

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118975.D
 Acq On : 20 Feb 2020 23:10
 Operator : CG/JU
 Sample : L1546-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(5)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	4.975	488	491	504	rVB	104362	146120	3.11%	0.250%
2	5.387	557	561	580	rBV	3733769	3641066	77.51%	6.226%
3	6.404	729	734	746	rBV	3396621	3667134	78.07%	6.270%
4	6.757	791	794	798	rBV	1325430	1087108	23.14%	1.859%
5	6.916	817	821	824	rBV	3668935	3236897	68.91%	5.535%
6	7.322	885	890	893	rBV	2620065	2430047	51.73%	4.155%
7	8.040	1008	1012	1015	rBV	1677559	1416858	30.16%	2.423%
8	8.751	1127	1133	1137	rVB2	132378	117783	2.51%	0.201%
9	8.851	1146	1150	1153	rBV	165468	145358	3.09%	0.249%
10	9.116	1190	1195	1198	rBV	5424107	4697293	100.00%	8.032%
11	9.381	1235	1240	1243	rVV	241316	311002	6.62%	0.532%
12	9.451	1248	1252	1254	rBV	492806	461142	9.82%	0.789%
13	9.475	1254	1256	1259	rVB	298613	224485	4.78%	0.384%
14	9.504	1259	1261	1267	rVB	320181	285988	6.09%	0.489%
15	9.569	1267	1272	1273	rBV2	217037	228783	4.87%	0.391%
16	9.651	1280	1286	1290	rBV	273408	255862	5.45%	0.437%
17	9.792	1303	1310	1313	rBV	1735333	1679530	35.76%	2.872%
18	9.822	1313	1315	1319	rVB2	101369	98246	2.09%	0.168%
19	9.892	1324	1327	1332	rBV2	137977	197202	4.20%	0.337%
20	9.992	1338	1344	1347	rVV	274834	290430	6.18%	0.497%
21	10.034	1347	1351	1354	rVB	309020	251570	5.36%	0.430%
22	10.104	1359	1363	1366	rBV	265578	278344	5.93%	0.476%
23	10.134	1366	1368	1371	rVB	179310	137946	2.94%	0.236%
24	10.198	1373	1379	1380	rBV	176435	238761	5.08%	0.408%
25	10.216	1380	1382	1385	rVB	130783	102642	2.19%	0.176%
26	10.334	1399	1402	1408	rVB3	259775	305144	6.50%	0.522%
27	10.398	1408	1413	1415	rBV2	109834	141562	3.01%	0.242%
28	10.451	1419	1422	1426	rVV4	83243	99934	2.13%	0.171%
29	10.492	1426	1429	1435	rVB4	118991	162078	3.45%	0.277%
30	10.575	1439	1443	1447	rVV	2810800	2829695	60.24%	4.838%
31	10.704	1461	1465	1470	rVB2	153478	169092	3.60%	0.289%
32	10.881	1490	1495	1498	rBV3	201543	273923	5.83%	0.468%
33	10.910	1498	1500	1503	rVV	215067	181293	3.86%	0.310%
34	10.963	1507	1509	1512	rVB2	130718	126934	2.70%	0.217%

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35	11.081	1526	1529	1532	rVB3	134089	124881	2.66%	0.214%
36	11.169	1541	1544	1549	rVB	163846	185499	3.95%	0.317%
37	11.269	1558	1561	1563	rBV	1441562	1361300	28.98%	2.328%
38	11.298	1563	1566	1569	rVV	1469221	1335841	28.44%	2.284%
39	11.345	1571	1574	1577	rVB	270394	222988	4.75%	0.381%
40	11.381	1577	1580	1583	rBV2	131850	166139	3.54%	0.284%
41	11.451	1590	1592	1595	rVB	123188	98293	2.09%	0.168%
42	11.604	1614	1618	1623	rVB2	312427	310925	6.62%	0.532%
43	11.686	1629	1632	1636	rVB	171411	191280	4.07%	0.327%
44	11.728	1636	1639	1642	rBV	118199	116375	2.48%	0.199%
45	11.775	1643	1647	1649	rVV	851895	779085	16.59%	1.332%
46	11.804	1649	1652	1656	rVV	1202195	1107732	23.58%	1.894%
47	11.845	1656	1659	1662	rVV	219969	201304	4.29%	0.344%
48	11.880	1662	1665	1668	rVV	871765	964481	20.53%	1.649%
49	11.904	1668	1669	1675	rVB	665017	559291	11.91%	0.956%
50	12.004	1684	1686	1689	rVB	155094	130350	2.78%	0.223%
51	12.069	1689	1697	1699	rBV	322312	392632	8.36%	0.671%
52	12.098	1699	1702	1707	rVB2	228159	291012	6.20%	0.498%
53	12.198	1717	1719	1720	rBV	136704	106422	2.27%	0.182%
54	12.216	1720	1722	1725	rVV	189455	167097	3.56%	0.286%
55	12.251	1725	1728	1730	rVV	197320	185910	3.96%	0.318%
56	12.275	1730	1732	1734	rVB	167799	134257	2.86%	0.230%
57	12.322	1734	1740	1743	rBV	736724	781667	16.64%	1.337%
58	12.357	1743	1746	1748	rVV2	304212	384401	8.18%	0.657%
59	12.380	1748	1750	1752	rVB	231347	168060	3.58%	0.287%
60	12.410	1752	1755	1759	rBV2	293442	399689	8.51%	0.683%
61	12.480	1762	1767	1771	rBV	1068268	965637	20.56%	1.651%
62	12.527	1772	1775	1777	rBV	149881	145870	3.11%	0.249%
63	12.545	1777	1778	1781	rVB2	171753	124966	2.66%	0.214%
64	12.586	1781	1785	1787	rBV2	129691	143765	3.06%	0.246%
65	12.710	1801	1806	1809	rBV	1525305	1428968	30.42%	2.443%
66	12.769	1812	1816	1820	rVB3	198891	233241	4.97%	0.399%
67	12.857	1827	1831	1834	rBV	3804330	3634636	77.38%	6.215%
68	12.927	1840	1843	1850	rBV4	318094	507727	10.81%	0.868%
69	12.986	1850	1853	1855	rVV2	135332	123314	2.63%	0.211%
70	13.016	1855	1858	1860	rVV3	251601	311545	6.63%	0.533%
71	13.039	1860	1862	1865	rVB	349178	301642	6.42%	0.516%

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72	13.086	1865	1870	1871	rBV2	104490	122270	2.60%	0.209%
73	13.104	1871	1873	1876	rVV	161093	146799	3.13%	0.251%
74	13.145	1876	1880	1884	rVV	372777	368138	7.84%	0.629%
75	13.233	1892	1895	1898	rBV	360912	309691	6.59%	0.530%
76	13.263	1898	1900	1904	rVB	359522	334137	7.11%	0.571%
77	13.351	1912	1915	1918	rVB2	85456	105301	2.24%	0.180%
78	13.439	1927	1930	1932	rBV3	67779	91887	1.96%	0.157%
79	13.545	1946	1948	1953	rVB	211412	234756	5.00%	0.401%
80	13.657	1962	1967	1970	rBV4	207161	360031	7.66%	0.616%
81	13.751	1980	1983	1988	rVB2	414467	468297	9.97%	0.801%
82	13.904	2004	2009	2012	rBV2	1503439	1853821	39.47%	3.170%
83	13.927	2012	2013	2017	rVB	532804	436527	9.29%	0.746%
84	13.992	2022	2024	2029	rBV2	95878	120397	2.56%	0.206%
85	14.074	2032	2038	2044	rVB6	173526	320998	6.83%	0.549%
86	14.221	2060	2063	2066	rBV3	83790	102457	2.18%	0.175%
87	14.257	2066	2069	2071	rBV	96181	95987	2.04%	0.164%
88	14.292	2071	2075	2078	rVV	357915	342948	7.30%	0.586%
89	14.327	2078	2081	2084	rVB	204148	175385	3.73%	0.300%
90	14.386	2085	2091	2094	rVB3	167760	276924	5.90%	0.474%
91	14.416	2094	2096	2098	rBV	201330	179348	3.82%	0.307%
92	14.674	2137	2140	2143	rBV2	172195	175109	3.73%	0.299%
93	14.927	2179	2183	2189	rBV	307597	499078	10.62%	0.853%
94	14.992	2192	2194	2198	rVB	116322	115316	2.45%	0.197%
95	15.216	2228	2232	2237	rVB	226565	282840	6.02%	0.484%
96	15.274	2238	2242	2247	rVV	326788	392868	8.36%	0.672%
97	15.333	2247	2252	2264	rVB	907258	1352760	28.80%	2.313%
98	15.763	2322	2325	2329	rVB	78745	98510	2.10%	0.168%
99	16.733	2486	2490	2496	rVB	118375	199155	4.24%	0.341%
100	17.151	2557	2561	2571	rVB	100386	215958	4.60%	0.369%

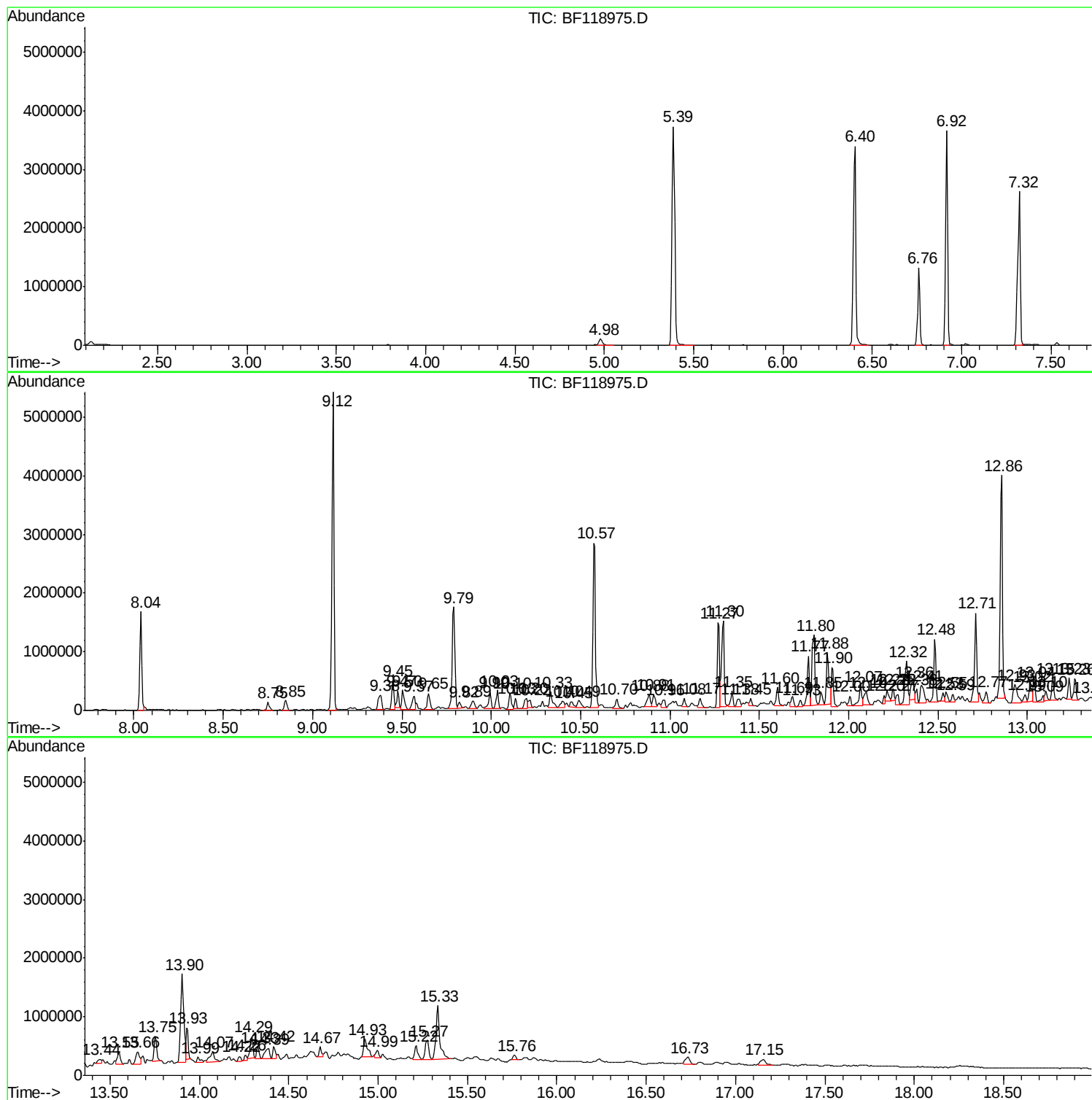
Sum of corrected areas: 58483167

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.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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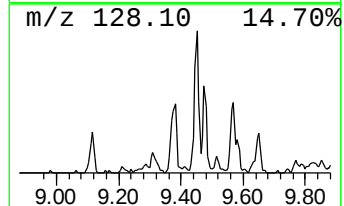
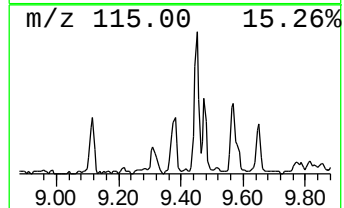
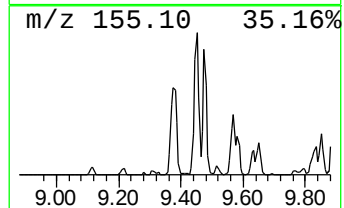
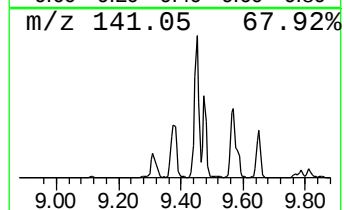
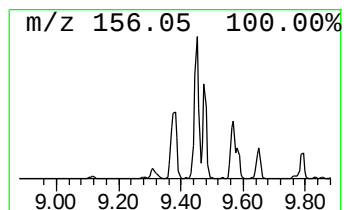
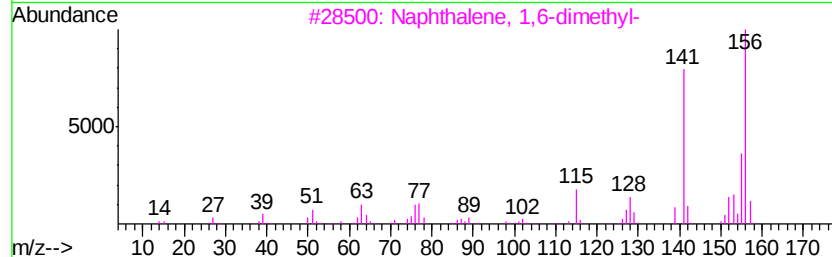
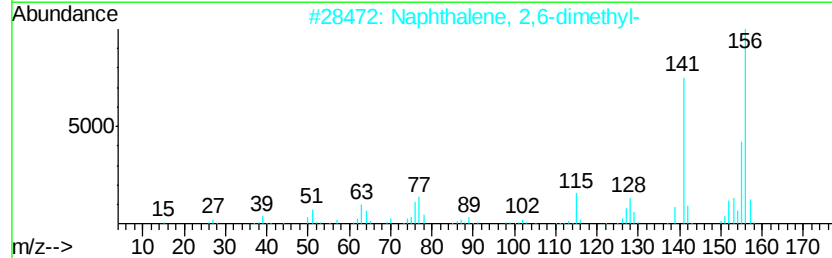
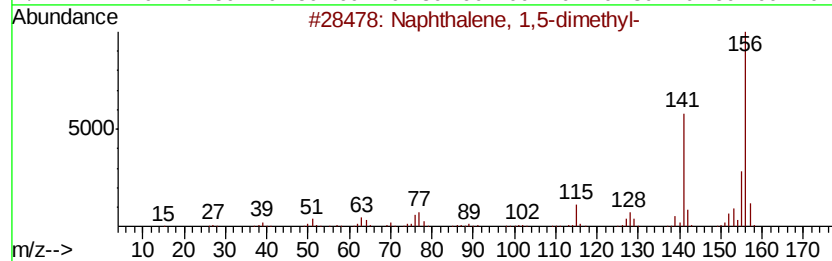
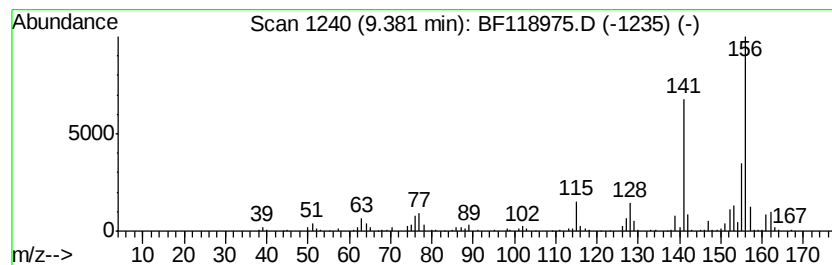
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.70 ng	311002	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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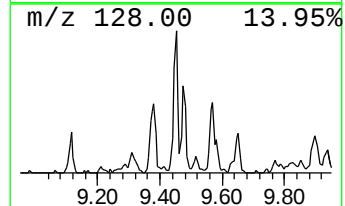
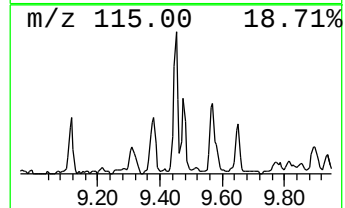
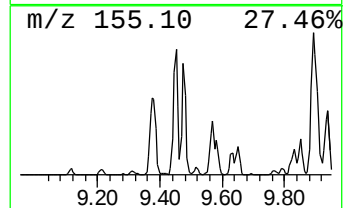
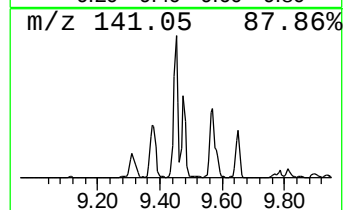
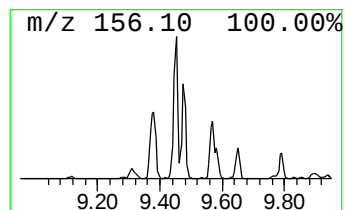
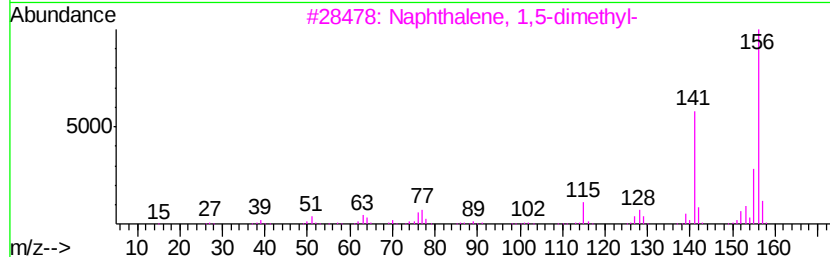
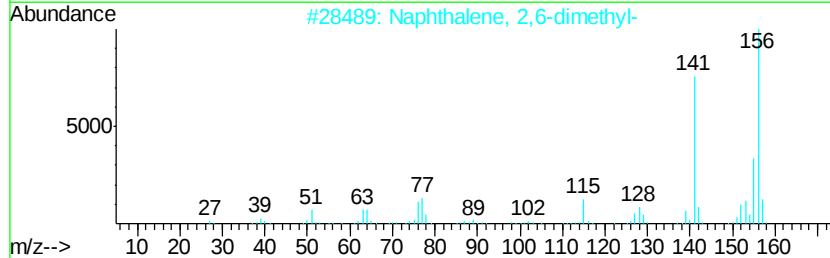
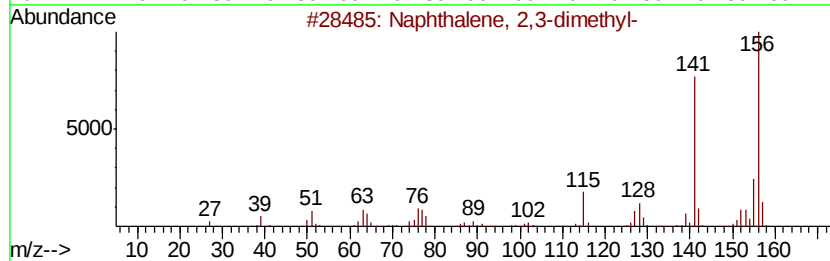
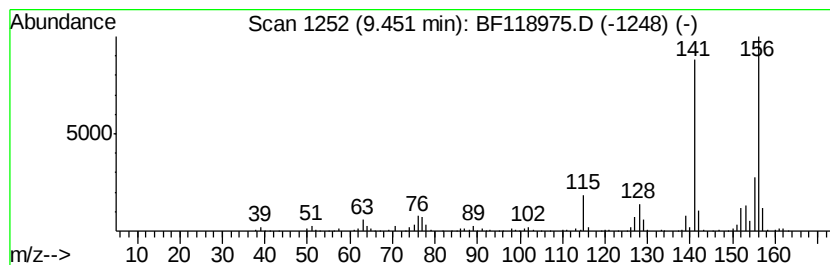
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.49 ng	461142	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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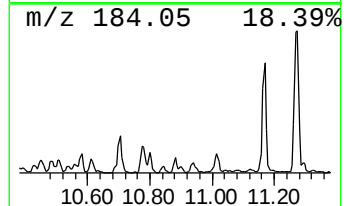
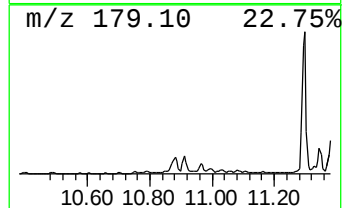
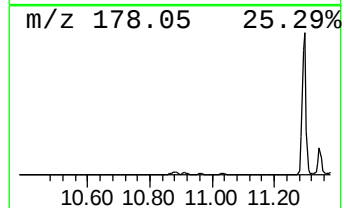
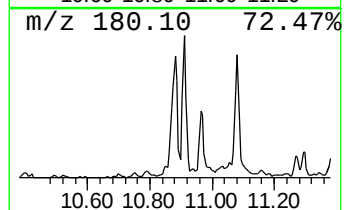
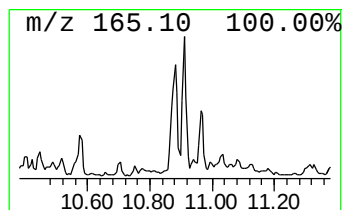
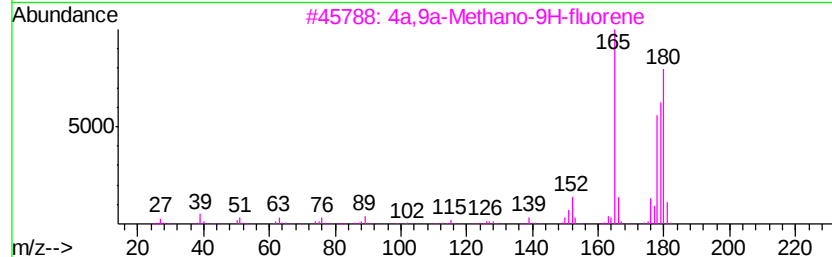
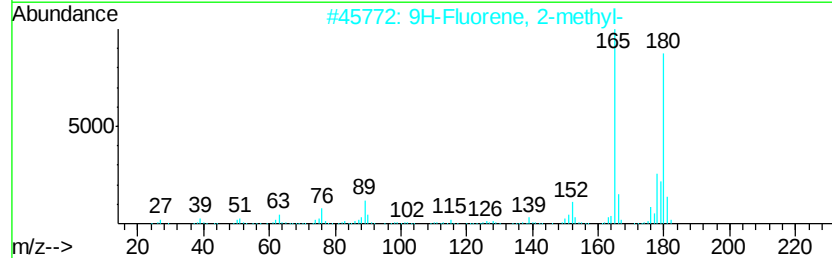
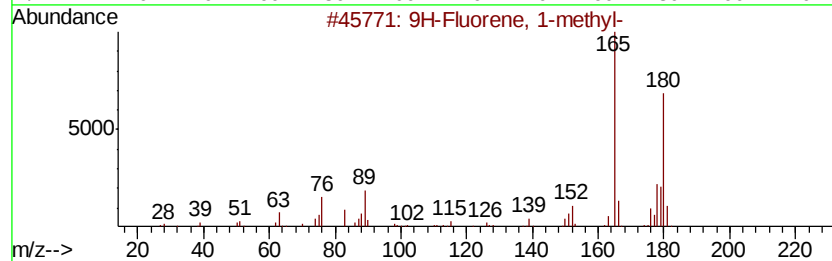
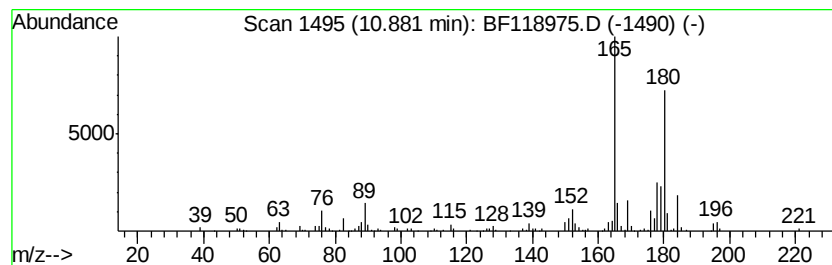
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.88	4.02 ng	273923	Phenanthrene-d10	11.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92	
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76	
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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Sample : L1546-09
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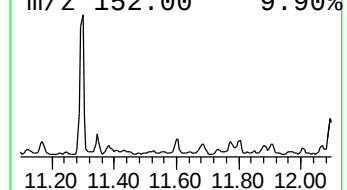
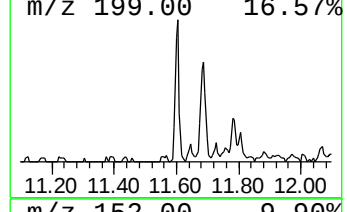
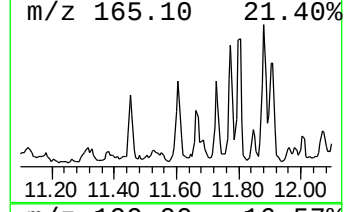
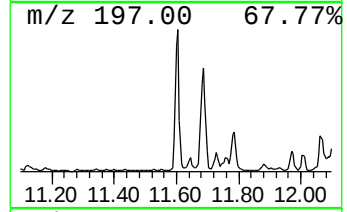
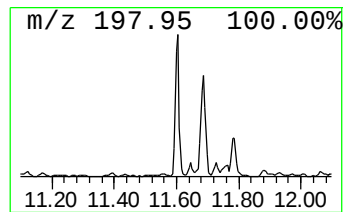
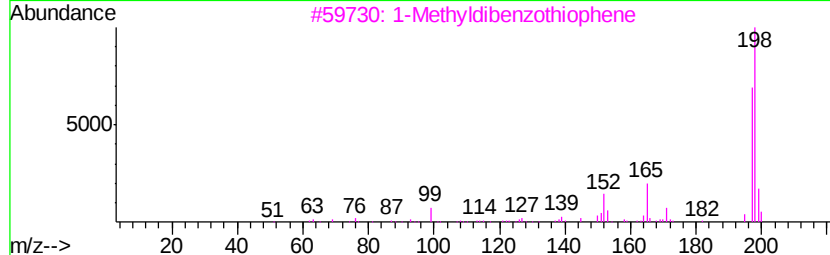
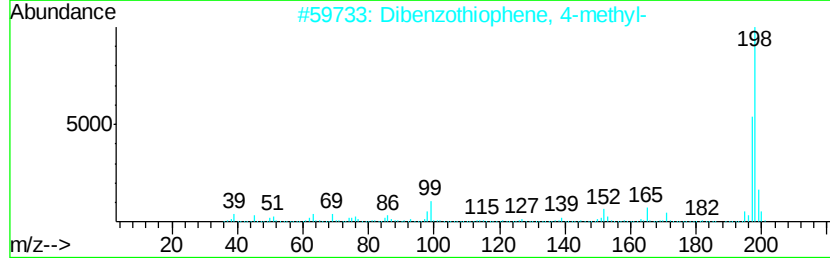
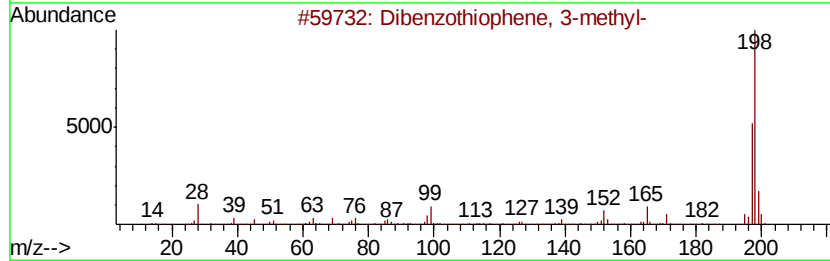
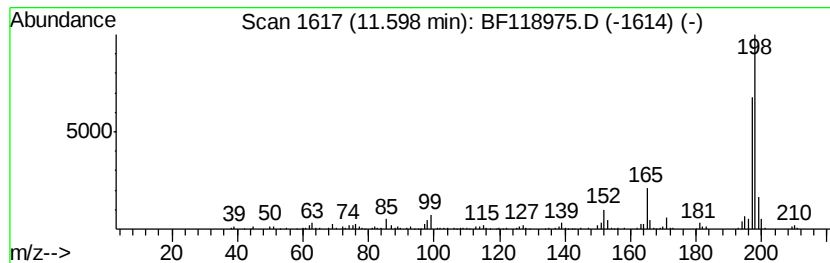
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.60	4.57 ng	310925	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
4	Tacrine	198	C13H14N2	000321-64-2	72
5	Thioxanthene	198	C13H10S	000261-31-4	60



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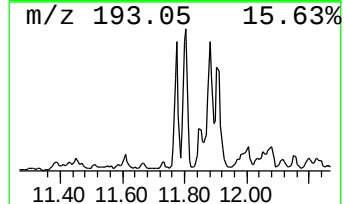
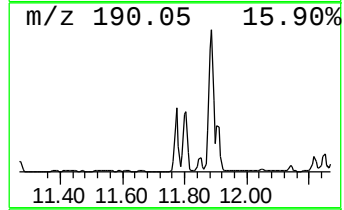
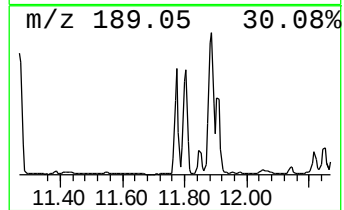
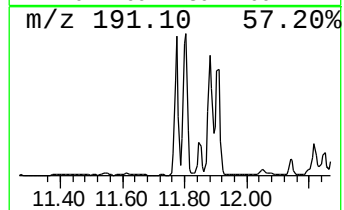
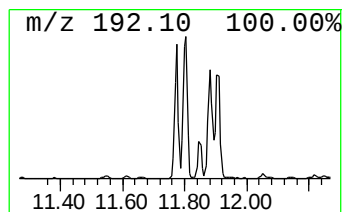
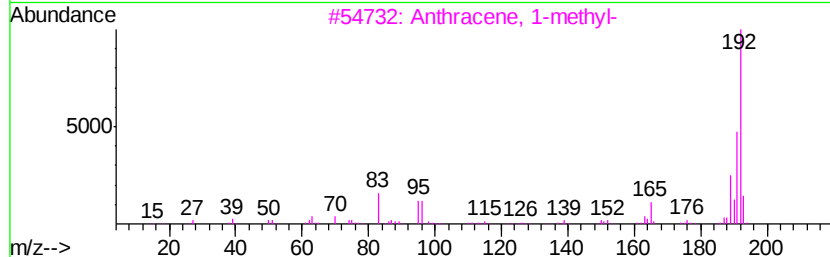
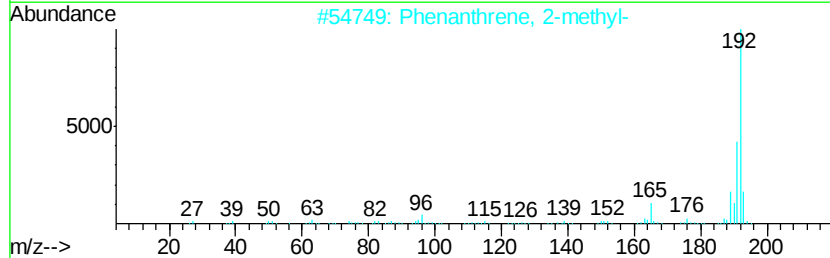
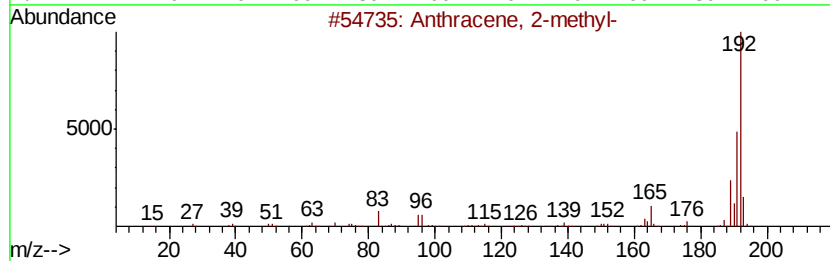
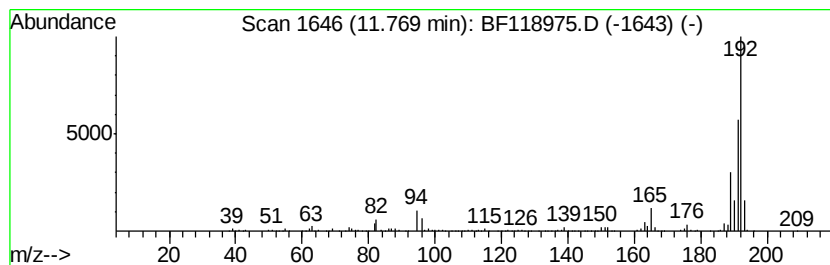
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.45 ng	779085	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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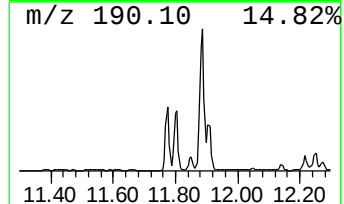
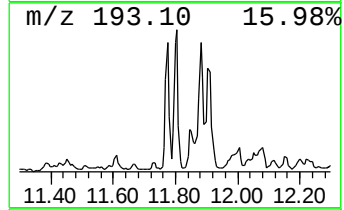
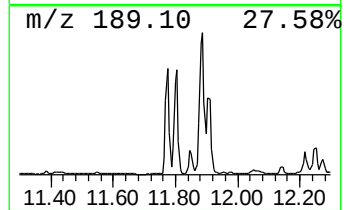
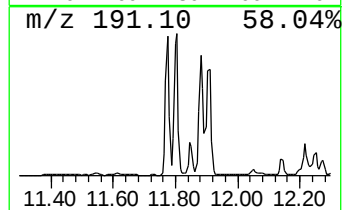
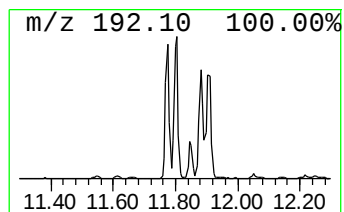
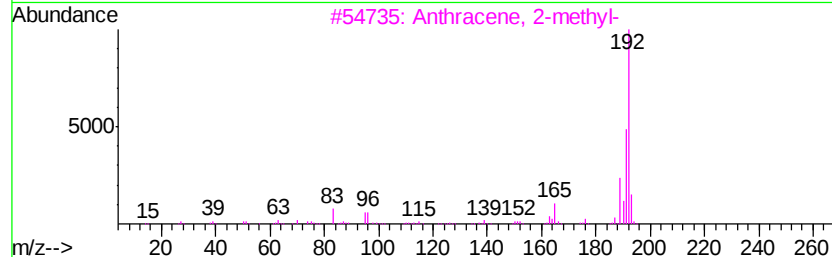
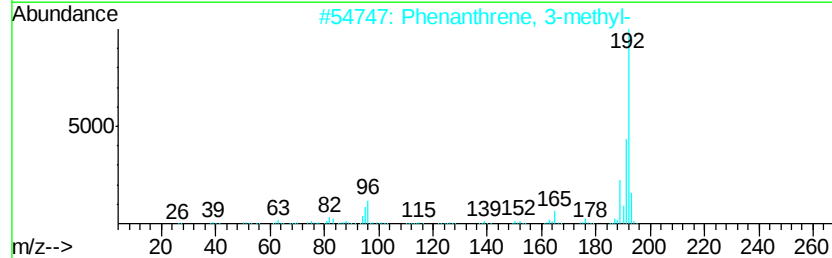
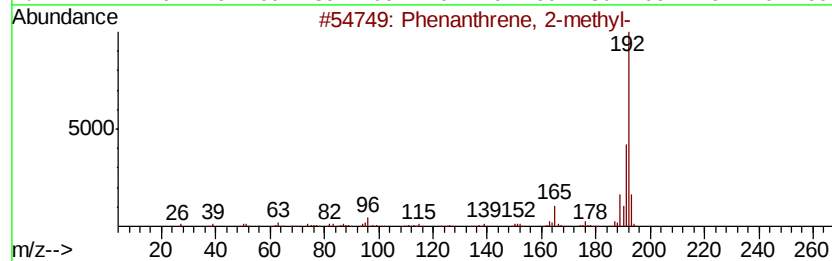
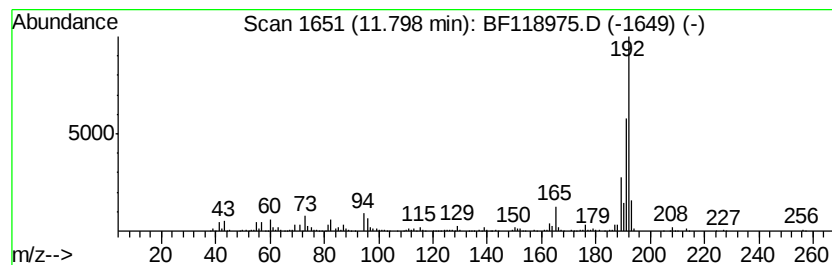
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	16.27 ng	1107730	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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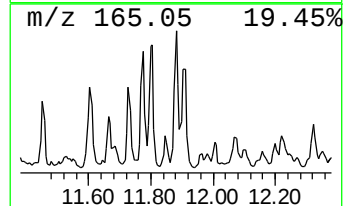
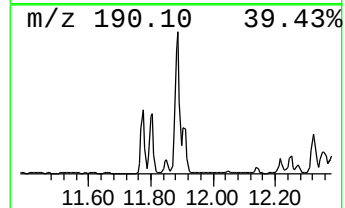
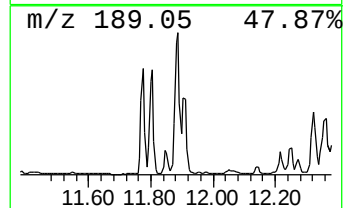
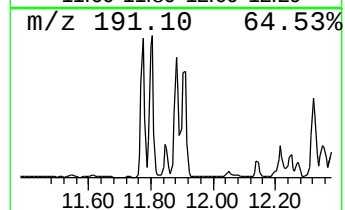
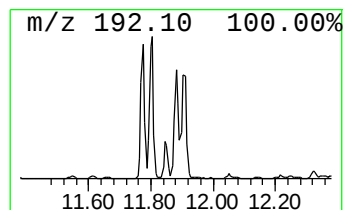
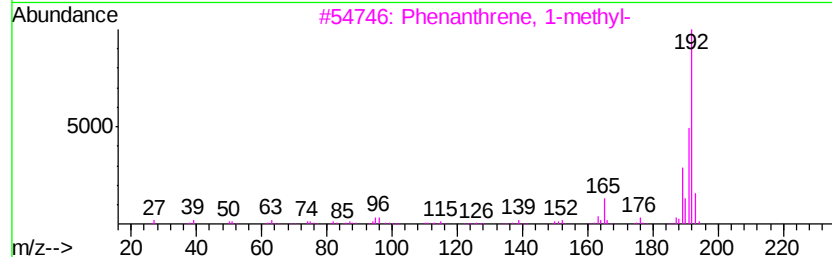
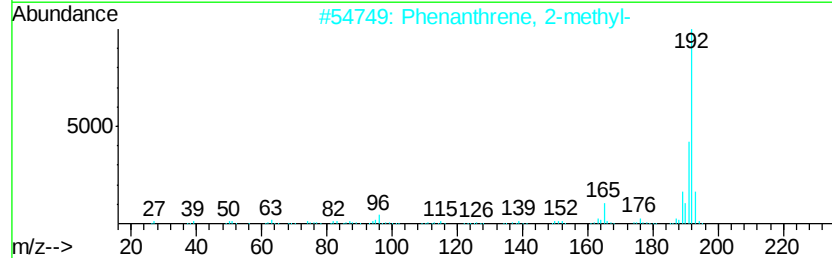
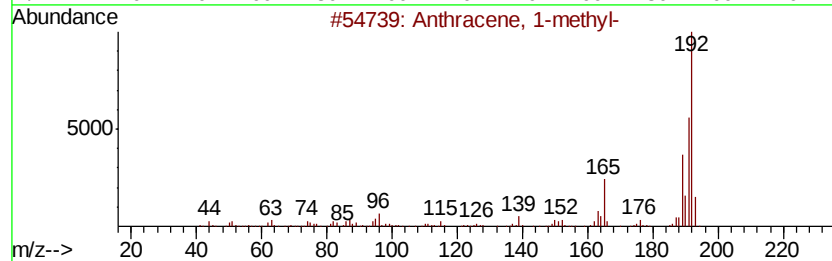
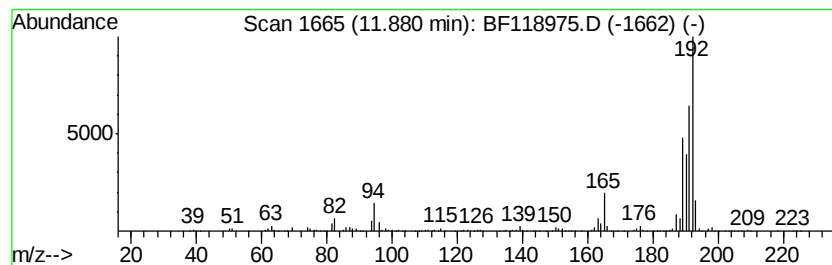
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	14.17 ng	964481	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60



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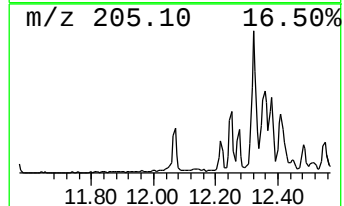
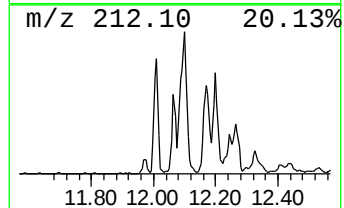
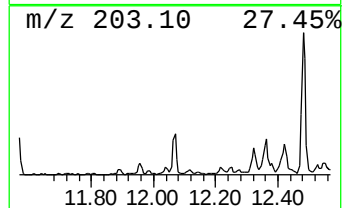
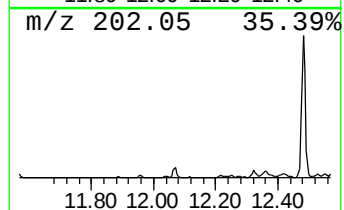
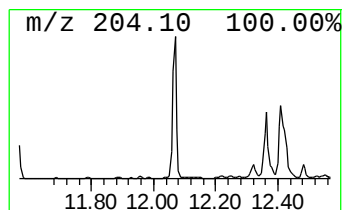
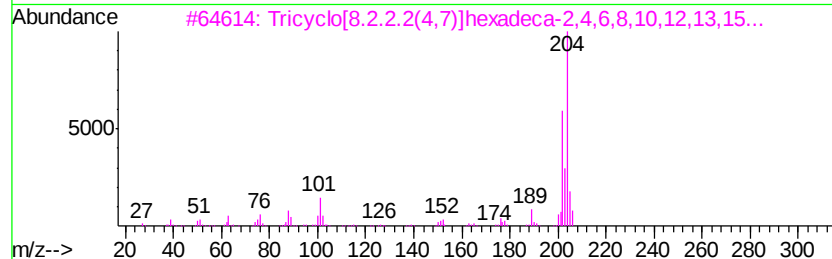
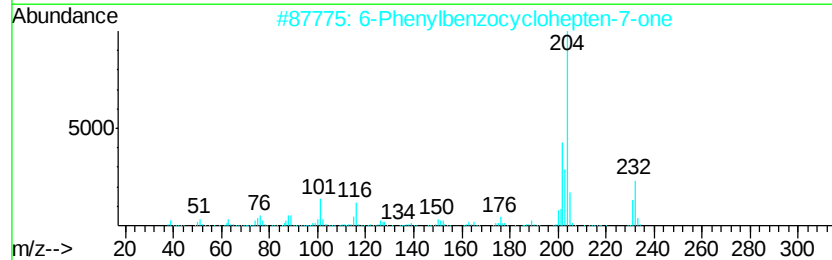
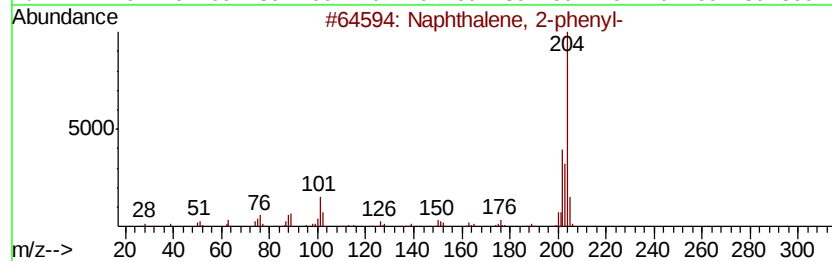
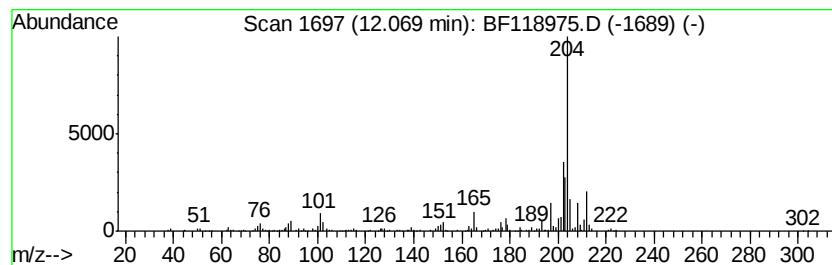
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.77 ng	392632	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	62
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47



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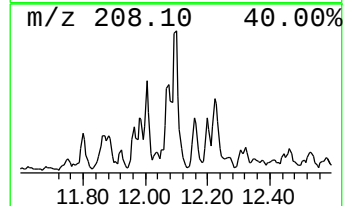
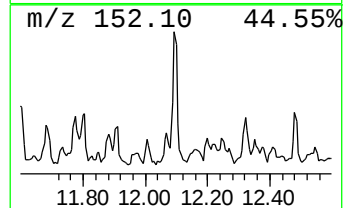
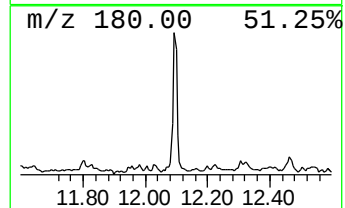
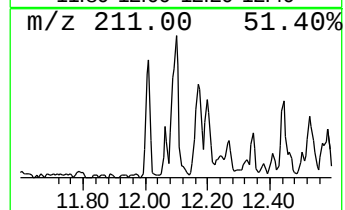
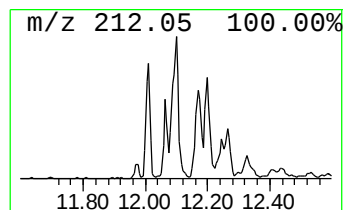
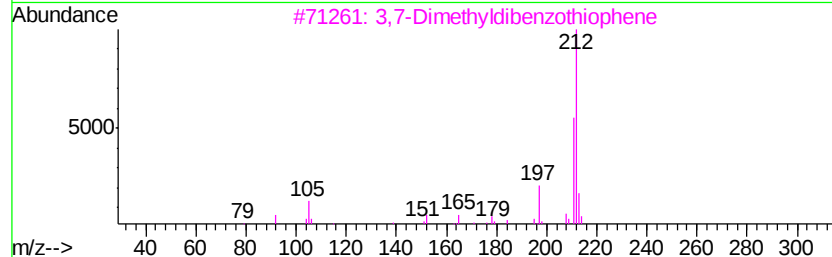
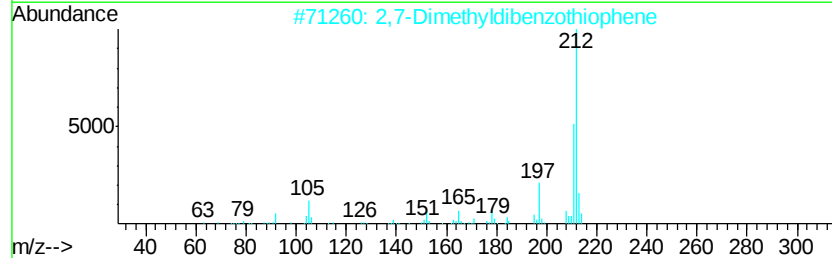
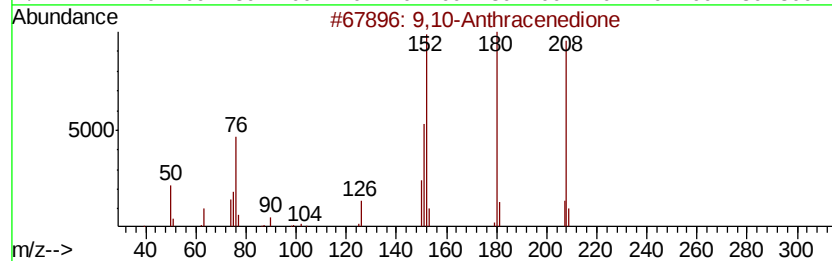
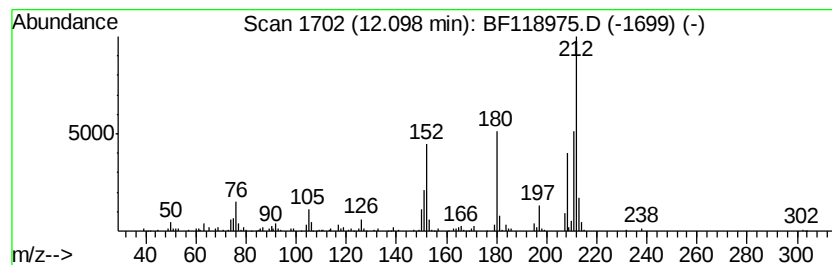
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.28 ng	291012	Phenanthrene-d10	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	66
2			2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	64
3			3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	43
4			2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	43
5			2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	42



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ALS Vial : 11 Sample Multiplier: 1

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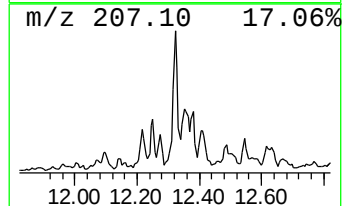
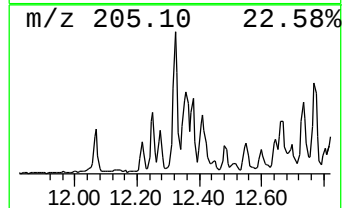
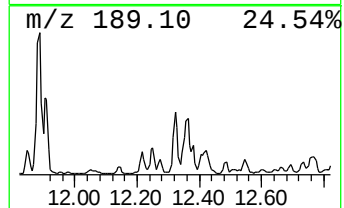
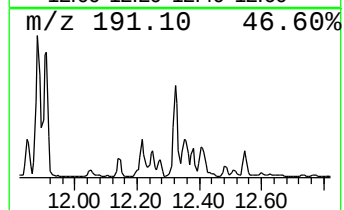
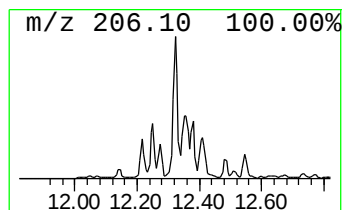
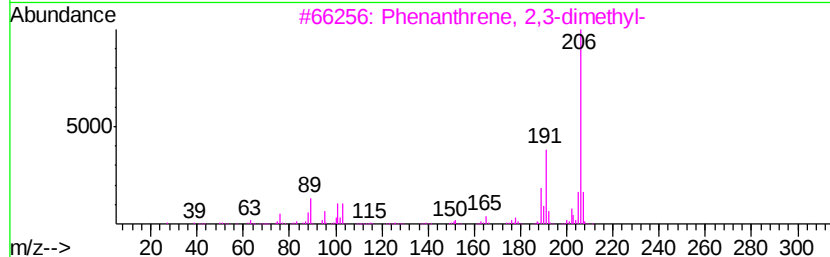
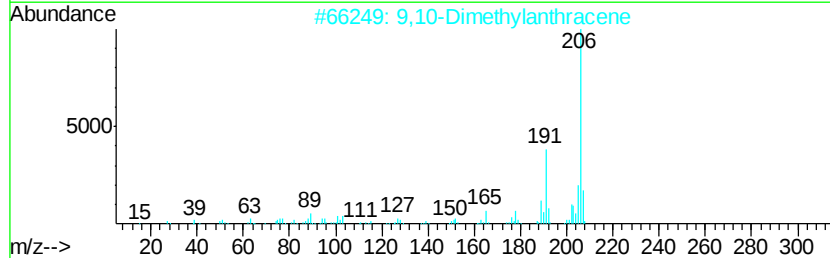
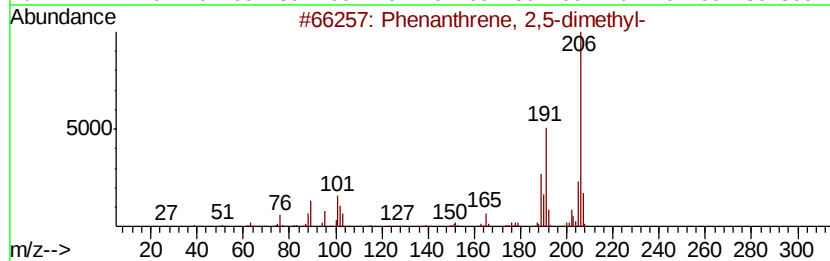
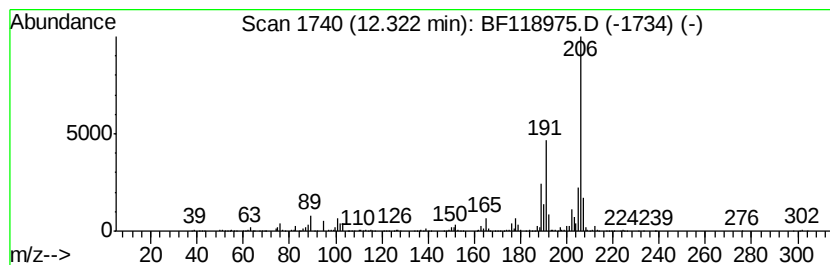
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	11.48 ng	781667	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118975.D
Acq On : 20 Feb 2020 23:10
Operator : CG/JU
Sample : L1546-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
INDIAN-ISLAND-(5)

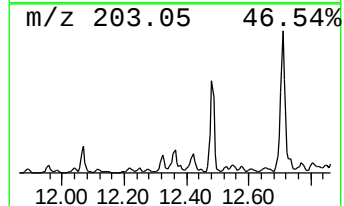
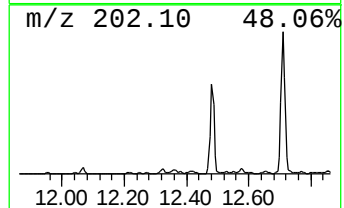
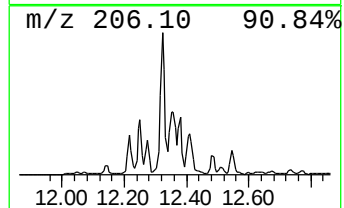
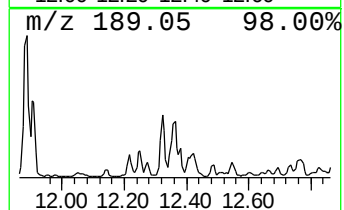
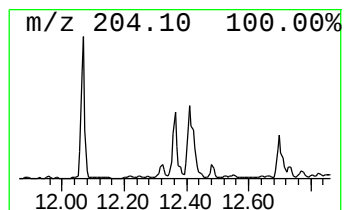
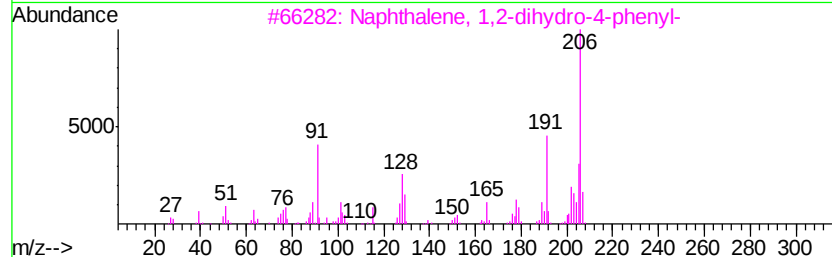
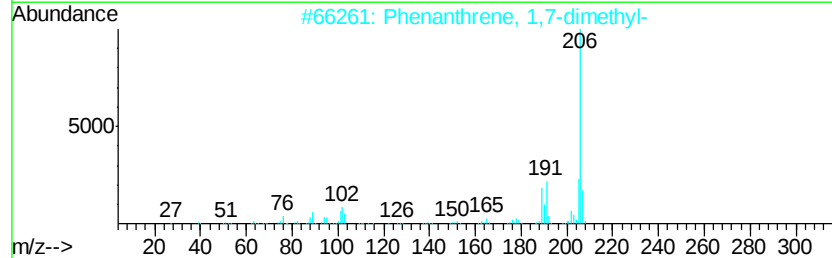
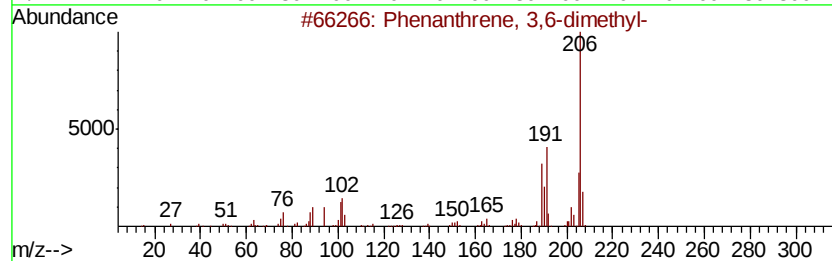
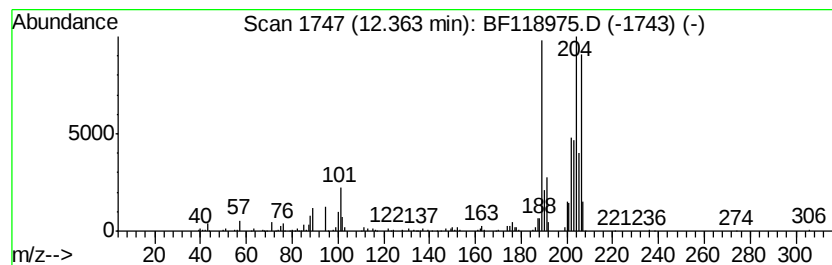
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.65 ng	384401	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	47
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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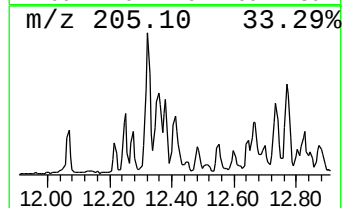
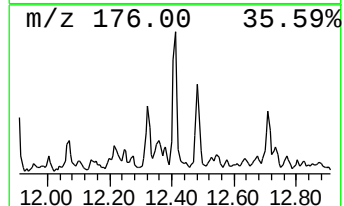
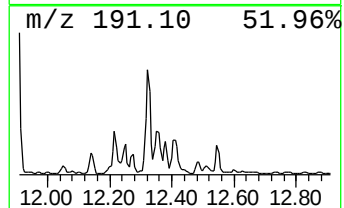
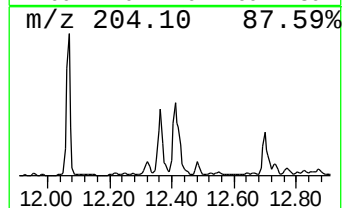
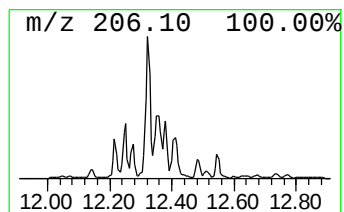
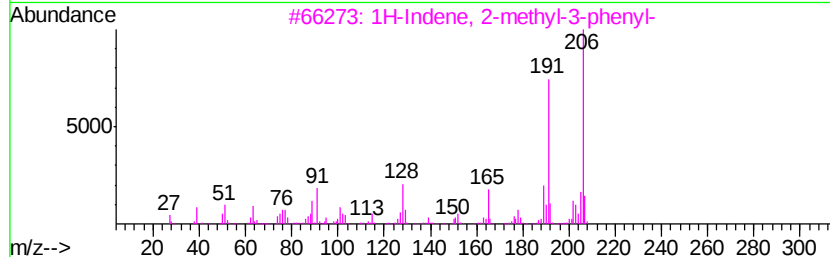
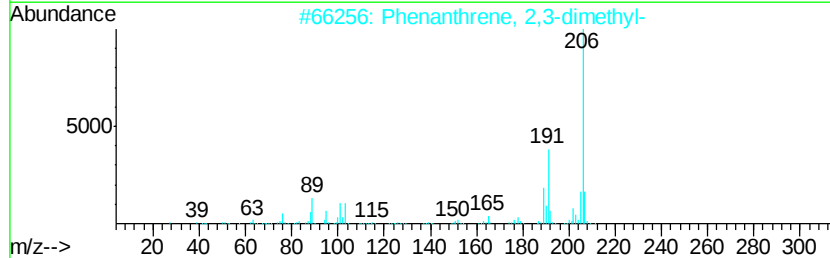
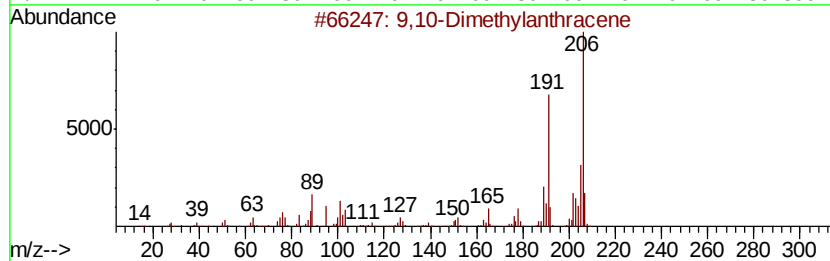
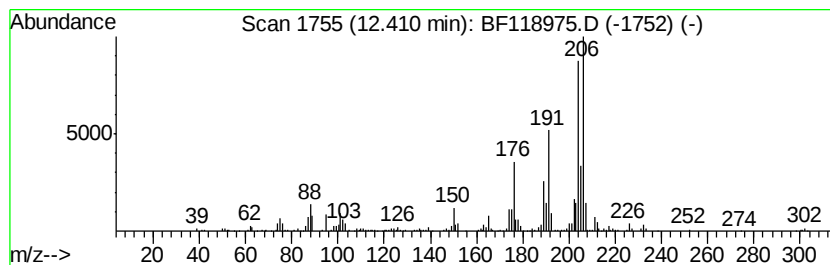
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.87 ng	399689	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	78
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	55
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53



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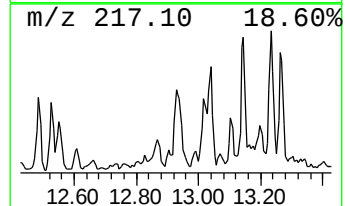
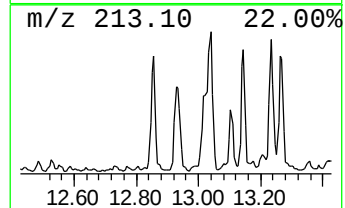
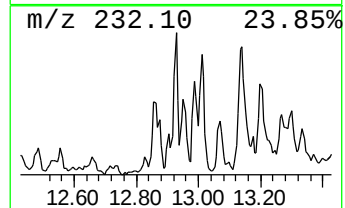
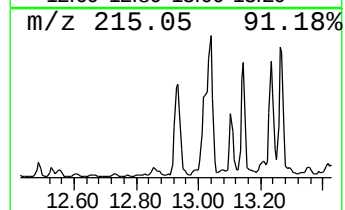
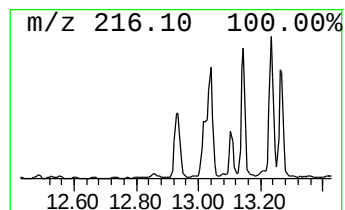
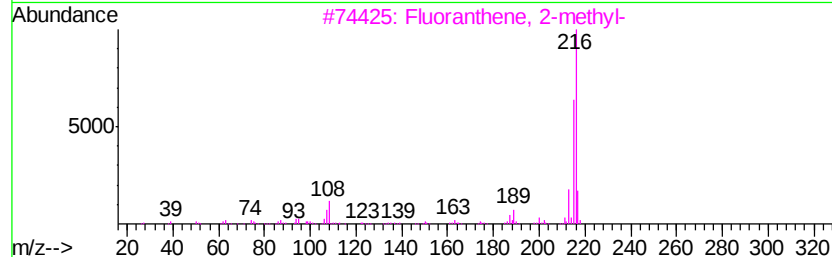
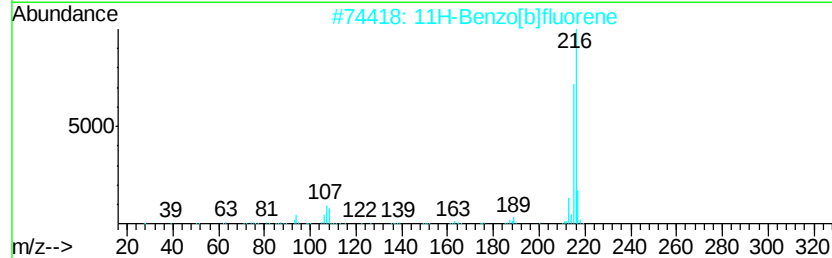
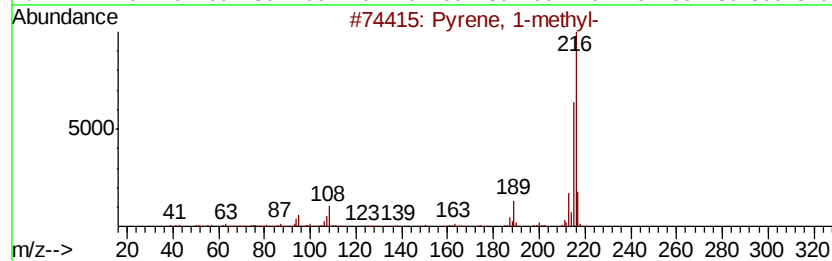
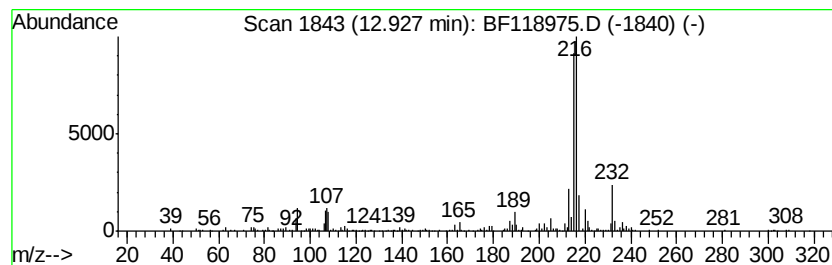
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	5.48 ng	507727	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 87
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 86
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 83
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 76



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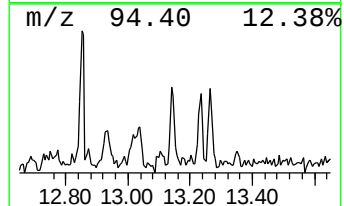
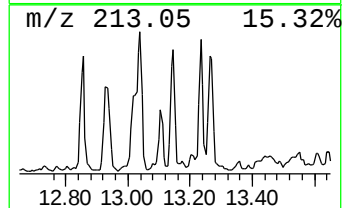
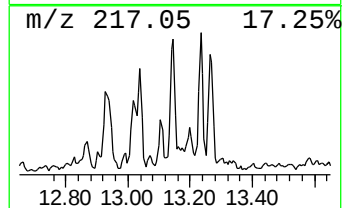
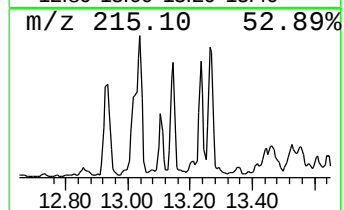
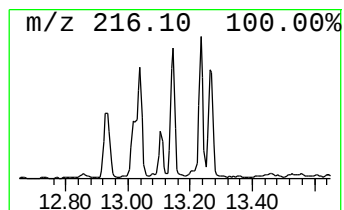
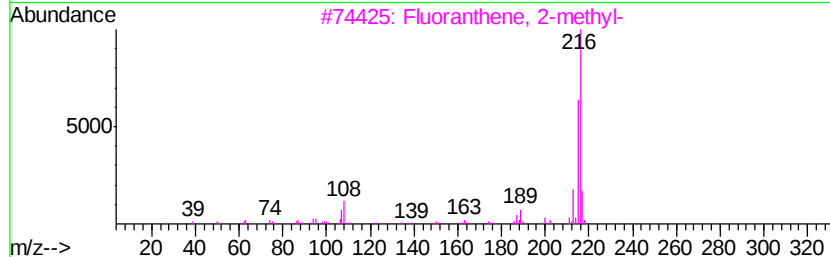
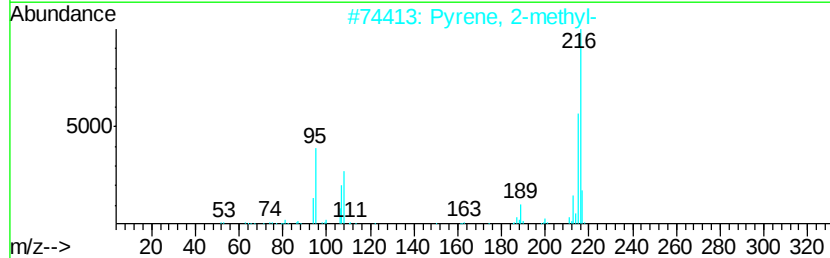
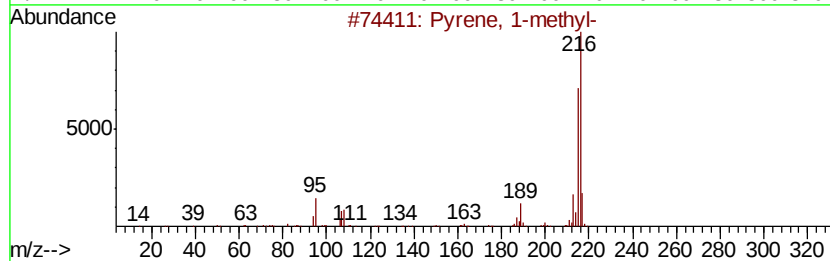
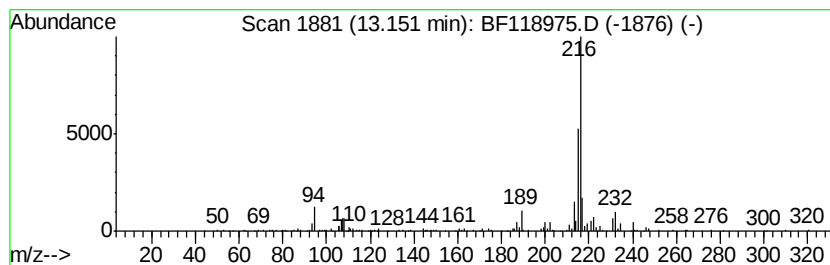
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.97 ng	368138	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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ClientSampleId :
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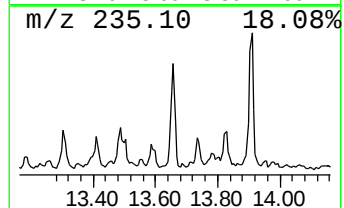
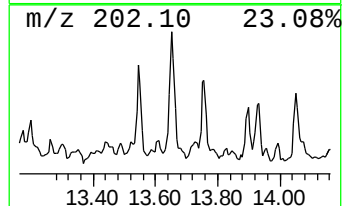
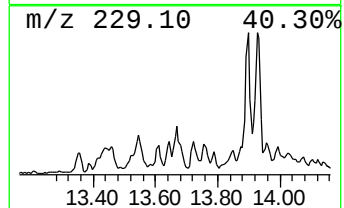
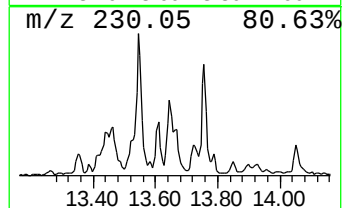
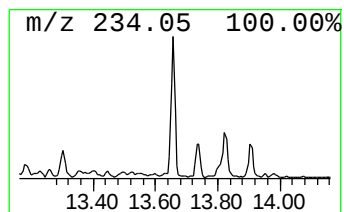
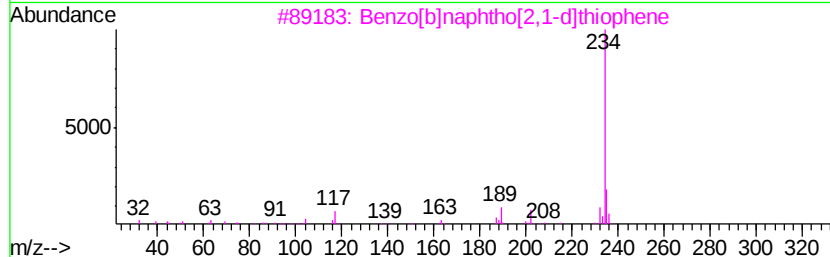
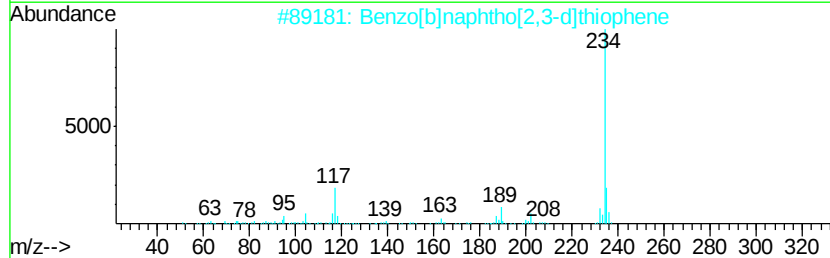
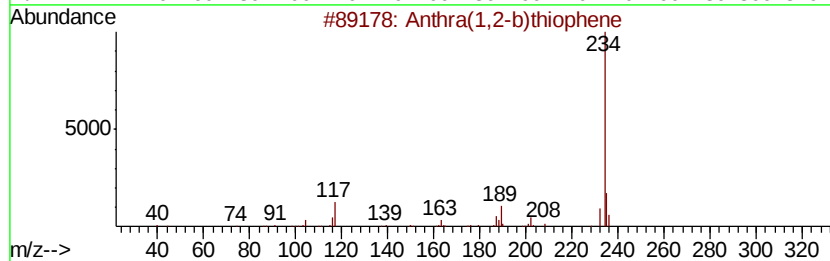
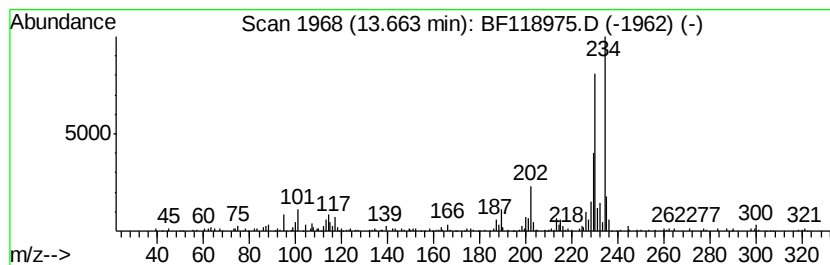
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthra(1,2-b)thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.88 ng	360031	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47



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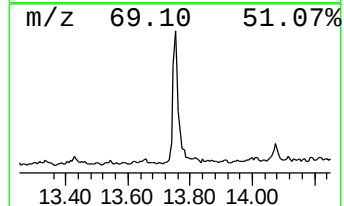
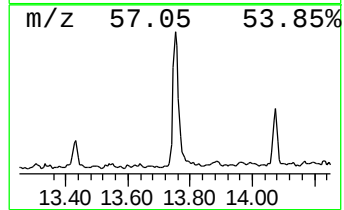
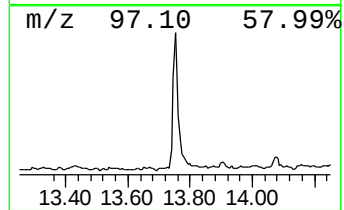
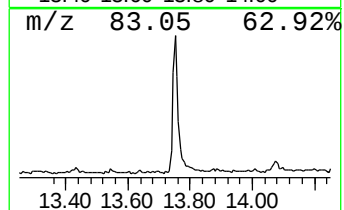
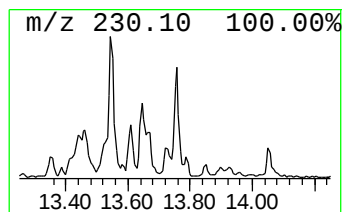
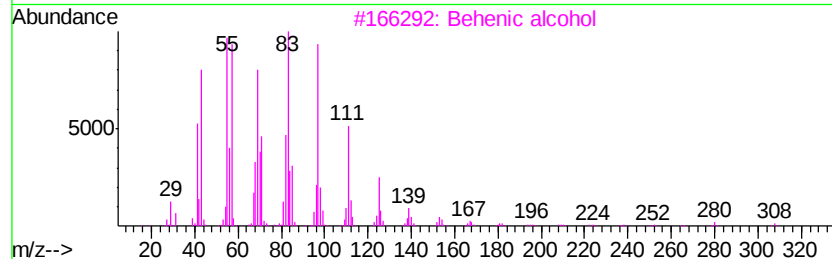
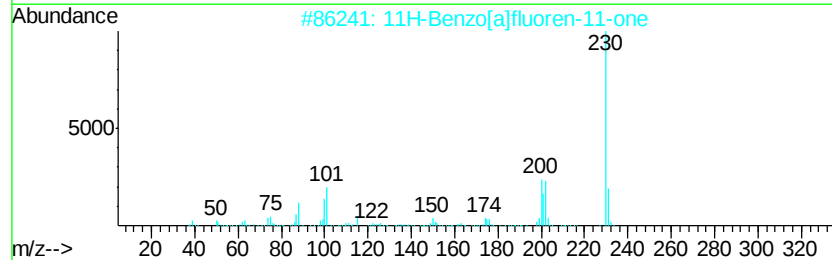
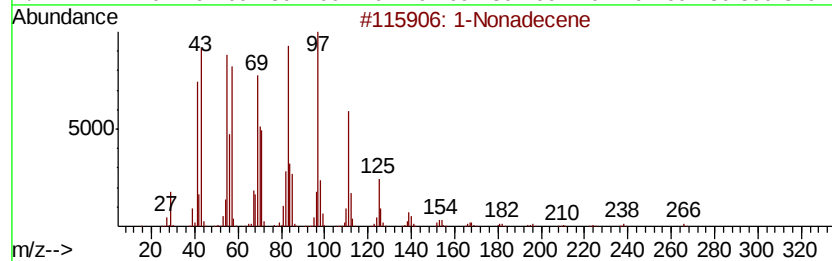
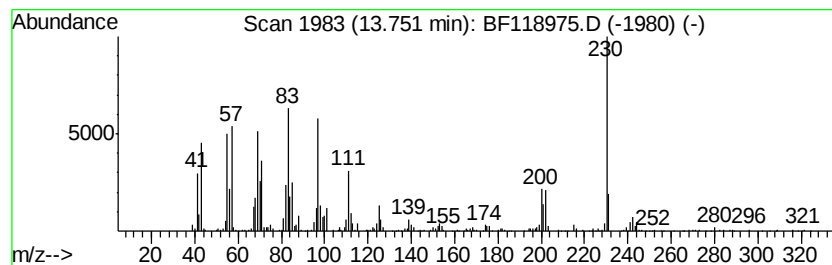
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.05 ng	468297	Chrysene-d12	13.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	93
2			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
3			Behenic alcohol	326	C22H46O	000661-19-8	81
4			1-Heptacosanol	396	C27H56O	002004-39-9	81
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	53



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INDIAN-ISLAND-(5)

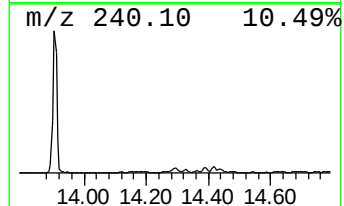
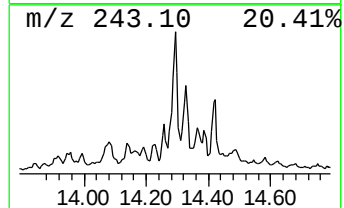
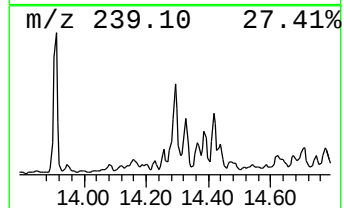
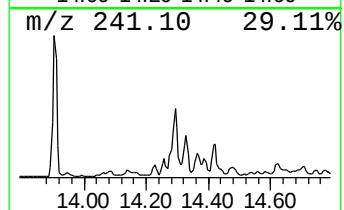
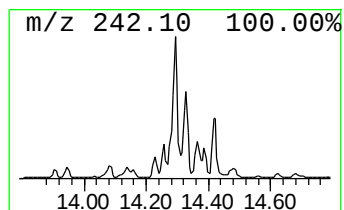
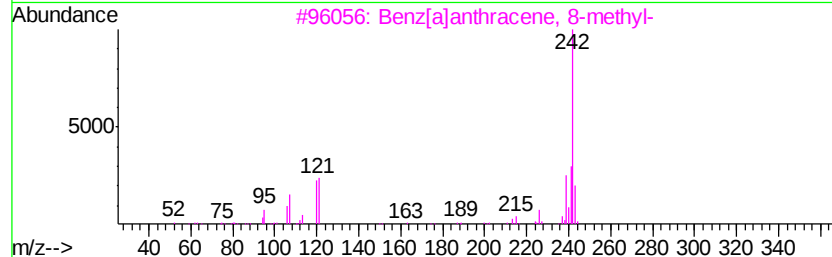
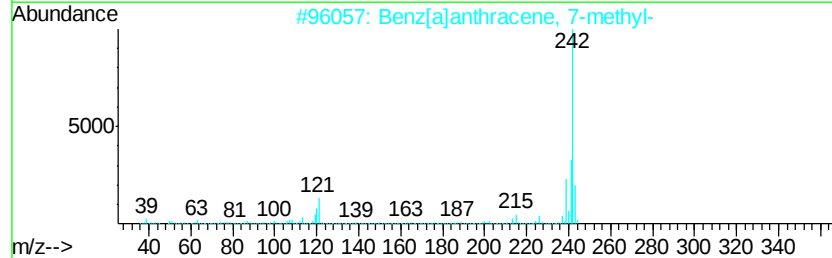
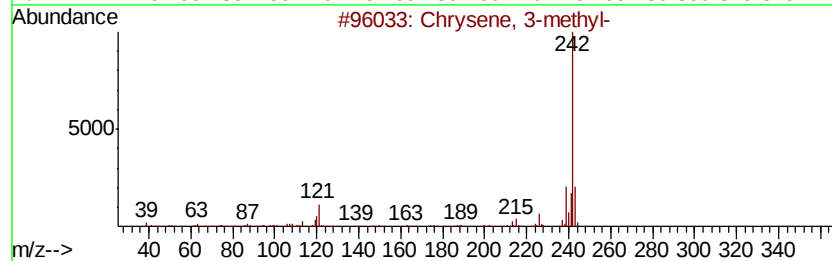
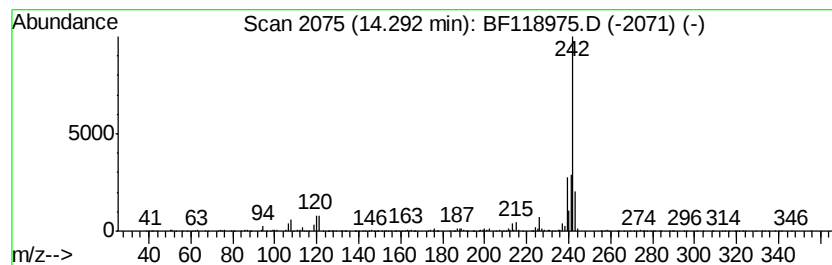
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Chrysene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.70 ng	342948	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	96
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118975.D
Acq On : 20 Feb 2020 23:10
Operator : CG/JU
Sample : L1546-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(5)

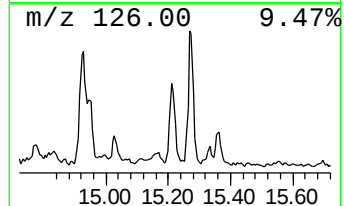
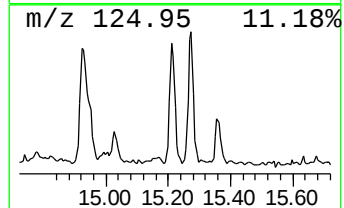
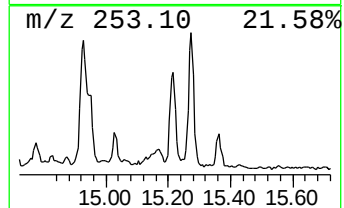
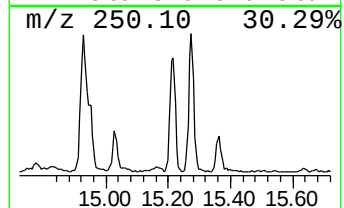
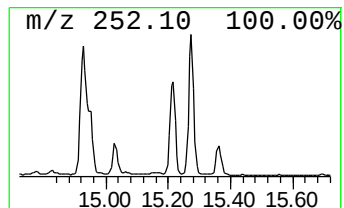
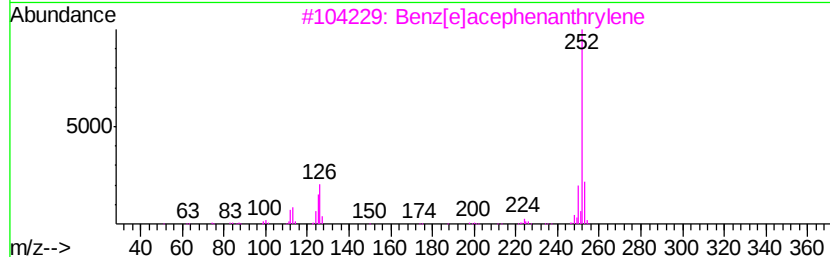
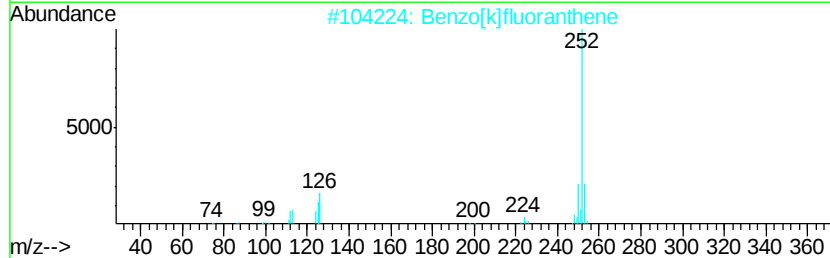
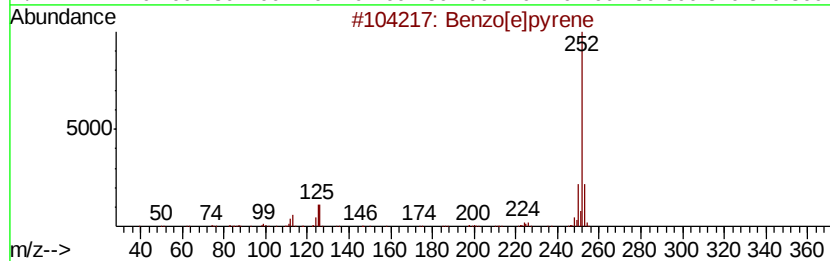
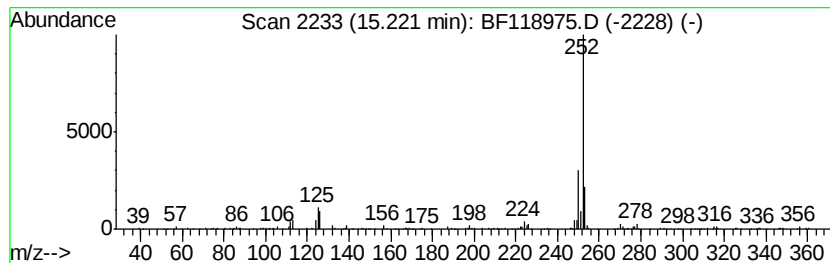
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.18 ng	282840	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118975.D
 Acq On : 20 Feb 2020 23:10
 Operator : CG/JU
 Sample : L1546-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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-...	9.38	3.7	ng	311002	3	9.79	1679530	20.0
Naphthalene, 2,3-...	9.45	5.5	ng	461142	3	9.79	1679530	20.0
9H-Fluorene, 1-me...	10.88	4.0	ng	273923	4	11.27	1361300	20.0
Dibenzothiophene,...	11.60	4.6	ng	310925	4	11.27	1361300	20.0
Anthracene, 2-met...	11.77	11.4	ng	779085	4	11.27	1361300	20.0
Phenanthrene, 2-m...	11.80	16.3	ng	1107730	4	11.27	1361300	20.0
Anthracene, 1-met...	11.88	14.2	ng	964481	4	11.27	1361300	20.0
Naphthalene, 2-ph...	12.07	5.8	ng	392632	4	11.27	1361300	20.0
9,10-Anthracenedione	12.10	4.3	ng	291012	4	11.27	1361300	20.0
Phenanthrene, 2,5...	12.32	11.5	ng	781667	4	11.27	1361300	20.0
Phenanthrene, 3,6...	12.36	5.7	ng	384401	4	11.27	1361300	20.0
9,10-Dimethylantr...	12.41	5.9	ng	399689	4	11.27	1361300	20.0
Pyrene, 1-methyl-	12.93	5.5	ng	507727	5	13.90	1853820	20.0
Pyrene, 2-methyl-	13.15	4.0	ng	368138	5	13.90	1853820	20.0
Anthra(1,2-b)thio...	13.66	3.9	ng	360031	5	13.90	1853820	20.0
1-Nonadecene	13.75	5.0	ng	468297	5	13.90	1853820	20.0
Chrysene, 3-methyl-	14.29	3.7	ng	342948	5	13.90	1853820	20.0
Benzo[e]pyrene	15.22	4.2	ng	282840	6	15.33	1352760	20.0