

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120044.D
 Acq On : 16 Apr 2020 18:53
 Operator : MA/SJ
 Sample : L2245-10 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23B

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	546	550	559	rVB	1123457	1006513	63.85%	3.257%
2	5.969	657	660	666	rVV2	78019	96608	6.13%	0.313%
3	6.357	722	726	731	rVV	1066209	1001757	63.55%	3.242%
4	6.463	740	744	749	rBV4	38700	68519	4.35%	0.222%
5	6.722	785	788	792	rVV	965214	826473	52.43%	2.675%
6	6.881	811	815	818	rVV	1073982	919620	58.34%	2.976%
7	7.122	853	856	858	rVV	77457	67858	4.31%	0.220%
8	7.287	873	884	887	rBV	799299	796939	50.56%	2.579%
9	7.375	894	899	903	rVB5	61944	91329	5.79%	0.296%
10	7.651	944	946	950	rVB3	62853	68166	4.32%	0.221%
11	8.010	1002	1007	1009	rVV	1264401	1048015	66.49%	3.392%
12	8.028	1009	1010	1014	rVV	105978	112941	7.17%	0.366%
13	8.081	1017	1019	1021	rVV	101659	74095	4.70%	0.240%
14	8.222	1039	1043	1045	rVB2	61349	66061	4.19%	0.214%
15	8.292	1053	1055	1060	rVB5	54868	74789	4.74%	0.242%
16	8.439	1076	1080	1082	rBV	261569	229041	14.53%	0.741%
17	8.704	1122	1125	1127	rBV2	76612	71205	4.52%	0.230%
18	8.822	1140	1145	1150	rBV3	85298	118763	7.53%	0.384%
19	9.039	1179	1182	1186	rBV	390848	314091	19.93%	1.016%
20	9.086	1187	1190	1193	rVV	1454367	1101583	69.89%	3.565%
21	9.239	1209	1216	1218	rBV4	58779	120942	7.67%	0.391%
22	9.357	1234	1236	1239	rVB2	92979	91073	5.78%	0.295%
23	9.428	1242	1248	1250	rVV	193991	229995	14.59%	0.744%
24	9.451	1250	1252	1254	rVV2	119885	100184	6.36%	0.324%
25	9.498	1254	1260	1262	rVV2	464489	504021	31.98%	1.631%
26	9.545	1266	1268	1273	rVV3	94846	131672	8.35%	0.426%
27	9.628	1280	1282	1284	rVV	95744	92868	5.89%	0.301%
28	9.681	1288	1291	1294	rVV2	101136	82335	5.22%	0.266%
29	9.769	1300	1306	1309	rBV	1100307	1023208	64.91%	3.311%
30	9.798	1309	1311	1315	rVB	218760	188807	11.98%	0.611%
31	9.875	1321	1324	1328	rVB2	106332	135906	8.62%	0.440%
32	9.928	1328	1333	1335	rBV3	66778	108879	6.91%	0.352%
33	9.969	1337	1340	1344	rVV	293383	254659	16.16%	0.824%
34	10.010	1344	1347	1349	rVV	119075	83832	5.32%	0.271%

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35	10.028	1349	1350	1357	rVB4	102005	106895	6.78%	0.346%
36	10.086	1357	1360	1362	rBV	128934	122893	7.80%	0.398%
37	10.175	1372	1375	1377	rBV2	72599	67053	4.25%	0.217%
38	10.257	1387	1389	1395	rVV6	62403	94806	6.01%	0.307%
39	10.310	1395	1398	1401	rVV2	253968	267159	16.95%	0.865%
40	10.381	1405	1410	1412	rVV3	97827	153380	9.73%	0.496%
41	10.404	1412	1414	1415	rVV2	83136	74153	4.70%	0.240%
42	10.428	1415	1418	1422	rVV	407464	400063	25.38%	1.295%
43	10.469	1423	1425	1430	rVB4	92451	115644	7.34%	0.374%
44	10.551	1436	1439	1443	rVB	534147	494107	31.35%	1.599%
45	10.692	1458	1463	1467	rVB	503673	498914	31.65%	1.615%
46	10.863	1488	1492	1494	rBV3	68608	74815	4.75%	0.242%
47	10.892	1494	1497	1503	rVB3	88535	128963	8.18%	0.417%
48	11.010	1515	1517	1522	rVV5	77879	120112	7.62%	0.389%
49	11.057	1522	1525	1529	rVV2	94044	112587	7.14%	0.364%
50	11.110	1530	1534	1536	rVV4	74469	107150	6.80%	0.347%
51	11.157	1538	1542	1546	rVB2	334040	402351	25.53%	1.302%
52	11.251	1555	1558	1560	rBV	816002	732201	46.45%	2.370%
53	11.280	1560	1563	1566	rVV	1553930	1397182	88.64%	4.522%
54	11.328	1568	1571	1574	rVV	388596	314027	19.92%	1.016%
55	11.480	1595	1597	1600	rBV	100214	81433	5.17%	0.264%
56	11.510	1600	1602	1605	rVB	79125	68223	4.33%	0.221%
57	11.757	1640	1644	1646	rVV	252152	243885	15.47%	0.789%
58	11.780	1646	1648	1653	rVB	362591	339592	21.54%	1.099%
59	11.827	1653	1656	1659	rBV	122700	110952	7.04%	0.359%
60	11.863	1659	1662	1665	rVV2	344208	408732	25.93%	1.323%
61	11.886	1665	1666	1672	rVB	192885	139912	8.88%	0.453%
62	12.051	1691	1694	1696	rVV	159044	135975	8.63%	0.440%
63	12.075	1696	1698	1701	rVB2	116537	94521	6.00%	0.306%
64	12.198	1714	1719	1722	rBV2	97391	110116	6.99%	0.356%
65	12.233	1722	1725	1727	rBV	58188	66486	4.22%	0.215%
66	12.304	1734	1737	1740	rBV	154475	156273	9.91%	0.506%
67	12.339	1740	1743	1746	rVV	78984	101606	6.45%	0.329%
68	12.392	1749	1752	1757	rVB3	94964	120283	7.63%	0.389%
69	12.469	1761	1765	1768	rBV	1715912	1446665	91.78%	4.682%
70	12.692	1797	1803	1807	rBV	1361892	1576251	100.00%	5.101%
71	12.745	1810	1812	1817	rVB2	77574	95466	6.06%	0.309%

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72	12.816	1821	1824	1825	rVV	75860	68244	4.33%	0.221%
73	12.839	1825	1828	1834	rVB	966074	873152	55.39%	2.826%
74	12.910	1835	1840	1844	rBV3	125425	210632	13.36%	0.682%
75	12.998	1852	1855	1856	rVV2	90774	87654	5.56%	0.284%
76	13.022	1856	1859	1862	rVB	252805	245612	15.58%	0.795%
77	13.086	1867	1870	1873	rBV	159889	160341	10.17%	0.519%
78	13.127	1873	1877	1879	rBV2	203809	205469	13.04%	0.665%
79	13.216	1889	1892	1895	rVV	113284	106677	6.77%	0.345%
80	13.251	1895	1898	1901	rVB	111780	104505	6.63%	0.338%
81	13.527	1939	1945	1950	rBV2	121734	181222	11.50%	0.586%
82	13.639	1960	1964	1967	rBV2	132894	176503	11.20%	0.571%
83	13.669	1967	1969	1971	rVV	153907	131136	8.32%	0.424%
84	13.692	1971	1973	1978	rVV2	104793	154542	9.80%	0.500%
85	13.739	1978	1981	1985	rVB	112068	115011	7.30%	0.372%
86	13.886	2002	2006	2010	rBV2	1050674	1538031	97.58%	4.978%
87	13.921	2010	2012	2017	rVB	746708	636749	40.40%	2.061%
88	13.998	2022	2025	2027	rVB	106475	80540	5.11%	0.261%
89	14.280	2069	2073	2076	rBV	172831	166754	10.58%	0.540%
90	14.316	2076	2079	2083	rVB	91796	85674	5.44%	0.277%
91	14.374	2086	2089	2091	rVB3	104129	97732	6.20%	0.316%
92	14.404	2091	2094	2096	rBV2	77311	68320	4.33%	0.221%
93	14.916	2176	2181	2183	rBV	509792	724942	45.99%	2.346%
94	15.016	2196	2198	2201	rVB	94018	82315	5.22%	0.266%
95	15.204	2226	2230	2235	rVB	274921	371696	23.58%	1.203%
96	15.257	2235	2239	2245	rBV	461351	525153	33.32%	1.700%
97	15.321	2245	2250	2253	rBV	448760	584991	37.11%	1.893%
98	15.351	2253	2255	2262	rVB3	147232	186232	11.81%	0.603%
99	16.704	2480	2485	2494	rVB2	150732	309278	19.62%	1.001%
100	17.121	2552	2556	2566	rVB	116177	236915	15.03%	0.767%

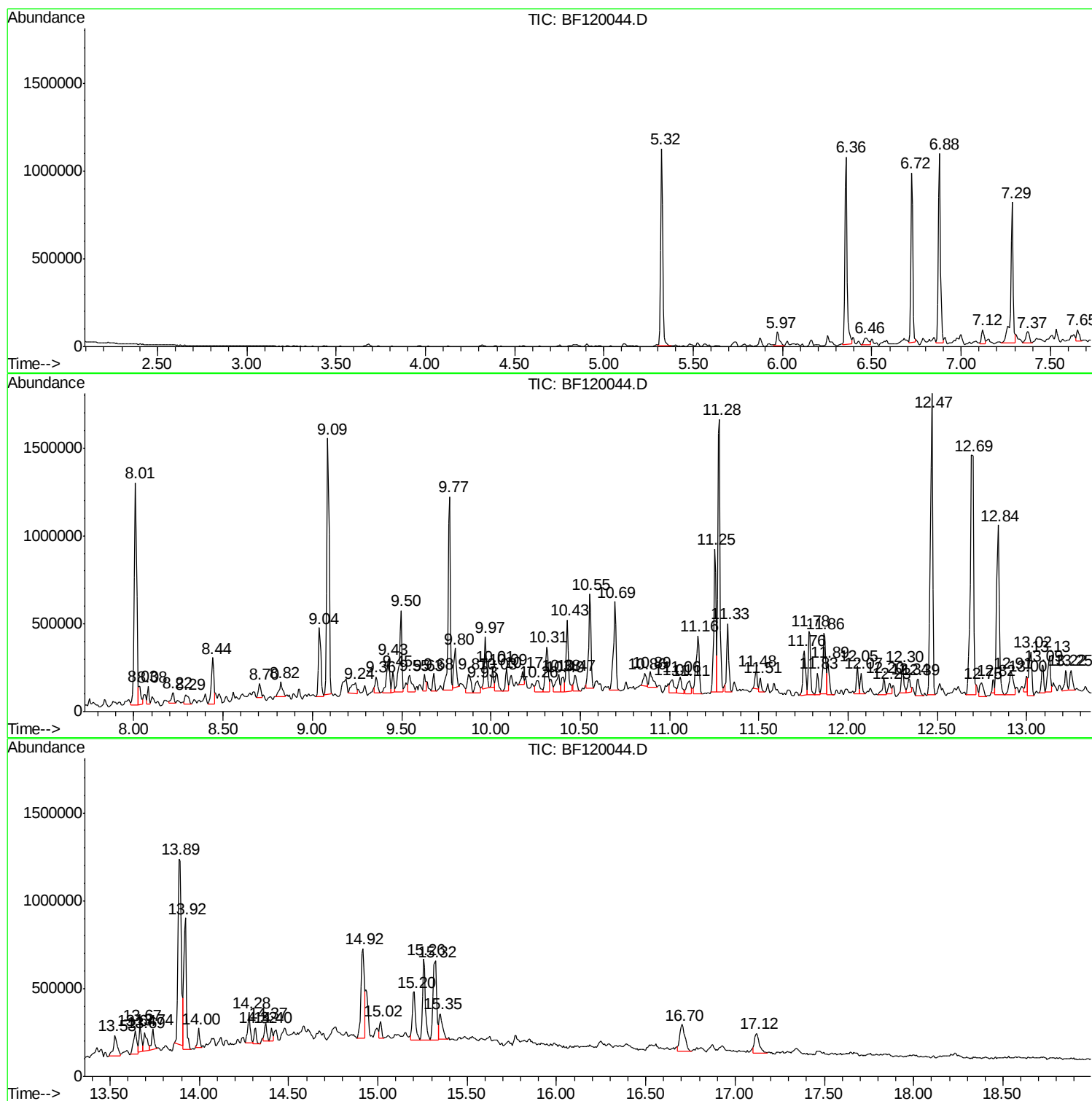
Sum of corrected areas: 30899595

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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



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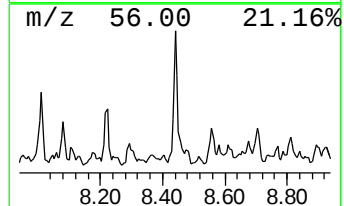
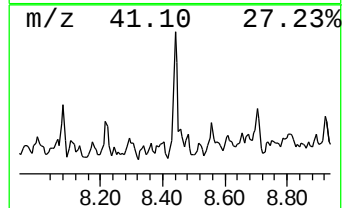
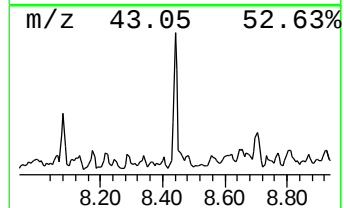
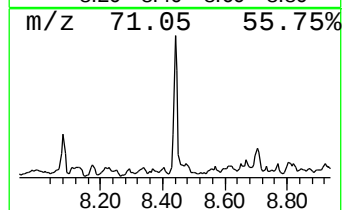
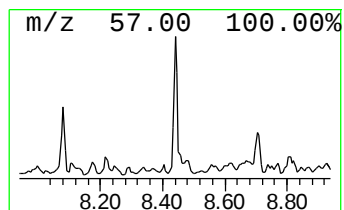
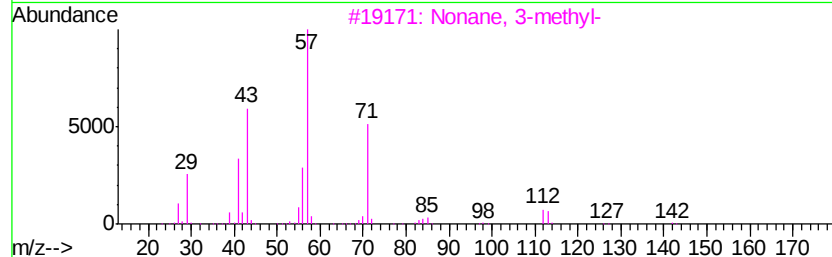
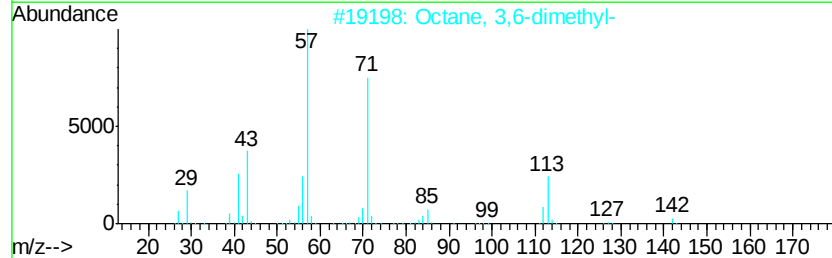
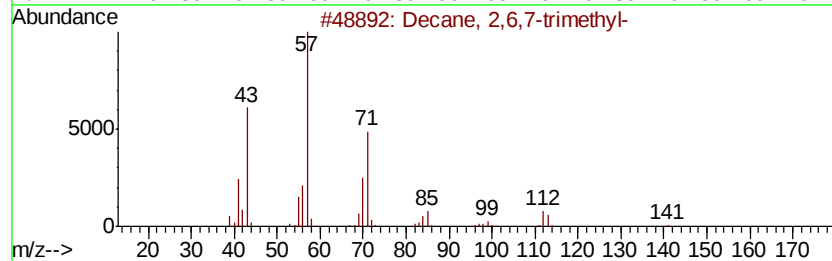
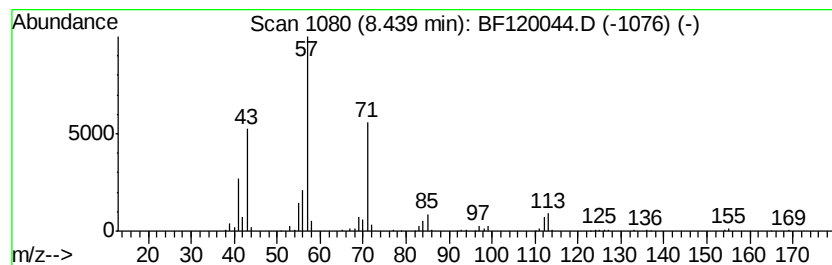
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	4.37 ng	229041	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
5		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64



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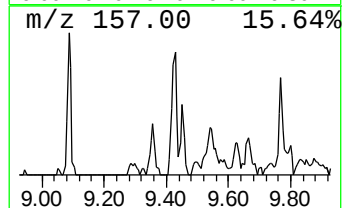
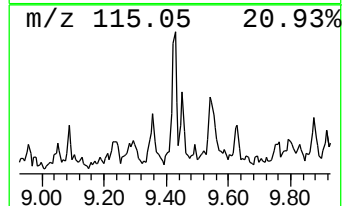
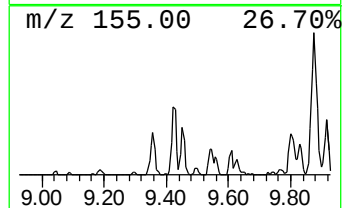
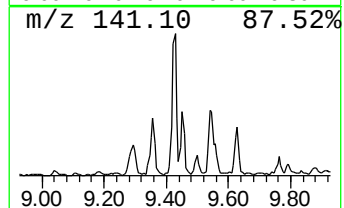
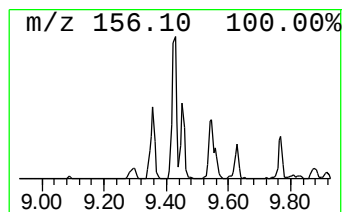
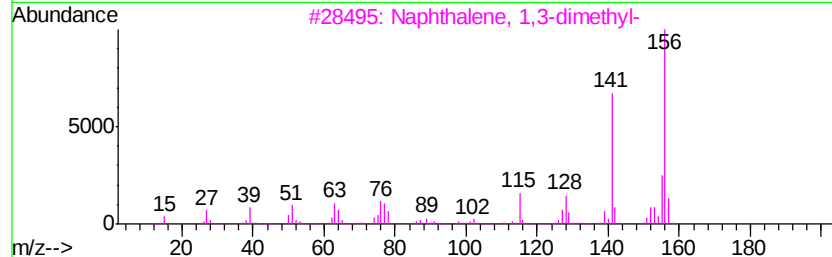
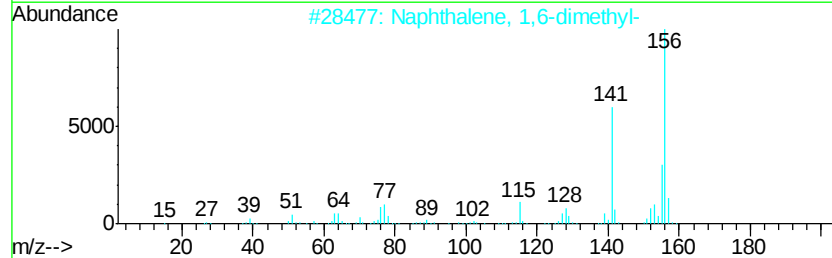
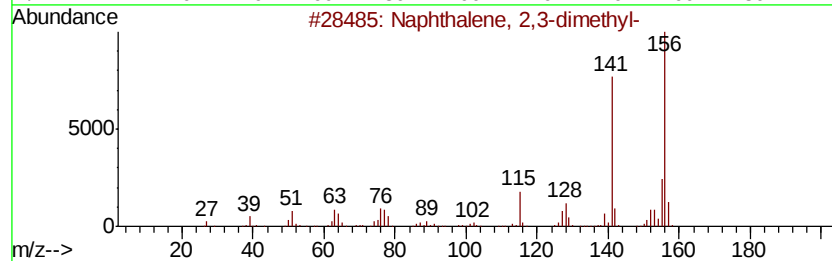
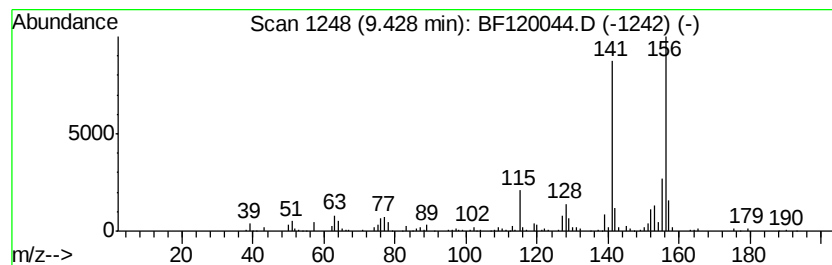
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.50 ng	229995	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



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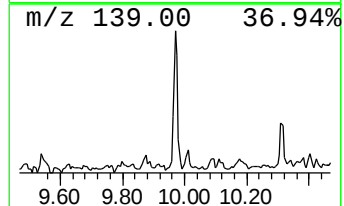
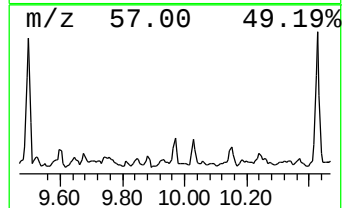
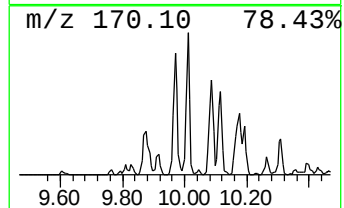
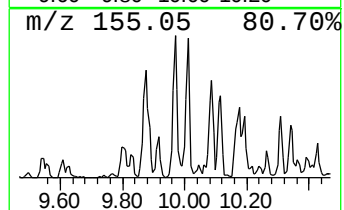
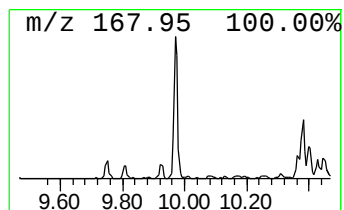
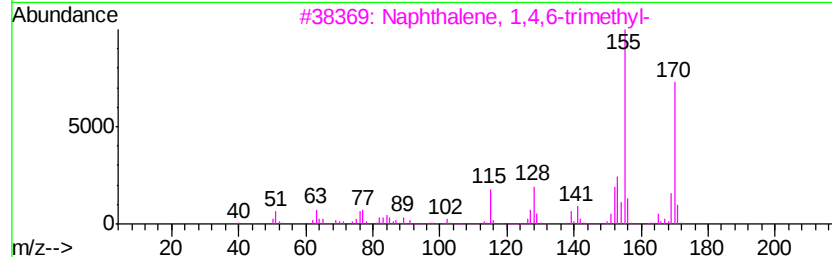
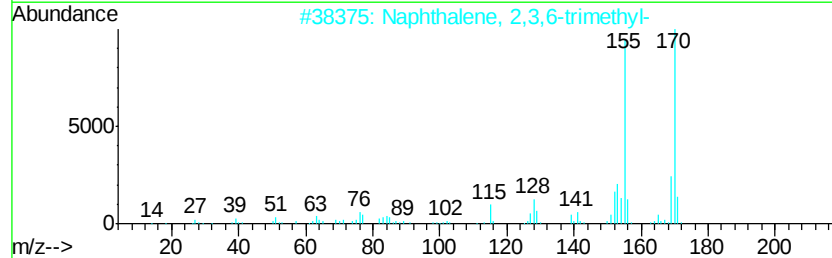
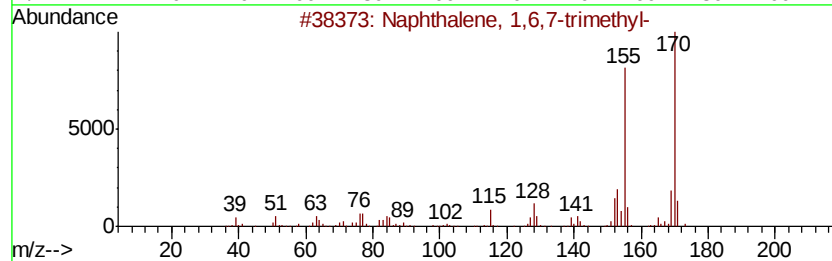
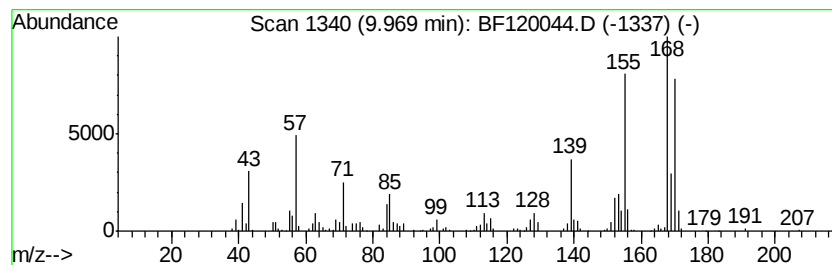
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.98 ng	254659	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



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Sample : L2245-10 5X
Misc :
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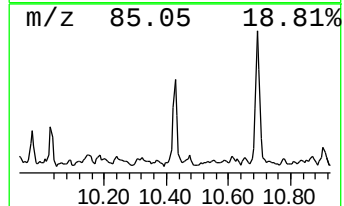
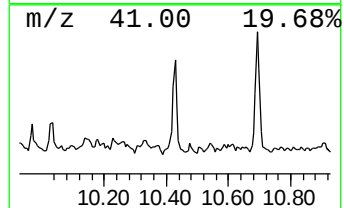
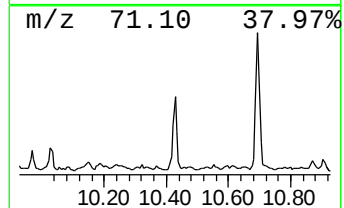
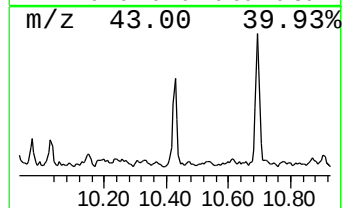
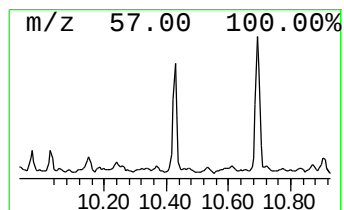
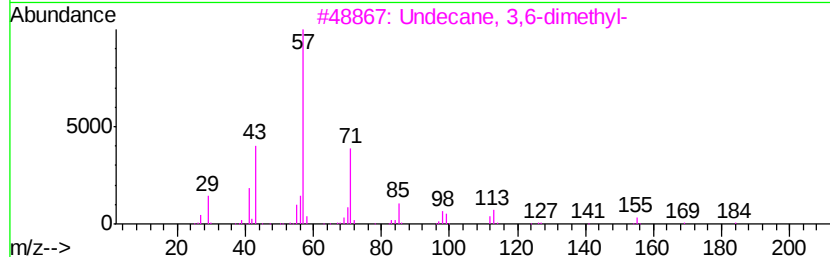
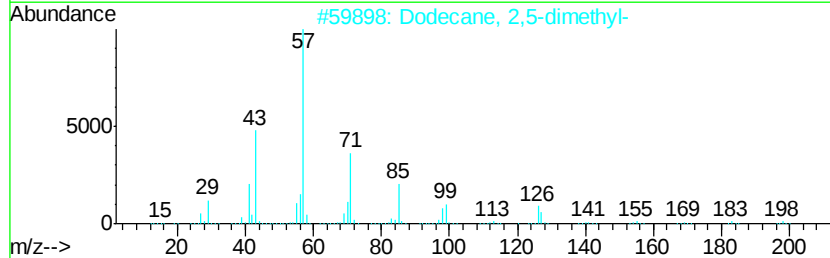
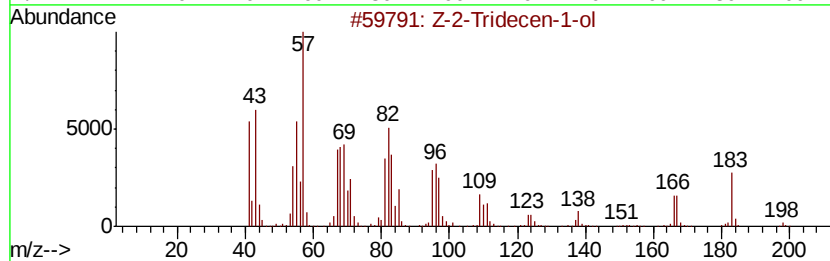
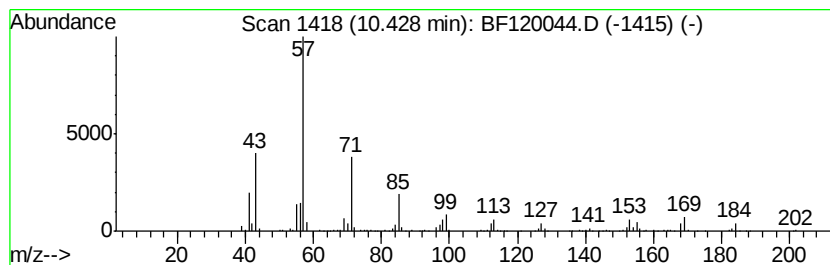
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Z-2-Tridecen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.43	7.82 ng	400063	Acenaphthene-d10	9.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	49
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47



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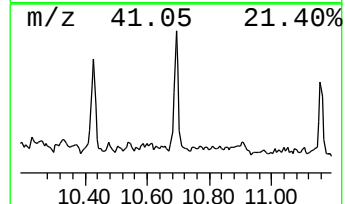
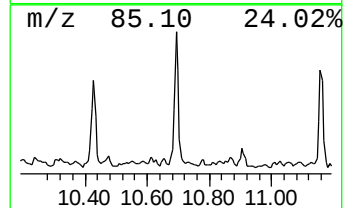
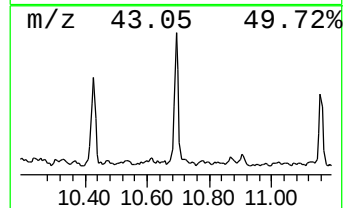
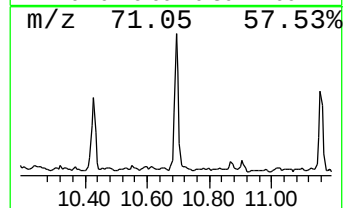
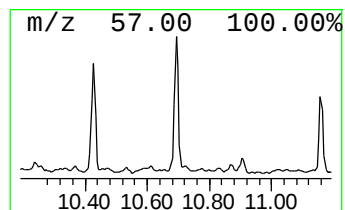
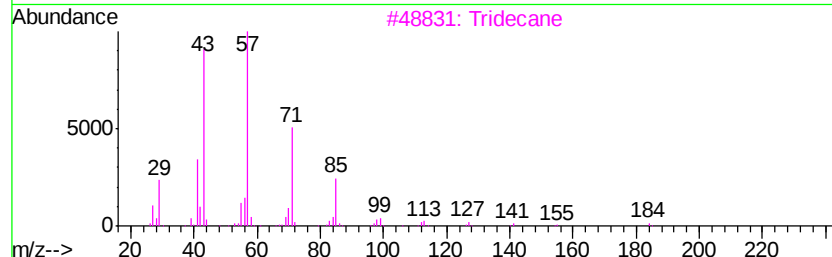
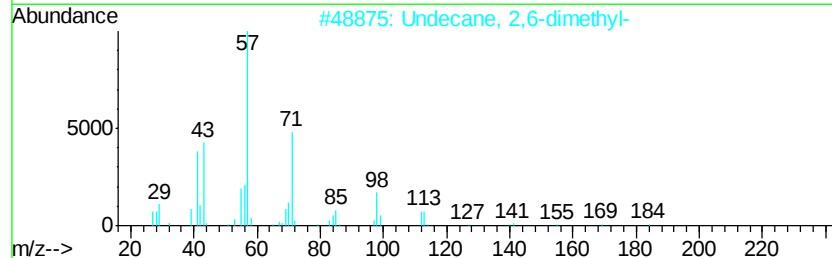
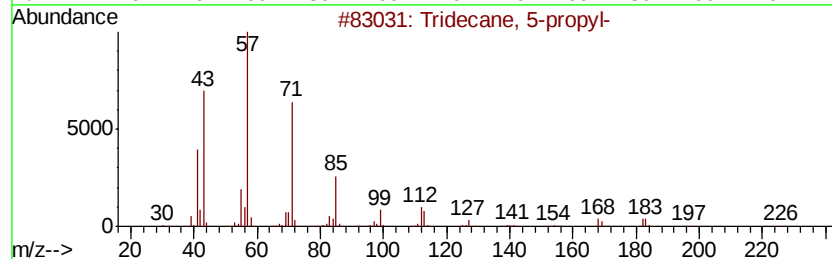
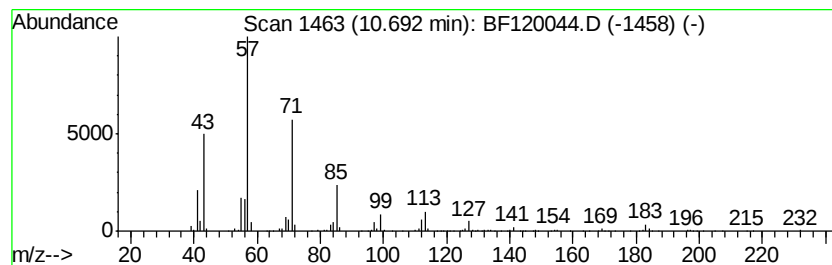
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	13.63 ng	498914	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3		Tridecane	184	C13H28	000629-50-5	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

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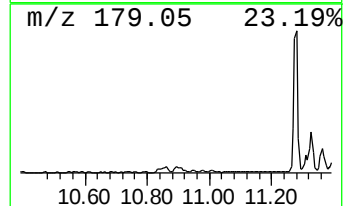
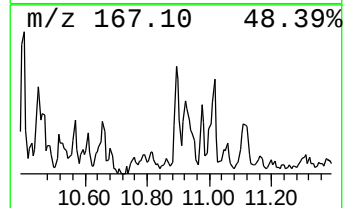
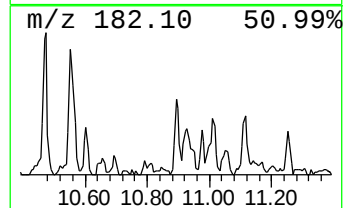
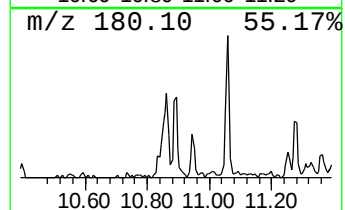
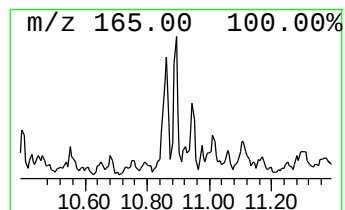
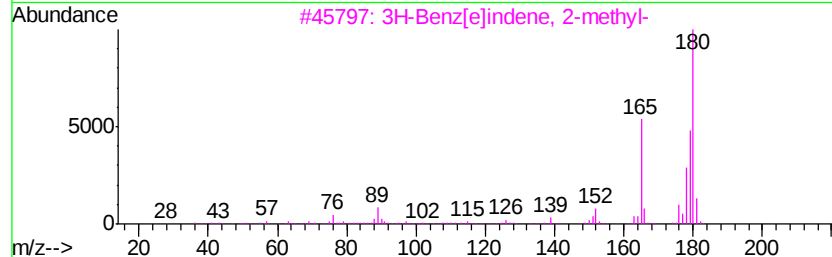
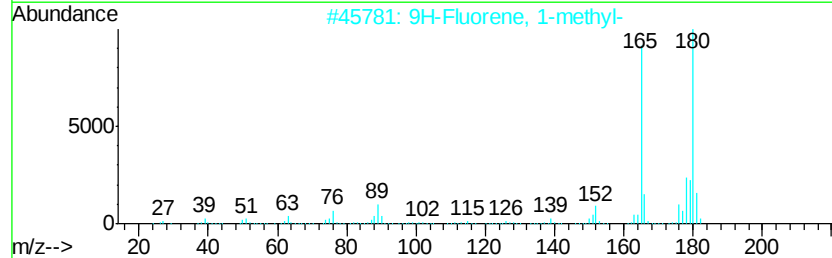
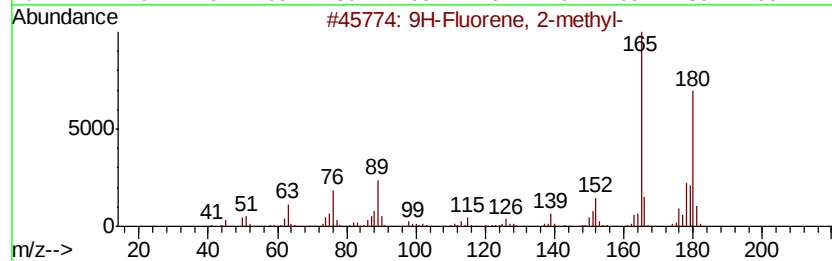
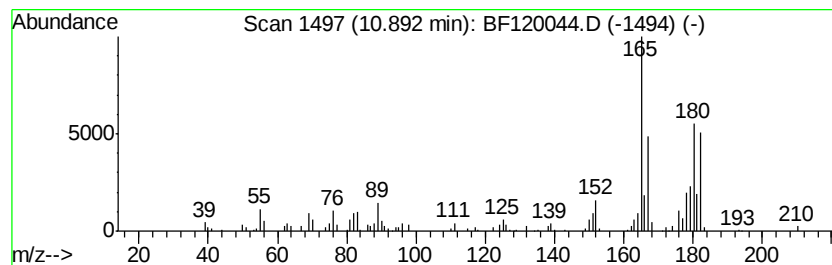
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.52 ng	128963	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
3		3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	55
4		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	53
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
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Sample : L2245-10 5X
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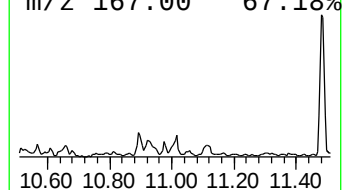
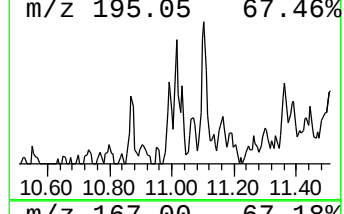
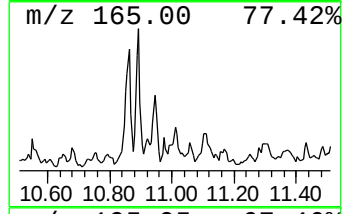
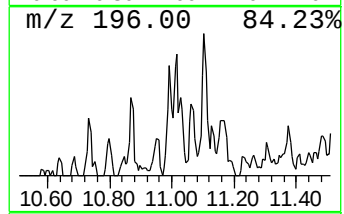
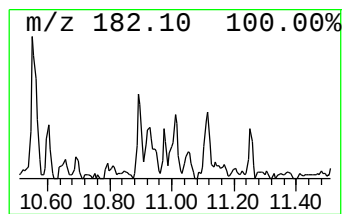
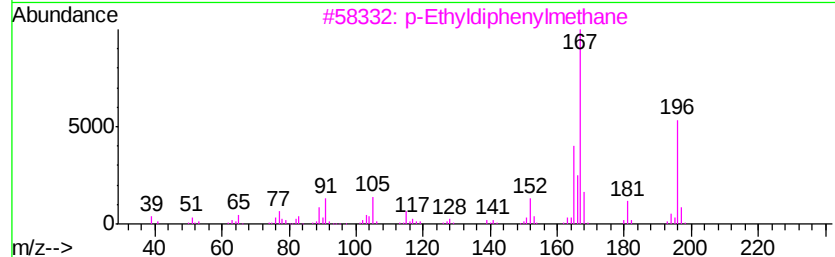
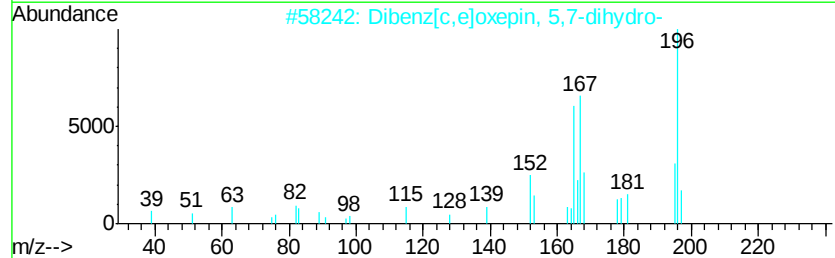
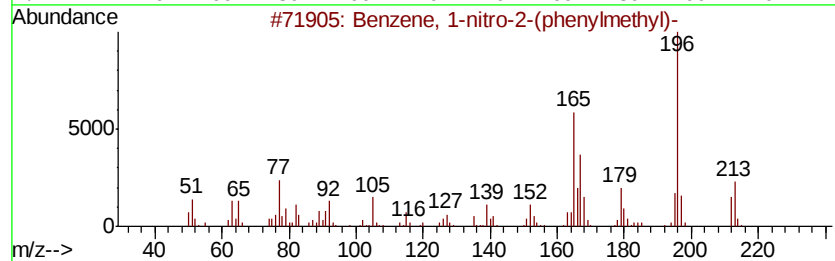
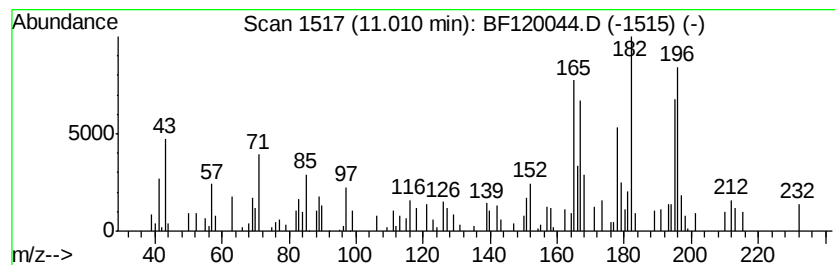
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-nitro-2-(phenylm... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.01	3.28 ng	120112	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-nitro-2-(phenylmethyl)-	213	C13H11NO2	005840-40-4	55	
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	49	
3	p-Ethylidiphenylmethane	196	C15H16	000620-85-9	46	
4	Benzene, 1-ethyl-3-(phenylmethyl)-	196	C15H16	028122-24-9	42	
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	42	



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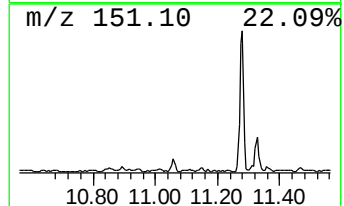
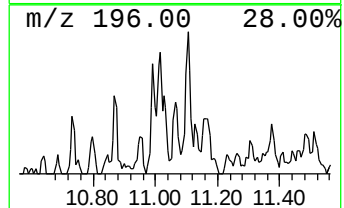
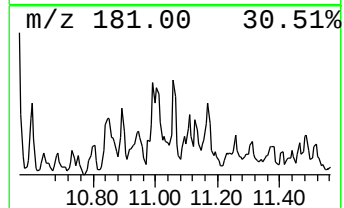
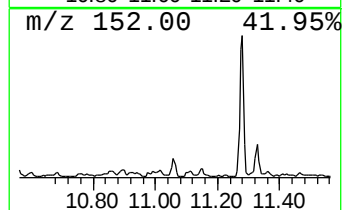
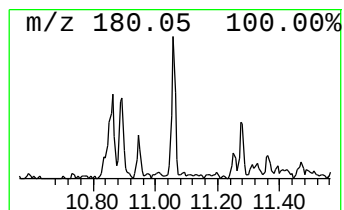
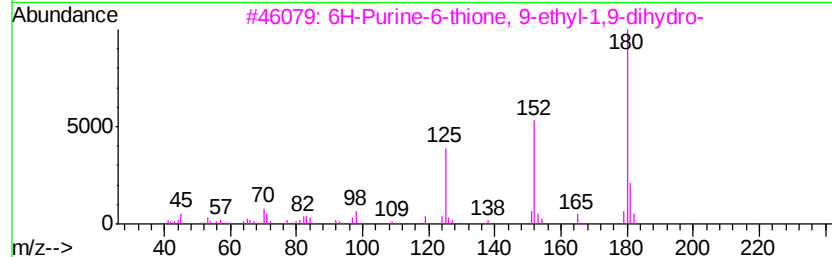
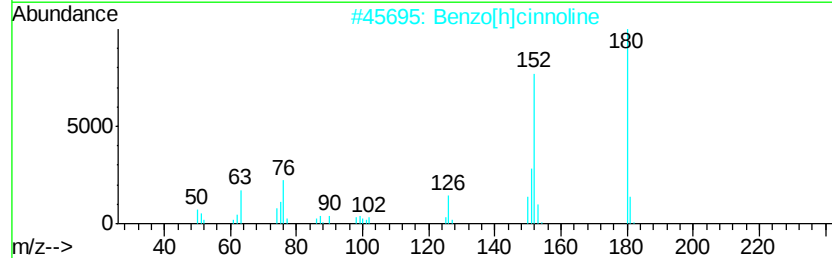
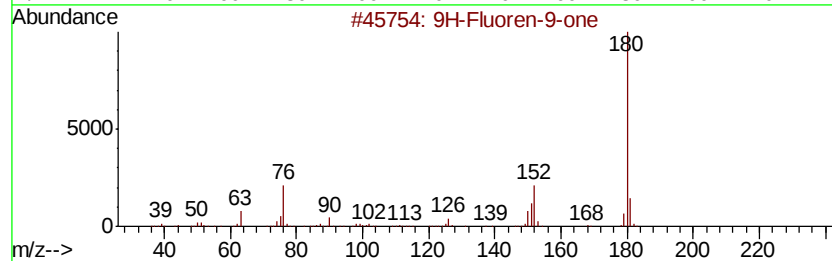
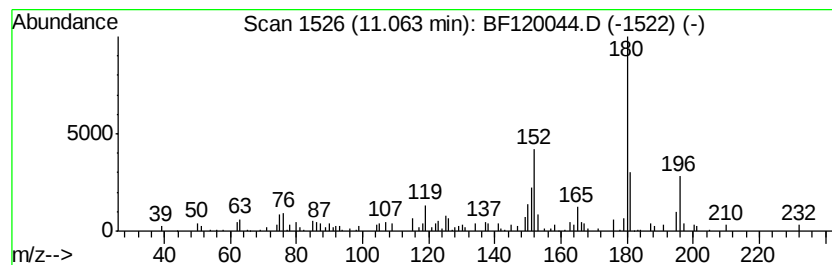
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.08 ng	112587	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	68
3		6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	64
4		Diphenic anhydride	224	C14H8O3	006050-13-1	64
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	59



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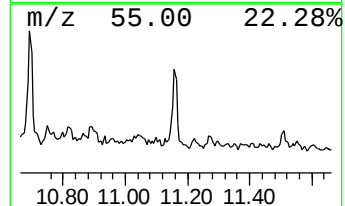
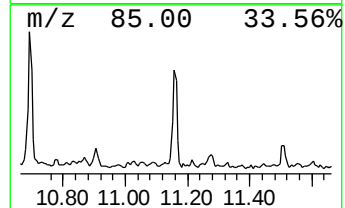
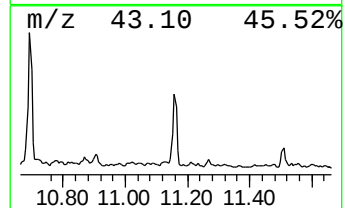
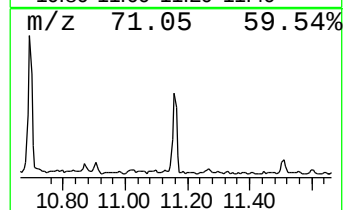
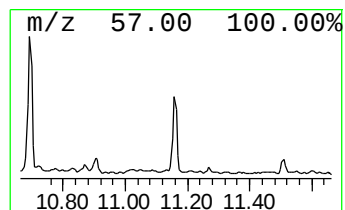
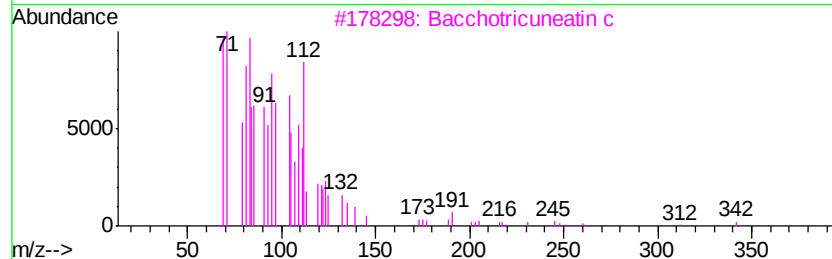
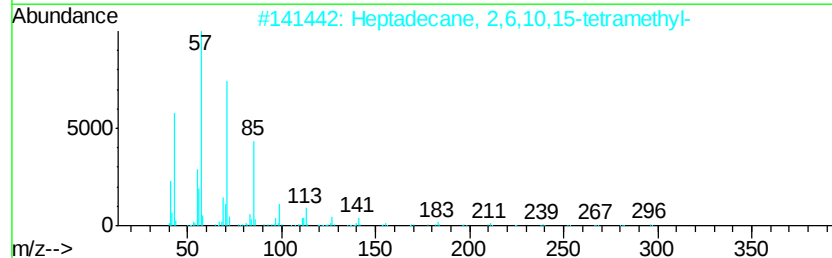
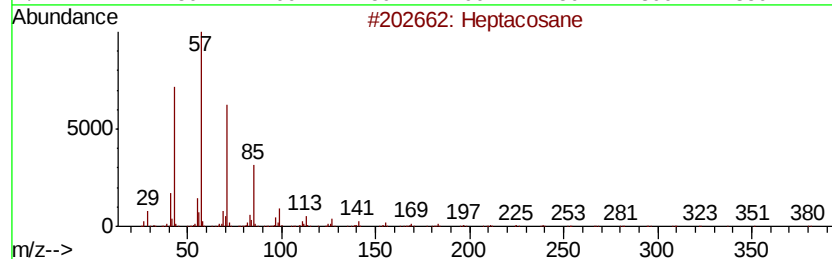
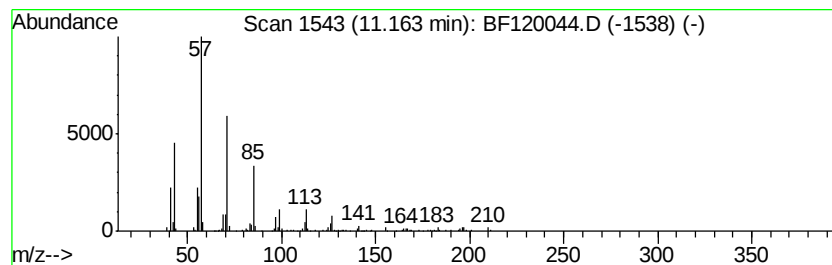
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	10.99 ng	402351	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	64
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	52
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50



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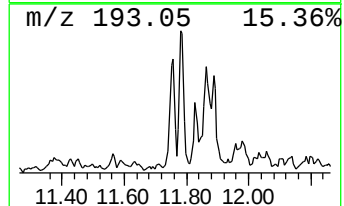
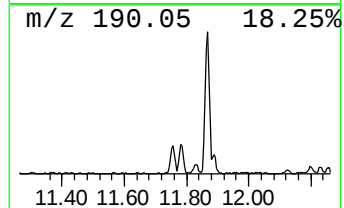
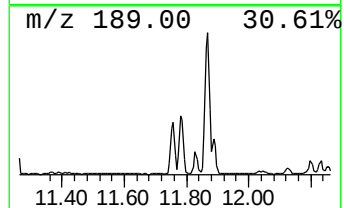
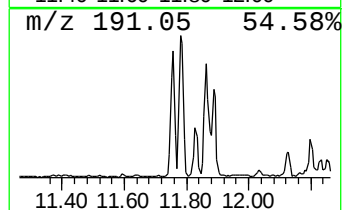
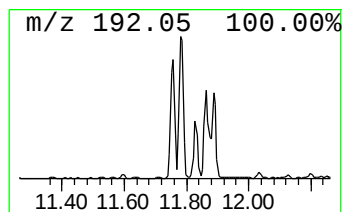
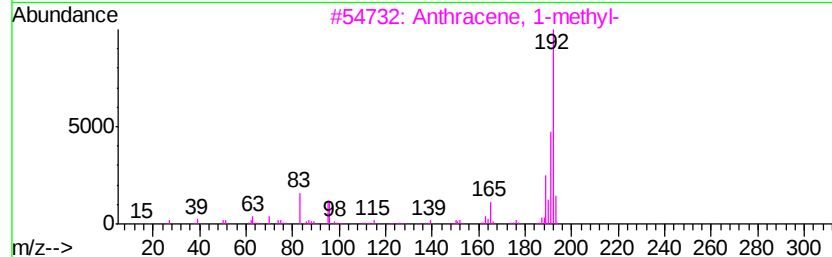
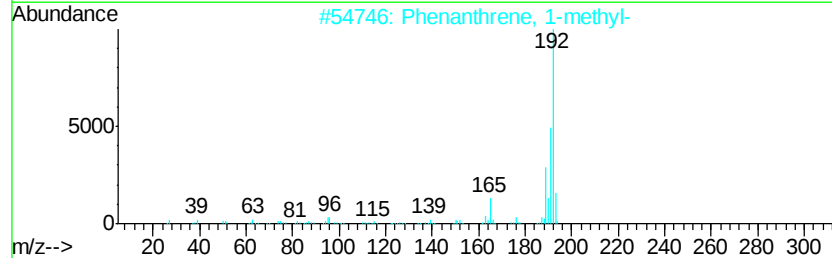
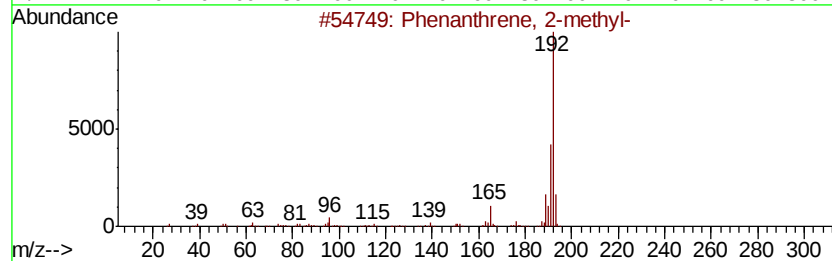
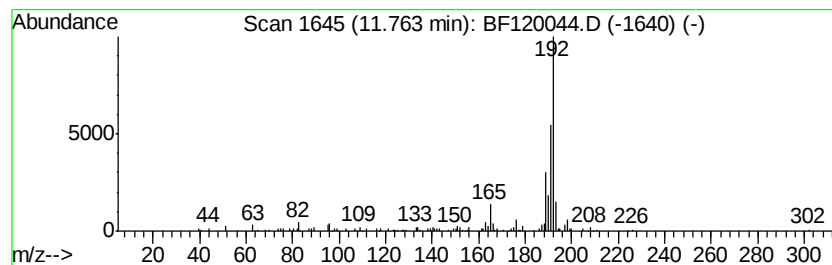
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	6.66 ng	243885	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-23B

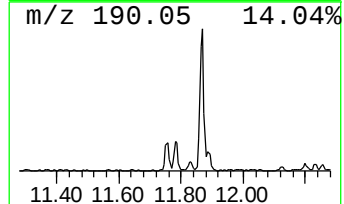
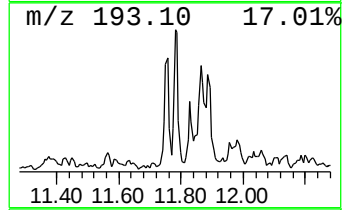
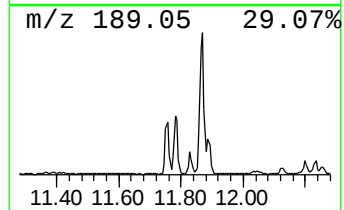
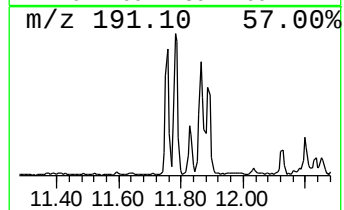
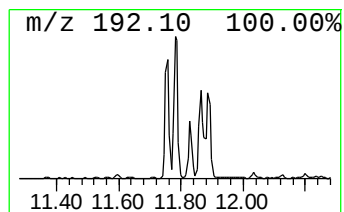
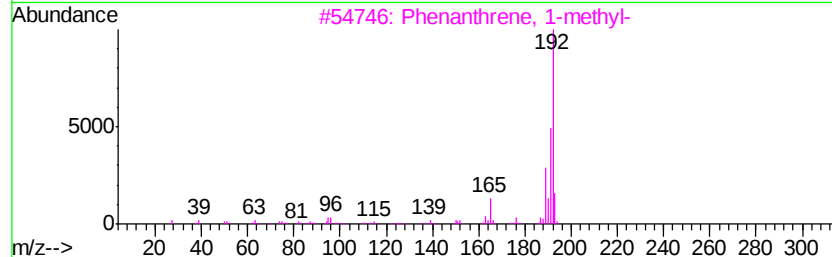
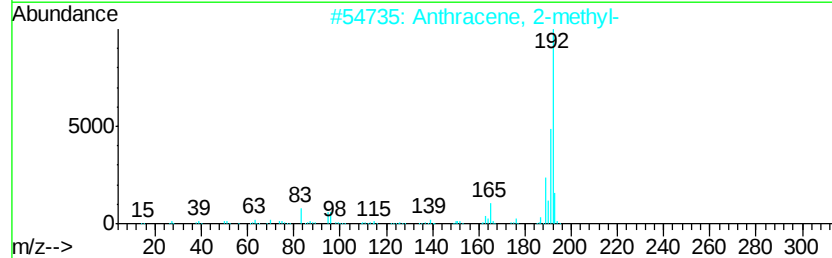
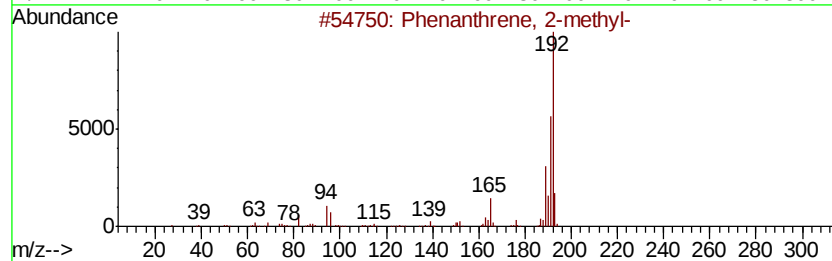
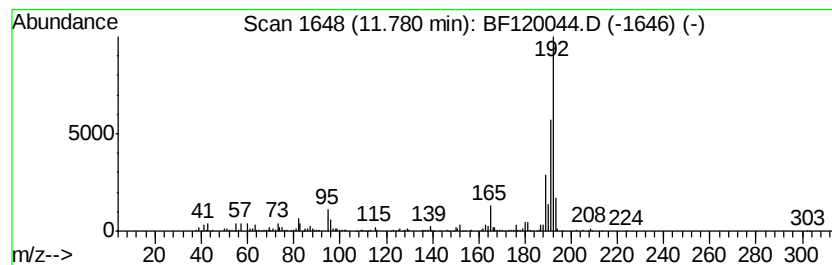
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	9.28 ng	339592	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
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ClientSampleId :
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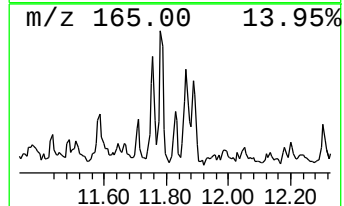
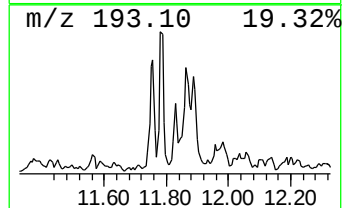
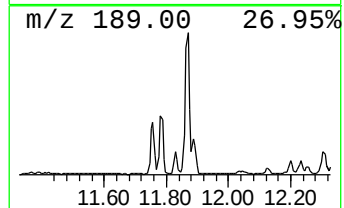
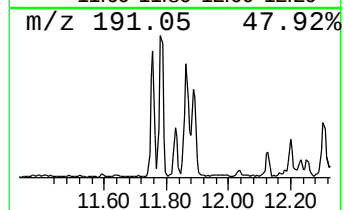
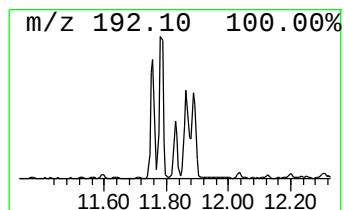
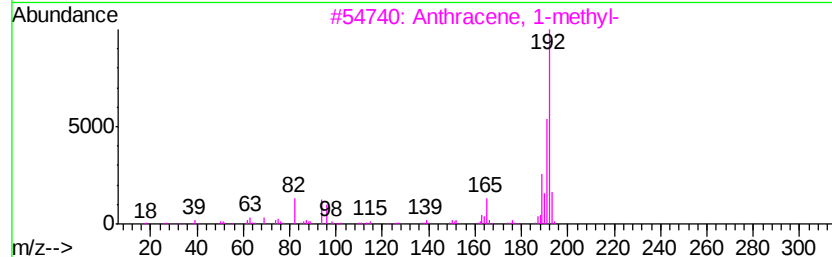
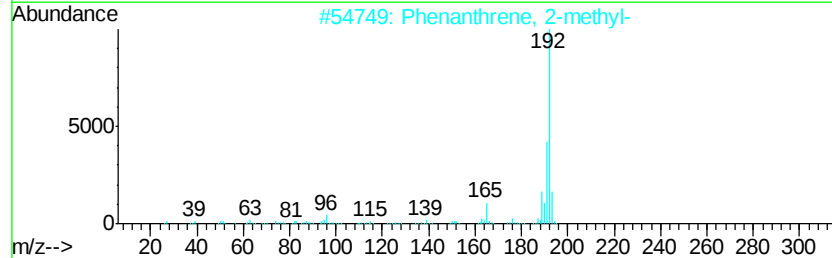
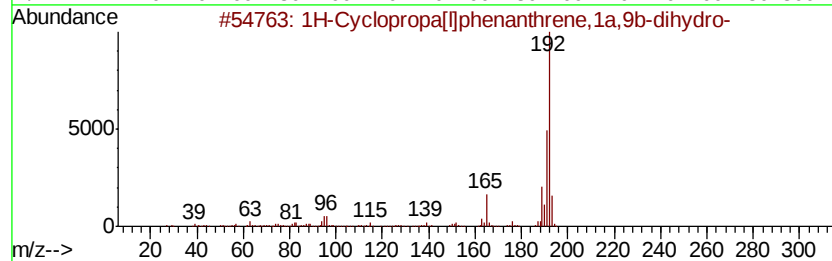
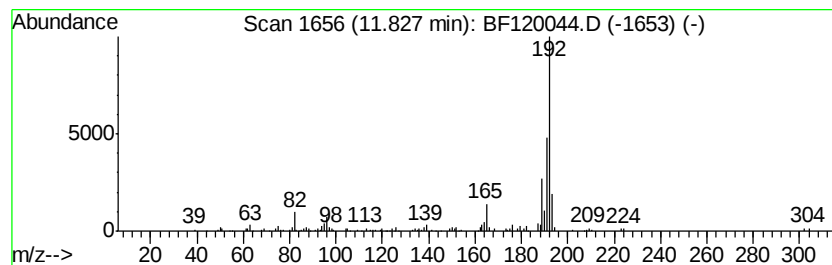
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.03 ng	110952	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

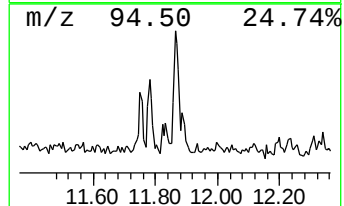
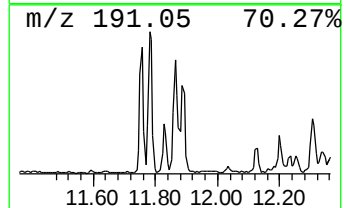
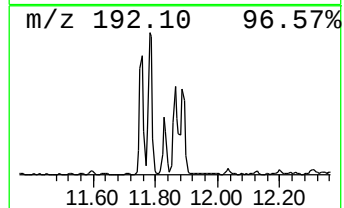
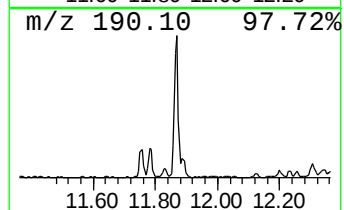
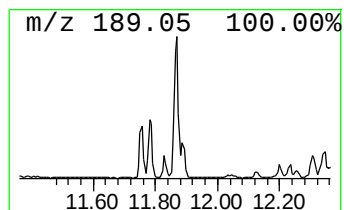
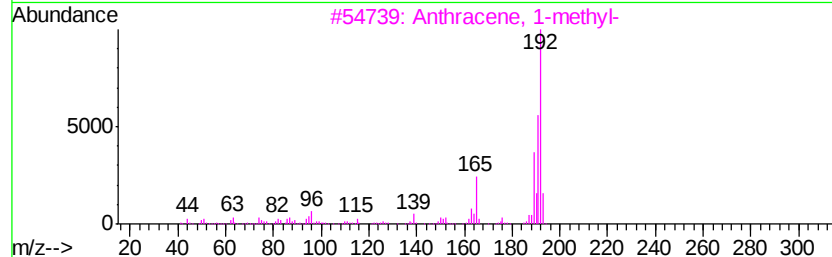
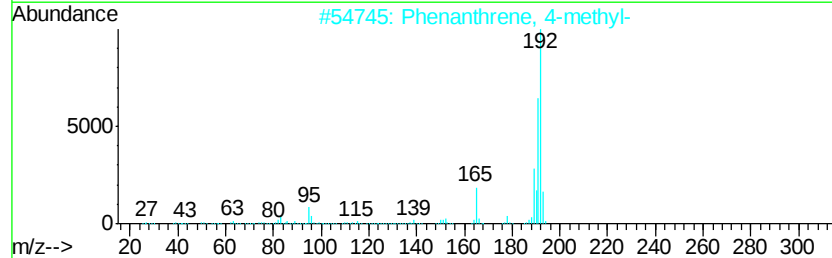
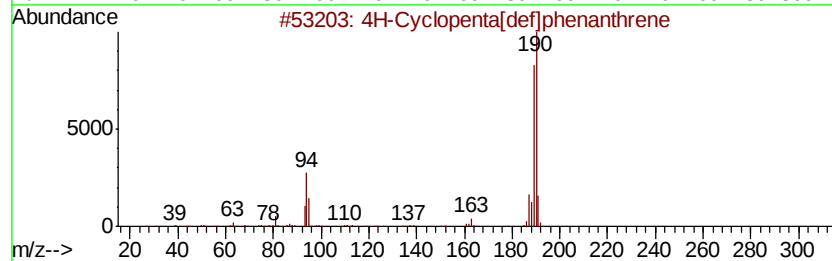
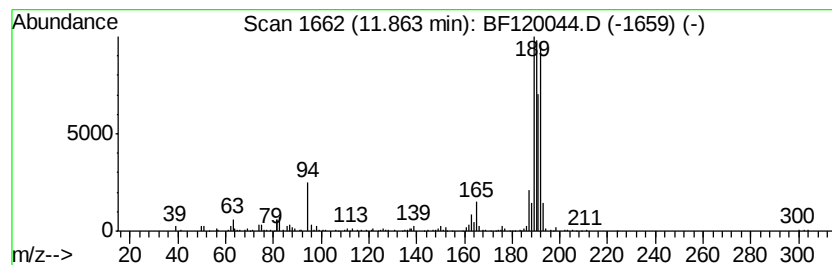
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	11.16 ng	408732	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	38
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

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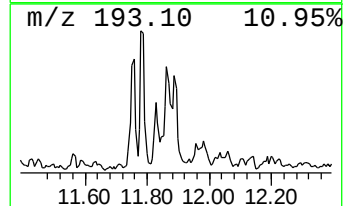
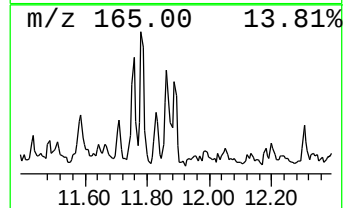
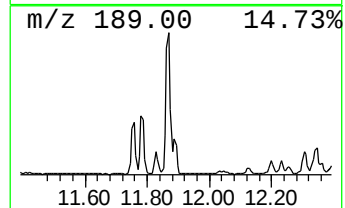
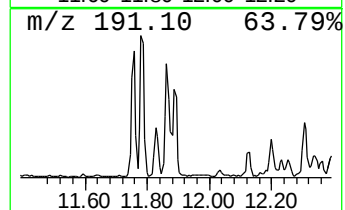
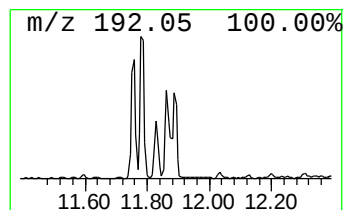
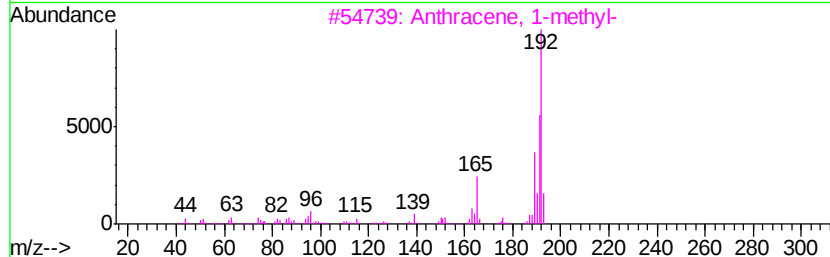
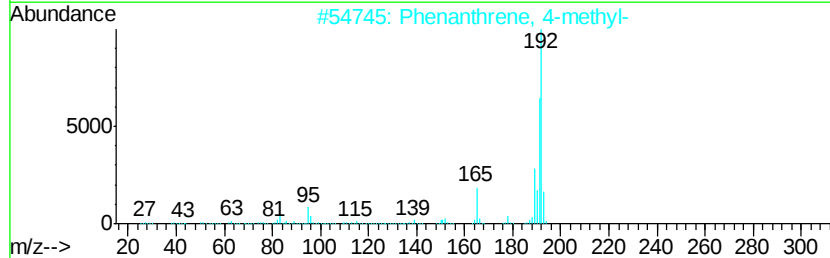
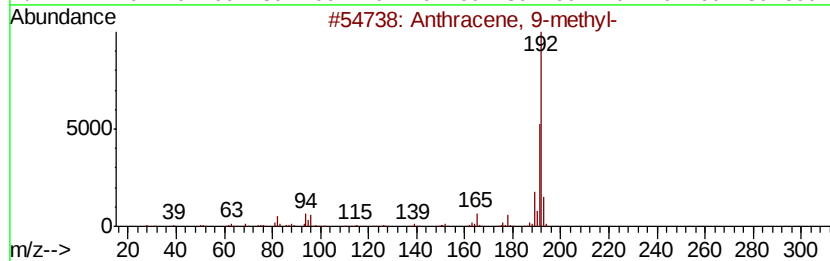
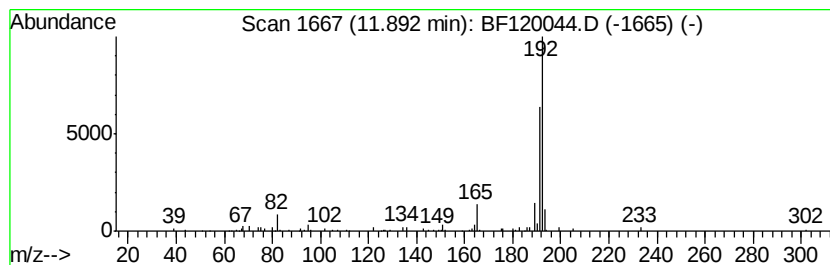
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.82 ng	139912	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-23B

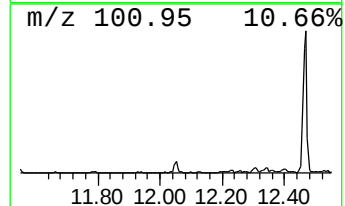
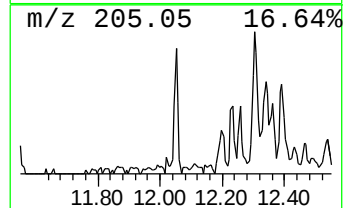
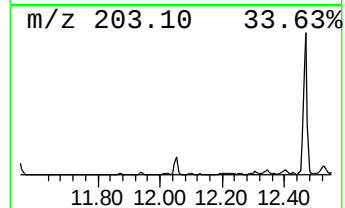
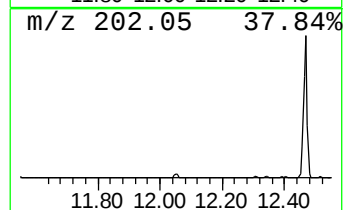
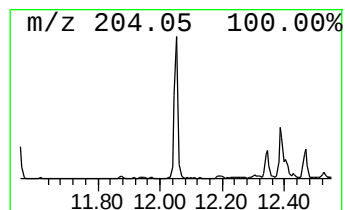
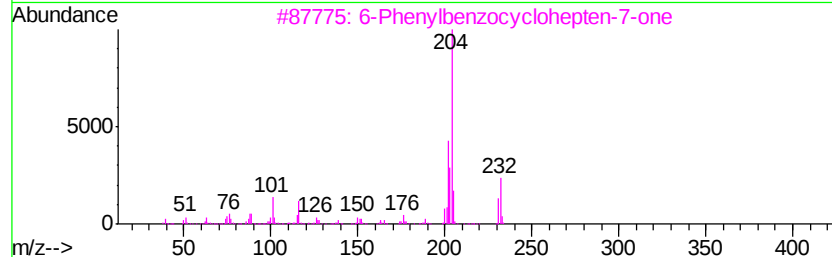
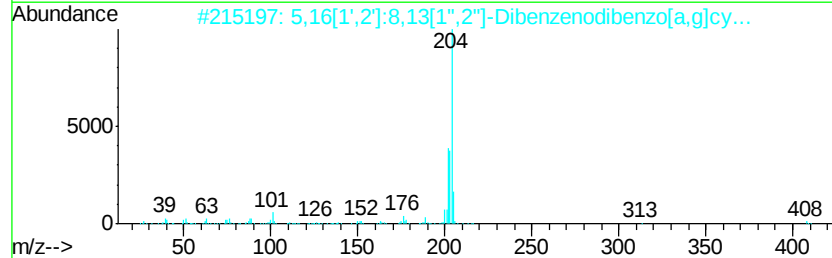
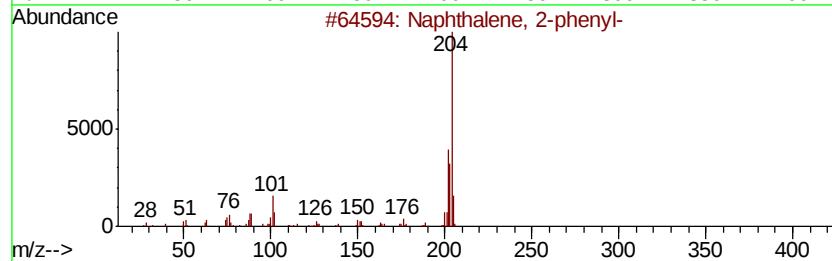
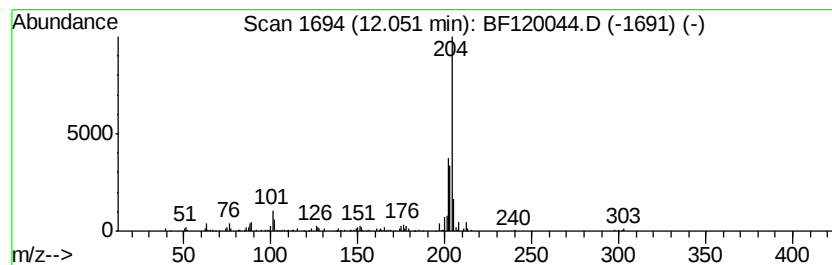
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.71 ng	135975	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	87
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5		Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
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Misc :
ALS Vial : 52 Sample Multiplier: 1

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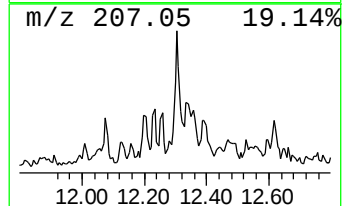
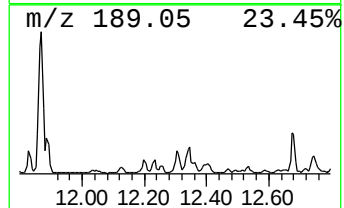
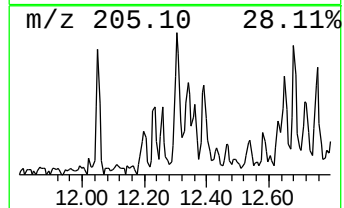
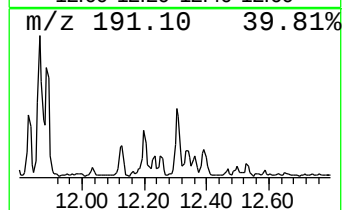
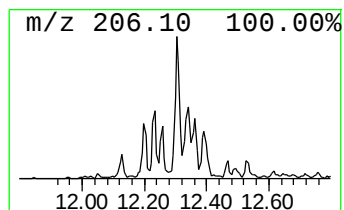
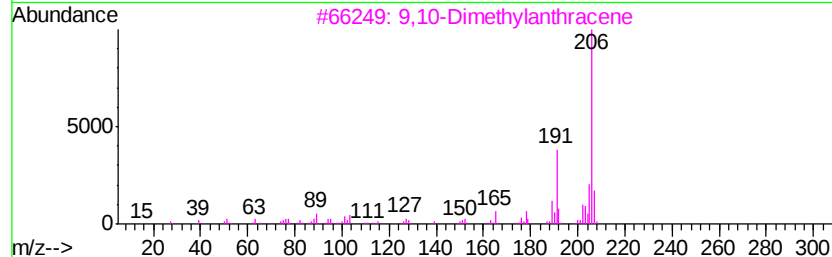
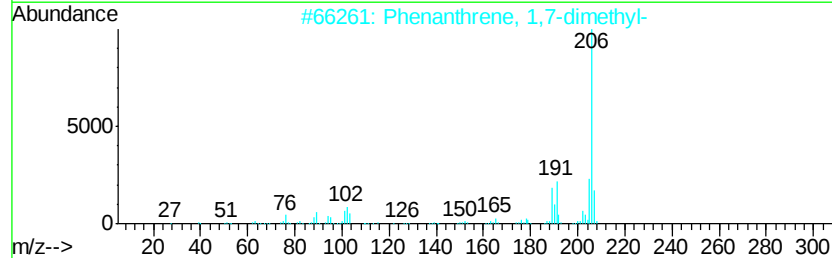
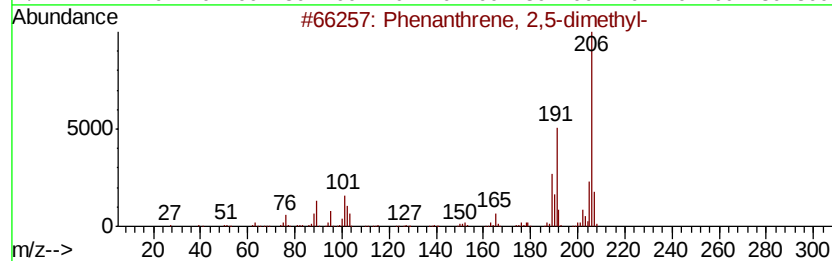
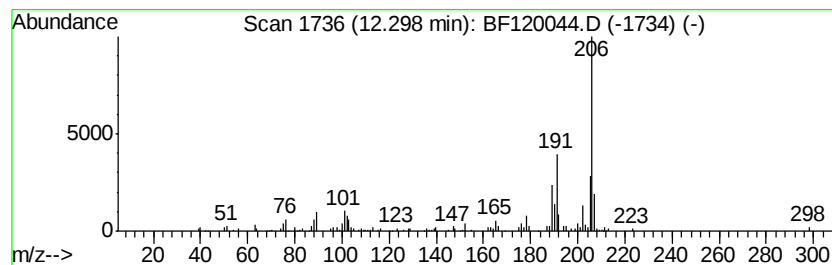
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.27 ng	156273	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		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

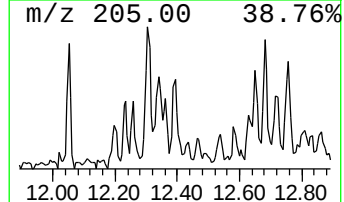
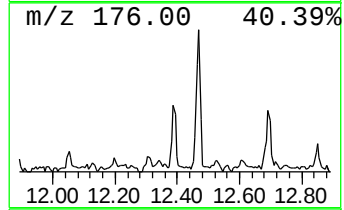
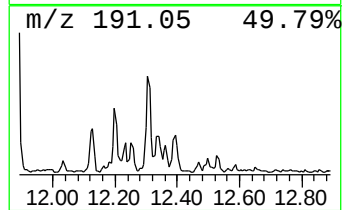
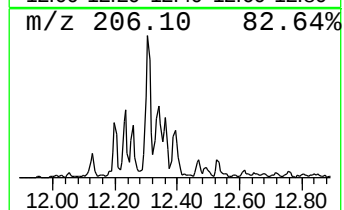
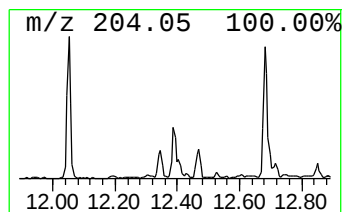
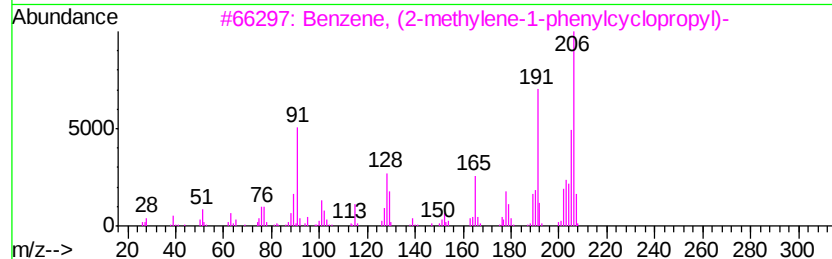
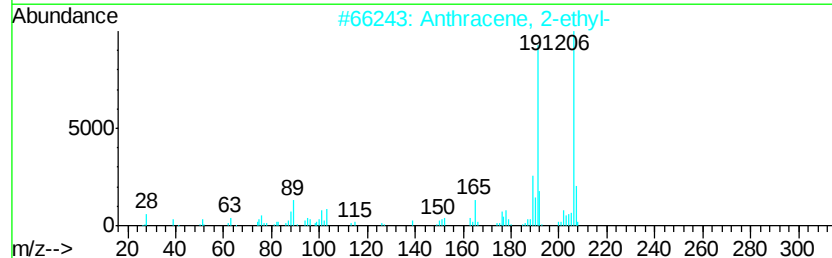
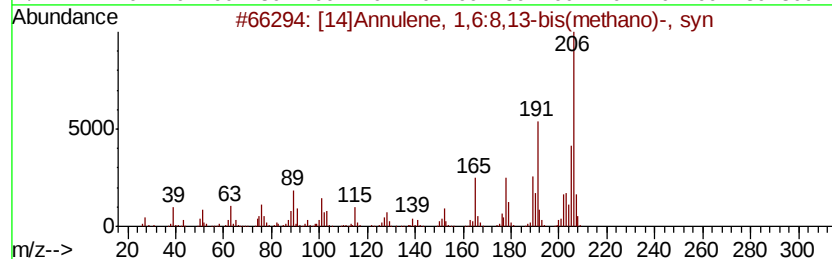
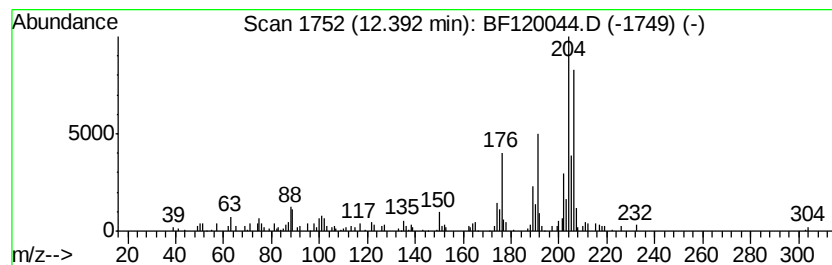
Instrument :
BNA_F
ClientSampleId :
TP-23B

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 18 unknown12.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.39	3.29 ng	120283	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49	
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	46	
3	Benzene, (2-methylene-1-phenylcv...	206	C16H14	025152-47-0	46	
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	46	
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	46	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-23B

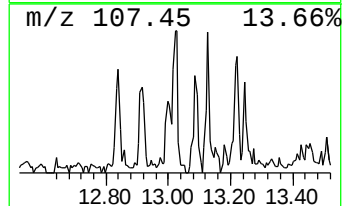
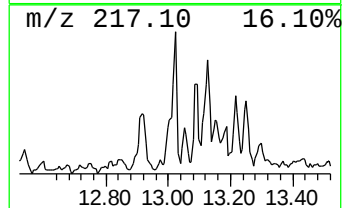
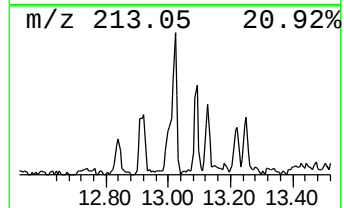
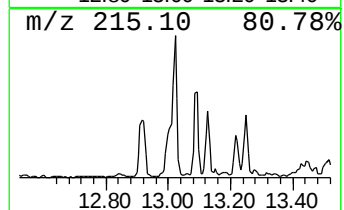
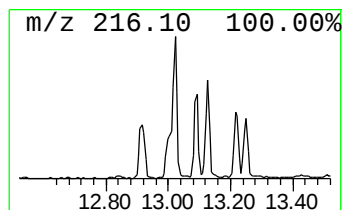
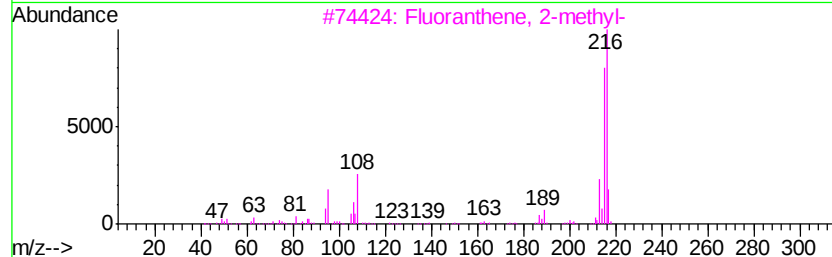
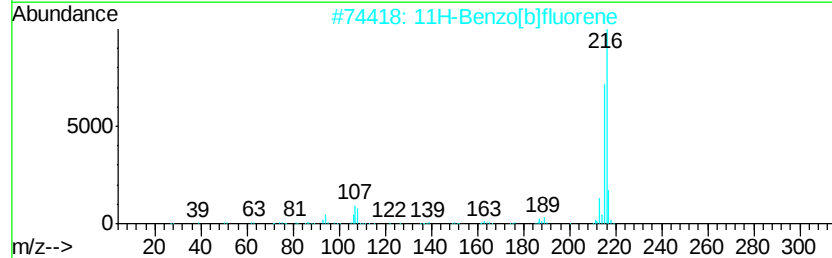
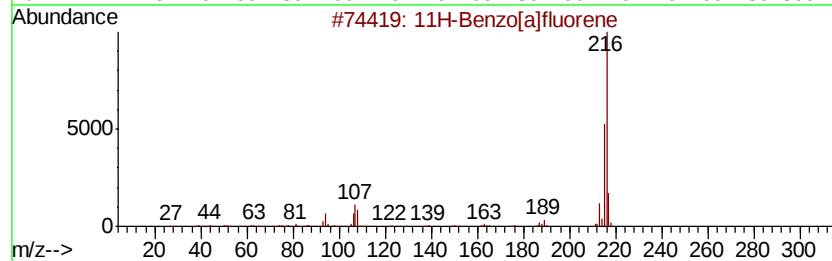
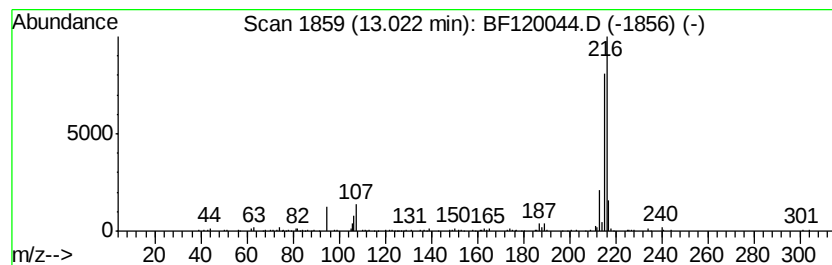
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.19 ng	245612	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120044.D
Acq On : 16 Apr 2020 18:53
Operator : MA/SJ
Sample : L2245-10 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-23B

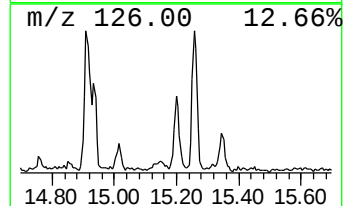
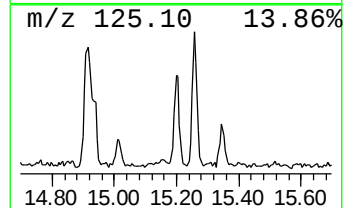
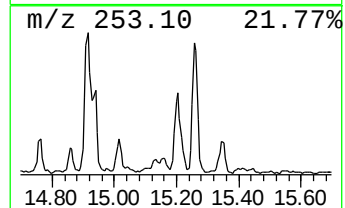
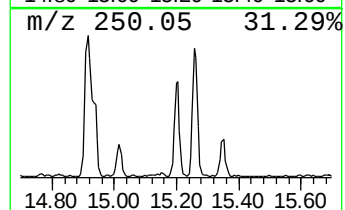
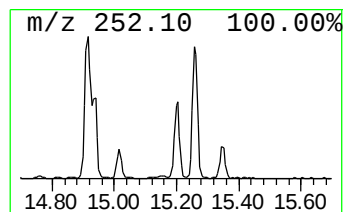
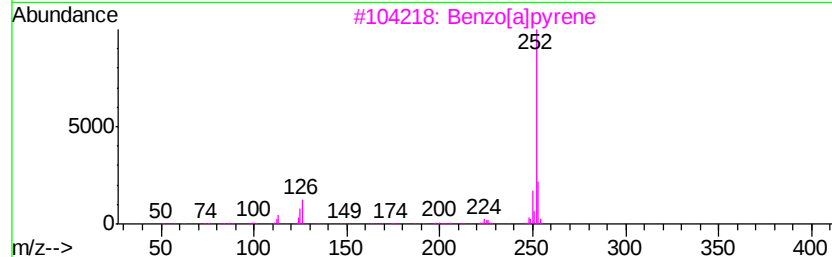
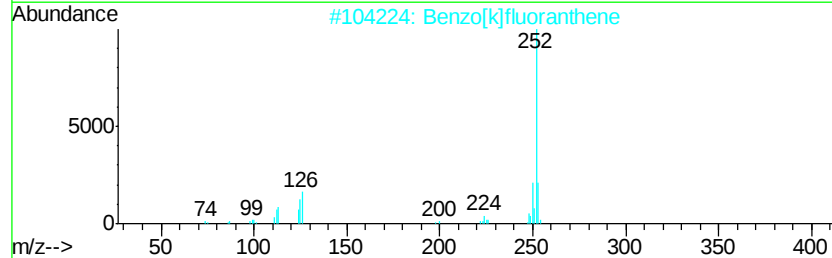
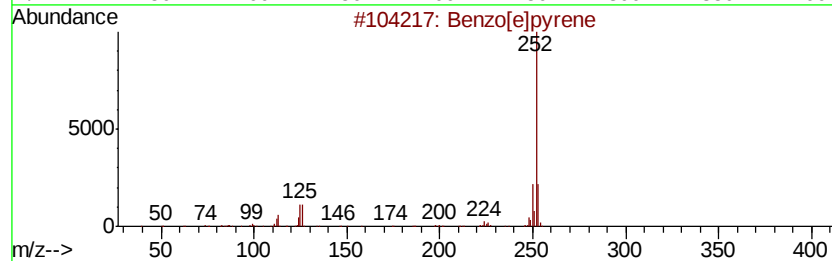
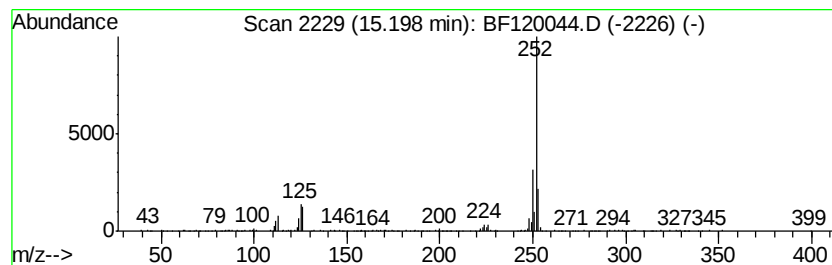
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	12.71 ng	371696	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
 Data File : BF120044.D
 Acq On : 16 Apr 2020 18:53
 Operator : MA/SJ
 Sample : L2245-10 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23B

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
Decane, 2,6,7-tri...	8.44	4.4 ng		229041	2	8.01	1048020	20.0
Naphthalene, 2,3-...	9.43	4.5 ng		229995	3	9.77	1023210	20.0
Naphthalene, 1,6,...	9.97	5.0 ng		254659	3	9.77	1023210	20.0
Z-2-Tridecen-1-ol	10.43	7.8 ng		400063	3	9.77	1023210	20.0
Tridecane, 5-propyl-	10.69	13.6 ng		498914	4	11.25	732201	20.0
9H-Fluorene, 2-me...	10.89	3.5 ng		128963	4	11.25	732201	20.0
Benzene, 1-nitro-...	11.01	3.3 ng		120112	4	11.25	732201	20.0
9H-Fluoren-9-one	11.06	3.1 ng		112587	4	11.25	732201	20.0
Heptacosane	11.16	11.0 ng		402351	4	11.25	732201	20.0
Phenanthrene, 2-m...	11.76	6.7 ng		243885	4	11.25	732201	20.0
Anthracene, 2-met...	11.78	9.3 ng		339592	4	11.25	732201	20.0
1H-Cyclopropa[1]p...	11.83	3.0 ng		110952	4	11.25	732201	20.0
4H-Cyclopenta[def...	11.86	11.2 ng		408732	4	11.25	732201	20.0
Anthracene, 9-met...	11.89	3.8 ng		139912	4	11.25	732201	20.0
Naphthalene, 2-ph...	12.05	3.7 ng		135975	4	11.25	732201	20.0
Phenanthrene, 2,5...	12.30	4.3 ng		156273	4	11.25	732201	20.0
unknown12.39	12.39	3.3 ng		120283	4	11.25	732201	20.0
11H-Benzo[a]fluorene	13.02	3.2 ng		245612	5	13.89	1538030	20.0
Benzo[e]pyrene	15.20	12.7 ng		371696	6	15.32	584991	20.0