

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107712.D
 Acq On : 26 Jul 2018 20:54
 Operator : JU/SJ
 Sample : J4109-03 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(3-5)

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-BF072018.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	5.184	481	484	488	rBV	19776	28503	1.52%	0.101%
2	5.631	553	560	567	rBV3	24237	82549	4.39%	0.292%
3	6.619	723	728	745	rBV3	51709	238742	12.71%	0.845%
4	6.742	745	749	765	rVV2	108469	301791	16.06%	1.068%
5	6.960	783	786	809	rBV	571712	1006310	53.56%	3.560%
6	7.119	809	813	814	rVV	150112	169412	9.02%	0.599%
7	7.136	814	816	828	rVV	251761	333758	17.77%	1.181%
8	7.219	828	830	836	rVB5	15327	26907	1.43%	0.095%
9	7.536	880	884	893	rBV2	48852	140579	7.48%	0.497%
10	7.972	955	958	964	rBV3	34322	45650	2.43%	0.161%
11	8.019	964	966	978	rVB4	11115	25707	1.37%	0.091%
12	8.242	1000	1004	1006	rBV	1212124	1282041	68.24%	4.535%
13	8.266	1006	1008	1015	rVB	1560278	1588861	84.57%	5.620%
14	8.954	1122	1125	1133	rBV	132484	202549	10.78%	0.716%
15	9.054	1137	1142	1159	rVB	458255	550863	29.32%	1.949%
16	9.313	1182	1186	1195	rBV	268618	348880	18.57%	1.234%
17	9.525	1218	1222	1226	rVB5	21107	28931	1.54%	0.102%
18	9.583	1228	1232	1236	rBV2	69067	102841	5.47%	0.364%
19	9.654	1241	1244	1247	rBV	119130	132291	7.04%	0.468%
20	9.683	1247	1249	1252	rBV	39372	34023	1.81%	0.120%
21	9.772	1261	1264	1273	rVB2	52366	86401	4.60%	0.306%
22	9.866	1274	1280	1285	rBV	156853	199032	10.59%	0.704%
23	10.001	1296	1303	1306	rBV	1547596	1529813	81.43%	5.411%
24	10.030	1306	1308	1317	rVV	424484	511161	27.21%	1.808%
25	10.107	1318	1321	1325	rVB5	24722	33881	1.80%	0.120%
26	10.207	1333	1338	1342	rBV	146118	208708	11.11%	0.738%
27	10.236	1342	1343	1347	rVB	59864	49305	2.62%	0.174%
28	10.313	1353	1356	1359	rBV	52865	58592	3.12%	0.207%
29	10.342	1359	1361	1365	rVV	33593	39880	2.12%	0.141%
30	10.407	1368	1372	1378	rVB5	44849	65520	3.49%	0.232%
31	10.454	1378	1380	1385	rBV	33297	38324	2.04%	0.136%
32	10.524	1389	1392	1393	rBV	27140	27401	1.46%	0.097%
33	10.554	1393	1397	1403	rVV	357219	462108	24.60%	1.635%
34	10.630	1405	1410	1413	rVV5	32962	57513	3.06%	0.203%

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35	10.707	1418	1423	1427	rVV2	49044	60368	3.21%	0.214%
36	10.795	1433	1438	1450	rBV4	193369	354100	18.85%	1.253%
37	10.895	1450	1455	1462	rBV4	46471	91428	4.87%	0.323%
38	11.101	1485	1490	1493	rBV	80042	121252	6.45%	0.429%
39	11.124	1493	1494	1498	rVV2	41725	48733	2.59%	0.172%
40	11.183	1501	1504	1507	rVB	39154	36400	1.94%	0.129%
41	11.248	1513	1515	1519	rVB4	23401	25597	1.36%	0.091%
42	11.330	1527	1529	1532	rBV3	43984	42127	2.24%	0.149%
43	11.360	1532	1534	1537	rVB	34357	27147	1.44%	0.096%
44	11.395	1537	1540	1550	rVB	104089	149635	7.96%	0.529%
45	11.495	1553	1557	1559	rBV	1327862	1309899	69.72%	4.634%
46	11.519	1559	1561	1567	rVV	1265212	1292841	68.81%	4.573%
47	11.571	1567	1570	1580	rVB	277906	405440	21.58%	1.434%
48	11.736	1595	1598	1600	rBV	109853	124125	6.61%	0.439%
49	11.760	1600	1602	1604	rVV	84609	76574	4.08%	0.271%
50	11.783	1604	1606	1611	rVV	39504	37536	2.00%	0.133%
51	11.824	1611	1613	1618	rVB	65910	68958	3.67%	0.244%
52	11.913	1624	1628	1632	rBV	48831	74202	3.95%	0.262%
53	11.995	1639	1642	1645	rBV	188771	224595	11.95%	0.794%
54	12.024	1645	1647	1653	rVB	212620	208706	11.11%	0.738%
55	12.077	1653	1656	1658	rBV	80687	84451	4.50%	0.299%
56	12.113	1658	1662	1664	rBV2	345049	416409	22.16%	1.473%
57	12.166	1669	1671	1674	rVB2	51764	42222	2.25%	0.149%
58	12.230	1680	1682	1685	rVB2	36877	28964	1.54%	0.102%
59	12.289	1689	1692	1696	rBV2	94898	121505	6.47%	0.430%
60	12.471	1721	1723	1725	rBV	52864	42817	2.28%	0.151%
61	12.495	1725	1727	1730	rVB3	48588	45083	2.40%	0.159%
62	12.548	1732	1736	1739	rBV2	179023	233739	12.44%	0.827%
63	12.583	1739	1742	1744	rVV3	84562	105300	5.60%	0.372%
64	12.648	1748	1753	1760	rVB4	78617	187075	9.96%	0.662%
65	12.713	1760	1764	1768	rBV	1079552	1119795	59.60%	3.961%
66	12.742	1768	1769	1772	rVB3	96736	74235	3.95%	0.263%
67	12.807	1777	1780	1786	rVV	128210	162854	8.67%	0.576%
68	12.865	1787	1790	1796	rVV2	83379	124918	6.65%	0.442%
69	12.942	1797	1803	1809	rVV	996705	1232906	65.62%	4.361%
70	12.989	1809	1811	1818	rVV2	93388	121776	6.48%	0.431%
71	13.077	1822	1826	1836	rVB2	280045	378862	20.17%	1.340%

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72	13.154	1836	1839	1845	rVB2	104325	178489	9.50%	0.631%
73	13.213	1847	1849	1851	rVV2	46138	43983	2.34%	0.156%
74	13.265	1852	1858	1864	rVV	221152	408542	21.75%	1.445%
75	13.313	1864	1866	1867	rVV	39270	33034	1.76%	0.117%
76	13.336	1867	1870	1873	rVV	223308	241451	12.85%	0.854%
77	13.377	1874	1877	1884	rVB2	156114	214993	11.44%	0.761%
78	13.465	1890	1892	1895	rBV	91937	97614	5.20%	0.345%
79	13.501	1895	1898	1906	rVB2	125853	211896	11.28%	0.750%
80	13.671	1924	1927	1929	rBV3	35077	46866	2.49%	0.166%
81	13.754	1938	1941	1943	rBV3	61149	73785	3.93%	0.261%
82	13.871	1959	1961	1962	rBV2	32986	27376	1.46%	0.097%
83	13.895	1962	1965	1967	rVV	127563	128690	6.85%	0.455%
84	13.918	1967	1969	1971	rVV	119527	114267	6.08%	0.404%
85	13.948	1971	1974	1981	rVB4	64460	131587	7.00%	0.465%
86	14.065	1991	1994	1999	rVB	39088	54643	2.91%	0.193%
87	14.142	2002	2007	2010	rBV2	1313189	1878727	100.00%	6.646%
88	14.171	2010	2012	2019	rVB	594000	636931	33.90%	2.253%
89	14.301	2031	2034	2039	rVB5	53108	81019	4.31%	0.287%
90	14.530	2068	2073	2076	rBV	160165	221889	11.81%	0.785%
91	14.559	2076	2078	2083	rVB2	81691	107689	5.73%	0.381%
92	14.659	2093	2095	2097	rBV2	69989	66731	3.55%	0.236%
93	15.218	2186	2190	2193	rBV	385876	646078	34.39%	2.285%
94	15.330	2206	2209	2215	rVB	114488	151505	8.06%	0.536%
95	15.542	2240	2245	2252	rBV	254708	381617	20.31%	1.350%
96	15.606	2252	2256	2261	rBV	409572	596468	31.75%	2.110%
97	15.677	2263	2268	2284	rVB	790810	1473441	78.43%	5.212%
98	17.248	2529	2535	2548	rVB3	138093	371969	19.80%	1.316%
99	17.436	2563	2567	2572	rBV4	33443	82929	4.41%	0.293%
100	17.718	2611	2615	2626	rVB2	91380	224239	11.94%	0.793%

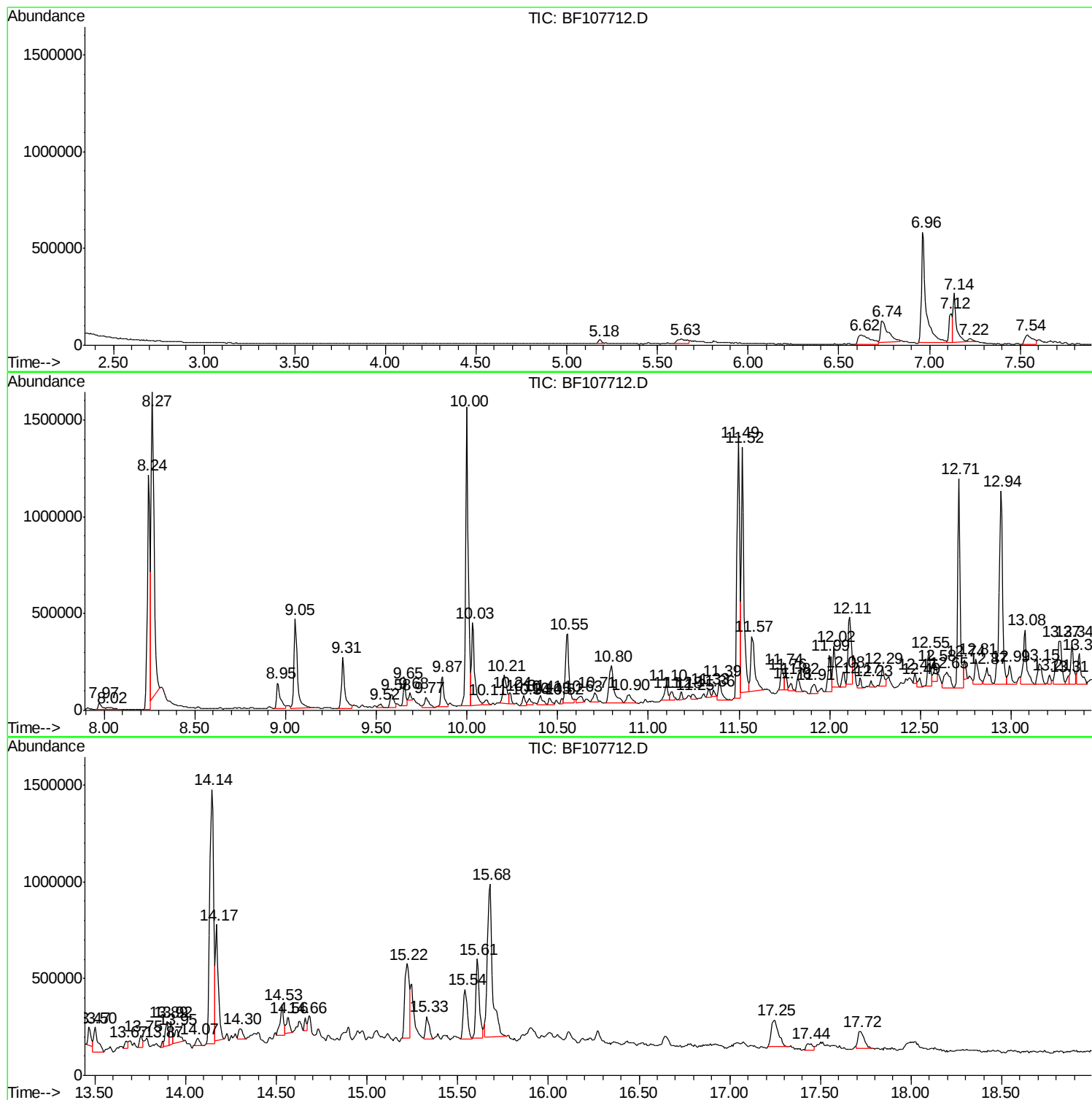
Sum of corrected areas: 28269849

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Instrument :
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SB-12(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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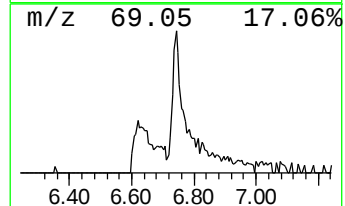
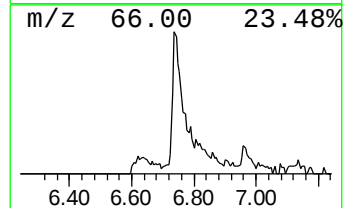
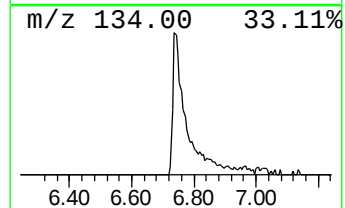
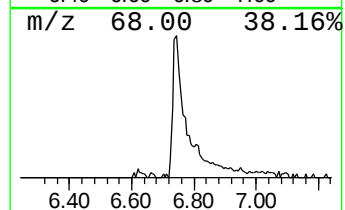
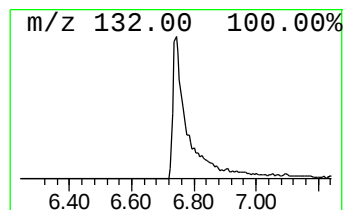
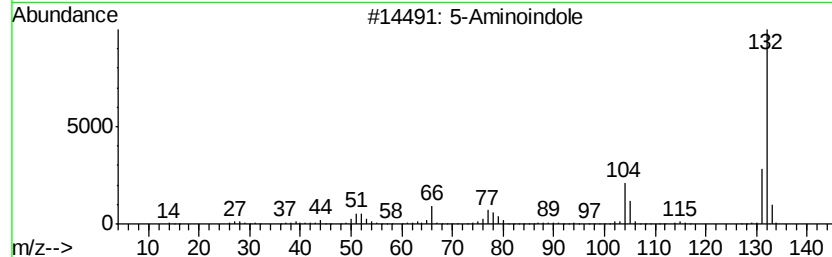
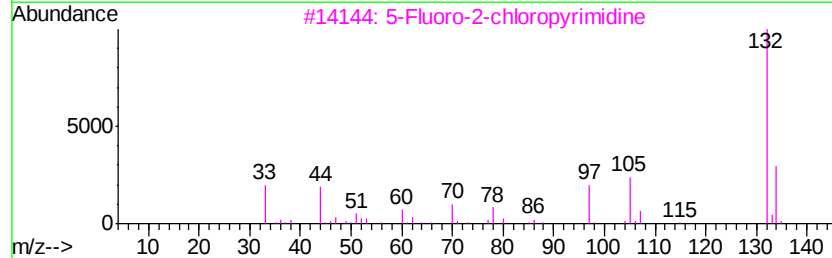
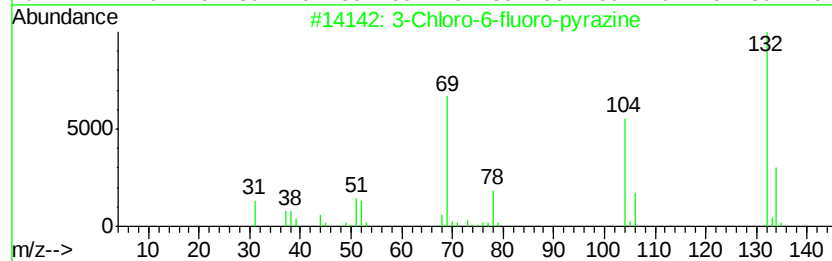
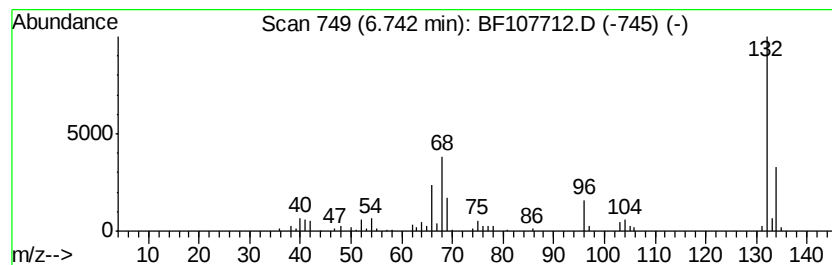
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	6.00 ng	301791	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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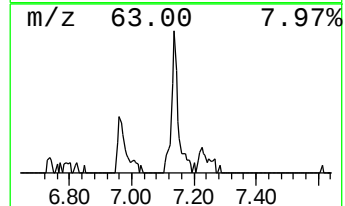
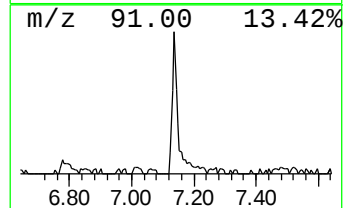
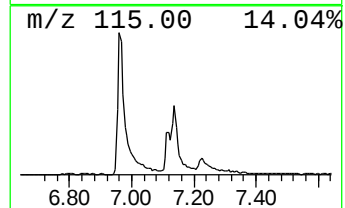
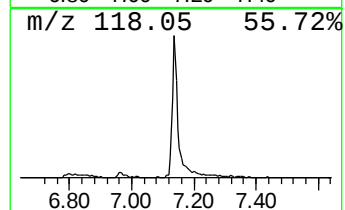
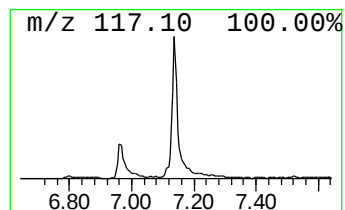
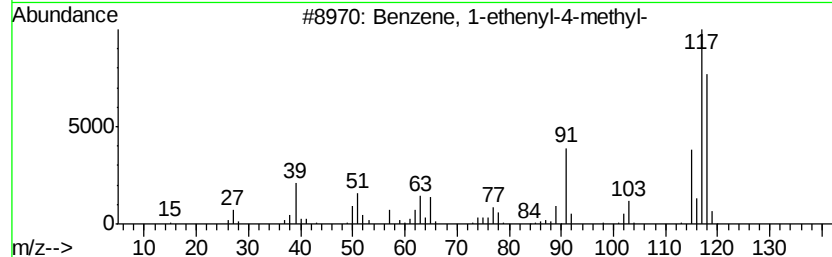
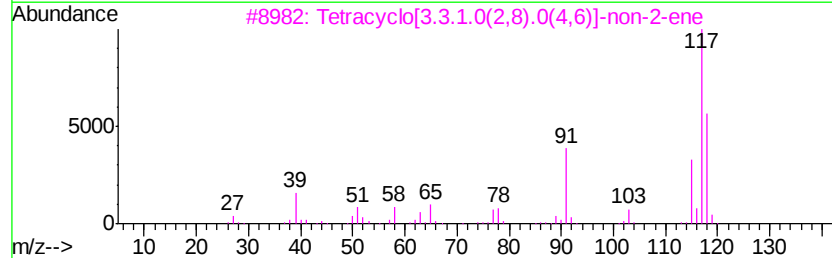
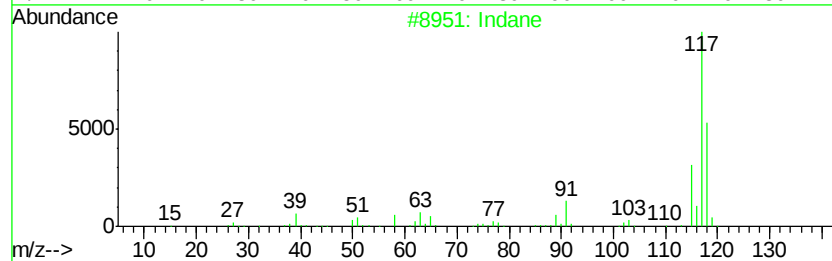
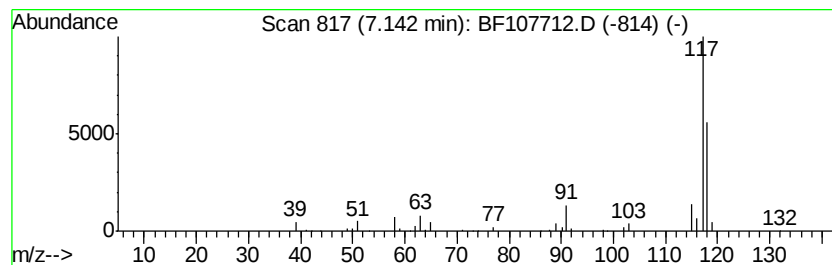
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Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	6.63 ng	333758	1,4-Dichlorobenzene-d4	6.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	80
3	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	72
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64



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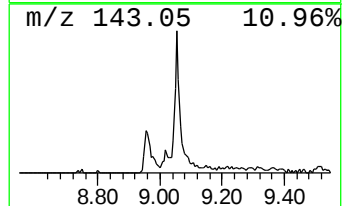
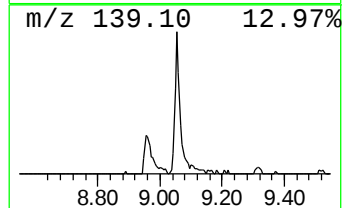
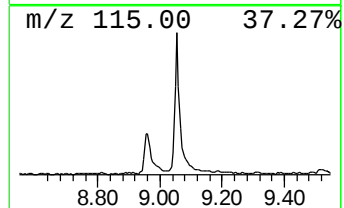
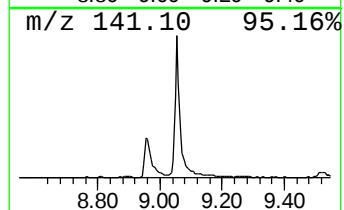
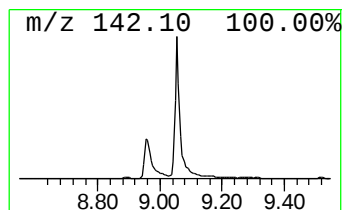
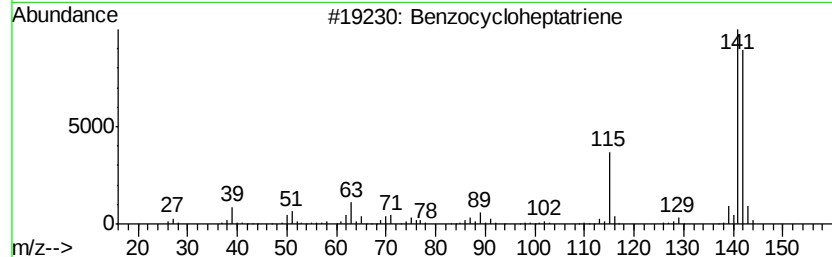
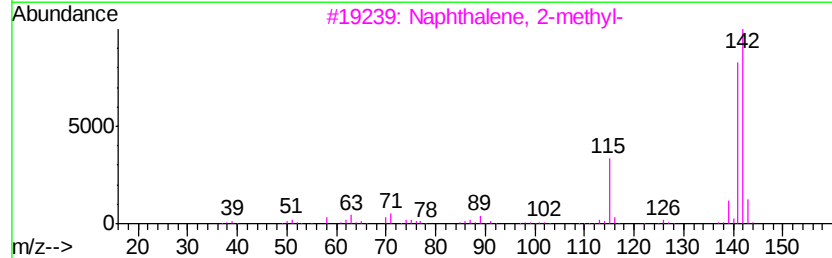
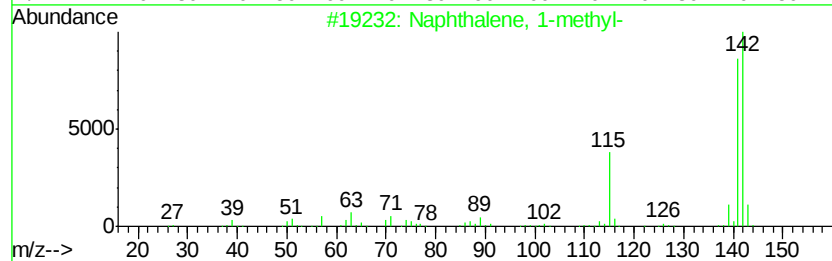
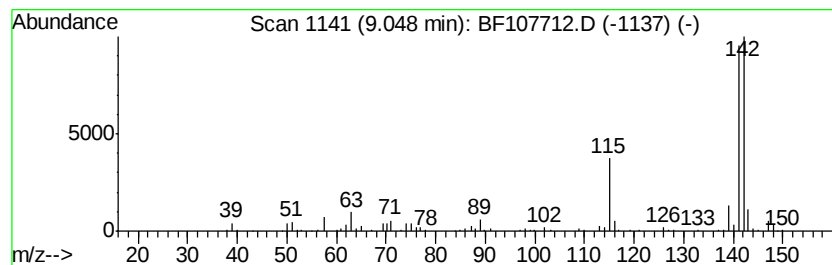
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	8.59 ng	550863	Naphthalene-d8	8.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Operator : JU/SJ
Sample : J4109-03 10X
Misc :
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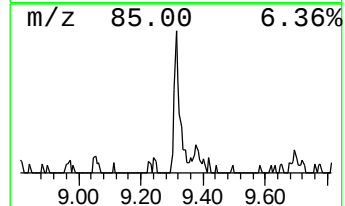
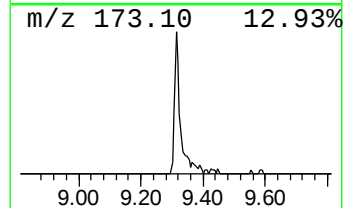
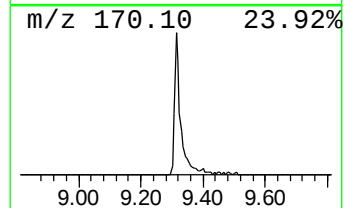
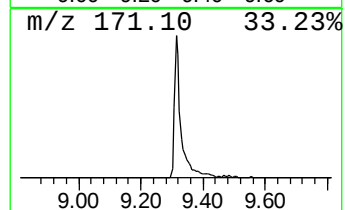
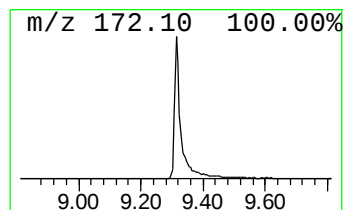
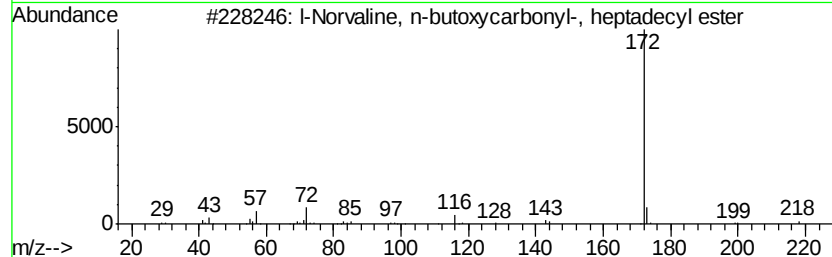
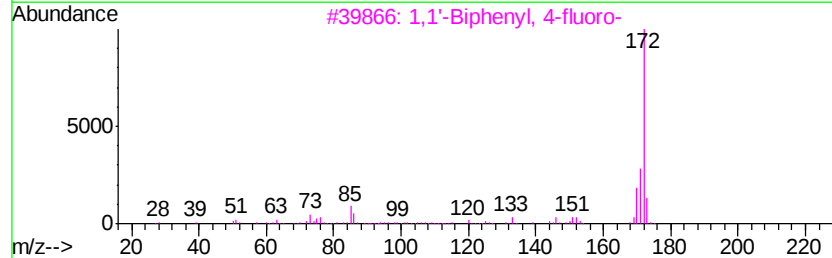
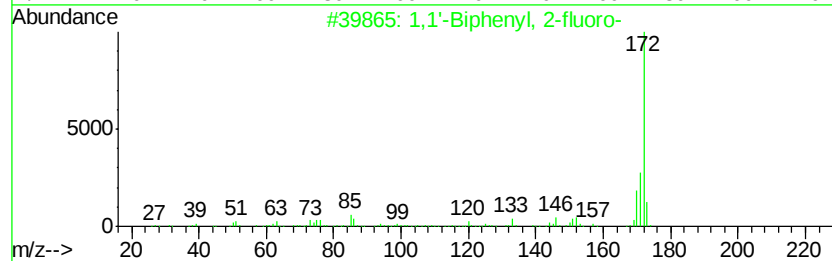
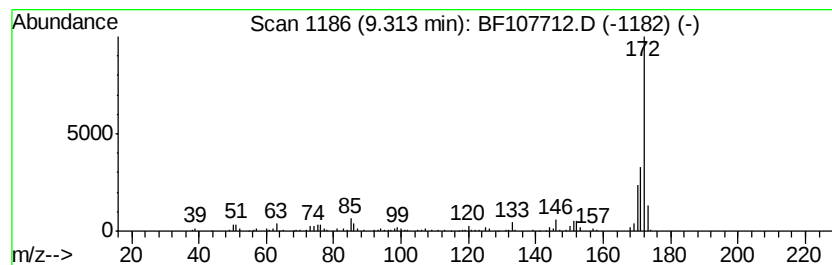
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2-fluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.31	4.56 ng	348880	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	l-Norvaline, n-butoxycarbonyl-, ...	455	C27H53N04	1000320-78-3	43
4	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	42
5	DL-Norleucine, N-propoxycarbonyl...	301	C16H31N04	1000339-03-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
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Operator : JU/SJ
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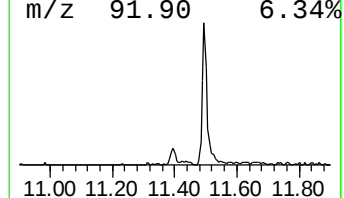
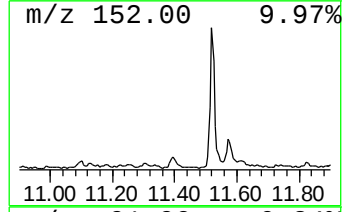
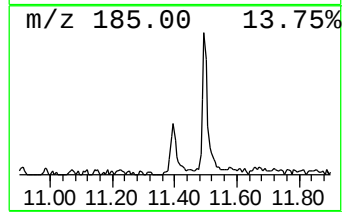
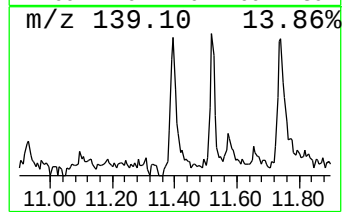
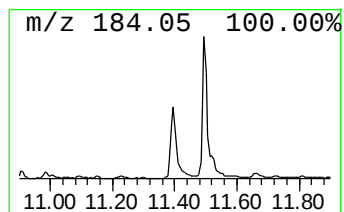
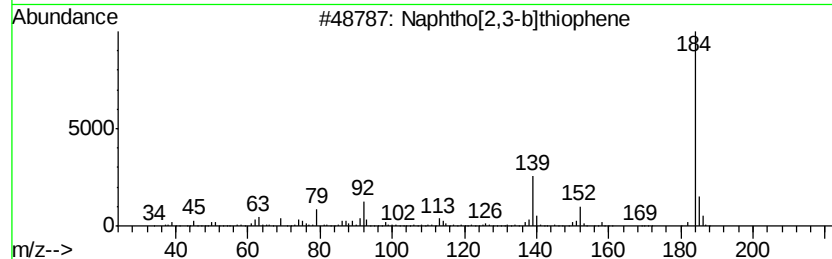
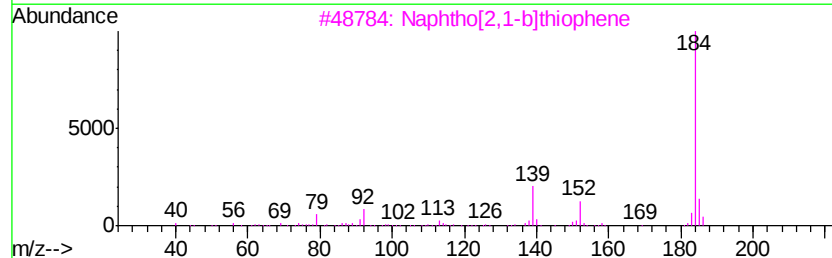
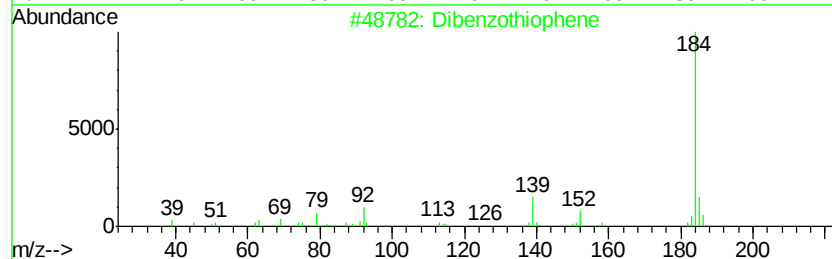
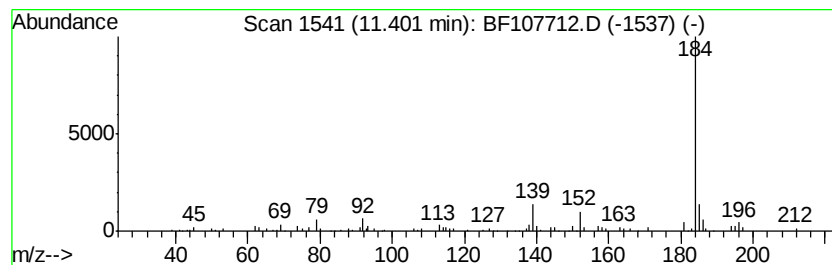
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.28 ng	149635	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Sample : J4109-03 10X
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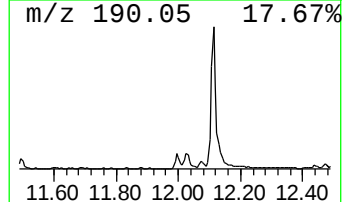
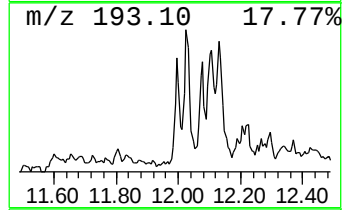
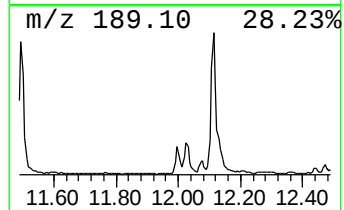
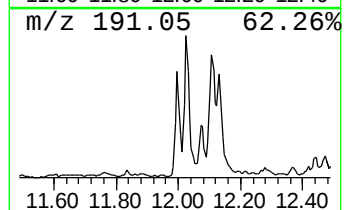
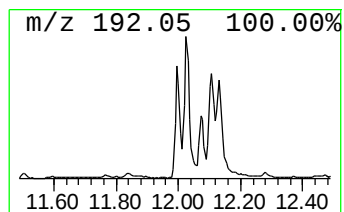
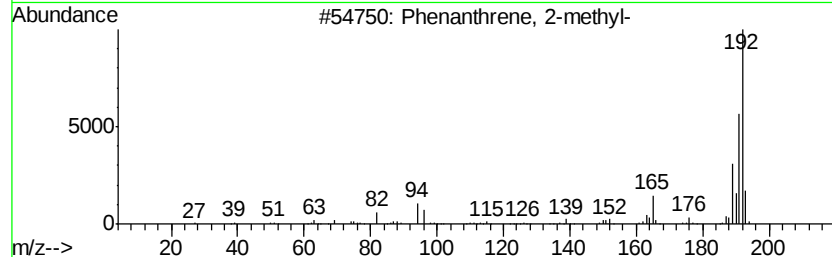
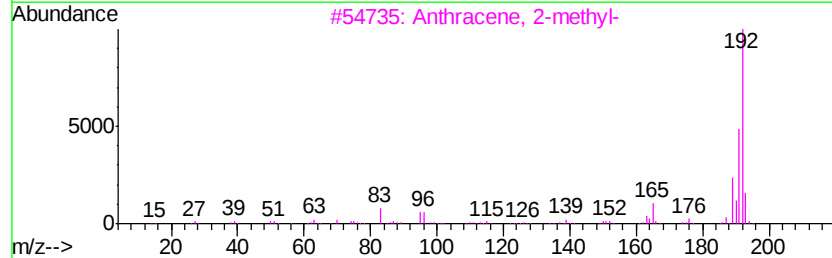
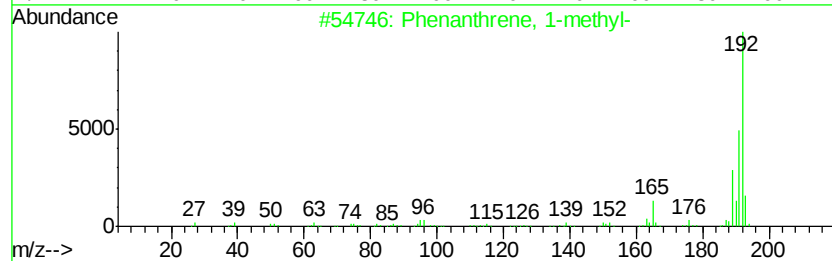
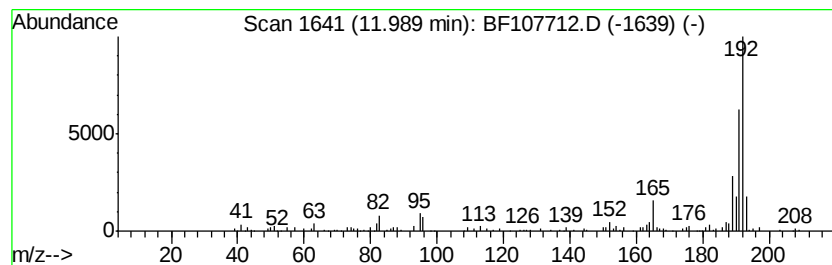
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	3.43 ng	224595	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
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ALS Vial : 16 Sample Multiplier: 1

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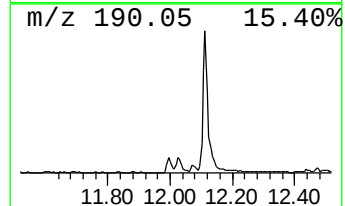
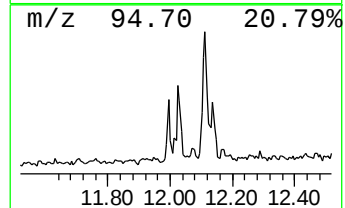
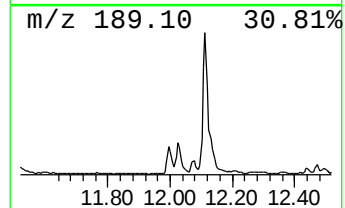
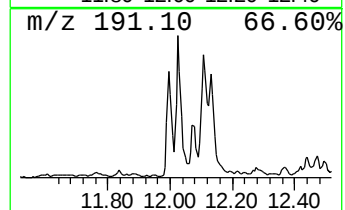
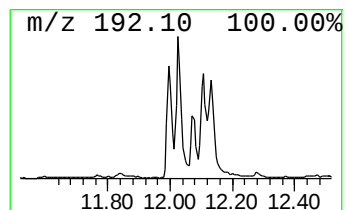
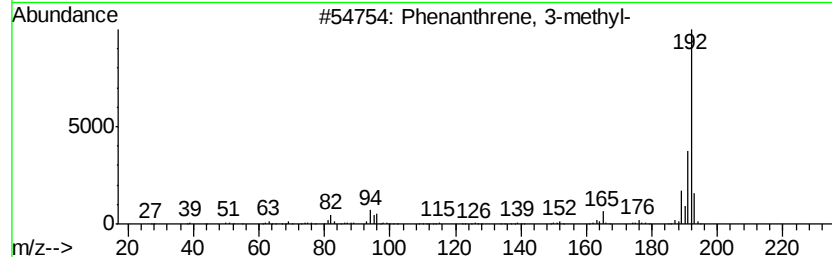
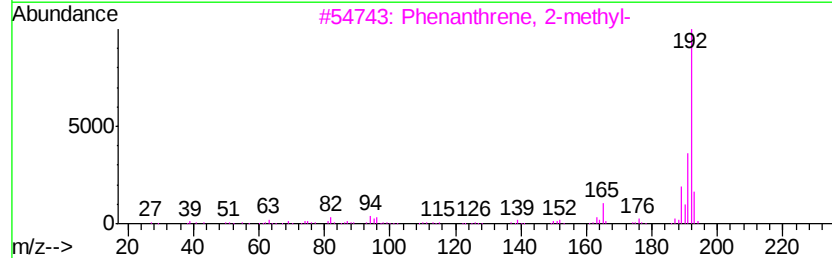
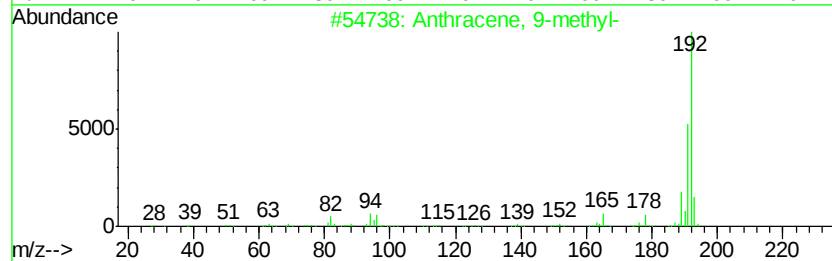
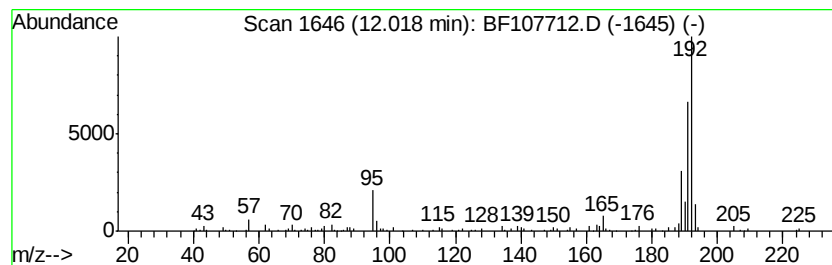
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.19 ng	208706	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
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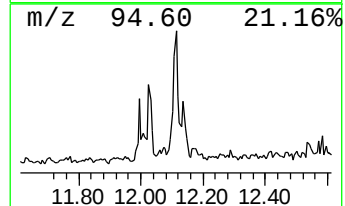
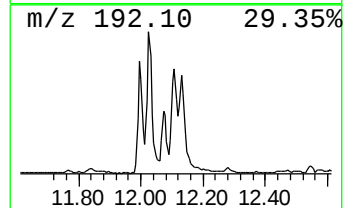
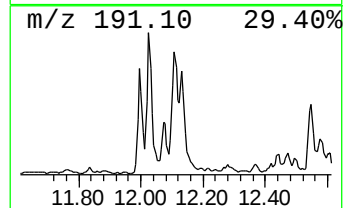
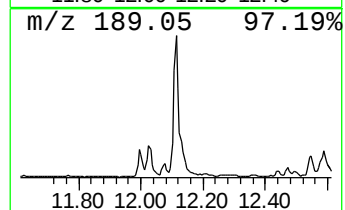
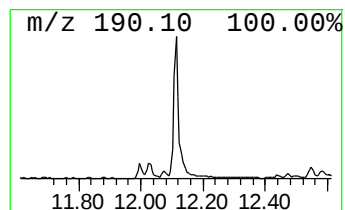
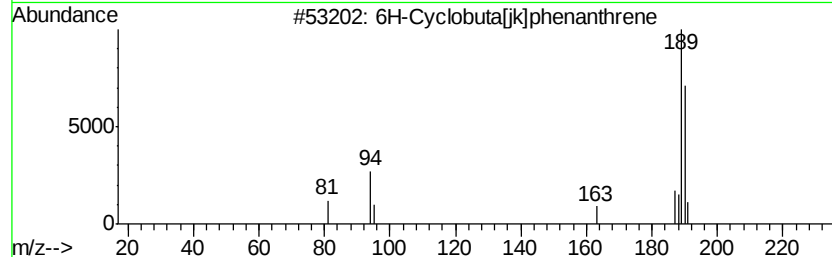
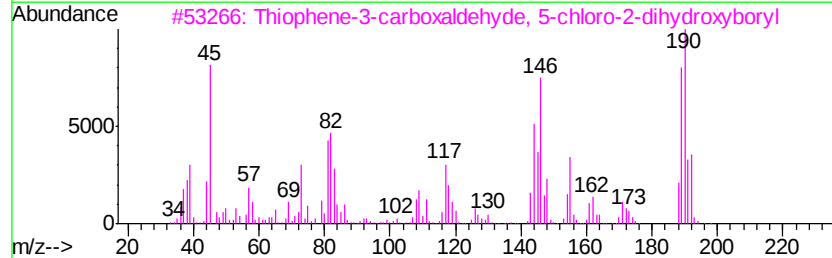
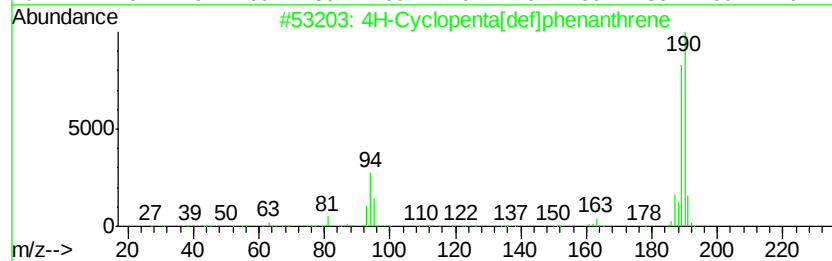
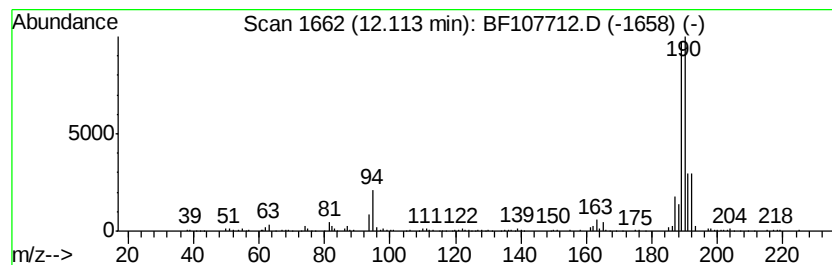
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.36 ng	416409	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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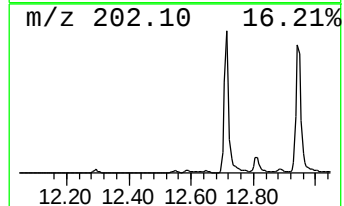
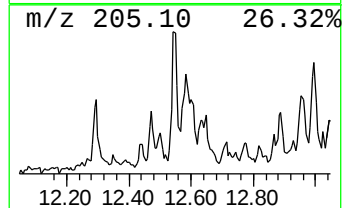
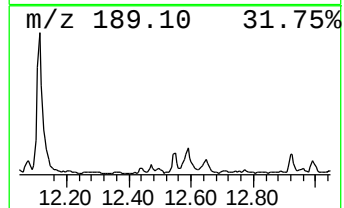
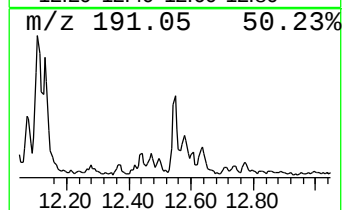
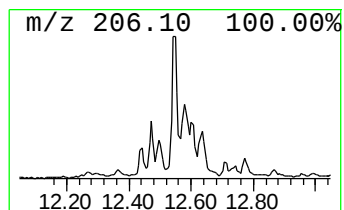
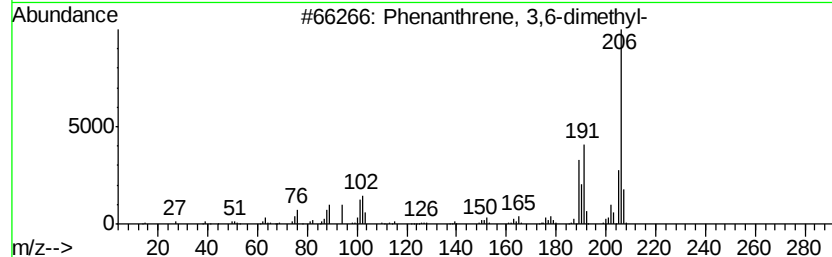
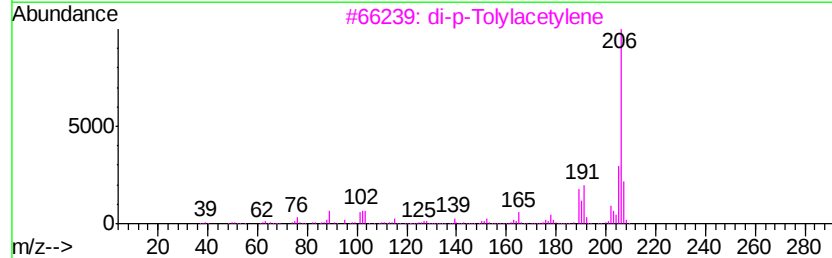
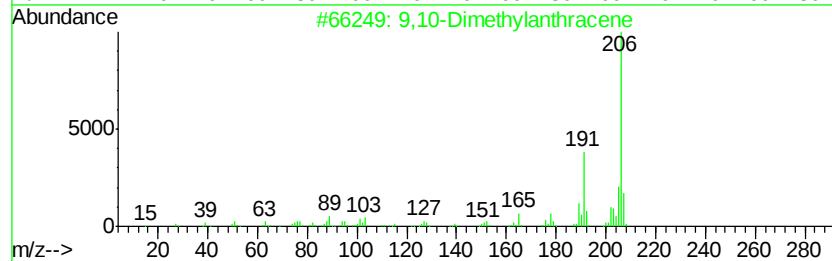
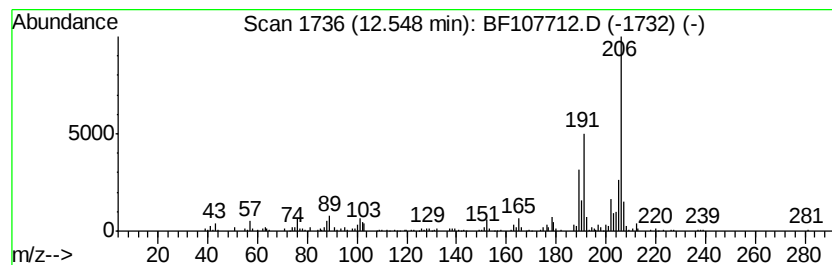
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.57 ng	233739	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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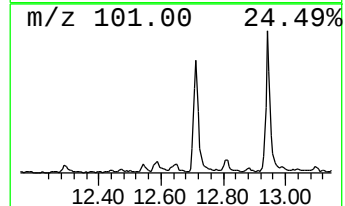
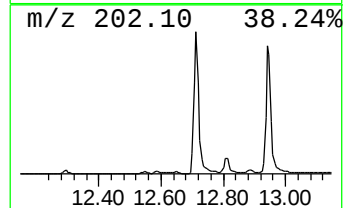
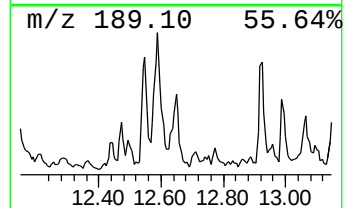
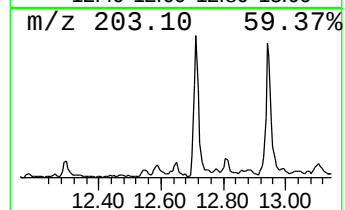
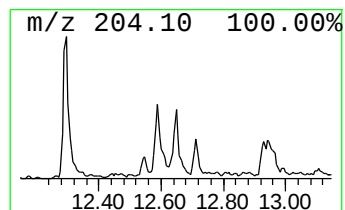
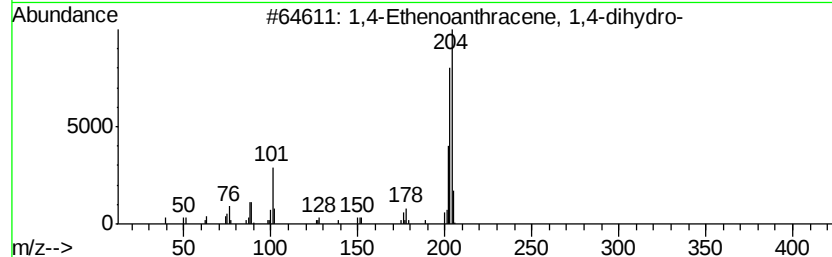
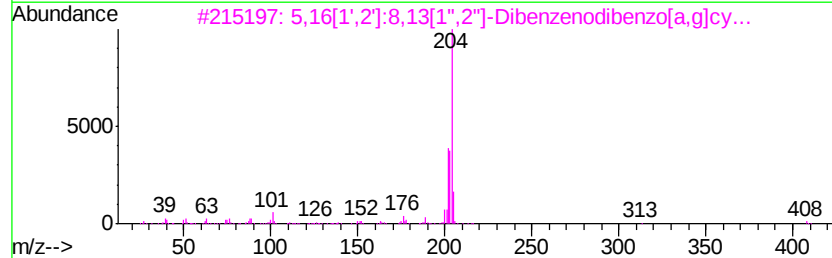
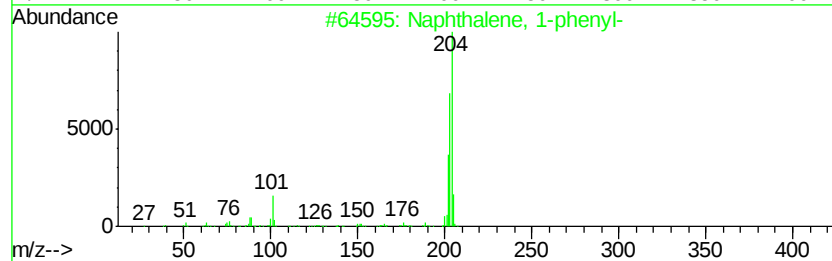
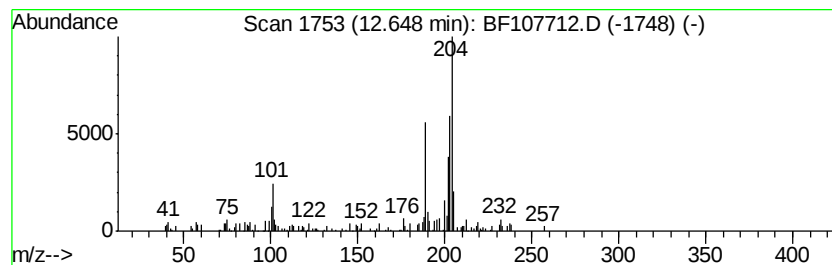
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ClientSampleId :
SB-12(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.65	2.86 ng	187075	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
3		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	49
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

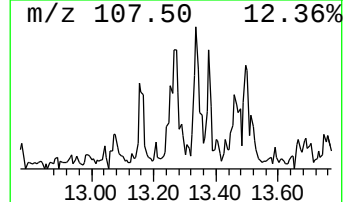
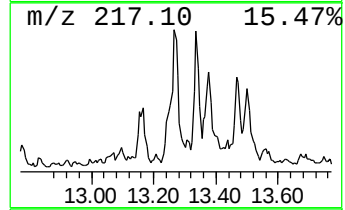
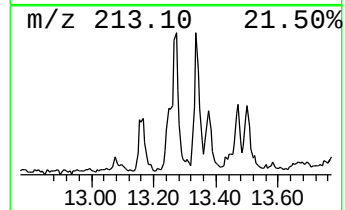
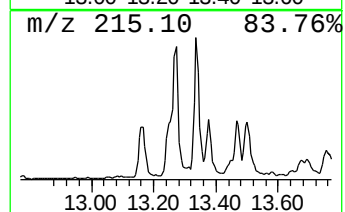
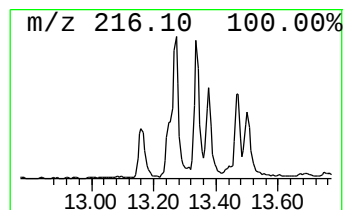
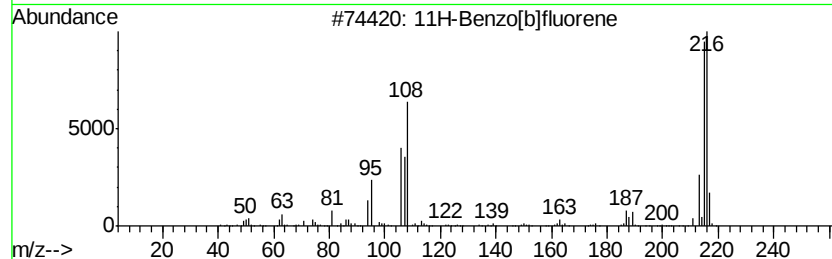
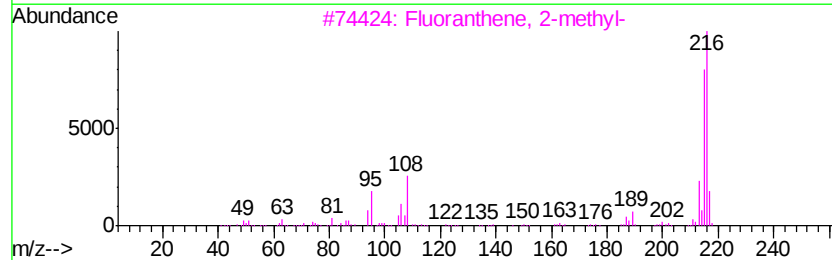
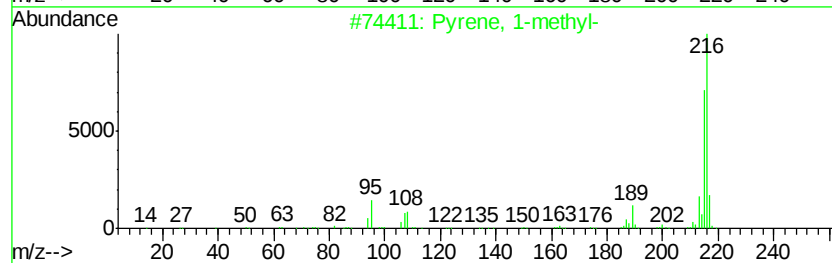
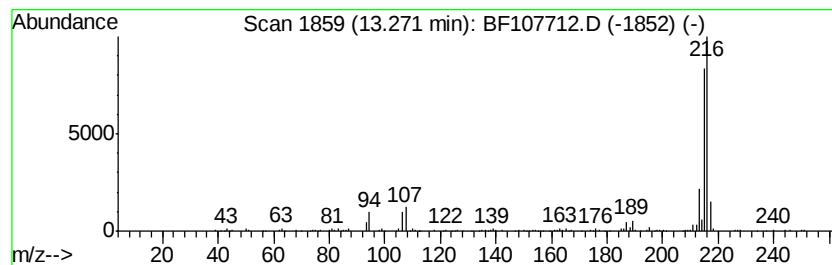
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.27	4.35 ng	408542	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

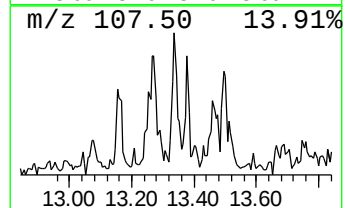
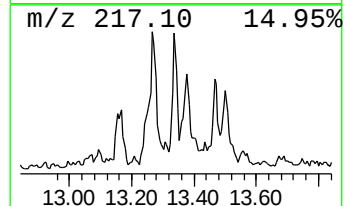
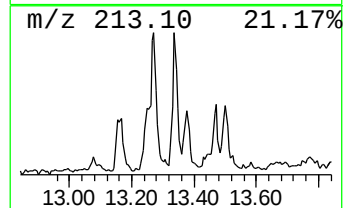
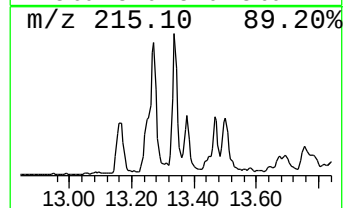
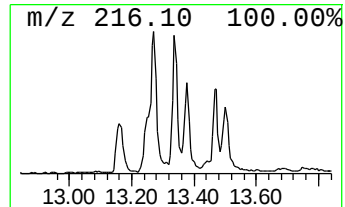
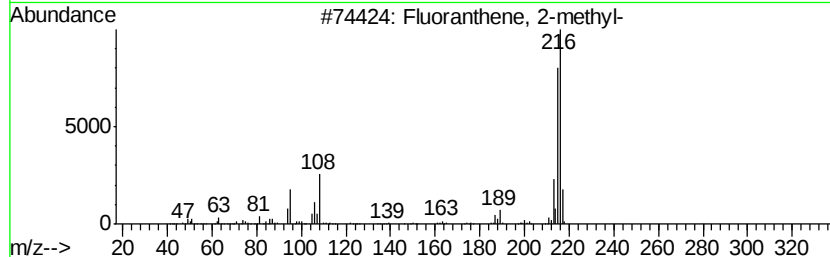
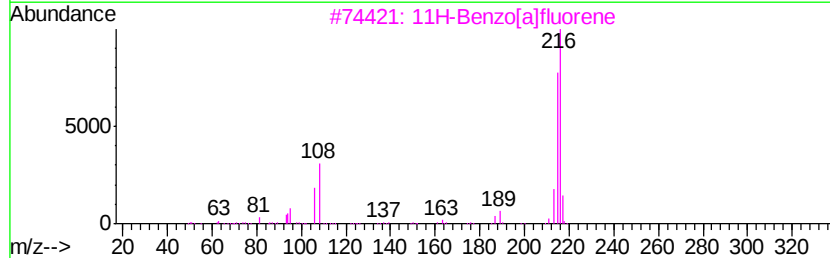
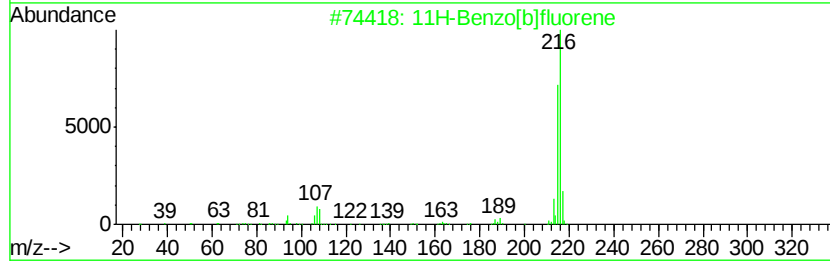
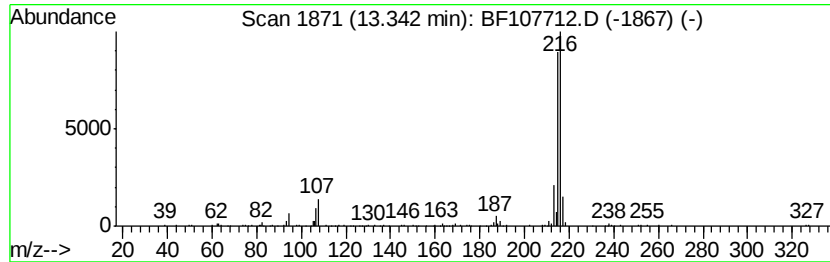
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.34	2.57 ng	241451	Chrysene-d12	14.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12(3-5)

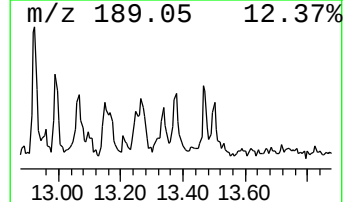
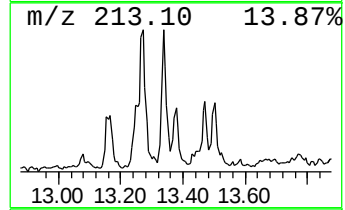
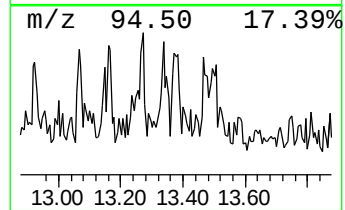
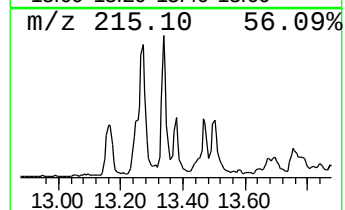
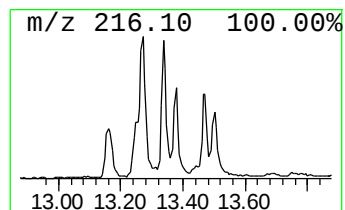
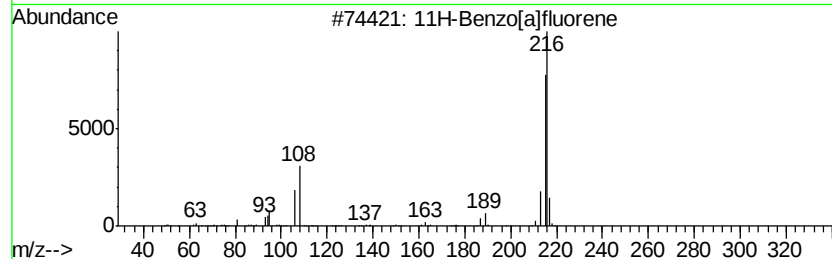
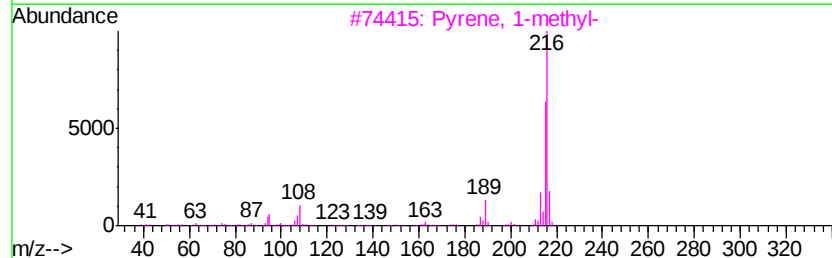
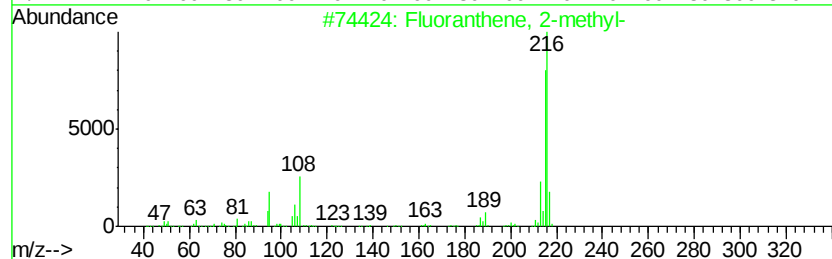
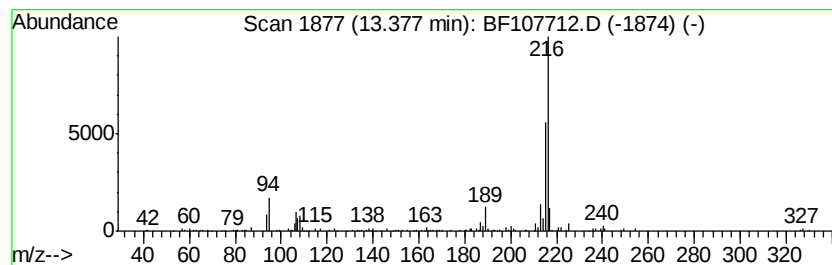
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.29 ng	214993	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12(3-5)

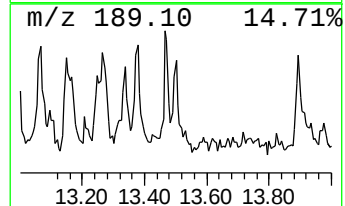
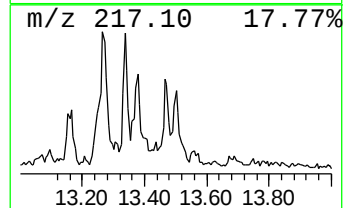
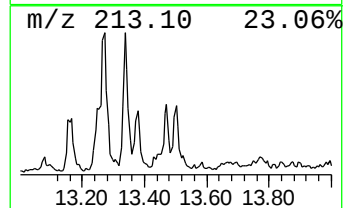
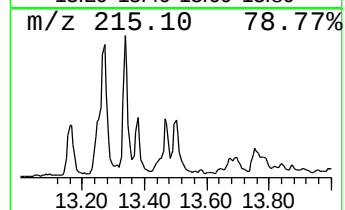
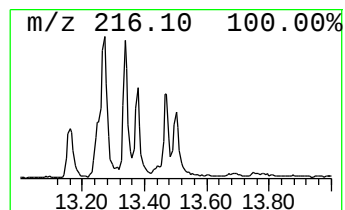
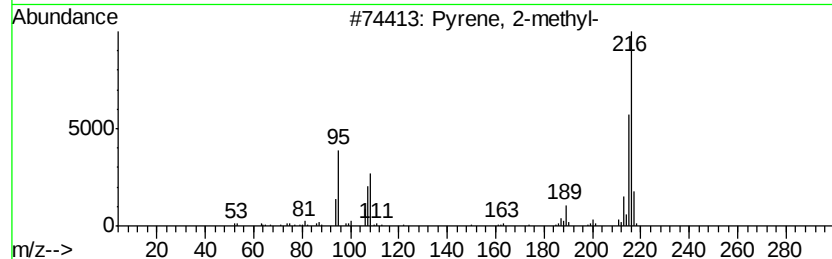
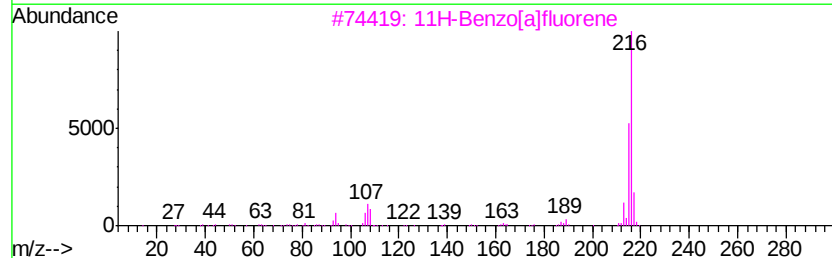
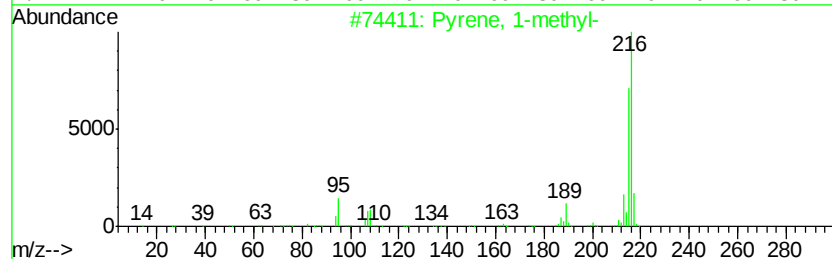
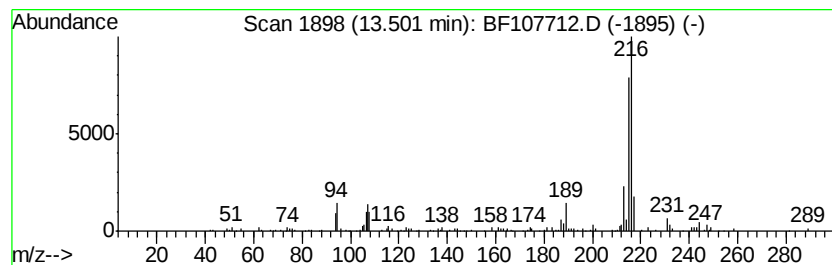
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.26 ng	211896	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107712.D
Acq On : 26 Jul 2018 20:54
Operator : JU/SJ
Sample : J4109-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(3-5)

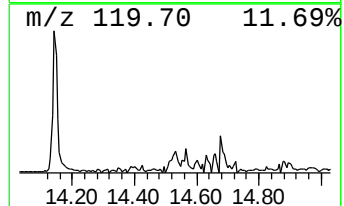
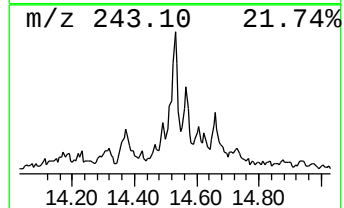
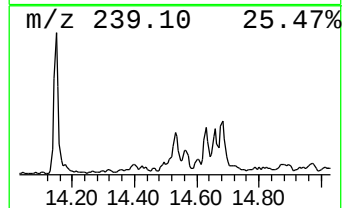
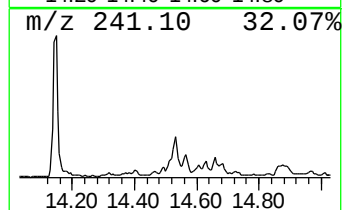
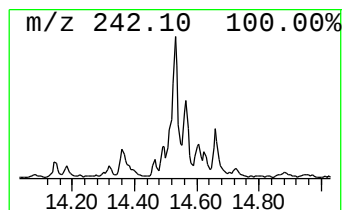
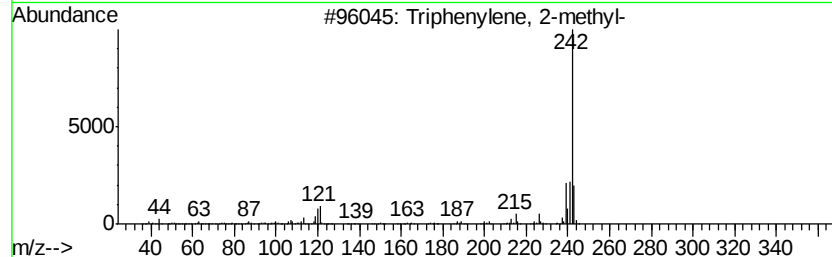
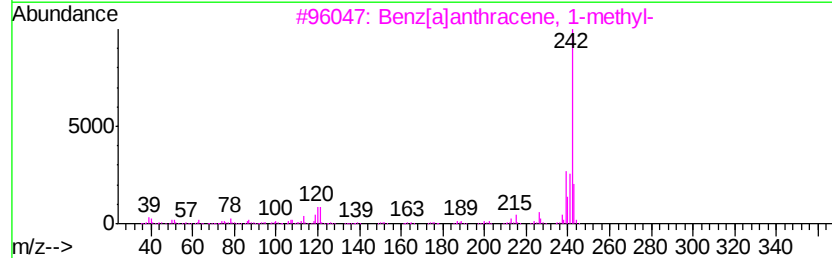
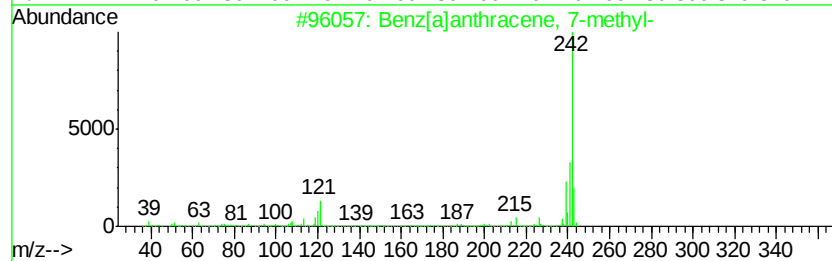
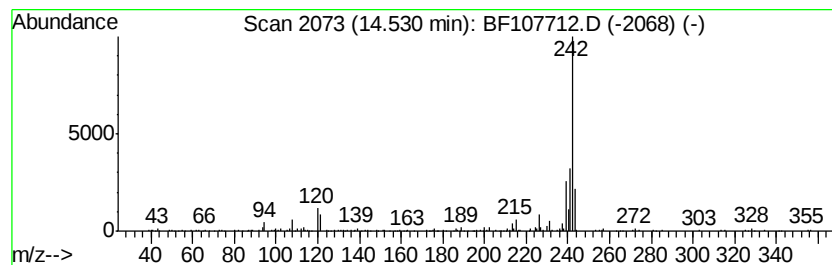
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.36 ng	221889	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4		Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5		Chrysene, 6-methyl-	242	C19H14	001705-85-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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ALS Vial : 16 Sample Multiplier: 1

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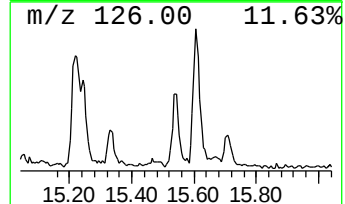
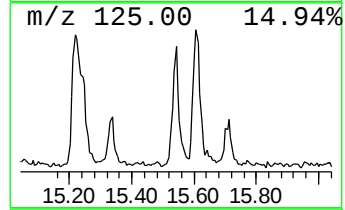
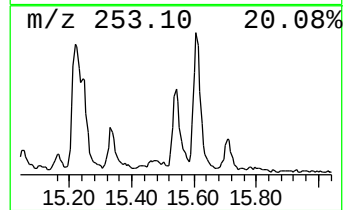
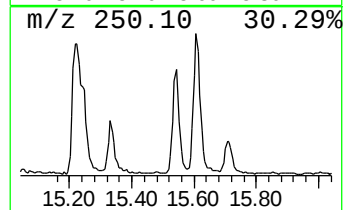
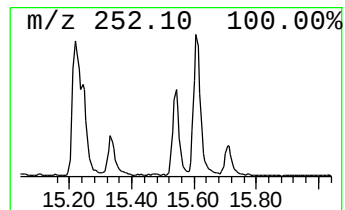
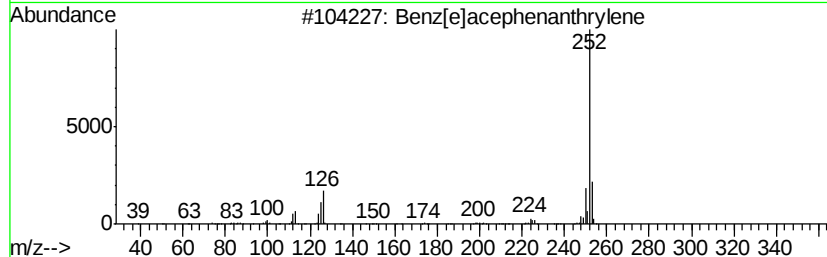
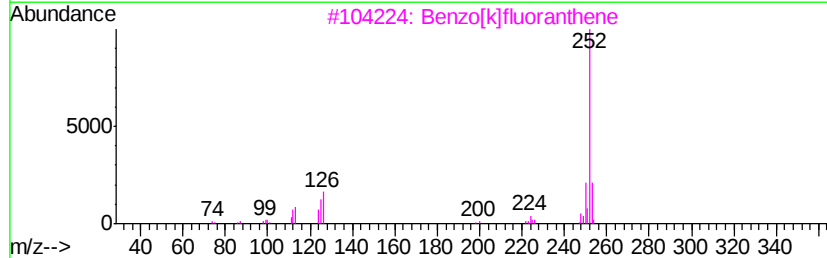
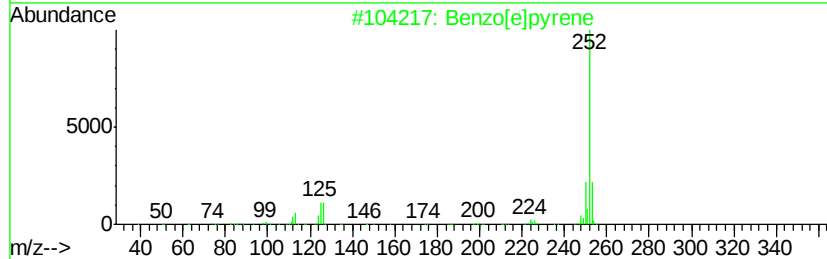
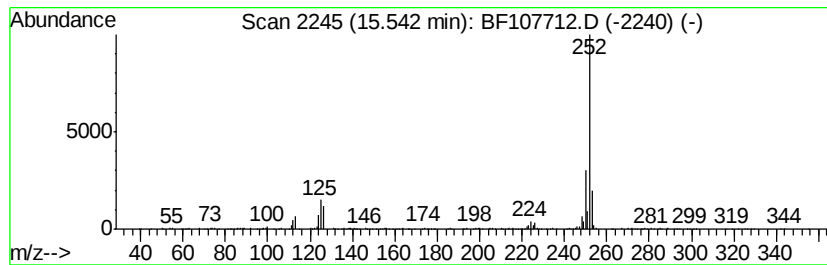
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	5.18 ng	381617	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107712.D
 Acq On : 26 Jul 2018 20:54
 Operator : JU/SJ
 Sample : J4109-03 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown6.74	6.74	6.0 ng		301791	1	6.96	1006310	20.0
Indane	7.14	6.6 ng		333758	1	6.96	1006310	20.0
Naphthalene, 1-me...	9.05	8.6 ng		550863	2	8.24	1282040	20.0
1,1'-Biphenyl, 2-...	9.31	4.6 ng		348880	3	10.00	1529810	20.0
Dibenzothiophene	11.40	2.3 ng		149635	4	11.49	1309900	20.0
Phenanthrene, 1-m...	11.99	3.4 ng		224595	4	11.49	1309900	20.0
Anthracene, 9-met...	12.02	3.2 ng		208706	4	11.49	1309900	20.0
4H-Cyclopenta[def...	12.11	6.4 ng		416409	4	11.49	1309900	20.0
9,10-Dimethylanth...	12.55	3.6 ng		233739	4	11.49	1309900	20.0
Naphthalene, 1-ph...	12.65	2.9 ng		187075	4	11.49	1309900	20.0
Pyrene, 1-methyl-	13.27	4.3 ng		408542	5	14.15	1878730	20.0
11H-Benzo[b]fluorene	13.34	2.6 ng		241451	5	14.15	1878730	20.0
Fluoranthene, 2-m...	13.38	2.3 ng		214993	5	14.15	1878730	20.0
Pyrene, 2-methyl-	13.50	2.3 ng		211896	5	14.15	1878730	20.0
Benz[a]anthracene...	14.53	2.4 ng		221889	5	14.15	1878730	20.0
Benzo[e]pyrene	15.54	5.2 ng		381617	6	15.68	1473440	20.0