

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106720.D
 Acq On : 22 Jun 2018 20:36
 Operator : JU/SJ
 Sample : J3246-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062018

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.589	550	553	562	rBV	488181	473845	24.71%	1.861%
2	6.595	720	724	731	rBV	584682	497481	25.94%	1.954%
3	6.730	743	747	751	rVB	590073	508251	26.50%	1.996%
4	6.960	782	786	789	rBV	351248	306569	15.99%	1.204%
5	7.113	808	812	815	rBV	508204	407407	21.24%	1.600%
6	7.519	877	881	884	rBV	382137	315005	16.43%	1.237%
7	8.242	1000	1004	1006	rBV	473973	408686	21.31%	1.605%
8	8.260	1006	1007	1010	rVB	177974	128254	6.69%	0.504%
9	8.954	1121	1125	1128	rBV	213065	163040	8.50%	0.640%
10	9.054	1137	1142	1147	rVB	191240	159578	8.32%	0.627%
11	9.313	1182	1186	1189	rBV	787742	612211	31.92%	2.404%
12	9.583	1227	1232	1236	rVV	75178	95471	4.98%	0.375%
13	9.654	1240	1244	1246	rVV	138616	134184	7.00%	0.527%
14	9.683	1246	1249	1251	rVV	82703	84549	4.41%	0.332%
15	9.701	1251	1252	1260	rVV2	64084	62571	3.26%	0.246%
16	9.771	1260	1264	1272	rVB	72004	84244	4.39%	0.331%
17	9.860	1275	1279	1283	rBV2	92007	85969	4.48%	0.338%
18	10.001	1300	1303	1306	rVV	479868	416145	21.70%	1.634%
19	10.030	1306	1308	1311	rVV	370746	304572	15.88%	1.196%
20	10.154	1324	1329	1333	rBV2	24484	41943	2.19%	0.165%
21	10.201	1333	1337	1341	rVV2	205487	207909	10.84%	0.817%
22	10.236	1341	1343	1346	rVB	63843	48897	2.55%	0.192%
23	10.313	1352	1356	1359	rBV2	53946	56277	2.93%	0.221%
24	10.407	1366	1372	1377	rVV2	54080	87350	4.55%	0.343%
25	10.548	1392	1396	1401	rVV	447054	376397	19.63%	1.478%
26	10.630	1408	1410	1413	rVV3	64471	63813	3.33%	0.251%
27	10.701	1420	1422	1426	rVB	65863	59677	3.11%	0.234%
28	10.789	1433	1437	1441	rBV	395200	368240	19.20%	1.446%
29	10.883	1450	1453	1463	rVB3	38406	85534	4.46%	0.336%
30	11.095	1482	1489	1492	rBV3	92406	124568	6.50%	0.489%
31	11.124	1492	1494	1496	rVV	59958	48504	2.53%	0.190%
32	11.177	1500	1503	1506	rVB	45612	41436	2.16%	0.163%
33	11.218	1506	1510	1513	rBV3	26410	46279	2.41%	0.182%
34	11.295	1520	1523	1526	rVV	59602	52865	2.76%	0.208%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.330	1526	1529	1533	rVV3	53381	62630	3.27%	0.246%
36	11.389	1536	1539	1544	rVB	160481	136484	7.12%	0.536%
37	11.495	1553	1557	1558	rBV	388797	367290	19.15%	1.442%
38	11.524	1558	1562	1565	rVV	1632813	1628951	84.94%	6.398%
39	11.571	1565	1570	1573	rVV	511024	465481	24.27%	1.828%
40	11.724	1589	1596	1600	rVV	304074	314578	16.40%	1.235%
41	11.783	1604	1606	1610	rVV2	55341	50295	2.62%	0.198%
42	11.824	1610	1613	1617	rVB2	72067	72195	3.76%	0.284%
43	11.907	1624	1627	1632	rVB	38046	43571	2.27%	0.171%
44	11.995	1636	1642	1644	rVV	273562	252559	13.17%	0.992%
45	12.024	1644	1647	1650	rVV	348845	299836	15.63%	1.178%
46	12.071	1650	1655	1657	rVV	104352	97116	5.06%	0.381%
47	12.107	1657	1661	1663	rVV2	405426	445323	23.22%	1.749%
48	12.130	1663	1665	1669	rVB	184302	145127	7.57%	0.570%
49	12.171	1669	1672	1674	rBV	54143	46790	2.44%	0.184%
50	12.289	1689	1692	1694	rVV	184949	166375	8.68%	0.653%
51	12.318	1694	1697	1702	rVB	181117	159190	8.30%	0.625%
52	12.436	1711	1717	1720	rBV2	57086	69516	3.62%	0.273%
53	12.465	1720	1722	1724	rVV	57145	43623	2.27%	0.171%
54	12.542	1731	1735	1739	rBV2	136456	190010	9.91%	0.746%
55	12.583	1739	1742	1744	rVV2	68511	84602	4.41%	0.332%
56	12.636	1747	1751	1755	rBV2	74994	109883	5.73%	0.432%
57	12.718	1759	1765	1768	rBV	1562347	1708264	89.08%	6.709%
58	12.771	1772	1774	1777	rVB	70499	51868	2.70%	0.204%
59	12.842	1782	1786	1787	rBV3	35288	45539	2.37%	0.179%
60	12.865	1787	1790	1792	rVB	62961	58183	3.03%	0.229%
61	12.948	1797	1804	1808	rBV2	1365374	1917758	100.00%	7.532%
62	12.989	1808	1811	1815	rVB2	93402	94798	4.94%	0.372%
63	13.077	1818	1826	1828	rBV2	641569	696380	36.31%	2.735%
64	13.101	1828	1830	1833	rVB	111045	97152	5.07%	0.382%
65	13.154	1834	1839	1843	rBV2	120054	206537	10.77%	0.811%
66	13.189	1843	1845	1847	rBV	47449	42239	2.20%	0.166%
67	13.242	1850	1854	1855	rBV3	88052	100718	5.25%	0.396%
68	13.265	1855	1858	1861	rVB	278945	266969	13.92%	1.048%
69	13.336	1867	1870	1872	rBV	278796	238168	12.42%	0.935%
70	13.371	1872	1876	1878	rVV2	166403	175521	9.15%	0.689%
71	13.395	1878	1880	1883	rVB	65540	58746	3.06%	0.231%

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72	13.465	1889	1892	1894	rBV	101211	81796	4.27%	0.321%
73	13.495	1894	1897	1900	rBV	105017	88689	4.62%	0.348%
74	13.748	1937	1940	1942	rBV3	58894	62548	3.26%	0.246%
75	13.777	1942	1945	1949	rVB	88630	100396	5.24%	0.394%
76	13.889	1959	1964	1967	rBV2	152384	199184	10.39%	0.782%
77	13.918	1967	1969	1971	rVV	169922	142446	7.43%	0.559%
78	13.942	1971	1973	1979	rVV3	147963	276734	14.43%	1.087%
79	13.989	1979	1981	1984	rVB	86767	75503	3.94%	0.297%
80	14.059	1991	1993	1998	rVB	46596	51784	2.70%	0.203%
81	14.142	2000	2007	2010	rVV2	878629	1385131	72.23%	5.440%
82	14.177	2010	2013	2019	rVB	738789	751015	39.16%	2.950%
83	14.253	2023	2026	2028	rBV	221643	177953	9.28%	0.699%
84	14.377	2043	2047	2049	rBV2	89245	98511	5.14%	0.387%
85	14.536	2072	2074	2077	rVB	127065	102718	5.36%	0.403%
86	14.571	2078	2080	2082	rBV	65468	55343	2.89%	0.217%
87	14.636	2089	2091	2094	rVB	54041	47158	2.46%	0.185%
88	14.665	2094	2096	2098	rVV2	78939	72092	3.76%	0.283%
89	14.689	2098	2100	2104	rVB	140535	113514	5.92%	0.446%
90	14.736	2104	2108	2115	rVB4	66015	113638	5.93%	0.446%
91	15.053	2160	2162	2170	rVB	59448	91538	4.77%	0.360%
92	15.230	2187	2192	2195	rBV	520344	851500	44.40%	3.344%
93	15.342	2208	2211	2215	rBV	114356	119960	6.26%	0.471%
94	15.553	2243	2247	2253	rVB	320735	443197	23.11%	1.741%
95	15.624	2253	2259	2264	rBV	487956	634357	33.08%	2.491%
96	15.683	2264	2269	2272	rVV	247793	351506	18.33%	1.381%
97	15.718	2272	2275	2282	rVB	146960	204927	10.69%	0.805%
98	17.253	2530	2536	2544	rBV2	180012	370288	19.31%	1.454%
99	17.494	2573	2577	2584	rVB2	41926	85221	4.44%	0.335%
100	17.736	2612	2618	2630	rVB	145219	345451	18.01%	1.357%

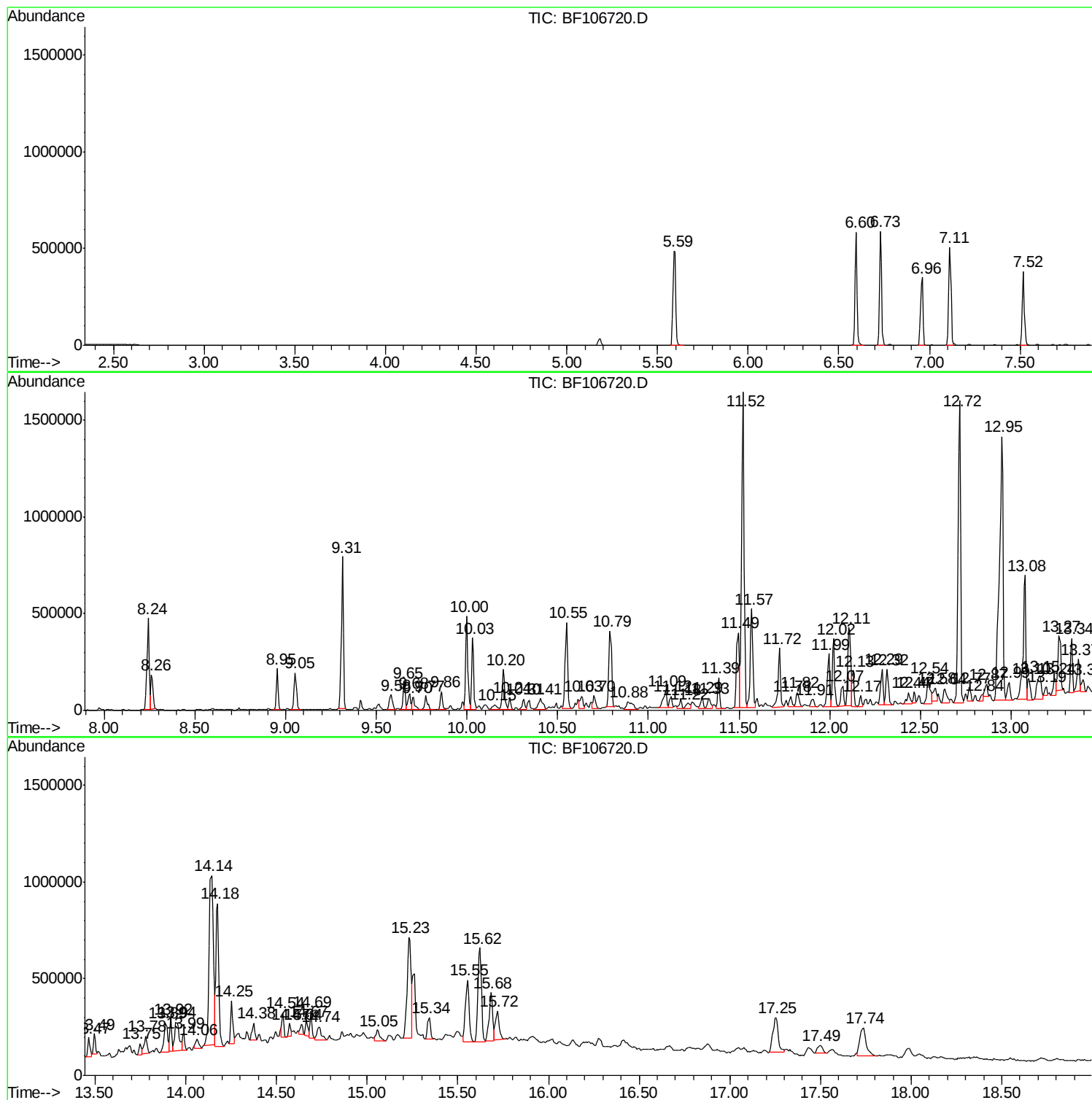
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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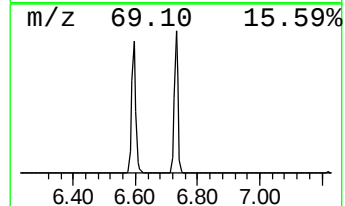
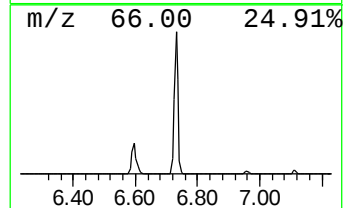
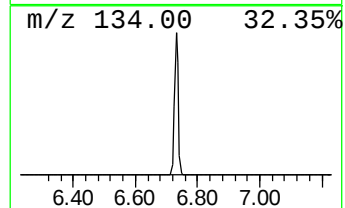
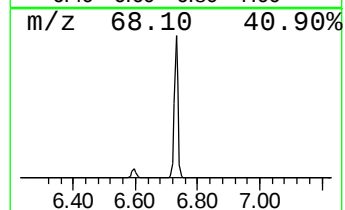
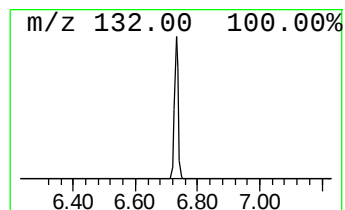
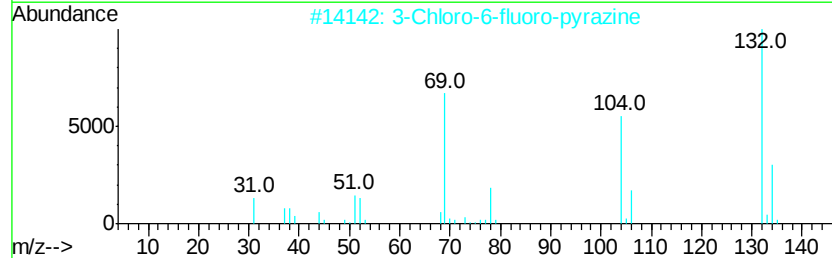
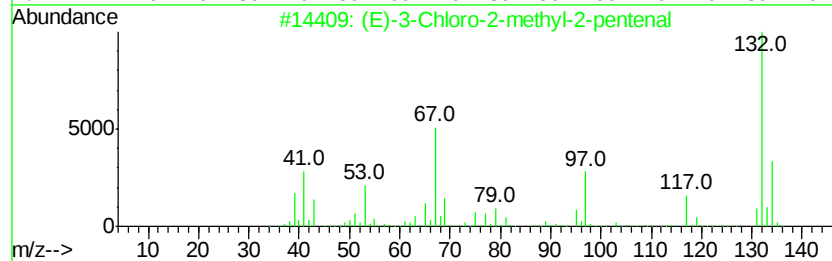
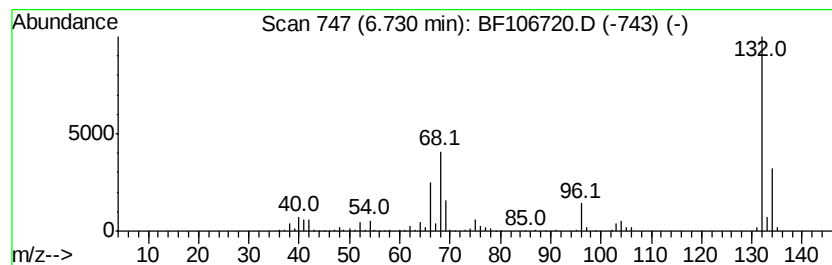
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	33.16 ng	508251	1,4-Dichlorobenzene-d4	6.96

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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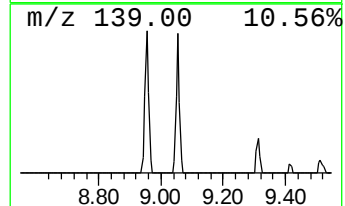
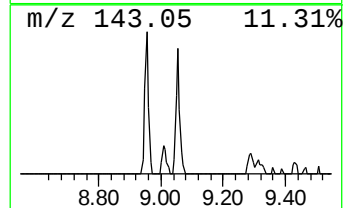
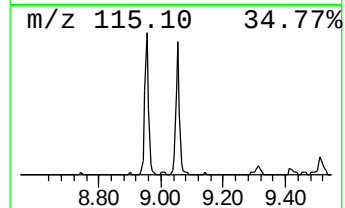
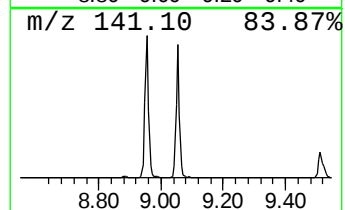
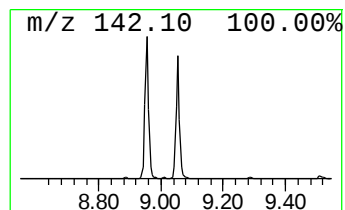
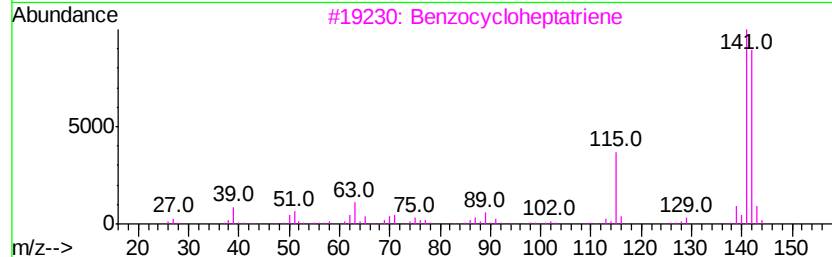
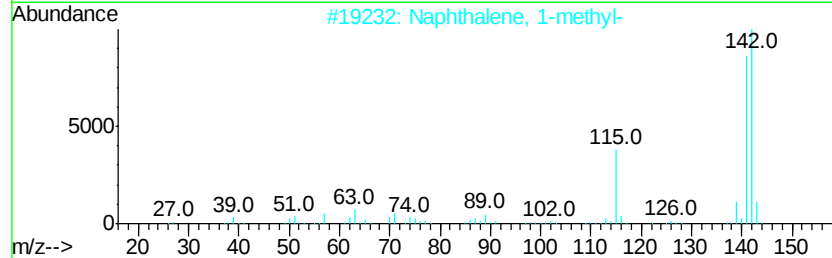
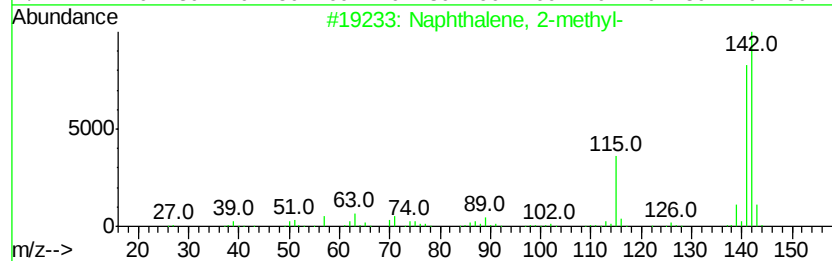
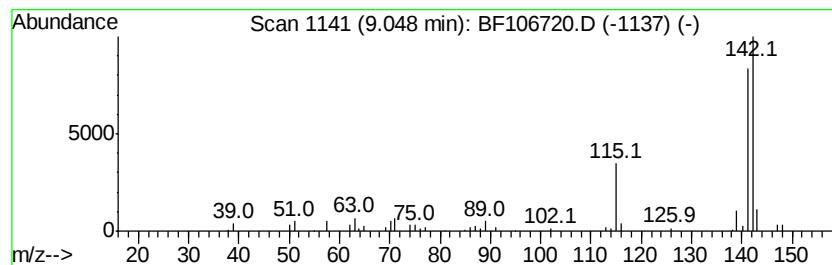
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	7.81 ng	159578	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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



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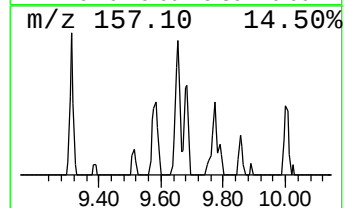
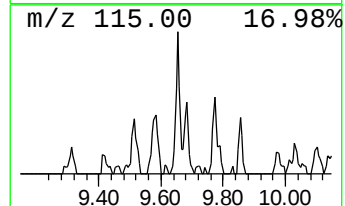
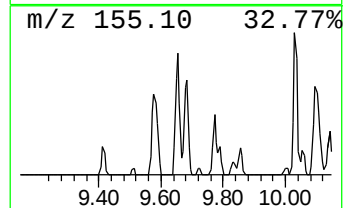
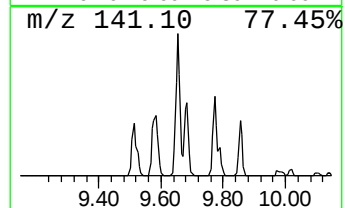
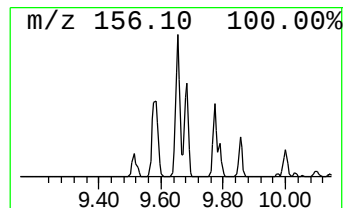
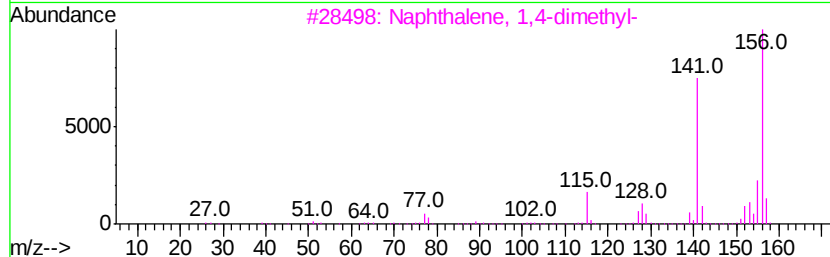
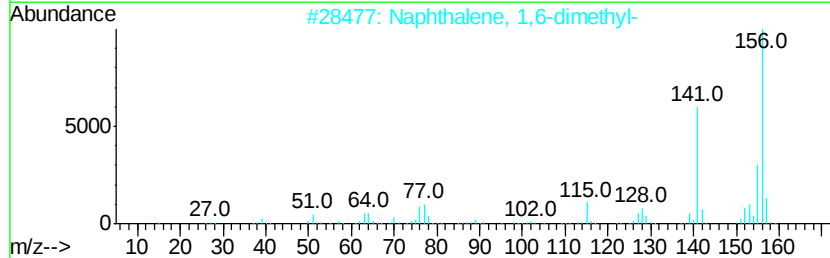
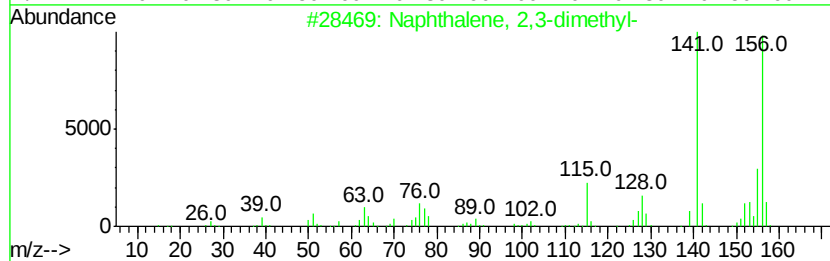
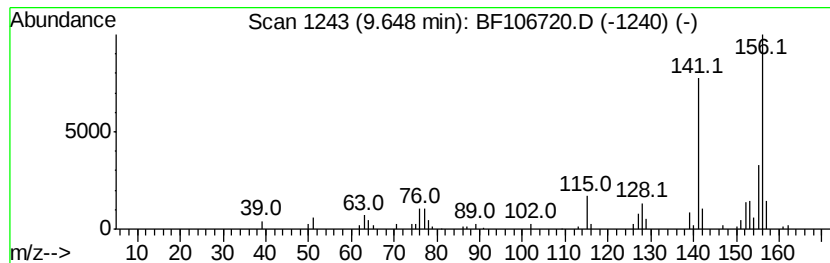
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Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	6.45 ng	134184	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
Operator : JU/SJ
Sample : J3246-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-062018

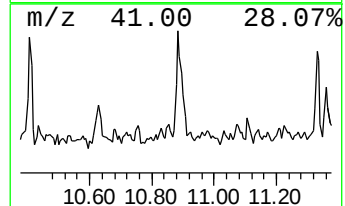
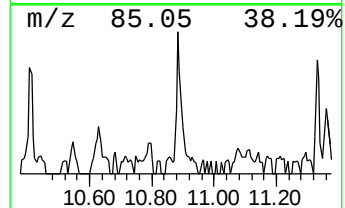
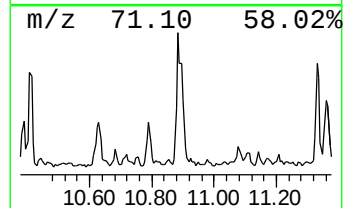
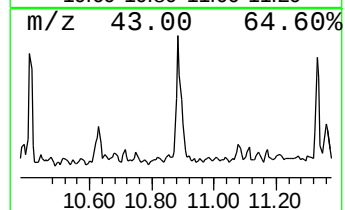
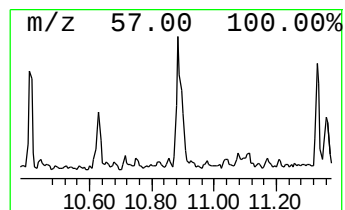
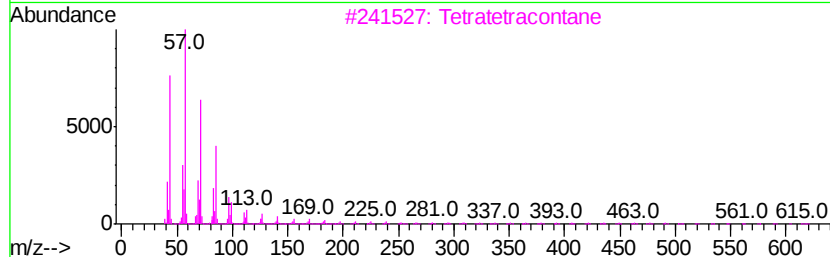
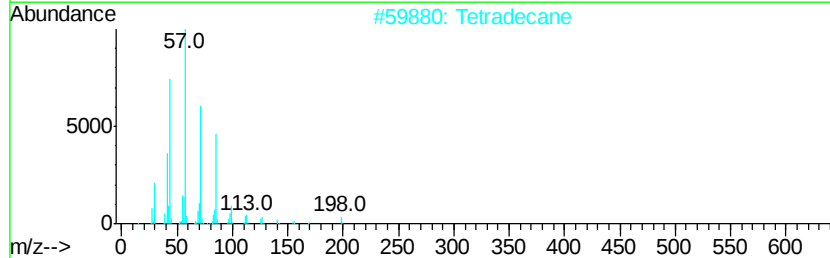
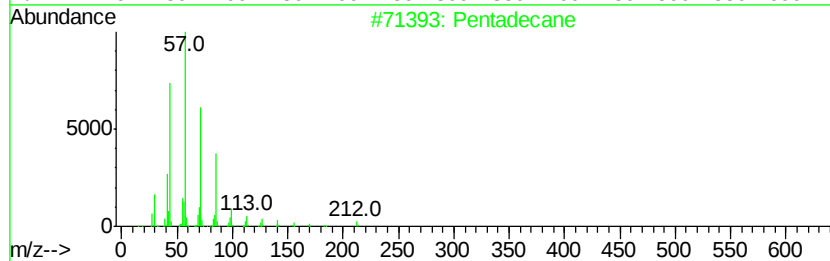
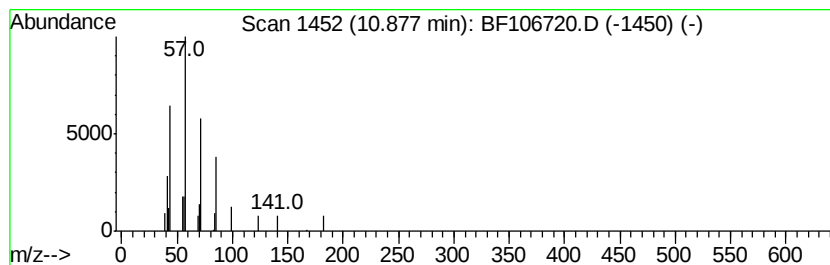
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.66 ng	85534	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Tritetracontane		605	C43H88	007098-21-7	83
5	Heptadecane		240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
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Sample : J3246-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

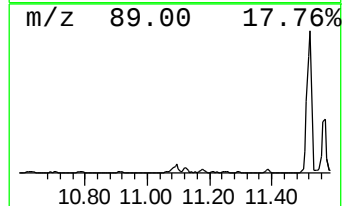
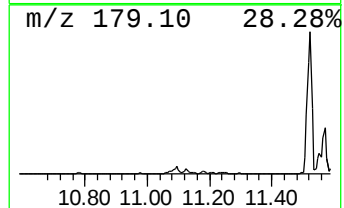
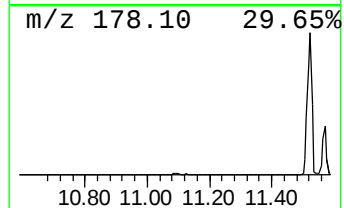
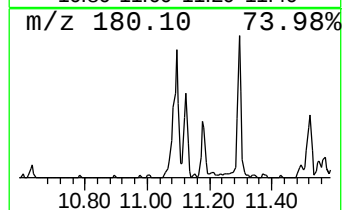
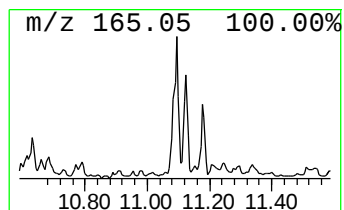
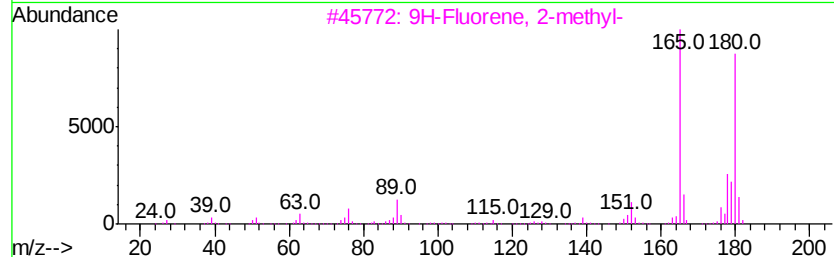
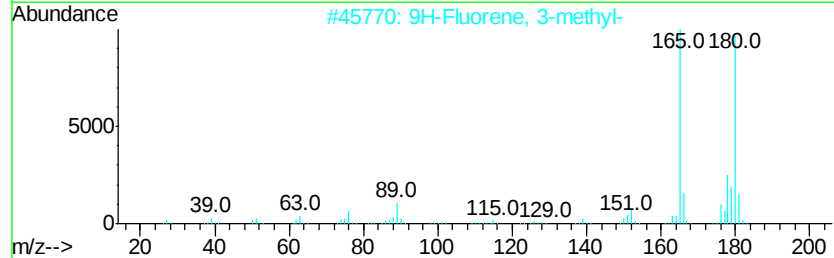
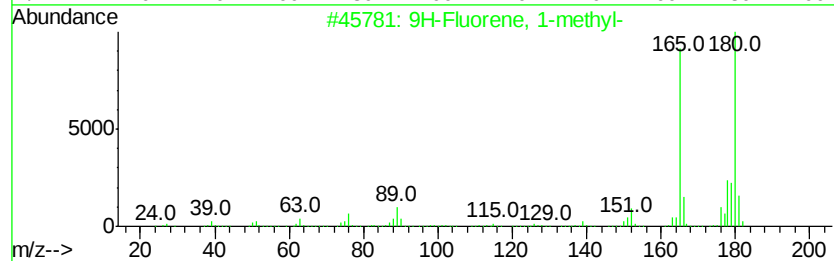
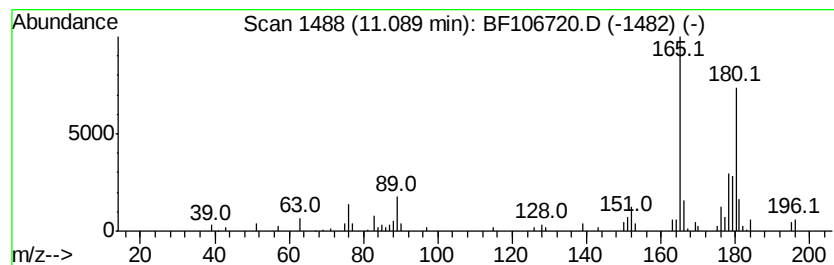
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.09	6.78 ng	124568	Phenanthrene-d10		11.49	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	96
3	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	96
4	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	89
5	4a,9a-Methano-9H-fluorene		180	C14H12	019540-84-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
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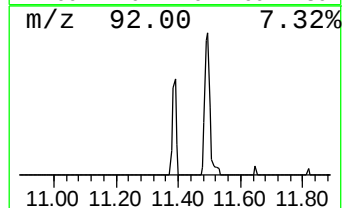
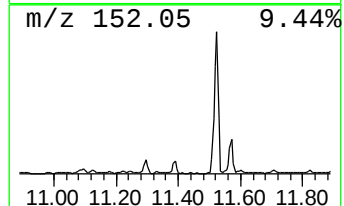
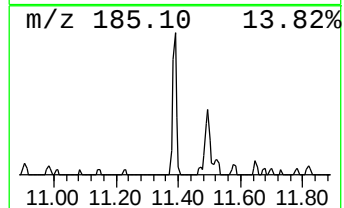
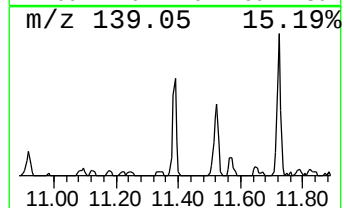
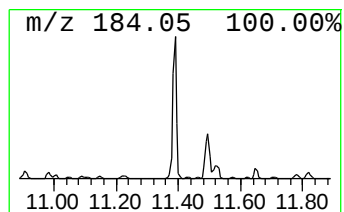
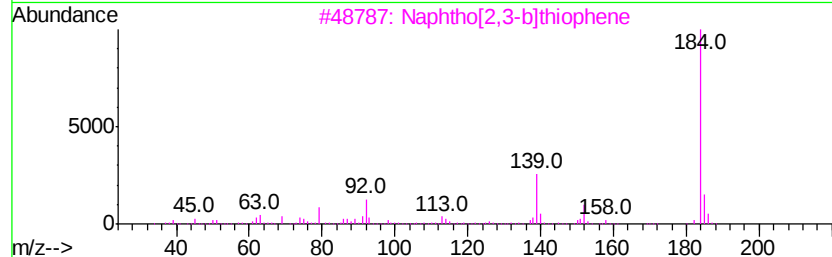
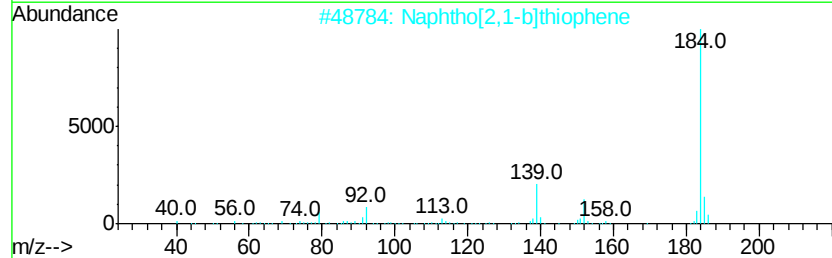
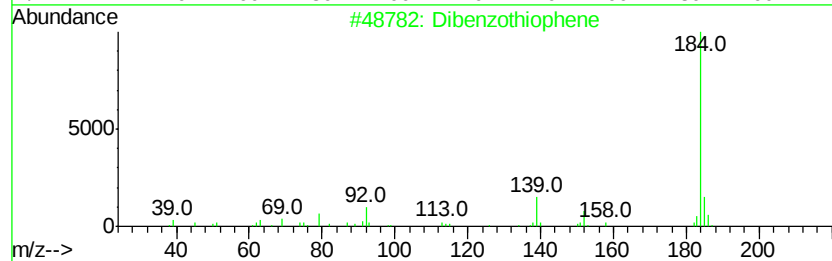
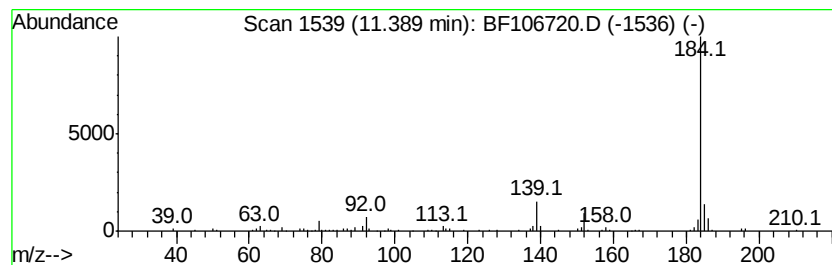
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	7.43 ng	136484	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
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Sample : J3246-03 2X
Misc :
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Instrument :
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ClientSampleId :
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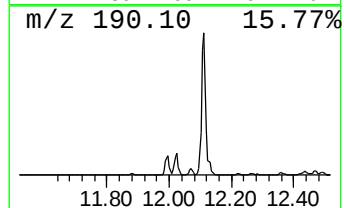
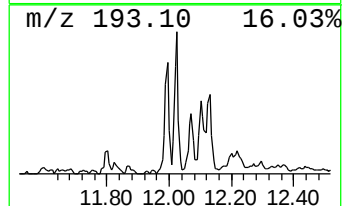
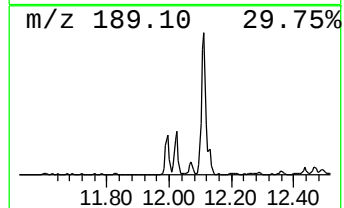
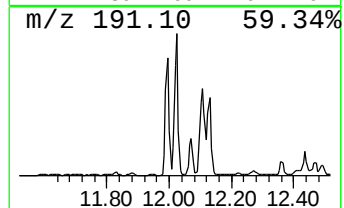
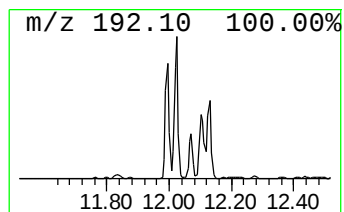
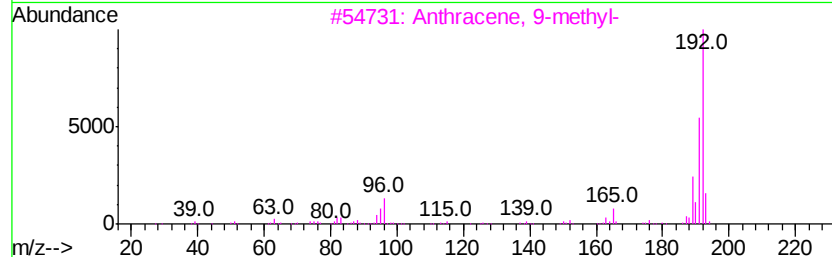
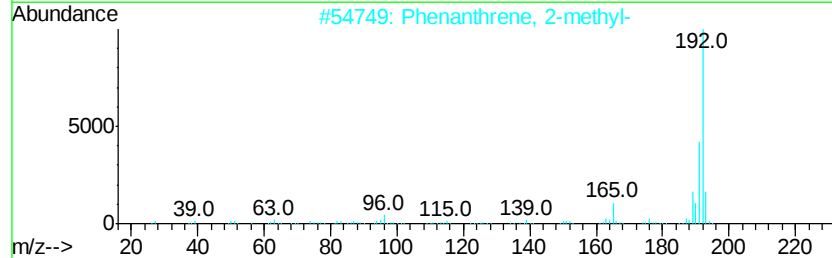
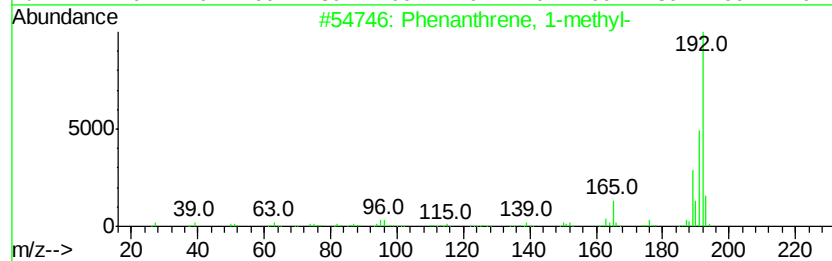
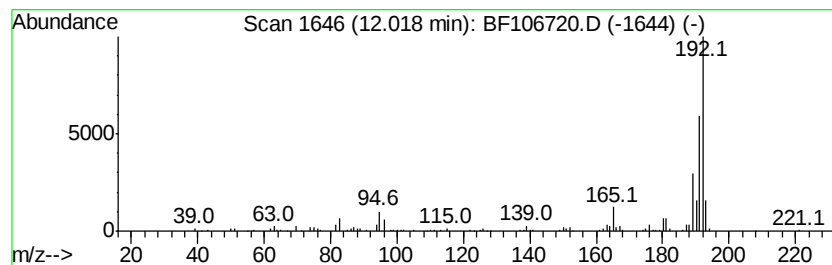
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	16.33 ng	299836	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
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Misc :
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ClientSampleId :
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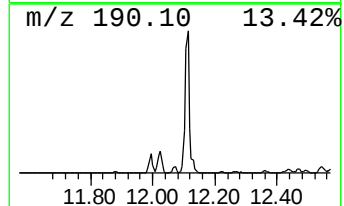
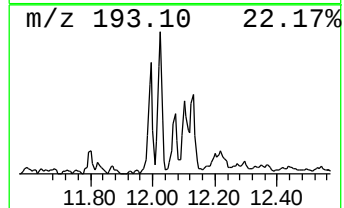
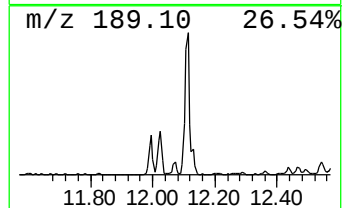
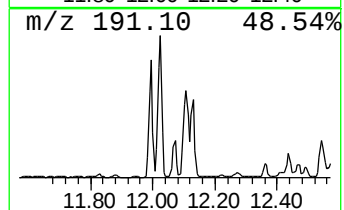
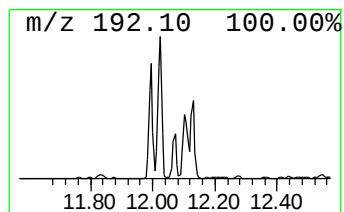
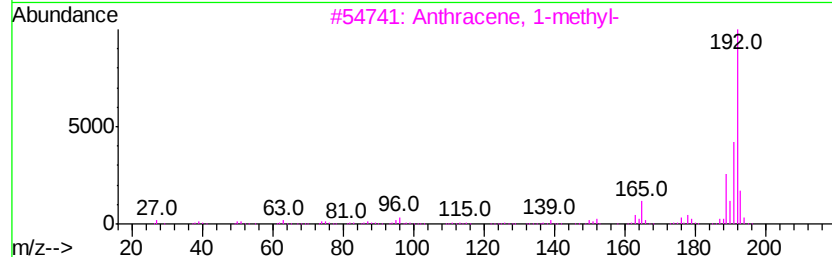
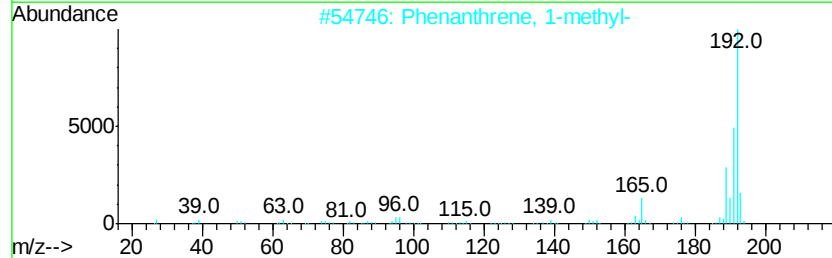
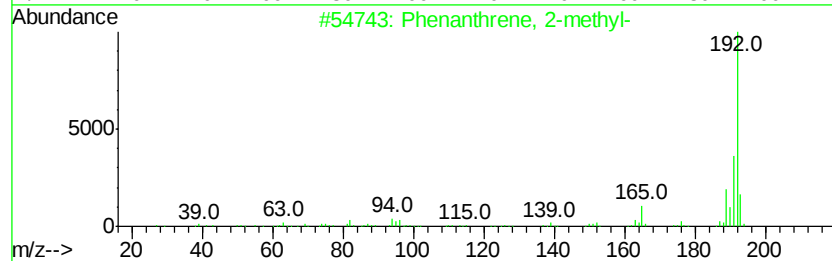
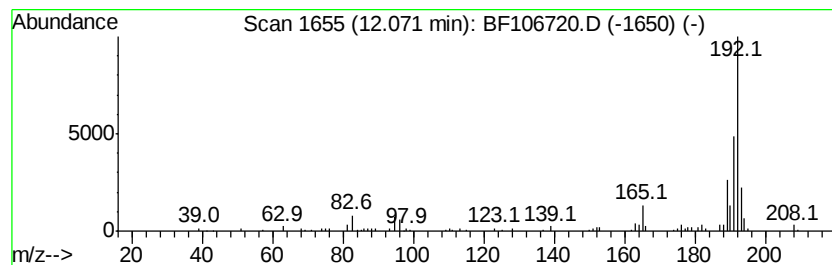
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.29 ng	97116	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
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ClientSampleId :
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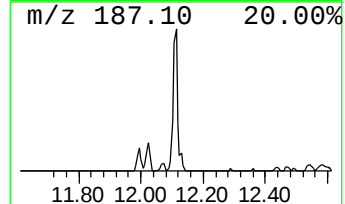
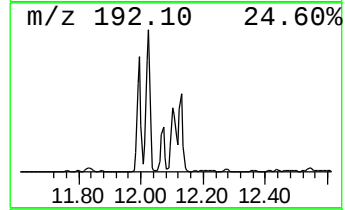
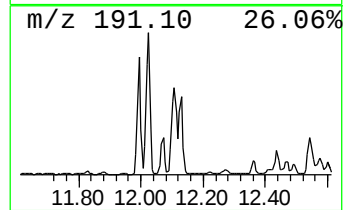
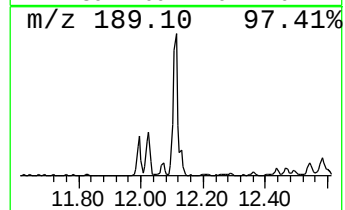
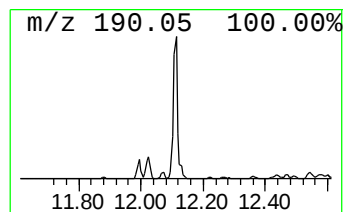
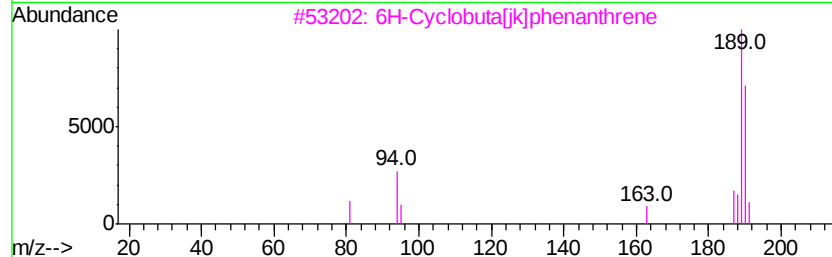
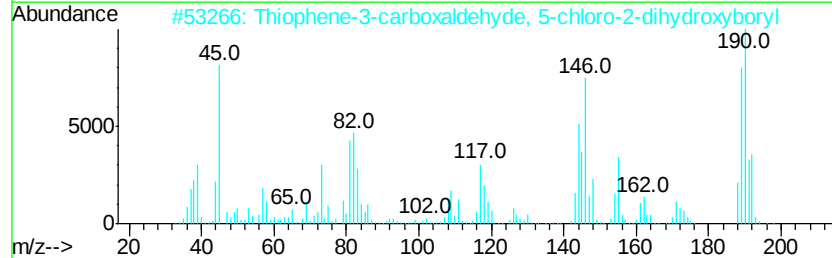
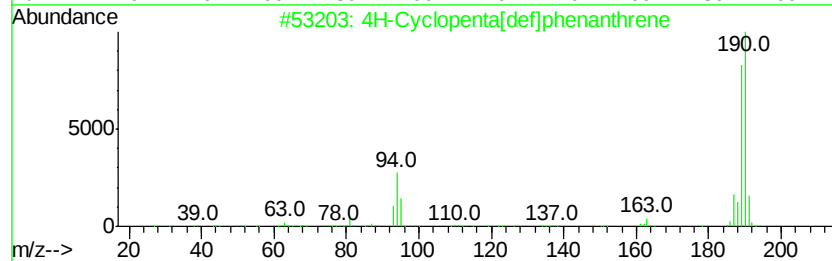
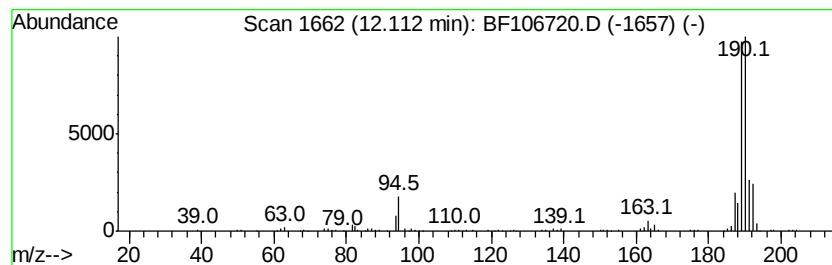
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	24.25 ng	445323	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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ClientSampleId :
OK-01-062018

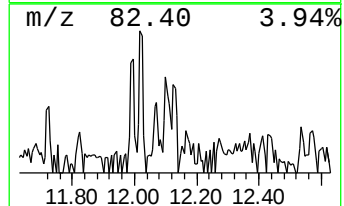
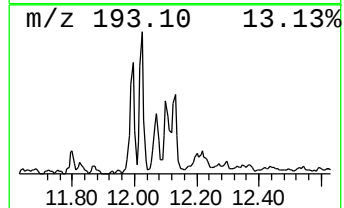
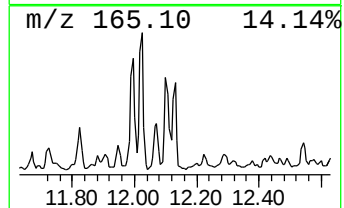
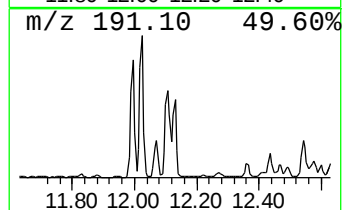
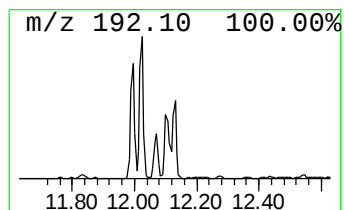
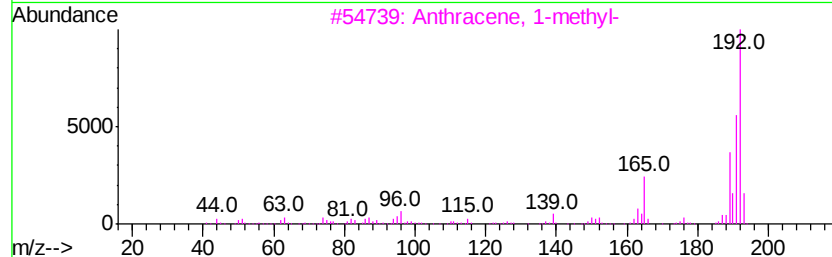
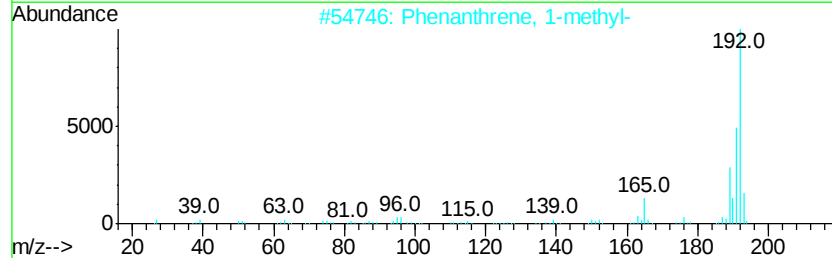
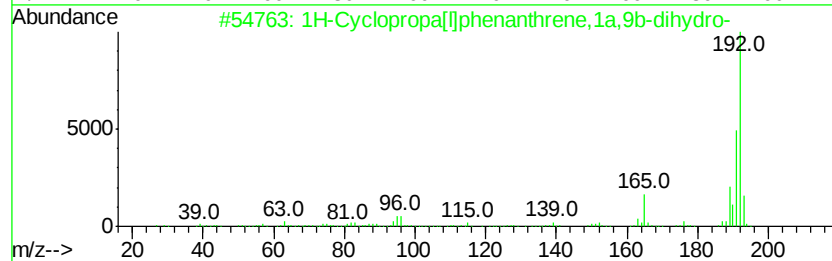
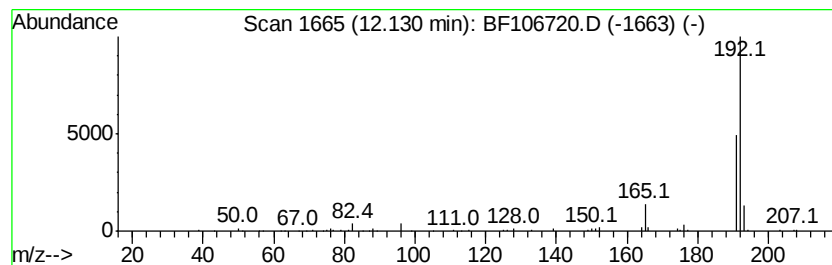
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.90 ng	145127	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
Operator : JU/SJ
Sample : J3246-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-062018

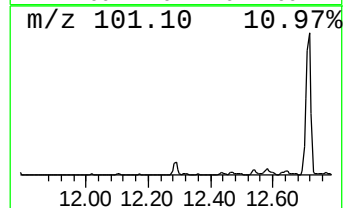
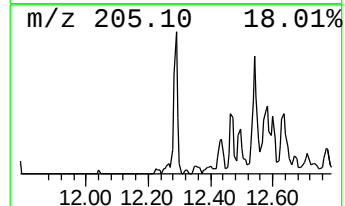
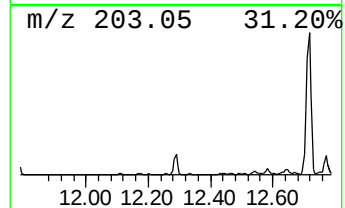
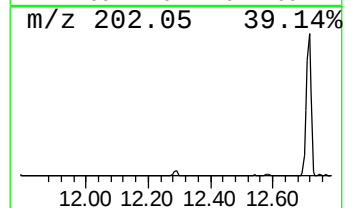
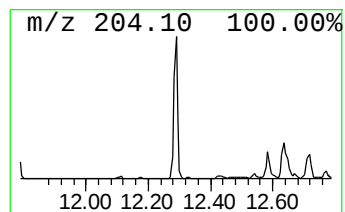
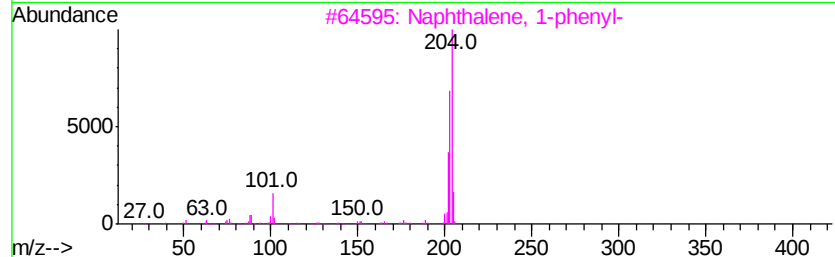
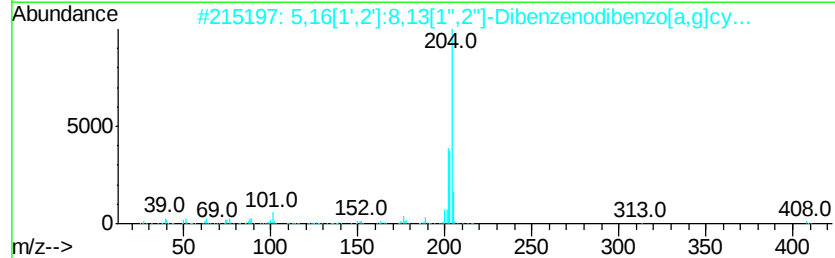
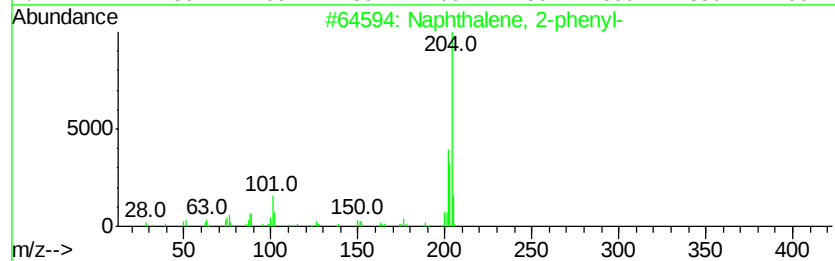
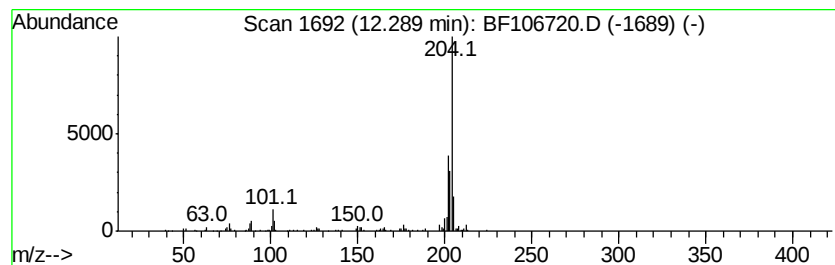
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.06 ng	166375	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
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Sample : J3246-03 2X
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ClientSampleId :
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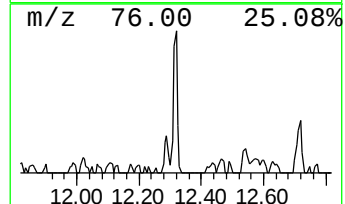
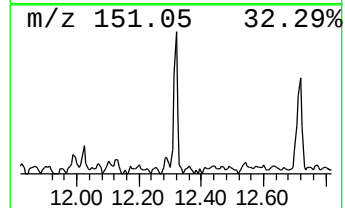
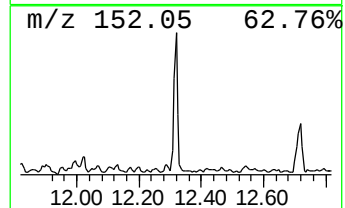
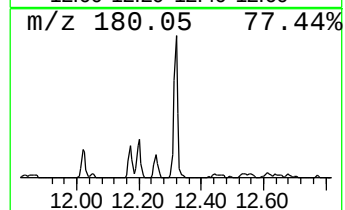
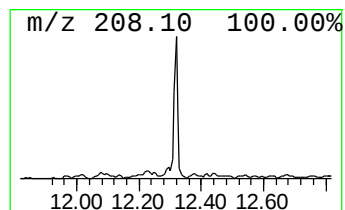
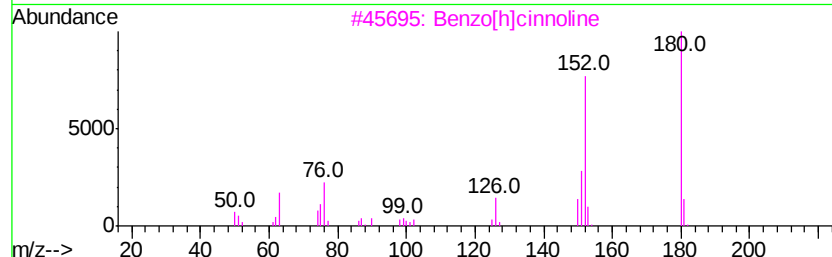
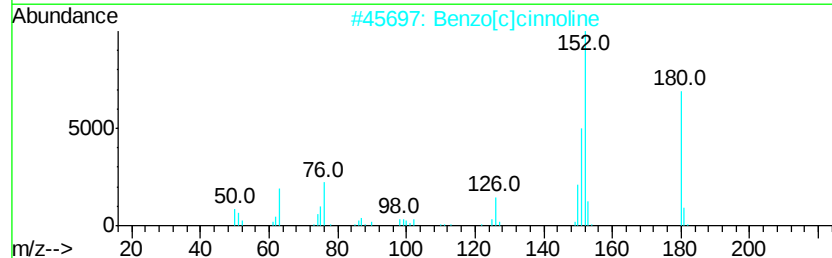
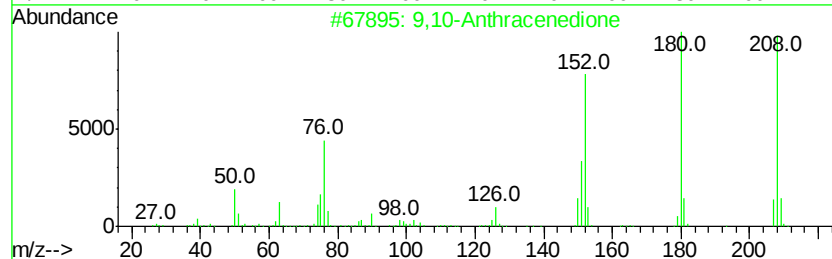
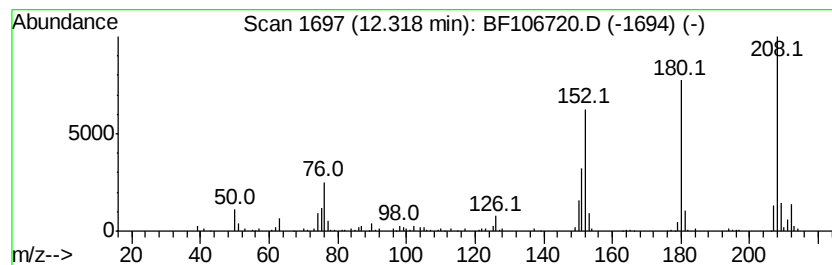
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	8.67 ng	159190	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
Acq On : 22 Jun 2018 20:36
Operator : JU/SJ
Sample : J3246-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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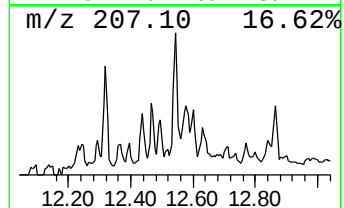
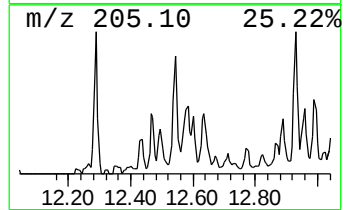
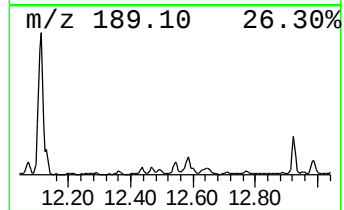
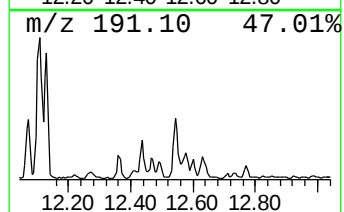
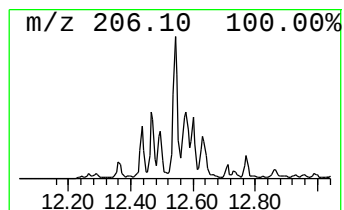
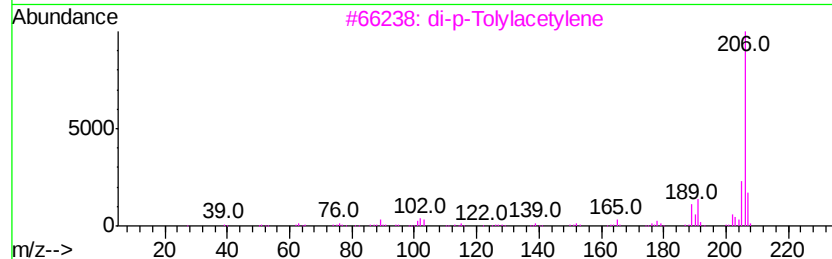
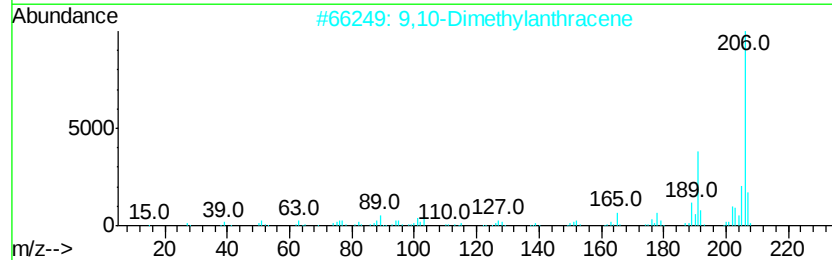
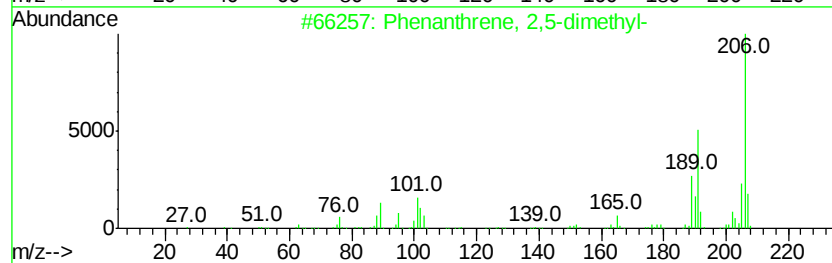
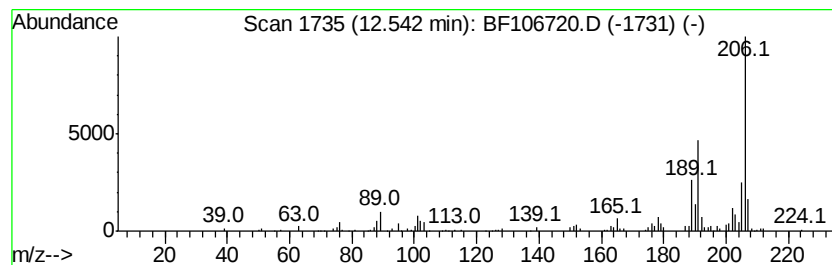
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	10.35 ng	190010	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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ALS Vial : 12 Sample Multiplier: 1

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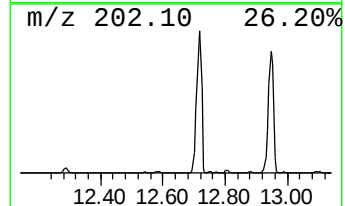
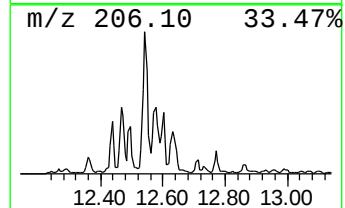
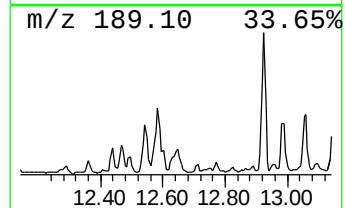
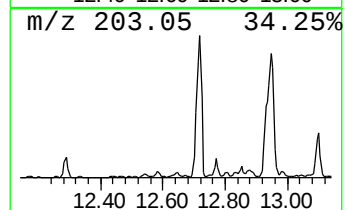
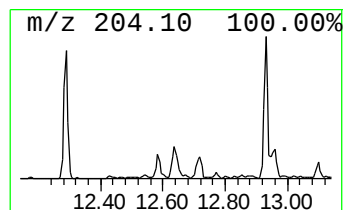
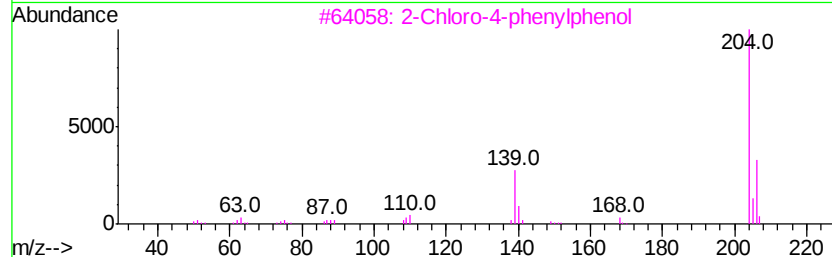
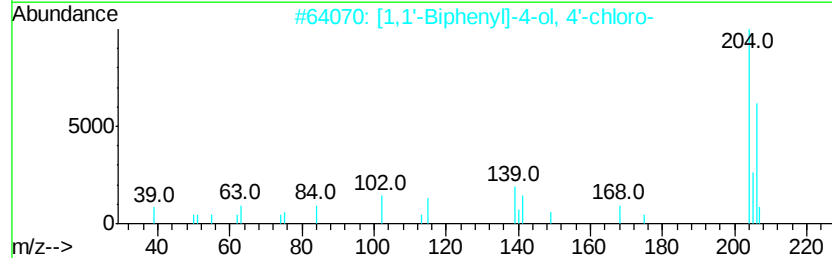
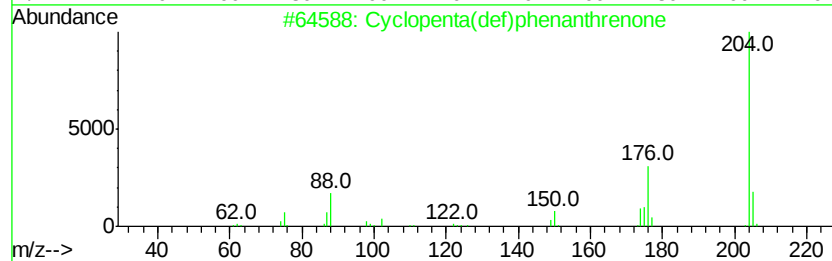
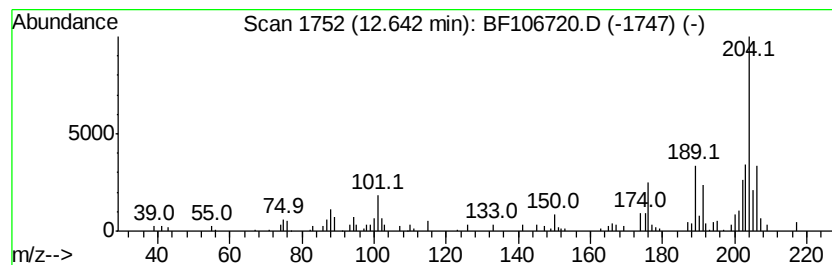
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.98 ng	109883	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	50
3		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106720.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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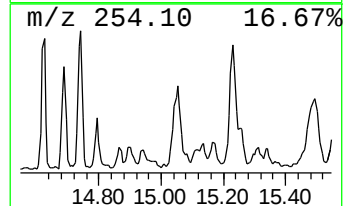
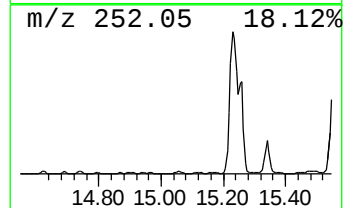
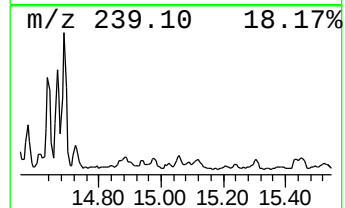
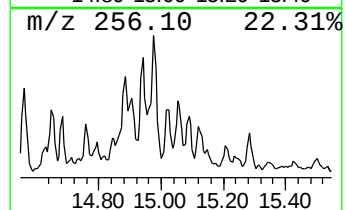
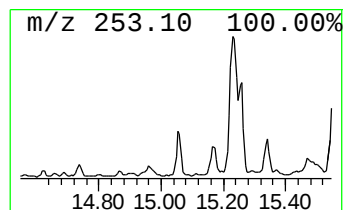
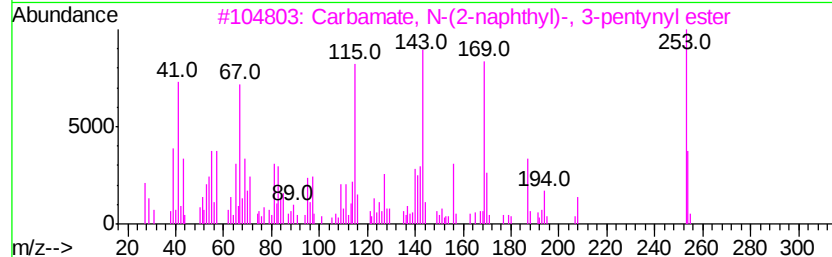
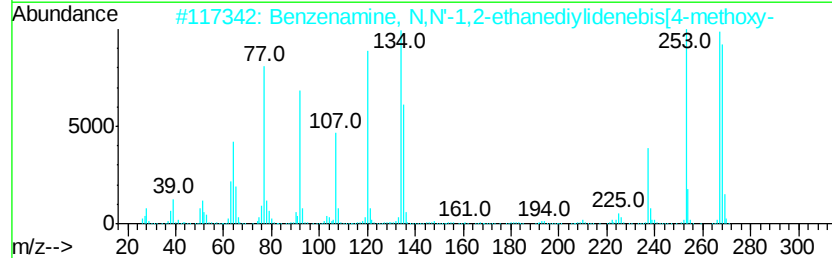
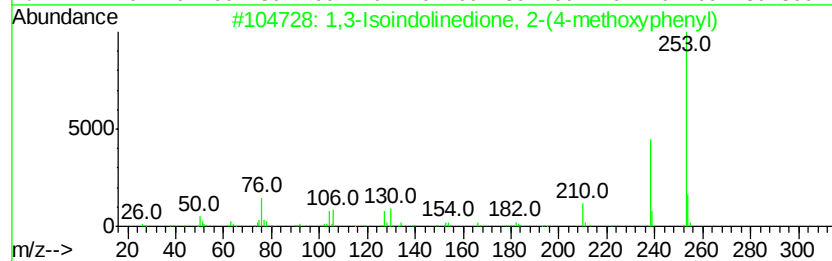
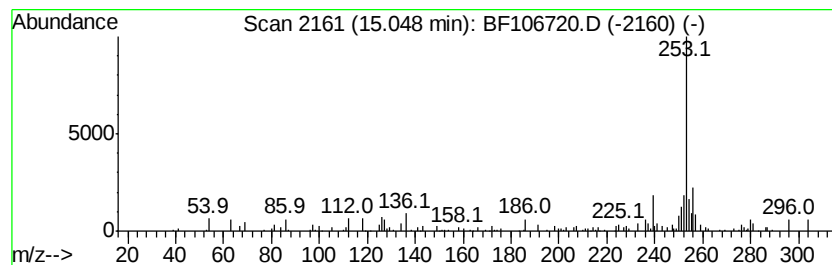
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.21 ng	91538	Perylene-d12	15.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Isoindolinedione, 2-(4-metho...	253	C15H11N03	002142-04-3	47
2			Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	43
3			Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15N02	1000197-96-0	43
4			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43
5			Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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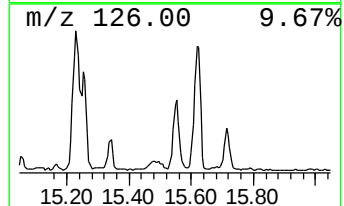
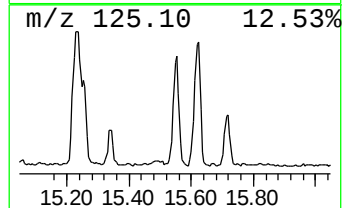
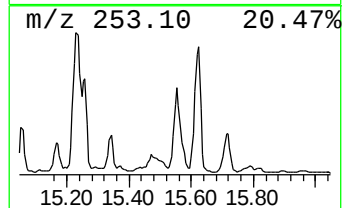
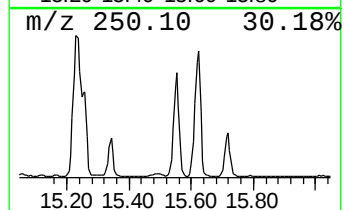
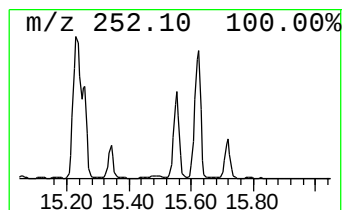
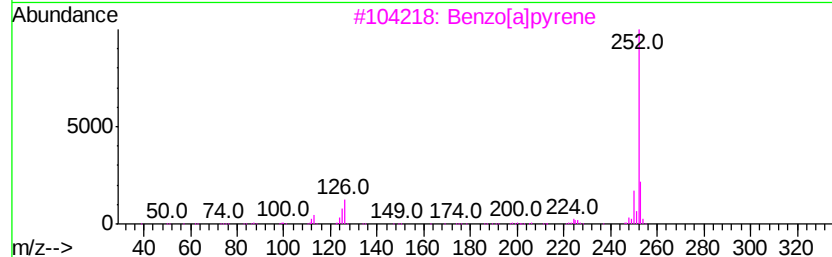
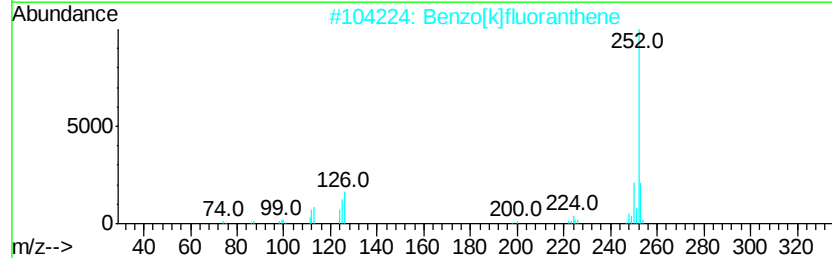
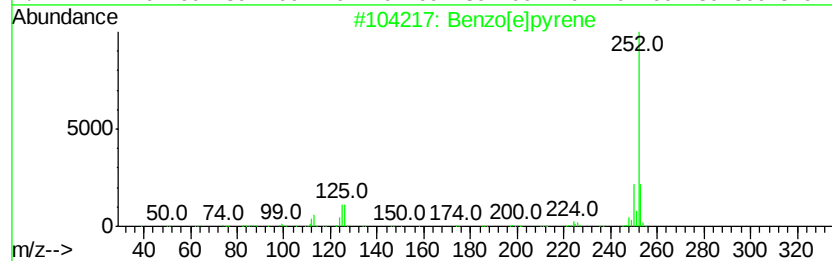
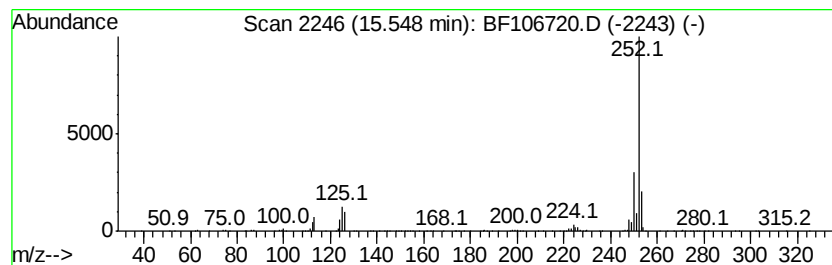
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	25.22 ng	443197	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106720.D
 Acq On : 22 Jun 2018 20:36
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 Sample : J3246-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown	6.73	33.2	ng	508251	1	6.96	306569	20.0
Naphthalene, 1-me...	9.05	7.8	ng	159578	2	8.24	408686	20.0
Naphthalene, 2,3-...	9.65	6.5	ng	134184	3	10.00	416145	20.0
Pentadecane	10.88	4.7	ng	85534	4	11.49	367290	20.0
9H-Fluorene, 1-me...	11.09	6.8	ng	124568	4	11.49	367290	20.0
Dibenzothiophene	11.39	7.4	ng	136484	4	11.49	367290	20.0
Phenanthrene, 1-m...	12.02	16.3	ng	299836	4	11.49	367290	20.0
Phenanthrene, 2-m...	12.07	5.3	ng	97116	4	11.49	367290	20.0
4H-Cyclopenta[def...	12.11	24.3	ng	445323	4	11.49	367290	20.0
1H-Cyclopropa[l]p...	12.13	7.9	ng	145127	4	11.49	367290	20.0
Naphthalene, 2-ph...	12.29	9.1	ng	166375	4	11.49	367290	20.0
9,10-Anthracenedione	12.32	8.7	ng	159190	4	11.49	367290	20.0
Phenanthrene, 2,5...	12.54	10.4	ng	190010	4	11.49	367290	20.0
Cyclopenta(def)ph...	12.64	6.0	ng	109883	4	11.49	367290	20.0
unknown	15.05	5.2	ng	91538	6	15.68	351506	20.0
Benzo[e]pyrene	15.55	25.2	ng	443197	6	15.68	351506	20.0