

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096226.D
 Acq On : 27 Jun 2017 19:53
 Operator : SJ/MA
 Sample : I3920-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-2

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:\HPCHEM1\BNA_F\Methods\8270-BF062717.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	4.963	485	489	498	rBV	195433	207692	9.48%	0.566%
2	5.381	556	560	564	rBV	1282625	1103983	50.36%	3.007%
3	6.398	729	733	739	rVB	1247359	1094841	49.95%	2.982%
4	6.540	753	757	761	rBV	1276861	1078245	49.19%	2.937%
5	6.781	794	798	801	rBV	1244422	1096776	50.04%	2.987%
6	6.934	820	824	828	rVB	998945	781007	35.63%	2.127%
7	7.328	888	891	895	rBV	676330	602278	27.48%	1.640%
8	8.057	1011	1015	1018	rBV	1650017	1549331	70.68%	4.220%
9	8.081	1018	1019	1022	rVB	290846	148714	6.78%	0.405%
10	8.769	1133	1136	1140	rVB	150166	116618	5.32%	0.318%
11	8.869	1148	1153	1156	rBV	116861	95774	4.37%	0.261%
12	9.134	1194	1198	1201	rBV	1189714	923432	42.13%	2.515%
13	9.392	1238	1242	1247	rBV2	52332	66614	3.04%	0.181%
14	9.469	1251	1255	1258	rBV	104521	100701	4.59%	0.274%
15	9.522	1262	1264	1268	rVB	140798	125084	5.71%	0.341%
16	9.586	1273	1275	1280	rVB	48710	47409	2.16%	0.129%
17	9.669	1286	1289	1292	rVV	134535	99330	4.53%	0.271%
18	9.810	1307	1313	1316	rBV	1594647	1349025	61.54%	3.674%
19	9.839	1316	1318	1321	rVV	333391	272762	12.44%	0.743%
20	10.010	1344	1347	1351	rVB	244390	215685	9.84%	0.587%
21	10.222	1378	1383	1387	rVV5	35987	60642	2.77%	0.165%
22	10.351	1402	1405	1411	rVB	347548	315366	14.39%	0.859%
23	10.422	1411	1417	1419	rBV2	50460	67654	3.09%	0.184%
24	10.510	1430	1432	1438	rVB	90345	90653	4.14%	0.247%
25	10.586	1442	1445	1450	rVV2	547807	548905	25.04%	1.495%
26	10.728	1463	1469	1474	rBV4	44967	68615	3.13%	0.187%
27	10.898	1491	1498	1501	rBV3	77892	117919	5.38%	0.321%
28	11.028	1516	1520	1522	rBV3	45768	63596	2.90%	0.173%
29	11.051	1522	1524	1526	rVV	60237	47366	2.16%	0.129%
30	11.092	1527	1531	1536	rVB	109175	120562	5.50%	0.328%
31	11.145	1536	1540	1544	rBV4	52110	100876	4.60%	0.275%
32	11.186	1544	1547	1550	rVB	137830	122932	5.61%	0.335%
33	11.286	1560	1564	1566	rBV	1053356	1013448	46.23%	2.760%
34	11.316	1566	1569	1572	rVV	2235615	1957378	89.30%	5.331%

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Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
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35	11.363	1572	1577	1580	rVV	722002	607497	27.71%	1.655%
36	11.392	1580	1582	1586	rVB4	71579	75169	3.43%	0.205%
37	11.510	1597	1602	1606	rBV2	256082	289701	13.22%	0.789%
38	11.622	1618	1621	1625	rVB2	54062	50918	2.32%	0.139%
39	11.792	1643	1650	1652	rBV	263823	263825	12.04%	0.719%
40	11.816	1652	1654	1659	rVB	408237	367217	16.75%	1.000%
41	11.863	1659	1662	1665	rBV	193476	167603	7.65%	0.456%
42	11.898	1665	1668	1671	rBV	421775	477984	21.81%	1.302%
43	11.922	1671	1672	1676	rVB	202751	126225	5.76%	0.344%
44	12.086	1695	1700	1701	rBV	190915	166741	7.61%	0.454%
45	12.098	1701	1702	1707	rVB2	122818	98227	4.48%	0.268%
46	12.233	1720	1725	1728	rBV3	77388	87515	3.99%	0.238%
47	12.339	1739	1743	1746	rBV	130198	154034	7.03%	0.420%
48	12.375	1746	1749	1751	rVV3	94790	109379	4.99%	0.298%
49	12.422	1754	1757	1762	rVB3	98113	142092	6.48%	0.387%
50	12.498	1766	1770	1774	rVB	2338589	2088094	95.26%	5.687%
51	12.551	1774	1779	1783	rBV3	58026	89900	4.10%	0.245%
52	12.645	1793	1795	1800	rVB	80752	82934	3.78%	0.226%
53	12.727	1803	1809	1812	rBV	2008444	2191968	100.00%	5.970%
54	12.775	1814	1817	1823	rVB2	109902	153892	7.02%	0.419%
55	12.845	1826	1829	1830	rBV	143625	110045	5.02%	0.300%
56	12.869	1830	1833	1839	rVB2	674740	666624	30.41%	1.816%
57	12.945	1840	1846	1848	rBV3	149904	234202	10.68%	0.638%
58	12.969	1848	1850	1853	rVB	84608	75752	3.46%	0.206%
59	13.004	1853	1856	1858	rBV2	66422	69160	3.16%	0.188%
60	13.027	1858	1860	1861	rBV	107169	87899	4.01%	0.239%
61	13.051	1861	1864	1867	rVB	372095	355686	16.23%	0.969%
62	13.086	1867	1870	1872	rBV3	42360	50338	2.30%	0.137%
63	13.116	1872	1875	1878	rBV	274085	255089	11.64%	0.695%
64	13.157	1878	1882	1884	rVV	227363	217804	9.94%	0.593%
65	13.186	1884	1887	1889	rVB3	45360	49057	2.24%	0.134%
66	13.216	1889	1892	1893	rBV2	58439	49710	2.27%	0.135%
67	13.245	1894	1897	1900	rVB	98429	100143	4.57%	0.273%
68	13.280	1900	1903	1907	rBV2	102180	118025	5.38%	0.321%
69	13.351	1912	1915	1920	rVV5	59781	57385	2.62%	0.156%
70	13.451	1925	1932	1934	rBV6	74626	147525	6.73%	0.402%
71	13.551	1943	1949	1955	rBV2	157754	250237	11.42%	0.682%

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72	13.669	1964	1969	1972	rBV2	183735	261496	11.93%	0.712%
73	13.698	1972	1974	1976	rVV	195922	168609	7.69%	0.459%
74	13.722	1976	1978	1982	rVV2	146692	218349	9.96%	0.595%
75	13.757	1982	1984	1992	rVB2	166077	221687	10.11%	0.604%
76	13.886	2003	2006	2007	rBV2	75795	73285	3.34%	0.200%
77	13.916	2007	2011	2014	rVV3	1506745	2165179	98.78%	5.897%
78	13.945	2014	2016	2019	rVB	1023301	754799	34.43%	2.056%
79	14.022	2027	2029	2032	rVB	149361	121234	5.53%	0.330%
80	14.104	2040	2043	2045	rVB	131688	123507	5.63%	0.336%
81	14.139	2045	2049	2053	rBV2	140715	181948	8.30%	0.496%
82	14.239	2063	2066	2068	rVB3	62557	64679	2.95%	0.176%
83	14.269	2068	2071	2073	rBV	75898	73303	3.34%	0.200%
84	14.304	2073	2077	2080	rVV	213406	233311	10.64%	0.635%
85	14.333	2080	2082	2086	rVB	100560	100924	4.60%	0.275%
86	14.398	2090	2093	2096	rVV3	98764	126095	5.75%	0.343%
87	14.427	2096	2098	2100	rVV2	96547	76774	3.50%	0.209%
88	14.451	2100	2102	2105	rVB2	120952	111361	5.08%	0.303%
89	14.486	2105	2108	2109	rBV3	44613	51985	2.37%	0.142%
90	14.598	2124	2127	2130	rBV4	59121	87897	4.01%	0.239%
91	14.780	2152	2158	2161	rBV4	77672	150692	6.87%	0.410%
92	14.845	2167	2169	2173	rVB4	57983	48090	2.19%	0.131%
93	14.939	2180	2185	2187	rBV	783196	1153602	52.63%	3.142%
94	15.039	2199	2202	2208	rVB	204766	238724	10.89%	0.650%
95	15.221	2229	2233	2239	rVB	484881	624557	28.49%	1.701%
96	15.280	2239	2243	2249	rVB	687491	820749	37.44%	2.235%
97	15.345	2249	2254	2257	rBV	677172	899552	41.04%	2.450%
98	15.374	2257	2259	2266	rVB2	199677	247834	11.31%	0.675%
99	16.733	2484	2490	2498	rVB3	244923	495846	22.62%	1.350%
100	17.145	2555	2560	2569	rVB	189177	364200	16.62%	0.992%

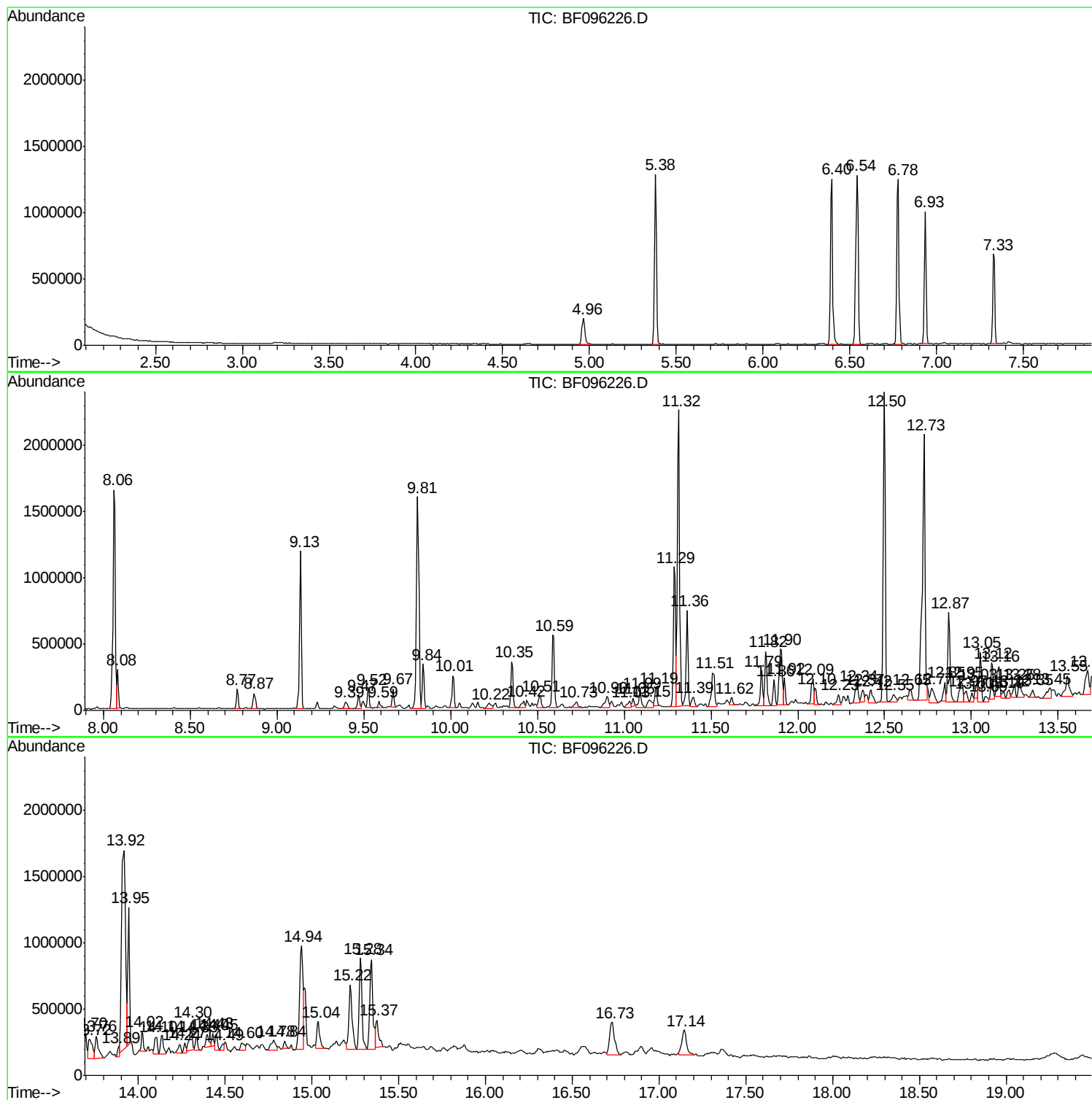
Sum of corrected areas: 36717077

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OB-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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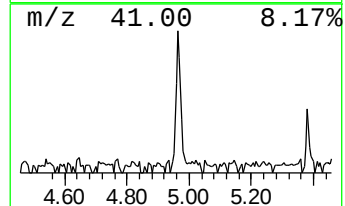
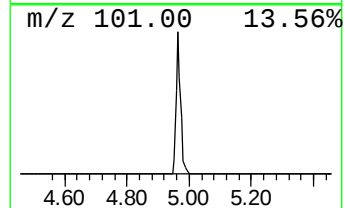
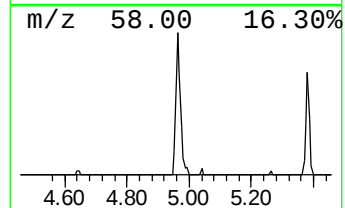
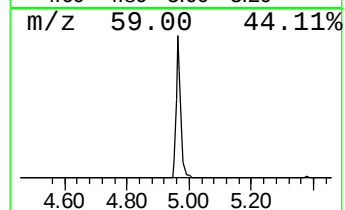
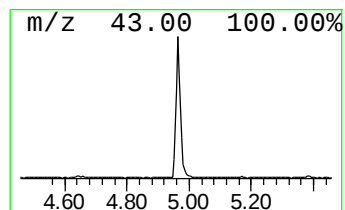
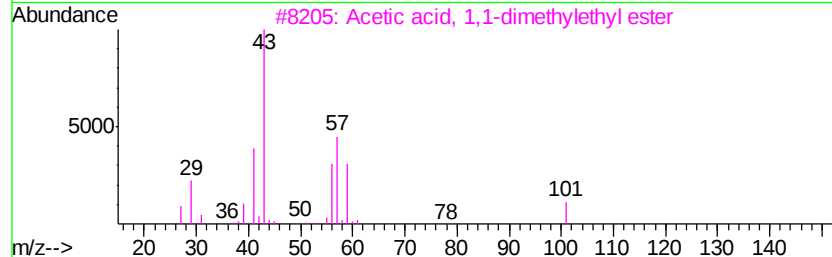
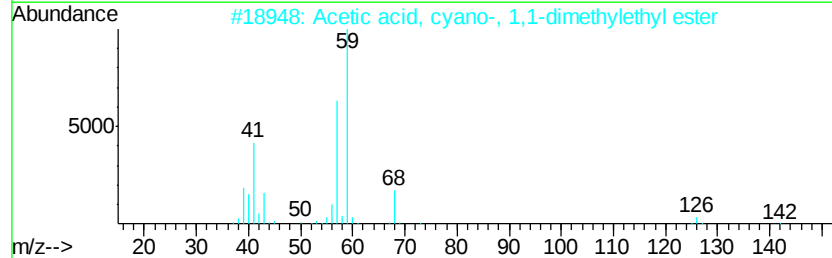
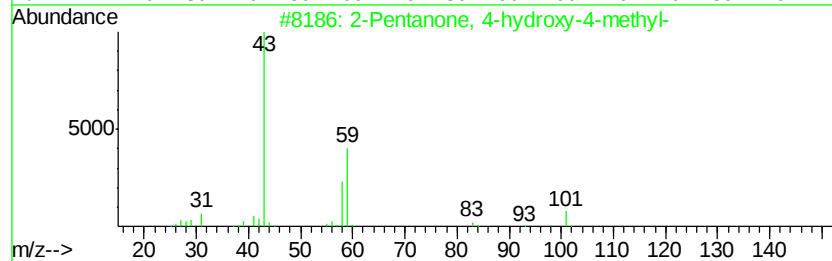
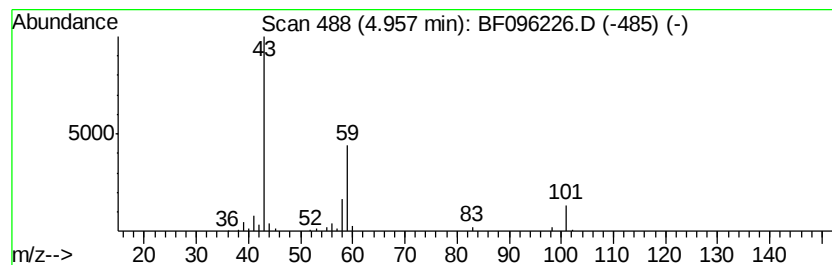
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.79 ng	207692	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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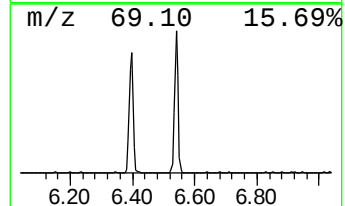
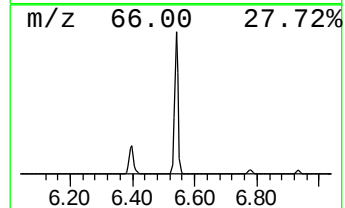
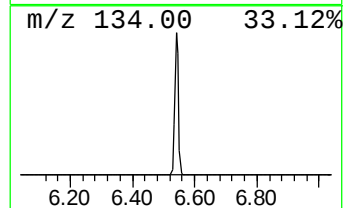
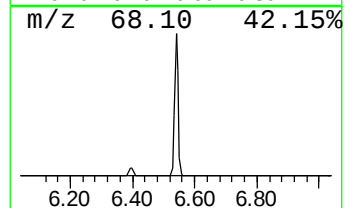
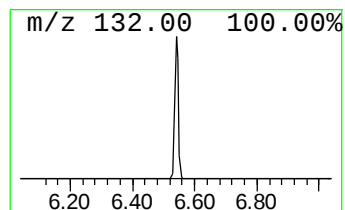
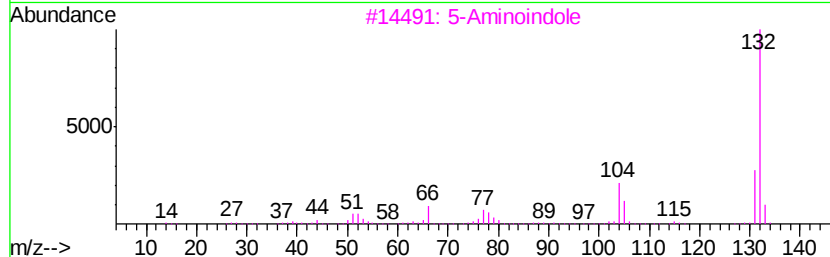
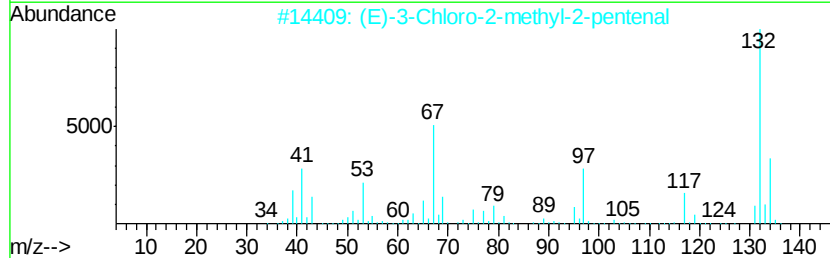
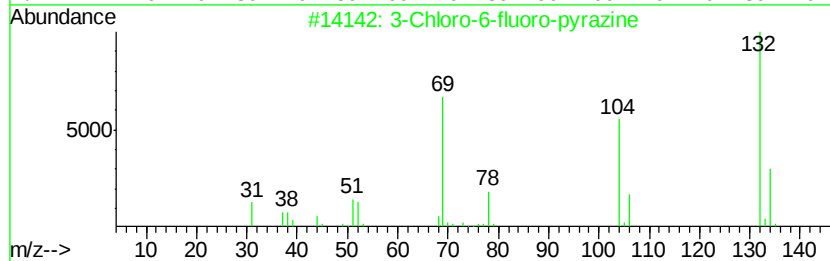
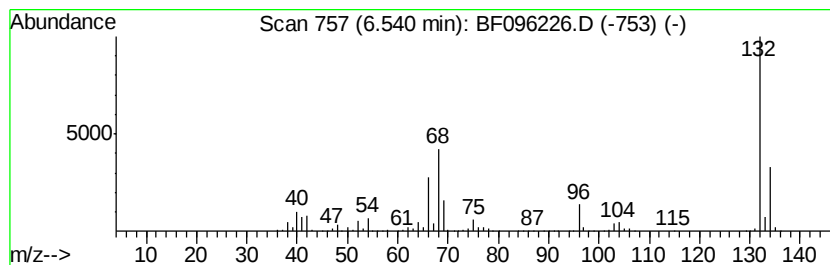
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	19.66 ng	1078250	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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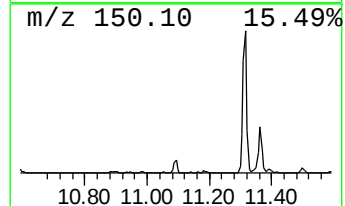
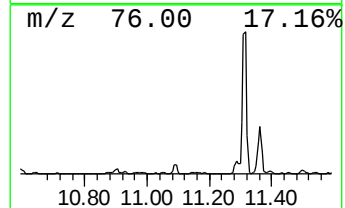
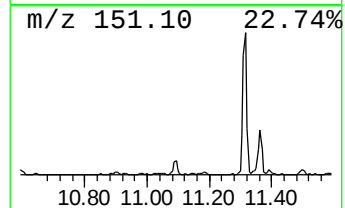
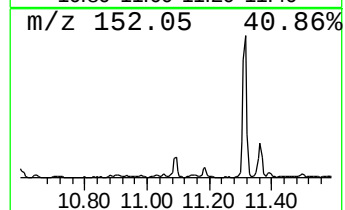
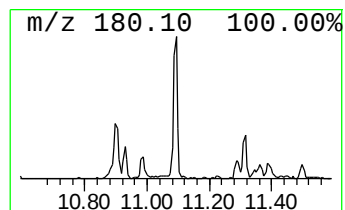
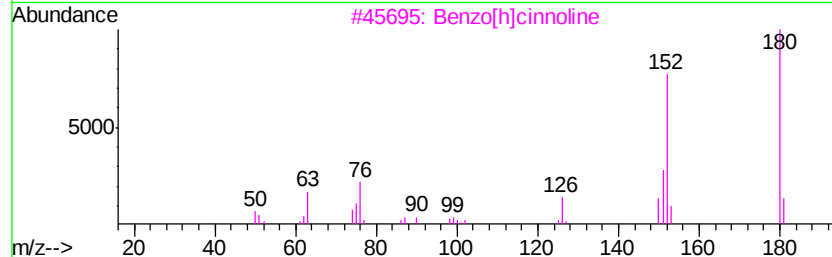
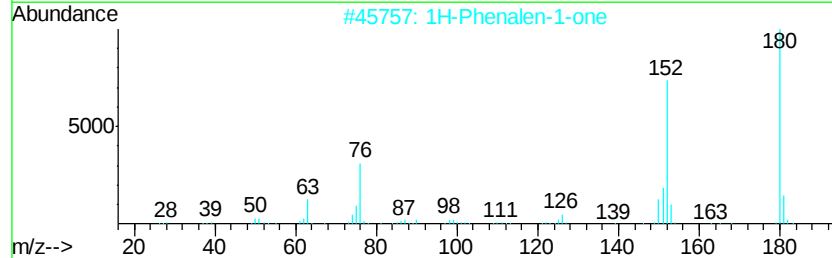
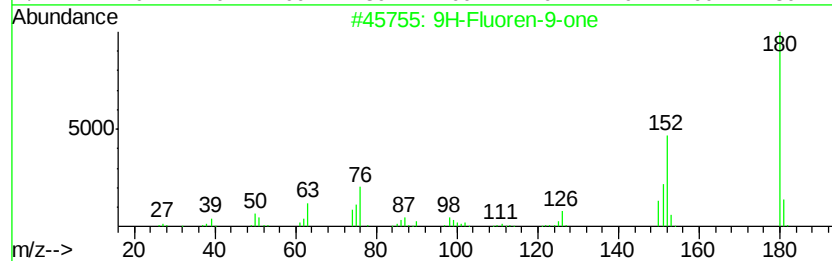
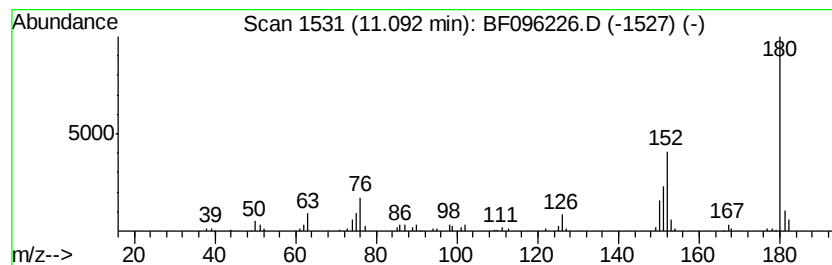
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.38 ng	120562	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
4		2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	59
5		Phenazine	180	C12H8N2	000092-82-0	47



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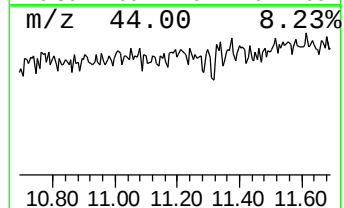
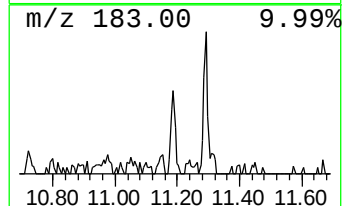
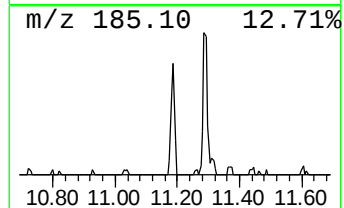
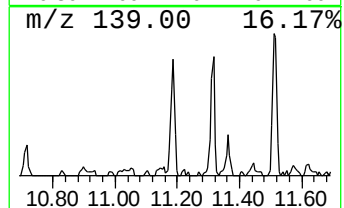
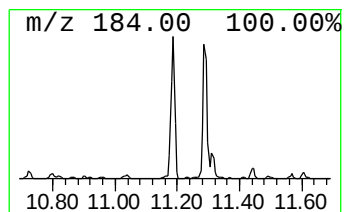
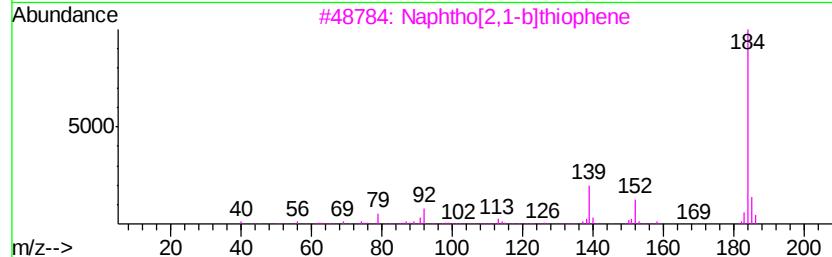
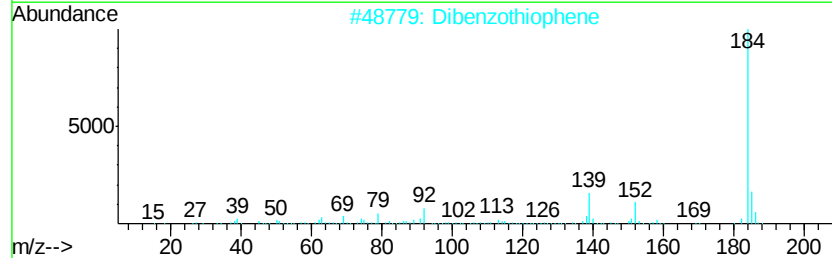
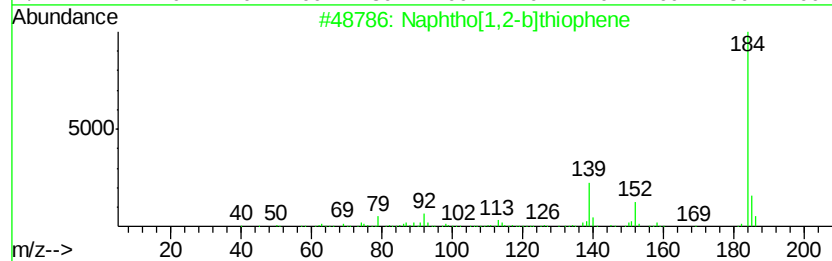
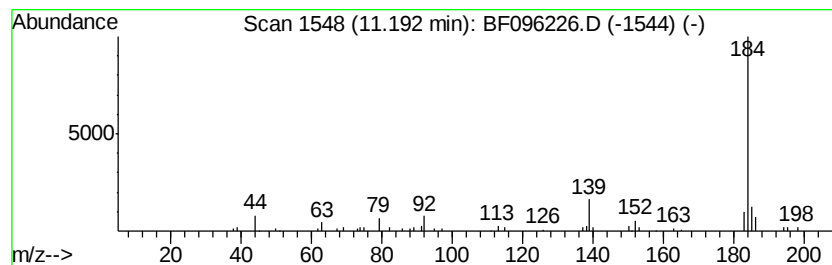
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.19	2.43 ng	122932	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59



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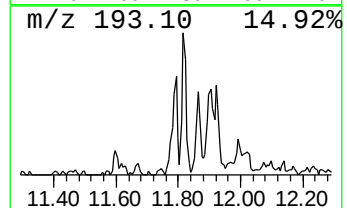
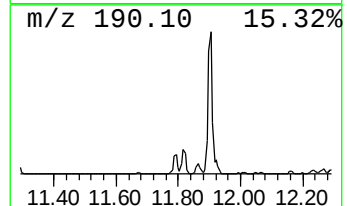
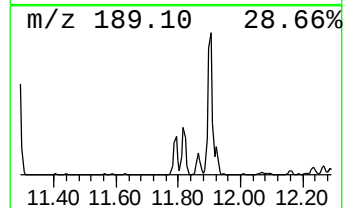
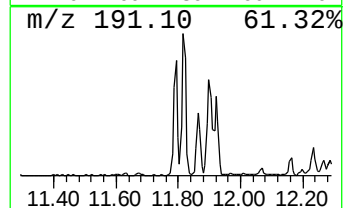
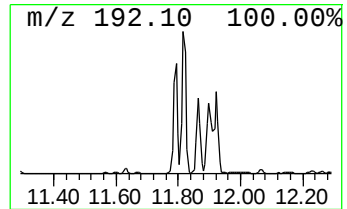
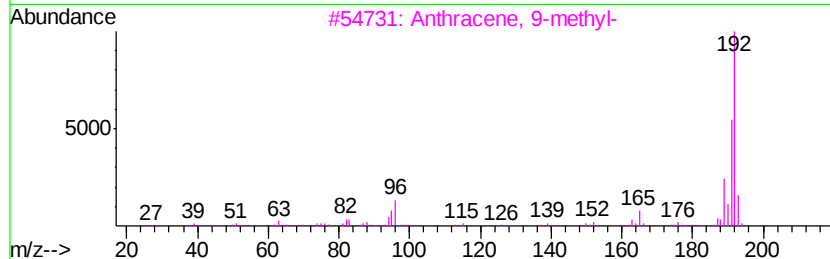
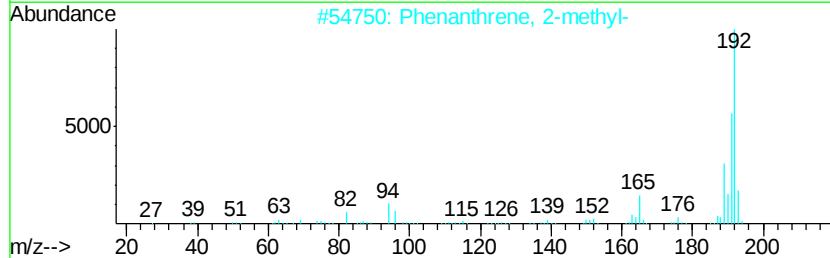
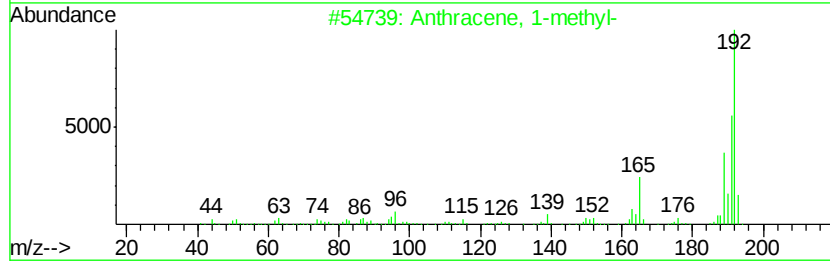
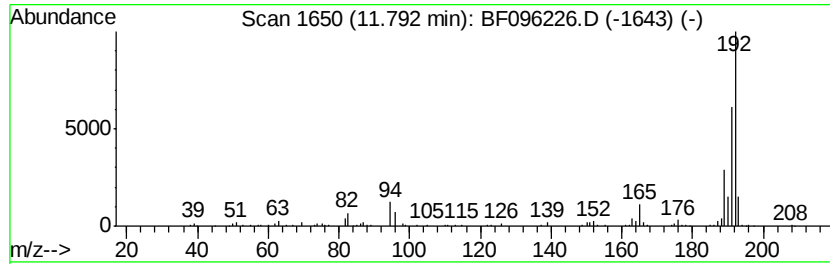
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	5.21 ng	263825	Phenanthrene-d10	11.29	
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	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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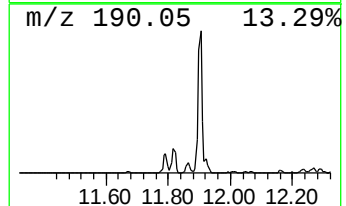
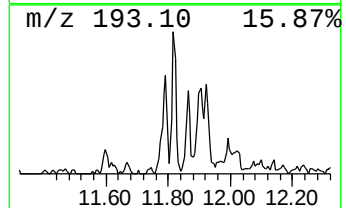
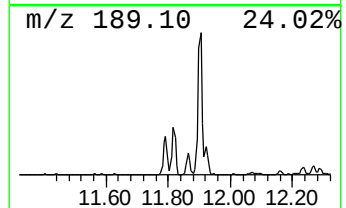
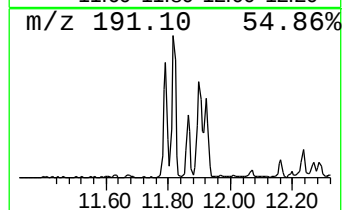
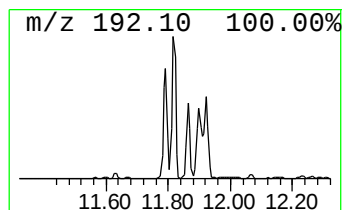
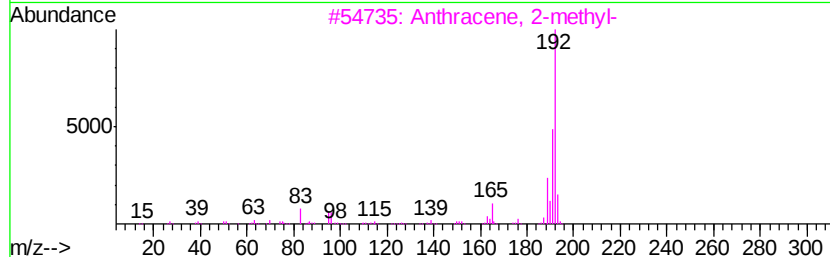
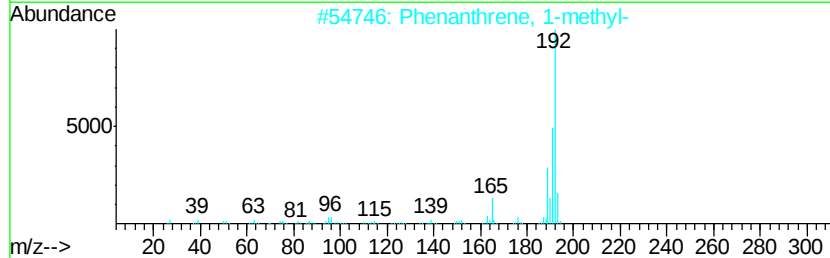
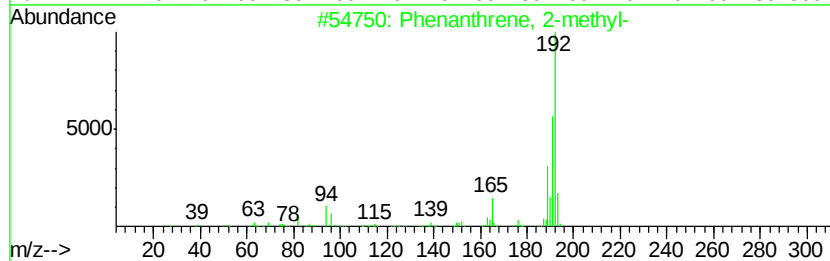
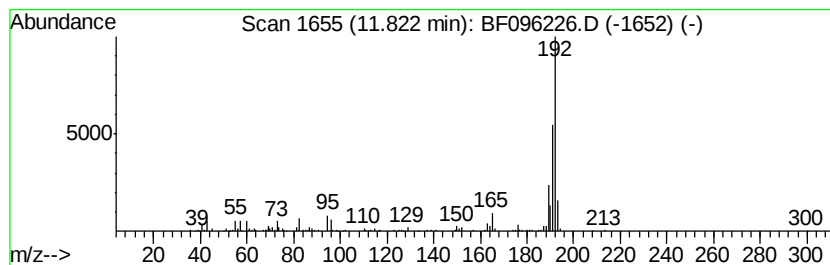
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	7.25 ng	367217	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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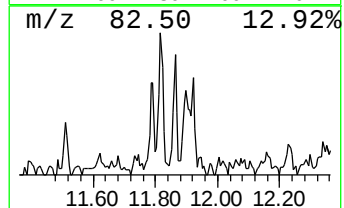
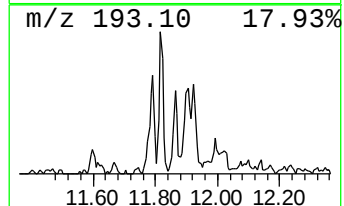
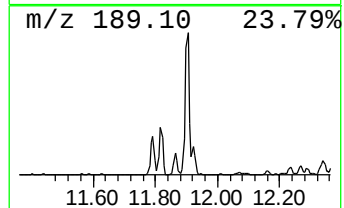
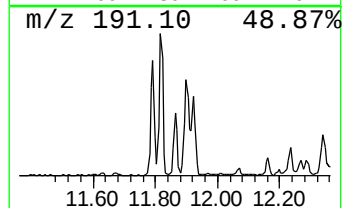
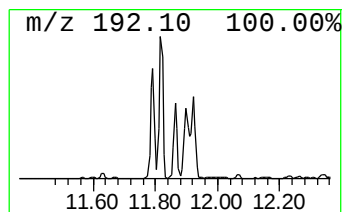
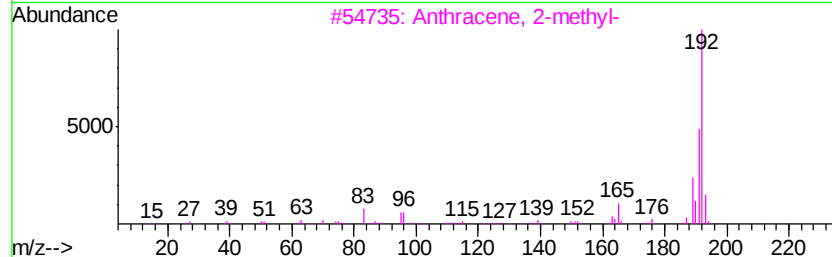
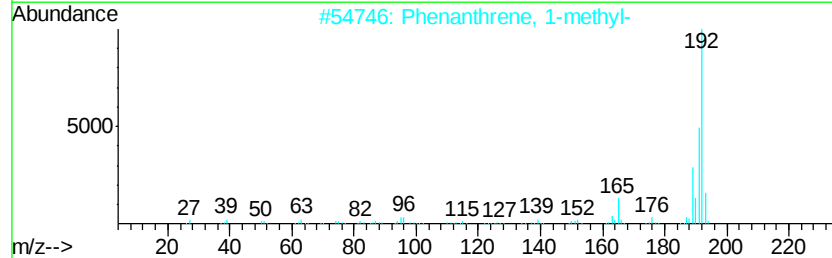
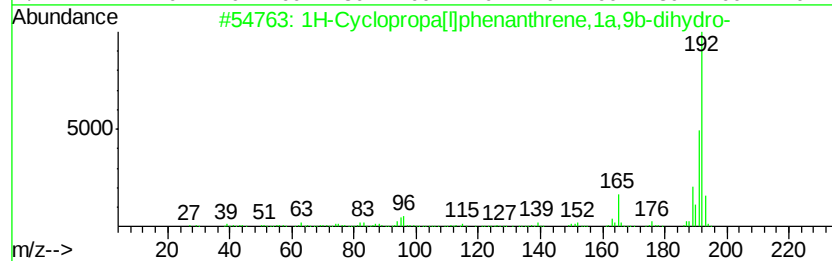
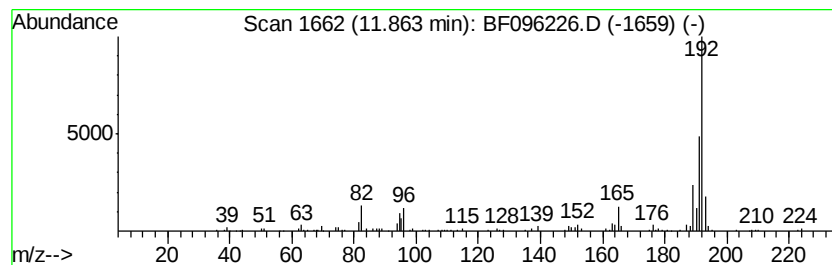
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.86	3.31 ng	167603	Phenanthrene-d10		11.29		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



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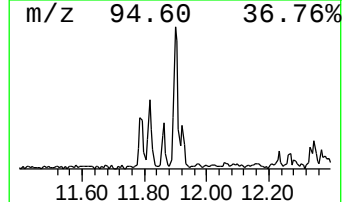
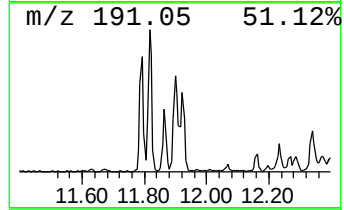
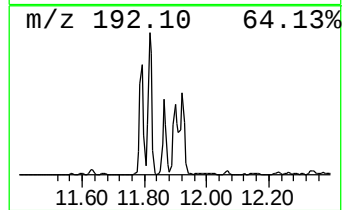
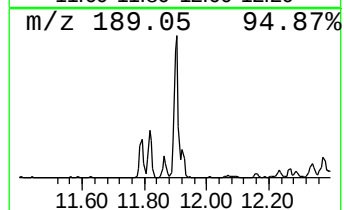
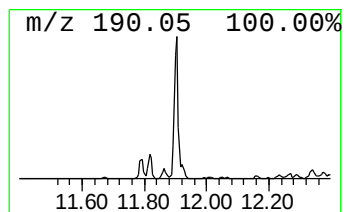
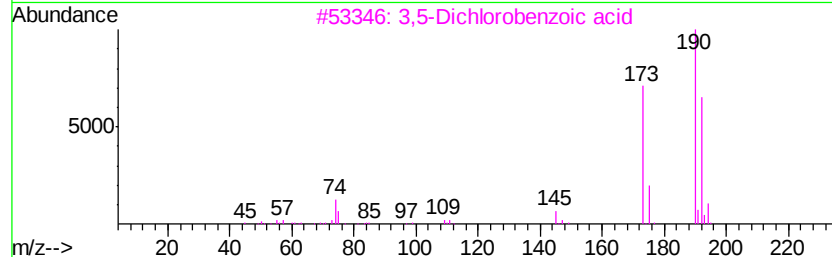
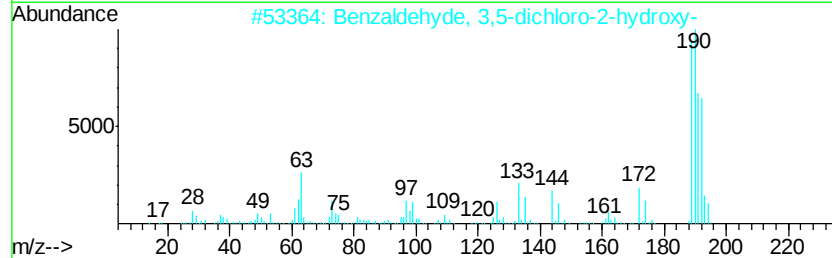
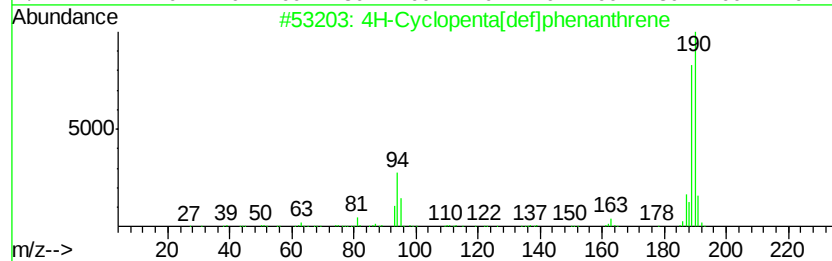
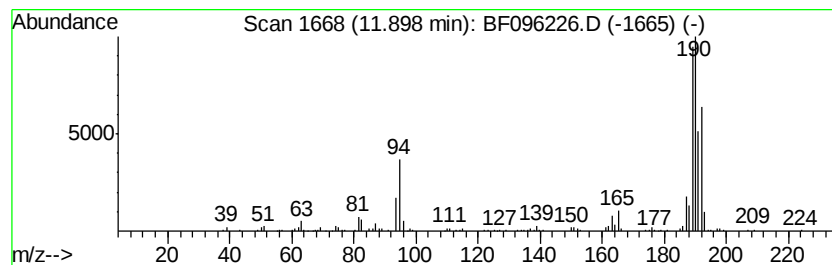
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	9.43 ng	477984	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18



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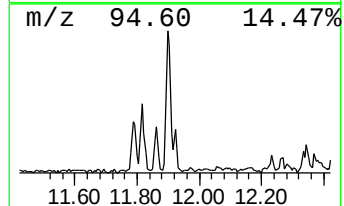
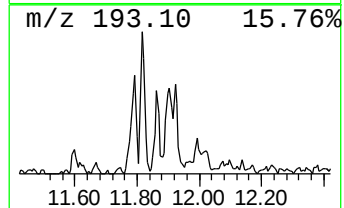
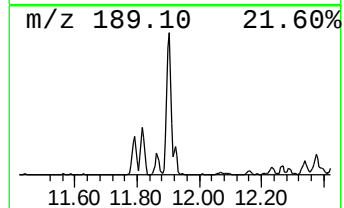
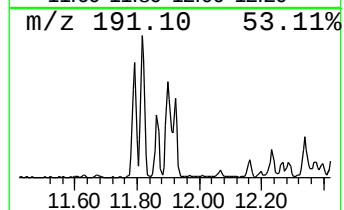
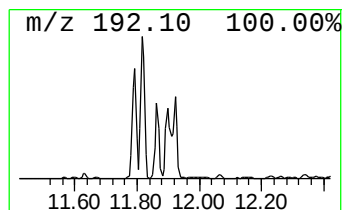
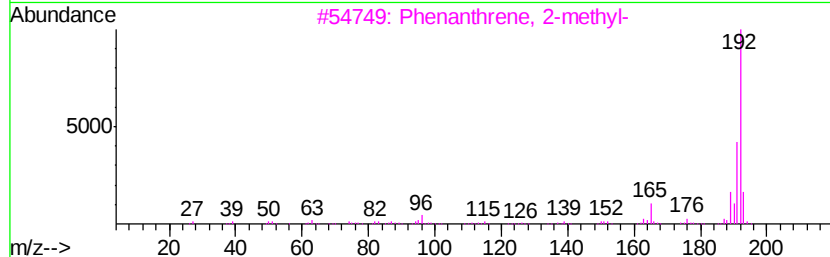
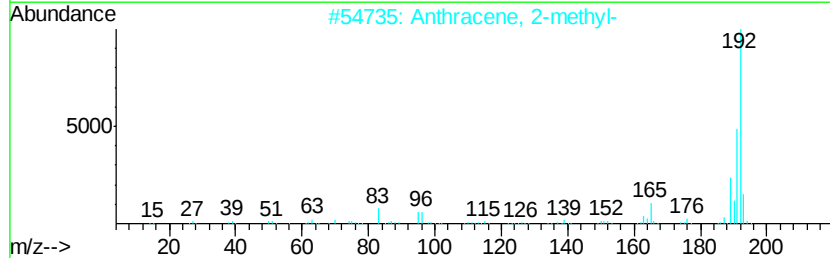
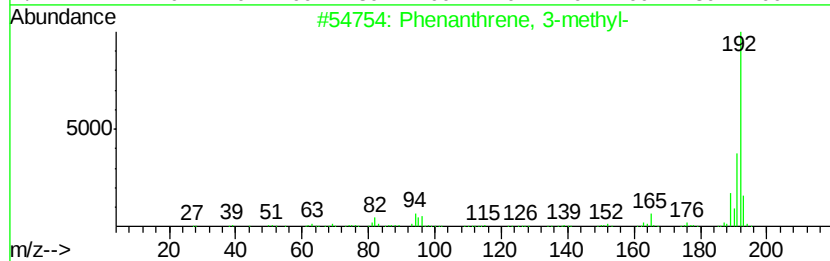
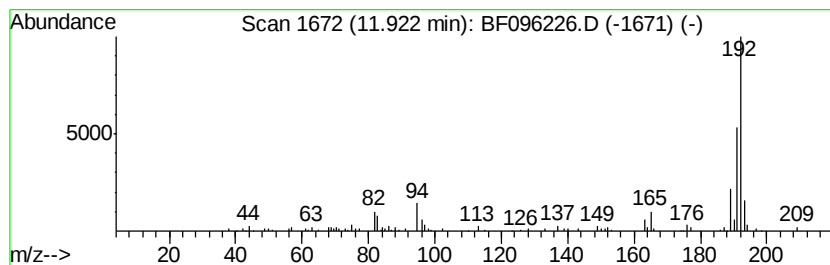
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.49 ng	126225	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	76



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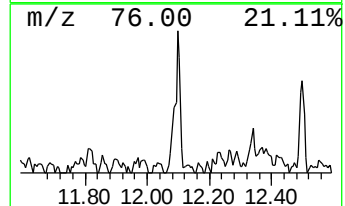
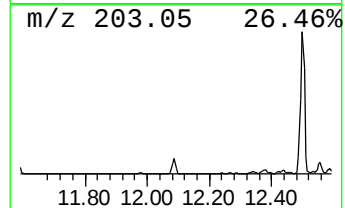
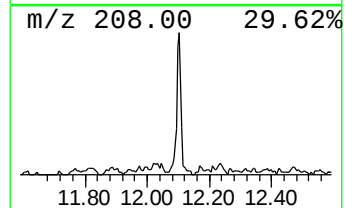
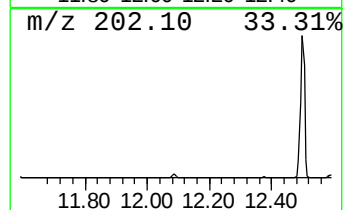
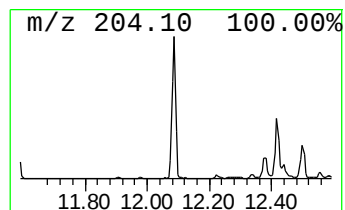
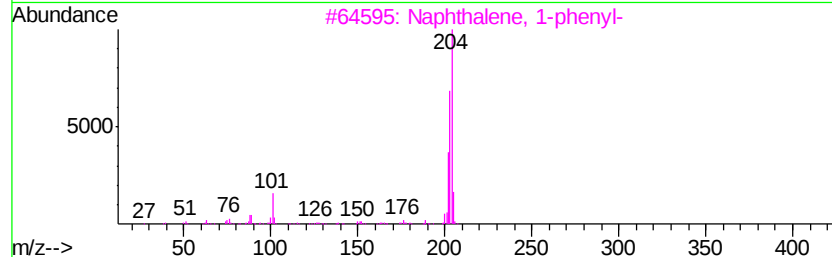
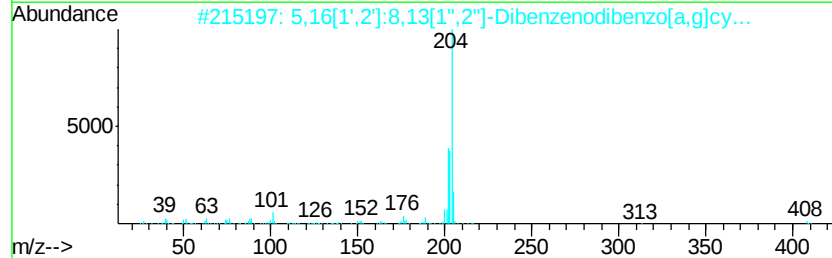
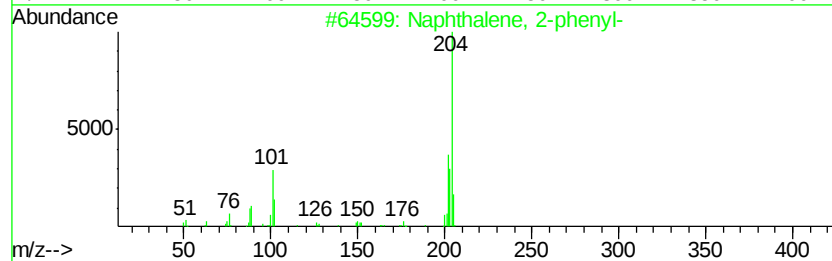
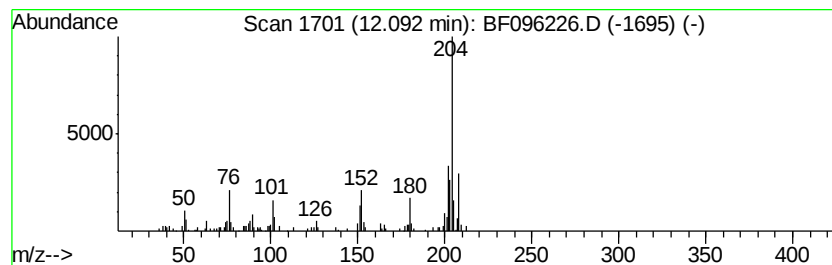
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.29 ng	166741	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58



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Data File : BF096226.D
Acq On : 27 Jun 2017 19:53
Operator : SJ/MA
Sample : I3920-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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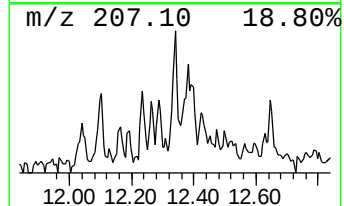
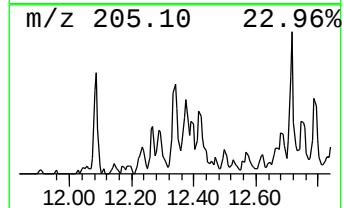
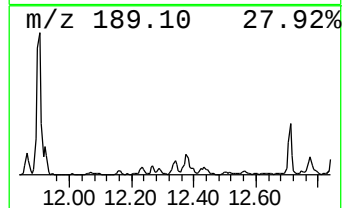
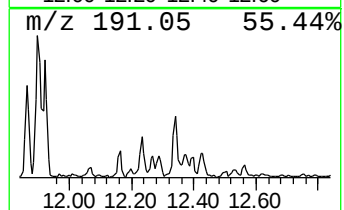
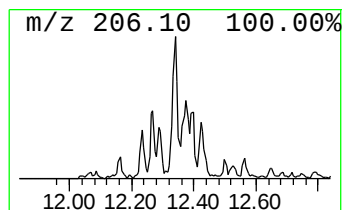
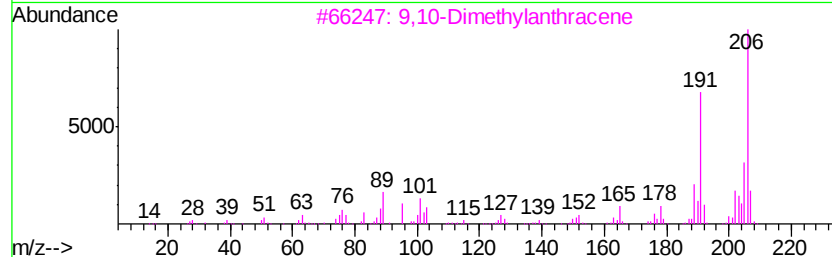
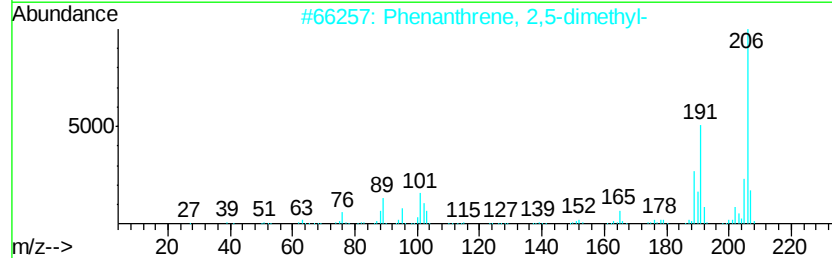
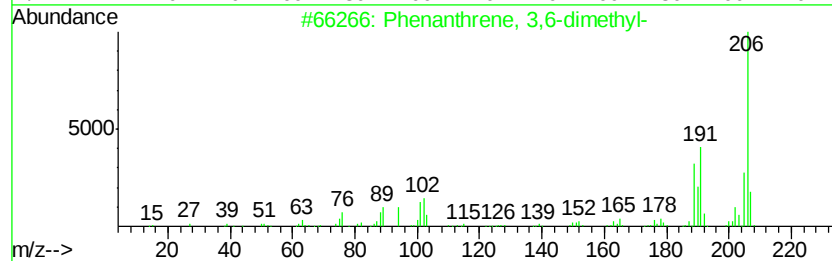
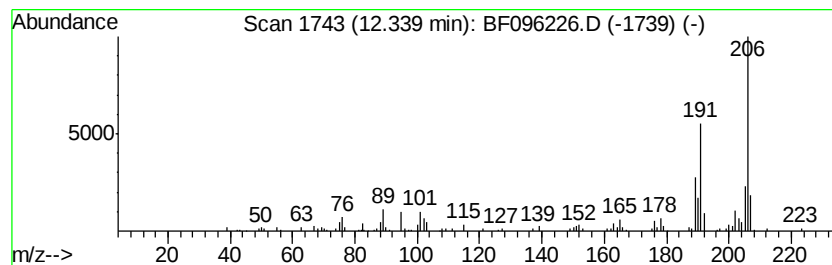
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.04 ng	154034	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81



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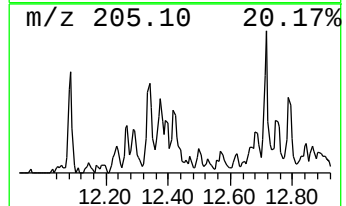
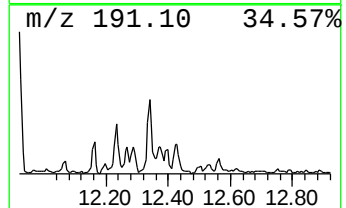
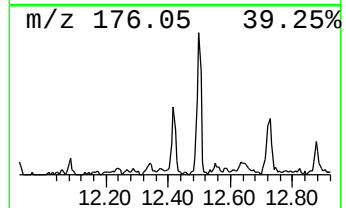
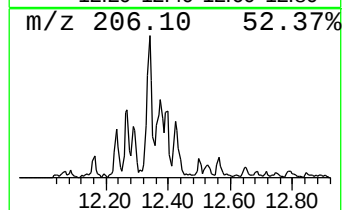
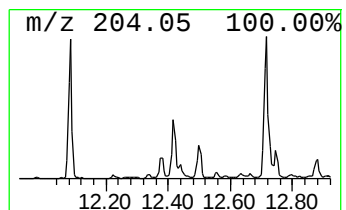
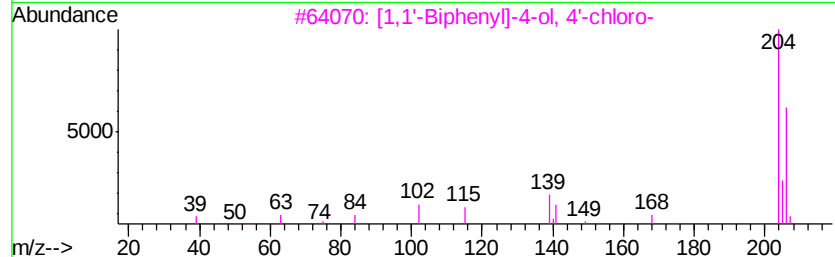
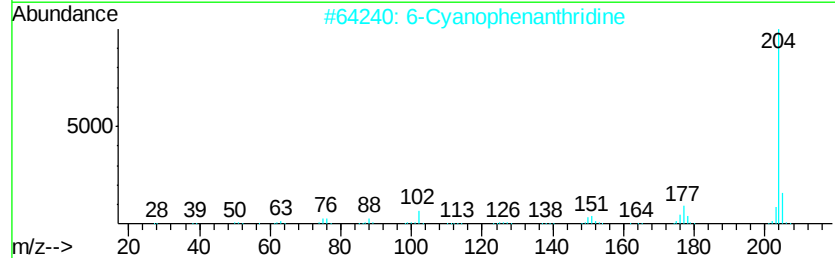
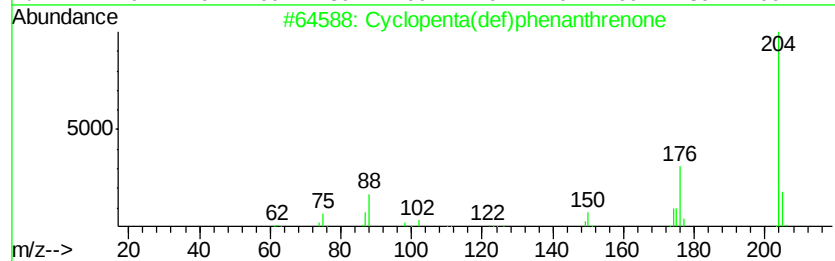
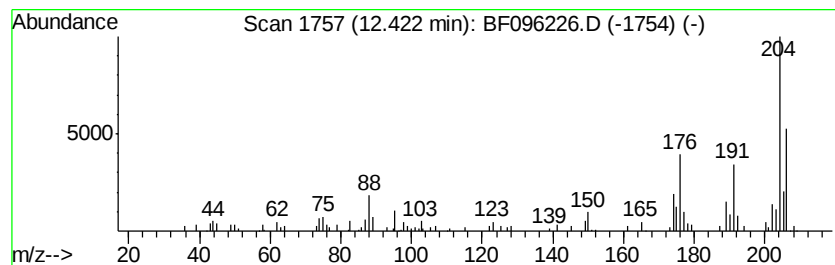
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.80 ng	142092	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	42
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38



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Sample : I3920-02 5X
Misc :
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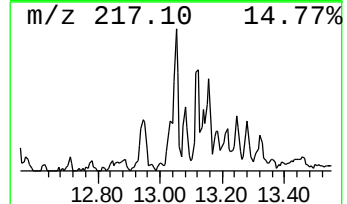
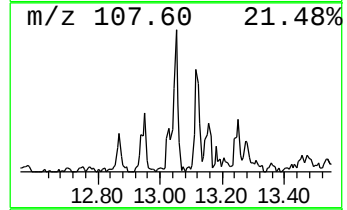
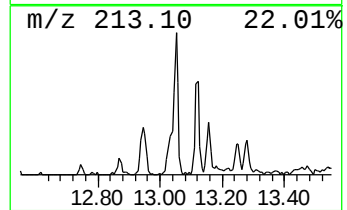
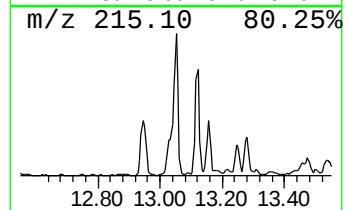
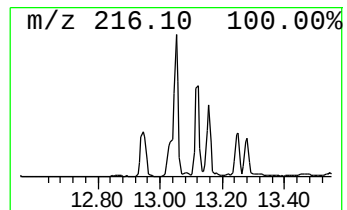
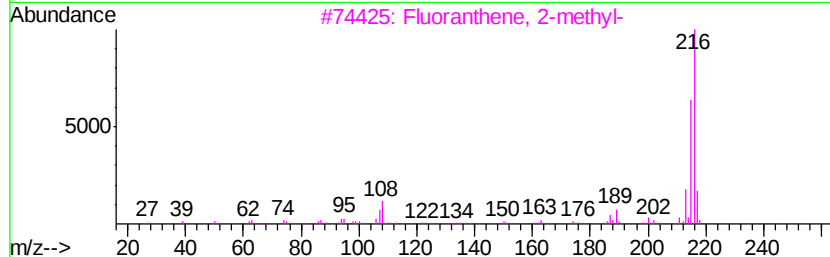
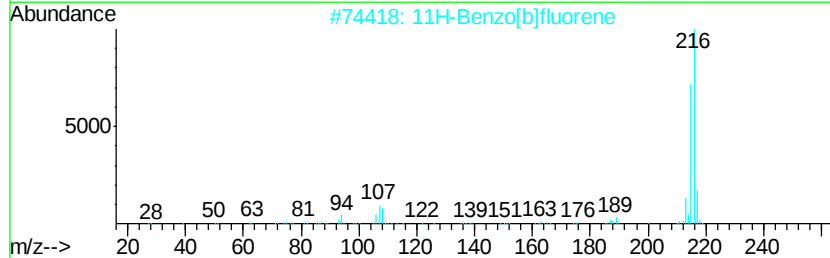
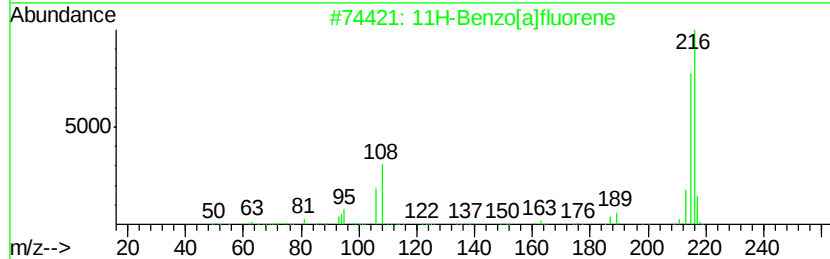
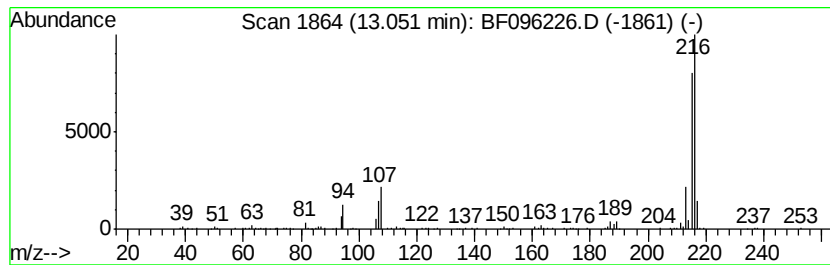
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.05	3.29 ng	355686	Chrysene-d12	13.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	59



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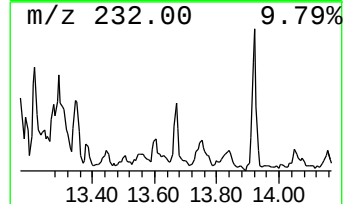
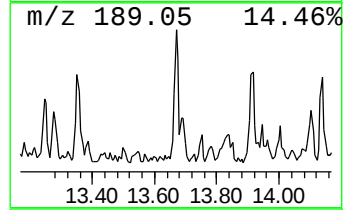
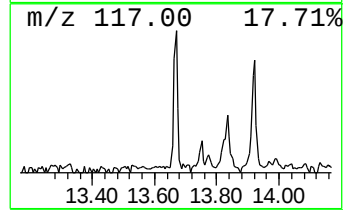
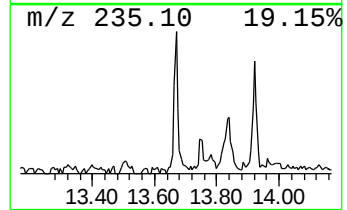
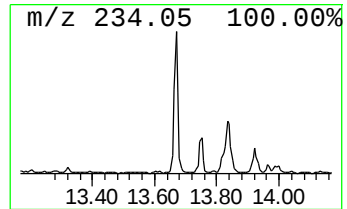
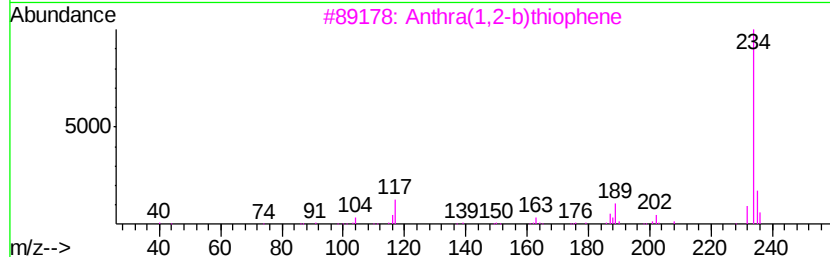
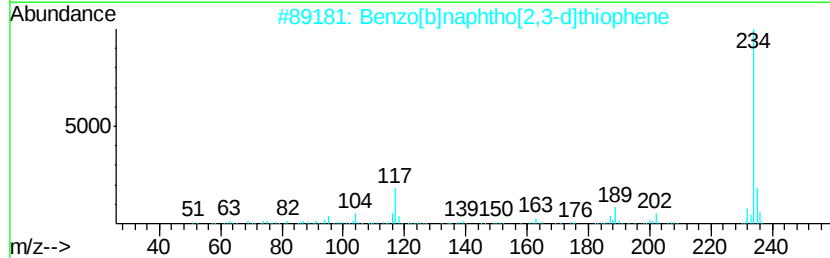
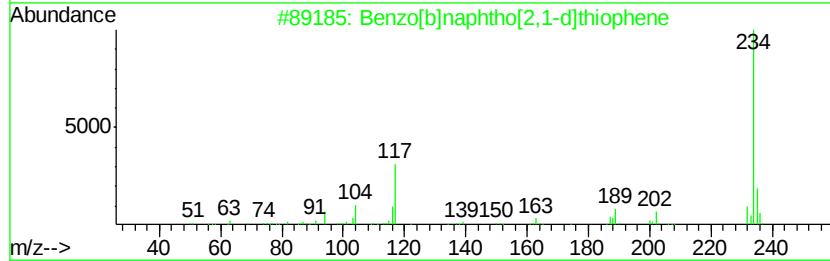
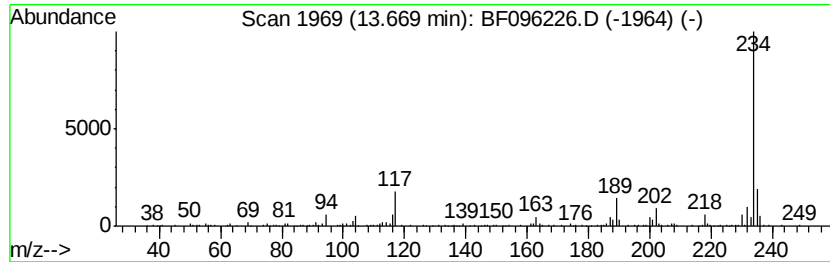
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.67	2.42 ng	261496	Chrysene-d12		13.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
3		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
4		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
5		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	87



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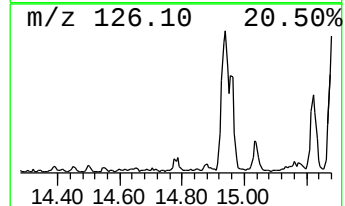
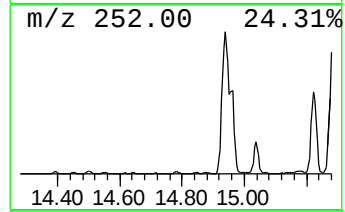
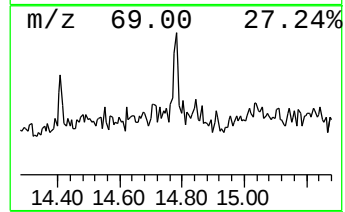
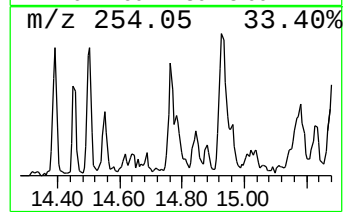
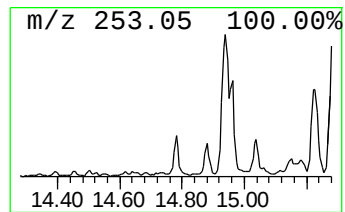
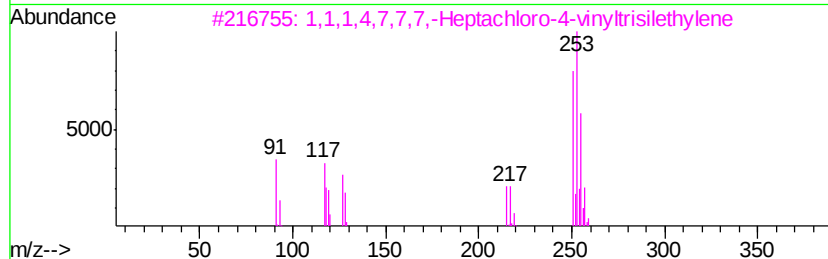
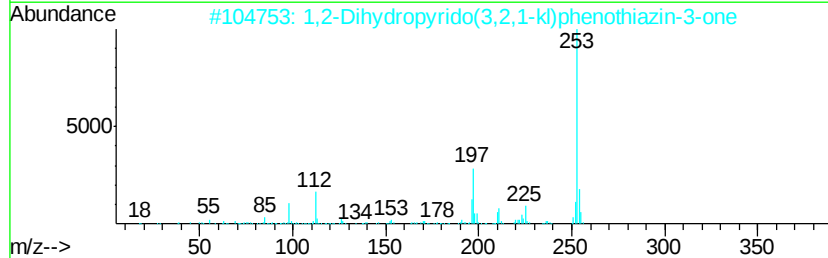
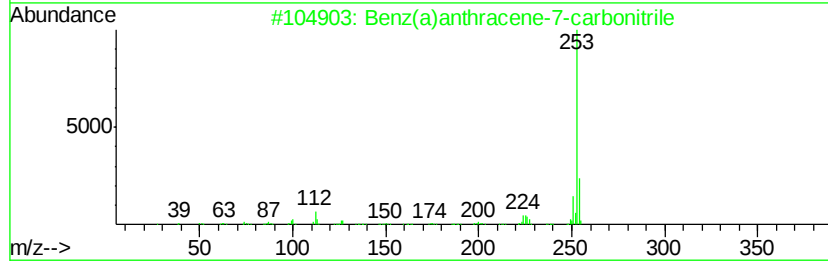
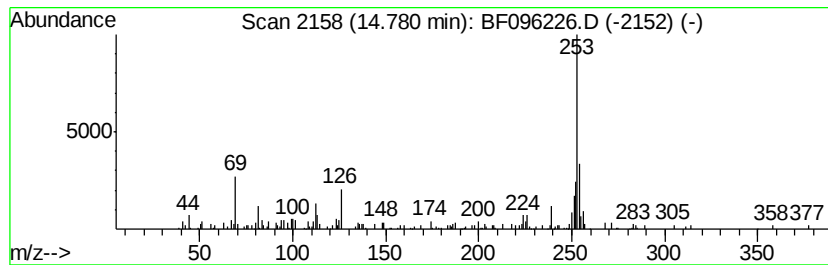
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown14.78 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.35 ng	150692	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
2		1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	37
3		1,1,1,4,7,7,7,-Heptachloro-4-vin...	412	C6H11Cl7Si3	102105-74-8	36
4		4,4'-Biazulenyl	254	C20H14	094053-54-0	35
5		Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	33



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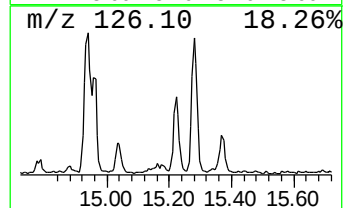
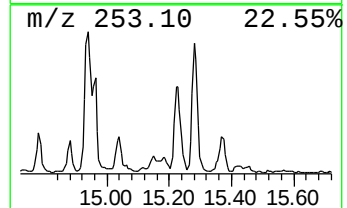
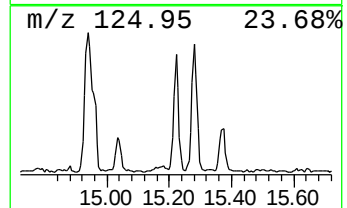
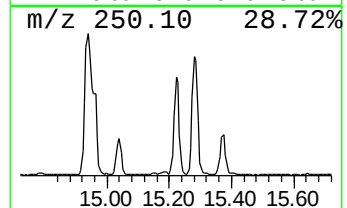
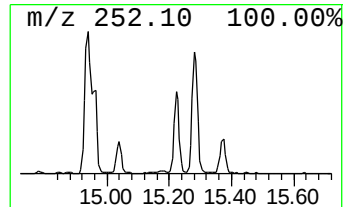
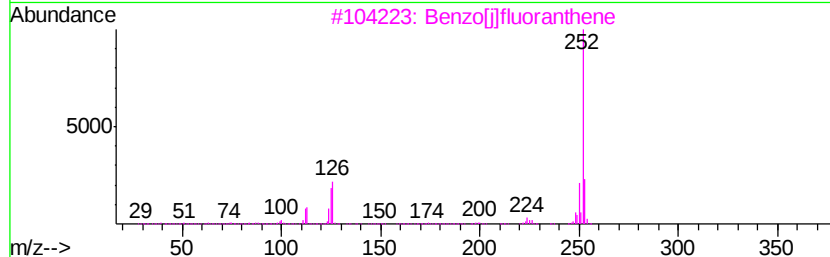
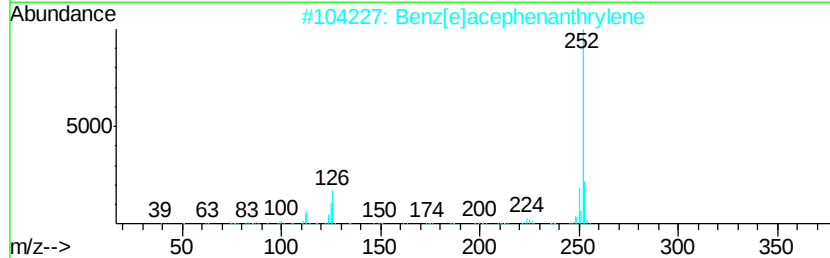
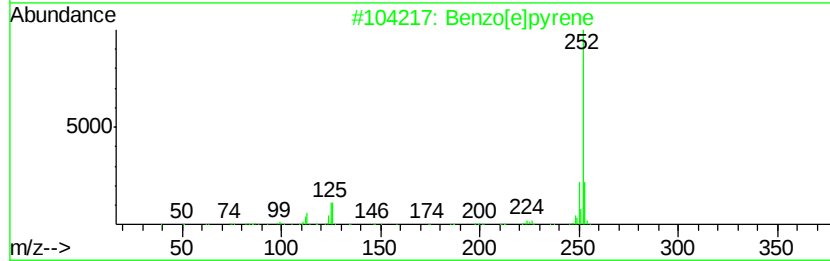
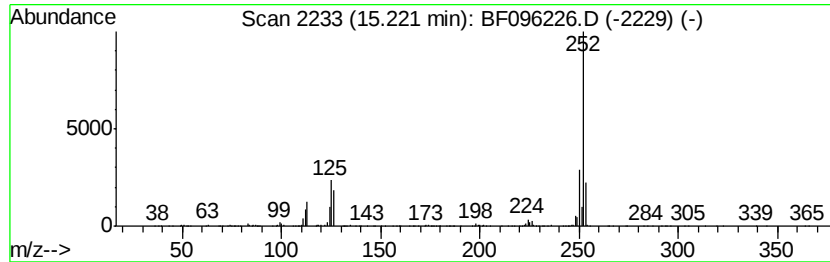
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.89 ng	624557	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	93



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 Data File : BF096226.D
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 OB-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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
2-Pentanone, 4-hy...	4.96	3.8	ng	207692	1	6.78	1096780	20.0
unknown6.54	6.54	19.7	ng	1078250	1	6.78	1096780	20.0
9H-Fluoren-9-one	11.09	2.4	ng	120562	4	11.29	1013450	20.0
Naphtho[1,2-b]thi...	11.19	2.4	ng	122932	4	11.29	1013450	20.0
Anthracene, 1-met...	11.79	5.2	ng	263825	4	11.29	1013450	20.0
Phenanthrene, 2-m...	11.82	7.3	ng	367217	4	11.29	1013450	20.0
1H-Cyclopropa[1]p...	11.86	3.3	ng	167603	4	11.29	1013450	20.0
4H-Cyclopenta[def...	11.90	9.4	ng	477984	4	11.29	1013450	20.0
Phenanthrene, 3-m...	11.92	2.5	ng	126225	4	11.29	1013450	20.0
Naphthalene, 2-ph...	12.09	3.3	ng	166741	4	11.29	1013450	20.0
Phenanthrene, 3,6...	12.34	3.0	ng	154034	4	11.29	1013450	20.0
Cyclopenta(def)ph...	12.42	2.8	ng	142092	4	11.29	1013450	20.0
11H-Benzo[a]fluorene	13.05	3.3	ng	355686	5	13.92	2165180	20.0
Benzo[b]naphtho[2...	13.67	2.4	ng	261496	5	13.92	2165180	20.0
unknown14.78	14.78	3.4	ng	150692	6	15.35	899552	20.0
Benzo[e]pyrene	15.22	13.9	ng	624557	6	15.35	899552	20.0