

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102471.D
 Acq On : 26 Jan 2018 16:27
 Operator : SJ/JU
 Sample : J1020-11 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-012418-B

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-BF012218.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	5.334	548	552	568	rBV	1786392	2004802	35.54%	2.921%
2	6.363	723	727	743	rBV	2097510	2323961	41.20%	3.386%
3	6.492	745	749	755	rVB	2399315	2009175	35.62%	2.928%
4	6.722	784	788	795	rBV	1188138	1001422	17.75%	1.459%
5	6.875	810	814	823	rBV	1830126	1537959	27.26%	2.241%
6	7.287	880	884	887	rBV	1036635	939136	16.65%	1.368%
7	8.004	1003	1006	1008	rBV	1516803	1199271	21.26%	1.748%
8	8.028	1008	1010	1014	rVB	382560	310263	5.50%	0.452%
9	8.716	1124	1127	1134	rBV	288359	248050	4.40%	0.361%
10	8.816	1140	1144	1152	rVB	283479	263089	4.66%	0.383%
11	9.081	1185	1189	1194	rBV	2286998	1930910	34.23%	2.814%
12	9.157	1199	1202	1204	rVV	109349	92105	1.63%	0.134%
13	9.181	1204	1206	1211	rVB	118235	101008	1.79%	0.147%
14	9.275	1220	1222	1227	rVB	74301	81278	1.44%	0.118%
15	9.345	1230	1234	1238	rBV	164186	214161	3.80%	0.312%
16	9.416	1243	1246	1249	rVV	274431	284090	5.04%	0.414%
17	9.445	1249	1251	1253	rVV	177010	157764	2.80%	0.230%
18	9.475	1253	1256	1263	rVV	366872	347802	6.17%	0.507%
19	9.533	1263	1266	1275	rVB	157231	195578	3.47%	0.285%
20	9.622	1277	1281	1284	rBV	274067	255196	4.52%	0.372%
21	9.686	1289	1292	1295	rVB	144994	109865	1.95%	0.160%
22	9.757	1295	1304	1307	rBV2	1361335	1352964	23.98%	1.972%
23	9.792	1307	1310	1314	rVB	983801	811190	14.38%	1.182%
24	9.863	1319	1322	1326	rVB2	69260	84685	1.50%	0.123%
25	9.916	1326	1331	1333	rBV2	71437	90554	1.61%	0.132%
26	9.963	1334	1339	1343	rVV	723297	648091	11.49%	0.944%
27	9.998	1343	1345	1350	rVB2	119538	120814	2.14%	0.176%
28	10.075	1354	1358	1361	rBV2	103361	111701	1.98%	0.163%
29	10.163	1369	1373	1375	rBV2	69488	97541	1.73%	0.142%
30	10.186	1375	1377	1379	rVB	179626	138527	2.46%	0.202%
31	10.304	1394	1397	1403	rVB	1297034	1265908	22.44%	1.845%
32	10.392	1410	1412	1414	rVV	116949	91206	1.62%	0.133%
33	10.463	1421	1424	1427	rVB	214861	184135	3.26%	0.268%
34	10.551	1435	1439	1444	rBV	882292	892120	15.82%	1.300%

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35	10.657	1454	1457	1458	rBV	151567	132386	2.35%	0.193%
36	10.739	1466	1471	1474	rBV6	48537	89887	1.59%	0.131%
37	10.851	1486	1490	1493	rBV2	206338	250497	4.44%	0.365%
38	10.880	1493	1495	1498	rVV2	120404	106637	1.89%	0.155%
39	10.939	1502	1505	1507	rVB2	110864	101160	1.79%	0.147%
40	10.980	1507	1512	1514	rBV3	106050	132013	2.34%	0.192%
41	11.004	1514	1516	1522	rVV2	107884	126021	2.23%	0.184%
42	11.051	1522	1524	1527	rVV3	77340	76434	1.35%	0.111%
43	11.104	1528	1533	1535	rVV2	140642	175776	3.12%	0.256%
44	11.139	1535	1539	1547	rVB	457671	469008	8.31%	0.683%
45	11.245	1553	1557	1559	rBV	954924	999521	17.72%	1.456%
46	11.280	1559	1563	1566	rVV	4713360	4896412	86.80%	7.135%
47	11.327	1567	1571	1574	rVV	2067276	1917137	33.99%	2.794%
48	11.357	1574	1576	1579	rVV	122038	151487	2.69%	0.221%
49	11.404	1582	1584	1590	rVV	67212	99088	1.76%	0.144%
50	11.480	1593	1597	1603	rVV	524722	550229	9.75%	0.802%
51	11.539	1603	1607	1611	rVV3	175012	234669	4.16%	0.342%
52	11.574	1611	1613	1618	rVV2	117174	158858	2.82%	0.231%
53	11.633	1620	1623	1625	rVV	284989	239475	4.25%	0.349%
54	11.657	1625	1627	1632	rVB	77026	88842	1.57%	0.129%
55	11.745	1639	1642	1645	rBV	541827	520768	9.23%	0.759%
56	11.774	1645	1647	1651	rVB	724103	606958	10.76%	0.884%
57	11.822	1652	1655	1658	rBV	300875	268087	4.75%	0.391%
58	11.863	1658	1662	1664	rBV	1234556	1248343	22.13%	1.819%
59	11.933	1671	1674	1677	rBV4	71687	105278	1.87%	0.153%
60	12.045	1690	1693	1696	rBV	382116	342507	6.07%	0.499%
61	12.074	1696	1698	1703	rVB	124199	102527	1.82%	0.149%
62	12.192	1715	1718	1720	rVB	105056	77382	1.37%	0.113%
63	12.222	1720	1723	1725	rBV	131439	98882	1.75%	0.144%
64	12.245	1725	1727	1731	rVB	83969	80806	1.43%	0.118%
65	12.298	1732	1736	1738	rBV	273910	332135	5.89%	0.484%
66	12.322	1738	1740	1742	rVV	764370	738478	13.09%	1.076%
67	12.339	1742	1743	1748	rVV3	655691	539759	9.57%	0.787%
68	12.392	1748	1752	1756	rVB3	155427	189735	3.36%	0.276%
69	12.427	1756	1758	1760	rVB	113809	79721	1.41%	0.116%
70	12.474	1760	1766	1769	rBV	4449145	5228702	92.69%	7.619%
71	12.527	1773	1775	1777	rVB2	103203	79068	1.40%	0.115%

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72	12.557	1777	1780	1783	rVB	103643	102798	1.82%	0.150%
73	12.610	1786	1789	1792	rBV	249419	224621	3.98%	0.327%
74	12.704	1797	1805	1809	rBV2	3978028	5640943	100.00%	8.220%
75	12.739	1809	1811	1816	rVB2	218010	217554	3.86%	0.317%
76	12.827	1820	1826	1829	rBV2	1348981	1585432	28.11%	2.310%
77	12.910	1835	1840	1843	rBV3	275911	470252	8.34%	0.685%
78	12.945	1843	1846	1848	rVV	117366	113032	2.00%	0.165%
79	12.998	1851	1855	1856	rVV3	257830	327159	5.80%	0.477%
80	13.021	1856	1859	1862	rVB	829204	756476	13.41%	1.102%
81	13.086	1867	1870	1873	rVV	851609	736667	13.06%	1.073%
82	13.121	1873	1876	1879	rVV2	402430	431074	7.64%	0.628%
83	13.180	1883	1886	1889	rBV3	82146	81540	1.45%	0.119%
84	13.216	1889	1892	1894	rBV2	223502	194610	3.45%	0.284%
85	13.245	1894	1897	1900	rBV	248870	233673	4.14%	0.341%
86	13.639	1961	1964	1966	rBV	397015	366744	6.50%	0.534%
87	13.663	1966	1968	1970	rVV	341579	268817	4.77%	0.392%
88	13.692	1970	1973	1977	rVV2	315923	377905	6.70%	0.551%
89	13.886	1999	2006	2010	rBV2	2369659	3958510	70.17%	5.768%
90	13.921	2010	2012	2015	rVB	1999598	1622703	28.77%	2.365%
91	13.998	2022	2025	2028	rVB	686928	485949	8.61%	0.708%
92	14.039	2030	2032	2037	rBV4	203151	222252	3.94%	0.324%
93	14.421	2095	2097	2100	rVB	271554	218765	3.88%	0.319%
94	14.921	2177	2182	2185	rBV	1305862	2136970	37.88%	3.114%
95	15.021	2196	2199	2202	rVB	304043	307640	5.45%	0.448%
96	15.210	2227	2231	2237	rVB	800335	993407	17.61%	1.448%
97	15.274	2237	2242	2246	rVV	1293612	1515878	26.87%	2.209%
98	15.327	2248	2251	2254	rVV	486357	610952	10.83%	0.890%
99	15.357	2254	2256	2263	rVB	377197	447861	7.94%	0.653%
100	16.739	2487	2491	2501	rVB	437564	844432	14.97%	1.230%

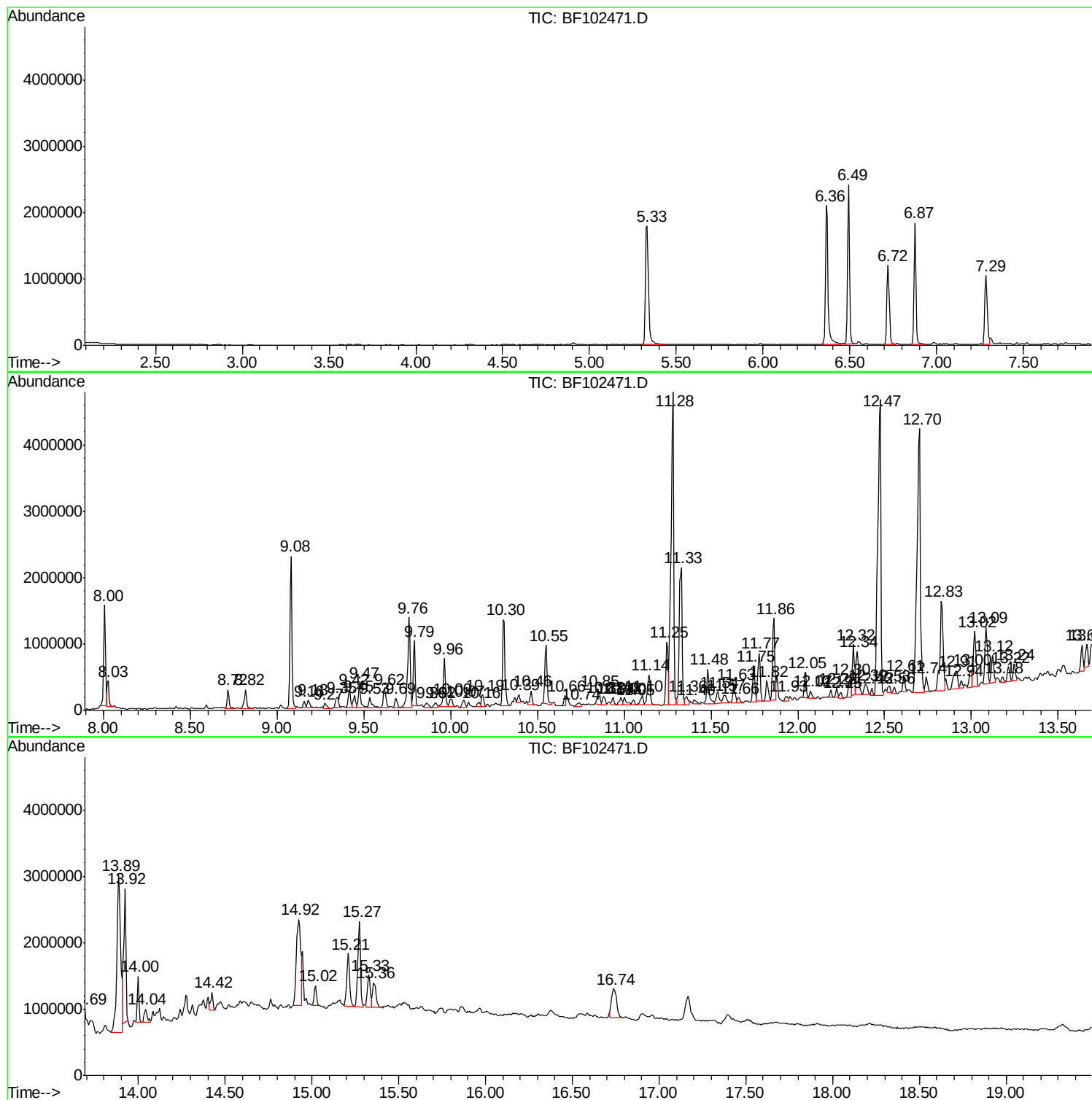
Sum of corrected areas: 68625610

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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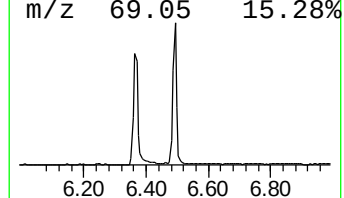
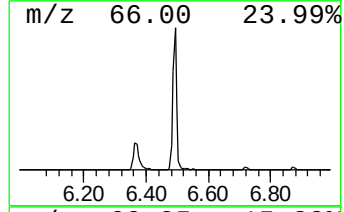
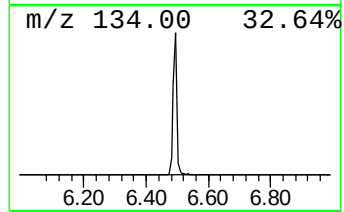
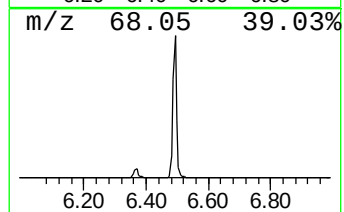
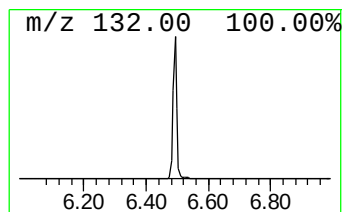
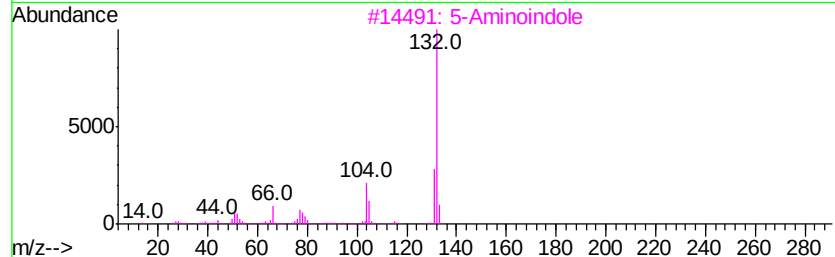
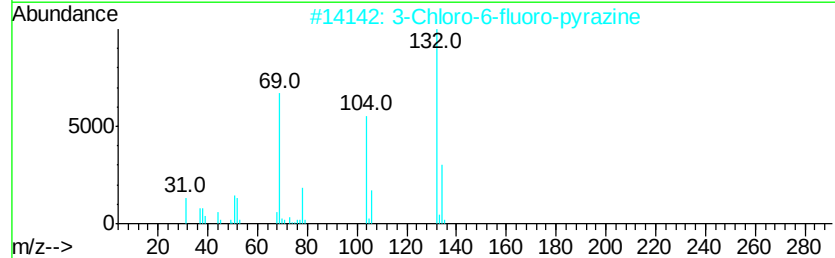
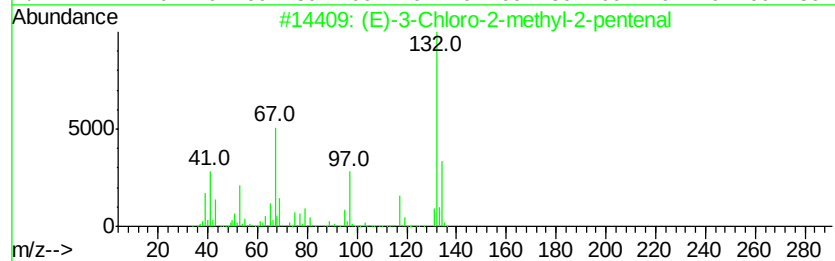
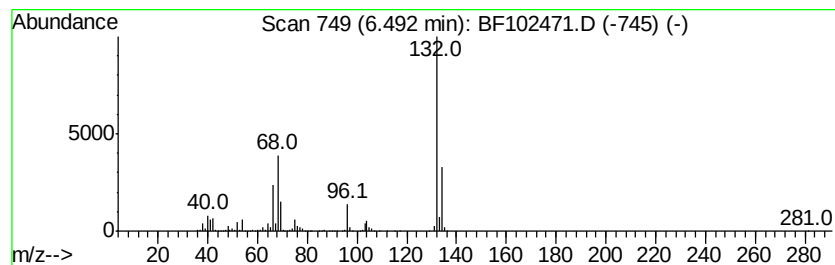
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	40.13 ng	2009180	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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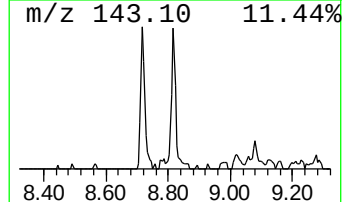
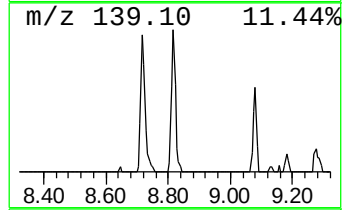
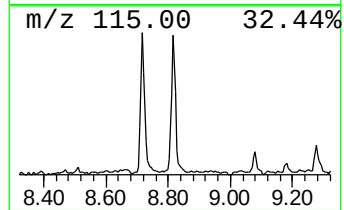
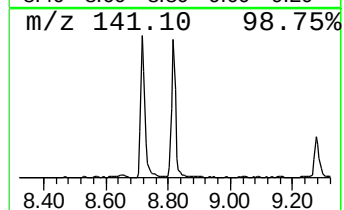
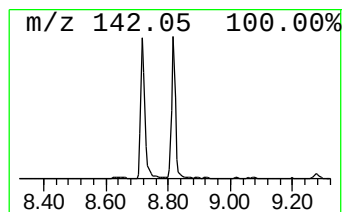
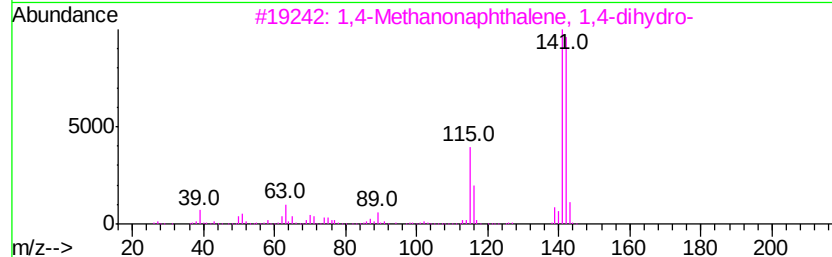
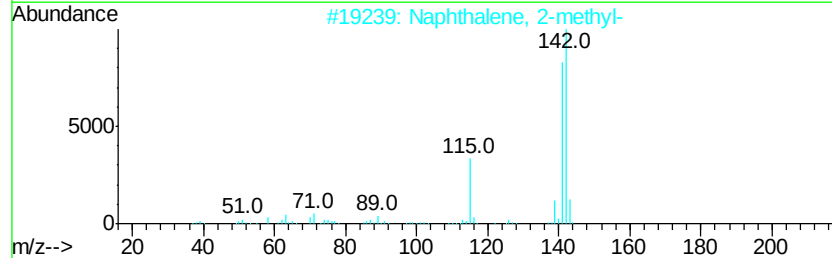
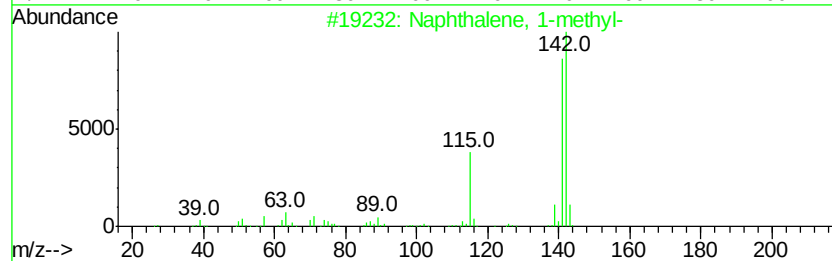
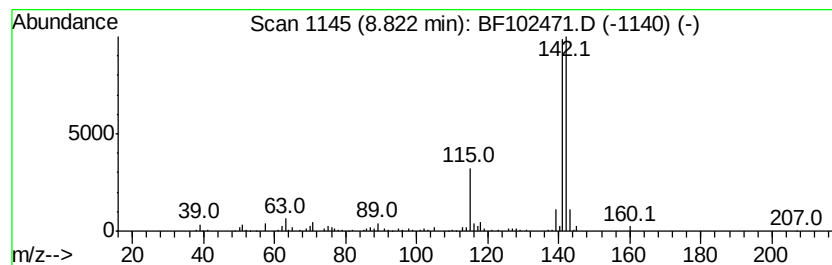
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	4.39 ng	263089	Naphthalene-d8	8.00

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		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	47



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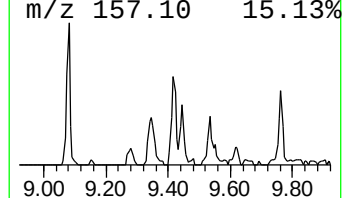
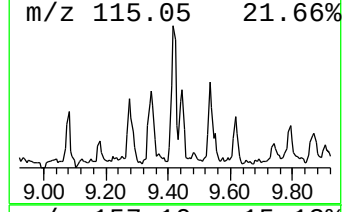
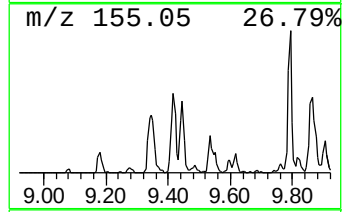
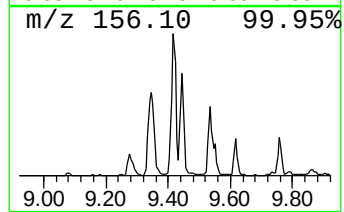
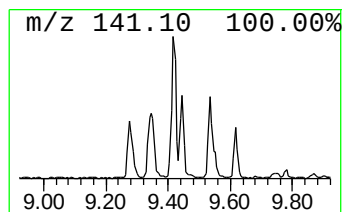
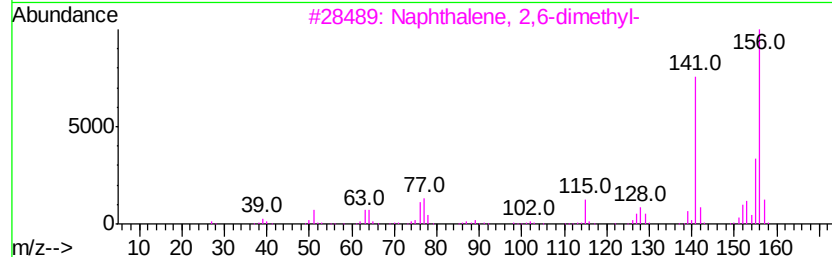
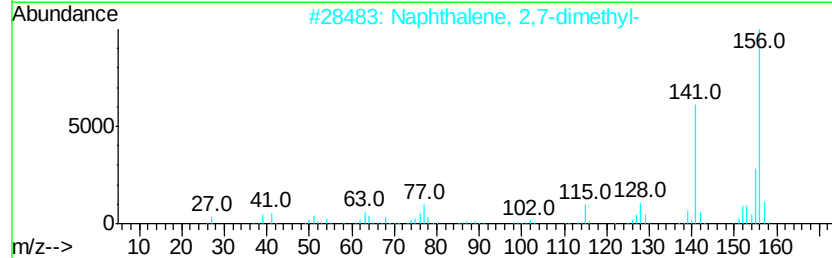
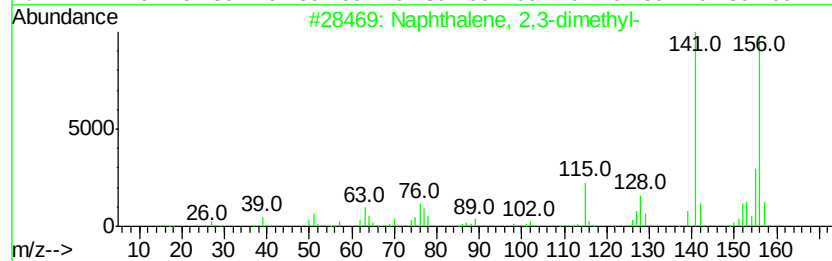
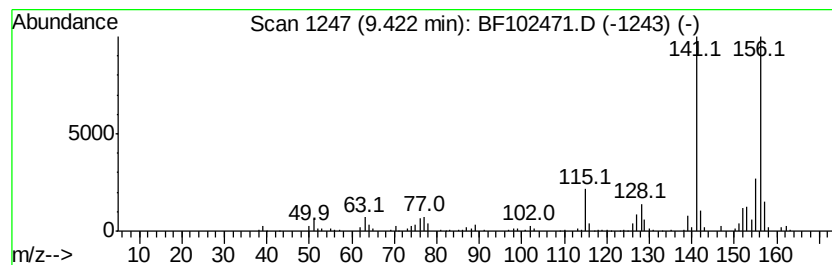
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Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	4.20 ng	284090	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, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Operator : SJ/JU
Sample : J1020-11 2X
Misc :
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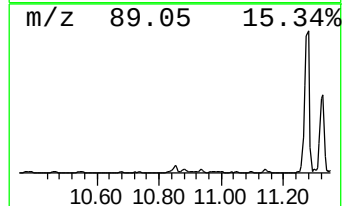
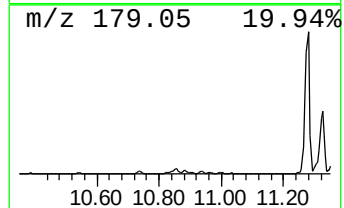
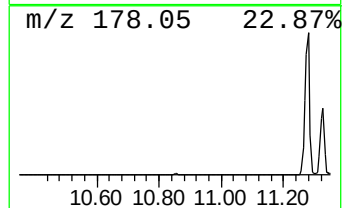
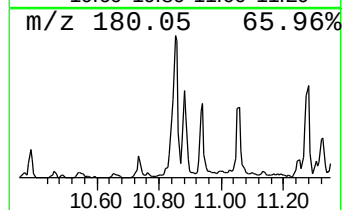
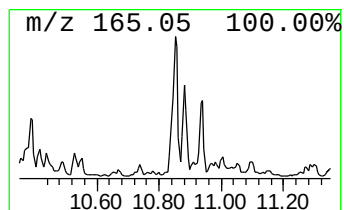
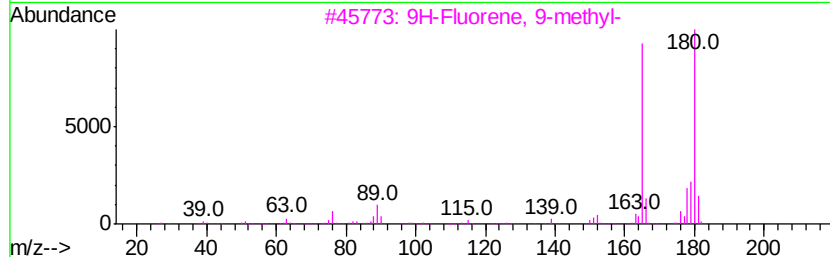
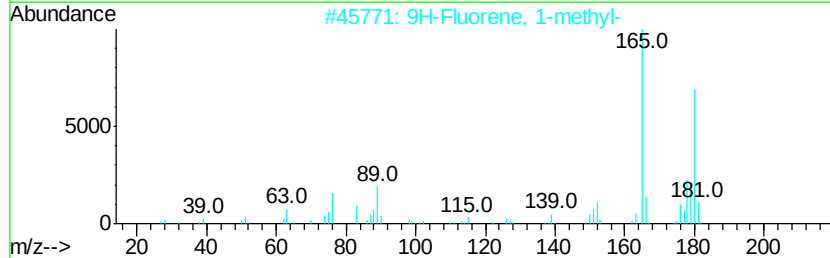
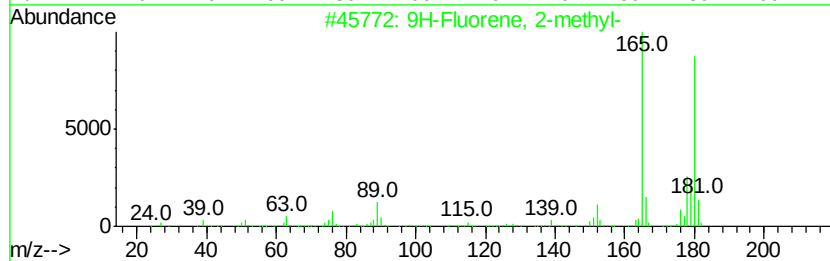
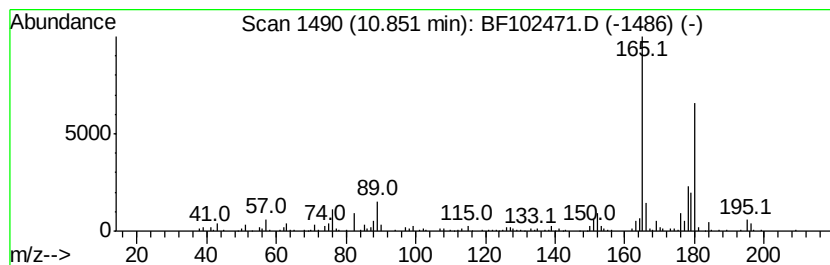
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	5.01 ng	250497	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
Operator : SJ/JU
Sample : J1020-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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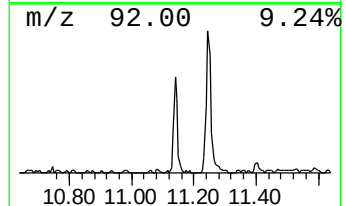
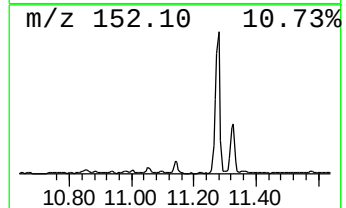
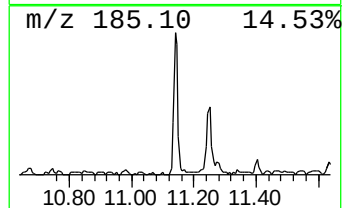
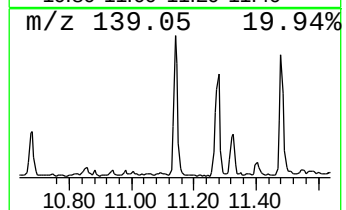
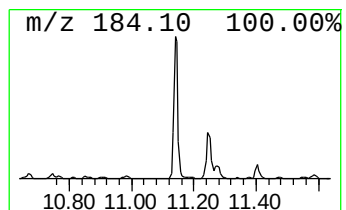
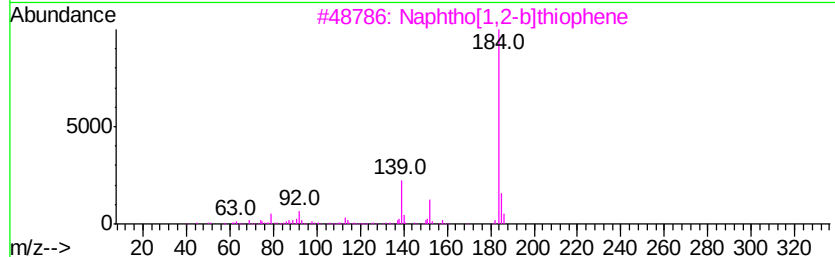
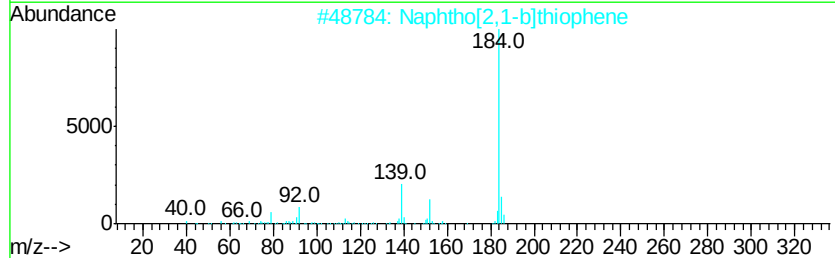
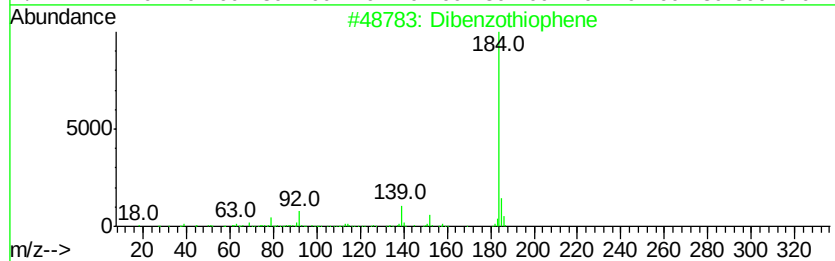
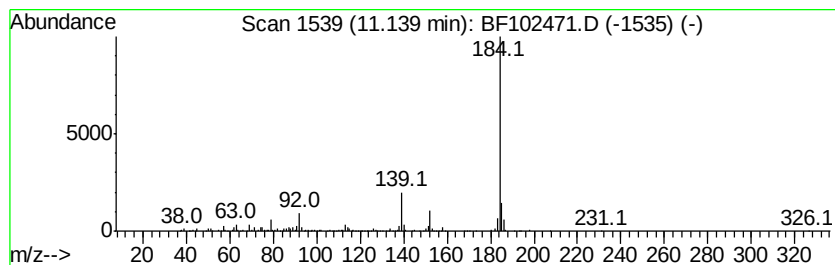
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	9.38 ng	469008	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
Operator : SJ/JU
Sample : J1020-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-012418-B

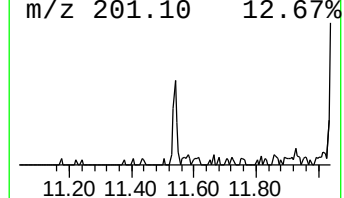
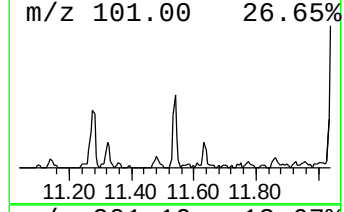
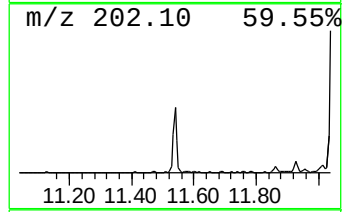
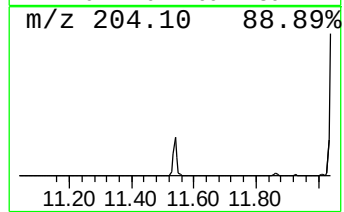
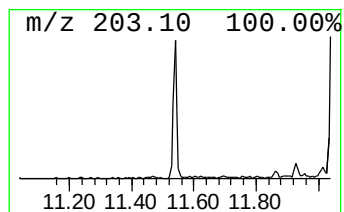
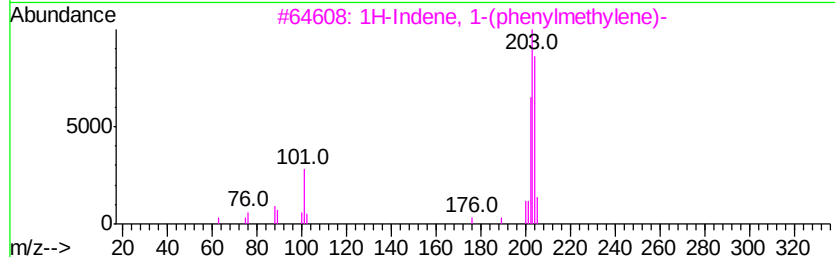
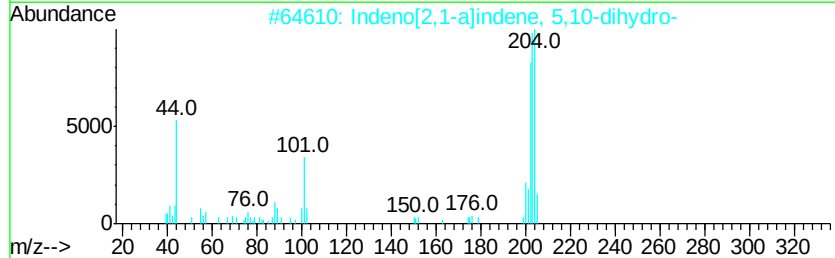
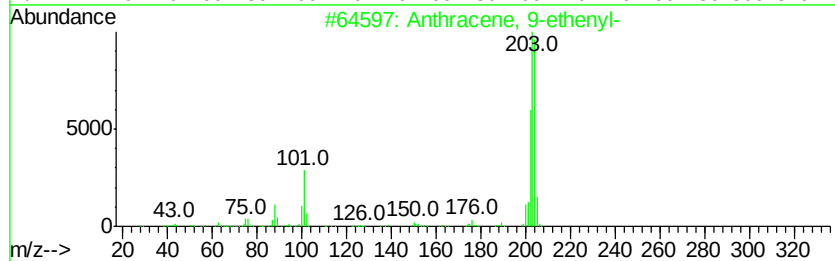
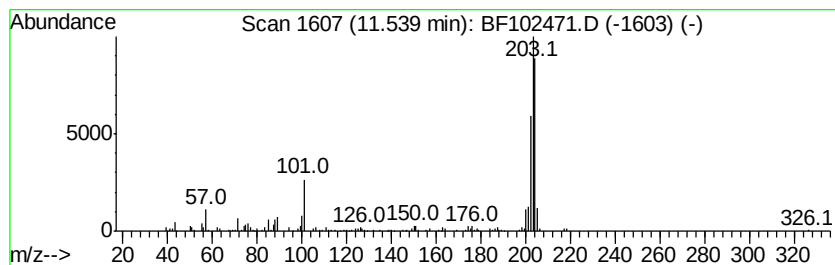
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9-ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.70 ng	234669	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	76
3			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	68
4			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64
5			Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
Operator : SJ/JU
Sample : J1020-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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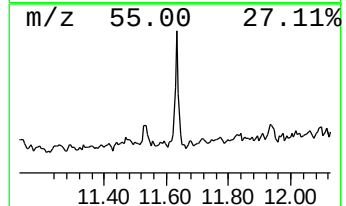
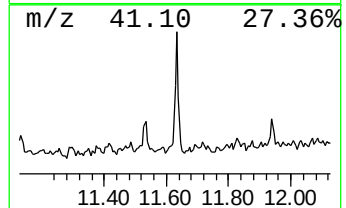
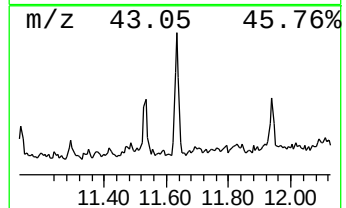
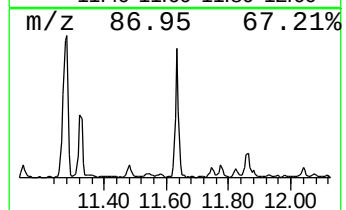
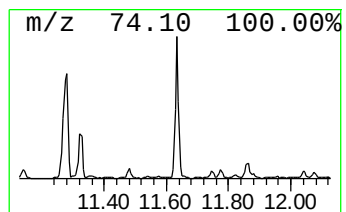
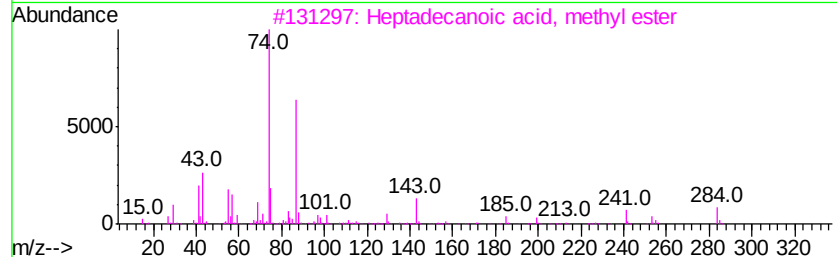
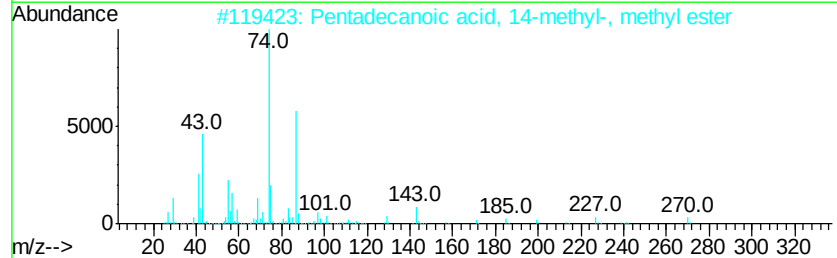
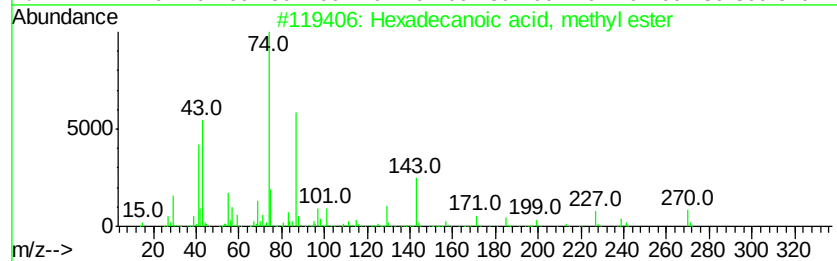
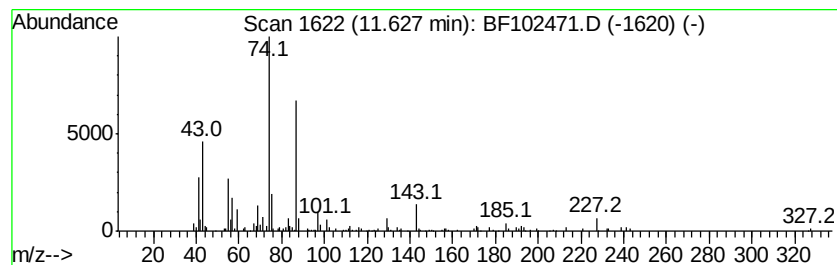
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.79 ng	239475	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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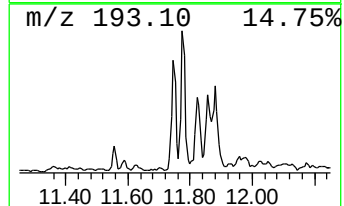
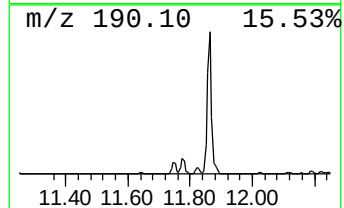
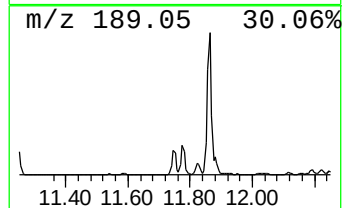
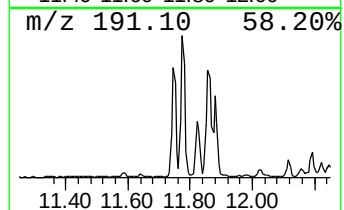
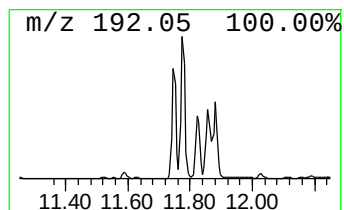
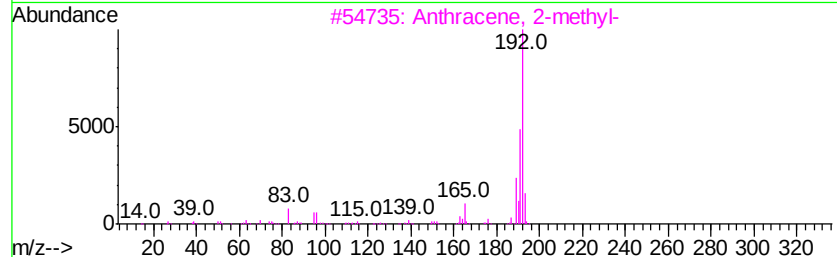
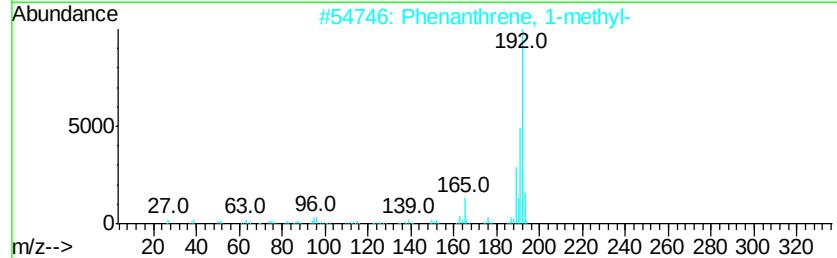
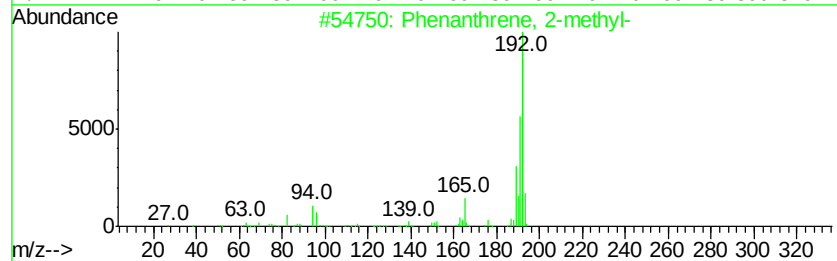
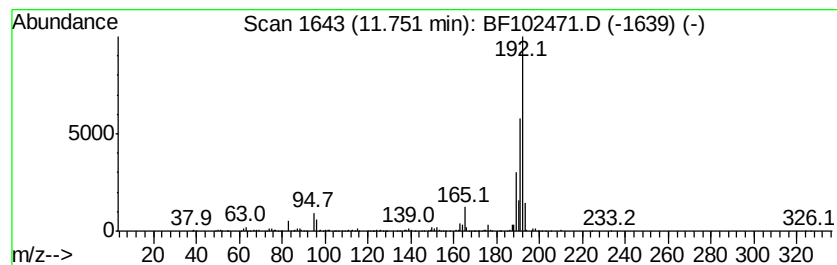
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.75	10.42 ng	520768	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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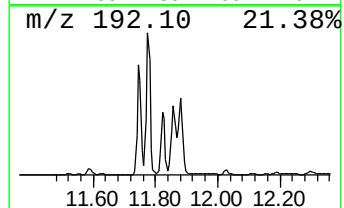
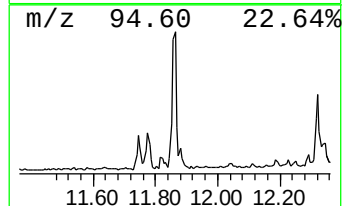
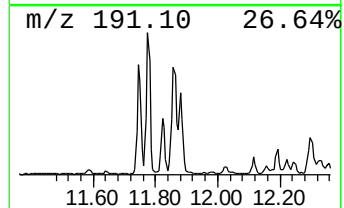
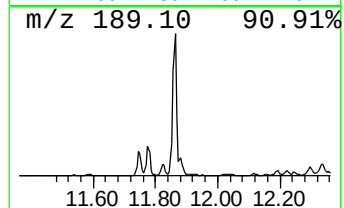
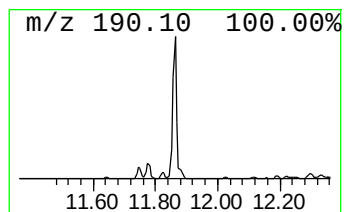
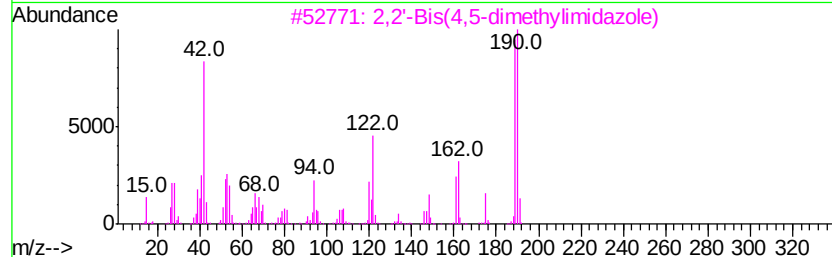
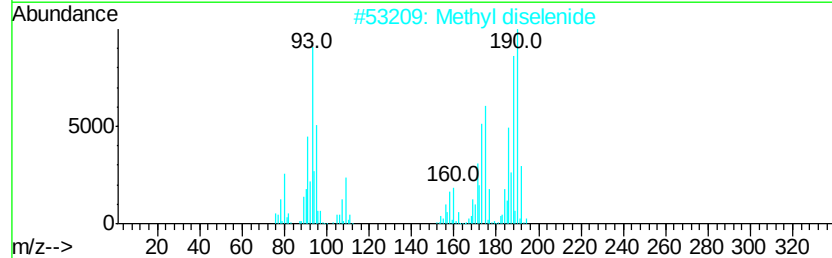
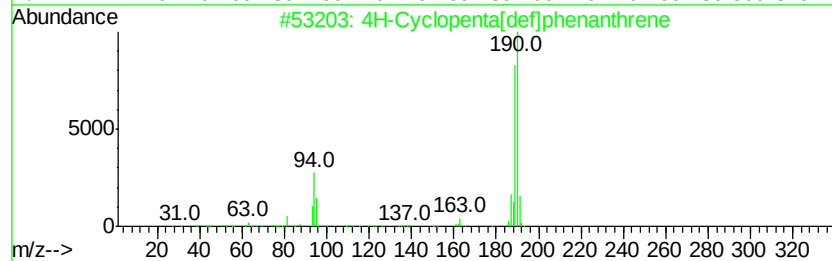
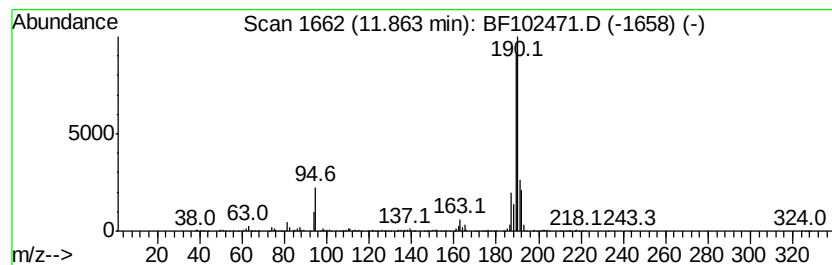
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	24.98 ng	1248340	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	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
Operator : SJ/JU
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ALS Vial : 10 Sample Multiplier: 1

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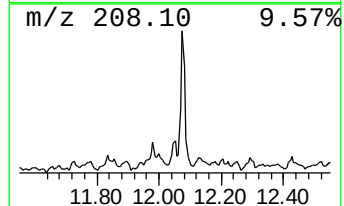
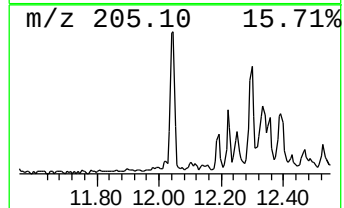
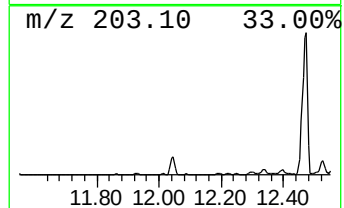
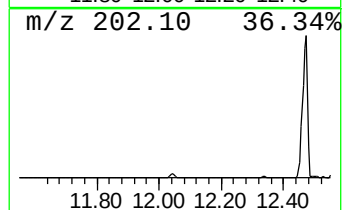
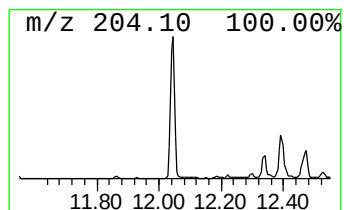
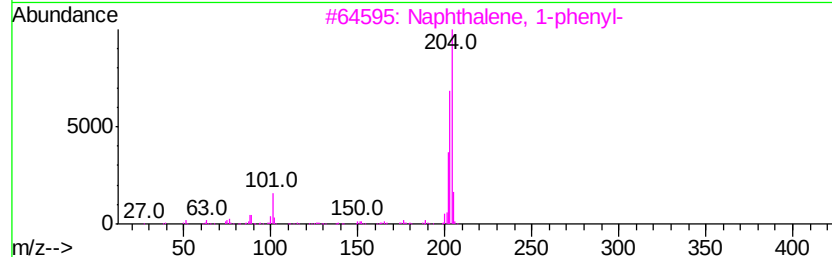
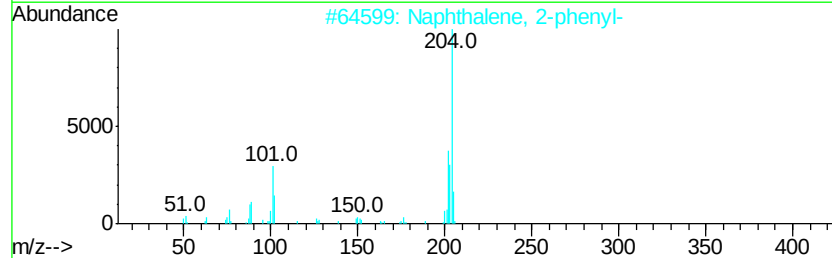
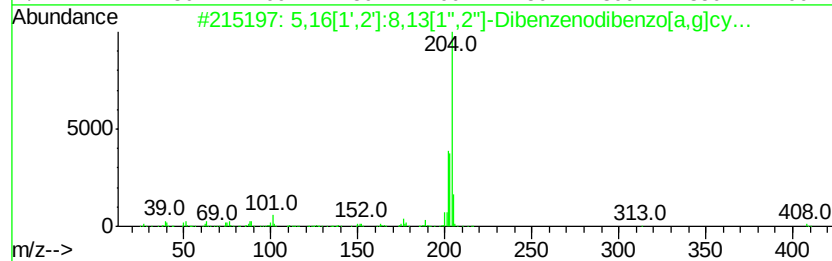
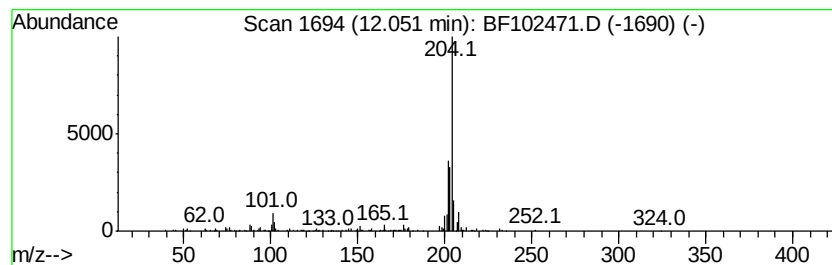
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	6.85 ng	342507	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	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	68
5			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
Operator : SJ/JU
Sample : J1020-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-012418-B

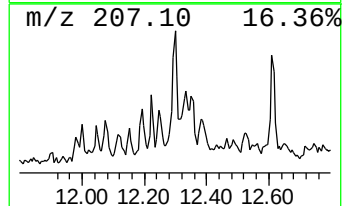
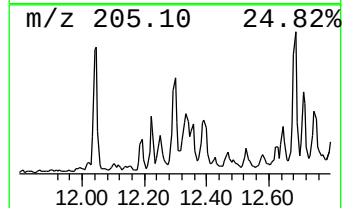
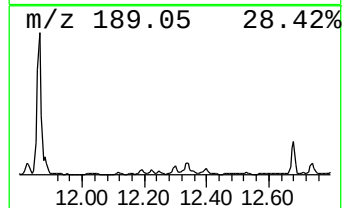
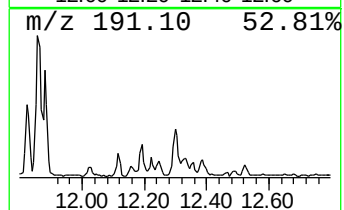
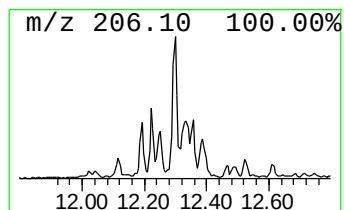
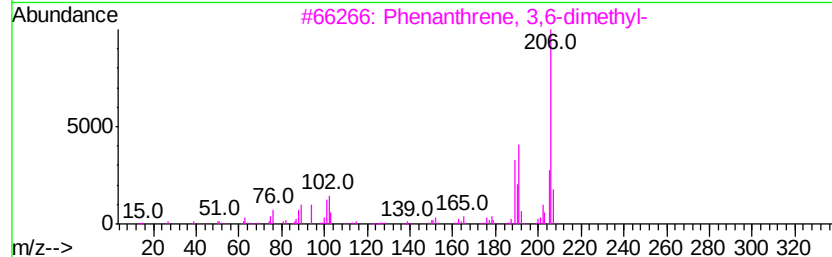
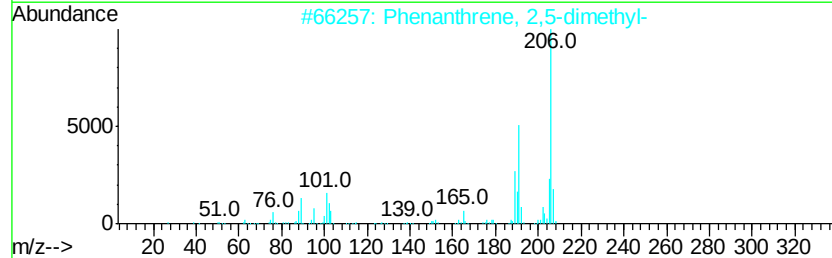
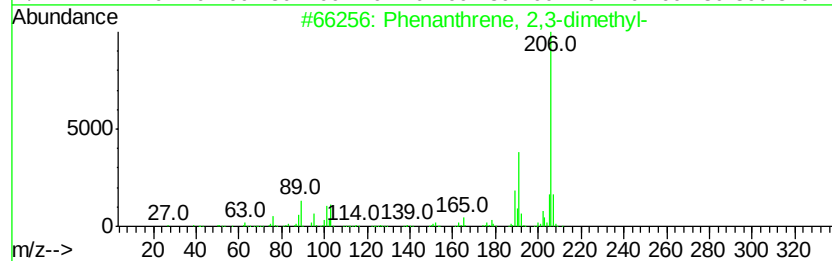
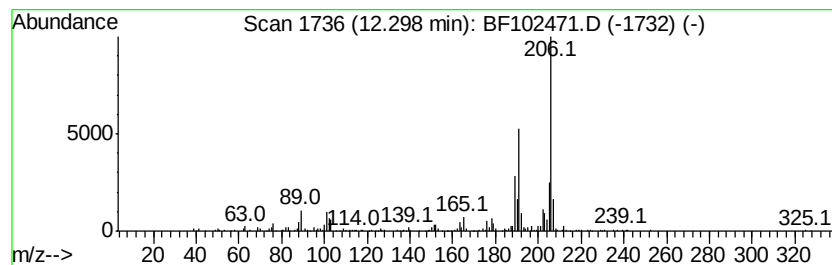
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.65 ng	332135	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91



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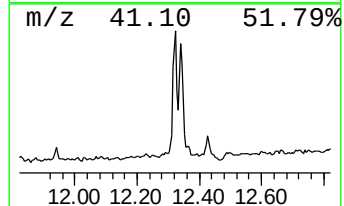
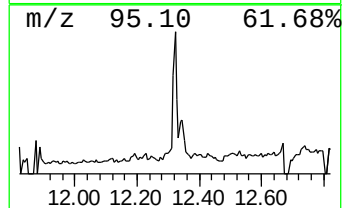
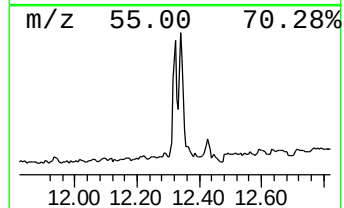
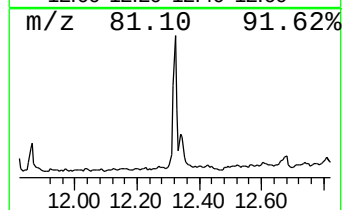
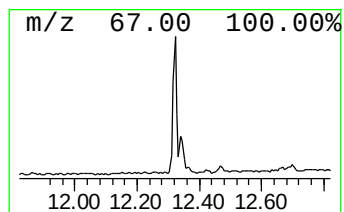
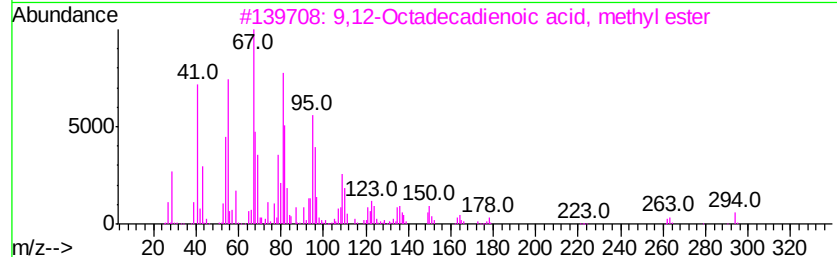
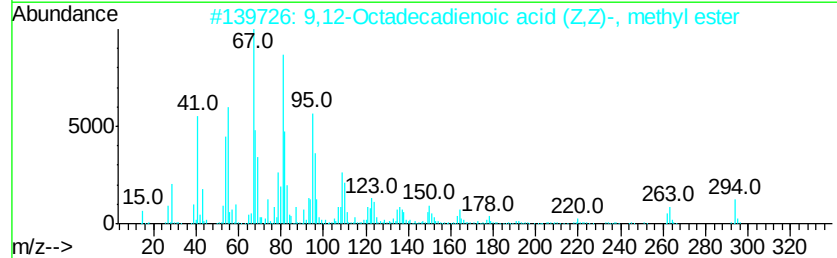
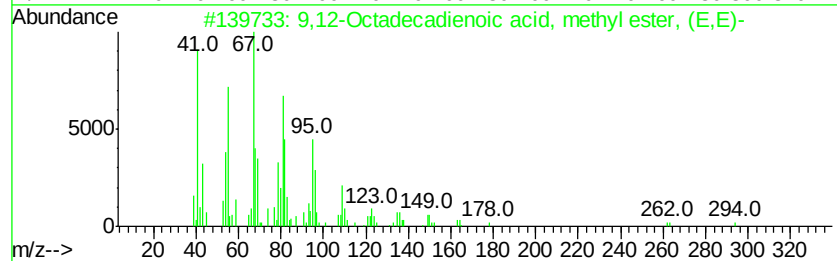
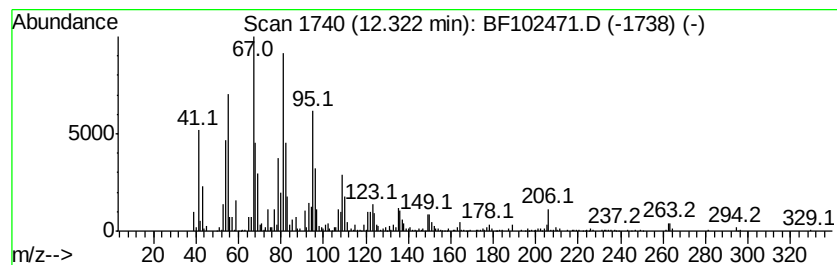
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	14.78 ng	738478	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98



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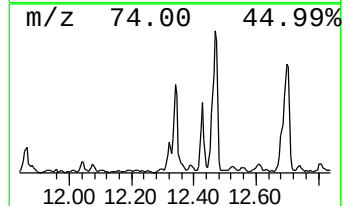
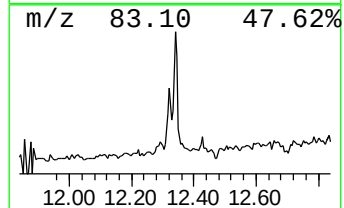
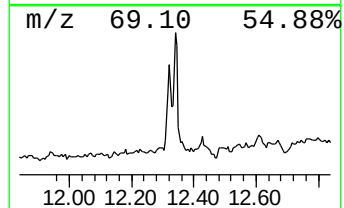
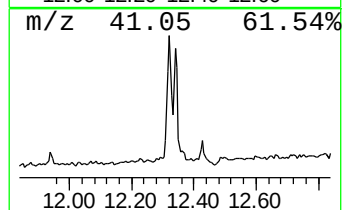
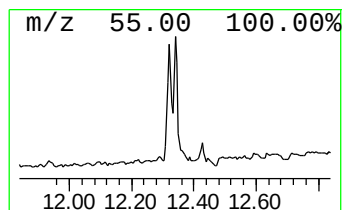
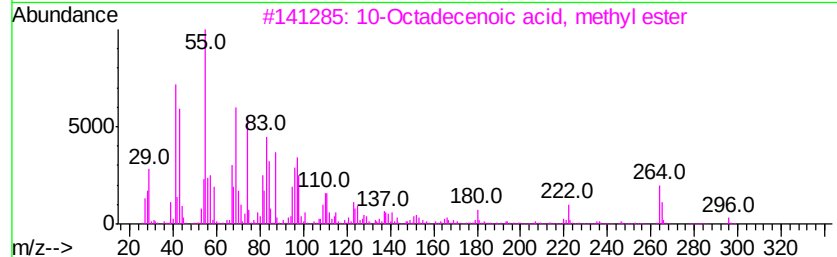
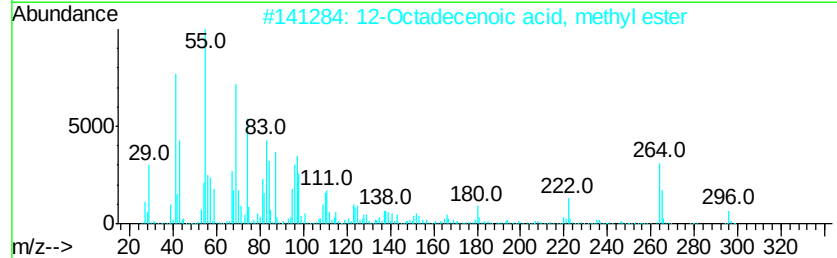
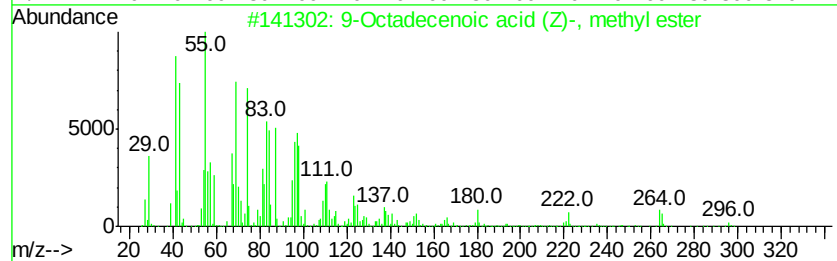
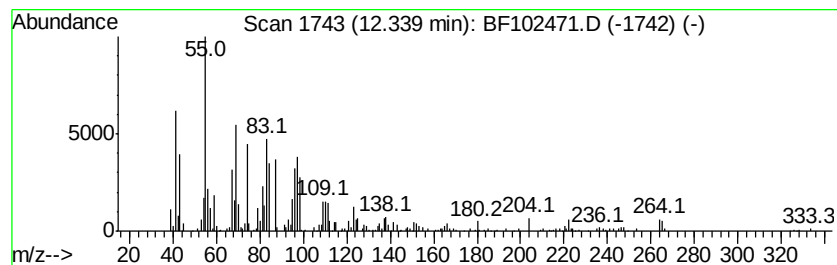
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	10.80 ng	539759	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	91
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102471.D
Acq On : 26 Jan 2018 16:27
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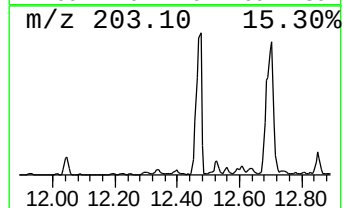
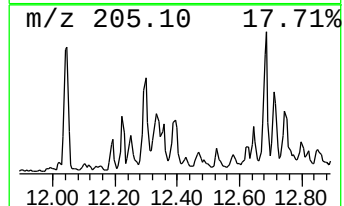
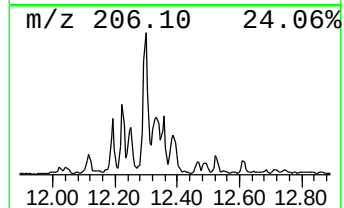
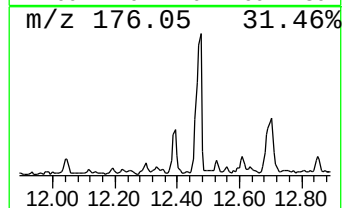
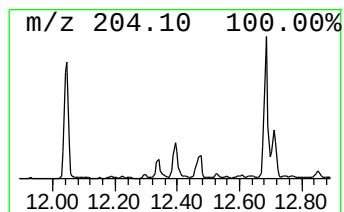
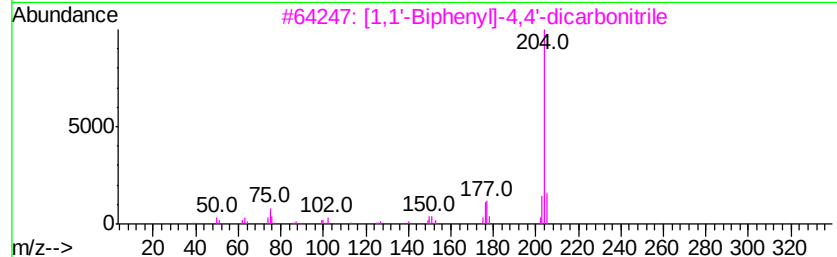
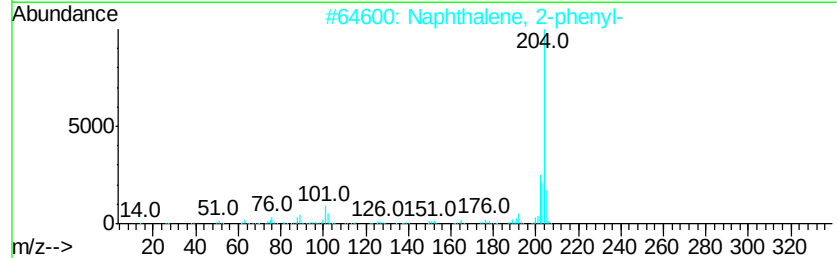
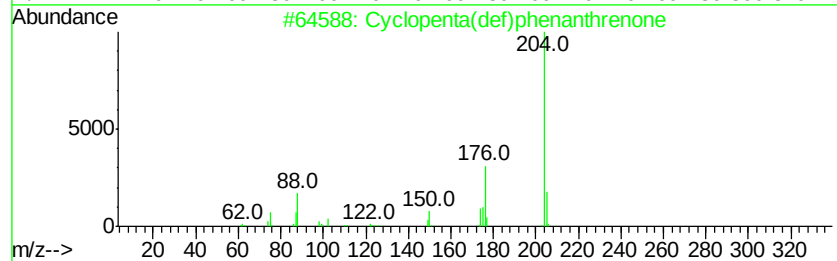
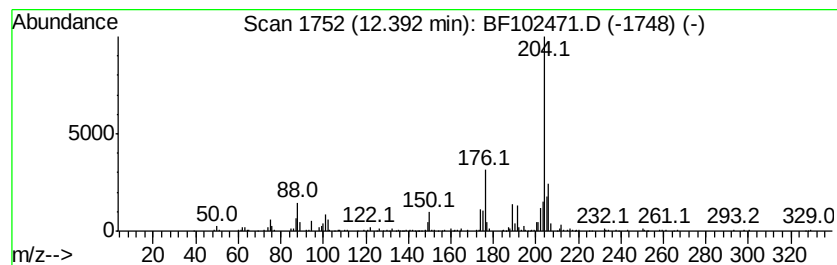
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.80 ng	189735	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4		4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	50
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47



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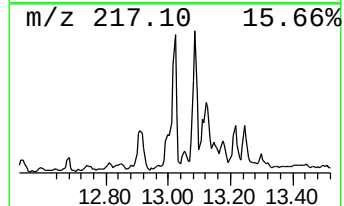
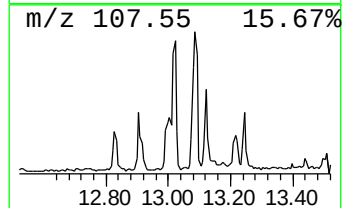
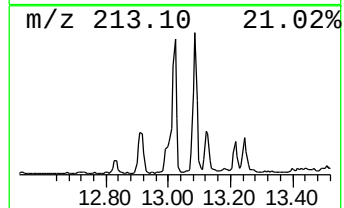
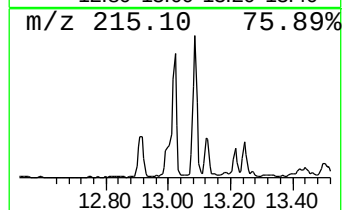
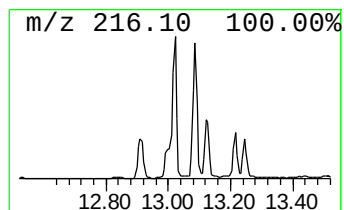
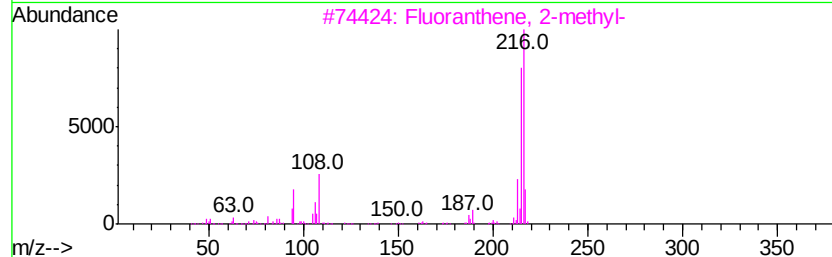
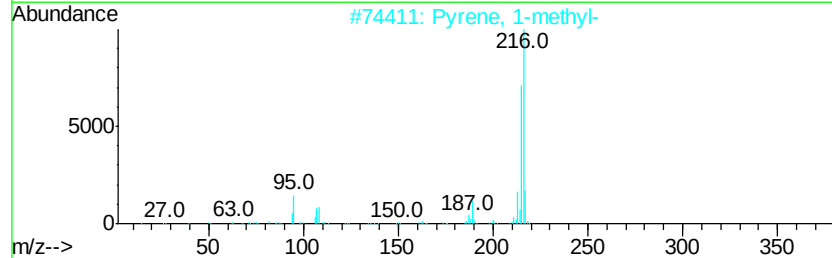
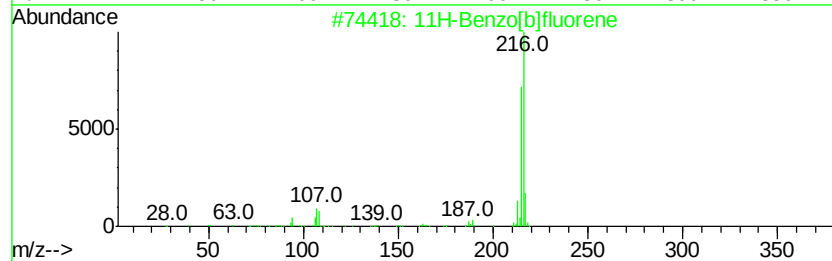
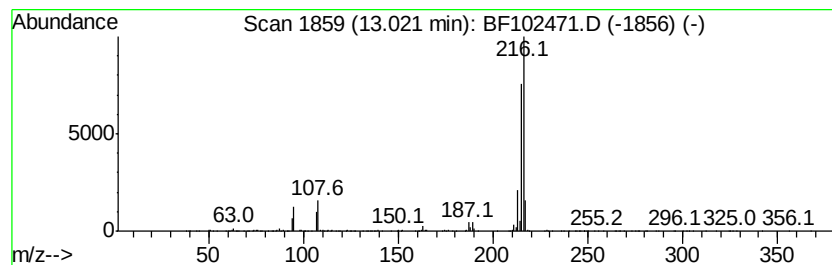
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.82 ng	756476	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



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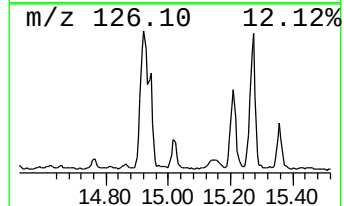
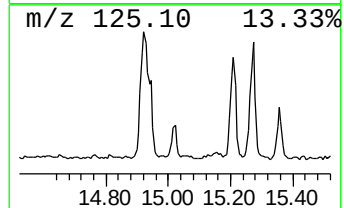
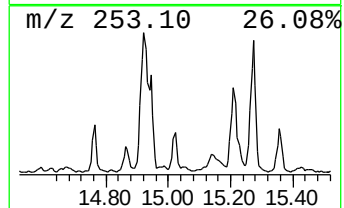
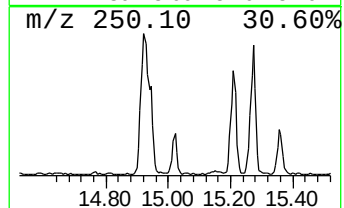
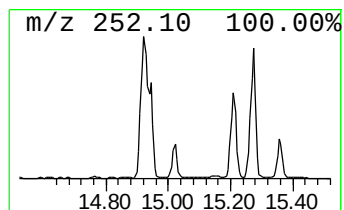
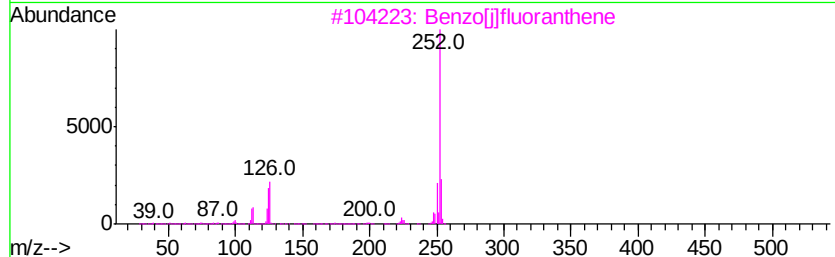
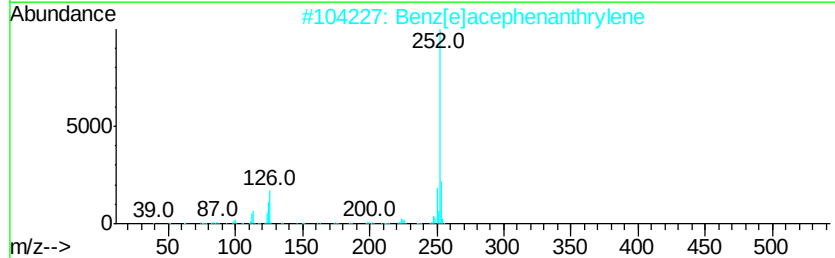
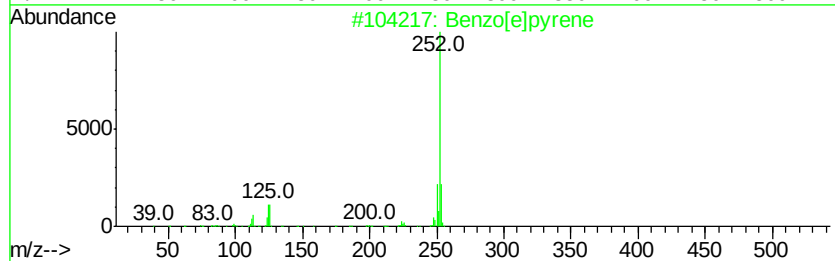
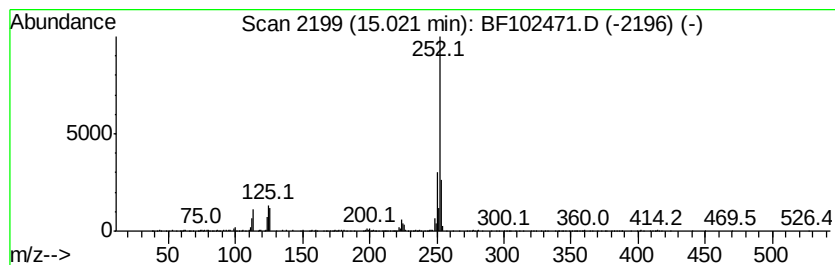
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	10.07 ng	307640	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 97
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 93
3		Benzo[i]fluoranthene	252 C20H12	000205-82-3 90
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 89
5		Perylene	252 C20H12	000198-55-0 87



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ALS Vial : 10 Sample Multiplier: 1

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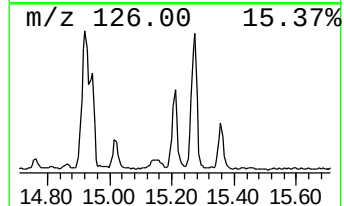
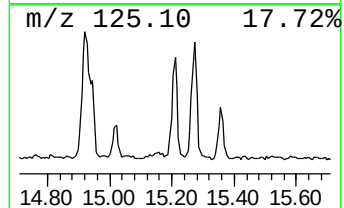
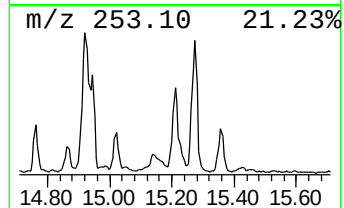
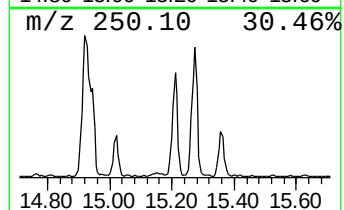
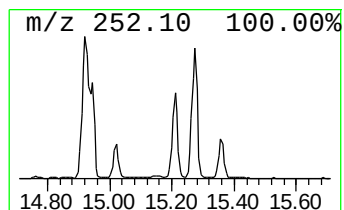
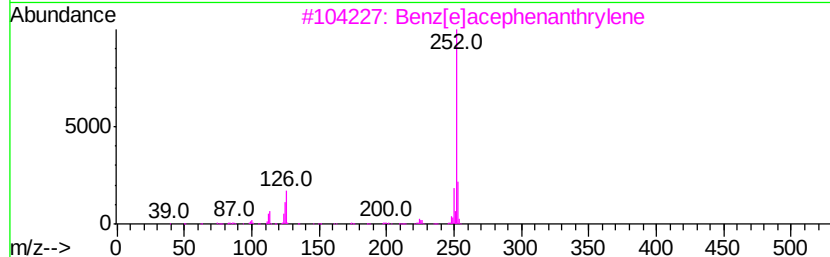
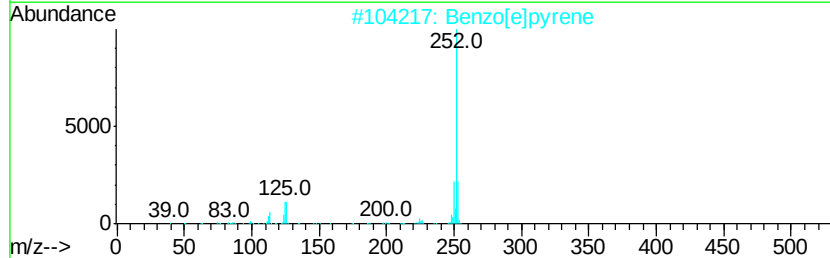
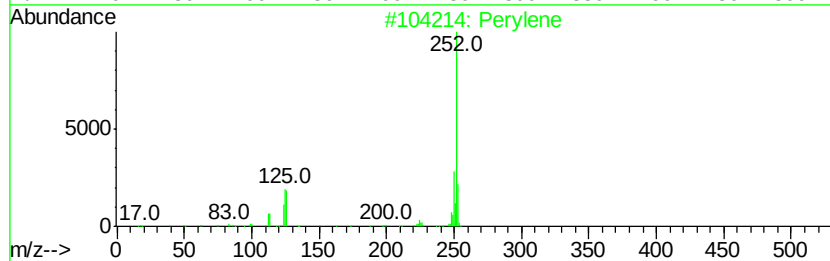
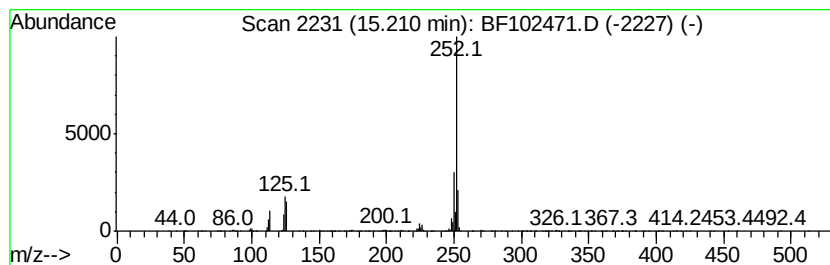
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	32.52 ng	993407	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[el]pyrene	252	C20H12	000192-97-2	98
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	97
4		Benzo[al]pyrene	252	C20H12	000050-32-8	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
 Data File : BF102471.D
 Acq On : 26 Jan 2018 16:27
 Operator : SJ/JU
 Sample : J1020-11 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-012418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	40.1	ng	2009180	1	6.72	1001420	20.0
Naphthalene, 1-me...	8.82	4.4	ng	263089	2	8.00	1199270	20.0
Naphthalene, 2,3-...	9.42	4.2	ng	284090	3	9.76	1352960	20.0
9H-Fluorene, 2-me...	10.85	5.0	ng	250497	4	11.25	999521	20.0
Dibenzothiophene	11.14	9.4	ng	469008	4	11.25	999521	20.0
Anthracene, 9-eth...	11.54	4.7	ng	234669	4	11.25	999521	20.0
Hexadecanoic acid...	11.63	4.8	ng	239475	4	11.25	999521	20.0
Phenanthrene, 2-m...	11.75	10.4	ng	520768	4	11.25	999521	20.0
4H-Cyclopenta[def...	11.86	25.0	ng	1248340	4	11.25	999521	20.0
5,16[1',2']:8,13[...	12.05	6.8	ng	342507	4	11.25	999521	20.0
Phenanthrene, 2,3...	12.30	6.7	ng	332135	4	11.25	999521	20.0
9,12-Octadecadien...	12.32	14.8	ng	738478	4	11.25	999521	20.0
9-Octadecenoic ac...	12.34	10.8	ng	539759	4	11.25	999521	20.0
Cyclopenta(def)ph...	12.39	3.8	ng	189735	4	11.25	999521	20.0
11H-Benzo[b]fluorene	13.02	3.8	ng	756476	5	13.90	3958510	20.0
Benzo[e]pyrene	15.02	10.1	ng	307640	6	15.33	610952	20.0
Perylene	15.21	32.5	ng	993407	6	15.33	610952	20.0