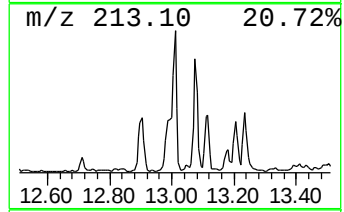
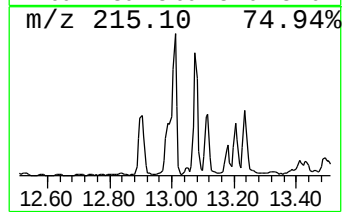
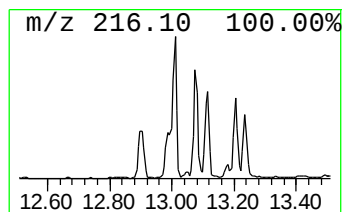
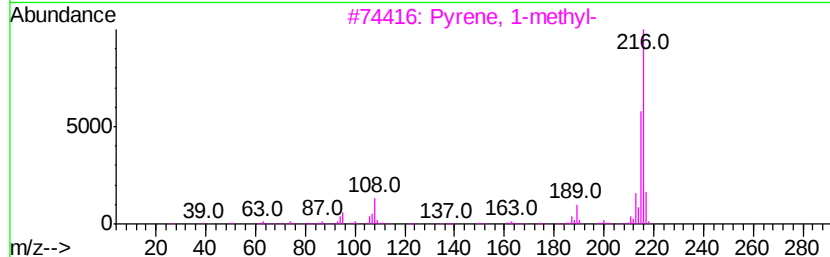
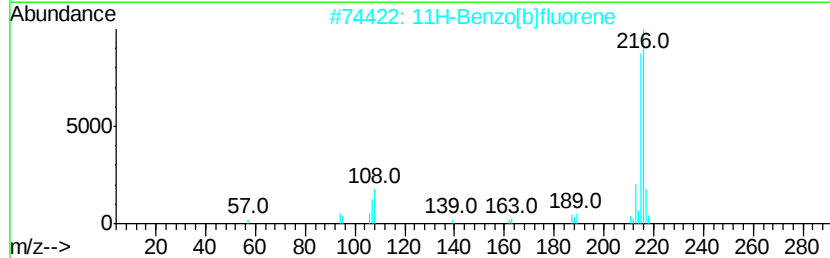
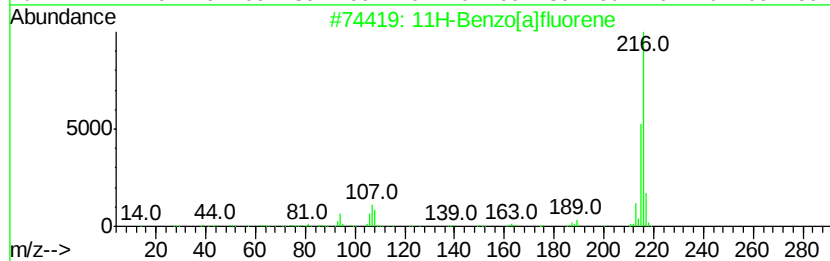
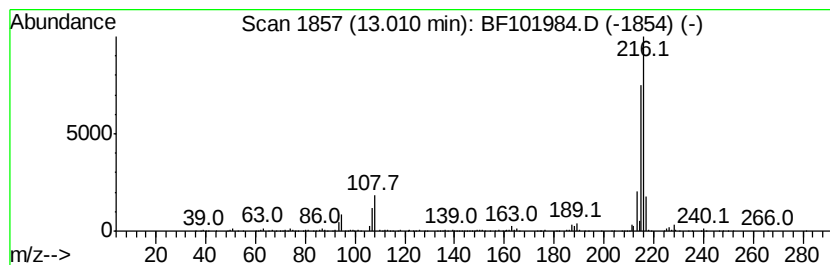
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ClientSampleId :
WC-9871-01

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 13 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.01	5.03 ng	721328	Chrysene-d12	13.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
Operator : SJ/JU
Sample : J1076-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

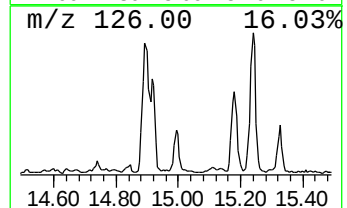
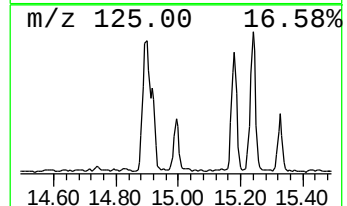
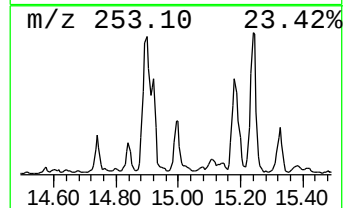
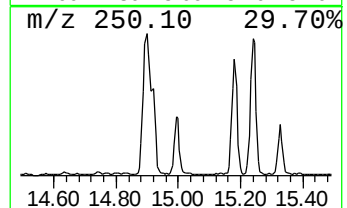
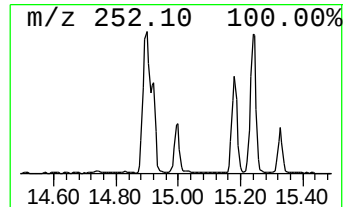
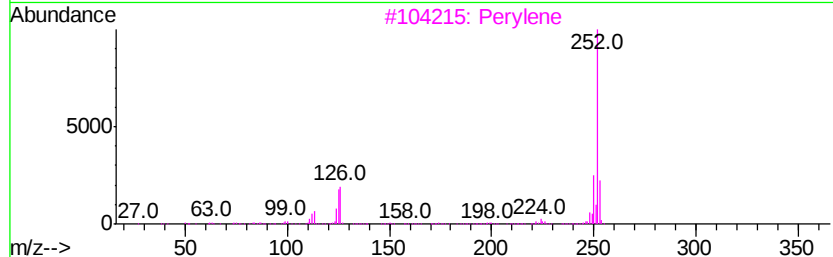
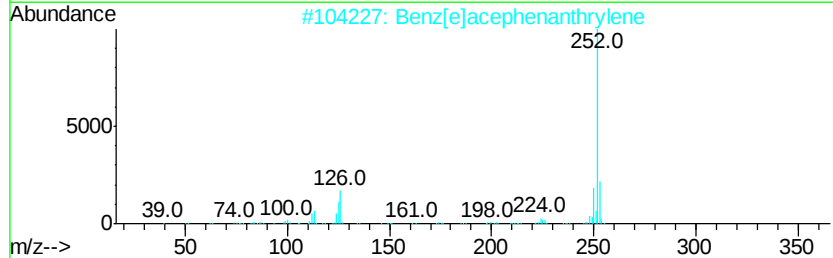
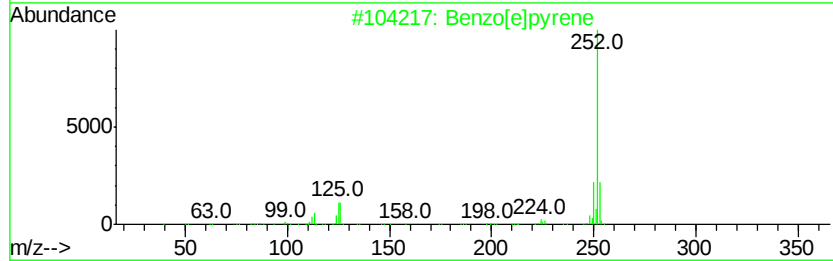
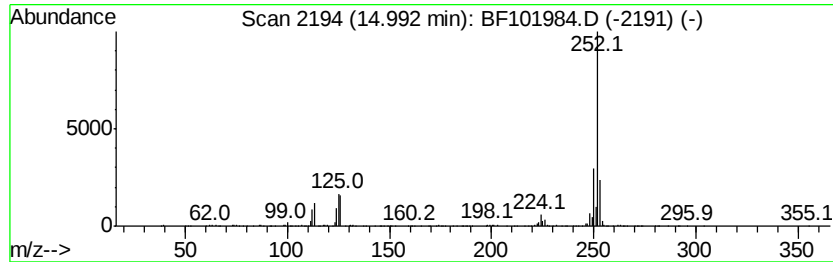
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.57 ng	444717	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
Operator : SJ/JU
Sample : J1076-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

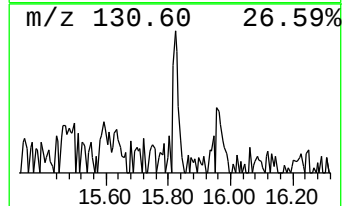
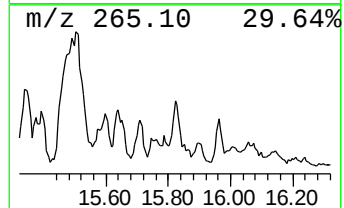
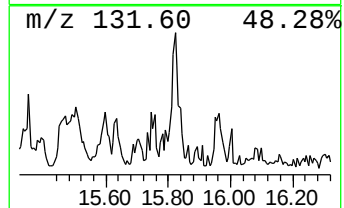
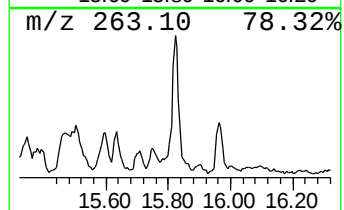
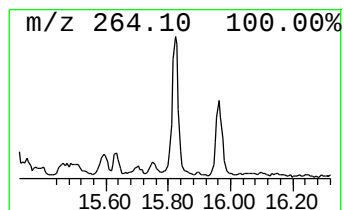
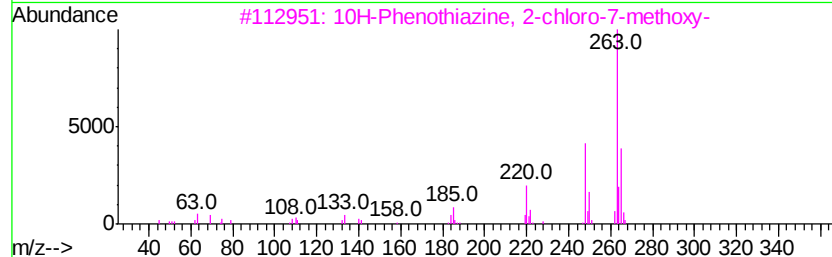
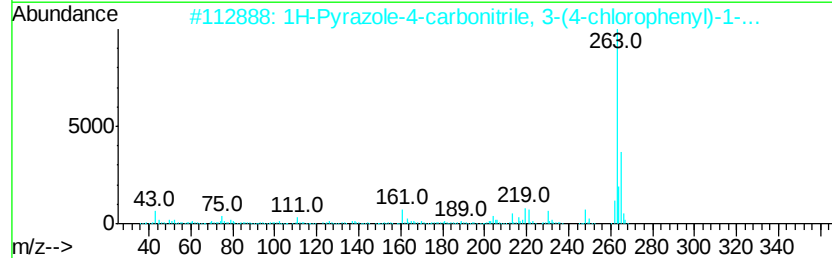
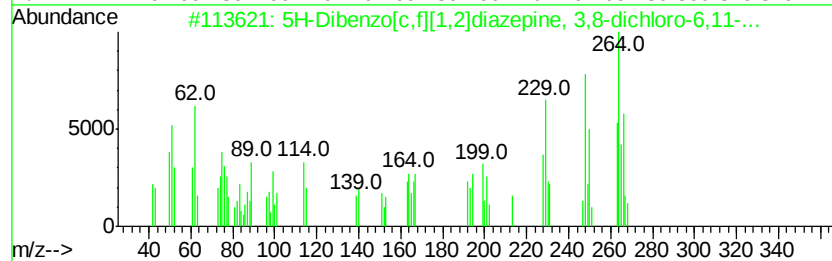
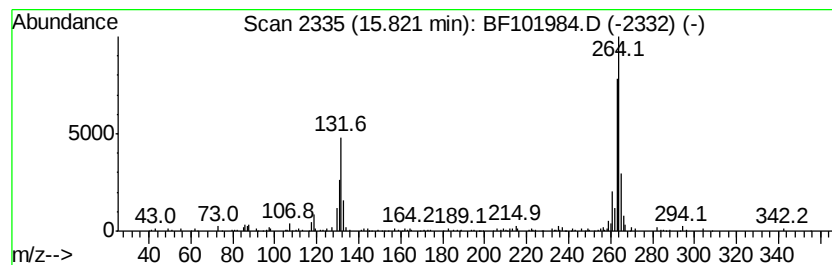
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.82 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.96 ng	257515	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38		
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	27		
3	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	27		
4	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	16		
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	16		



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
Operator : SJ/JU
Sample : J1076-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

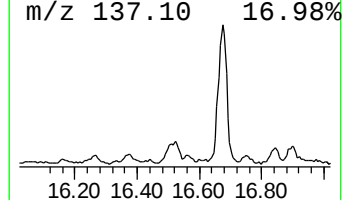
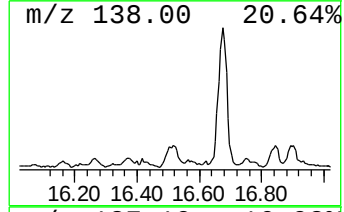
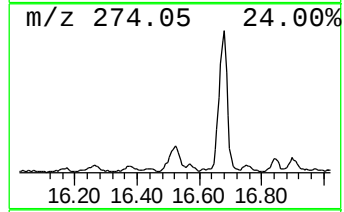
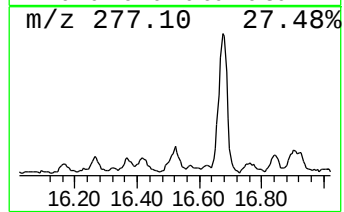
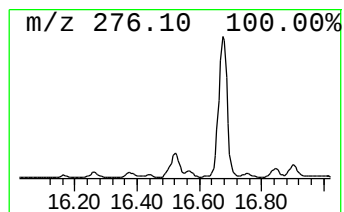
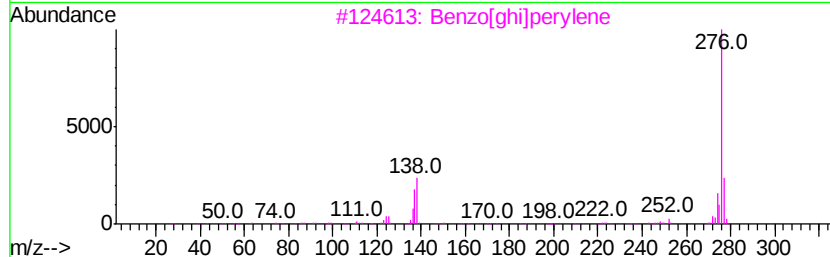
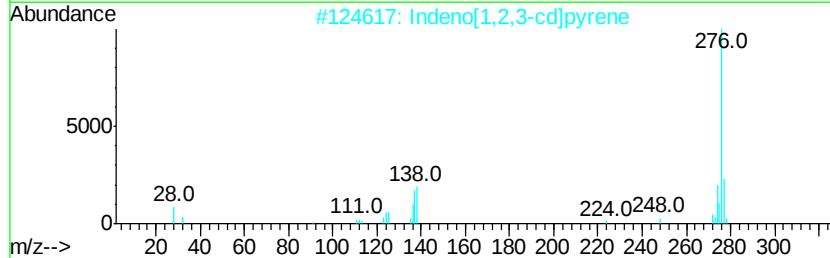
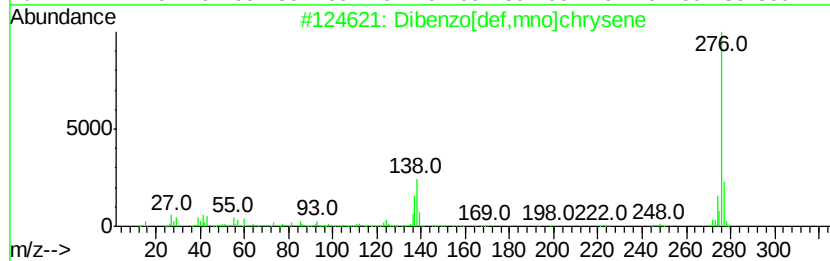
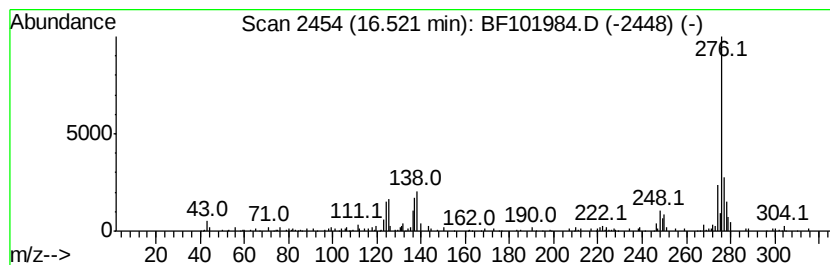
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.07 ng	262947	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	76
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	70
5		2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101984.D
Acq On : 10 Jan 2018 17:42
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

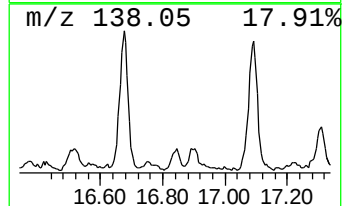
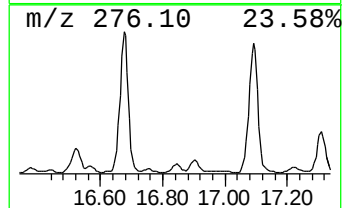
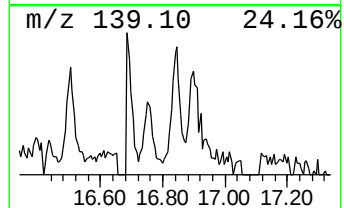
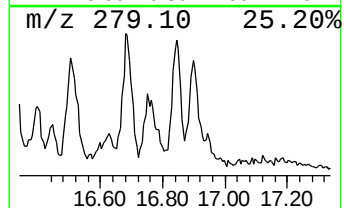
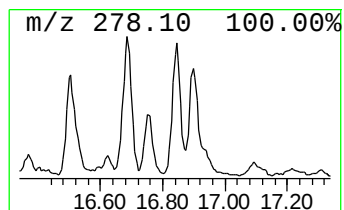
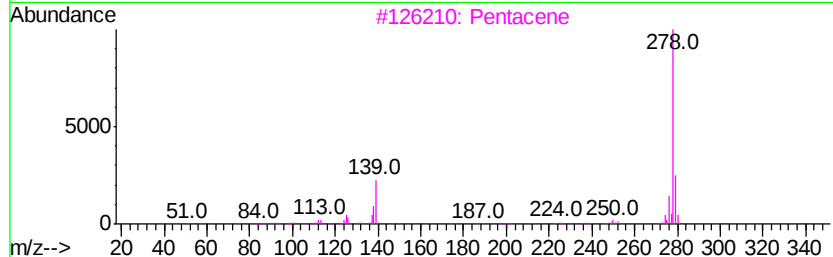
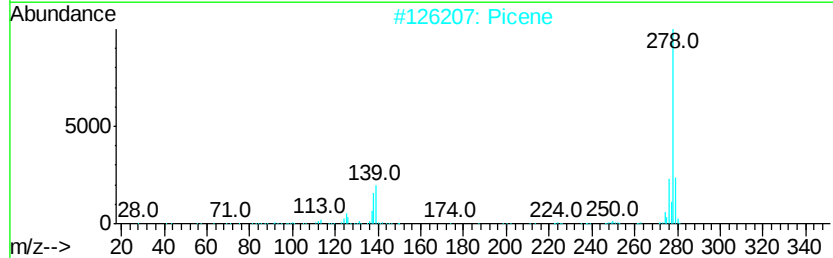
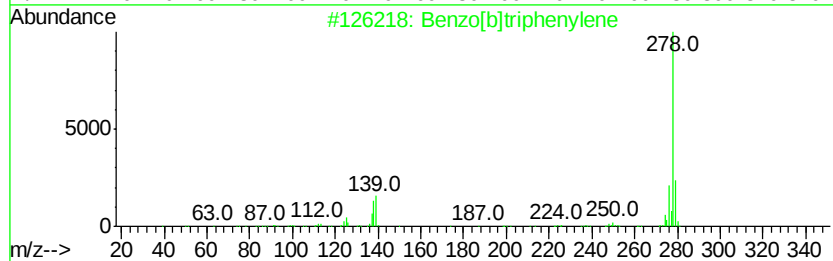
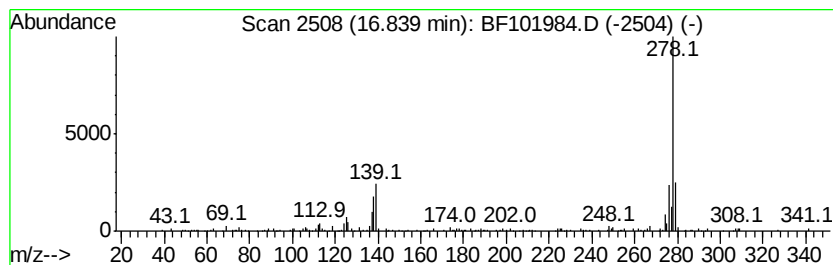
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	4.79 ng	248536	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Picene	278	C22H14	000213-46-7	94
3		Pentacene	278	C22H14	000135-48-8	93
4		Benzo[b]chrysene	278	C22H14	000214-17-5	91
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
 Data File : BF101984.D
 Acq On : 10 Jan 2018 17:42
 Operator : SJ/JU
 Sample : J1076-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

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
Naphthalene, 1-me...	8.82	3.9 ng		372025	2	8.01	1894600	20.0
9H-Fluorene, 2-me...	10.85	4.6 ng		360415	4	11.25	1573890	20.0
Naphtho[1,2-b]thi...	11.14	4.4 ng		347842	4	11.25	1573890	20.0
Phenanthrene, 2-m...	11.75	8.3 ng		654893	4	11.25	1573890	20.0
4H-Cyclopenta[def...	11.86	16.3 ng		1279910	4	11.25	1573890	20.0
Naphthalene, 2-ph...	12.04	5.1 ng		404534	4	11.25	1573890	20.0
Phenanthrene, 2,5...	12.29	7.3 ng		578116	4	11.25	1573890	20.0
unknown12.33	12.33	5.0 ng		396501	4	11.25	1573890	20.0
Cyclopenta(def)ph...	12.37	4.7 ng		369373	4	11.25	1573890	20.0
11H-Benzo[a]fluorene	13.01	5.0 ng		721328	5	13.88	2865560	20.0
Benzo[e]pyrene	14.99	8.6 ng		444717	6	15.30	1037900	20.0
unknown15.82	15.82	5.0 ng		257515	6	15.30	1037900	20.0
Dibenzo[def,mno]c...	16.52	5.1 ng		262947	6	15.30	1037900	20.0
Benzo[b]triphenylene	16.84	4.8 ng		248536	6	15.30	1037900	20.0