

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120110.D
 Acq On : 21 Apr 2020 18:52
 Operator : MA/SJ
 Sample : L2342-19 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

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	5.293	541	545	555	rVB	395829	385399	31.38%	1.551%
2	6.328	717	721	728	rBV	476024	406860	33.13%	1.637%
3	6.692	779	783	786	rBV	825373	730130	59.45%	2.938%
4	6.845	805	809	812	rBV	474867	368529	30.01%	1.483%
5	7.251	875	878	882	rBV	385713	286122	23.30%	1.152%
6	7.975	998	1001	1003	rBV	1126108	979803	79.78%	3.943%
7	7.998	1003	1005	1008	rVB	453015	322360	26.25%	1.297%
8	8.692	1119	1123	1126	rVB	316420	245013	19.95%	0.986%
9	8.792	1134	1140	1143	rBV	388282	342152	27.86%	1.377%
10	9.057	1181	1185	1188	rBV	645009	552359	44.97%	2.223%
11	9.251	1215	1218	1223	rVB	60051	66815	5.44%	0.269%
12	9.322	1225	1230	1233	rBV	148302	193328	15.74%	0.778%
13	9.392	1238	1242	1244	rBV	288391	254672	20.74%	1.025%
14	9.416	1244	1246	1250	rVB	142423	124615	10.15%	0.502%
15	9.451	1250	1252	1257	rVB2	87780	78330	6.38%	0.315%
16	9.510	1259	1262	1264	rBV	131015	116609	9.49%	0.469%
17	9.592	1273	1276	1280	rVB	264743	201625	16.42%	0.811%
18	9.733	1294	1300	1303	rBV	1375751	1094946	89.15%	4.407%
19	9.763	1303	1305	1309	rVV	207077	169660	13.81%	0.683%
20	9.839	1315	1318	1322	rBV2	51386	64655	5.26%	0.260%
21	9.886	1322	1326	1329	rBV2	42054	50630	4.12%	0.204%
22	9.933	1329	1334	1338	rVB	189629	191206	15.57%	0.770%
23	9.975	1338	1341	1344	rBV	80612	64734	5.27%	0.261%
24	10.051	1349	1354	1357	rBV2	80919	85637	6.97%	0.345%
25	10.139	1365	1369	1371	rBV2	52912	64718	5.27%	0.260%
26	10.233	1379	1385	1387	rVV4	38240	56529	4.60%	0.228%
27	10.280	1390	1393	1399	rVV	492153	413264	33.65%	1.663%
28	10.345	1402	1404	1406	rVV	93791	88356	7.19%	0.356%
29	10.369	1406	1408	1410	rVV2	77583	73276	5.97%	0.295%
30	10.392	1410	1412	1414	rVV2	71081	66105	5.38%	0.266%
31	10.439	1417	1420	1425	rVV3	86700	107161	8.73%	0.431%
32	10.522	1429	1434	1438	rVV2	333100	361209	29.41%	1.454%
33	10.645	1450	1455	1463	rVB5	52708	73396	5.98%	0.295%
34	10.827	1481	1486	1489	rBV2	118675	142298	11.59%	0.573%

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

35	10.857	1489	1491	1494	rVV2	99198	88930	7.24%	0.358%
36	10.910	1498	1500	1503	rVB	89590	75122	6.12%	0.302%
37	10.980	1509	1512	1514	rVV3	52127	61137	4.98%	0.246%
38	11.069	1523	1527	1530	rVV2	45889	57334	4.67%	0.231%
39	11.116	1532	1535	1544	rVB	149590	162581	13.24%	0.654%
40	11.216	1549	1552	1554	rBV	1044775	980782	79.86%	3.947%
41	11.245	1554	1557	1560	rVB	1489312	1228148	100.00%	4.943%
42	11.292	1562	1565	1568	rVB	395985	312989	25.48%	1.260%
43	11.327	1568	1571	1574	rBV2	56722	64317	5.24%	0.259%
44	11.451	1589	1592	1594	rBV	76396	70385	5.73%	0.283%
45	11.516	1601	1603	1605	rVV2	56371	44936	3.66%	0.181%
46	11.551	1605	1609	1615	rVB2	87112	87576	7.13%	0.352%
47	11.633	1620	1623	1627	rVB	62292	60673	4.94%	0.244%
48	11.722	1633	1638	1640	rBV	299130	263864	21.48%	1.062%
49	11.745	1640	1642	1647	rVB	331974	309600	25.21%	1.246%
50	11.792	1647	1650	1653	rBV	130715	125306	10.20%	0.504%
51	11.833	1653	1657	1659	rVV2	443249	483713	39.39%	1.947%
52	11.851	1659	1660	1666	rVB	194962	165226	13.45%	0.665%
53	12.016	1685	1688	1690	rVV2	136485	113872	9.27%	0.458%
54	12.039	1690	1692	1698	rVB3	57478	65149	5.30%	0.262%
55	12.163	1711	1713	1716	rVV	61176	59758	4.87%	0.240%
56	12.198	1716	1719	1721	rVV	60706	65333	5.32%	0.263%
57	12.222	1721	1723	1725	rVB	57009	46540	3.79%	0.187%
58	12.269	1725	1731	1734	rBV	183336	212746	17.32%	0.856%
59	12.310	1734	1738	1740	rVV	117622	156940	12.78%	0.632%
60	12.357	1743	1746	1750	rBV3	92532	137030	11.16%	0.551%
61	12.433	1755	1759	1762	rBV	984580	883868	71.97%	3.557%
62	12.527	1772	1775	1778	rVV	53948	50719	4.13%	0.204%
63	12.580	1782	1784	1788	rVB3	40889	43480	3.54%	0.175%
64	12.657	1792	1797	1800	rBV	1026111	1030372	83.90%	4.147%
65	12.716	1804	1807	1811	rVB2	53888	78859	6.42%	0.317%
66	12.804	1819	1822	1829	rVB	531558	475939	38.75%	1.915%
67	12.880	1830	1835	1838	rBV3	114247	157496	12.82%	0.634%
68	12.969	1846	1850	1851	rBV2	85249	105659	8.60%	0.425%
69	12.986	1851	1853	1857	rVB	235368	203849	16.60%	0.820%
70	13.051	1861	1864	1867	rVB	182146	166851	13.59%	0.671%
71	13.092	1867	1871	1874	rBV2	177699	176311	14.36%	0.710%

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72	13.186	1883	1887	1889	rVB	104557	100471	8.18%	0.404%
73	13.216	1889	1892	1895	rBV	122800	109014	8.88%	0.439%
74	13.474	1932	1936	1937	rBV2	45275	52407	4.27%	0.211%
75	13.604	1953	1958	1961	rBV2	89063	129601	10.55%	0.522%
76	13.633	1961	1963	1965	rVV	97111	81049	6.60%	0.326%
77	13.657	1965	1967	1971	rVV2	66761	76359	6.22%	0.307%
78	13.716	1973	1977	1985	rVB4	52427	105304	8.57%	0.424%
79	13.857	1996	2001	2004	rBV2	870788	1181276	96.18%	4.754%
80	13.880	2004	2005	2010	rVB	368936	273445	22.26%	1.100%
81	13.963	2012	2019	2021	rBV3	201259	382667	31.16%	1.540%
82	14.033	2027	2031	2043	rVB8	415656	1187395	96.68%	4.779%
83	14.245	2063	2067	2070	rVV	151625	169670	13.82%	0.683%
84	14.274	2070	2072	2076	rVV	81846	87105	7.09%	0.351%
85	14.339	2080	2083	2086	rVV2	118829	137473	11.19%	0.553%
86	14.368	2086	2088	2090	rVV	107249	98466	8.02%	0.396%
87	14.392	2090	2092	2095	rVB2	68755	66396	5.41%	0.267%
88	14.615	2128	2130	2132	rBV2	51475	56358	4.59%	0.227%
89	14.868	2169	2173	2176	rBV	352154	486154	39.58%	1.957%
90	14.951	2185	2187	2189	rBV2	35270	45202	3.68%	0.182%
91	14.974	2189	2191	2194	rVB	88620	77676	6.32%	0.313%
92	15.157	2218	2222	2227	rVB	221030	271206	22.08%	1.091%
93	15.215	2227	2232	2237	rBV	367842	438344	35.69%	1.764%
94	15.274	2237	2242	2245	rVV	597814	714255	58.16%	2.875%
95	15.304	2245	2247	2253	rVB3	141366	214323	17.45%	0.863%
96	15.721	2315	2318	2321	rBV5	39972	49352	4.02%	0.199%
97	15.792	2328	2330	2335	rVB4	37999	52743	4.29%	0.212%
98	16.639	2469	2474	2481	rVB2	152507	271995	22.15%	1.095%
99	16.798	2499	2501	2507	rVB2	29148	45548	3.71%	0.183%
100	17.051	2539	2544	2550	rVB	98753	190383	15.50%	0.766%

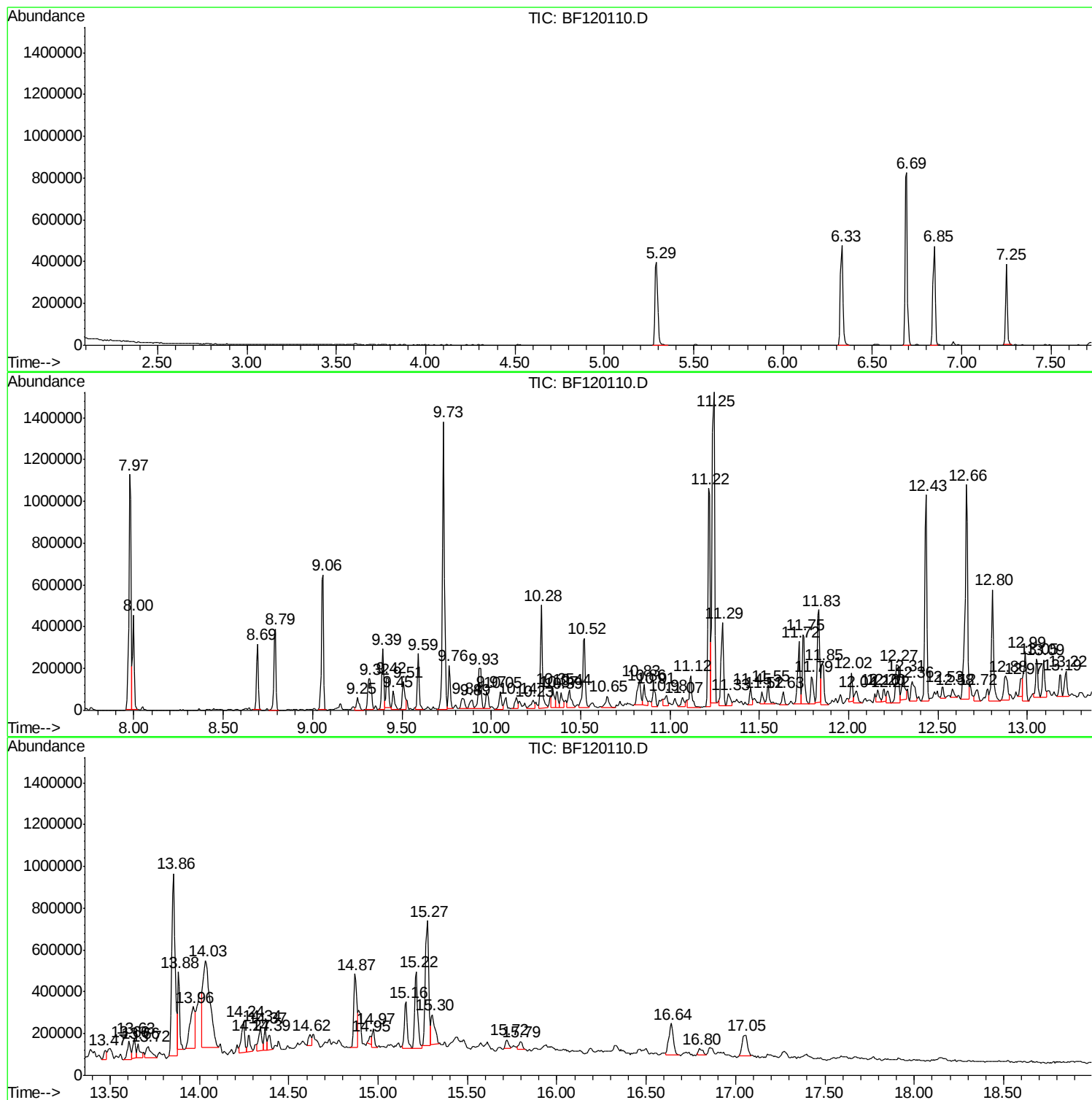
Sum of corrected areas: 24847528

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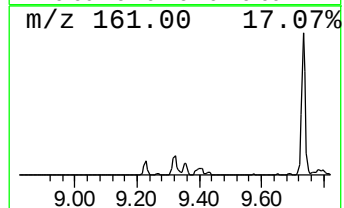
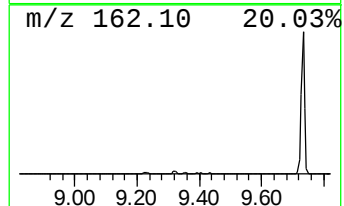
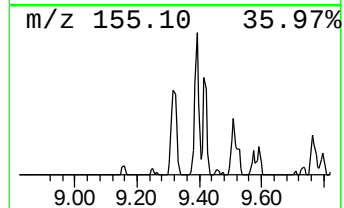
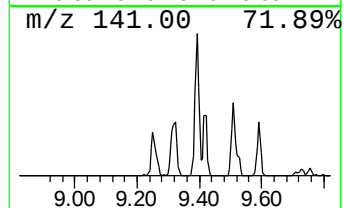
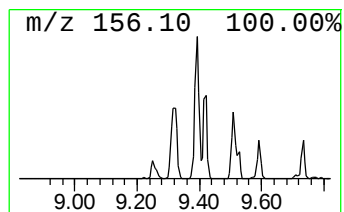
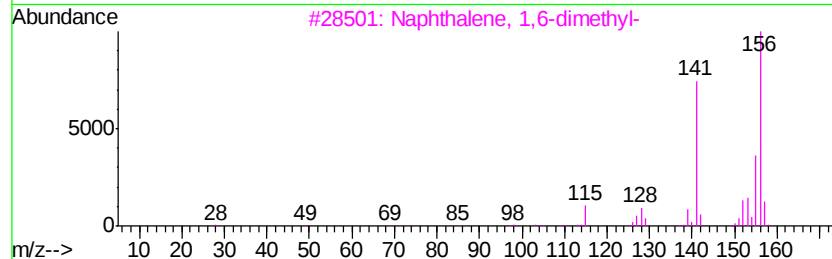
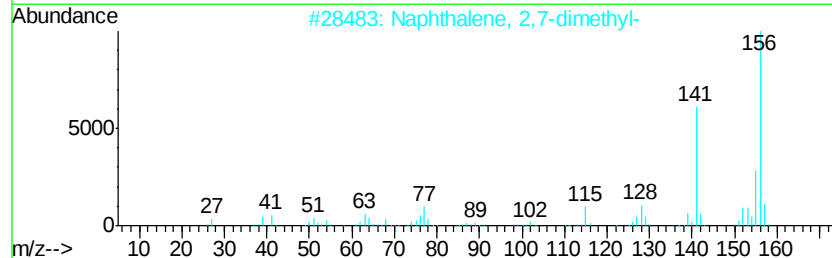
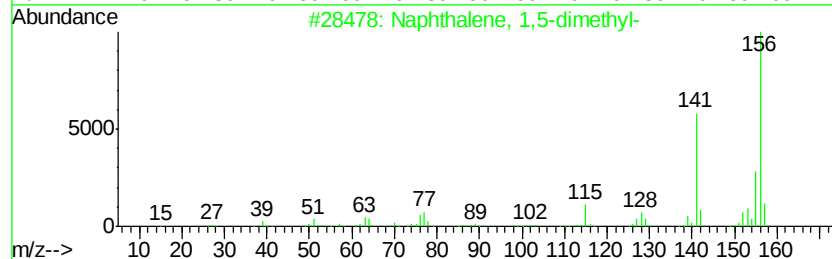
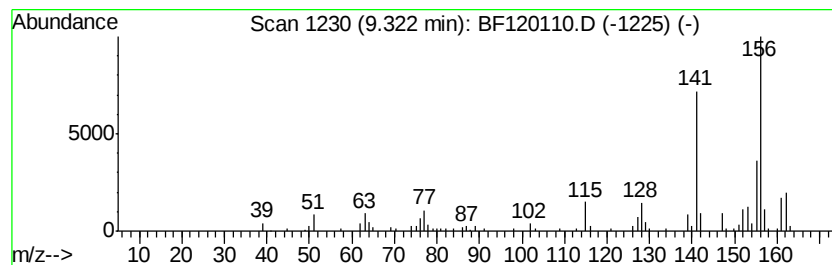
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.53 ng	193328	Acenaphthene-d10	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



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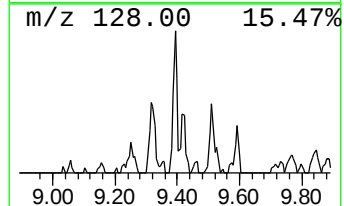
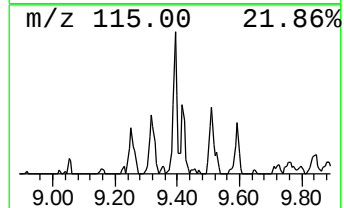
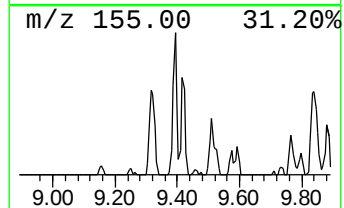
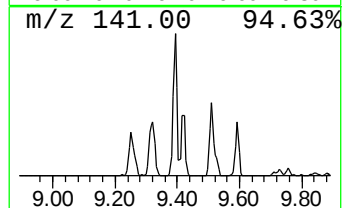
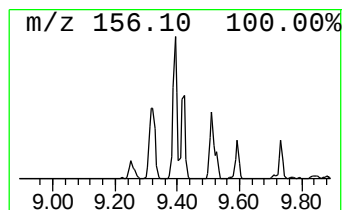
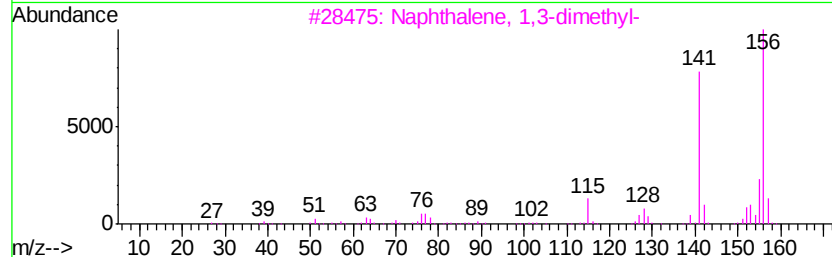
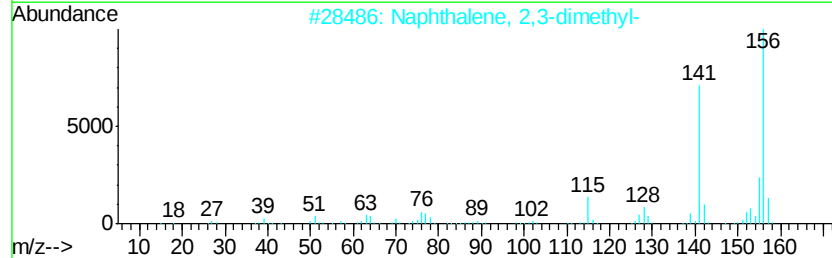
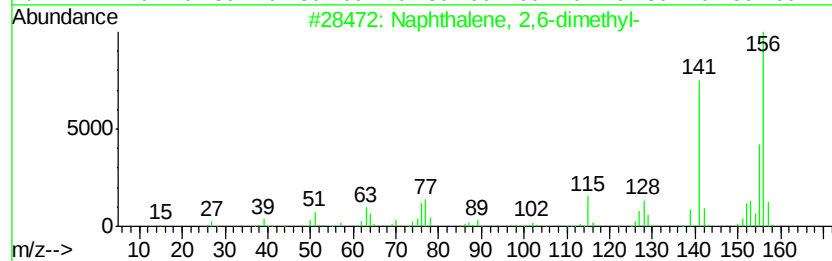
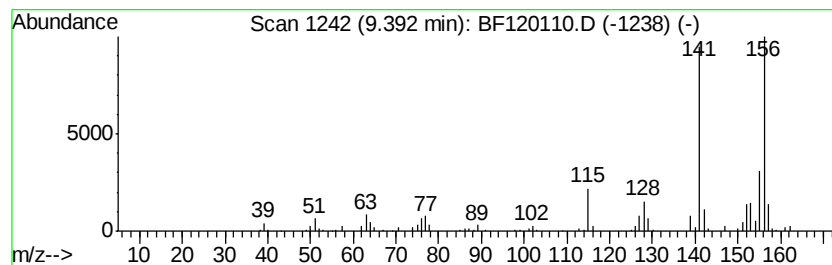
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	4.65 ng	254672	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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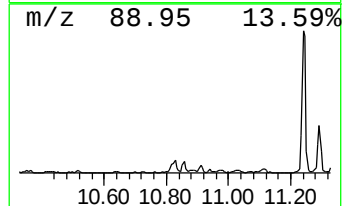
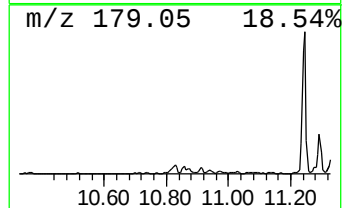
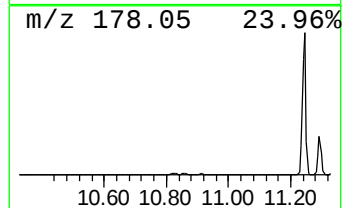
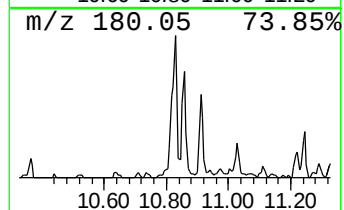
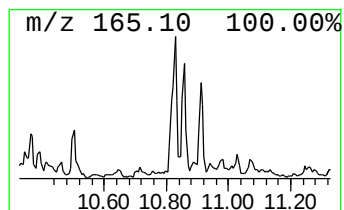
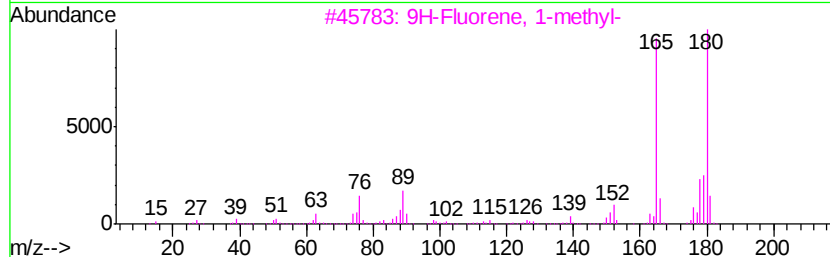
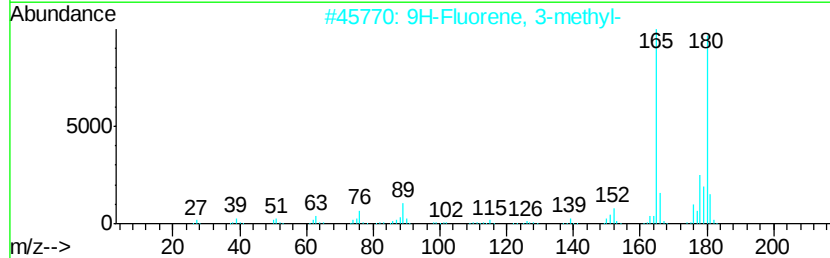
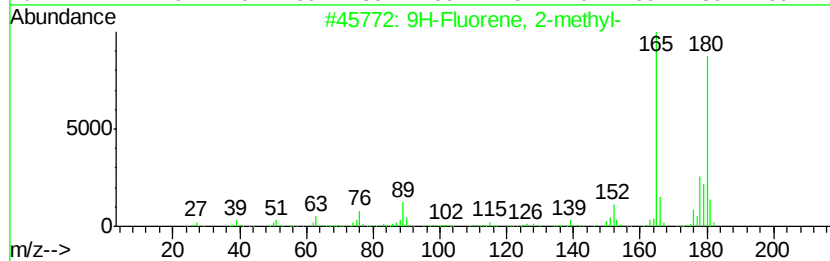
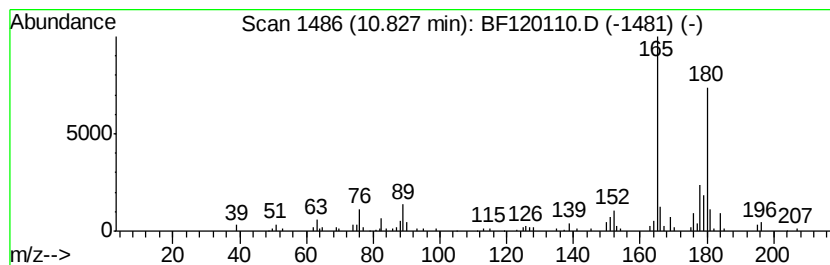
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.90 ng	142298	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	72



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Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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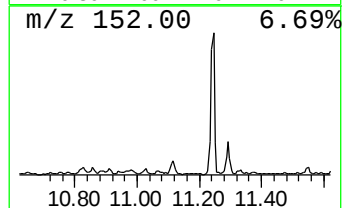
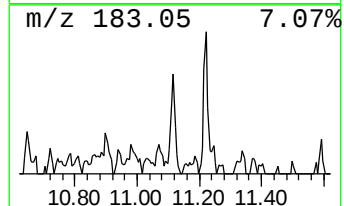
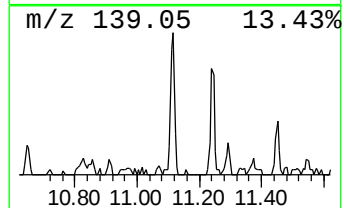
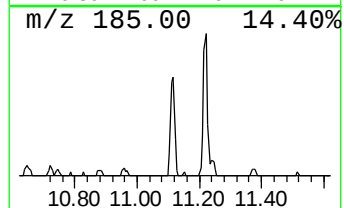
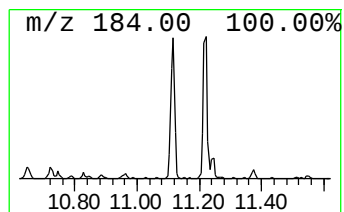
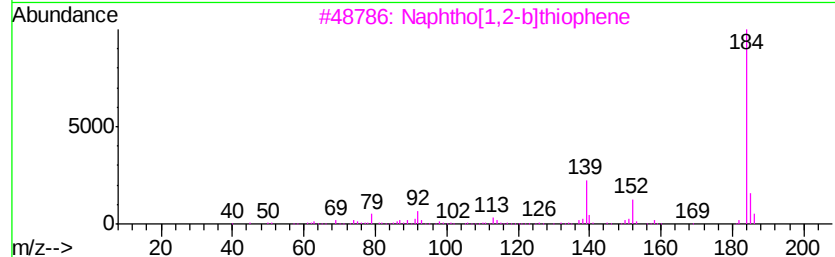
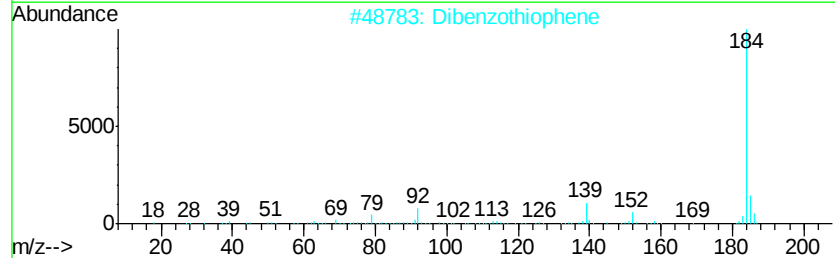
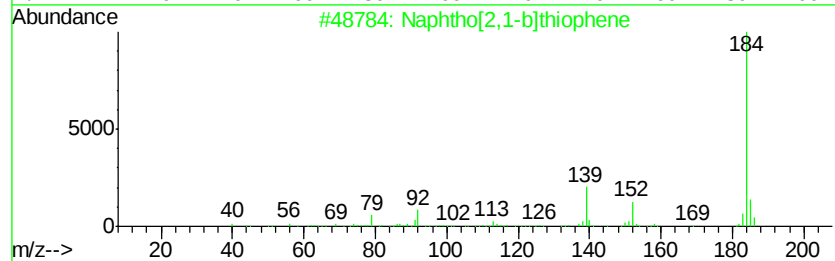
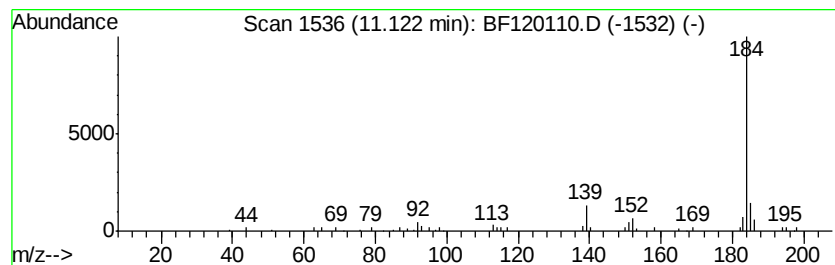
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.32 ng	162581	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	78



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Sample : L2342-19 5X
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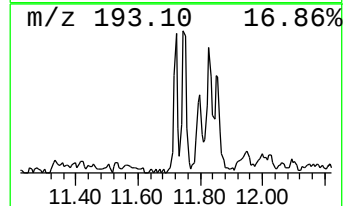
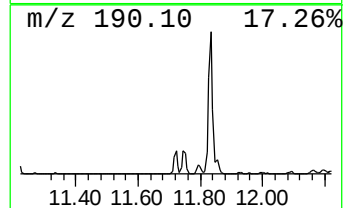
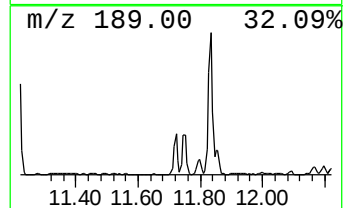
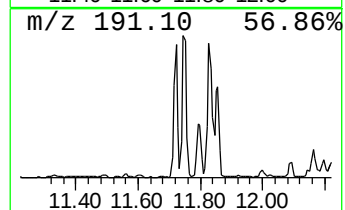
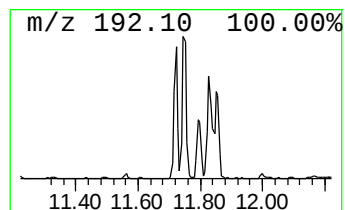
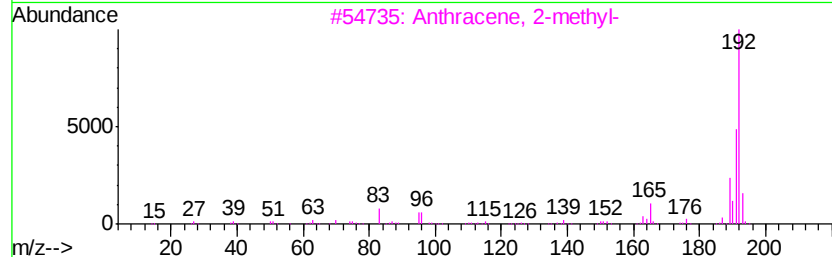
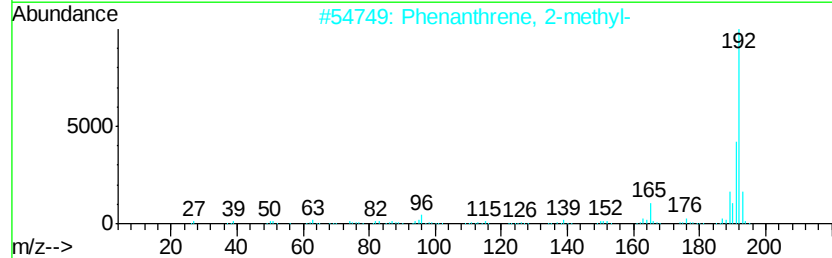
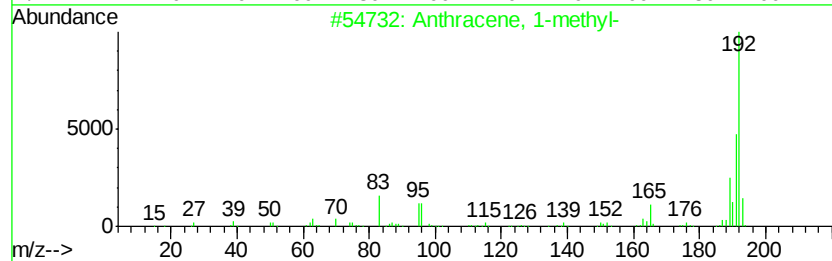
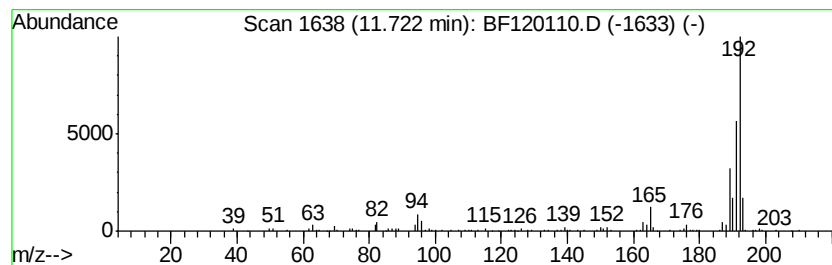
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	5.38 ng	263864	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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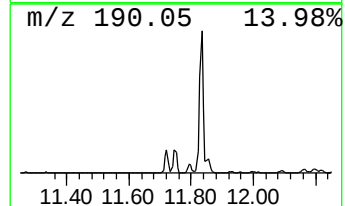
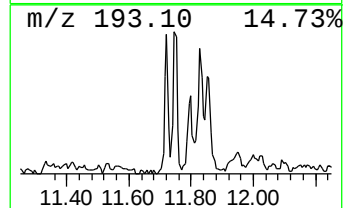
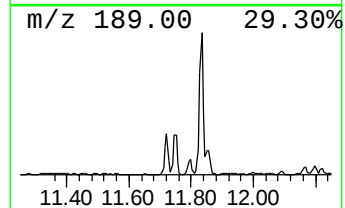
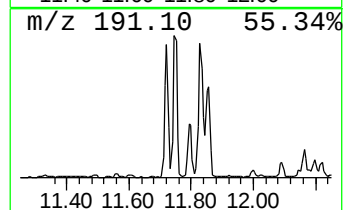
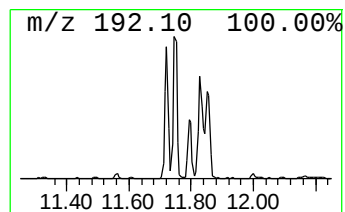
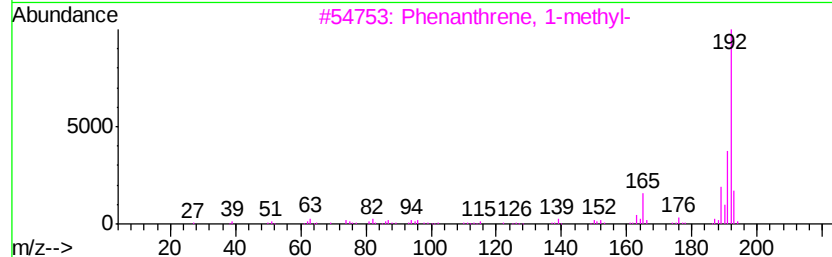
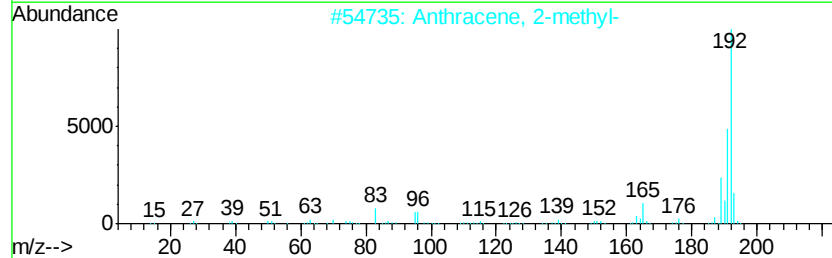
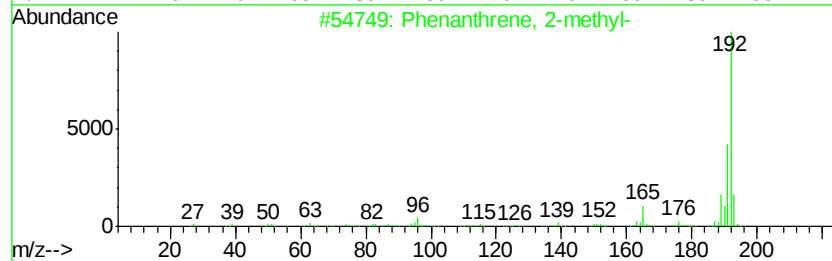
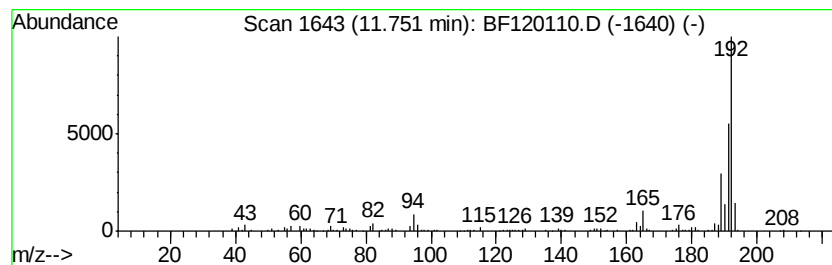
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.31 ng	309600	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
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Operator : MA/SJ
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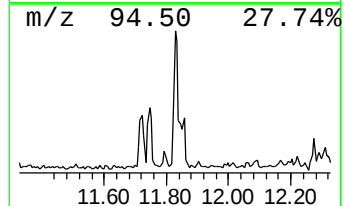
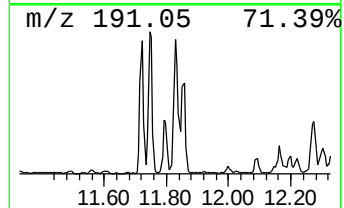
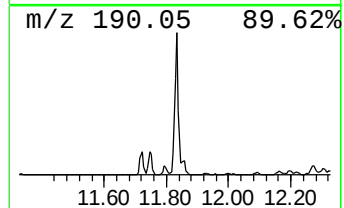
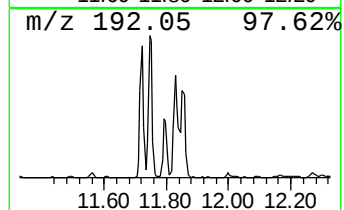
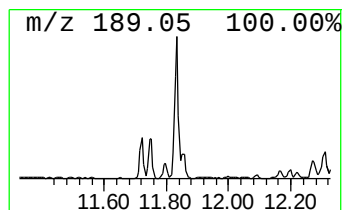
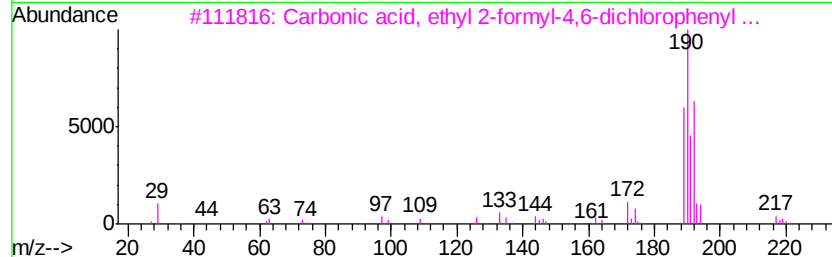
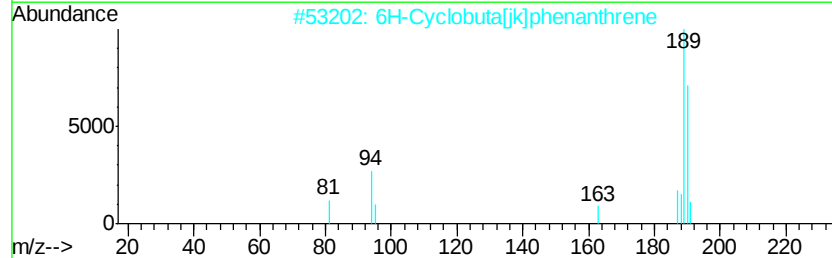
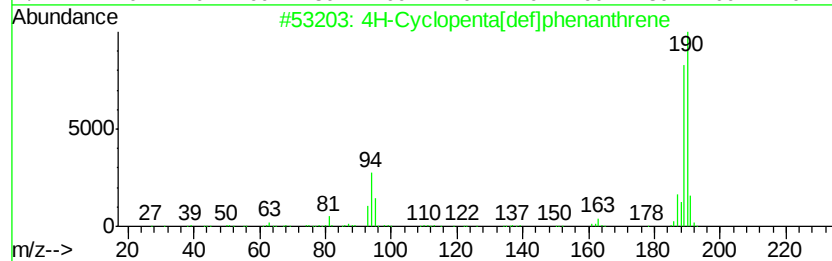
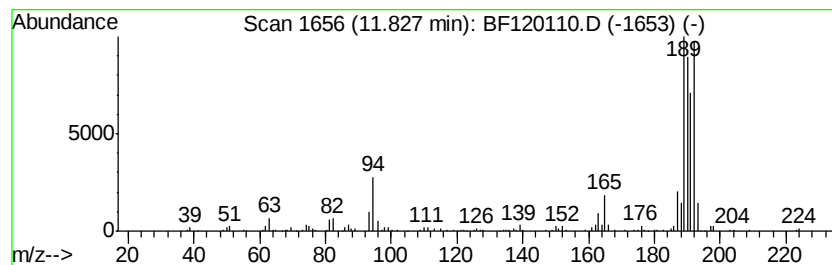
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	9.86 ng	483713	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[i]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30



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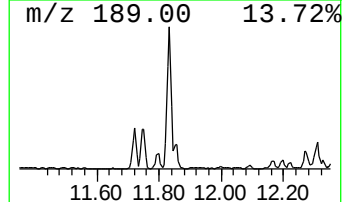
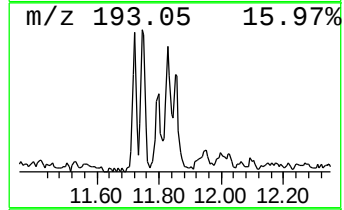
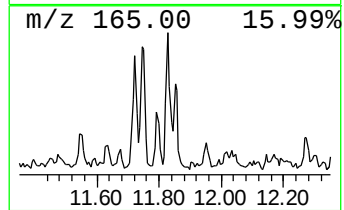
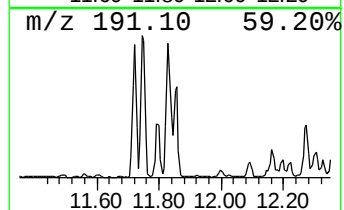
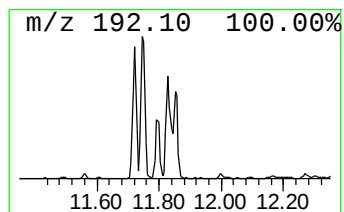
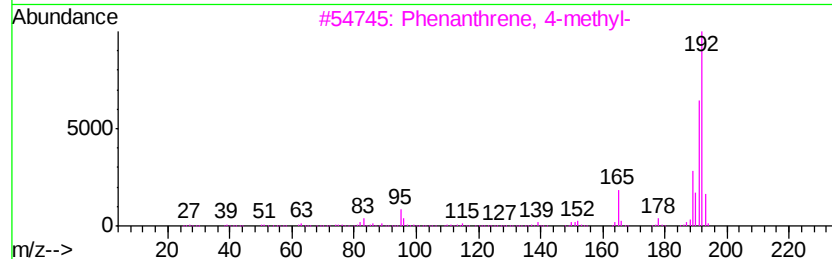
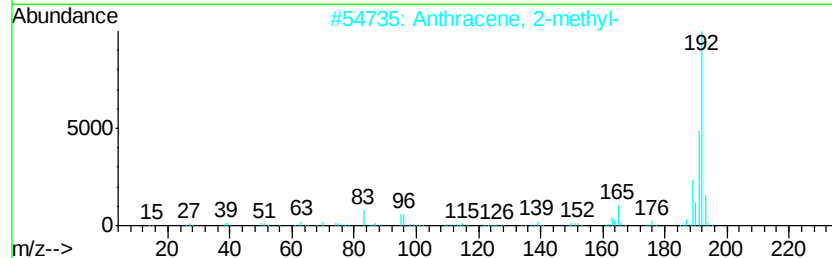
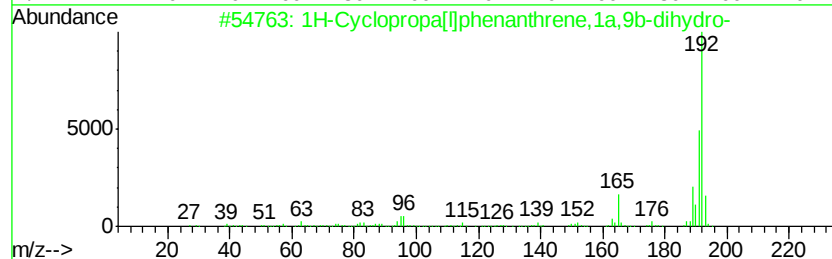
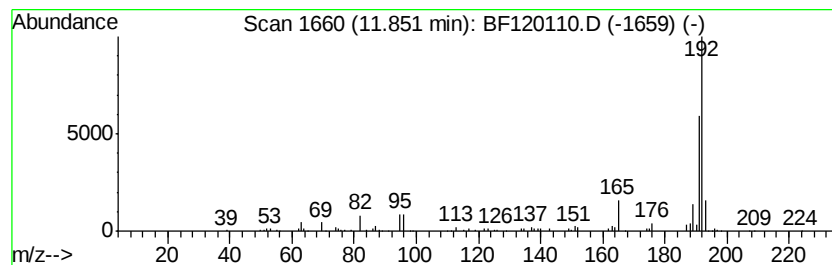
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	3.37 ng	165226	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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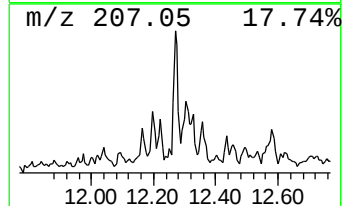
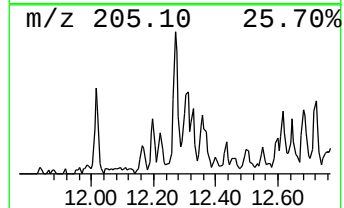
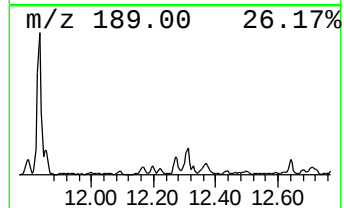
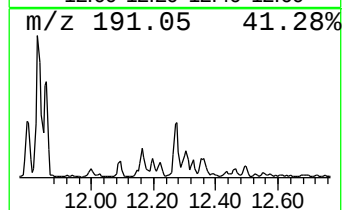
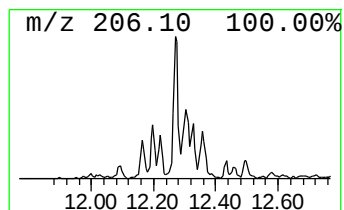
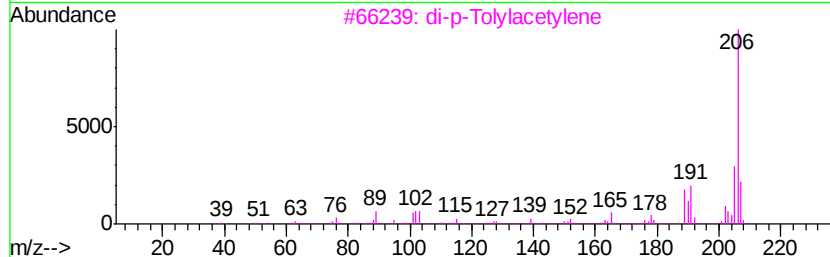
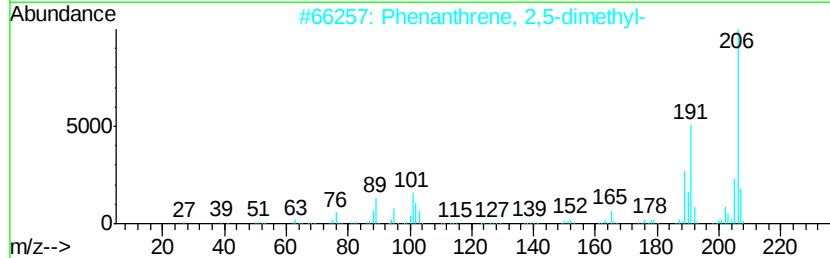
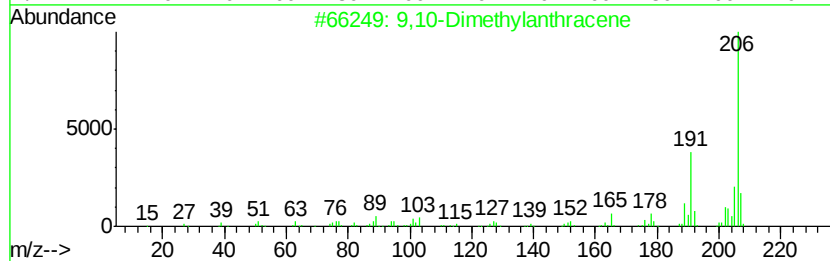
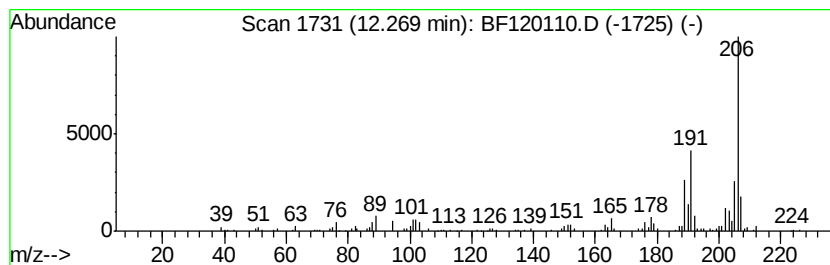
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.34 ng	212746	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	95
3	di-p-Tolylacetvlene		206	C16H14	002789-88-0	95
4	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	93
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
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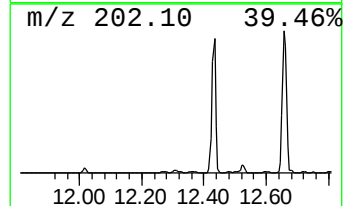
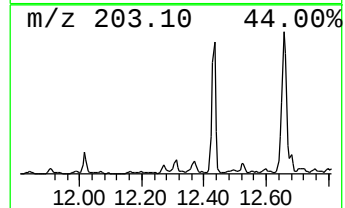
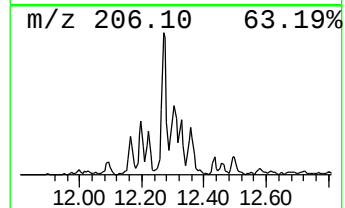
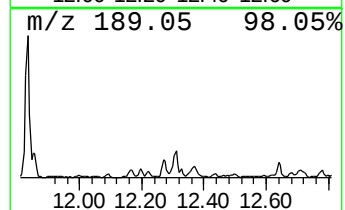
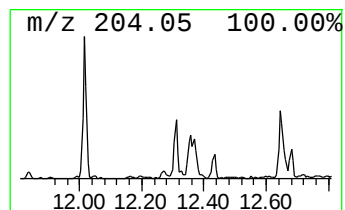
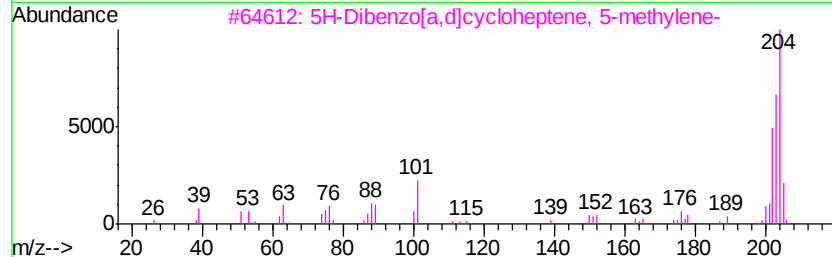
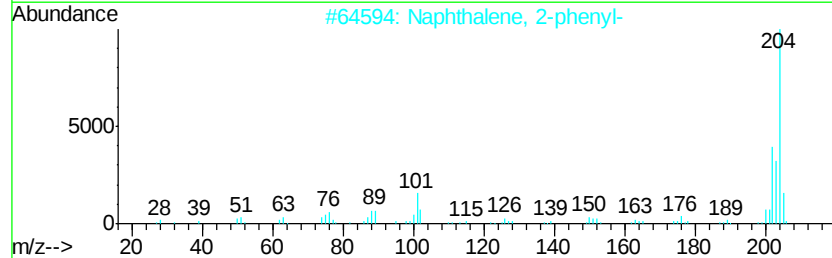
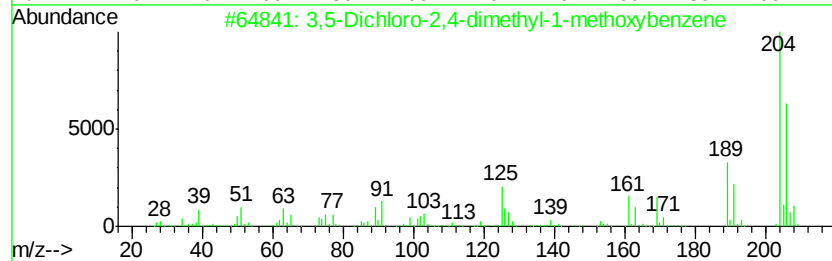
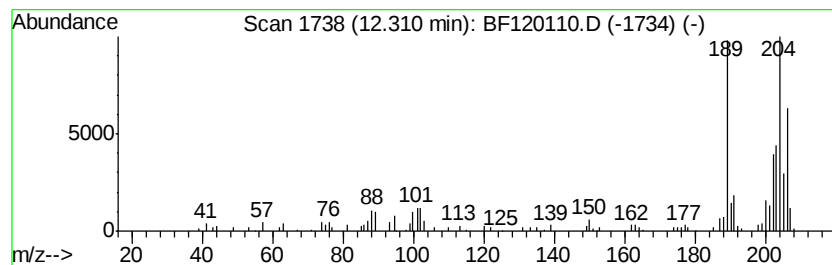
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.31 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.20 ng	156940	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	43
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
4		Benzoic acid, p-[[dimethylamino...	206	C11H14N2O2	029390-16-7	25
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

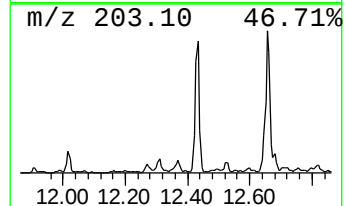
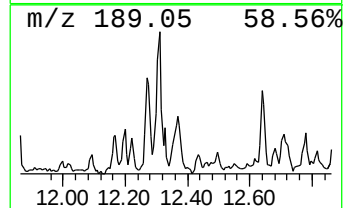
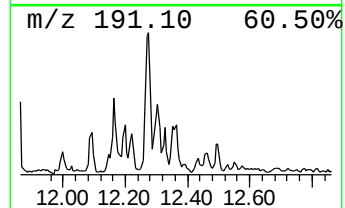
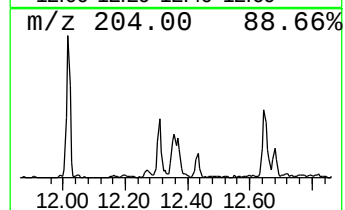
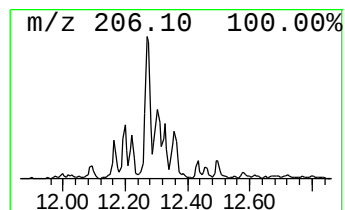
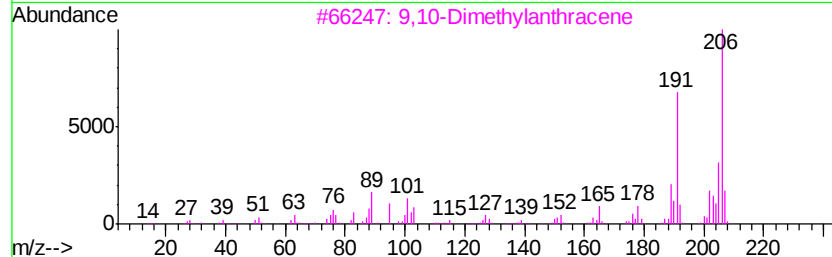
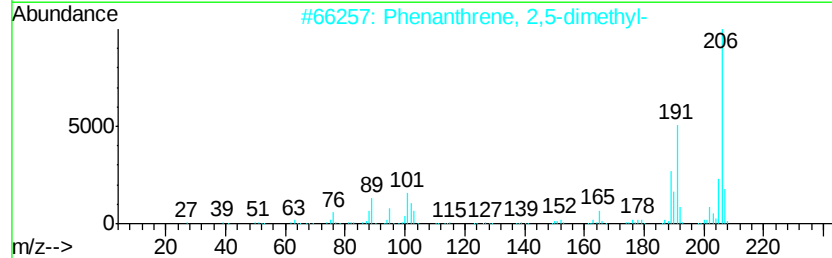
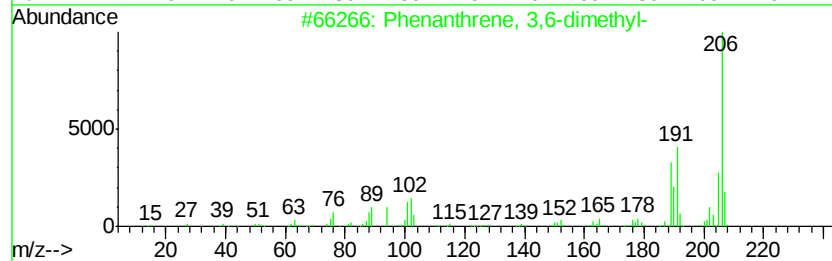
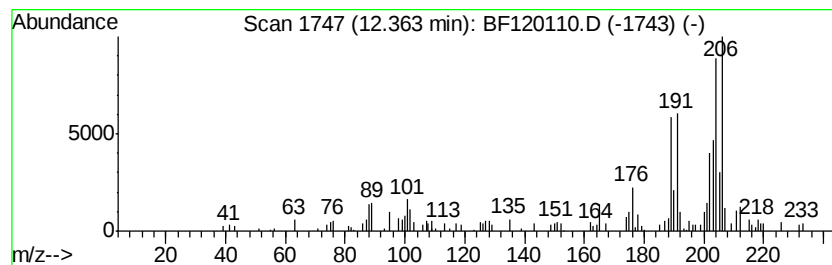
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ClientSampleId :
TP-15-COMP

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 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.36	2.79 ng	137030	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

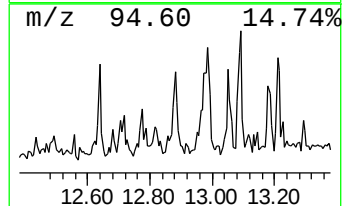
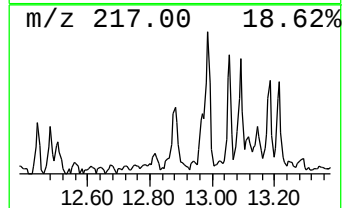
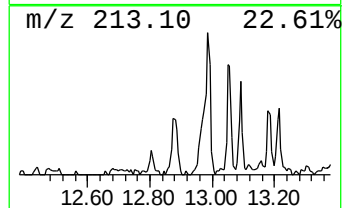
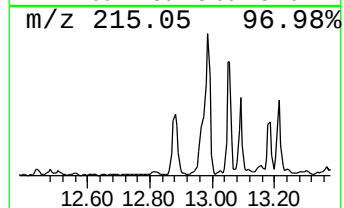
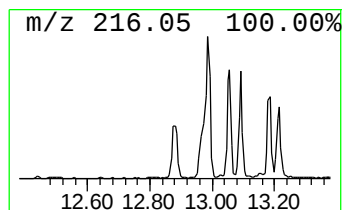
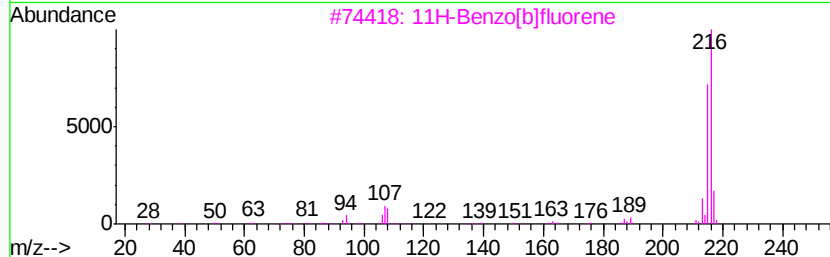
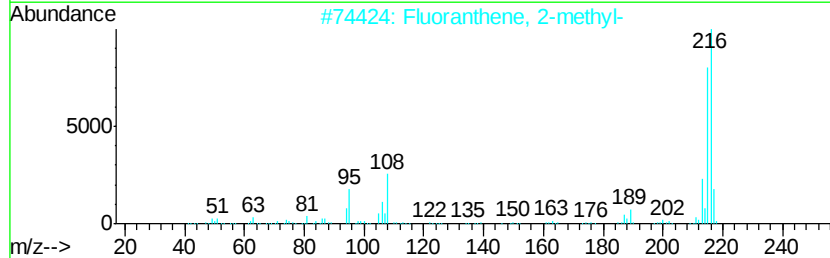
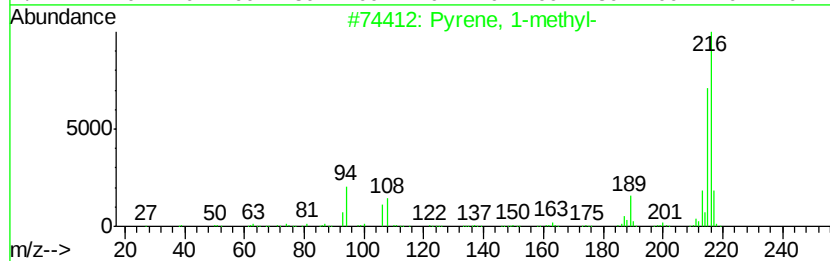
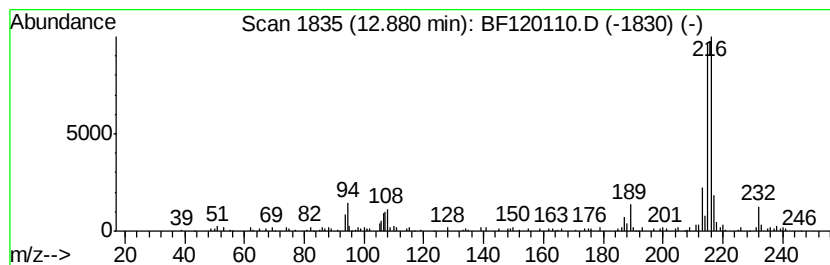
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.67 ng	157496	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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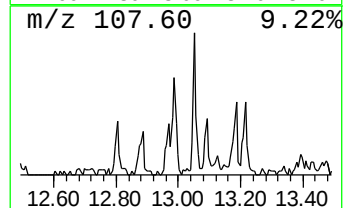
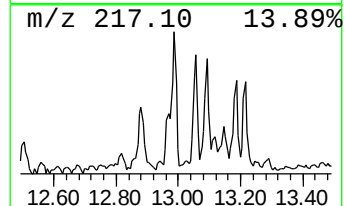
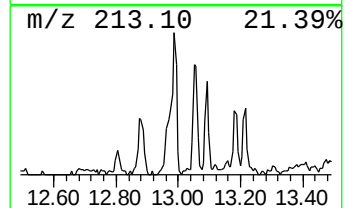
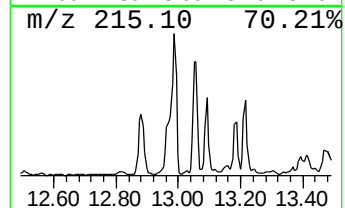
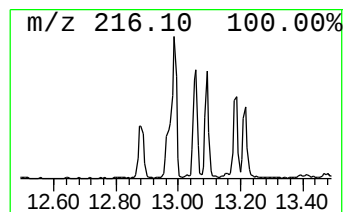
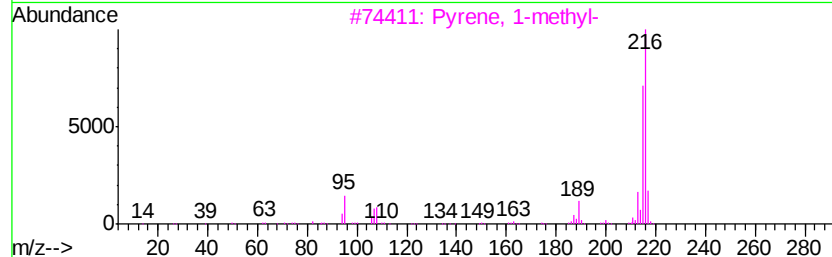
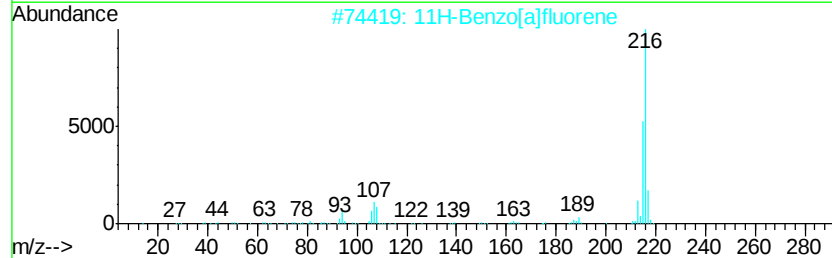
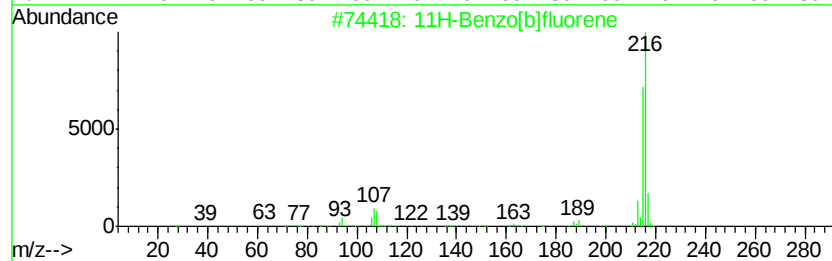
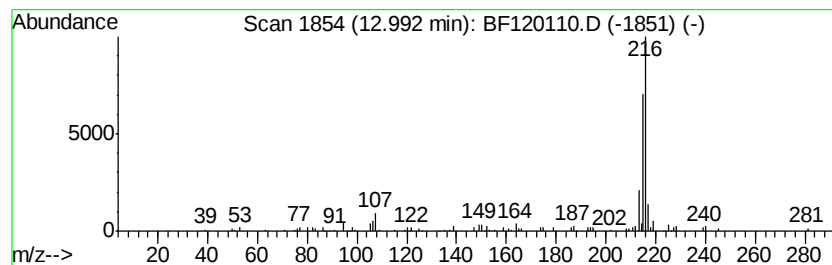
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.45 ng	203849	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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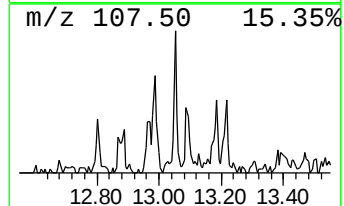
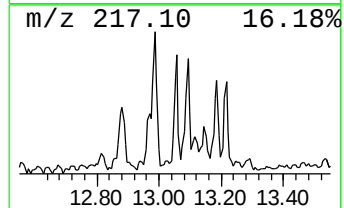
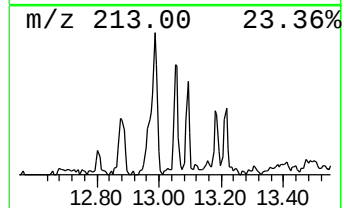
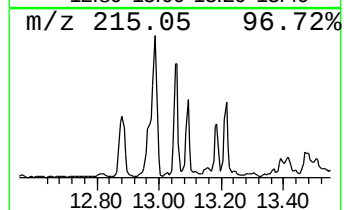
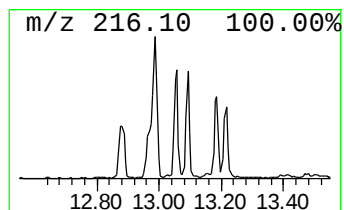
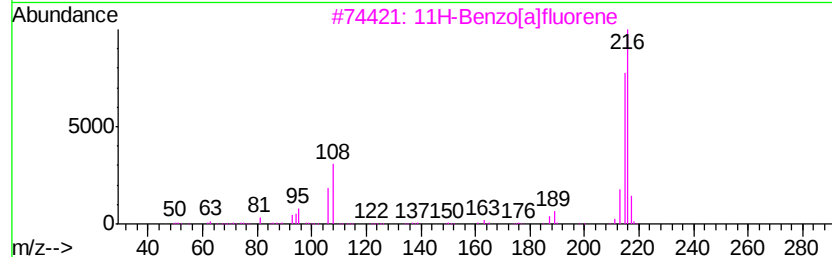
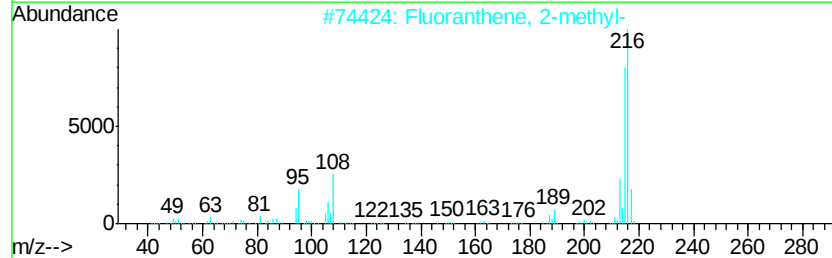
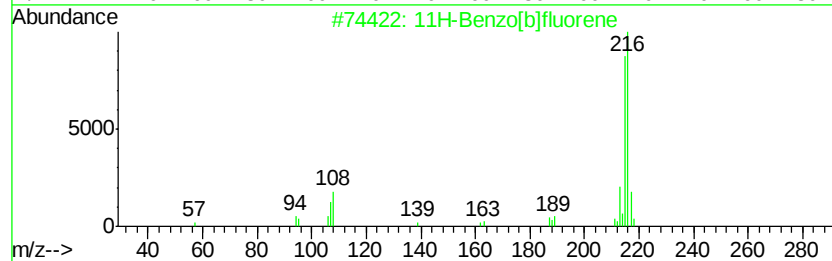
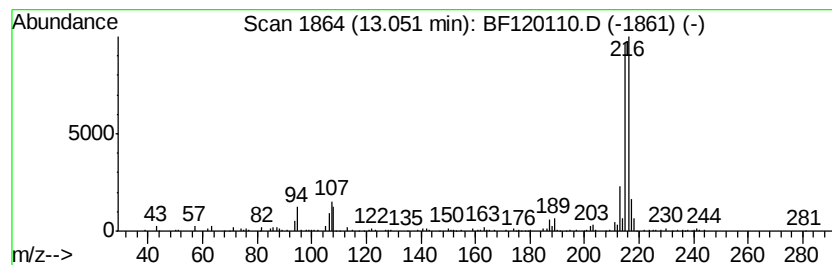
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.82 ng	166851	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	92
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

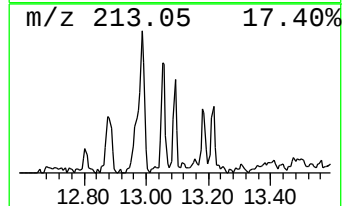
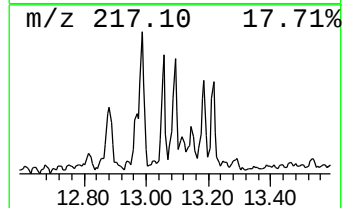
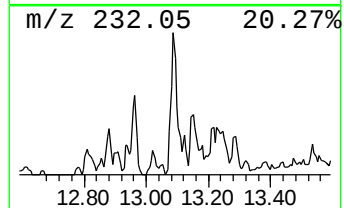
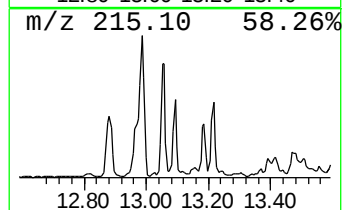
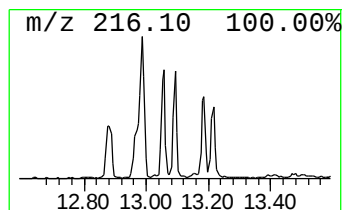
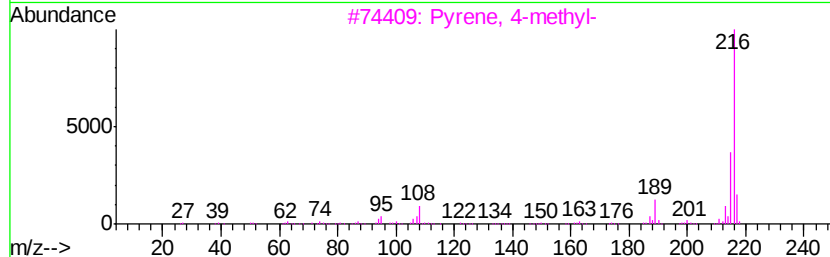
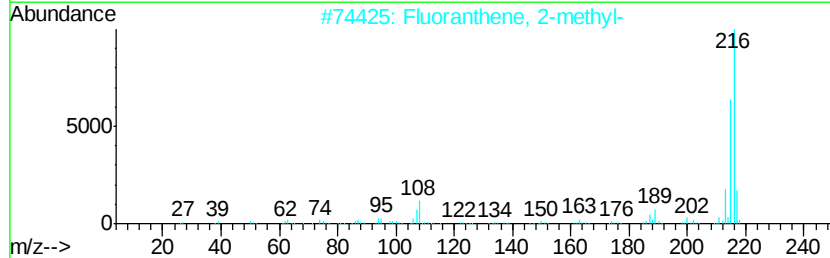
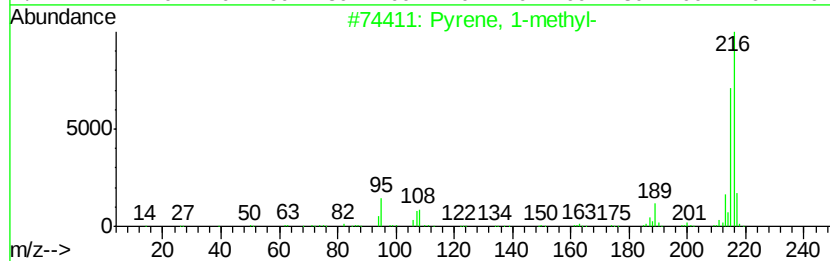
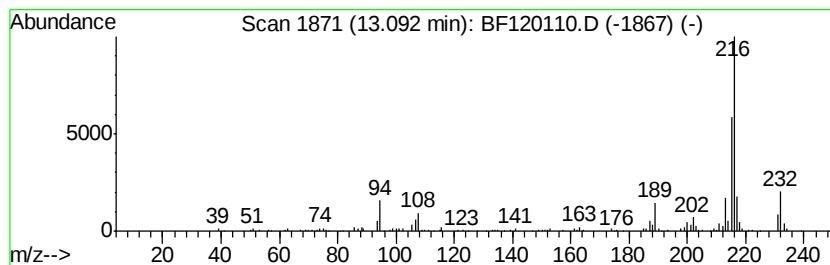
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.99 ng	176311	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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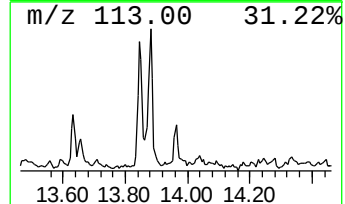
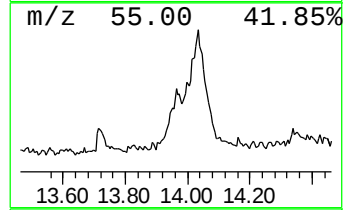
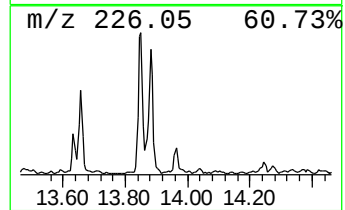
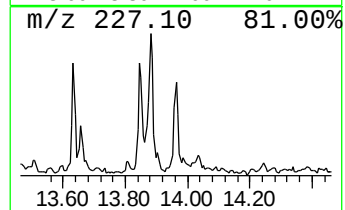
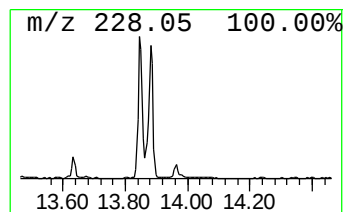
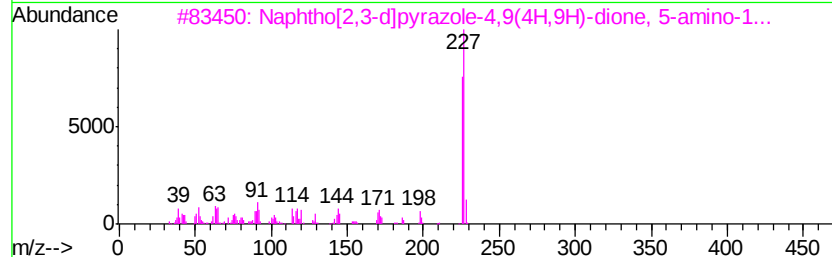
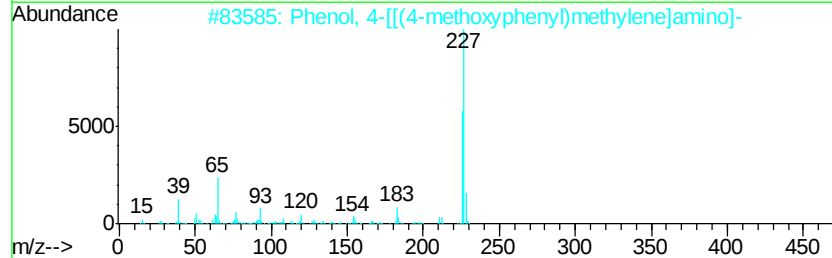
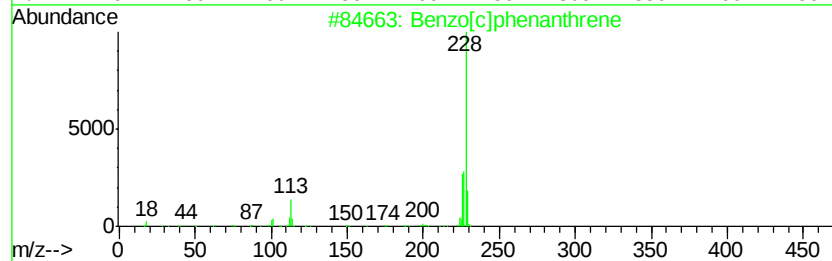
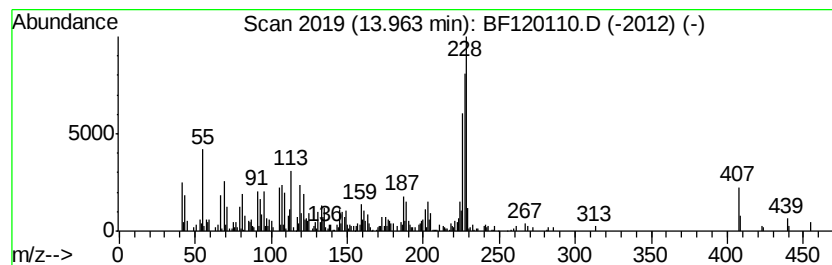
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[c]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.48 ng	382667	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2		Phenol, 4-[[[4-methoxyphenyl)met...	227	C14H13NO2	003230-39-5	35
3		Naphtho[2,3-d]pyrazole-4,9(4H,9H)...	227	C12H9N3O2	1000263-96-1	27
4		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	27
5		Quinolin-4-ol, 7-trifluoromethyl...	227	C11H8F3NO	015912-66-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

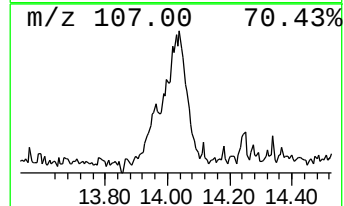
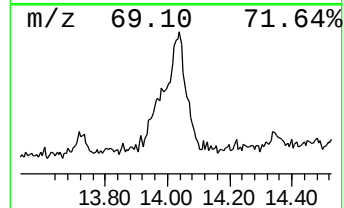
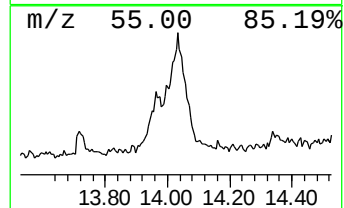
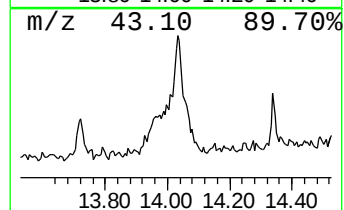
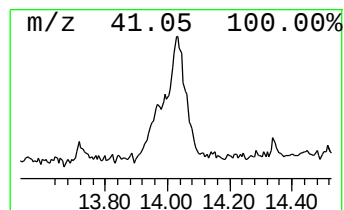
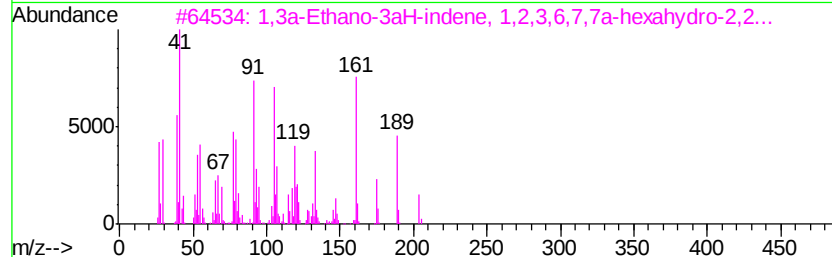
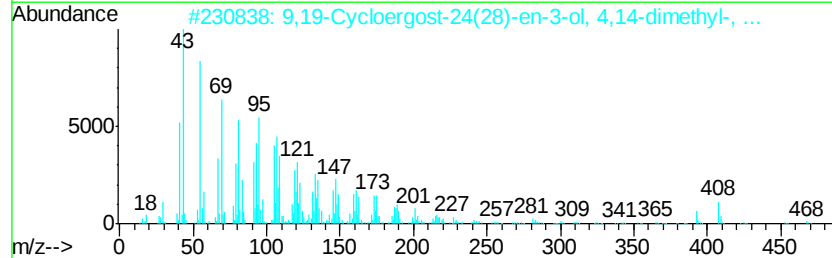
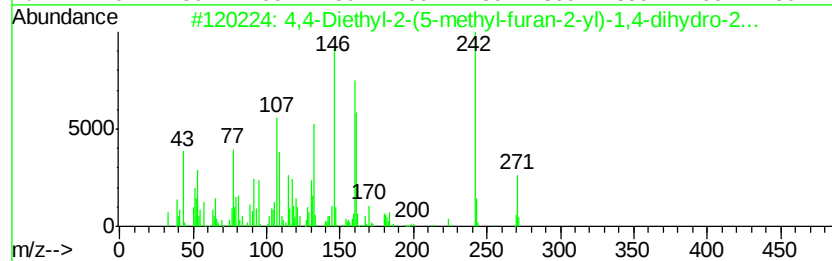
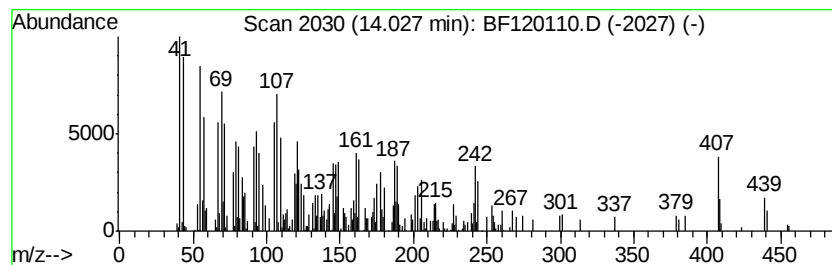
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	20.10 ng	1187400	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Diethyl-2-(5-methyl-furan-2-...	271	C17H21NO2	1000301-12-7	25
2		9,19-Cycloergost-24(28)-en-3-ol,...	468	C32H52O2	010376-42-8	18
3		1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	11
4		Erythrinan-16-ol, 1,6-didehydro-...	301	C18H23NO3	007236-36-4	11
5		1,4-Diamino-2,5-diformyl-3a,6a(3...	242	C12H10N4O2	1000327-00-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

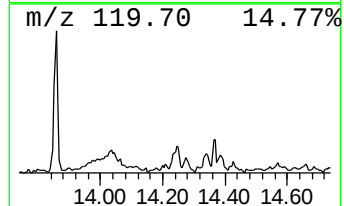
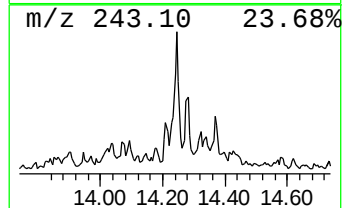
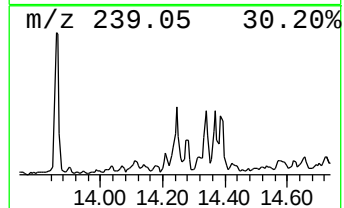
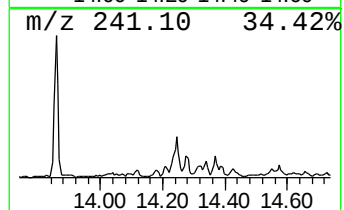
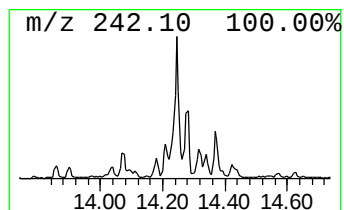
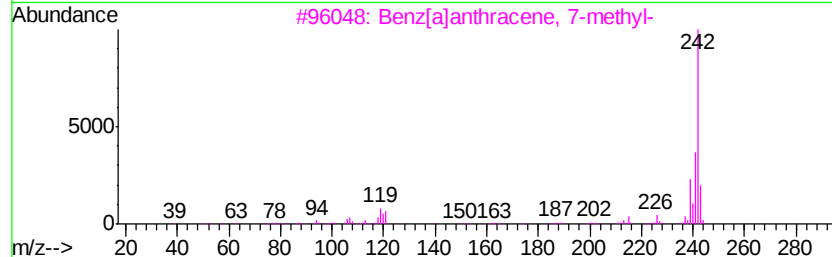
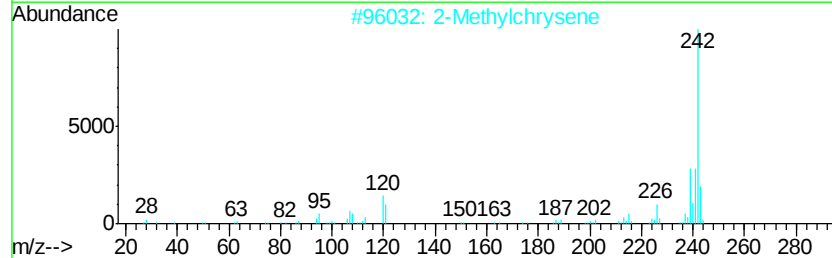
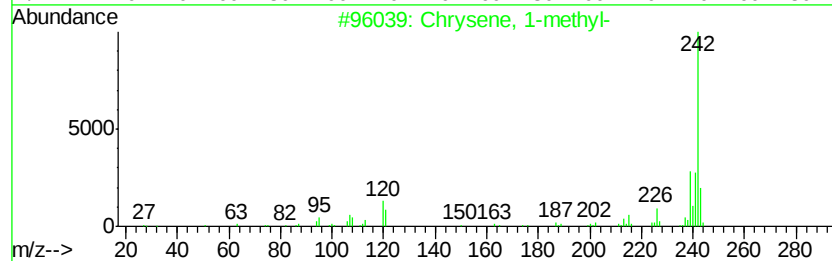
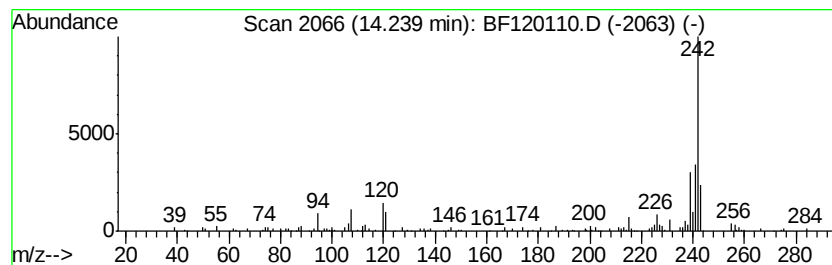
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Chrysene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.87 ng	169670	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2			2-Methylchrysene	242	C19H14	003351-32-4	95
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5			1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120110.D
Acq On : 21 Apr 2020 18:52
Operator : MA/SJ
Sample : L2342-19 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

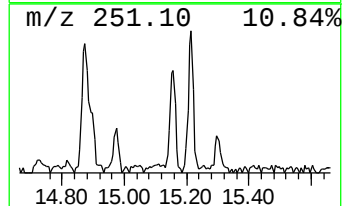
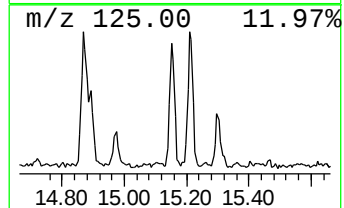
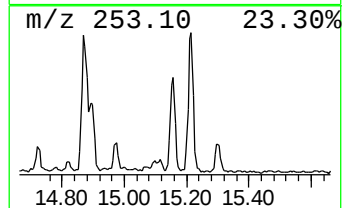
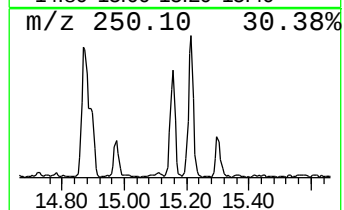
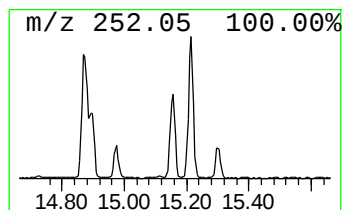
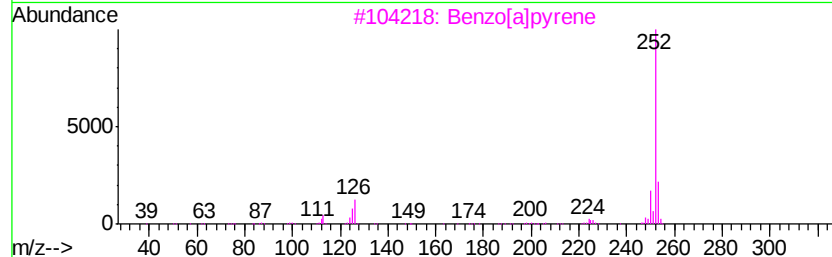
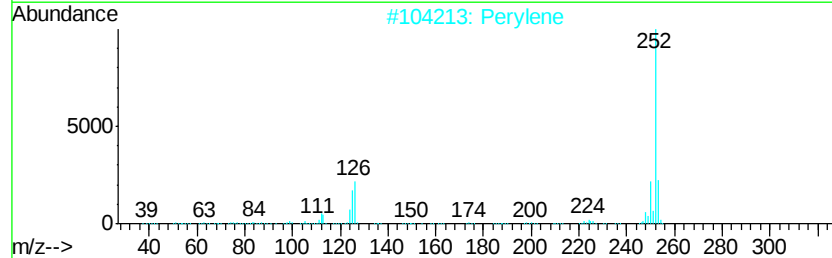
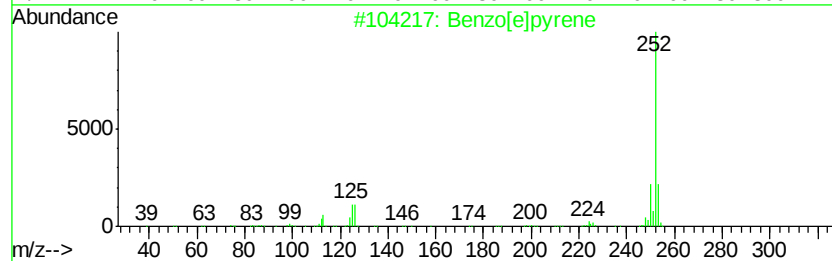
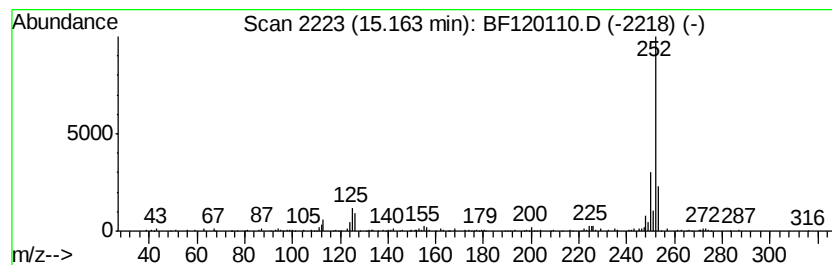
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.59 ng	271206	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120110.D
 Acq On : 21 Apr 2020 18:52
 Operator : MA/SJ
 Sample : L2342-19 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

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
Naphthalene, 1,5-...	9.32	3.5 ng		193328	3	9.73	1094950	20.0
Naphthalene, 2,6-...	9.39	4.7 ng		254672	3	9.73	1094950	20.0
9H-Fluorene, 2-me...	10.83	2.9 ng		142298	4	11.22	980782	20.0
Naphtho[2,1-b]thi...	11.12	3.3 ng		162581	4	11.22	980782	20.0
Anthracene, 1-met...	11.72	5.4 ng		263864	4	11.22	980782	20.0
Phenanthrene, 2-m...	11.75	6.3 ng		309600	4	11.22	980782	20.0
4H-Cyclopenta[def...	11.83	9.9 ng		483713	4	11.22	980782	20.0
1H-Cyclopropa[l]p...	11.85	3.4 ng		165226	4	11.22	980782	20.0
9,10-Dimethylanthe...	12.27	4.3 ng		212746	4	11.22	980782	20.0
unknown12.31	12.31	3.2 ng		156940	4	11.22	980782	20.0
Phenanthrene, 3,6...	12.36	2.8 ng		137030	4	11.22	980782	20.0
Pyrene, 1-methyl-	12.88	2.7 ng		157496	5	13.86	1181280	20.0
11H-Benzo[b]fluorene	12.99	3.5 ng		203849	5	13.86	1181280	20.0
Fluoranthene, 2-m...	13.05	2.8 ng		166851	5	13.86	1181280	20.0
Pyrene, 4-methyl-	13.09	3.0 ng		176311	5	13.86	1181280	20.0
Benzo[c]phenanthrene	13.96	6.5 ng		382667	5	13.86	1181280	20.0
unknown14.03	14.03	20.1 ng		1187400	5	13.86	1181280	20.0
Chrysene, 1-methyl-	14.24	2.9 ng		169670	5	13.86	1181280	20.0
Benzo[e]pyrene	15.16	7.6 ng		271206	6	15.27	714255	20.0