

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062118\
 Data File : BF106689.D
 Acq On : 22 Jun 2018 4:01
 Operator : JU/SJ
 Sample : J3603-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-2

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	5.201	483	487	494	rBV	81785	95681	5.73%	0.399%
2	5.607	552	556	567	rVB	1178828	1106587	66.26%	4.611%
3	6.607	721	726	736	rBV	1101558	1128053	67.54%	4.700%
4	6.737	744	748	752	rBV	1175827	1110968	66.52%	4.629%
5	6.960	783	786	790	rBB	444218	342184	20.49%	1.426%
6	7.119	809	813	816	rBV	930890	798568	47.82%	3.327%
7	7.525	877	882	885	rBV	774977	680222	40.73%	2.834%
8	8.242	1000	1004	1007	rBV	461606	416428	24.93%	1.735%
9	8.266	1007	1008	1011	rVB	81723	40711	2.44%	0.170%
10	8.954	1122	1125	1133	rBV	34415	32751	1.96%	0.136%
11	9.054	1139	1142	1147	rBB	36765	31455	1.88%	0.131%
12	9.319	1181	1187	1190	rBV	1002535	925283	55.40%	3.855%
13	9.660	1240	1245	1247	rBV	33811	34585	2.07%	0.144%
14	9.707	1250	1253	1260	rVB	134953	115878	6.94%	0.483%
15	9.860	1276	1279	1284	rBV2	49761	48802	2.92%	0.203%
16	9.913	1284	1288	1291	rVB2	32930	31676	1.90%	0.132%
17	10.001	1300	1303	1306	rBV	470134	391926	23.47%	1.633%
18	10.036	1306	1309	1312	rVB	127174	105172	6.30%	0.438%
19	10.160	1324	1330	1334	rBV3	18369	27841	1.67%	0.116%
20	10.207	1334	1338	1341	rBV2	57176	59481	3.56%	0.248%
21	10.313	1353	1356	1359	rBV2	26112	30090	1.80%	0.125%
22	10.413	1367	1373	1377	rBV2	56033	65649	3.93%	0.274%
23	10.548	1393	1396	1402	rBV	100173	99356	5.95%	0.414%
24	10.619	1406	1408	1409	rVV	28573	26942	1.61%	0.112%
25	10.636	1409	1411	1413	rVV2	43572	35927	2.15%	0.150%
26	10.707	1421	1423	1429	rVB	34571	33172	1.99%	0.138%
27	10.795	1434	1438	1441	rBV	752314	665107	39.82%	2.771%
28	10.889	1451	1454	1463	rVB4	48411	93613	5.61%	0.390%
29	11.101	1483	1490	1492	rBV3	50050	71982	4.31%	0.300%
30	11.183	1501	1504	1506	rVB2	22151	23392	1.40%	0.097%
31	11.225	1506	1511	1513	rBV3	33553	49147	2.94%	0.205%
32	11.248	1513	1515	1519	rVB2	31660	30283	1.81%	0.126%
33	11.295	1521	1523	1527	rVB	43619	40626	2.43%	0.169%
34	11.336	1527	1530	1531	rBV	57991	46165	2.76%	0.192%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.389	1537	1539	1544	rVB	72278	63887	3.83%	0.266%
36	11.495	1553	1557	1559	rBV	505110	449524	26.92%	1.873%
37	11.525	1559	1562	1565	rVV	976142	894597	53.57%	3.728%
38	11.572	1567	1570	1573	rVV	256509	210318	12.59%	0.876%
39	11.601	1573	1575	1578	rVB	31254	33772	2.02%	0.141%
40	11.725	1592	1596	1600	rBV2	98848	126329	7.56%	0.526%
41	11.789	1605	1607	1609	rVV	34712	26993	1.62%	0.112%
42	11.825	1610	1613	1619	rVB2	47333	49992	2.99%	0.208%
43	11.907	1624	1627	1632	rVB3	29149	36321	2.17%	0.151%
44	11.995	1639	1642	1645	rVV	236909	218463	13.08%	0.910%
45	12.025	1645	1647	1650	rVB	324260	256888	15.38%	1.070%
46	12.072	1650	1655	1658	rBV	124074	115122	6.89%	0.480%
47	12.113	1658	1662	1664	rVV2	320253	362612	21.71%	1.511%
48	12.130	1664	1665	1669	rVB	179087	133027	7.97%	0.554%
49	12.178	1670	1673	1675	rVB3	30334	27839	1.67%	0.116%
50	12.289	1689	1692	1695	rVV	161767	149313	8.94%	0.622%
51	12.319	1695	1697	1703	rVV	99016	97676	5.85%	0.407%
52	12.366	1703	1705	1708	rVV	33415	26072	1.56%	0.109%
53	12.442	1715	1718	1721	rVB	68410	56407	3.38%	0.235%
54	12.472	1721	1723	1725	rBV	61380	45697	2.74%	0.190%
55	12.495	1725	1727	1730	rVB	50261	36808	2.20%	0.153%
56	12.548	1732	1736	1739	rBV	166879	186705	11.18%	0.778%
57	12.589	1739	1743	1745	rVV2	86624	107413	6.43%	0.448%
58	12.636	1748	1751	1756	rBV4	115079	149781	8.97%	0.624%
59	12.719	1760	1765	1768	rBV	1401688	1342030	80.36%	5.592%
60	12.754	1768	1771	1773	rBV2	43242	38246	2.29%	0.159%
61	12.777	1773	1775	1778	rVB2	57627	46215	2.77%	0.193%
62	12.807	1778	1780	1783	rBV	67850	58375	3.50%	0.243%
63	12.842	1783	1786	1788	rBV2	28225	32184	1.93%	0.134%
64	12.866	1788	1790	1792	rBV	49465	37112	2.22%	0.155%
65	12.954	1797	1805	1809	rBV	1347603	1670082	100.00%	6.959%
66	12.989	1809	1811	1816	rVB2	102644	114262	6.84%	0.476%
67	13.077	1820	1826	1829	rBV	991993	978857	58.61%	4.079%
68	13.160	1836	1840	1844	rBV2	129853	220554	13.21%	0.919%
69	13.272	1851	1859	1862	rVV	281737	418980	25.09%	1.746%
70	13.336	1867	1870	1873	rVV	181344	161146	9.65%	0.671%
71	13.377	1873	1877	1879	rVV2	210859	226590	13.57%	0.944%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	13.401	1879	1881	1884	rVB	61050	51481	3.08%	0.215%
73	13.430	1884	1886	1890	rBV2	33591	32072	1.92%	0.134%
74	13.472	1890	1893	1895	rBV	133258	114569	6.86%	0.477%
75	13.501	1895	1898	1901	rVB	151324	130299	7.80%	0.543%
76	13.754	1938	1941	1943	rBV2	48227	60027	3.59%	0.250%
77	13.783	1943	1946	1950	rVB	125025	142552	8.54%	0.594%
78	13.895	1960	1965	1967	rBV3	124312	164192	9.83%	0.684%
79	13.919	1967	1969	1972	rVV	154700	137004	8.20%	0.571%
80	13.954	1972	1975	1978	rVV2	131352	190290	11.39%	0.793%
81	13.989	1978	1981	1989	rVB	132086	152443	9.13%	0.635%
82	14.066	1989	1994	1999	rBV2	44565	89745	5.37%	0.374%
83	14.142	2000	2007	2010	rBV2	790328	1193549	71.47%	4.973%
84	14.171	2010	2012	2020	rVB	633767	626873	37.54%	2.612%
85	14.254	2023	2026	2028	rBV	104549	86910	5.20%	0.362%
86	14.501	2065	2068	2069	rBV	45040	39528	2.37%	0.165%
87	14.536	2071	2074	2077	rVV	148832	146675	8.78%	0.611%
88	14.571	2077	2080	2082	rVV	75709	67483	4.04%	0.281%
89	14.666	2093	2096	2098	rBV	57078	49676	2.97%	0.207%
90	14.689	2098	2100	2104	rVB2	73217	63941	3.83%	0.266%
91	15.224	2186	2191	2194	rBV	346980	565551	33.86%	2.357%
92	15.336	2207	2210	2214	rBV	71766	85776	5.14%	0.357%
93	15.436	2223	2227	2232	rBV5	25593	59451	3.56%	0.248%
94	15.548	2242	2246	2252	rVB	217195	290946	17.42%	1.212%
95	15.618	2253	2258	2262	rVV	326925	426328	25.53%	1.776%
96	15.683	2264	2269	2272	rVV	215888	316126	18.93%	1.317%
97	15.713	2272	2274	2281	rVB2	96622	134036	8.03%	0.558%
98	17.248	2529	2535	2544	rBV2	127505	273880	16.40%	1.141%
99	17.724	2611	2616	2627	rVB	99584	224919	13.47%	0.937%
100	17.983	2656	2660	2666	rVB	21934	41092	2.46%	0.171%

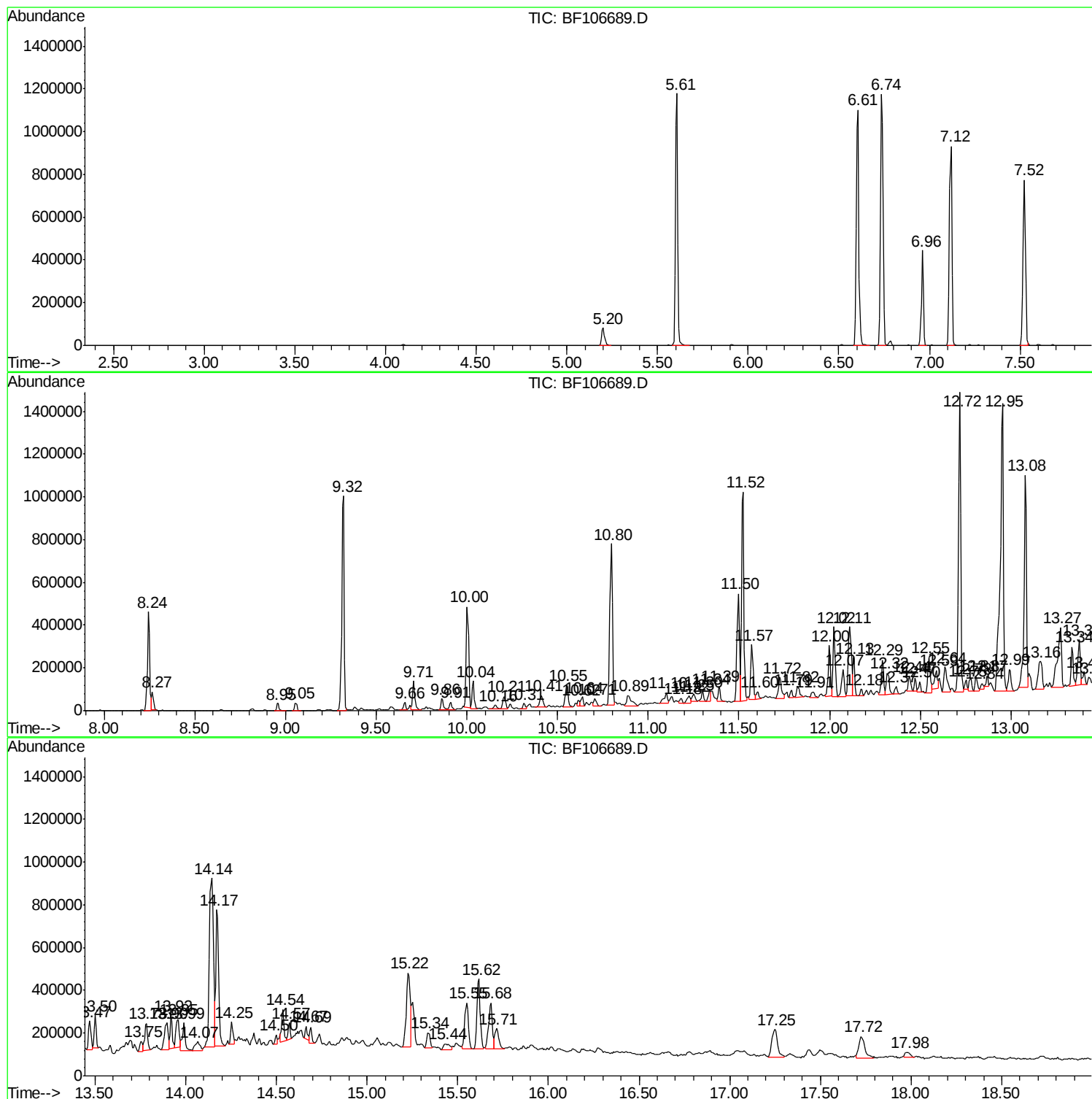
Sum of corrected areas: 23999306

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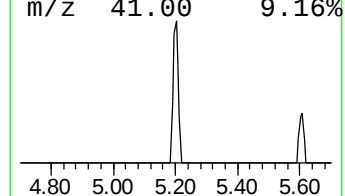
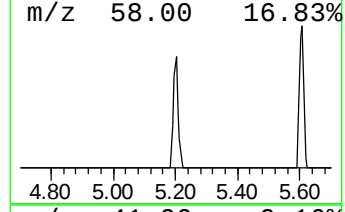
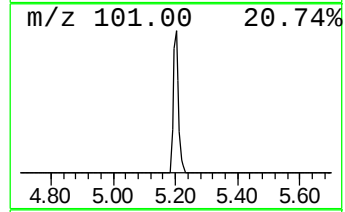
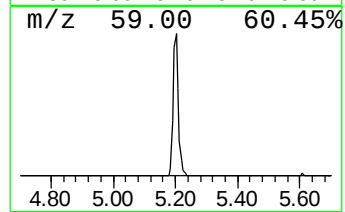
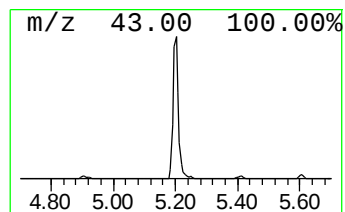
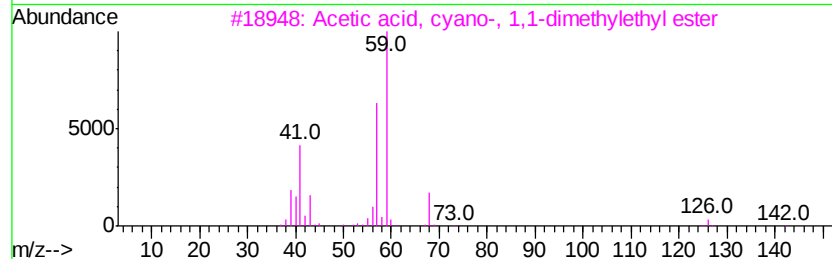
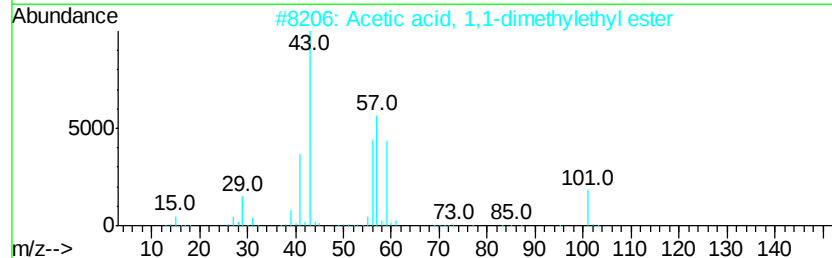
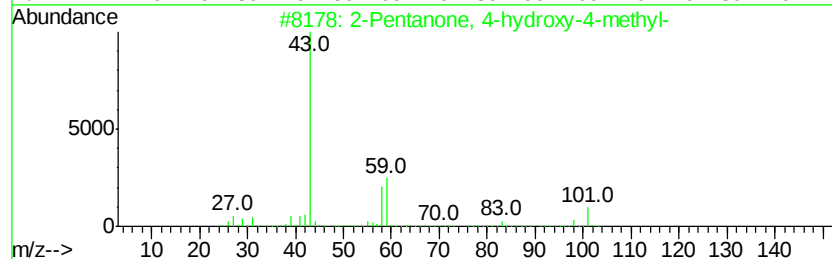
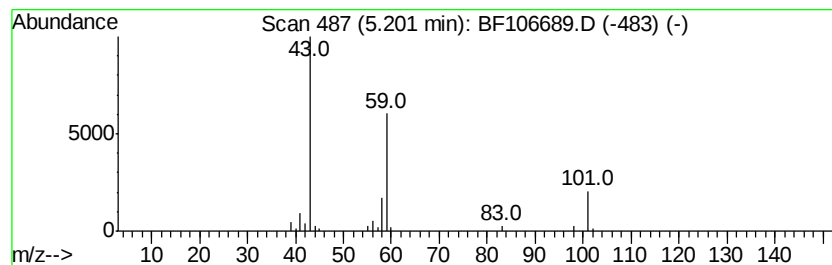
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.59 ng	95681	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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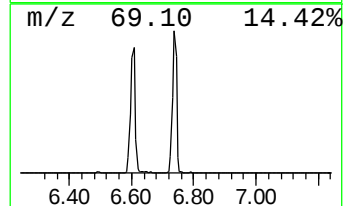
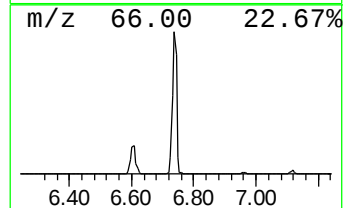
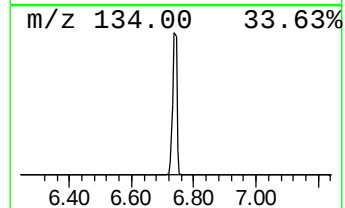
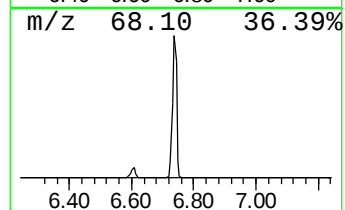
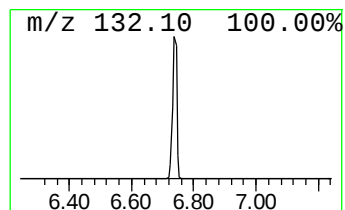
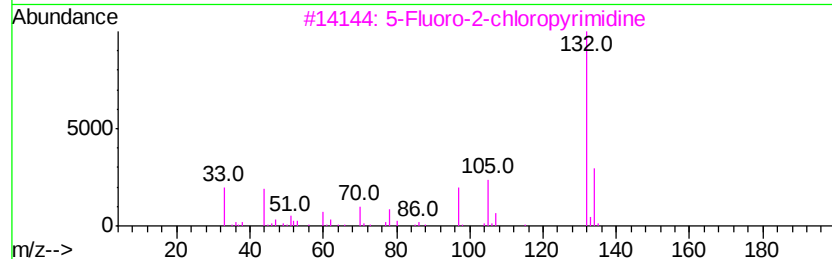
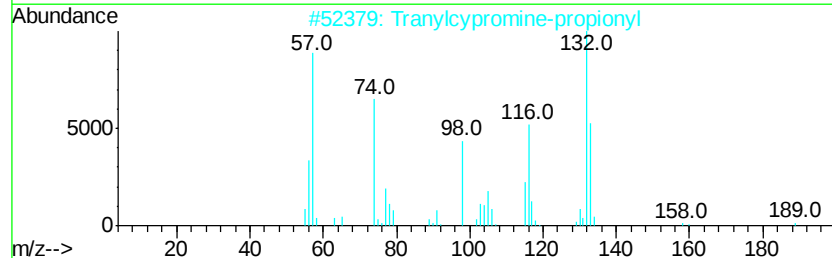
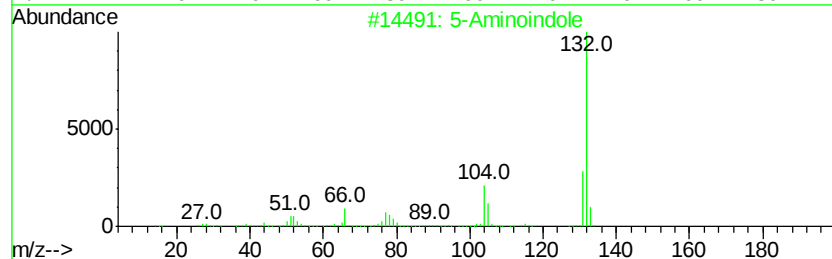
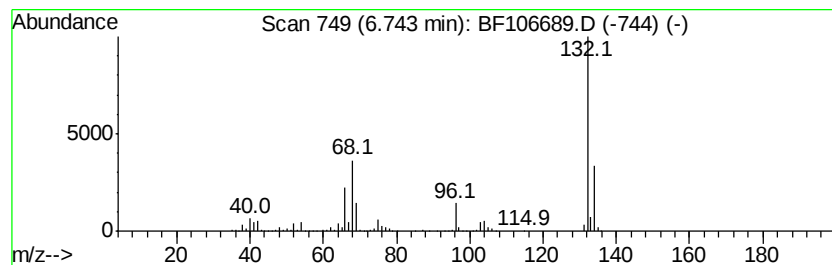
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	64.93 ng	1110970	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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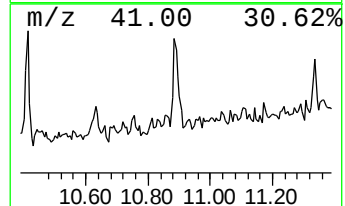
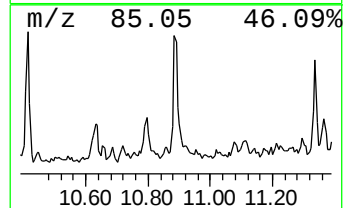
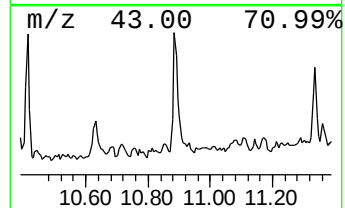
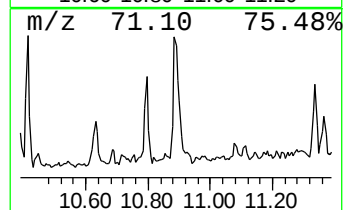
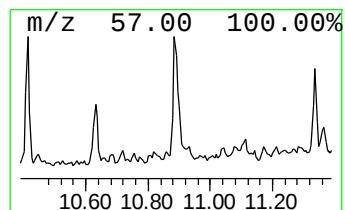
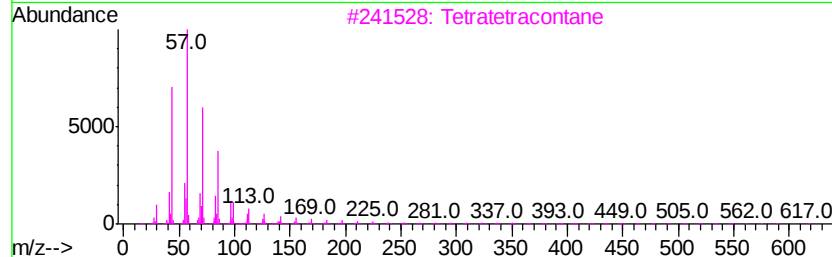
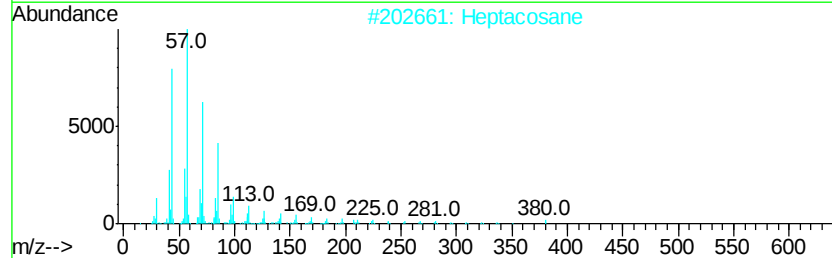
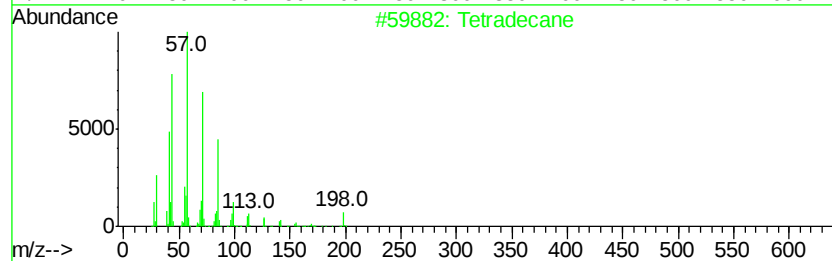
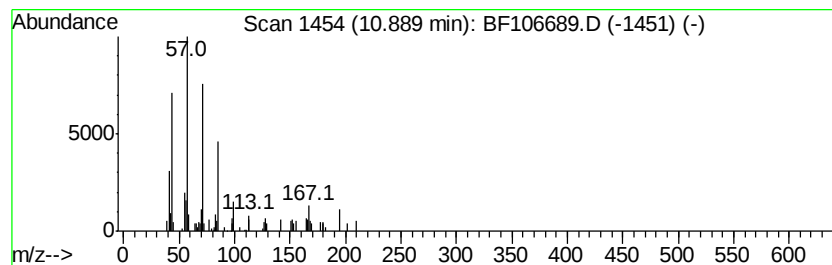
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	4.16 ng	93613	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	68
2		Heptacosane	380	C27H56	000593-49-7	68
3		Tetratetracontane	619	C44H90	007098-22-8	64
4		Hexatriacontane	507	C36H74	000630-06-8	64
5		Heneicosane	296	C21H44	000629-94-7	64



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Acq On : 22 Jun 2018 4:01
Operator : JU/SJ
Sample : J3603-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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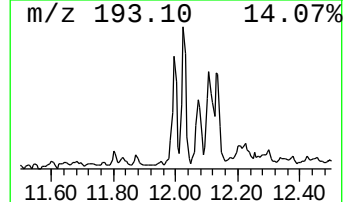
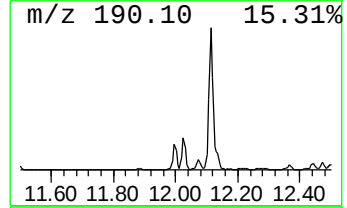
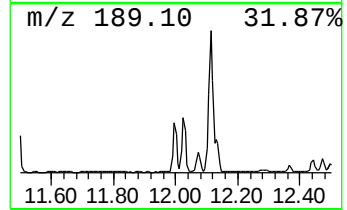
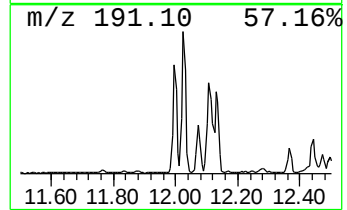
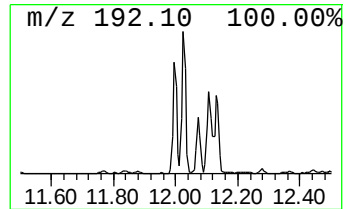
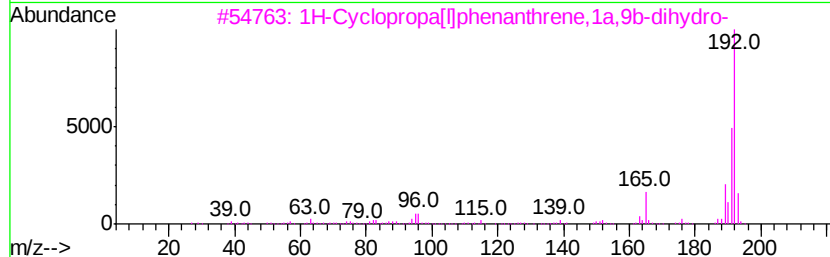
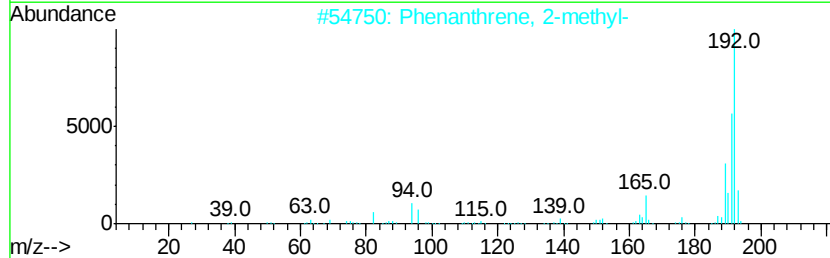
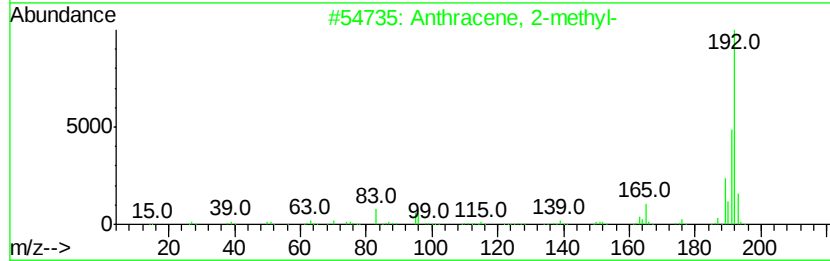
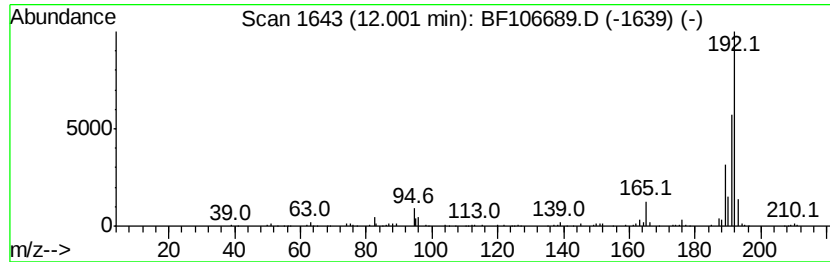
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	9.72 ng	218463	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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ClientSampleId :
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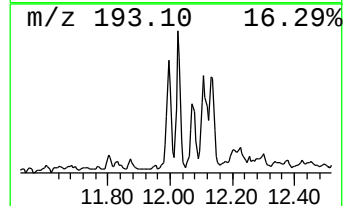
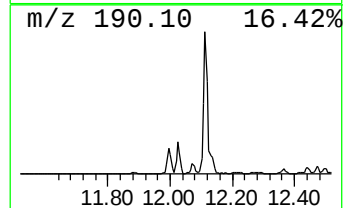
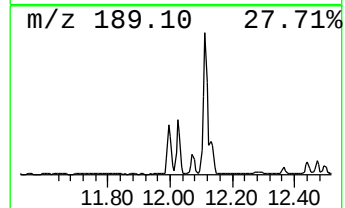
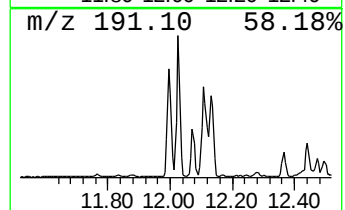
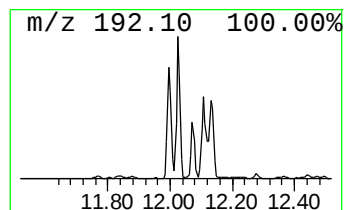
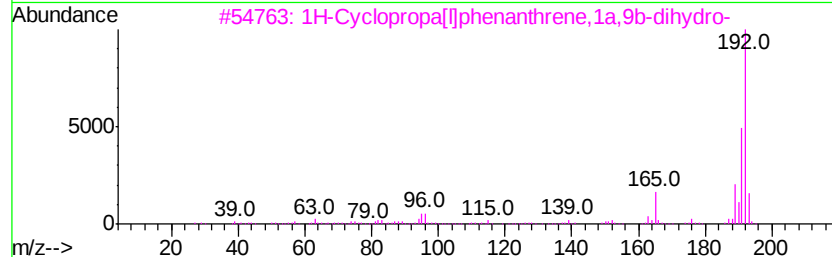
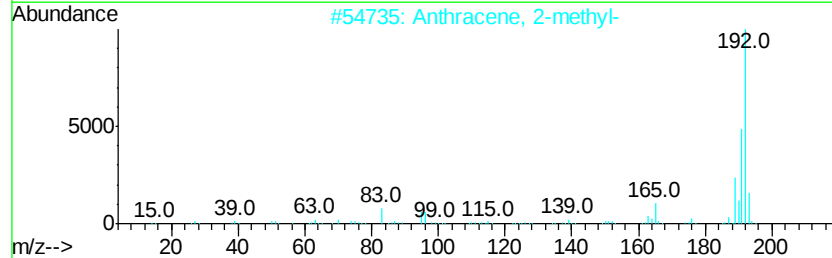
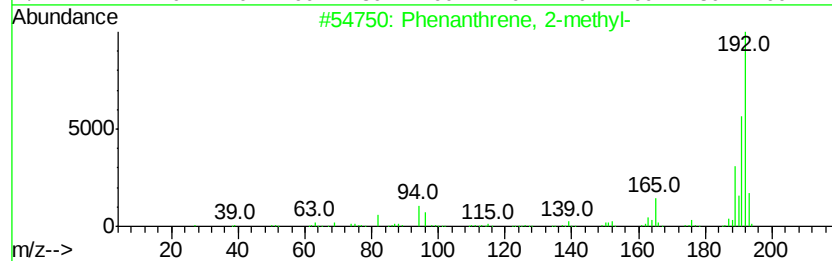
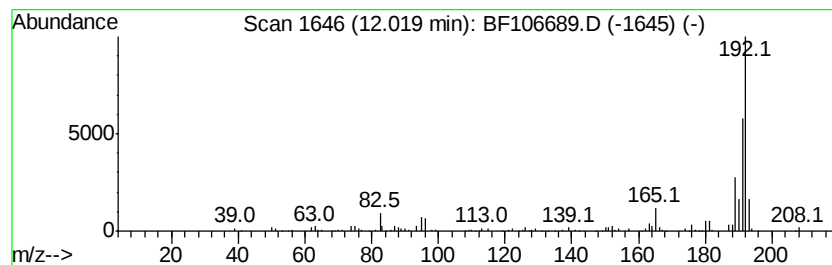
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	11.43 ng	256888	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106689.D
Acq On : 22 Jun 2018 4:01
Operator : JU/SJ
Sample : J3603-03
Misc :
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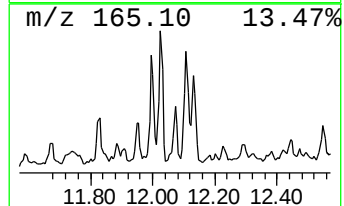
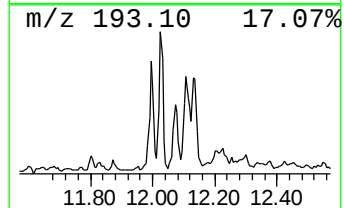
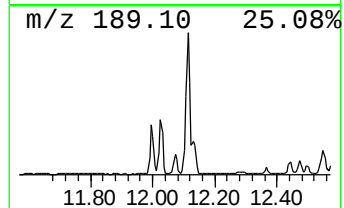
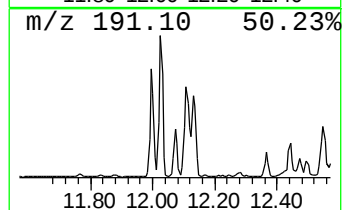
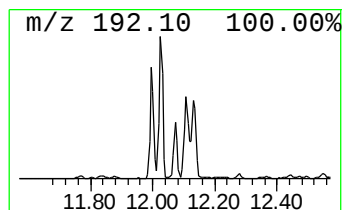
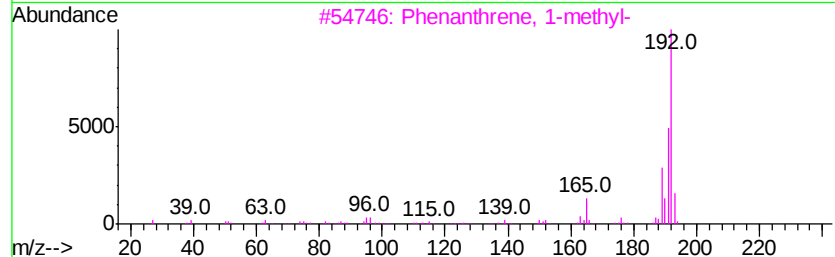
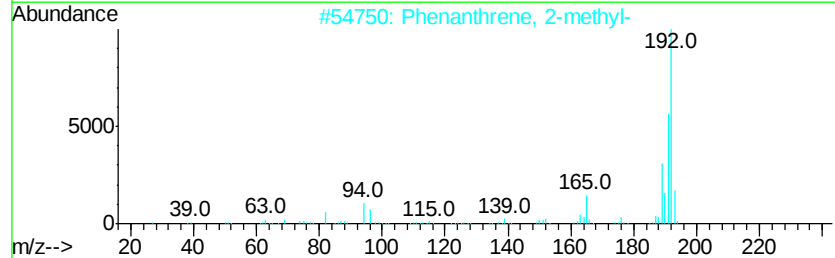
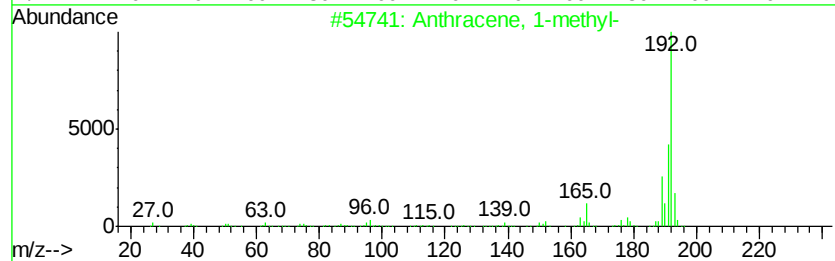
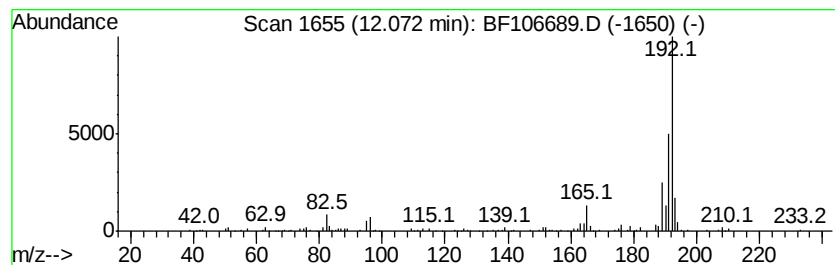
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.12 ng	115122	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106689.D
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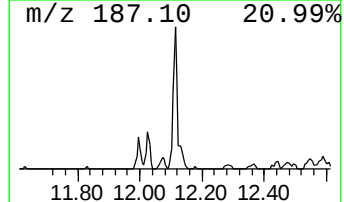
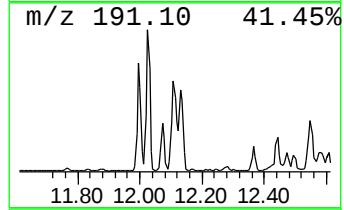
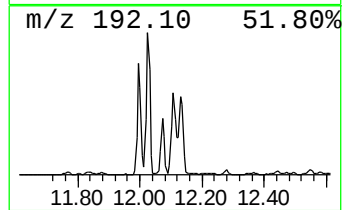
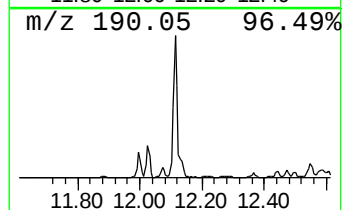
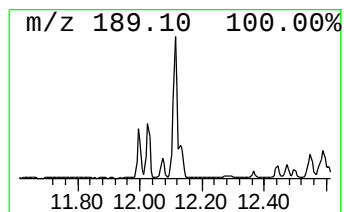
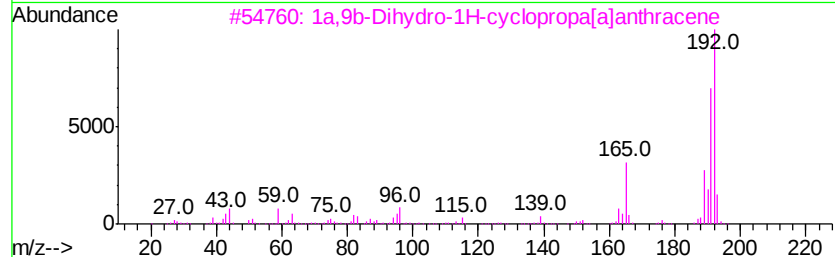
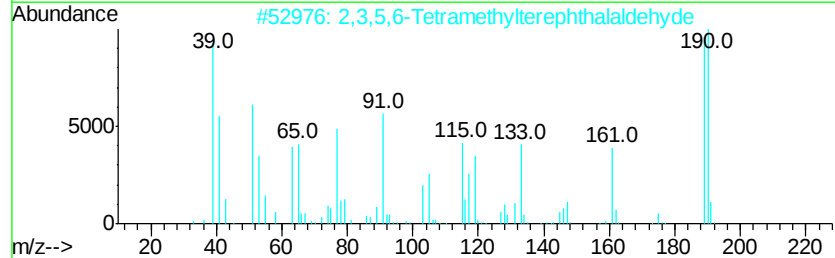
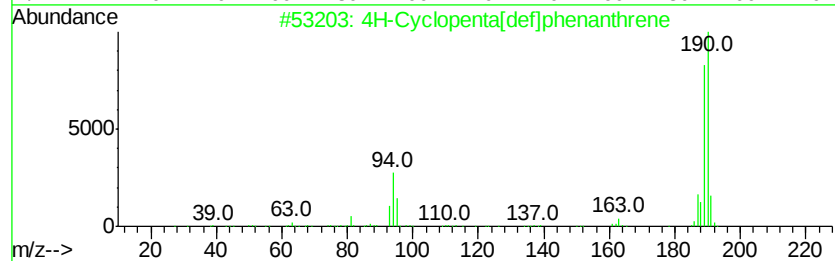
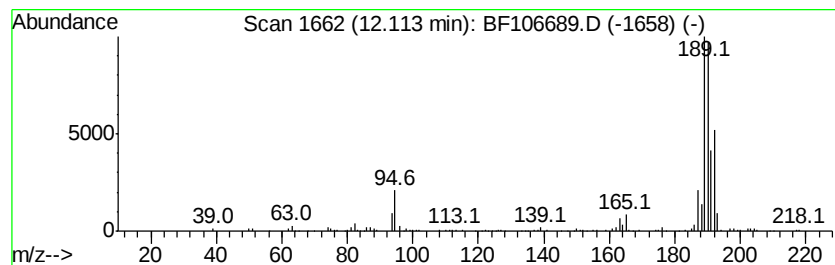
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	16.13 ng	362612	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		1a,9b-Dihydro-1H-cyclopropa[an]an...	192	C15H12	006109-24-6	18
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Misc :
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ClientSampleId :
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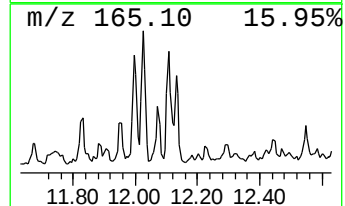
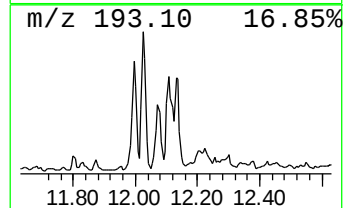
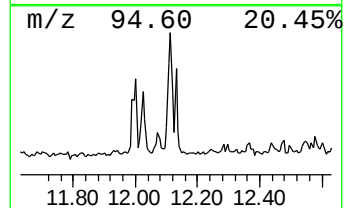
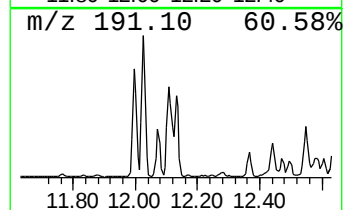
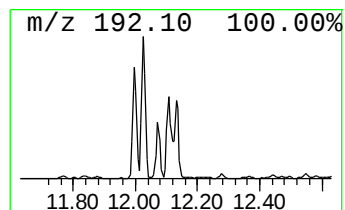
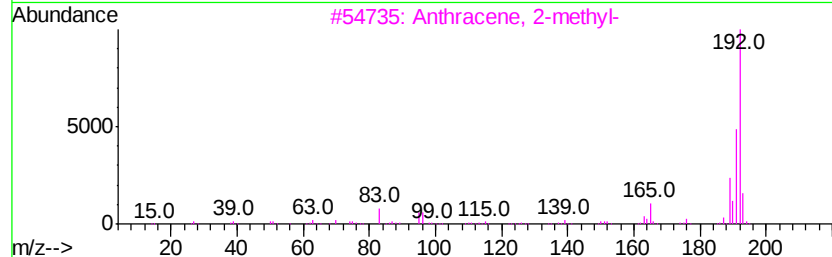
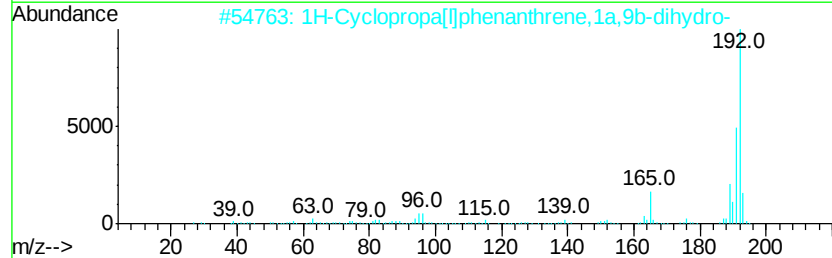
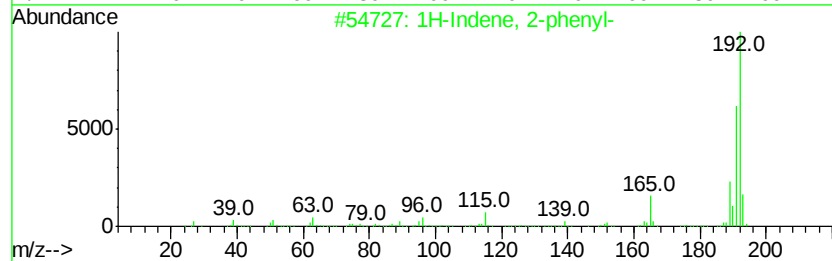
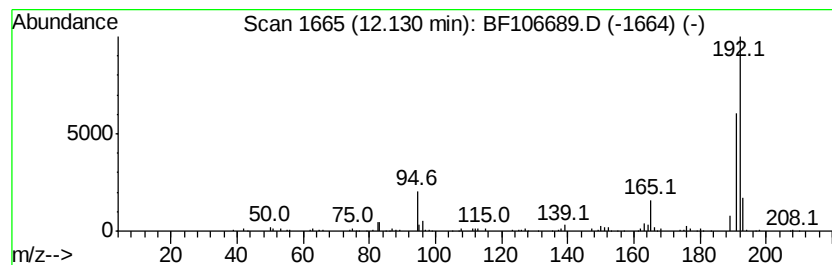
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	5.92 ng	133027	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



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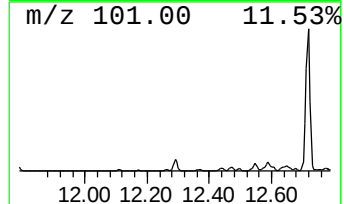
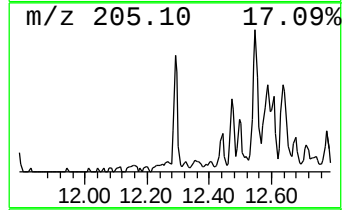
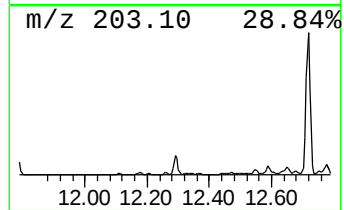
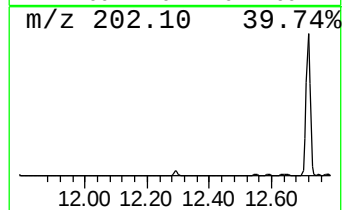
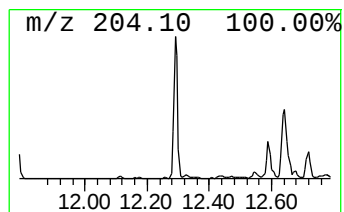
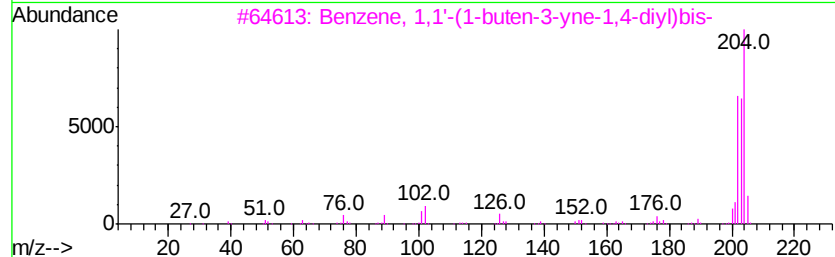
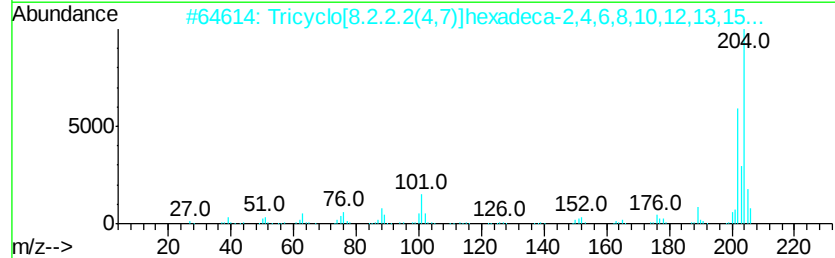
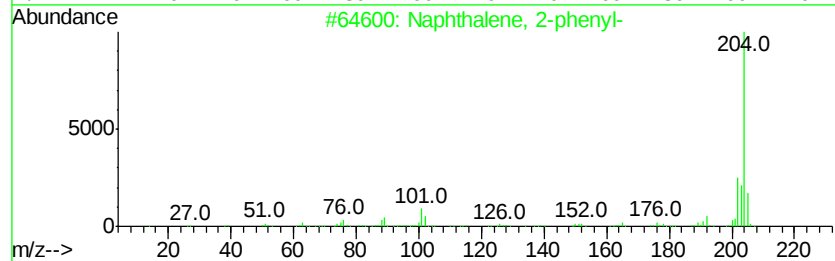
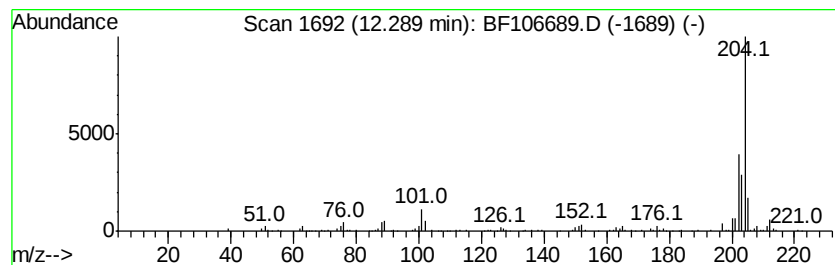
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.64 ng	149313	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
4			Levamisole	204	C11H12N2S	014769-73-4	49
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



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Data File : BF106689.D
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ClientSampleId :
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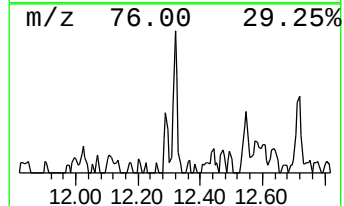
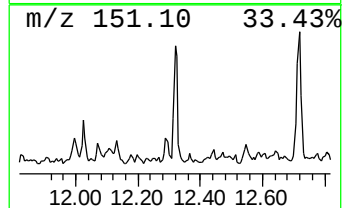
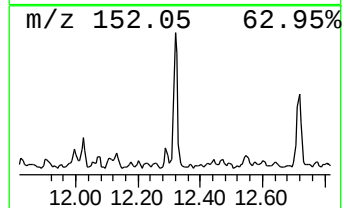
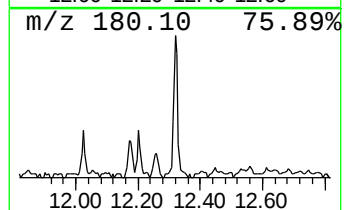
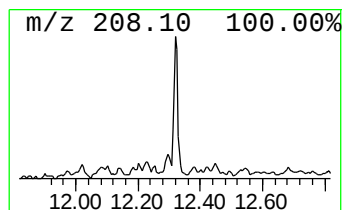
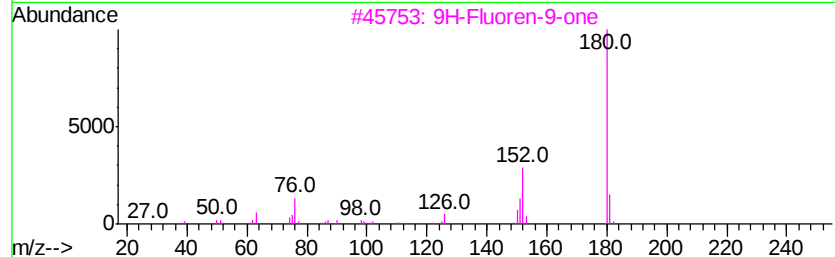
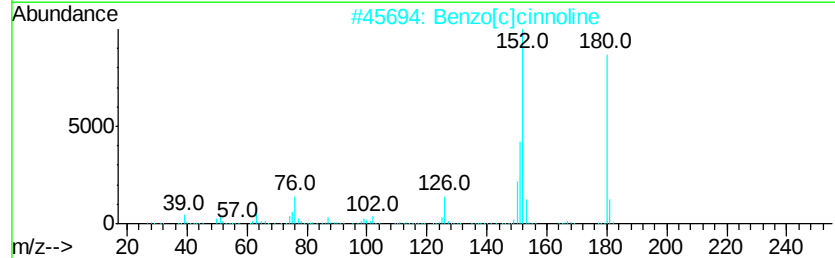
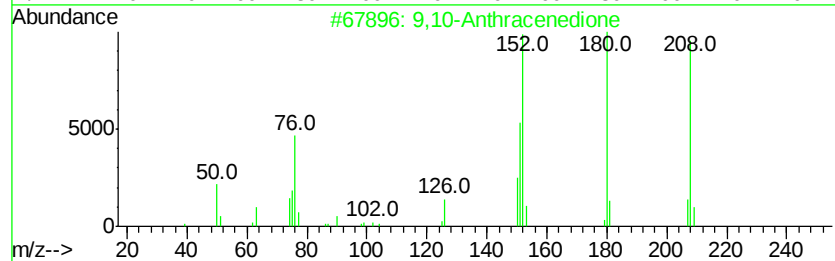
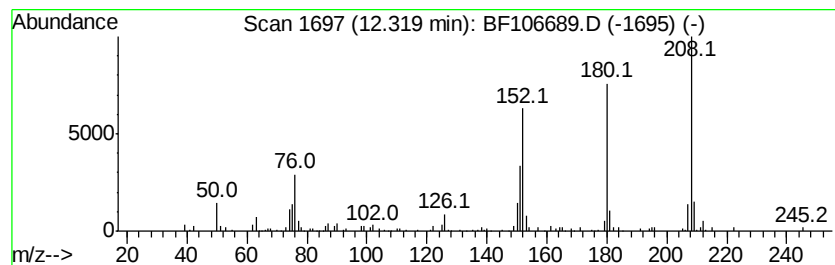
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.35 ng	97676	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106689.D
Acq On : 22 Jun 2018 4:01
Operator : JU/SJ
Sample : J3603-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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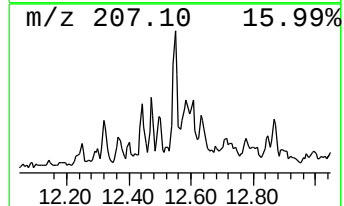
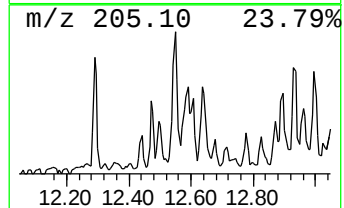
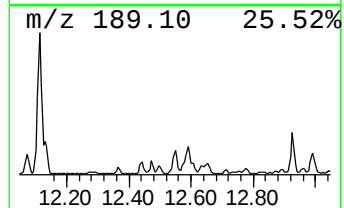
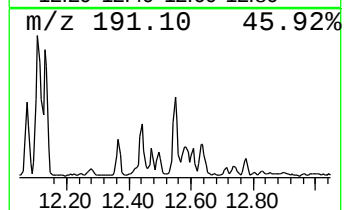
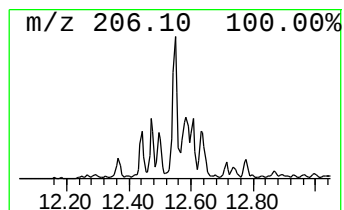
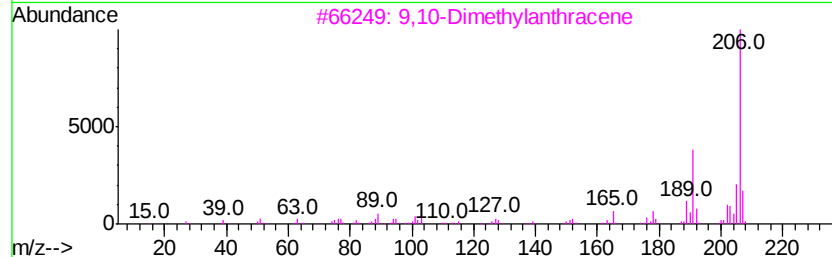
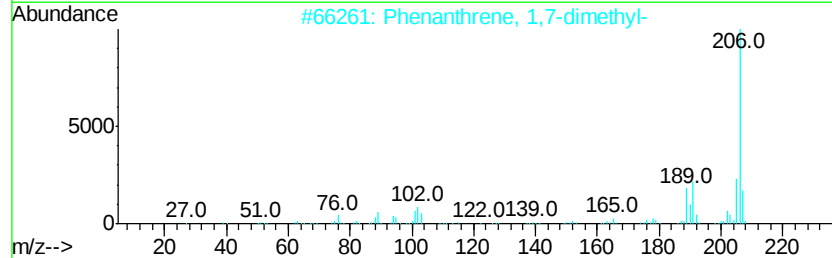
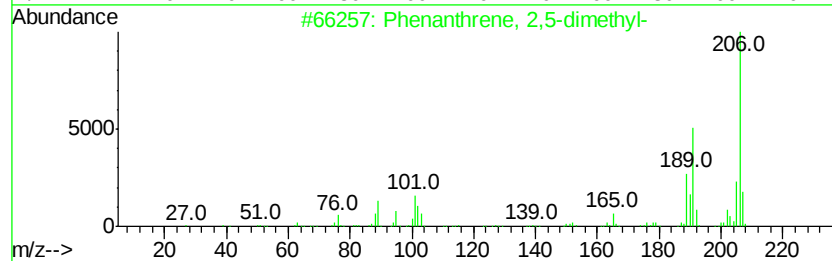
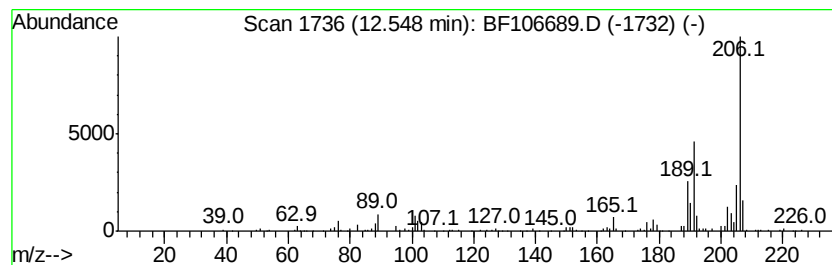
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	8.31 ng	186705	Phenanthrene-d10	11.50

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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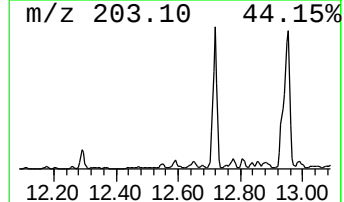
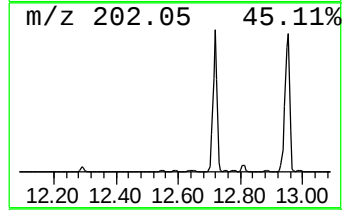
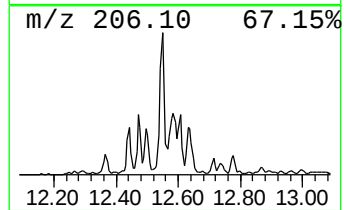
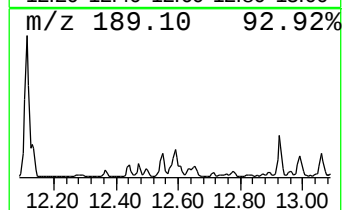
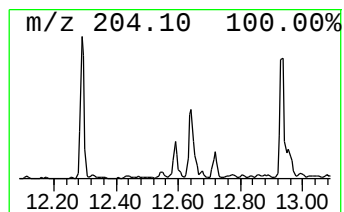
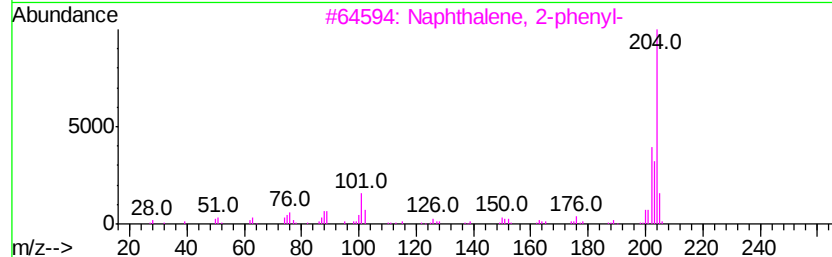
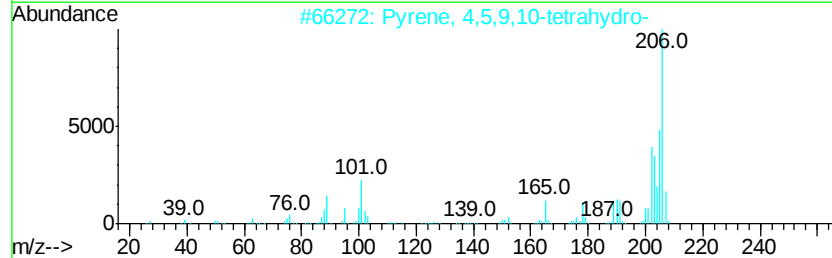
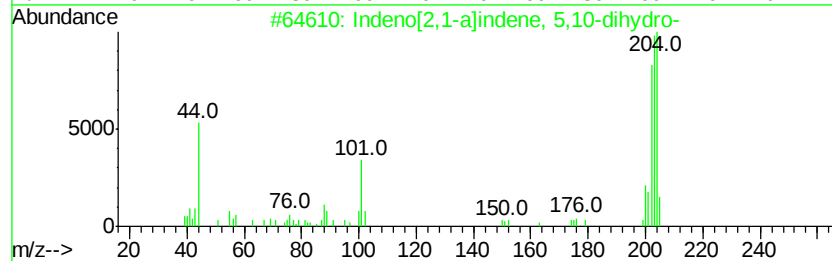
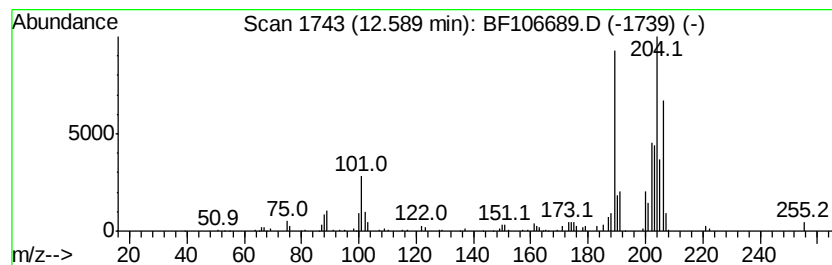
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.78 ng	107413	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	35
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	27
5		Tetramisole	204	C11H12N2S	005036-02-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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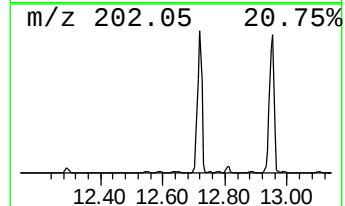
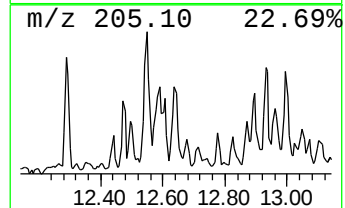
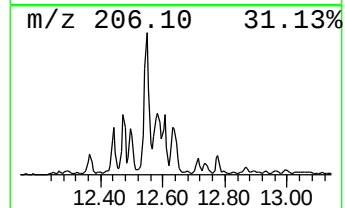
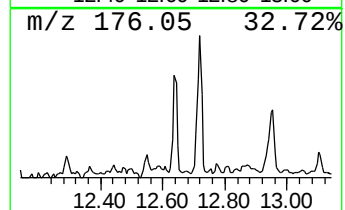
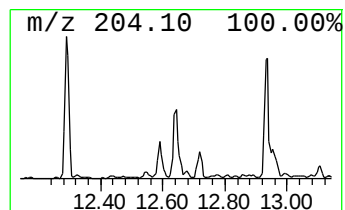
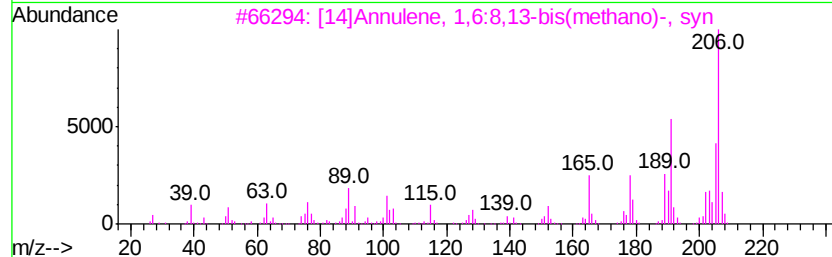
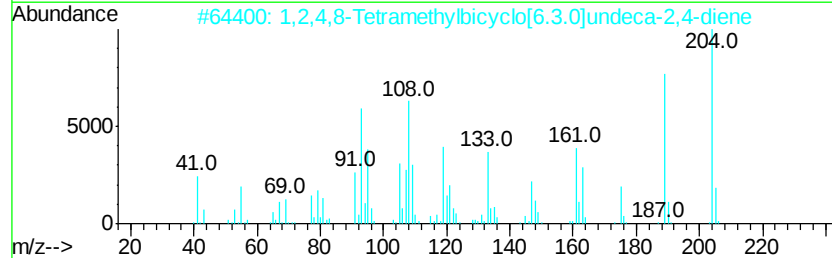
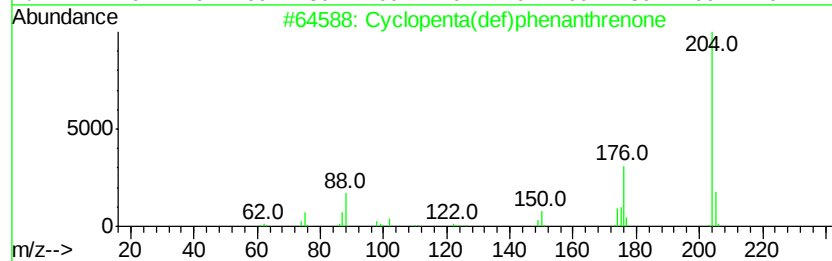
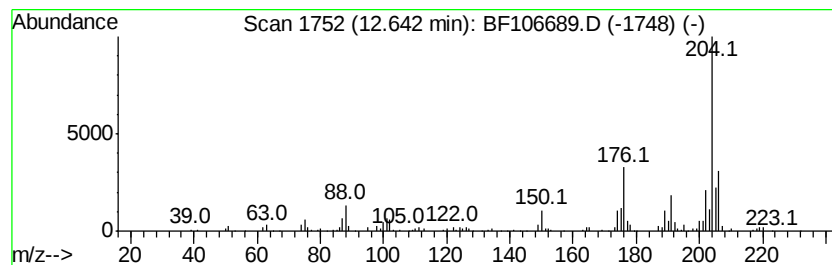
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	6.66 ng	149781	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	46
3		[14]Annulene, 1,6:8,13-bis(methano)-, syn	206	C16H14	085385-68-8	41
4		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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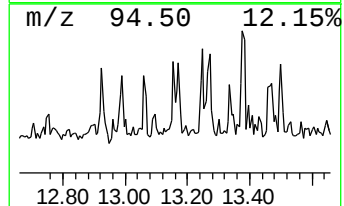
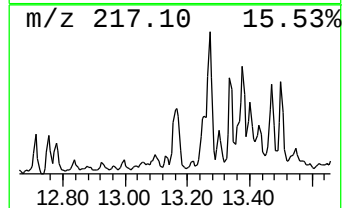
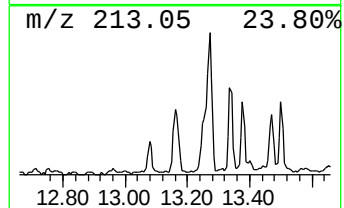
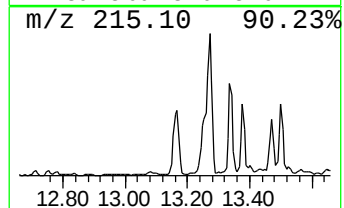
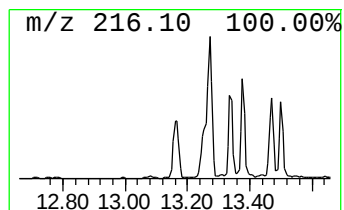
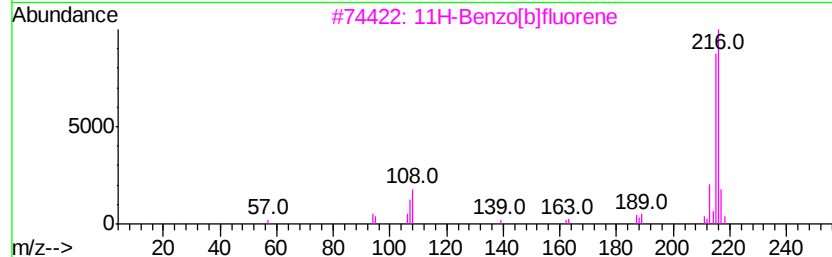
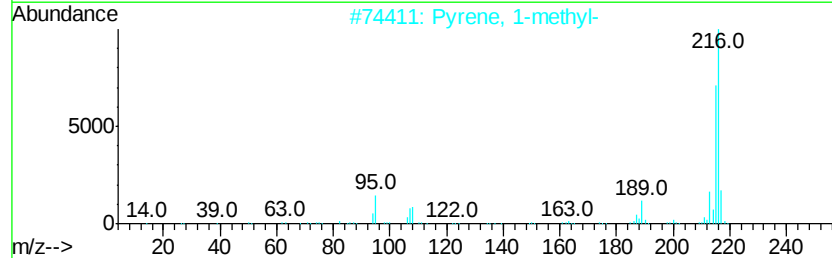
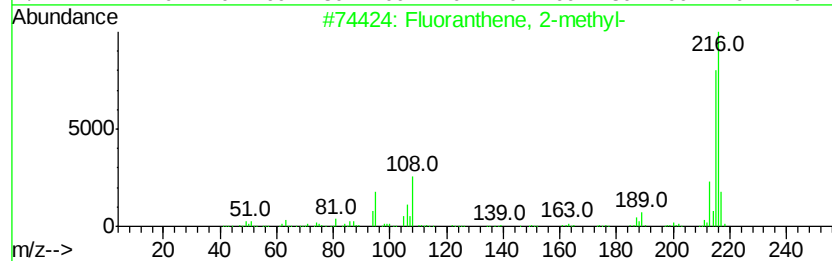
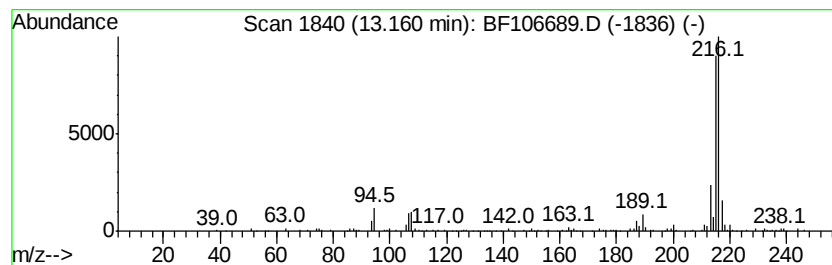
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.16	3.70 ng	220554	Chrysene-d12		14.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



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ALS Vial : 25 Sample Multiplier: 1

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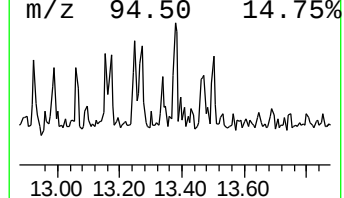
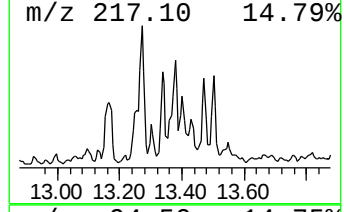
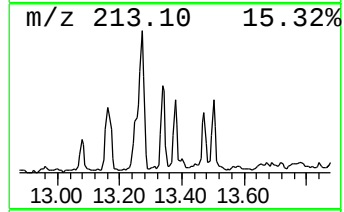
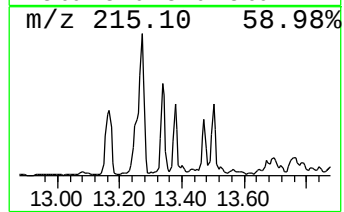
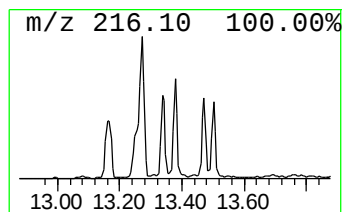
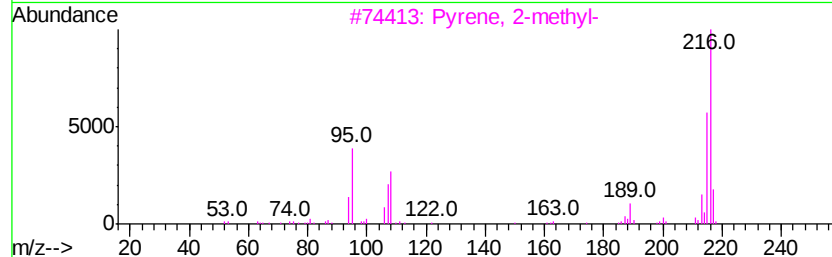
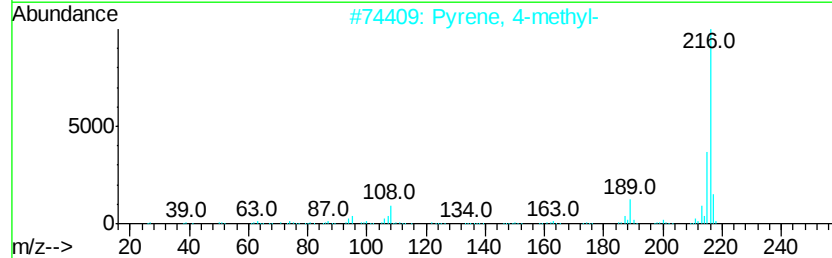
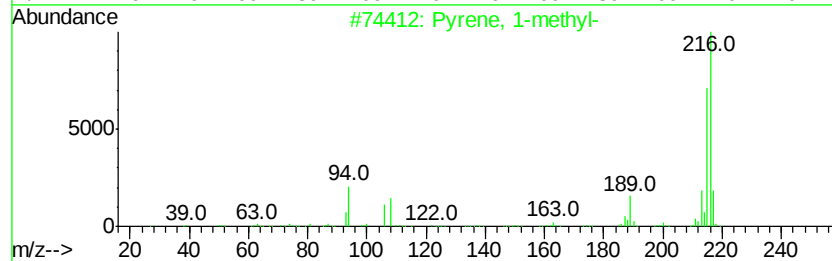
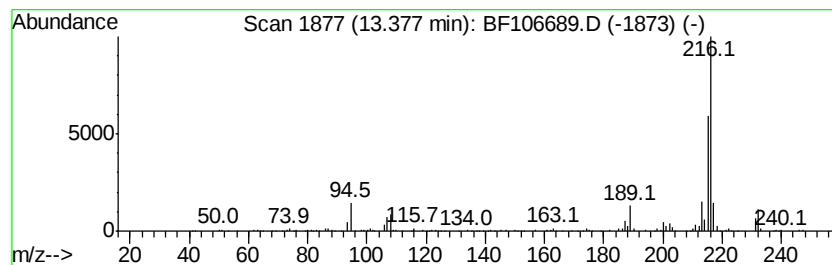
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.80 ng	226590	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



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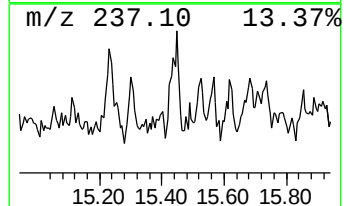
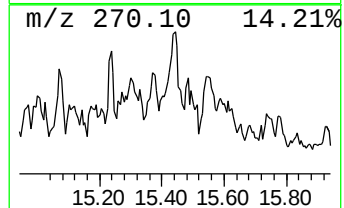
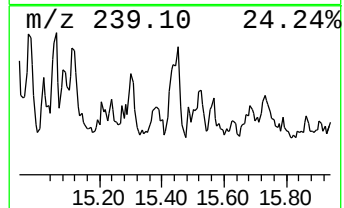
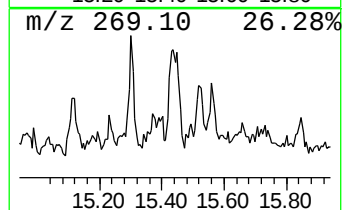
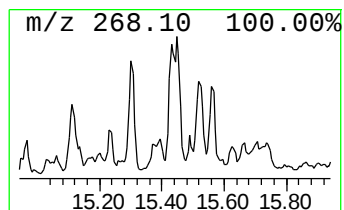
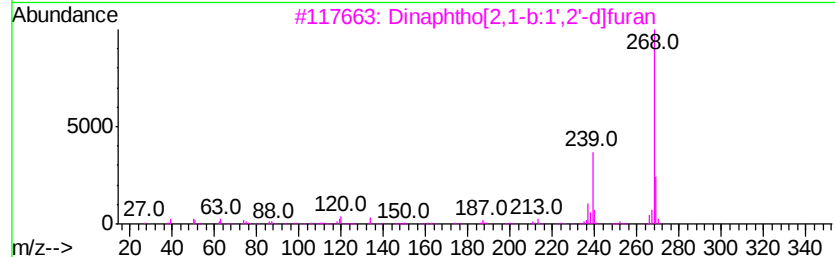
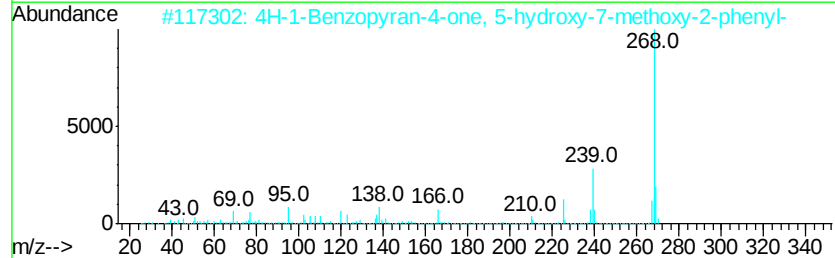
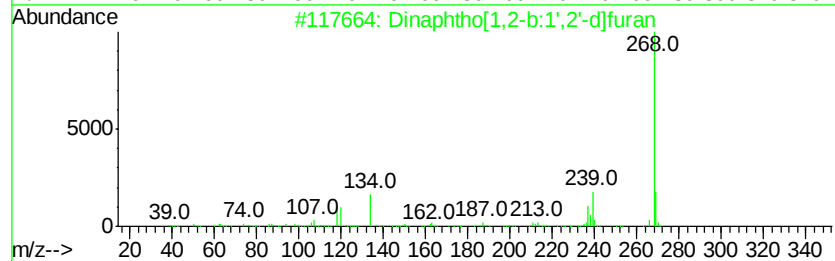
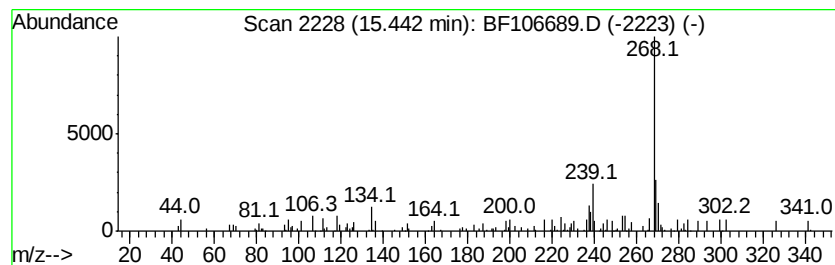
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.76 ng	59451	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
2		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53



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ALS Vial : 25 Sample Multiplier: 1

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26KV-TP-2

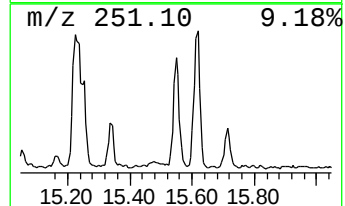
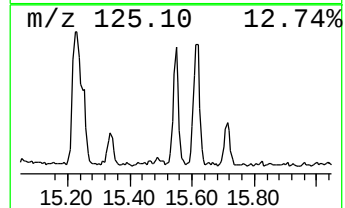
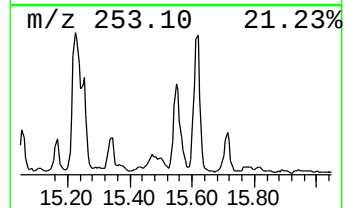
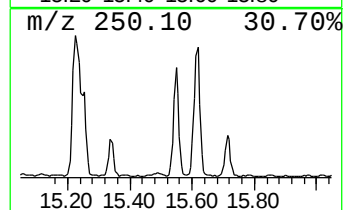
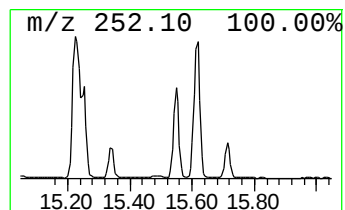
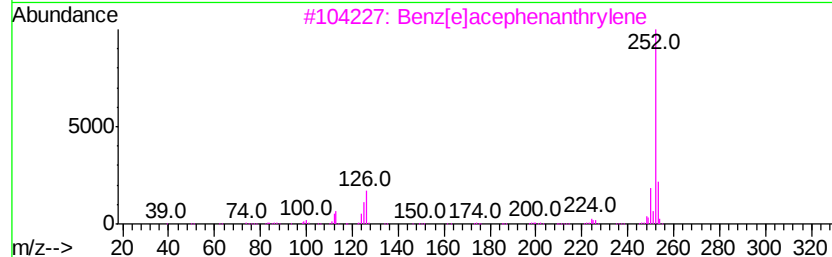
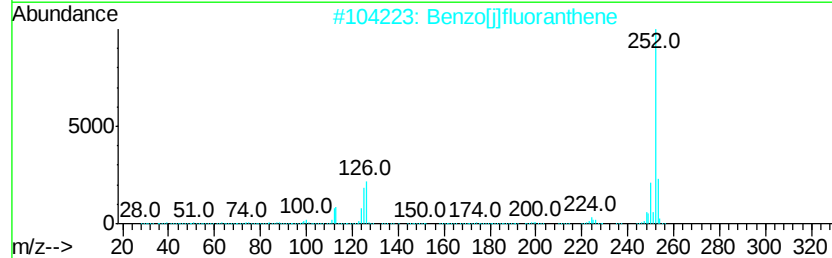
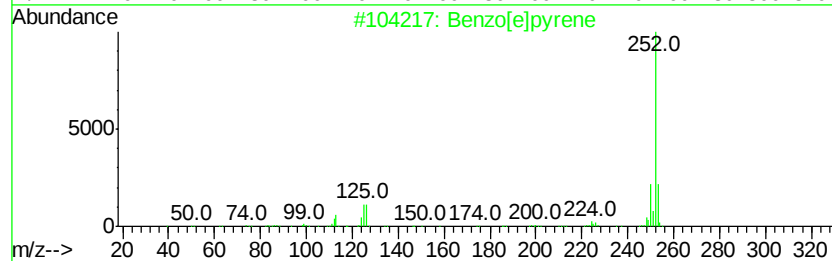
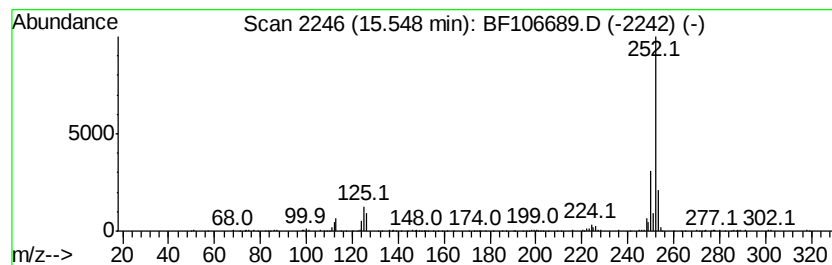
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	18.41 ng	290946	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[i]fluoranthene	252	C20H12	000205-82-3	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062118\
 Data File : BF106689.D
 Acq On : 22 Jun 2018 4:01
 Operator : JU/SJ
 Sample : J3603-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV-TP-2

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
2-Pentanone, 4-hy...	5.20	5.6 ng		95681	1	6.96	342184	20.0
unknown6.74	6.74	64.9 ng		1110970	1	6.96	342184	20.0
Tetradecane	10.89	4.2 ng		93613	4	11.50	449524	20.0
Anthracene, 2-met...	12.00	9.7 ng		218463	4	11.50	449524	20.0
Phenanthrene, 2-m...	12.02	11.4 ng		256888	4	11.50	449524	20.0
Anthracene, 1-met...	12.07	5.1 ng		115122	4	11.50	449524	20.0
4H-Cyclopenta[def...	12.11	16.1 ng		362612	4	11.50	449524	20.0
1H-Indene, 2-phenyl-	12.13	5.9 ng		133027	4	11.50	449524	20.0
Naphthalene, 2-ph...	12.29	6.6 ng		149313	4	11.50	449524	20.0
9,10-Anthracenedione	12.32	4.3 ng		97676	4	11.50	449524	20.0
Phenanthrene, 2,5...	12.55	8.3 ng		186705	4	11.50	449524	20.0
unknown12.59	12.59	4.8 ng		107413	4	11.50	449524	20.0
Cyclopenta(def)ph...	12.64	6.7 ng		149781	4	11.50	449524	20.0
Fluoranthene, 2-m...	13.16	3.7 ng		220554	5	14.15	1193550	20.0
Pyrene, 1-methyl-	13.38	3.8 ng		226590	5	14.15	1193550	20.0
Dinaphtho[1,2-b:1...	15.44	3.8 ng		59451	6	15.68	316126	20.0
Benzo[e]pyrene	15.55	18.4 ng		290946	6	15.68	316126	20.0