

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109305.D
 Acq On : 25 Sep 2018 23:54
 Operator : JU/SJ
 Sample : J5044-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID06-COMP-092018

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-BF092218.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	5.316	545	549	552	rBV	1815743	1634088	43.35%	2.947%
2	6.345	719	724	735	rVB	1984646	1857140	49.27%	3.350%
3	6.475	742	746	750	rBV	2000741	1783080	47.30%	3.216%
4	6.710	782	786	789	rBV	820167	675674	17.93%	1.219%
5	6.863	808	812	816	rBV	1585607	1360038	36.08%	2.453%
6	7.269	876	881	884	rBV	1330155	1111958	29.50%	2.006%
7	7.992	1000	1004	1006	rBV	940860	917708	24.35%	1.655%
8	8.010	1006	1007	1010	rVB	383240	221901	5.89%	0.400%
9	8.704	1121	1125	1128	rBV	317423	267779	7.10%	0.483%
10	8.798	1138	1141	1145	rVB	299519	241658	6.41%	0.436%
11	9.063	1182	1186	1190	rBV	2080163	1845209	48.95%	3.328%
12	9.163	1200	1203	1206	rBV	157858	119866	3.18%	0.216%
13	9.327	1227	1231	1235	rBV	188387	247747	6.57%	0.447%
14	9.398	1239	1243	1246	rBV	296197	294742	7.82%	0.532%
15	9.427	1246	1248	1250	rVV	208270	145851	3.87%	0.263%
16	9.457	1250	1253	1256	rVB	489017	372822	9.89%	0.672%
17	9.516	1261	1263	1269	rVB	145348	156470	4.15%	0.282%
18	9.598	1274	1277	1281	rVB	497887	387389	10.28%	0.699%
19	9.739	1295	1301	1304	rBV3	1044134	940724	24.96%	1.697%
20	9.774	1304	1307	1310	rVB2	88248	98132	2.60%	0.177%
21	9.945	1332	1336	1339	rVB	575760	511853	13.58%	0.923%
22	9.980	1339	1342	1345	rVB	108694	94428	2.51%	0.170%
23	10.057	1350	1355	1358	rBV2	111671	118248	3.14%	0.213%
24	10.145	1366	1370	1372	rBV	89354	108016	2.87%	0.195%
25	10.280	1390	1393	1399	rVB2	235647	245585	6.52%	0.443%
26	10.439	1417	1420	1426	rVB	291130	263177	6.98%	0.475%
27	10.521	1430	1434	1439	rVV	1276648	1238924	32.87%	2.235%
28	10.963	1504	1509	1511	rBV	163336	185120	4.91%	0.334%
29	10.980	1511	1512	1514	rVV	126410	98858	2.62%	0.178%
30	11.021	1517	1519	1524	rVB	544249	461567	12.25%	0.833%
31	11.068	1524	1527	1531	rBV	168640	169054	4.48%	0.305%
32	11.116	1531	1535	1538	rBV	316820	318649	8.45%	0.575%
33	11.216	1549	1552	1554	rBV	740719	771500	20.47%	1.392%
34	11.251	1554	1558	1560	rVV	3799555	3769394	100.00%	6.799%

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35	11.292	1562	1565	1568	rVV	1066190	853734	22.65%	1.540%
36	11.445	1585	1591	1593	rBV2	258696	239358	6.35%	0.432%
37	11.515	1599	1603	1606	rVV2	118817	146016	3.87%	0.263%
38	11.551	1606	1609	1614	rVB3	164887	168461	4.47%	0.304%
39	11.715	1632	1637	1640	rBV	535316	551045	14.62%	0.994%
40	11.745	1640	1642	1647	rVB	854026	700341	18.58%	1.263%
41	11.792	1647	1650	1653	rBV	336696	269483	7.15%	0.486%
42	11.827	1653	1656	1658	rBV	517510	531810	14.11%	0.959%
43	11.851	1658	1660	1665	rVB	417353	334735	8.88%	0.604%
44	12.010	1685	1687	1690	rBV	398472	390337	10.36%	0.704%
45	12.033	1690	1691	1695	rVB	239133	166031	4.40%	0.299%
46	12.163	1708	1713	1716	rBV3	134854	144580	3.84%	0.261%
47	12.215	1720	1722	1725	rVB	121074	95985	2.55%	0.173%
48	12.268	1725	1731	1734	rBV	270860	370381	9.83%	0.668%
49	12.304	1734	1737	1739	rVV	133634	183739	4.87%	0.331%
50	12.321	1739	1740	1742	rVV	139531	103596	2.75%	0.187%
51	12.351	1742	1745	1750	rVB	510412	488222	12.95%	0.881%
52	12.433	1753	1759	1762	rBV	3745180	3728096	98.90%	6.724%
53	12.492	1762	1769	1771	rVV3	97205	160778	4.27%	0.290%
54	12.521	1771	1774	1776	rVB	421435	362585	9.62%	0.654%
55	12.574	1776	1783	1788	rBV3	194602	326096	8.65%	0.588%
56	12.657	1791	1797	1801	rBV2	2891227	3680408	97.64%	6.638%
57	12.698	1802	1804	1811	rVB2	205350	252347	6.69%	0.455%
58	12.774	1813	1817	1818	rBV	281249	262285	6.96%	0.473%
59	12.798	1818	1821	1828	rVB	1836035	1663630	44.14%	3.001%
60	12.874	1828	1834	1837	rBV2	330020	553646	14.69%	0.999%
61	12.957	1845	1848	1850	rBV3	253220	301863	8.01%	0.544%
62	12.980	1850	1852	1855	rVB	268260	218403	5.79%	0.394%
63	13.080	1865	1869	1873	rBV	466802	485847	12.89%	0.876%
64	13.139	1877	1879	1882	rBV	96878	102497	2.72%	0.185%
65	13.174	1882	1885	1888	rVB	207898	162242	4.30%	0.293%
66	13.204	1888	1890	1894	rBV2	229262	211742	5.62%	0.382%
67	13.280	1899	1903	1908	rVB3	262602	290189	7.70%	0.523%
68	13.362	1913	1917	1919	rBV3	94685	142484	3.78%	0.257%
69	13.386	1919	1921	1926	rVB4	93120	112594	2.99%	0.203%
70	13.486	1934	1938	1942	rVB	506145	505038	13.40%	0.911%
71	13.592	1951	1956	1959	rBV2	416942	474437	12.59%	0.856%

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72	13.621	1959	1961	1963	rVV	308020	249374	6.62%	0.450%
73	13.645	1963	1965	1970	rVV2	254337	333967	8.86%	0.602%
74	13.692	1970	1973	1975	rVB	352768	276913	7.35%	0.499%
75	13.762	1980	1985	1991	rVB	81861	162319	4.31%	0.293%
76	13.839	1991	1998	2002	rBV3	2064369	2955440	78.41%	5.331%
77	13.874	2002	2004	2009	rVB	1646364	1396000	37.04%	2.518%
78	13.986	2020	2023	2025	rBV	219932	176190	4.67%	0.318%
79	14.027	2028	2030	2033	rVB2	169300	155432	4.12%	0.280%
80	14.062	2033	2036	2040	rBV2	154887	209571	5.56%	0.378%
81	14.192	2056	2058	2060	rBV	89035	95310	2.53%	0.172%
82	14.227	2060	2064	2067	rVB	304532	321093	8.52%	0.579%
83	14.262	2067	2070	2074	rVB	184620	162782	4.32%	0.294%
84	14.321	2074	2080	2083	rBV4	100742	176752	4.69%	0.319%
85	14.351	2083	2085	2087	rBV	109536	100414	2.66%	0.181%
86	14.421	2094	2097	2103	rVB4	96549	130236	3.46%	0.235%
87	14.627	2130	2132	2138	rVB4	68017	97886	2.60%	0.177%
88	14.692	2139	2143	2152	rVB3	197624	312807	8.30%	0.564%
89	14.768	2152	2156	2158	rBV2	91418	108527	2.88%	0.196%
90	14.856	2166	2171	2173	rBV	973300	1318583	34.98%	2.378%
91	14.951	2184	2187	2190	rVB	209626	222087	5.89%	0.401%
92	15.133	2213	2218	2224	rVB	501045	649847	17.24%	1.172%
93	15.192	2224	2228	2233	rVB	856474	933442	24.76%	1.684%
94	15.251	2233	2238	2240	rBV	459974	558536	14.82%	1.007%
95	15.274	2240	2242	2249	rVB2	222716	323960	8.59%	0.584%
96	16.421	2432	2437	2440	rBV3	49403	97969	2.60%	0.177%
97	16.598	2461	2467	2475	rVB2	291981	546411	14.50%	0.986%
98	16.756	2489	2494	2498	rBV	65215	109438	2.90%	0.197%
99	16.997	2530	2535	2546	rVB	205632	393165	10.43%	0.709%
100	17.215	2568	2572	2578	rVB	55765	98351	2.61%	0.177%

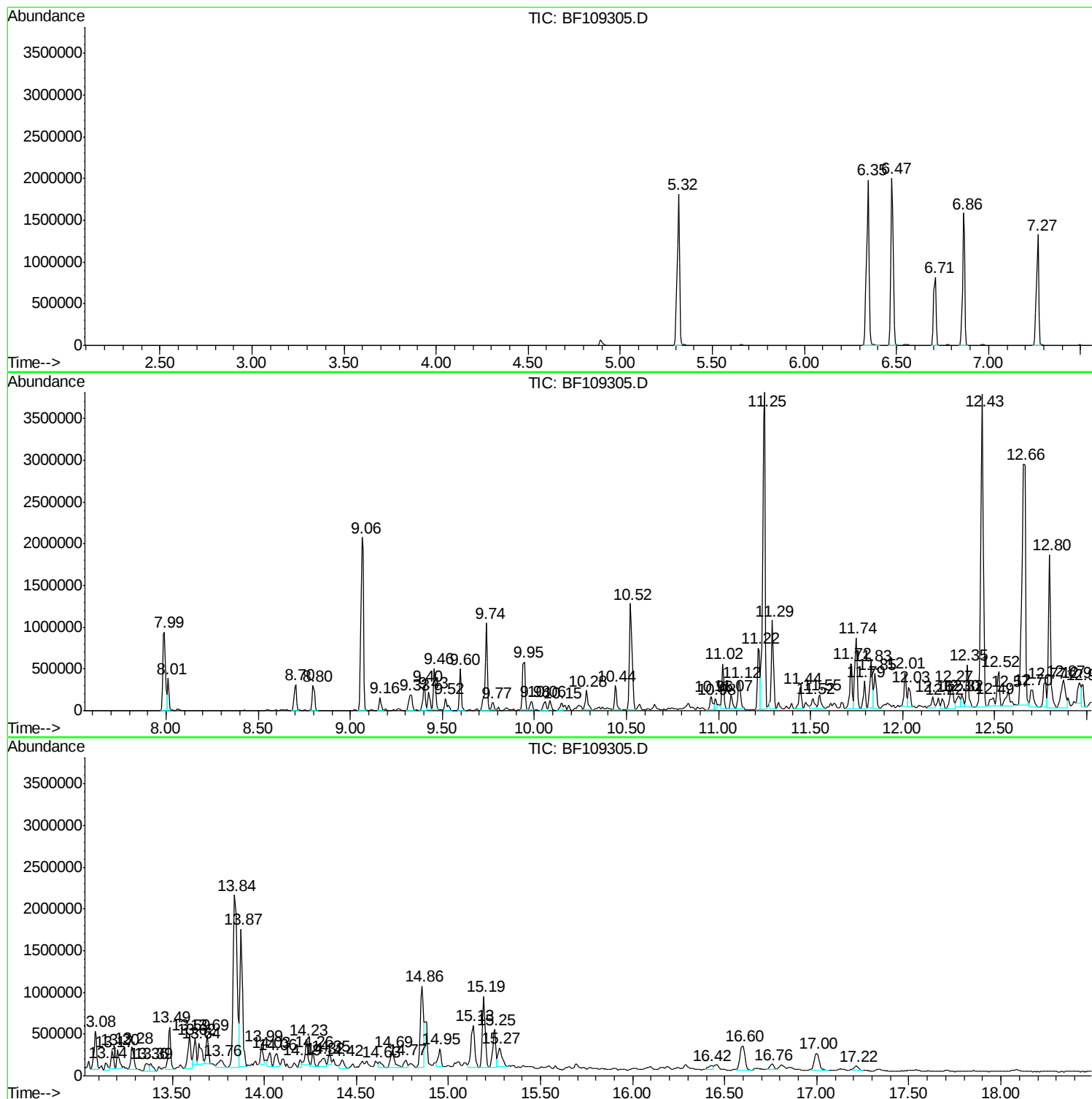
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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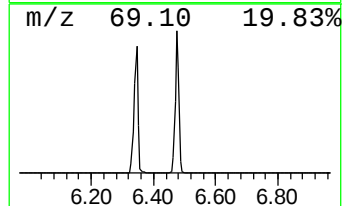
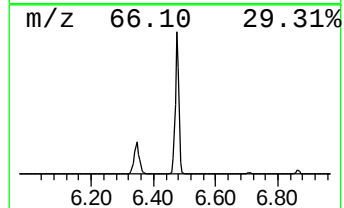
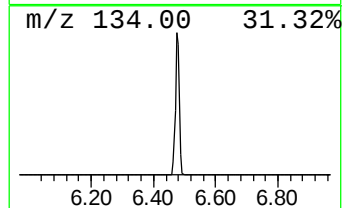
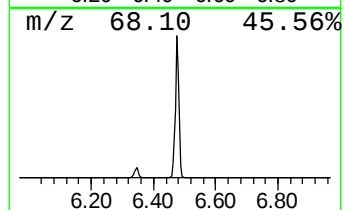
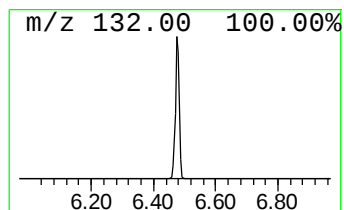
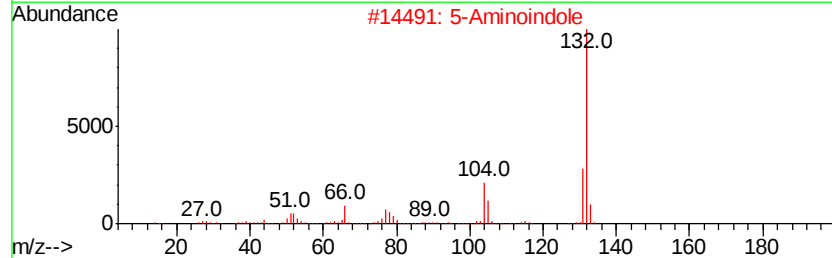
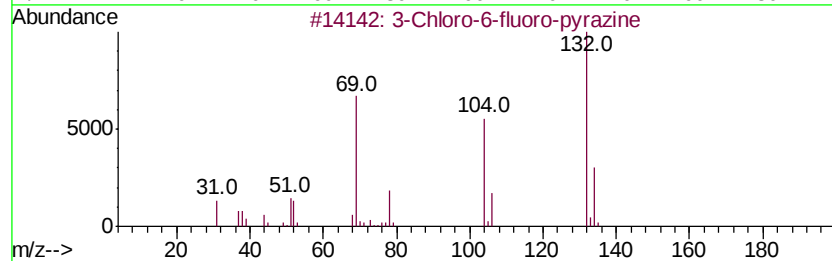
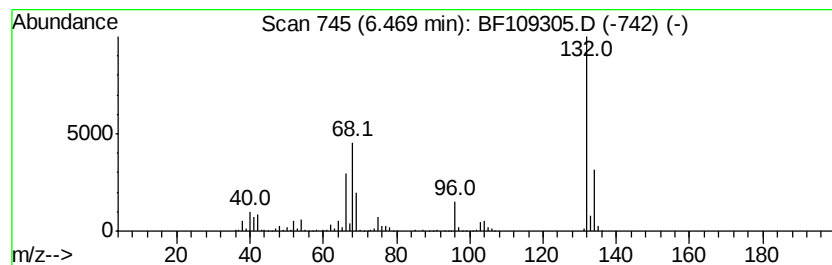
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	52.78 ng	1783080	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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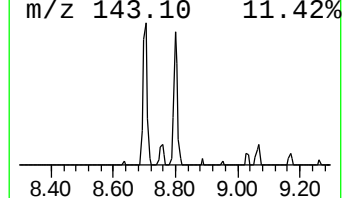
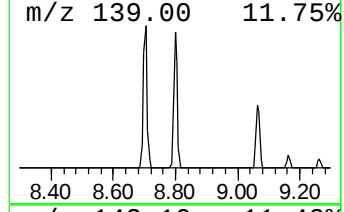
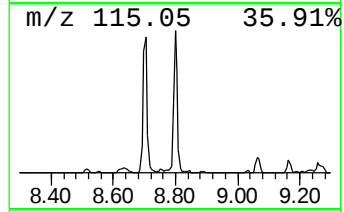
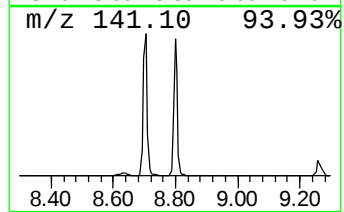
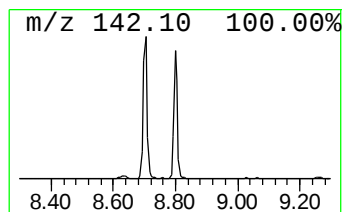
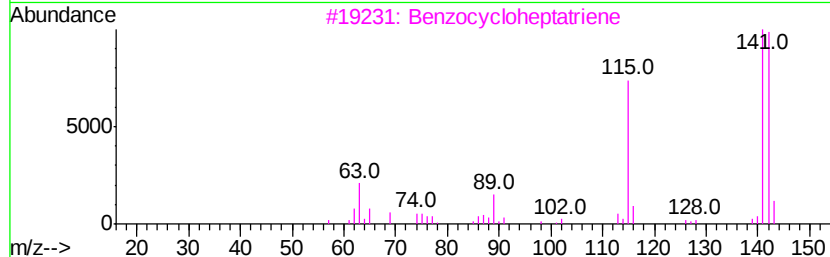
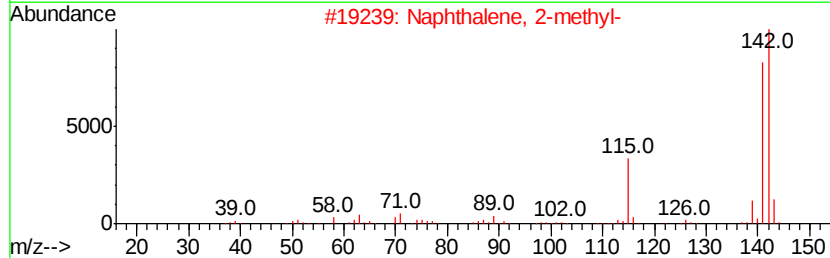
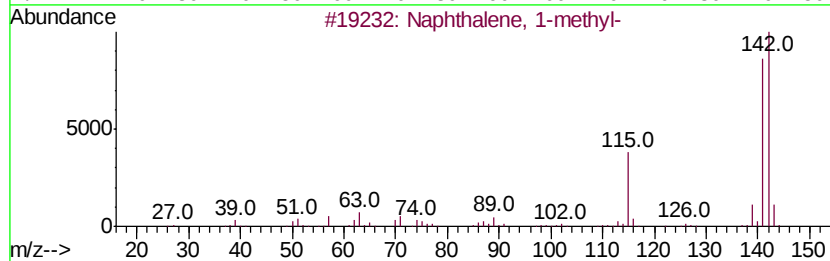
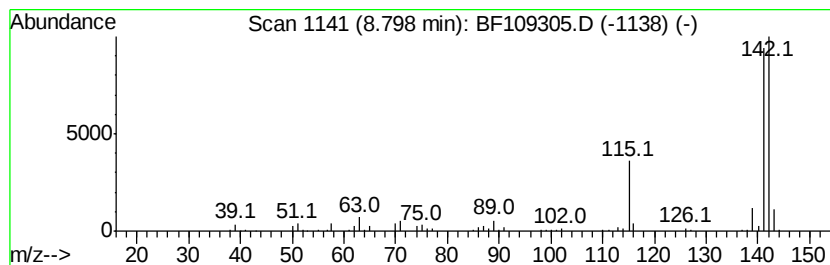
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.27 ng	241658	Naphthalene-d8	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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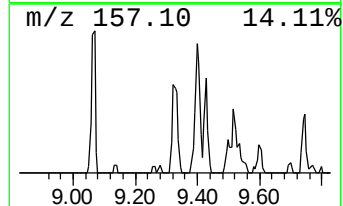
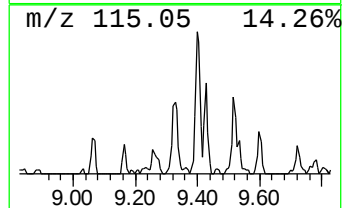
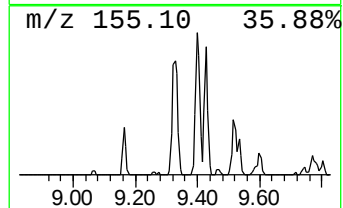
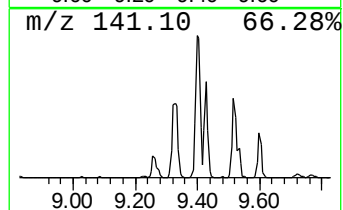
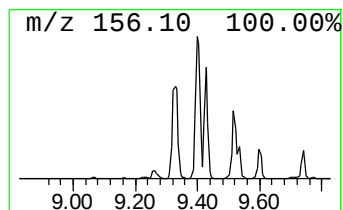
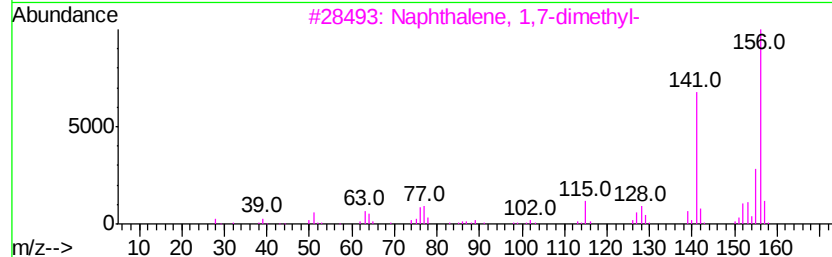
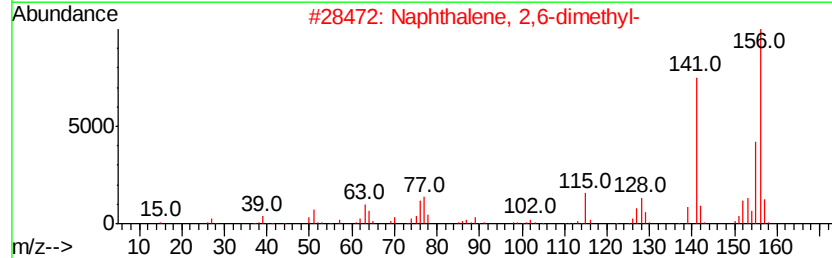
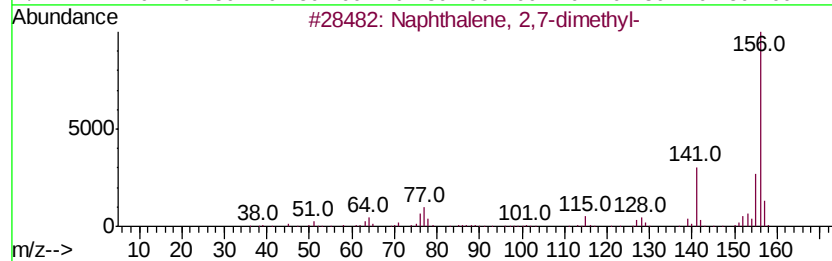
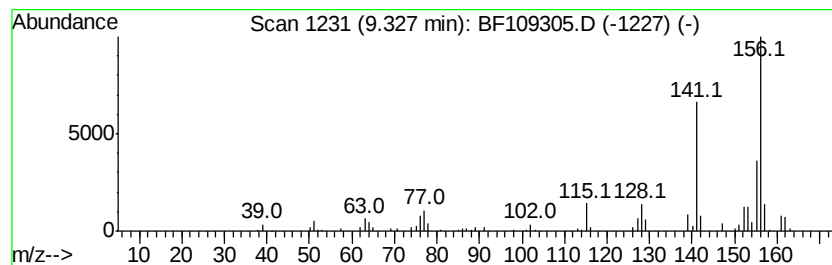
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Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.33	5.27 ng	247747	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
Misc :
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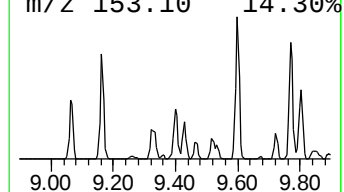
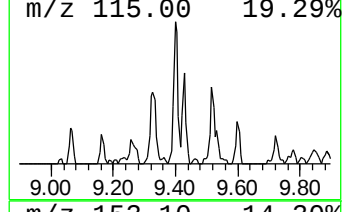
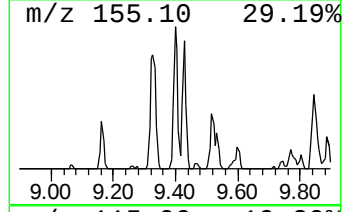
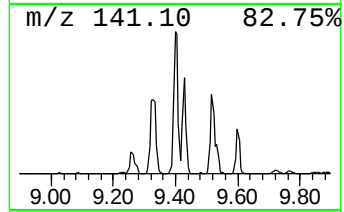
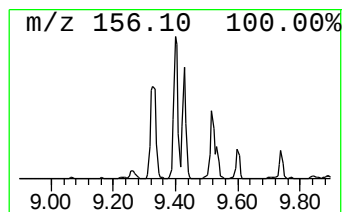
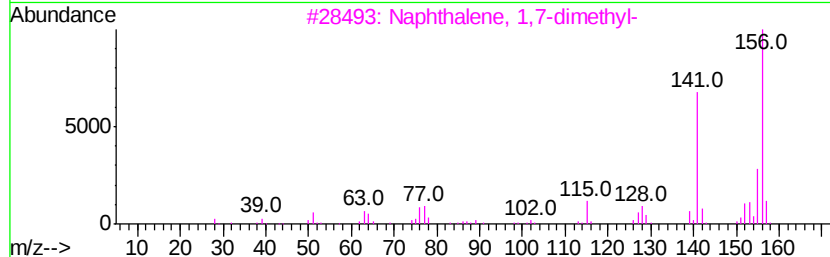
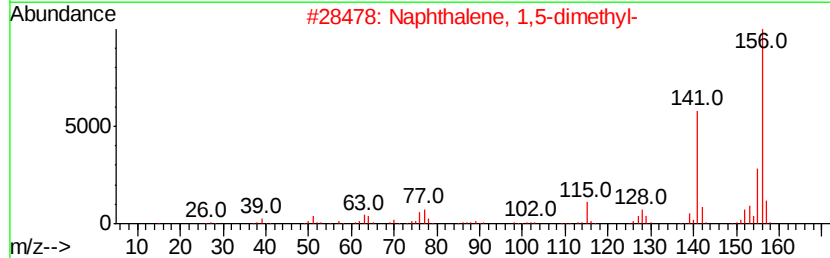
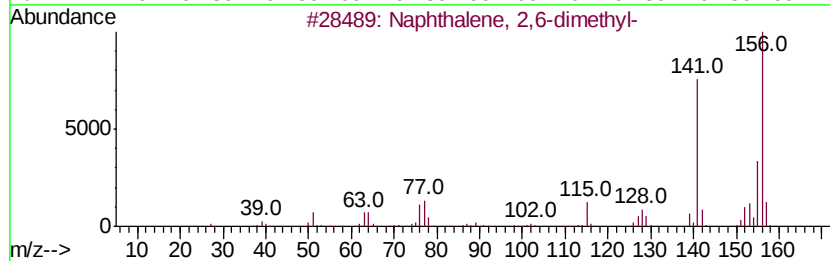
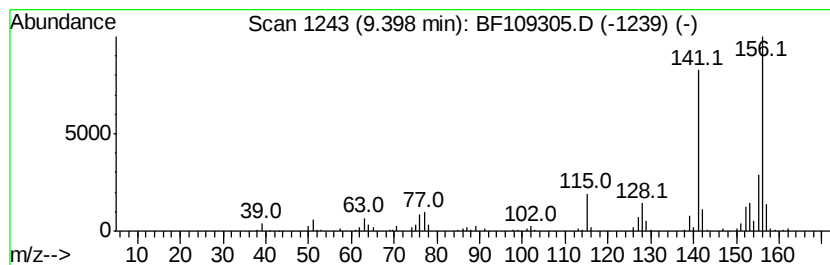
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.40	6.27 ng	294742	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

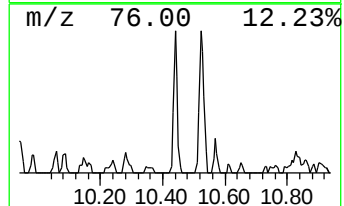
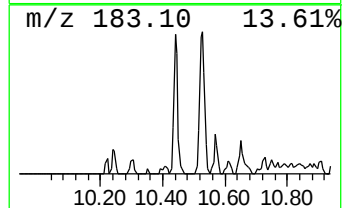
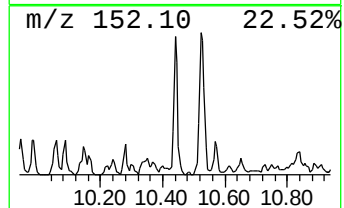
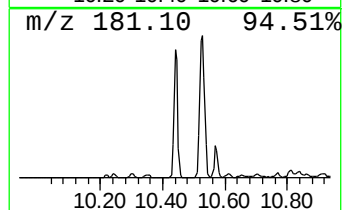
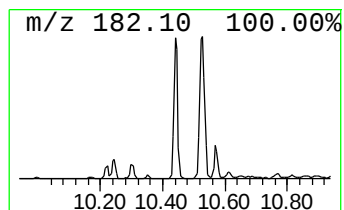
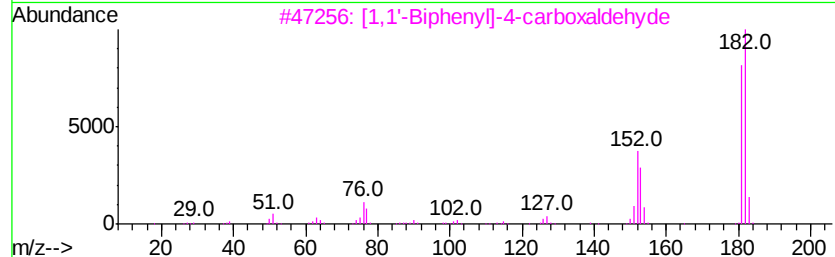
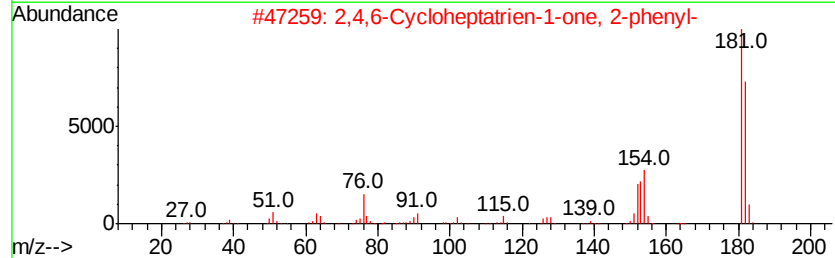
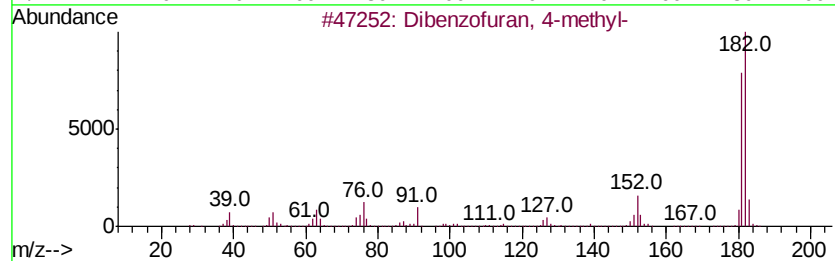
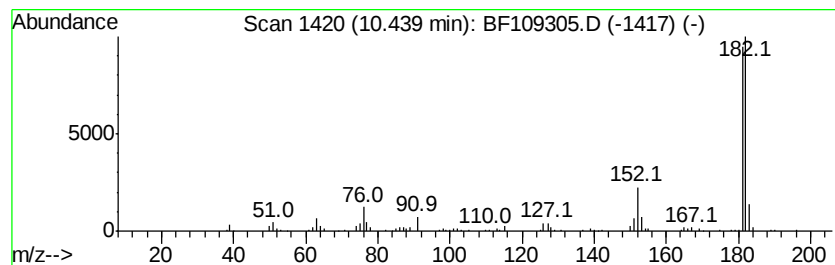
Instrument :
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ClientSampleId :
GRID06-COMP-092018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.60 ng	263177	Acenaphthene-d10	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 93
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
4		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 78
5		3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
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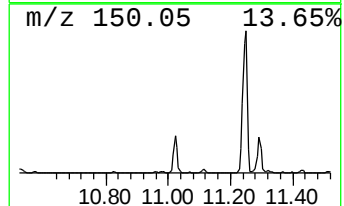
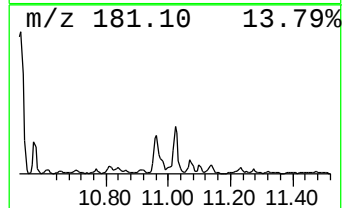
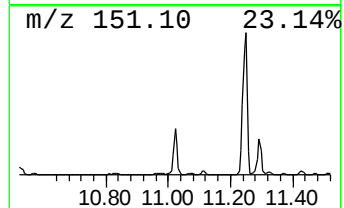
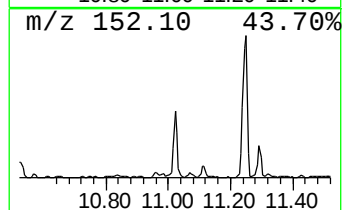
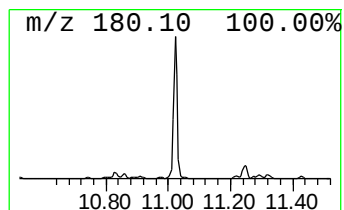
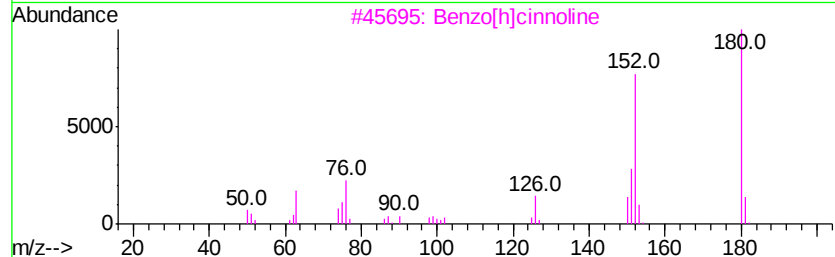
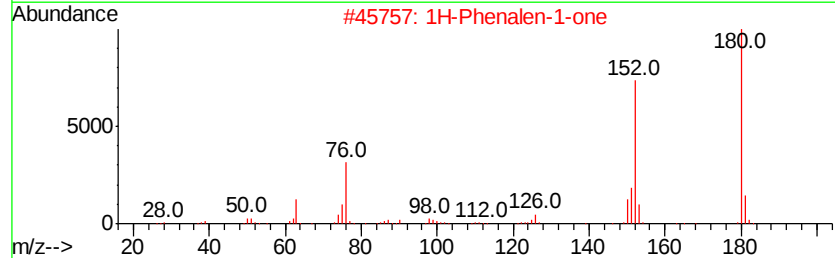
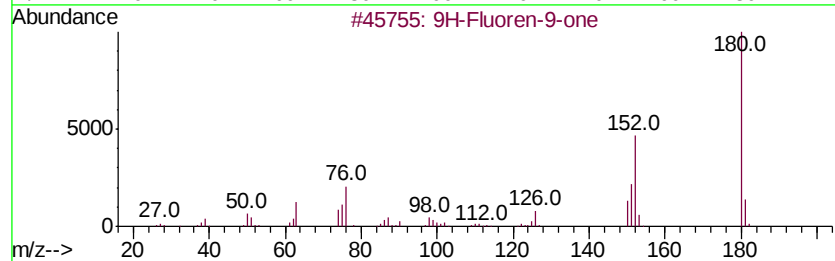
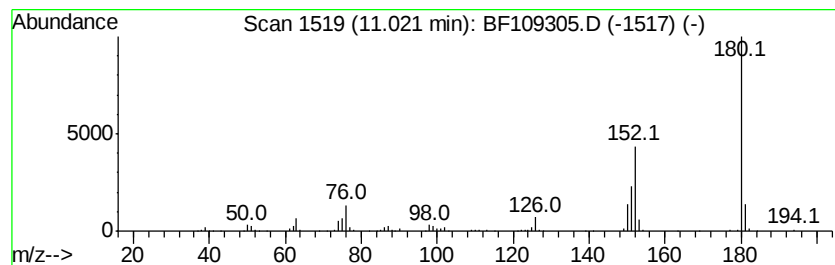
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.02	11.97 ng	461567	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	Phenazine	180	C12H8N2	000092-82-0	47
5	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
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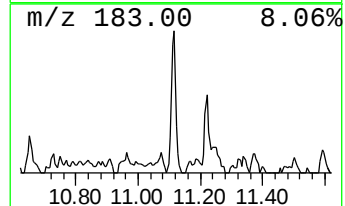
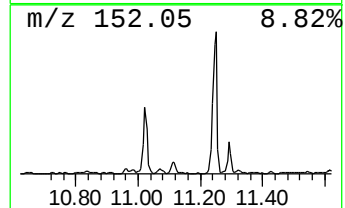
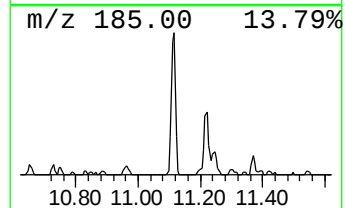
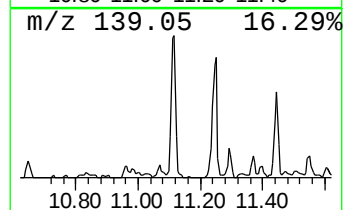
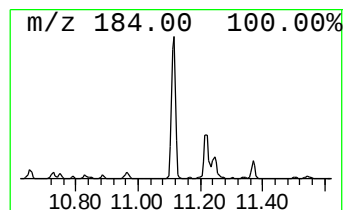
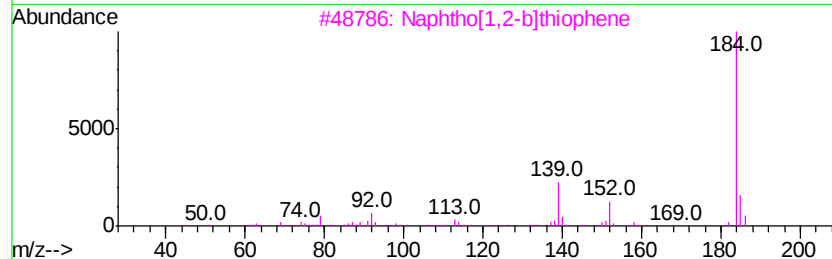
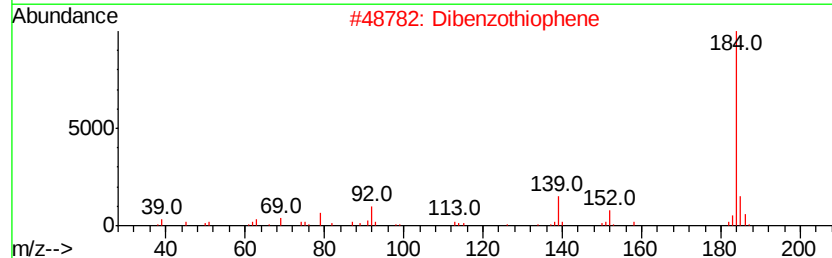
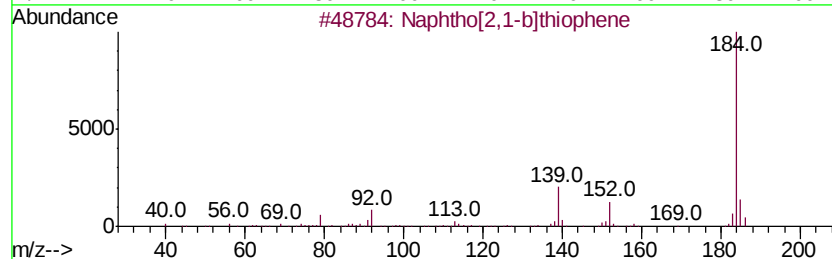
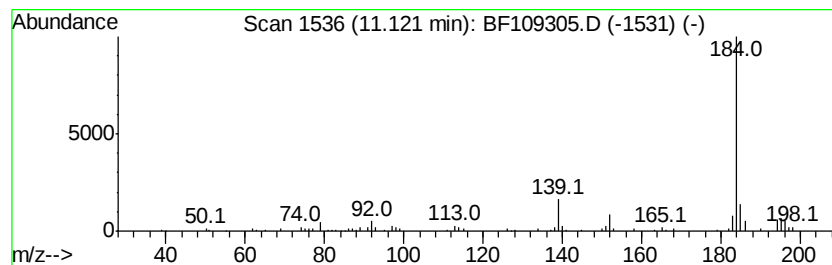
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.12	8.26 ng	318649	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
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Instrument :
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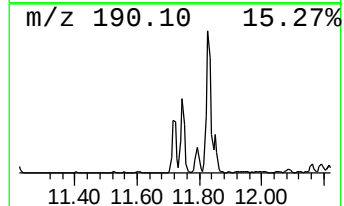
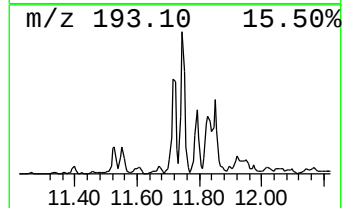
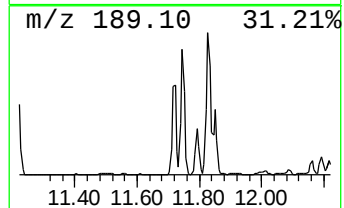
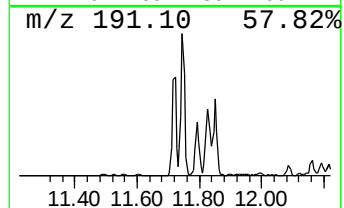
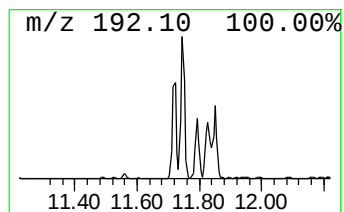
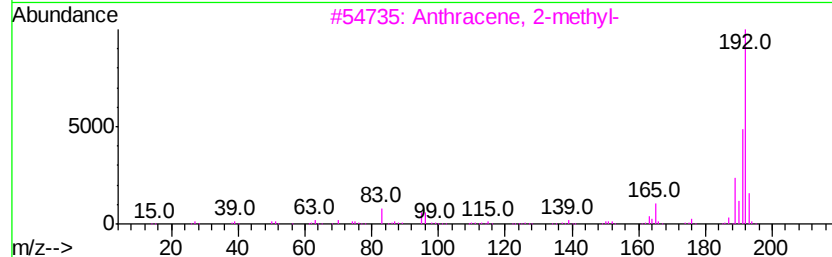
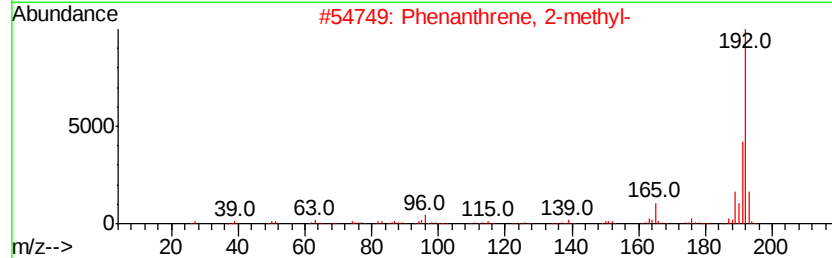
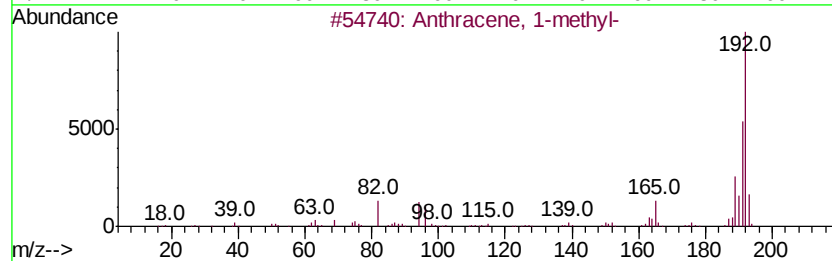
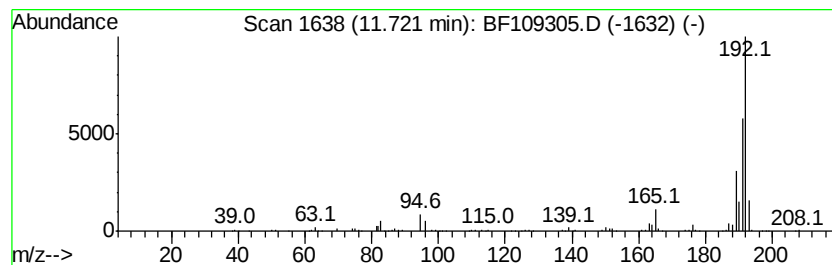
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	14.29 ng	551045	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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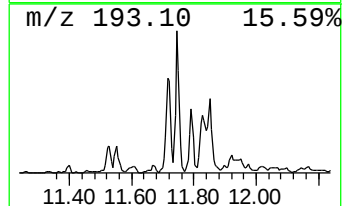
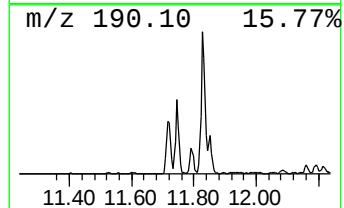
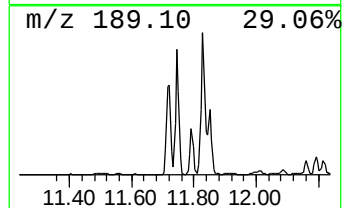
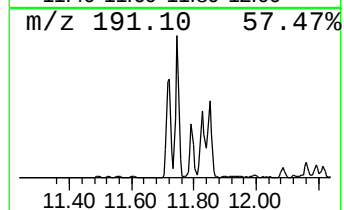
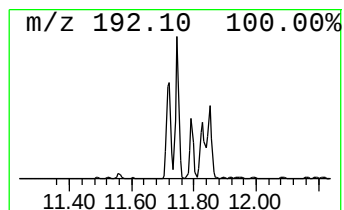
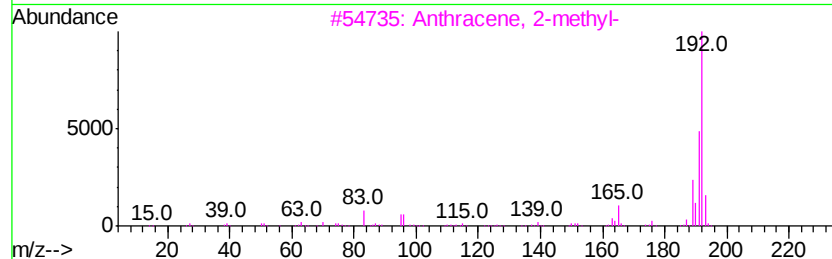
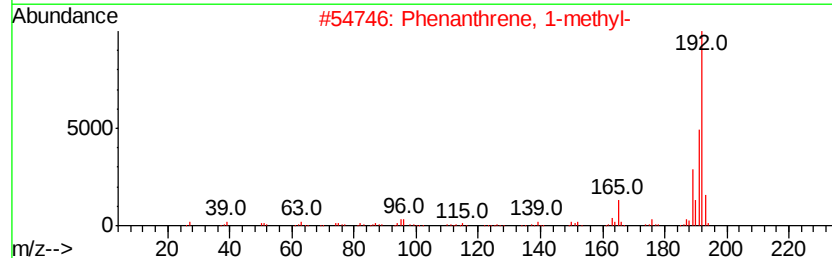
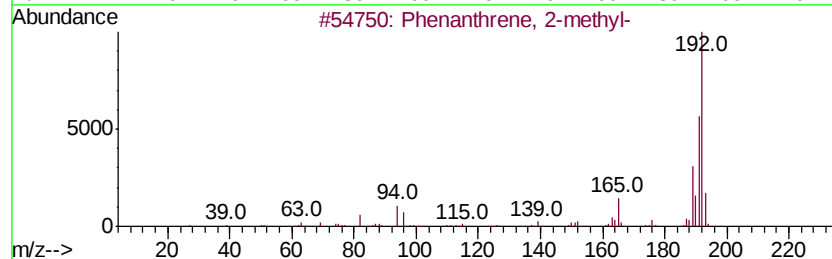
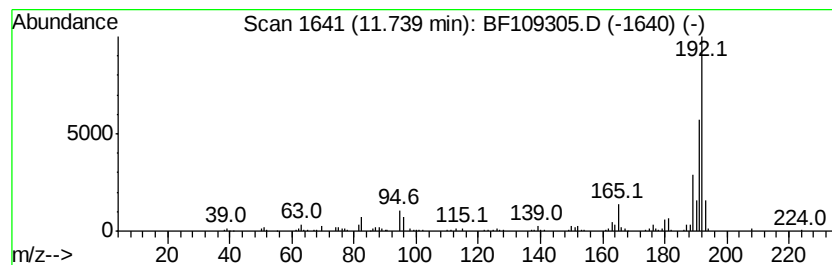
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	18.16 ng	700341	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
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ALS Vial : 25 Sample Multiplier: 1

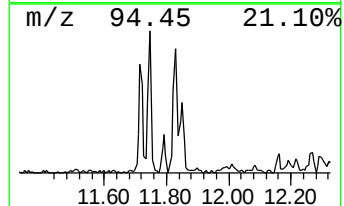
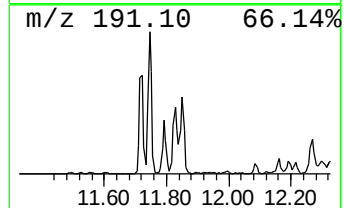
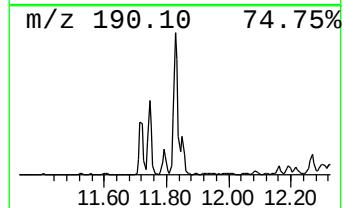
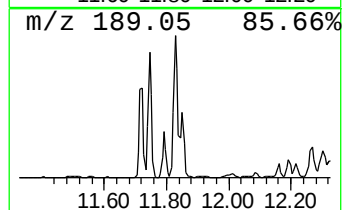
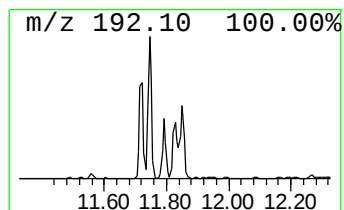
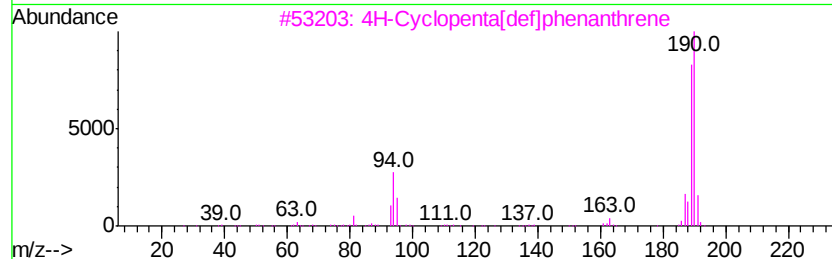
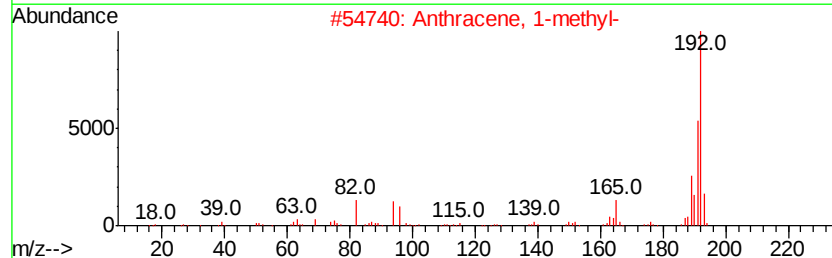
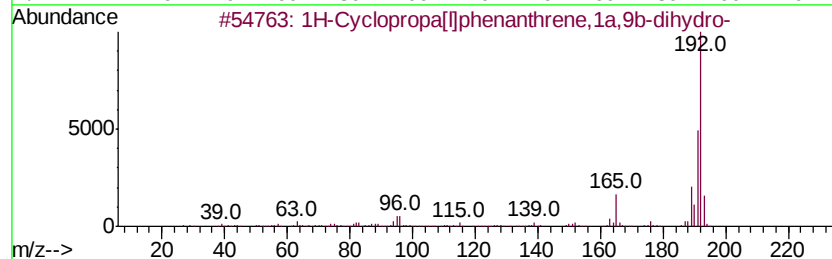
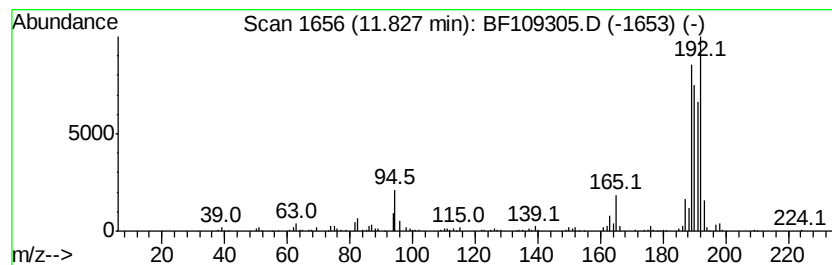
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	13.79 ng	531810	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

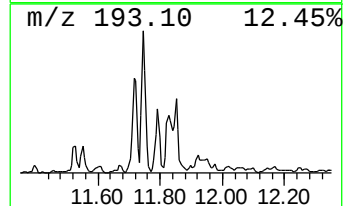
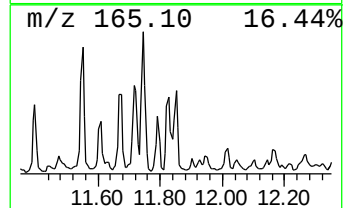
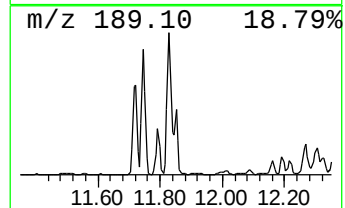
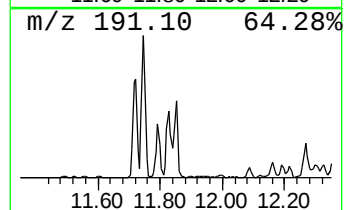
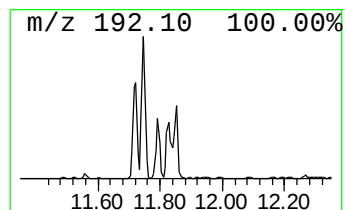
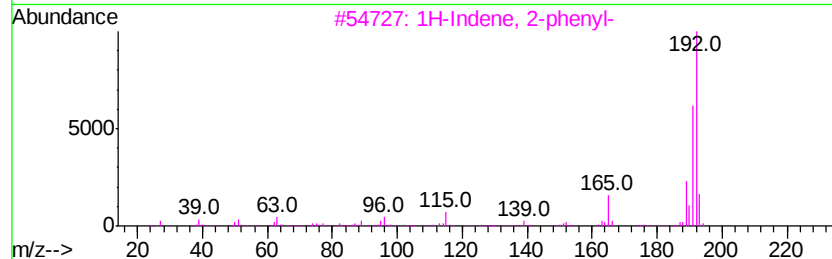
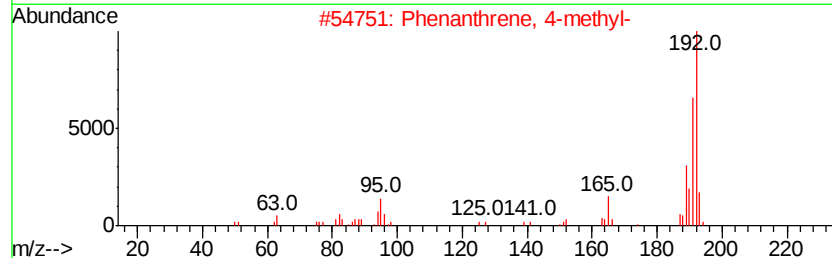
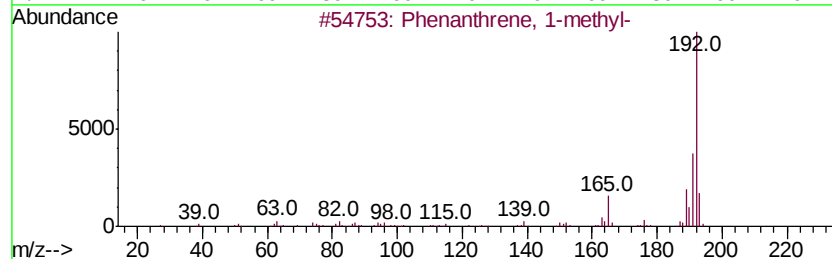
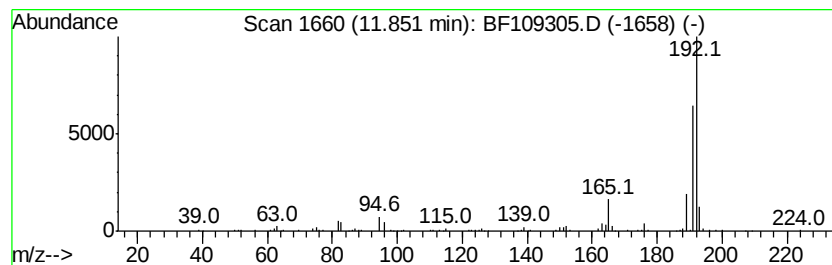
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	8.68 ng	334735	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
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Misc :
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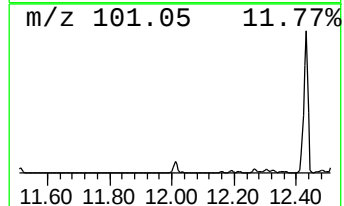
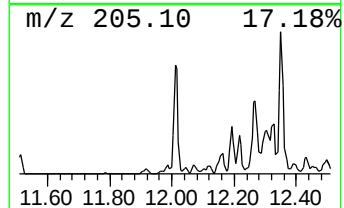
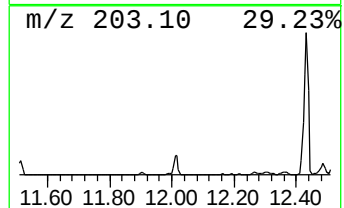
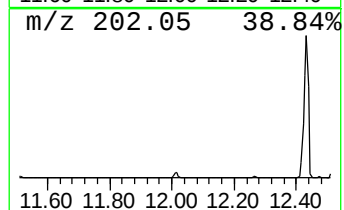
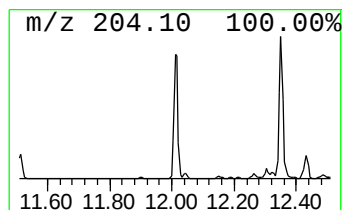
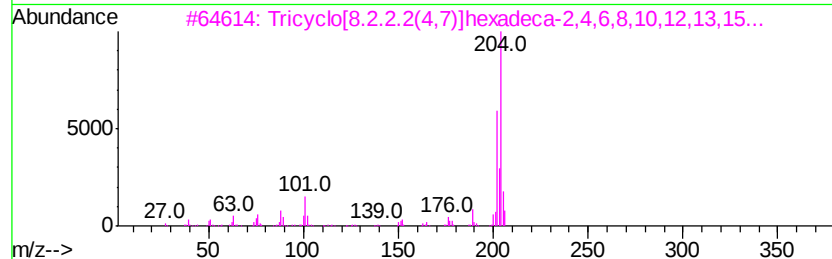
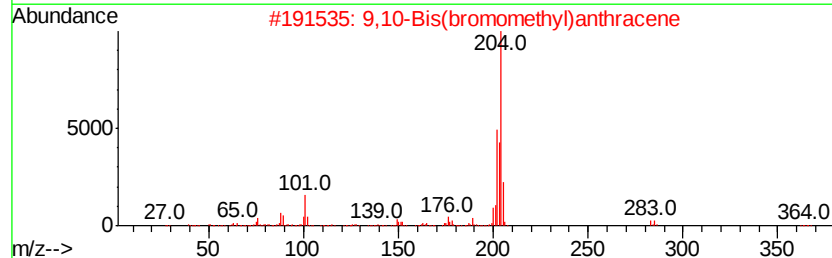
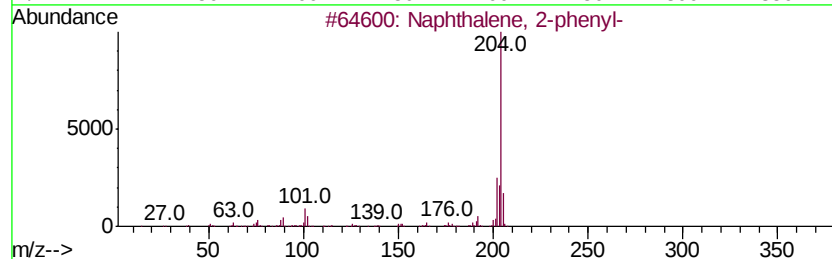
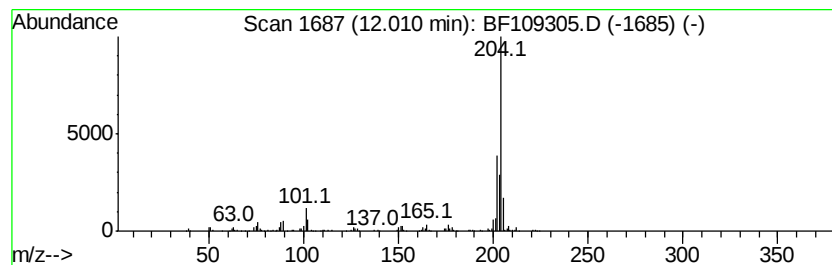
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	10.12 ng	390337	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
Operator : JU/SJ
Sample : J5044-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

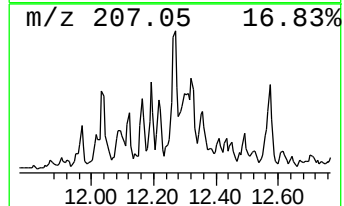
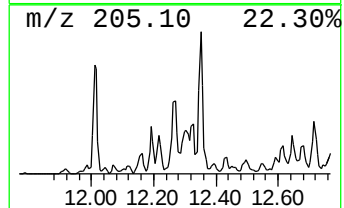
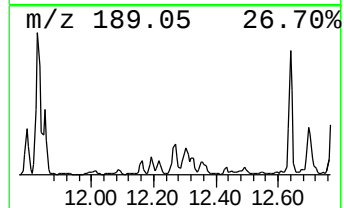
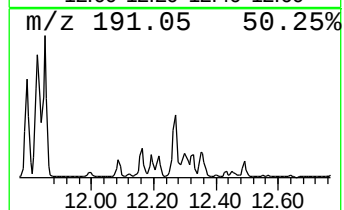
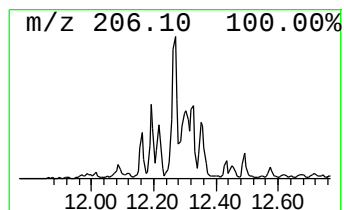
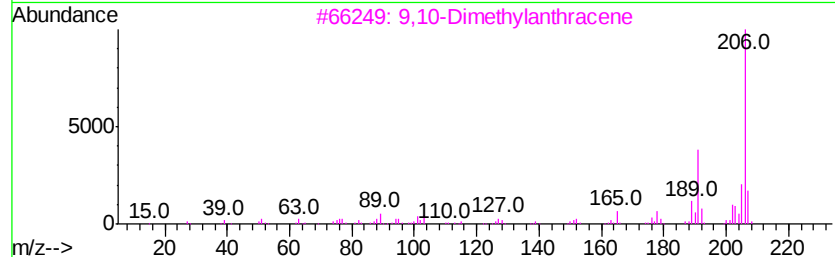
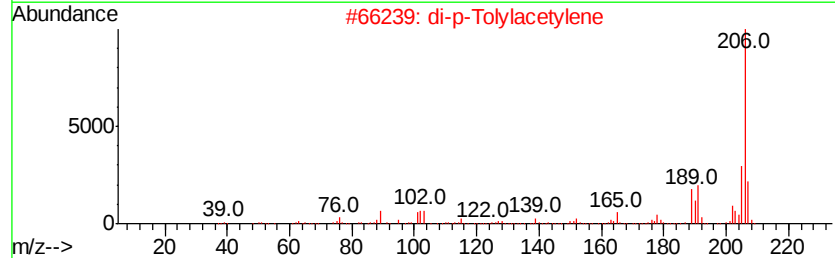
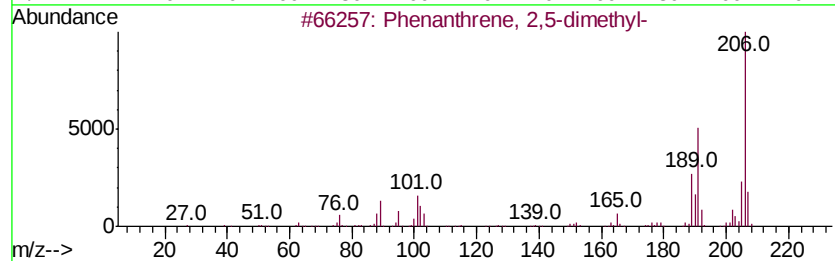
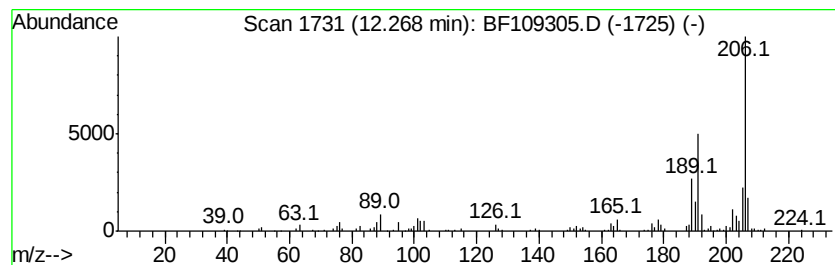
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.27	9.60 ng	370381	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylvene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
Acq On : 25 Sep 2018 23:54
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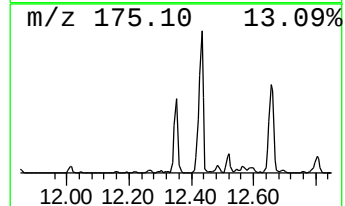
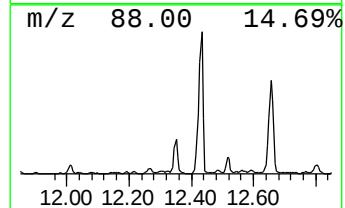
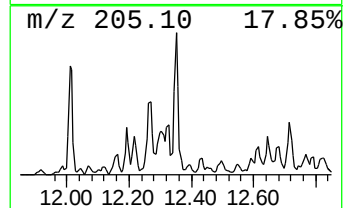
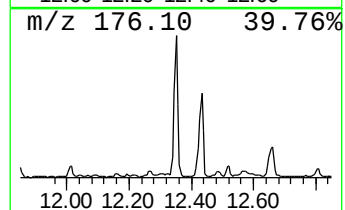
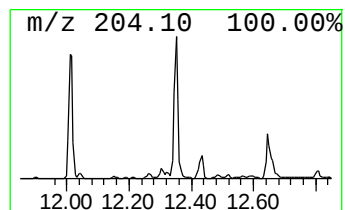
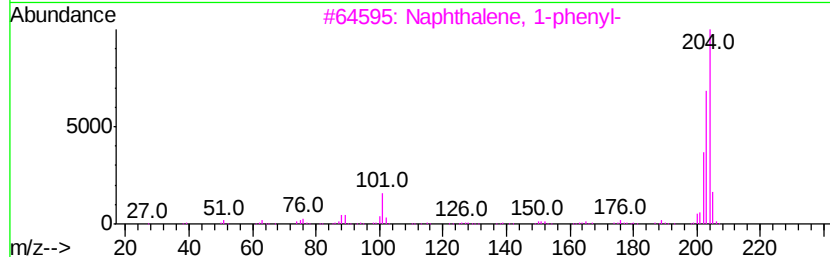
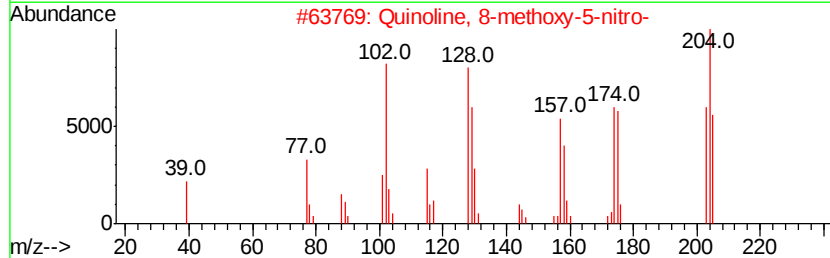
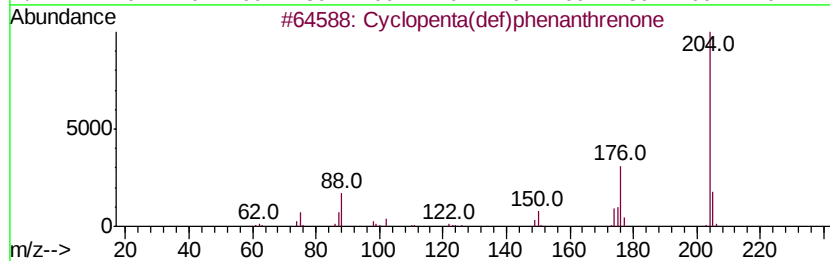
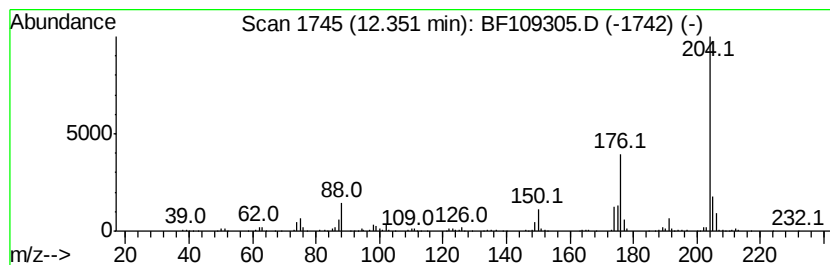
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	12.66 ng	488222	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
4		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109305.D
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Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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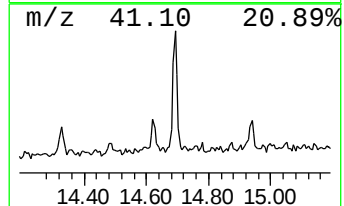
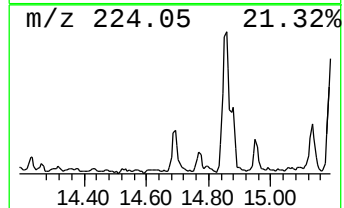
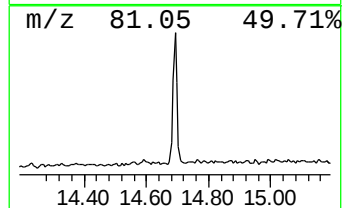
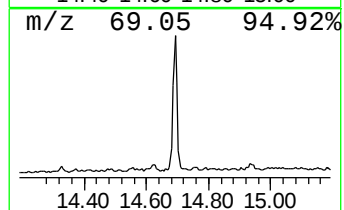
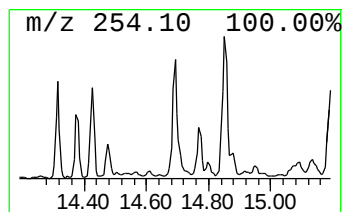
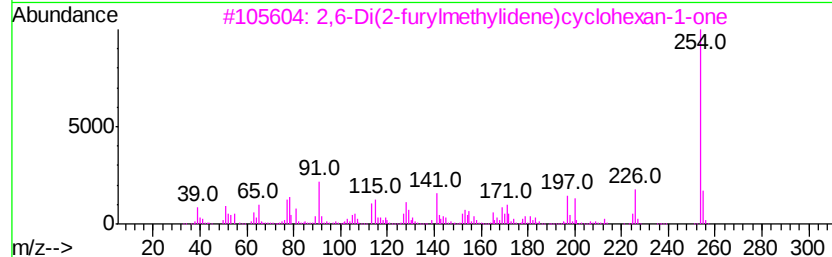
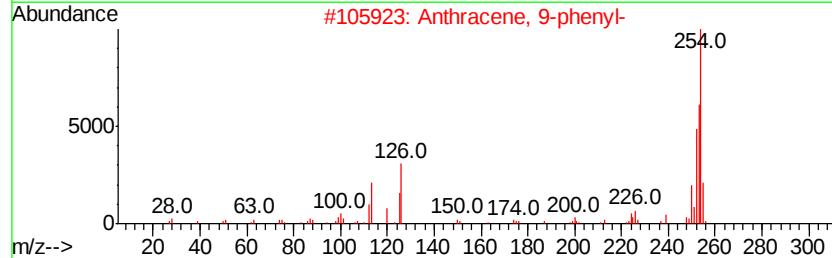
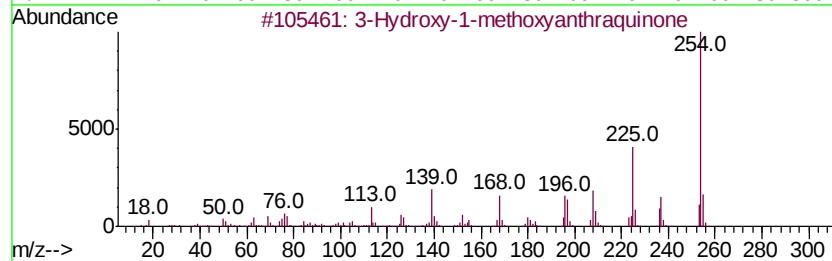
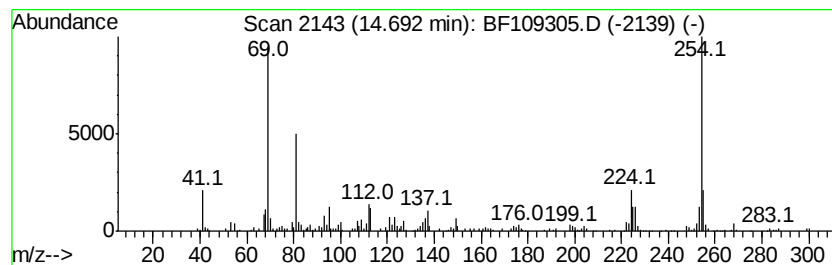
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.69 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	11.20 ng	312807	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hydroxy-1-methoxyvanthraquinone	254	C15H10O4	028504-24-7	43
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38
3		2,6-Di(2-furylmethylidene)cyclohexan-1-one	254	C16H14O3	000893-00-5	38
4		3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	38
5		Squalene	410	C30H50	000111-02-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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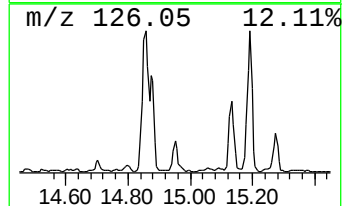
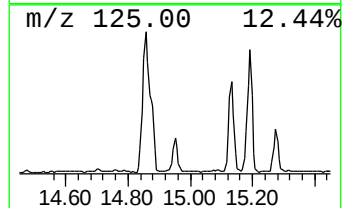
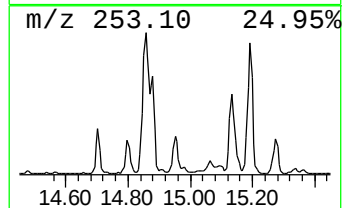
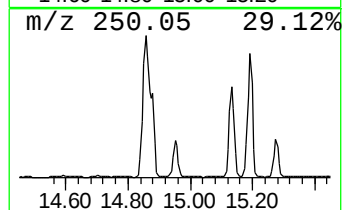
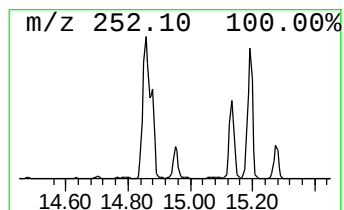
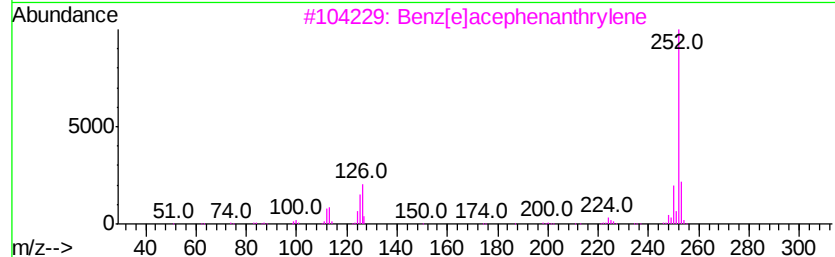
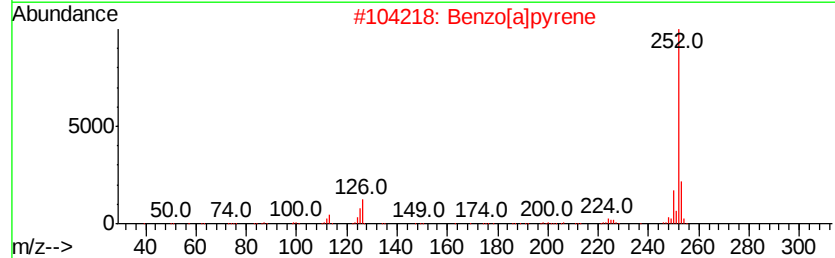
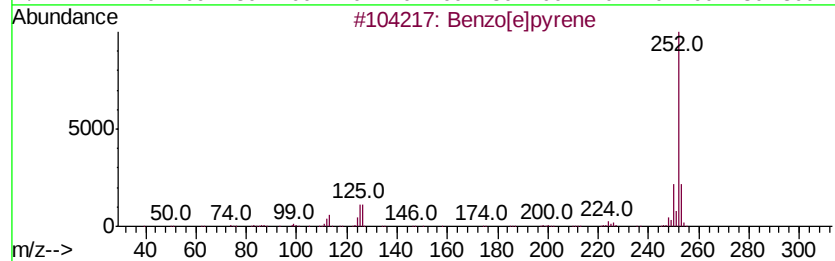
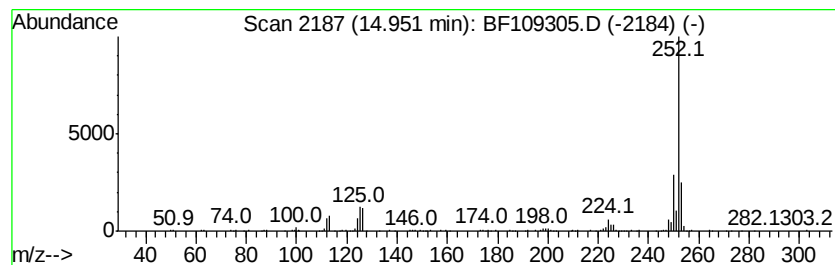
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	7.95 ng	222087	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109305.D
 Acq On : 25 Sep 2018 23:54
 Operator : JU/SJ
 Sample : J5044-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GRID06-COMP-092018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	52.8	ng	1783080	1	6.71	675674	20.0
Naphthalene, 1-me...	8.80	5.3	ng	241658	2	7.99	917708	20.0
Naphthalene, 2,7-...	9.33	5.3	ng	247747	3	9.74	940724	20.0
Naphthalene, 2,6-...	9.40	6.3	ng	294742	3	9.74	940724	20.0
Dibenzofuran, 4-m...	10.44	5.6	ng	263177	3	9.74	940724	20.0
9H-Fluoren-9-one	11.02	12.0	ng	461567	4	11.22	771500	20.0
Naphtho[2,1-b]thi...	11.12	8.3	ng	318649	4	11.22	771500	20.0
Anthracene, 1-met...	11.72	14.3	ng	551045	4	11.22	771500	20.0
Phenanthrene, 2-m...	11.74	18.2	ng	700341	4	11.22	771500	20.0
1H-Cyclopropa[l]p...	11.83	13.8	ng	531810	4	11.22	771500	20.0
Phenanthrene, 1-m...	11.85	8.7	ng	334735	4	11.22	771500	20.0
Naphthalene, 2-ph...	12.01	10.1	ng	390337	4	11.22	771500	20.0
Phenanthrene, 2,5...	12.27	9.6	ng	370381	4	11.22	771500	20.0
Cyclopenta(def)ph...	12.35	12.7	ng	488222	4	11.22	771500	20.0
unknown14.69	14.69	11.2	ng	312807	6	15.25	558536	20.0
Benzo[e]pyrene	14.95	8.0	ng	222087	6	15.25	558536	20.0