

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120041.D
 Acq On : 16 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2245-26 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

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-BF040820.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	5.322	547	550	562	rBV	1120865	1100584	75.77%	4.584%
2	6.357	722	726	737	rBV	1262885	1107477	76.24%	4.613%
3	6.722	785	788	792	rBV	1009142	806160	55.50%	3.358%
4	6.881	811	815	818	rBV	1122821	935195	64.38%	3.895%
5	7.287	880	884	887	rBV	833823	689935	47.50%	2.874%
6	8.010	1003	1007	1010	rBV	1233791	972503	66.95%	4.050%
7	8.722	1126	1128	1131	rVB2	25738	21606	1.49%	0.090%
8	9.086	1186	1190	1193	rBV	1698582	1317582	90.71%	5.488%
9	9.422	1245	1247	1250	rVV	29636	28135	1.94%	0.117%
10	9.481	1255	1257	1262	rVV	65675	66584	4.58%	0.277%
11	9.539	1263	1267	1273	rVB2	18815	22148	1.52%	0.092%
12	9.622	1276	1281	1287	rVV	31158	30555	2.10%	0.127%
13	9.763	1299	1305	1309	rBV	1096634	1022190	70.37%	4.257%
14	9.798	1309	1311	1315	rVB	92364	74111	5.10%	0.309%
15	9.922	1328	1332	1335	rBV2	21050	20066	1.38%	0.084%
16	9.969	1337	1340	1343	rBV	60974	51037	3.51%	0.213%
17	10.175	1371	1375	1377	rBV4	22922	25300	1.74%	0.105%
18	10.310	1395	1398	1404	rBV	86692	75514	5.20%	0.315%
19	10.422	1415	1417	1420	rBV2	25086	22991	1.58%	0.096%
20	10.469	1422	1425	1430	rVB3	33194	37302	2.57%	0.155%
21	10.551	1435	1439	1444	rVV	636903	548069	37.73%	2.283%
22	10.592	1444	1446	1451	rVB4	14859	22458	1.55%	0.094%
23	10.680	1458	1461	1465	rBV3	37696	43423	2.99%	0.181%
24	10.863	1485	1492	1494	rBV4	36870	60339	4.15%	0.251%
25	10.886	1494	1496	1499	rVV2	32933	35688	2.46%	0.149%
26	10.945	1503	1506	1509	rVV2	26222	26789	1.84%	0.112%
27	10.986	1509	1513	1515	rVV3	31466	43788	3.01%	0.182%
28	11.010	1515	1517	1519	rVV2	35491	33663	2.32%	0.140%
29	11.057	1523	1525	1528	rVV2	39158	34243	2.36%	0.143%
30	11.110	1529	1534	1535	rVV2	33770	45506	3.13%	0.190%
31	11.145	1538	1540	1546	rVB	54147	64017	4.41%	0.267%
32	11.251	1554	1558	1560	rBV	1000271	857365	59.02%	3.571%
33	11.275	1560	1562	1565	rVV	930241	719080	49.50%	2.995%
34	11.322	1565	1570	1574	rVB	198583	200314	13.79%	0.834%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.363	1574	1577	1580	rBV2	32014	38250	2.63%	0.159%
36	11.480	1595	1597	1600	rVV	63365	58679	4.04%	0.244%
37	11.504	1600	1601	1607	rVV5	24058	33636	2.32%	0.140%
38	11.551	1607	1609	1612	rVV2	47073	44033	3.03%	0.183%
39	11.580	1612	1614	1617	rVB	41406	35348	2.43%	0.147%
40	11.663	1626	1628	1632	rVB2	25464	23531	1.62%	0.098%
41	11.751	1639	1643	1646	rVV	173443	168351	11.59%	0.701%
42	11.780	1646	1648	1653	rVB	288756	268458	18.48%	1.118%
43	11.827	1653	1656	1659	rBV2	108148	95014	6.54%	0.396%
44	11.863	1659	1662	1665	rVV	248180	275507	18.97%	1.147%
45	11.886	1665	1666	1671	rVB	159376	108894	7.50%	0.454%
46	11.939	1671	1675	1676	rBV3	26328	28940	1.99%	0.121%
47	11.963	1676	1679	1682	rBV2	48239	51499	3.55%	0.214%
48	12.051	1689	1694	1696	rBV	104157	107011	7.37%	0.446%
49	12.075	1696	1698	1702	rVB2	63427	57631	3.97%	0.240%
50	12.122	1705	1706	1710	rVB	26220	20818	1.43%	0.087%
51	12.198	1714	1719	1722	rBV	86588	105123	7.24%	0.438%
52	12.233	1722	1725	1726	rBV	39733	40349	2.78%	0.168%
53	12.304	1733	1737	1740	rBV	141920	154660	10.65%	0.644%
54	12.339	1740	1743	1748	rVB4	87006	140007	9.64%	0.583%
55	12.386	1748	1751	1757	rBV3	75997	96618	6.65%	0.402%
56	12.463	1761	1764	1768	rBV	1144530	1021655	70.33%	4.255%
57	12.510	1768	1772	1774	rBV4	45025	48041	3.31%	0.200%
58	12.616	1788	1790	1794	rVB2	30730	31634	2.18%	0.132%
59	12.669	1796	1799	1801	rVV2	374803	438514	30.19%	1.826%
60	12.692	1801	1803	1806	rVV	1153187	926591	63.79%	3.859%
61	12.716	1806	1807	1810	rVV2	70436	58454	4.02%	0.243%
62	12.745	1810	1812	1817	rVB3	98523	110053	7.58%	0.458%
63	12.786	1817	1819	1820	rBV2	29197	21160	1.46%	0.088%
64	12.810	1820	1823	1825	rBV	59928	52369	3.61%	0.218%
65	12.839	1825	1828	1835	rVB	1169468	987255	67.96%	4.112%
66	12.910	1836	1840	1845	rBV3	99863	170726	11.75%	0.711%
67	12.974	1848	1851	1853	rBV2	64718	67026	4.61%	0.279%
68	12.998	1853	1855	1856	rVV2	48072	41280	2.84%	0.172%
69	13.022	1856	1859	1862	rVB	209424	201738	13.89%	0.840%
70	13.086	1862	1870	1873	rBV2	187086	244284	16.82%	1.017%
71	13.127	1873	1877	1879	rBV2	136364	145102	9.99%	0.604%

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72	13.216	1889	1892	1895	rBV	117584	94595	6.51%	0.394%
73	13.251	1895	1898	1901	rVB	93106	87452	6.02%	0.364%
74	13.327	1908	1911	1916	rVB4	120454	130772	9.00%	0.545%
75	13.374	1916	1919	1922	rBV	238997	213136	14.67%	0.888%
76	13.427	1925	1928	1930	rBV2	63859	63782	4.39%	0.266%
77	13.510	1939	1942	1943	rBV2	31490	36762	2.53%	0.153%
78	13.527	1943	1945	1950	rVB	76856	91750	6.32%	0.382%
79	13.639	1960	1964	1966	rBV2	107807	118181	8.14%	0.492%
80	13.669	1967	1969	1971	rVB	87550	59888	4.12%	0.249%
81	13.692	1971	1973	1978	rVB2	66736	65426	4.50%	0.272%
82	13.739	1978	1981	1982	rBV	53012	45908	3.16%	0.191%
83	13.892	1999	2007	2009	rBV2	1066548	1452599	100.00%	6.050%
84	13.916	2009	2011	2017	rVB	583558	532269	36.64%	2.217%
85	13.998	2022	2025	2027	rVB	89534	71868	4.95%	0.299%
86	14.069	2035	2037	2042	rVB3	81273	75905	5.23%	0.316%
87	14.280	2070	2073	2076	rVB	132302	128132	8.82%	0.534%
88	14.316	2076	2079	2082	rVB	71292	64217	4.42%	0.267%
89	14.374	2086	2089	2091	rVB2	139509	125978	8.67%	0.525%
90	14.404	2091	2094	2096	rBV	62087	66402	4.57%	0.277%
91	14.668	2136	2139	2142	rBV	82630	100055	6.89%	0.417%
92	14.910	2176	2180	2183	rBV	407191	587240	40.43%	2.446%
93	14.992	2191	2194	2196	rBV2	78277	94247	6.49%	0.393%
94	15.198	2225	2229	2235	rVB	239046	314539	21.65%	1.310%
95	15.257	2235	2239	2245	rBV	374436	420583	28.95%	1.752%
96	15.315	2245	2249	2253	rVV	488554	628639	43.28%	2.618%
97	15.351	2253	2255	2260	rVB3	134091	179894	12.38%	0.749%
98	15.768	2324	2326	2331	rVB3	59323	69707	4.80%	0.290%
99	16.698	2480	2484	2493	rVB2	128171	261787	18.02%	1.090%
100	17.121	2551	2556	2560	rVB2	85230	148292	10.21%	0.618%

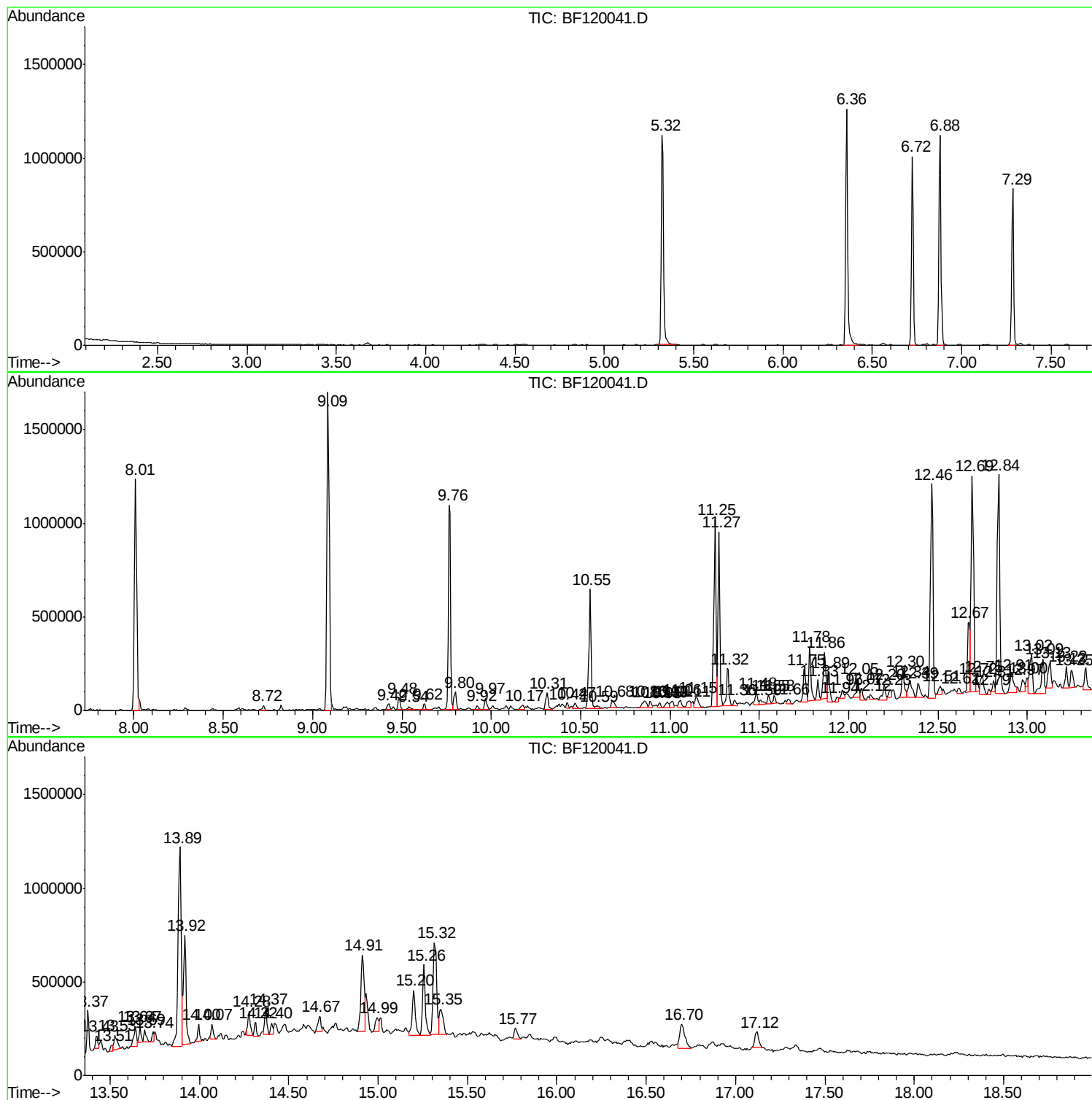
Sum of corrected areas: 24009961

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Instrument :
BNA_F
ClientSampled :
TP-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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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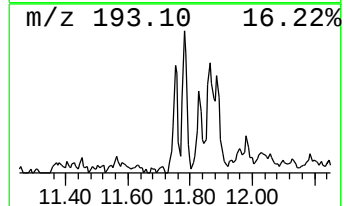
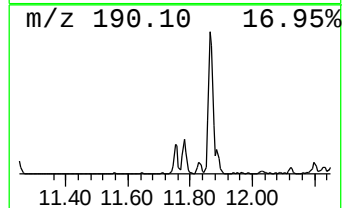
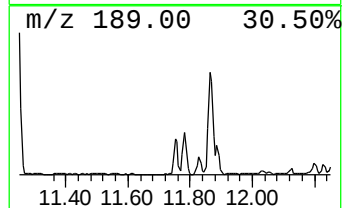
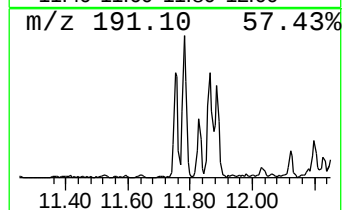
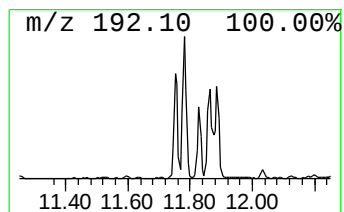
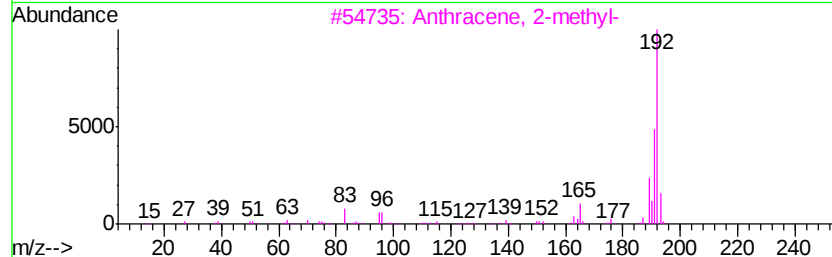
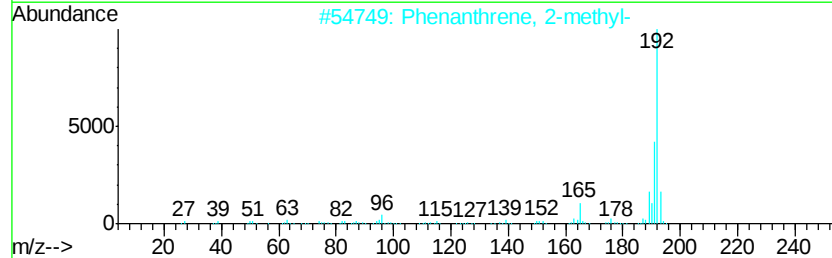
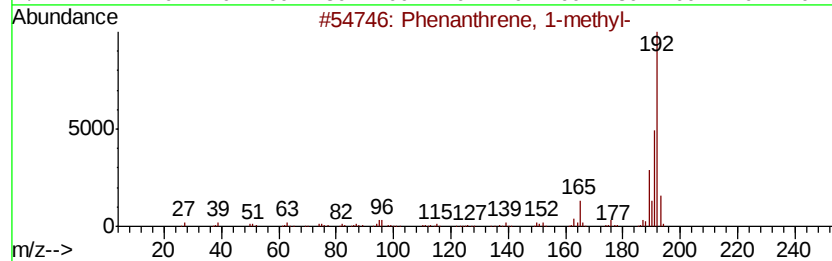
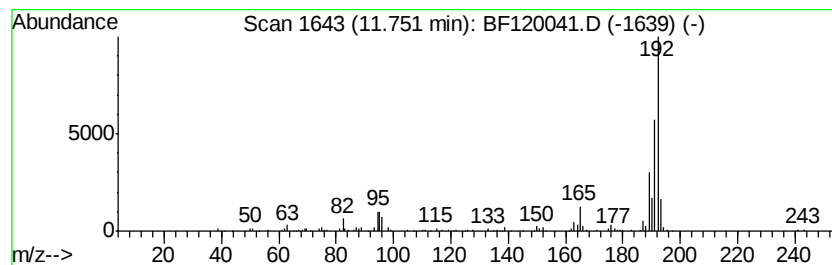
Instrument :
BNA_F
ClientSampleId :
TP-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	3.93 ng	168351	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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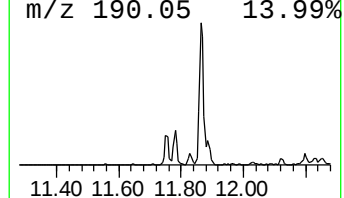
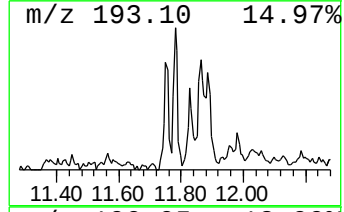
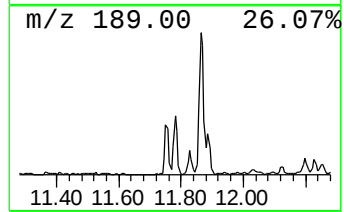
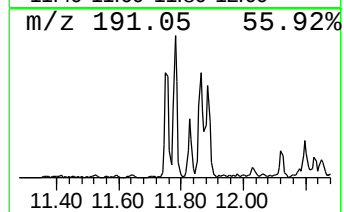
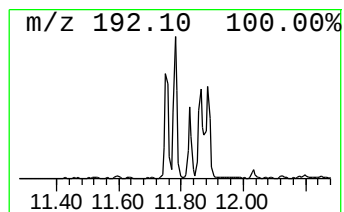
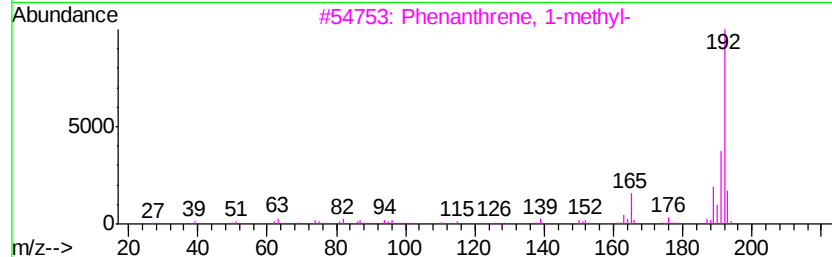
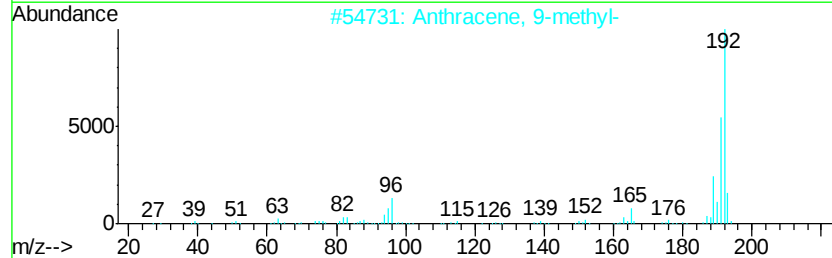
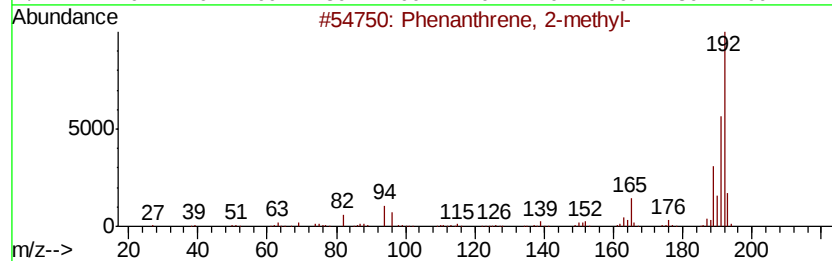
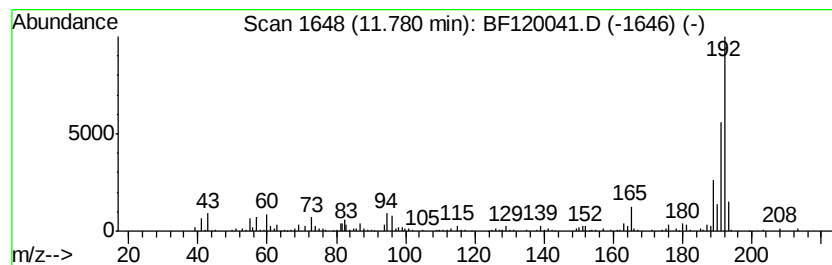
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.26 ng	268458	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92



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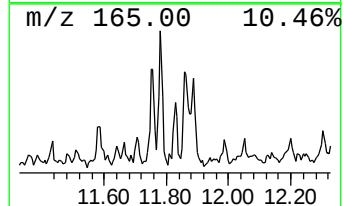
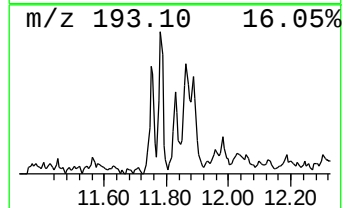
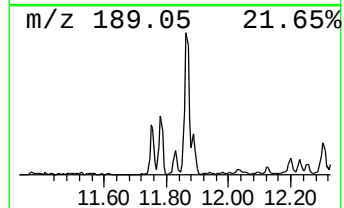
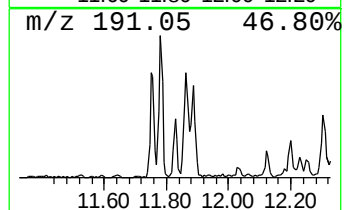
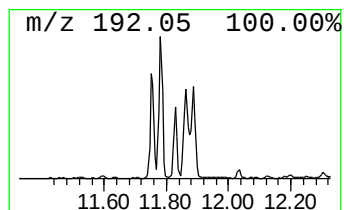
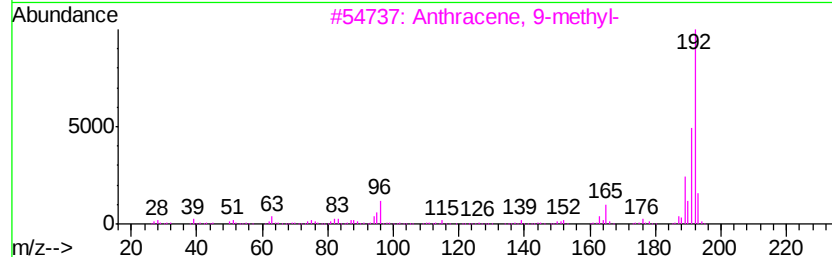
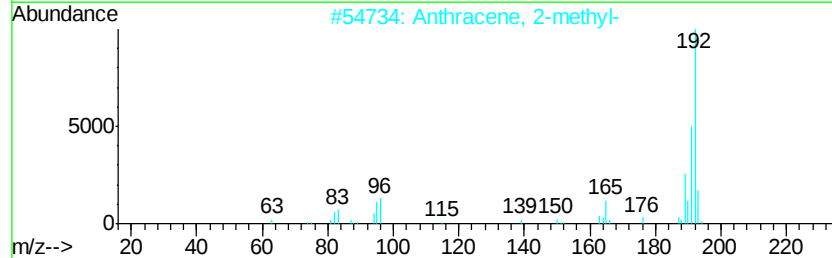
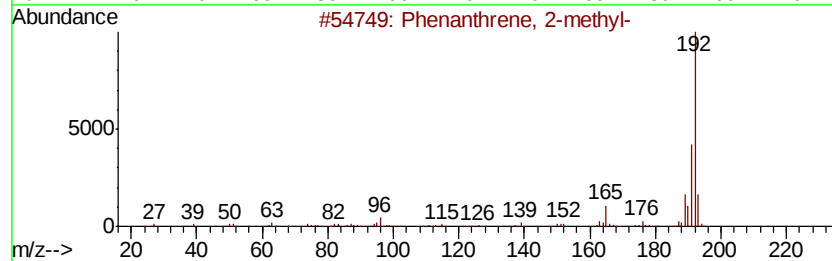
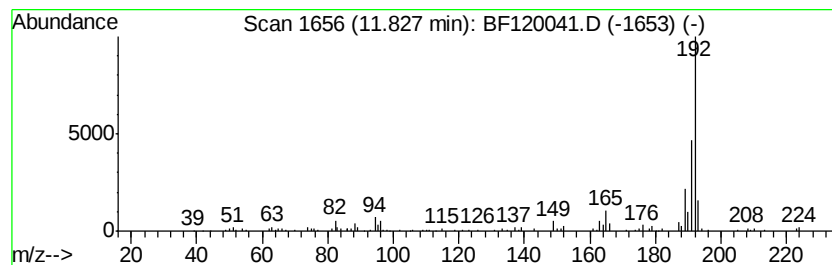
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.22 ng	95014	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

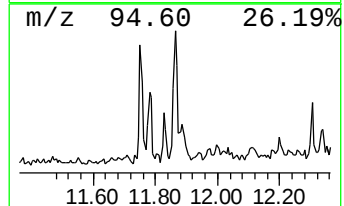
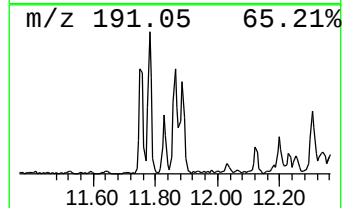
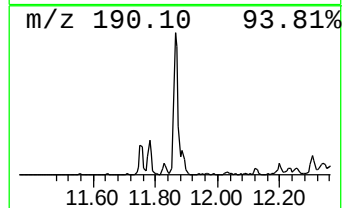
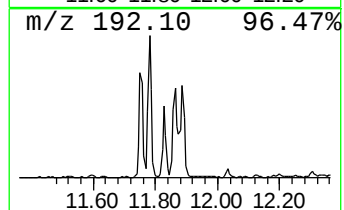
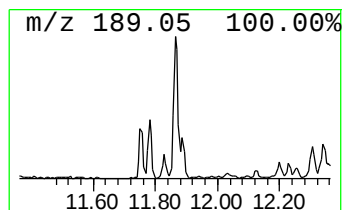
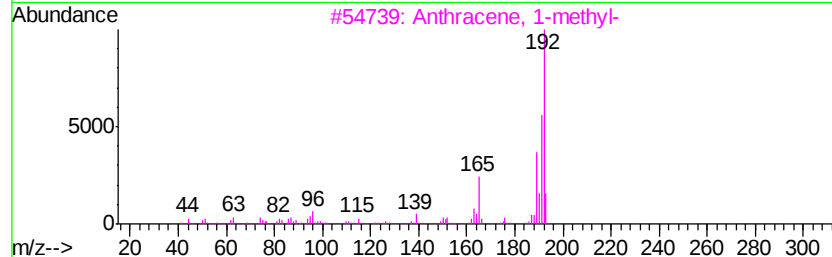
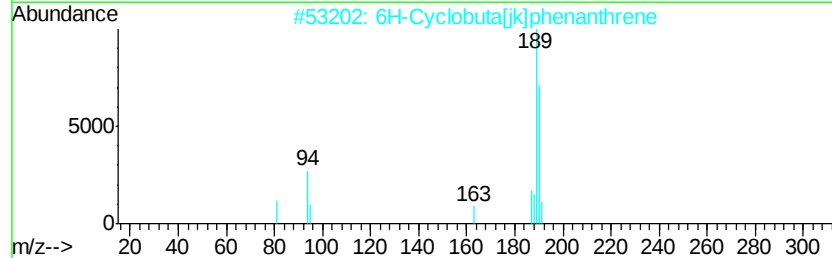
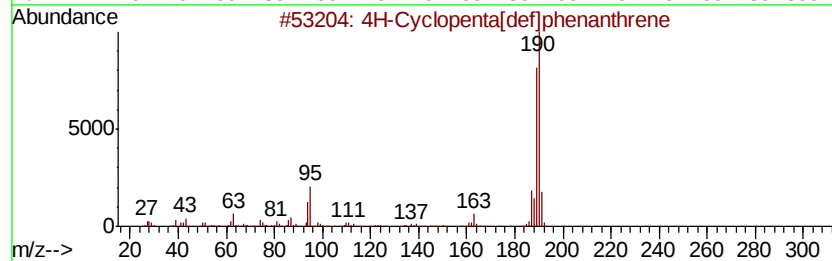
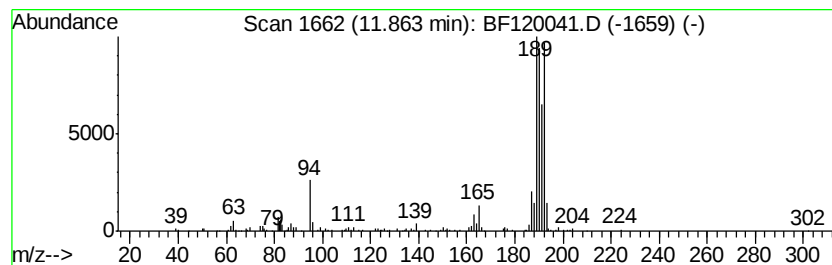
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	6.43 ng	275507	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	41
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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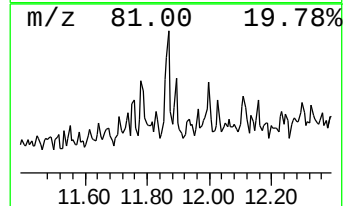
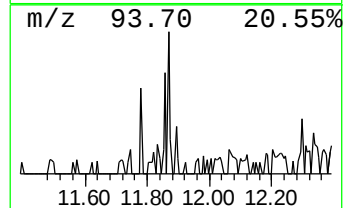
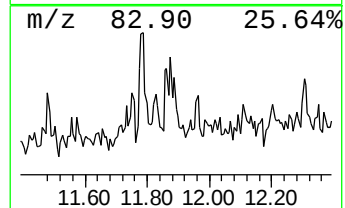
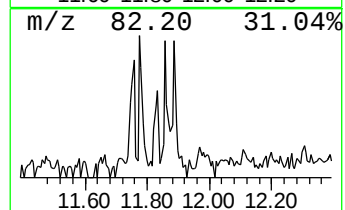
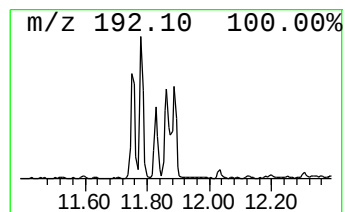
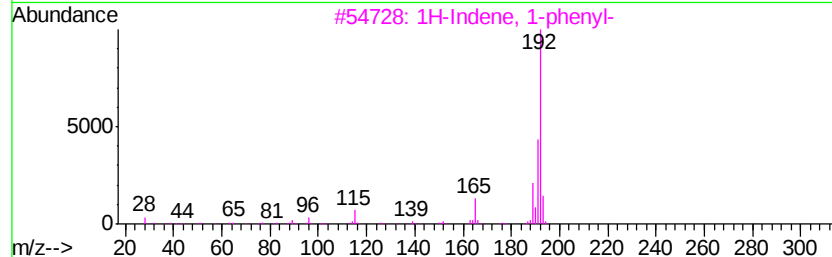
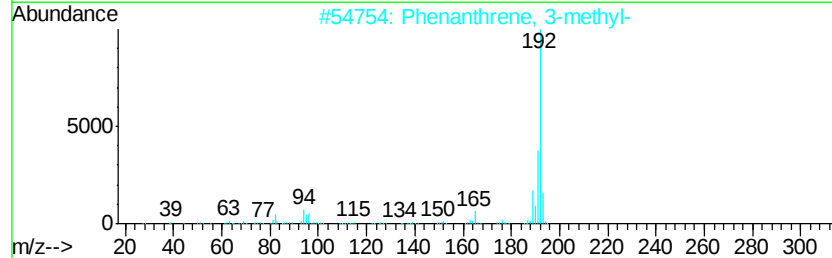
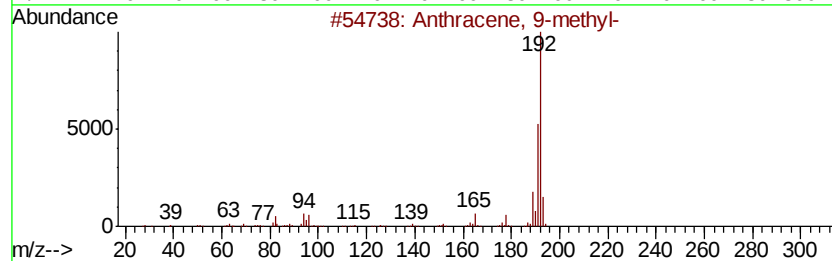
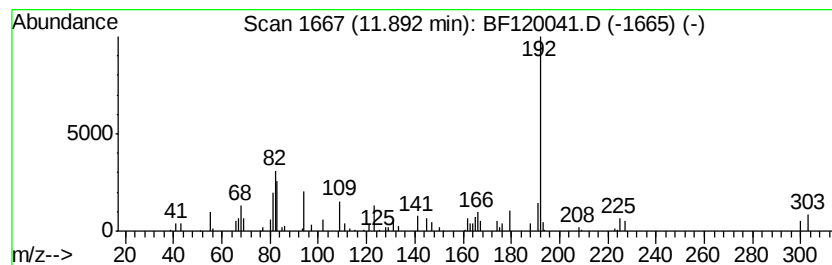
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.54 ng	108894	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	70
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	62
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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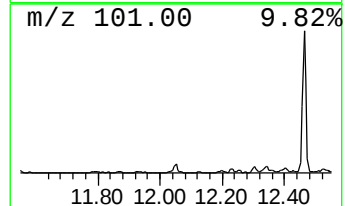
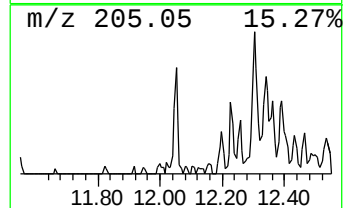
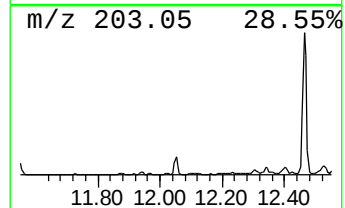
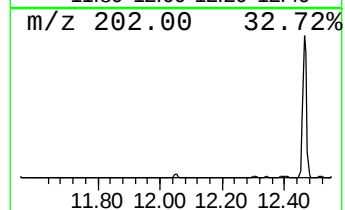
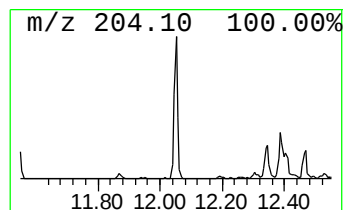
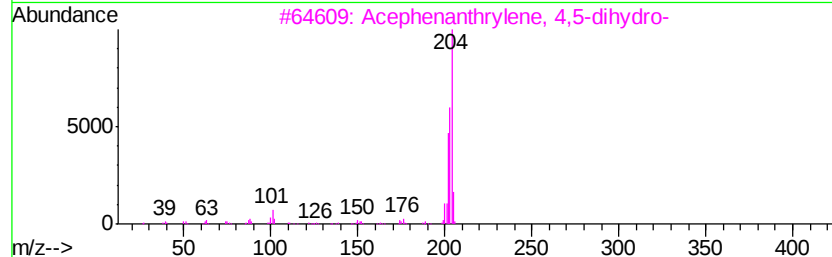
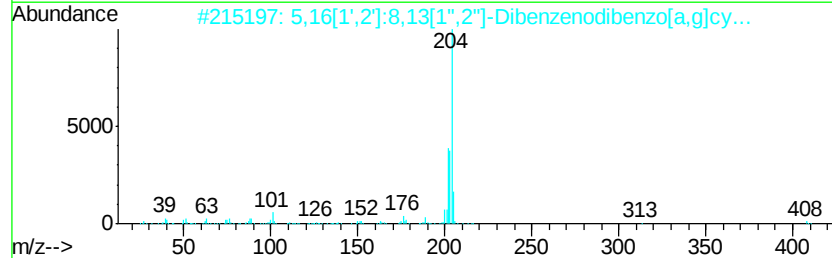
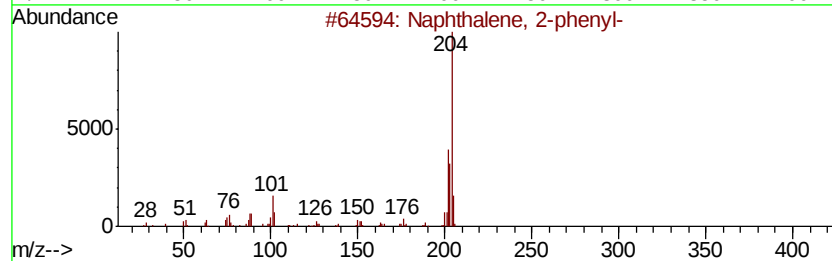
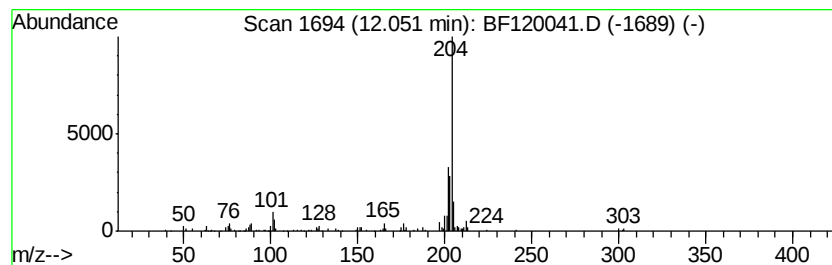
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.50 ng	107011	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	58
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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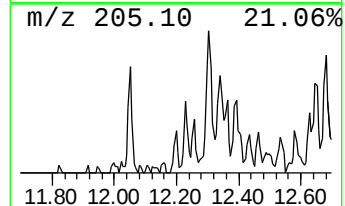
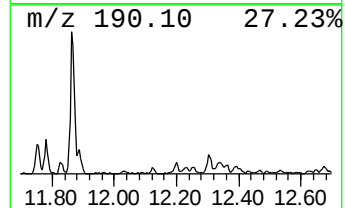
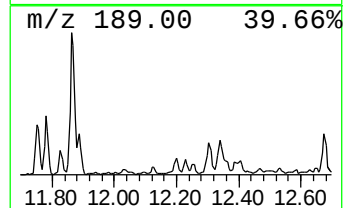
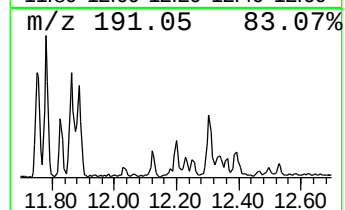
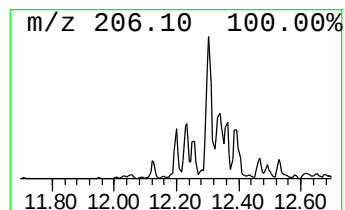
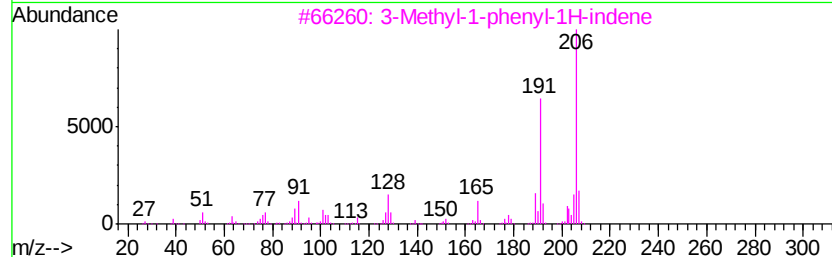
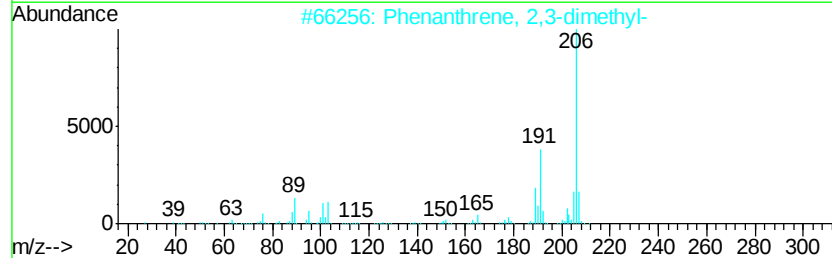
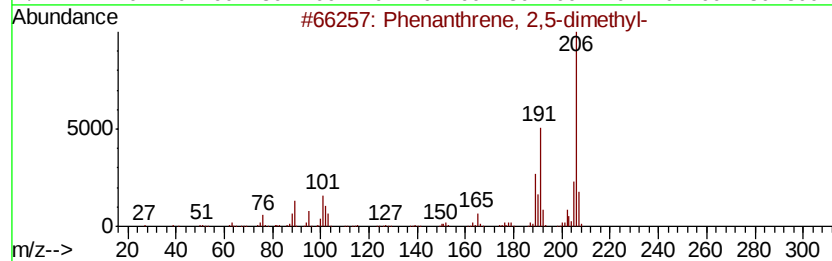
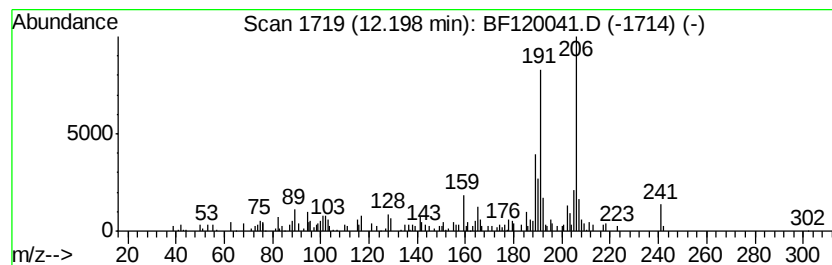
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.45 ng	105123	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
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Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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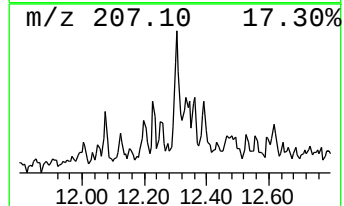
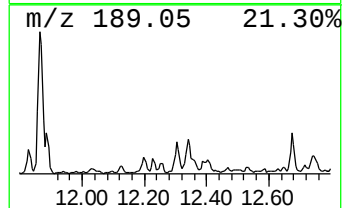
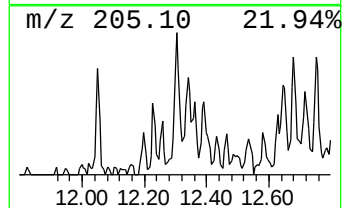
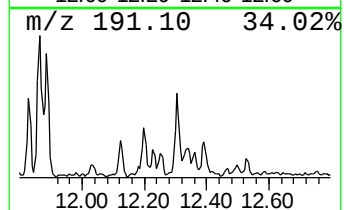
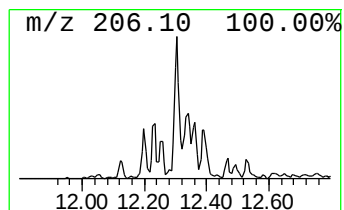
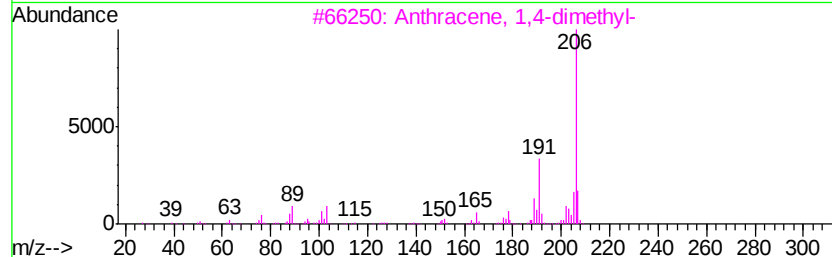
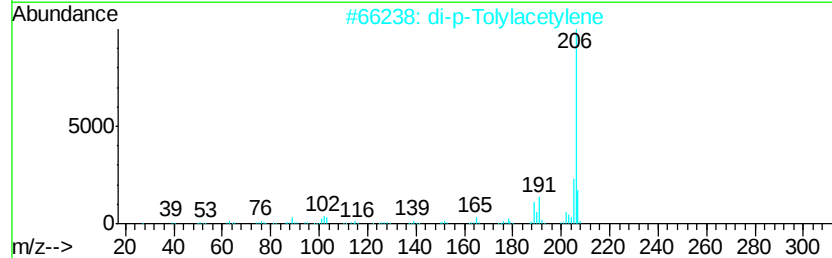
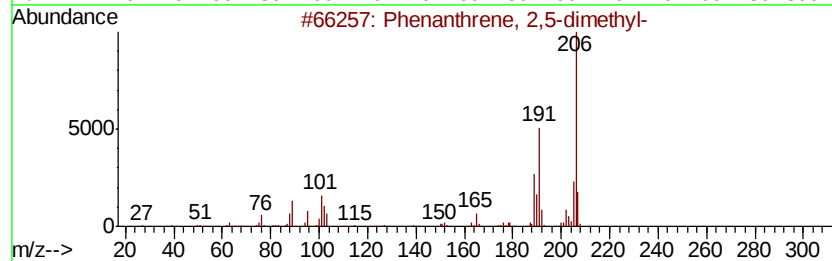
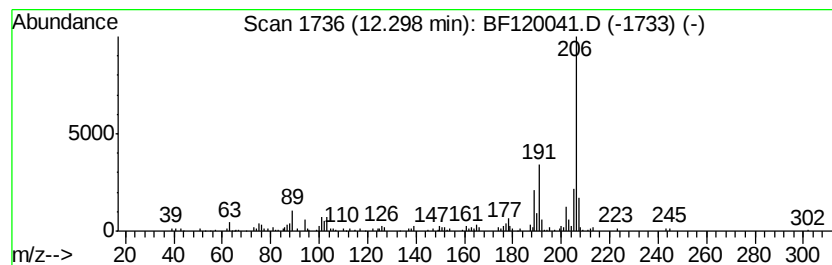
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.61 ng	154660	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
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ClientSampleId :
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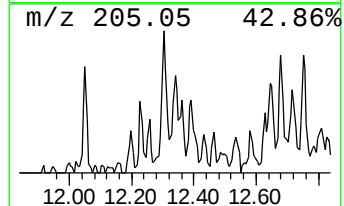
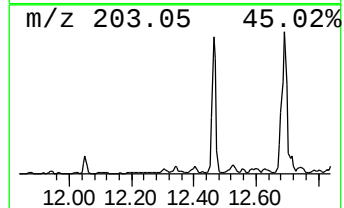
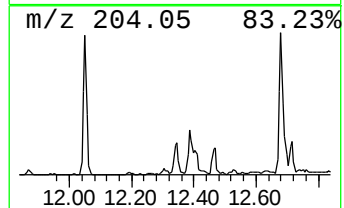
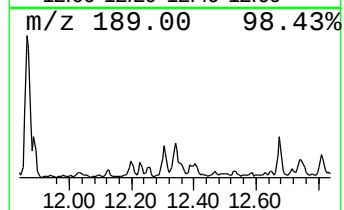
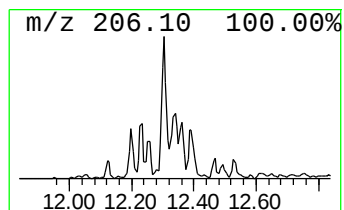
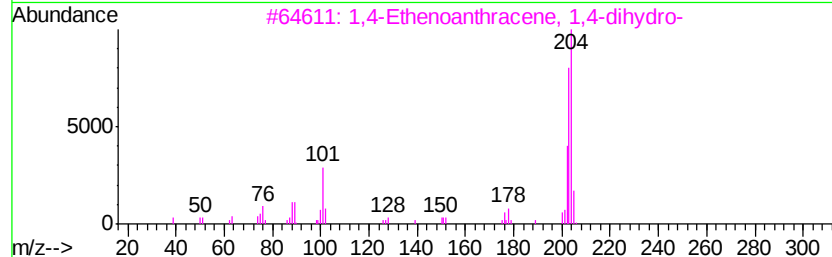
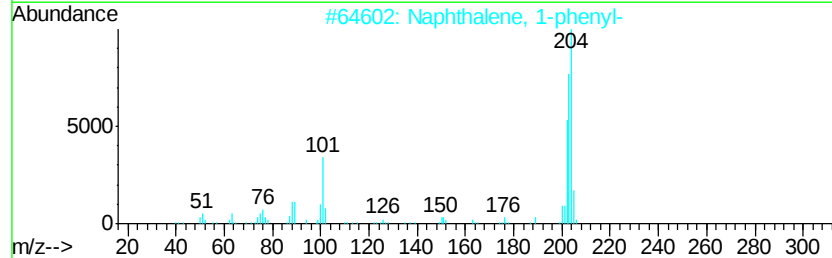
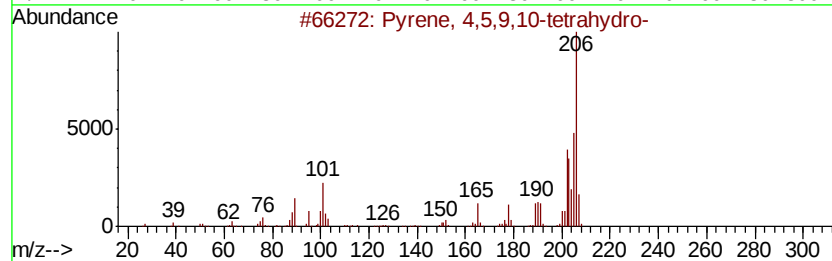
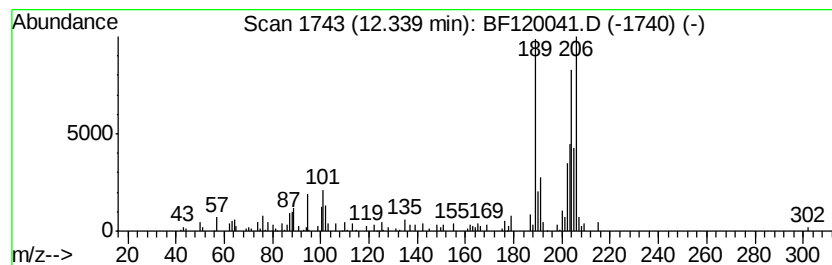
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.27 ng	140007	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
3		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	38
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	35
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
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ClientSampleId :
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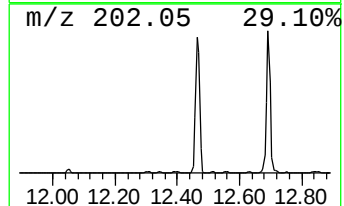
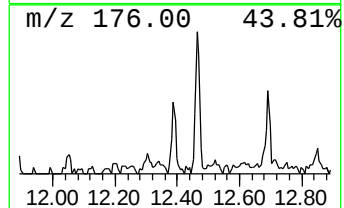
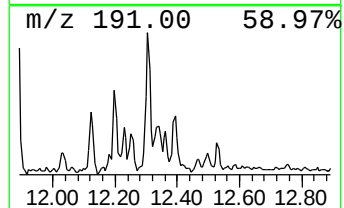
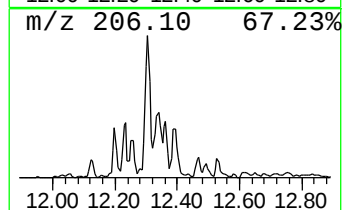
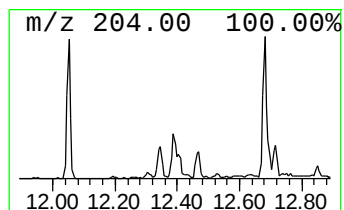
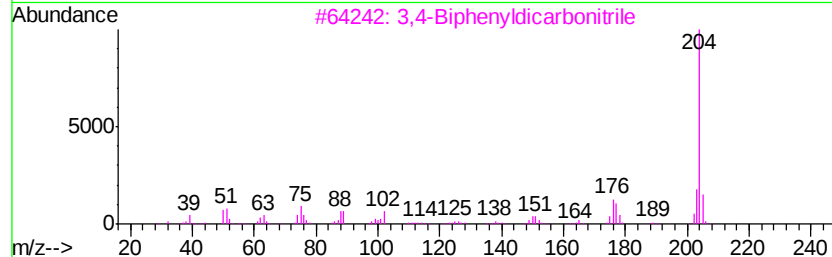
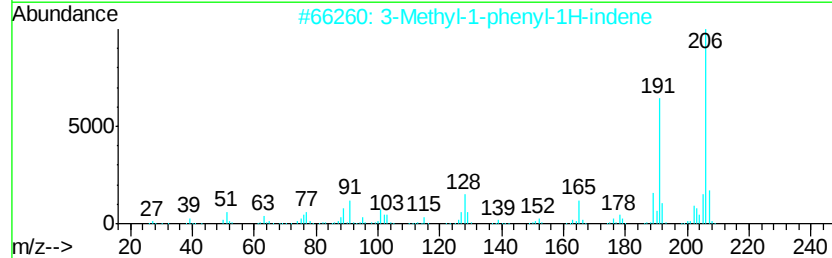
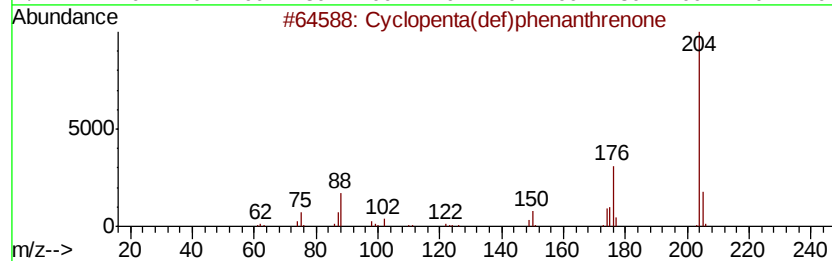
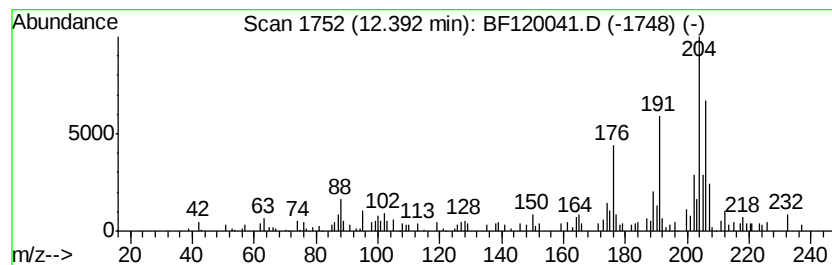
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.25 ng	96618	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	47
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
4		Benzaldehyde, 4-(phenylethynyl)-	206	C15H10O	057341-98-7	38
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21B

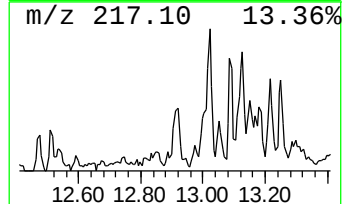
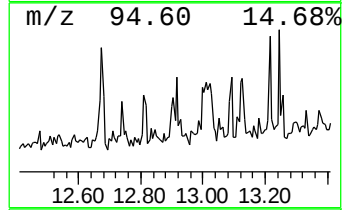
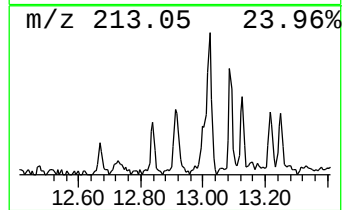
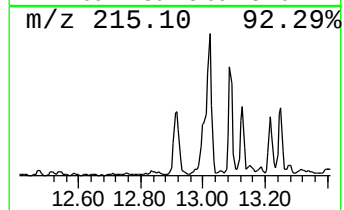
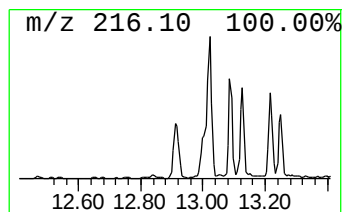
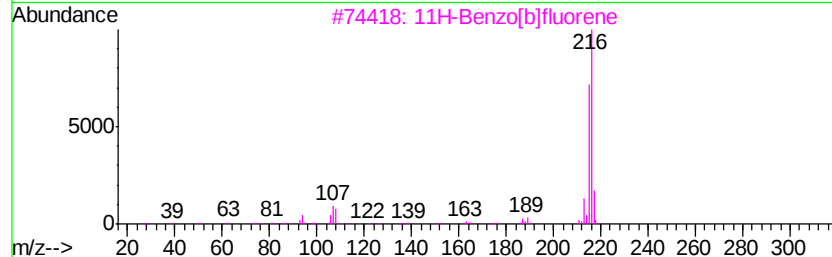
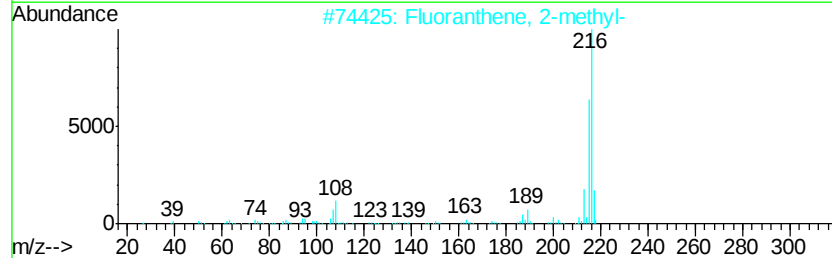
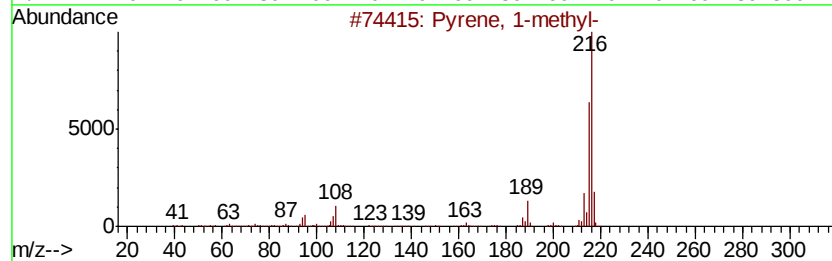
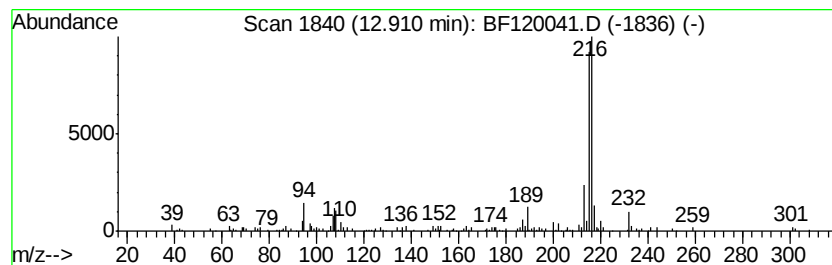
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.35 ng	170726	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
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Misc :
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ClientSampleId :
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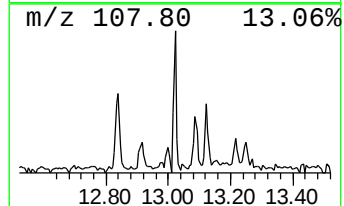
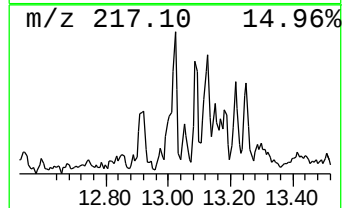
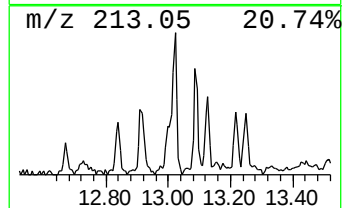
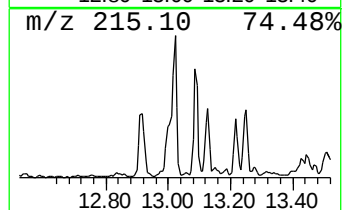
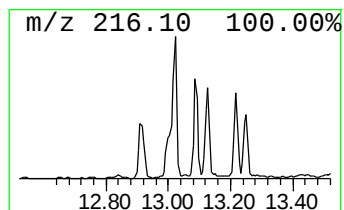
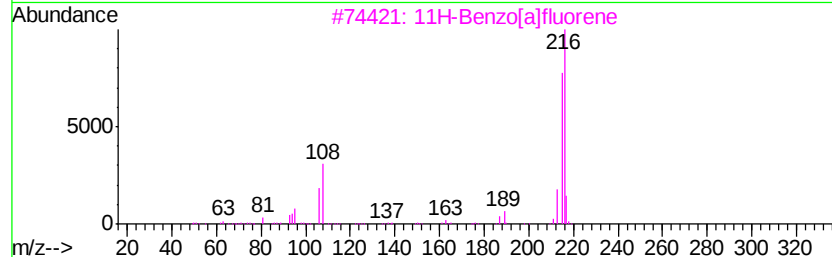
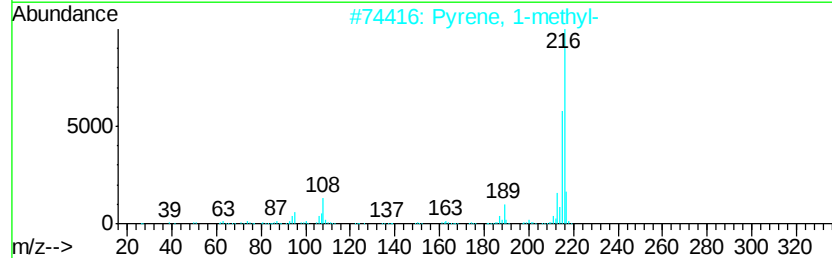
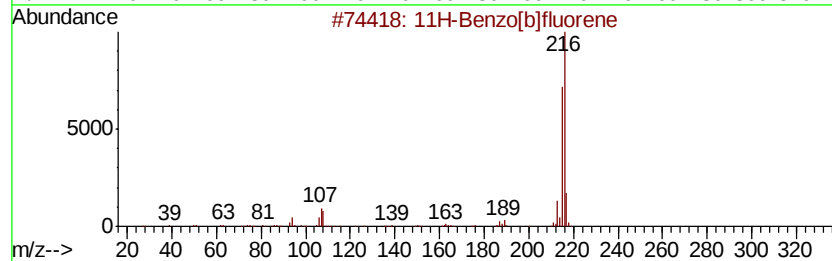
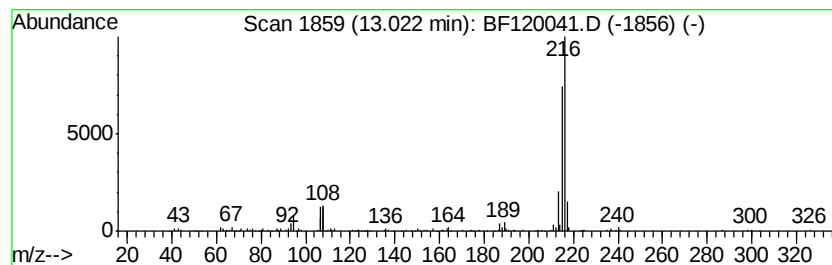
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.78 ng	201738	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
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Operator : MA/SJ
Sample : L2245-26 5X
Misc :
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ClientSampleId :
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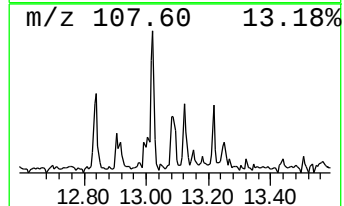
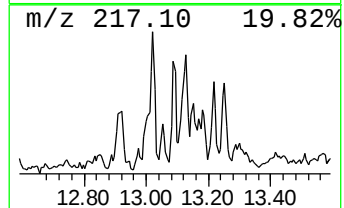
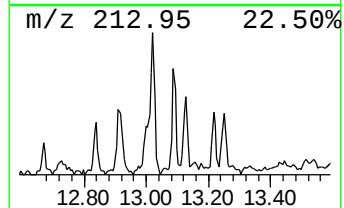
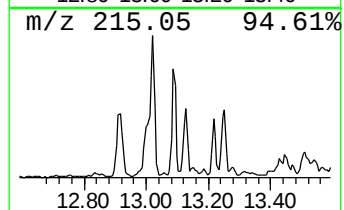
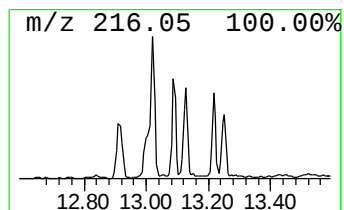
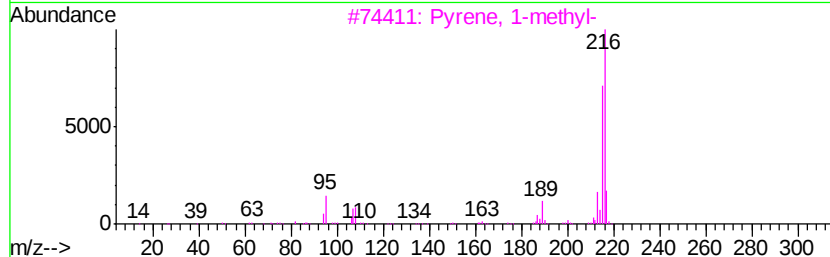
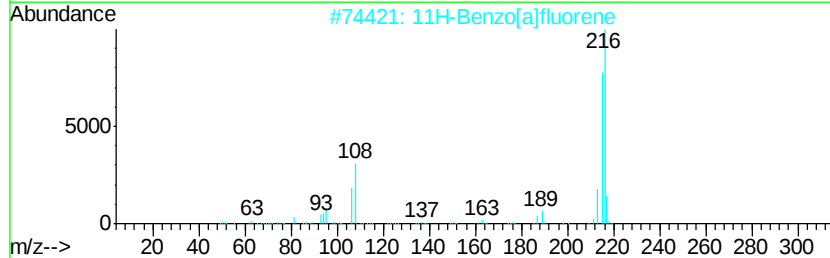
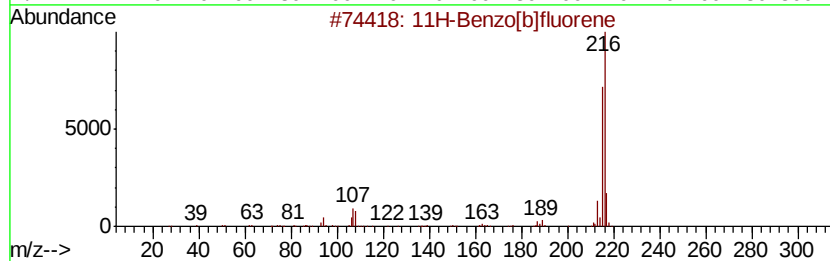
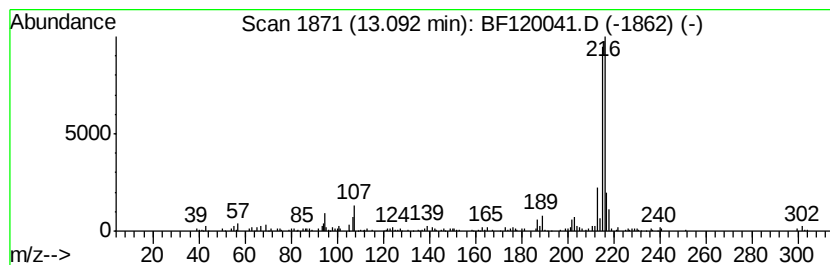
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.36 ng	244284	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	86
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Sample : L2245-26 5X
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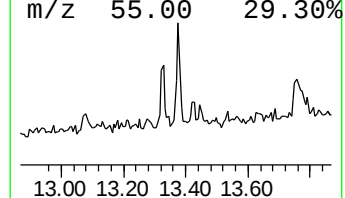
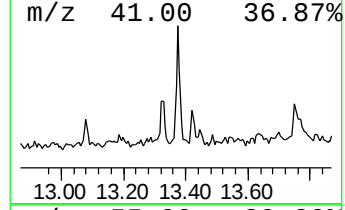
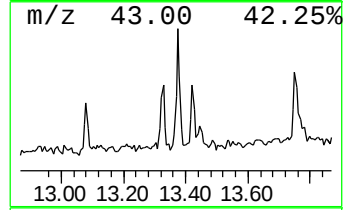
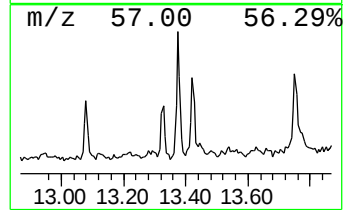
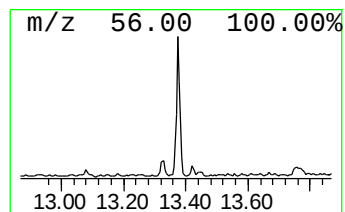
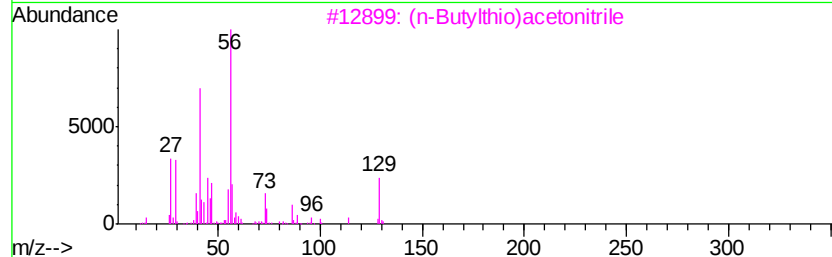
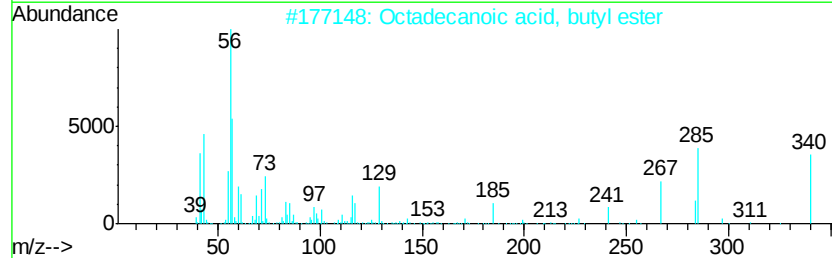
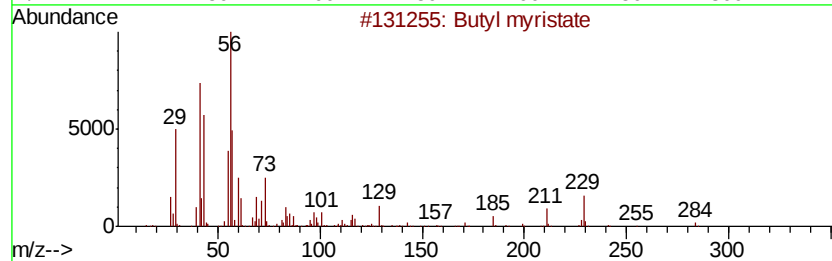
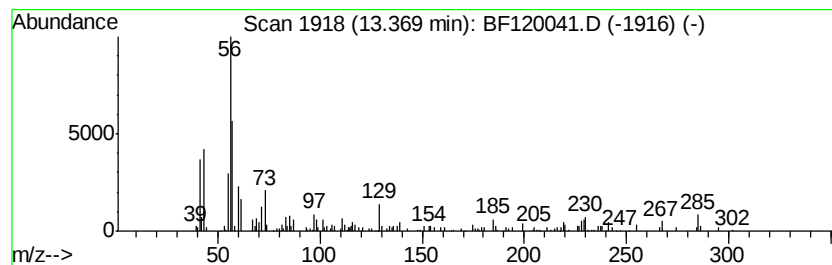
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Butyl myristate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.37	2.93 ng	213136	Chrysene-d12		13.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl myristate	284	C18H36O2	000110-36-1	90
2			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
3			(n-Butylthio)acetonitrile	129	C6H11NS	071037-08-6	50
4			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5			1-Decene, 9-methyl-	154	C11H22	061142-78-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120041.D
 Acq On : 16 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2245-26 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

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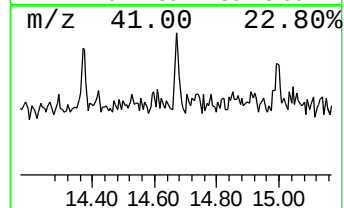
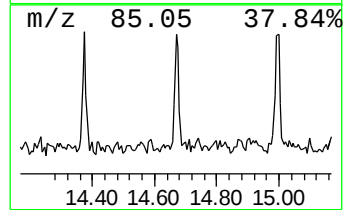
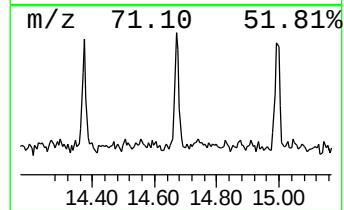
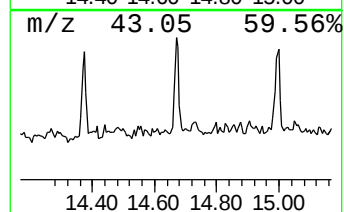
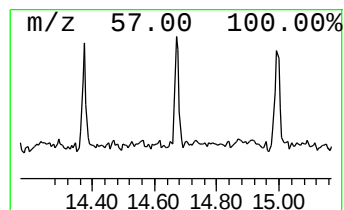
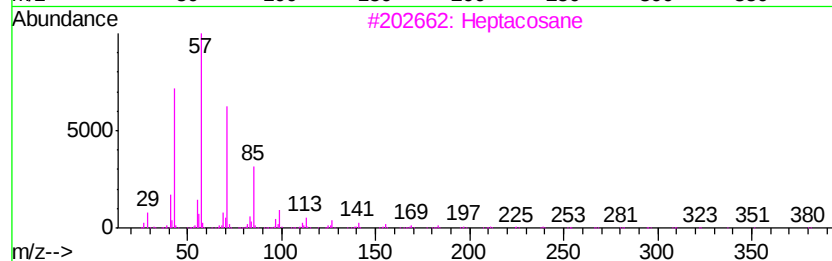
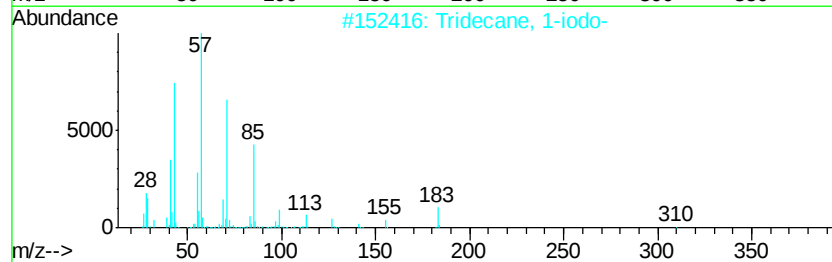
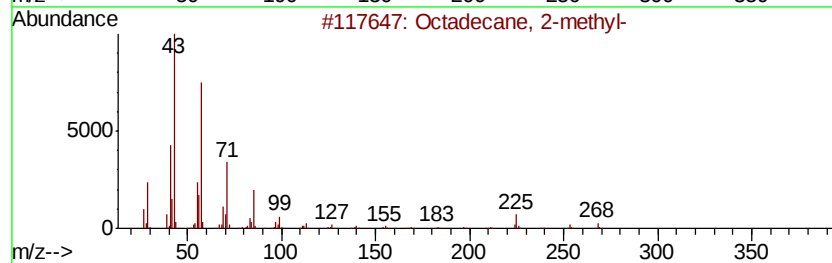
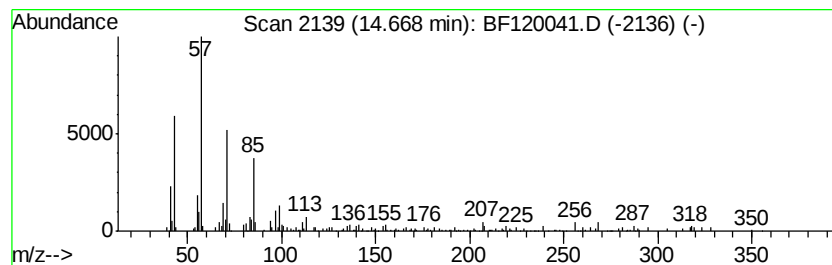
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Octadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.18 ng	100055	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
3		Heptacosane	380	C27H56	000593-49-7	72
4		Nonadecane	268	C19H40	000629-92-5	72
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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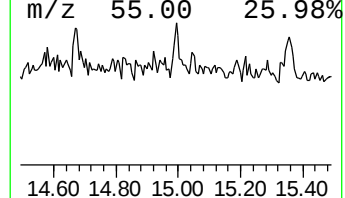
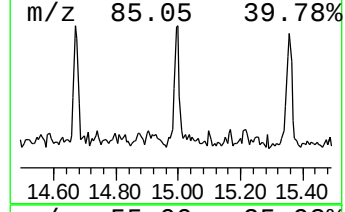
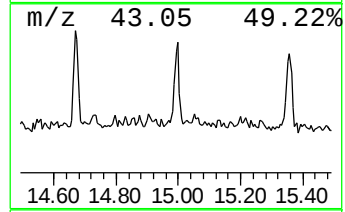
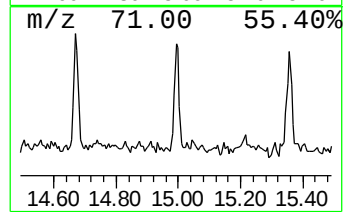
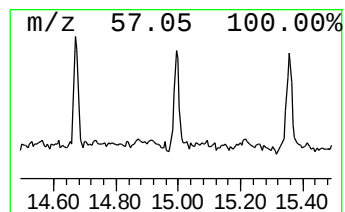
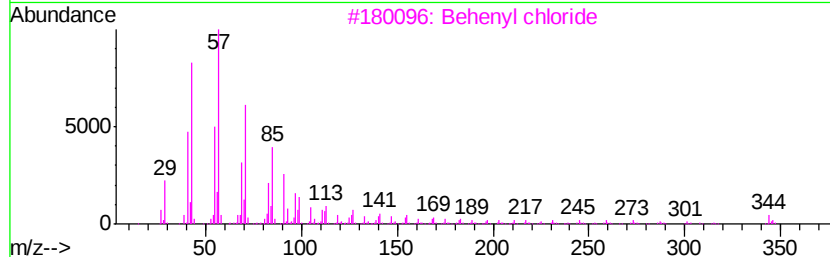
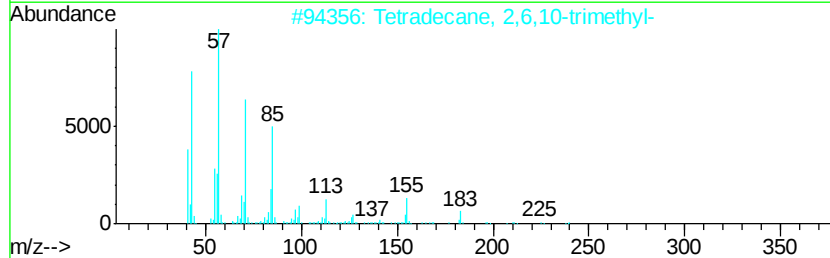
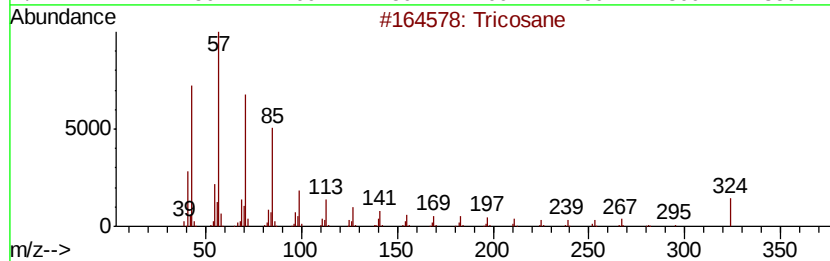
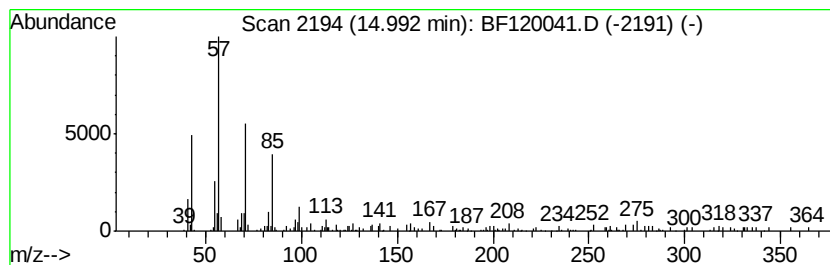
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	3.00 ng	94247	Perylene-d12	15.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
3	Behenyl chloride	344	C22H45Cl	042217-03-8	83
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

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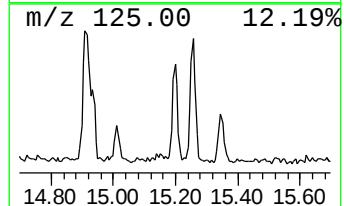
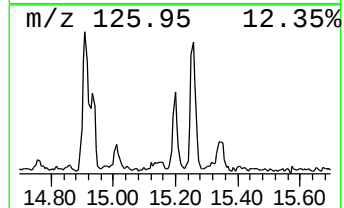
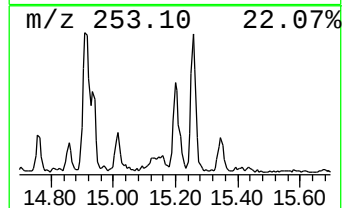
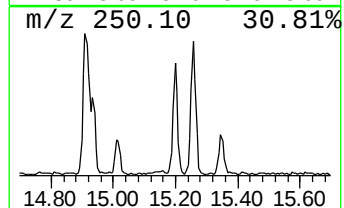
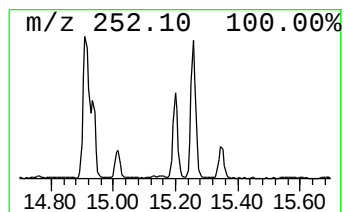
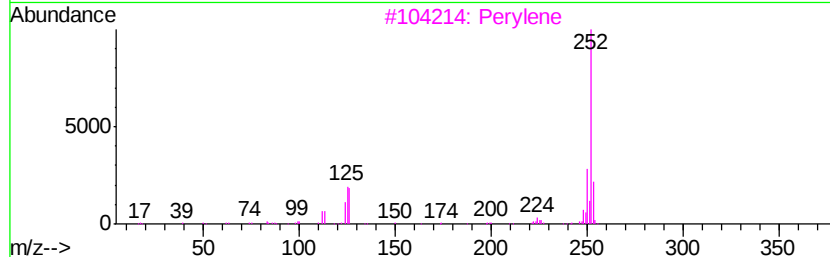
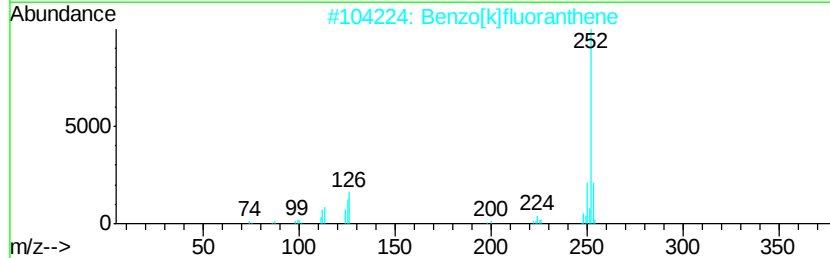
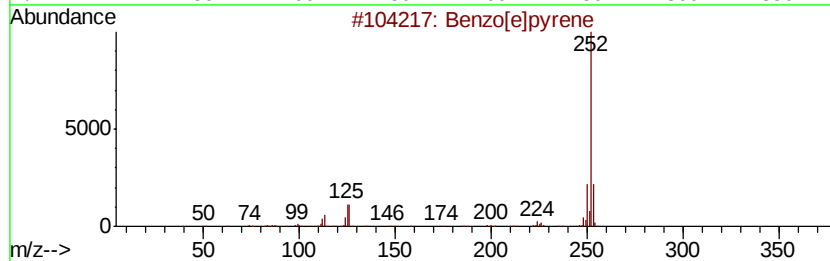
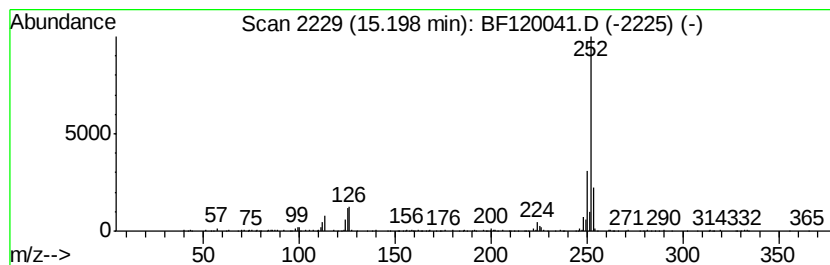
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	10.01 ng	314539	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120041.D
Acq On : 16 Apr 2020 17:31
Operator : MA/SJ
Sample : L2245-26 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21B

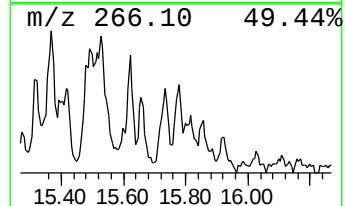
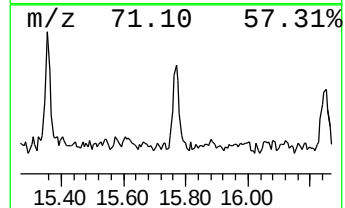
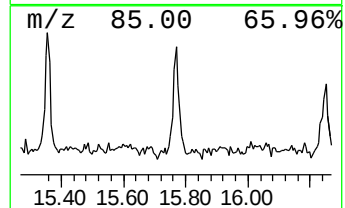
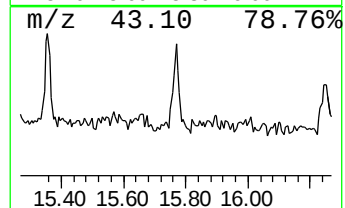
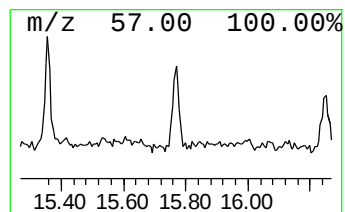
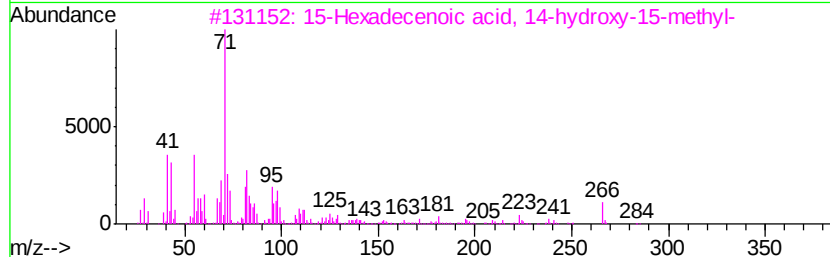
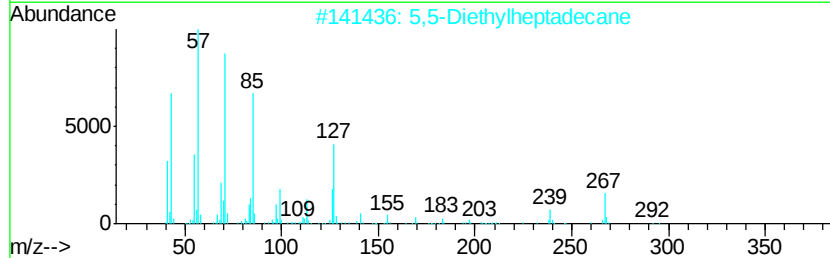
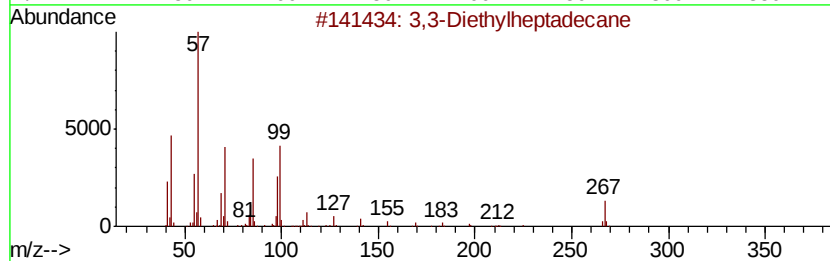
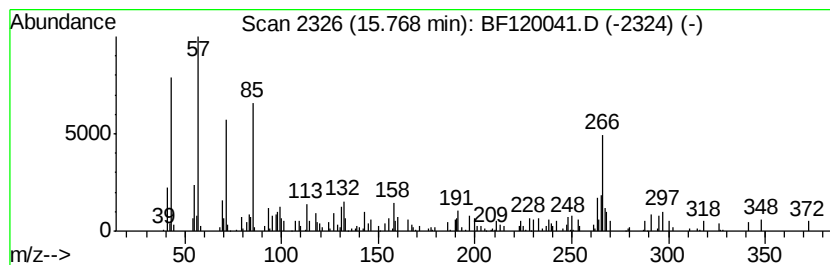
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.22 ng	69707	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3-Diethylheptadecane	296	C21H44	1000360-41-6	32
2			5,5-Diethylheptadecane	296	C21H44	1000360-41-7	25
3			15-Hexadecenoic acid, 14-hydroxyv...	284	C17H32O3	089328-43-8	25
4			Fumaric acid, dodecyl tetrahydro...	368	C21H36O5	1000330-58-6	22
5			6-Methyltricosane	338	C24H50	1000131-18-0	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
 Data File : BF120041.D
 Acq On : 16 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2245-26 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Phenanthrene, 1-m...	11.75	3.9 ng		168351	4	11.25	857365	20.0
Phenanthrene, 2-m...	11.78	6.3 ng		268458	4	11.25	857365	20.0
Anthracene, 2-met...	11.83	2.2 ng		95014	4	11.25	857365	20.0
4H-Cyclopenta[def...	11.86	6.4 ng		275507	4	11.25	857365	20.0
Anthracene, 9-met...	11.89	2.5 ng		108894	4	11.25	857365	20.0
Naphthalene, 2-ph...	12.05	2.5 ng		107011	4	11.25	857365	20.0
Phenanthrene, 2,5...	12.20	2.5 ng		105123	4	11.25	857365	20.0
di-p-Tolylacetylene	12.30	3.6 ng		154660	4	11.25	857365	20.0
unknown12.34	12.34	3.3 ng		140007	4	11.25	857365	20.0
Cyclopenta(def)ph...	12.39	2.3 ng		96618	4	11.25	857365	20.0
Pyrene, 1-methyl-	12.91	2.4 ng		170726	5	13.89	1452600	20.0
11H-Benzo[b]fluorene	13.02	2.8 ng		201738	5	13.89	1452600	20.0
11H-Benzo[a]fluorene	13.09	3.4 ng		244284	5	13.89	1452600	20.0
Butyl myristate	13.37	2.9 ng		213136	5	13.89	1452600	20.0
Octadecane, 2-met...	14.67	3.2 ng		100055	6	15.32	628639	20.0
Tricosane	14.99	3.0 ng		94247	6	15.32	628639	20.0
Benzo[e]pyrene	15.20	10.0 ng		314539	6	15.32	628639	20.0
unknown15.77	15.77	2.2 ng		69707	6	15.32	628639	20.0