

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098530.D
 Acq On : 14 Sep 2017 15:40
 Operator : SJ/JU
 Sample : I5159-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-9A-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-BF091117.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	4.834	464	467	481	rVB	258629	432869	10.70%	0.841%
2	5.204	522	530	535	rBV2	61904	88857	2.20%	0.173%
3	5.257	535	539	550	rBV	3689315	3963965	98.01%	7.703%
4	5.887	644	646	652	rVB3	67236	79013	1.95%	0.154%
5	6.304	712	717	727	rBV	3558938	4044520	100.00%	7.859%
6	6.422	732	737	740	rVV	4426622	3959557	97.90%	7.694%
7	6.481	743	747	752	rVB3	97968	122828	3.04%	0.239%
8	6.645	771	775	782	rVB	1002609	892200	22.06%	1.734%
9	6.804	797	802	805	rBV	3309309	2976687	73.60%	5.784%
10	7.216	868	872	875	rBV	2500902	2473472	61.16%	4.806%
11	7.251	875	878	881	rVB	90355	91344	2.26%	0.177%
12	7.928	988	993	996	rBV	1254610	1271345	31.43%	2.470%
13	7.951	996	997	1000	rVV	248224	156722	3.87%	0.305%
14	8.357	1062	1066	1068	rVV	108361	100436	2.48%	0.195%
15	8.528	1092	1095	1097	rBV	109169	90236	2.23%	0.175%
16	8.639	1112	1114	1117	rVB	176249	155840	3.85%	0.303%
17	8.739	1129	1131	1134	rVB	107996	80335	1.99%	0.156%
18	9.010	1171	1177	1180	rBV	4192517	3987015	98.58%	7.747%
19	9.086	1185	1190	1192	rBV	113245	128379	3.17%	0.249%
20	9.275	1217	1222	1225	rVB2	72728	103774	2.57%	0.202%
21	9.339	1230	1233	1235	rVV	134627	131775	3.26%	0.256%
22	9.369	1235	1238	1240	rVV2	94432	106052	2.62%	0.206%
23	9.404	1240	1244	1247	rVV	678925	588362	14.55%	1.143%
24	9.539	1264	1267	1271	rBV	386862	333228	8.24%	0.648%
25	9.616	1277	1280	1284	rBV	142162	114556	2.83%	0.223%
26	9.680	1284	1291	1294	rBV	1397373	1250391	30.92%	2.430%
27	9.845	1313	1319	1322	rBV6	63805	113631	2.81%	0.221%
28	9.886	1322	1326	1328	rVV	150947	167363	4.14%	0.325%
29	9.922	1330	1332	1337	rVB2	81112	89080	2.20%	0.173%
30	9.992	1342	1344	1348	rVV2	82810	106702	2.64%	0.207%
31	10.027	1348	1350	1355	rVB	77905	80800	2.00%	0.157%
32	10.086	1355	1360	1362	rBV3	77891	101227	2.50%	0.197%
33	10.116	1362	1365	1370	rVV2	171802	186855	4.62%	0.363%
34	10.180	1374	1376	1380	rVV2	76276	79325	1.96%	0.154%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.239	1384	1386	1390	rVB3	91637	92045	2.28%	0.179%
36	10.333	1399	1402	1407	rVV3	84887	108238	2.68%	0.210%
37	10.380	1407	1410	1414	rVB3	73829	82950	2.05%	0.161%
38	10.469	1419	1425	1429	rBV	2158315	2028843	50.16%	3.942%
39	10.586	1442	1445	1452	rBV3	255952	356025	8.80%	0.692%
40	10.898	1495	1498	1501	rVV4	57044	98457	2.43%	0.191%
41	10.969	1507	1510	1514	rVV2	159099	167249	4.14%	0.325%
42	11.016	1514	1518	1519	rVV3	59218	83065	2.05%	0.161%
43	11.033	1519	1521	1523	rVV	179215	151055	3.73%	0.294%
44	11.057	1523	1525	1531	rVB3	93082	109121	2.70%	0.212%
45	11.163	1539	1543	1545	rBV	1168310	1058670	26.18%	2.057%
46	11.186	1545	1547	1549	rVV	507565	408837	10.11%	0.794%
47	11.233	1553	1555	1559	rVB	195837	166422	4.11%	0.323%
48	11.274	1559	1562	1564	rBV2	82234	92534	2.29%	0.180%
49	11.345	1572	1574	1577	rVB2	100806	85424	2.11%	0.166%
50	11.398	1580	1583	1587	rBV2	74021	101083	2.50%	0.196%
51	11.457	1591	1593	1596	rVV	125977	98912	2.45%	0.192%
52	11.492	1596	1599	1605	rVB2	99518	138265	3.42%	0.269%
53	11.663	1625	1628	1630	rVV	246253	224080	5.54%	0.435%
54	11.692	1630	1633	1636	rVB	362480	354629	8.77%	0.689%
55	11.769	1636	1646	1649	rBV2	304953	516237	12.76%	1.003%
56	11.792	1649	1650	1655	rVB	146105	114160	2.82%	0.222%
57	11.868	1657	1663	1665	rBV2	126919	184660	4.57%	0.359%
58	11.892	1665	1667	1670	rVB	100414	84488	2.09%	0.164%
59	11.957	1675	1678	1681	rVV2	188916	197496	4.88%	0.384%
60	11.986	1681	1683	1688	rVB2	96271	103158	2.55%	0.200%
61	12.104	1698	1703	1706	rBV2	110845	149040	3.68%	0.290%
62	12.139	1706	1709	1711	rVV	148207	153416	3.79%	0.298%
63	12.163	1711	1713	1715	rVV	112858	86907	2.15%	0.169%
64	12.210	1718	1721	1724	rVV	281248	265807	6.57%	0.516%
65	12.245	1724	1727	1730	rVV3	160669	240389	5.94%	0.467%
66	12.298	1733	1736	1739	rVV2	148256	149887	3.71%	0.291%
67	12.368	1745	1748	1752	rBV	959599	850607	21.03%	1.653%
68	12.416	1753	1756	1758	rBV	123534	102085	2.52%	0.198%
69	12.463	1762	1764	1767	rVB	112666	100745	2.49%	0.196%
70	12.598	1781	1787	1789	rBV	1058846	960051	23.74%	1.866%
71	12.621	1789	1791	1794	rVB2	126026	108642	2.69%	0.211%

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72	12.657	1794	1797	1801	rVB3	98981	108331	2.68%	0.211%
73	12.745	1808	1812	1815	rBV	2699089	2351765	58.15%	4.570%
74	12.815	1821	1824	1831	rVB4	159369	218076	5.39%	0.424%
75	12.910	1836	1840	1841	rVV2	149384	191145	4.73%	0.371%
76	12.927	1841	1843	1846	rVB2	183832	158070	3.91%	0.307%
77	13.027	1856	1860	1863	rBV2	143094	150189	3.71%	0.292%
78	13.121	1873	1876	1878	rVB2	127912	107253	2.65%	0.208%
79	13.151	1878	1881	1885	rVV2	114219	113296	2.80%	0.220%
80	13.227	1889	1894	1900	rVB	691654	737554	18.24%	1.433%
81	13.351	1913	1915	1921	rVB4	109622	133650	3.30%	0.260%
82	13.439	1927	1930	1934	rVB	198958	191439	4.73%	0.372%
83	13.545	1945	1948	1950	rBV	142280	116005	2.87%	0.225%
84	13.645	1962	1965	1968	rBV	263019	250671	6.20%	0.487%
85	13.792	1985	1990	1993	rBV2	1031990	1496969	37.01%	2.909%
86	13.821	1993	1995	1998	rVB	626277	481302	11.90%	0.935%
87	14.145	2047	2050	2052	rBV	74544	80657	1.99%	0.157%
88	14.180	2052	2056	2059	rVV	238642	272990	6.75%	0.530%
89	14.215	2059	2062	2066	rVV2	151575	140597	3.48%	0.273%
90	14.304	2075	2077	2079	rBV2	117744	105841	2.62%	0.206%
91	14.374	2087	2089	2094	rVB2	84346	97059	2.40%	0.189%
92	14.657	2134	2137	2140	rBV2	92516	99761	2.47%	0.194%
93	14.804	2157	2162	2165	rBV	790809	1178154	29.13%	2.289%
94	14.898	2175	2178	2183	rVB	197401	204351	5.05%	0.397%
95	15.080	2205	2209	2214	rVB	569899	646195	15.98%	1.256%
96	15.139	2214	2219	2223	rBV	586413	699861	17.30%	1.360%
97	15.192	2224	2228	2231	rVV	705068	850858	21.04%	1.653%
98	15.221	2231	2233	2242	rVB2	186435	268650	6.64%	0.522%
99	16.527	2449	2455	2461	rBV	327958	585534	14.48%	1.138%
100	16.927	2518	2523	2530	rVB	219301	404553	10.00%	0.786%

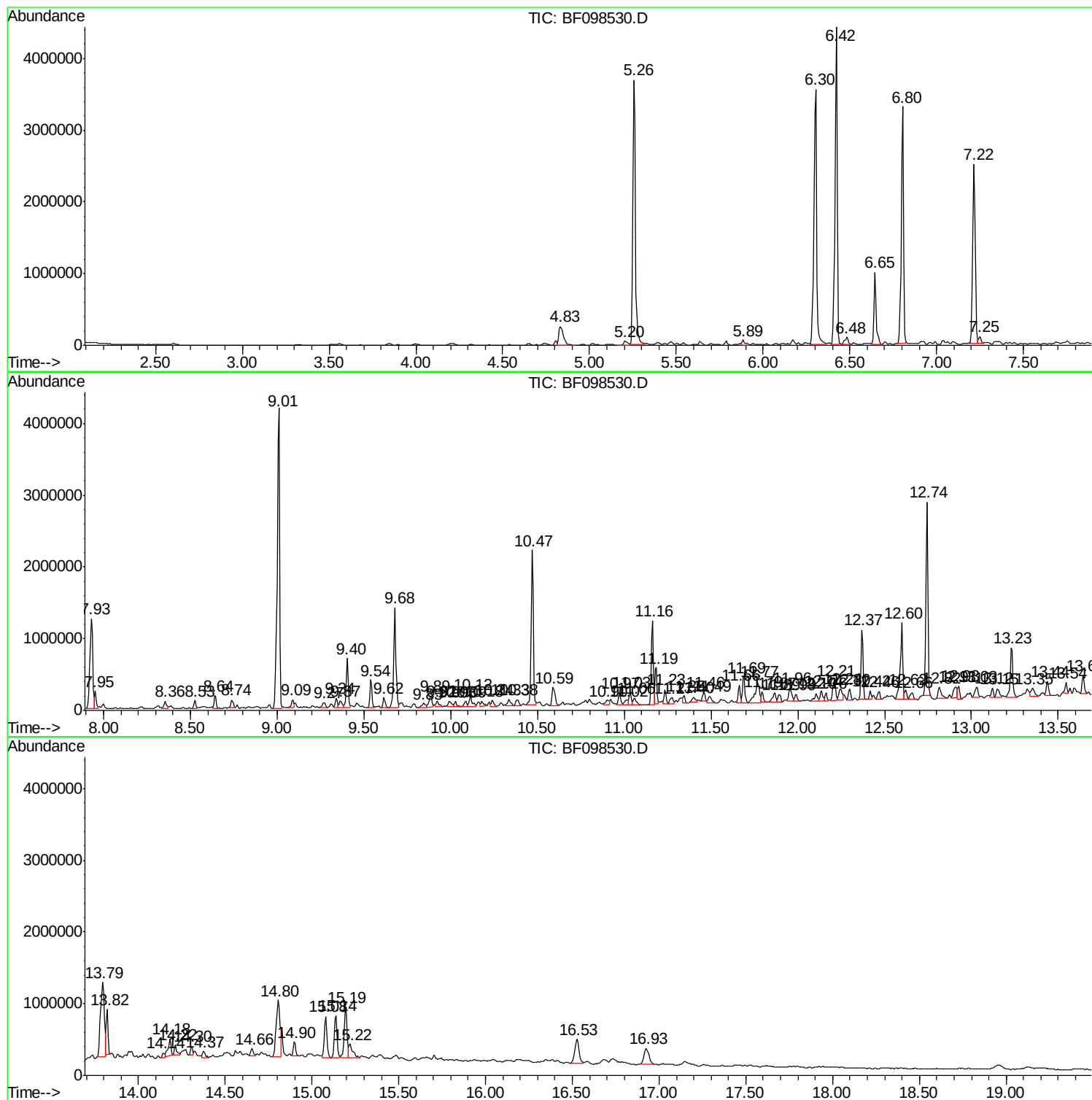
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
G-9A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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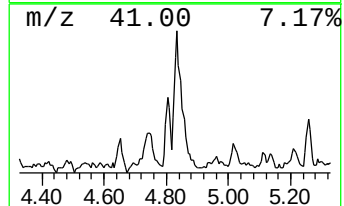
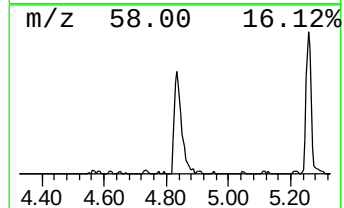
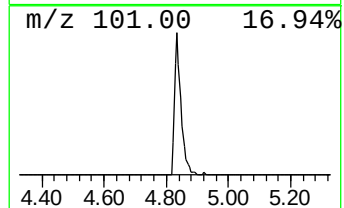
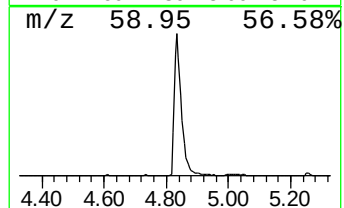
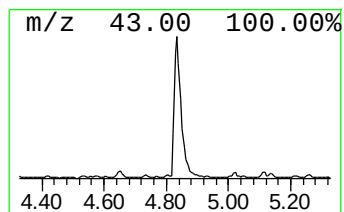
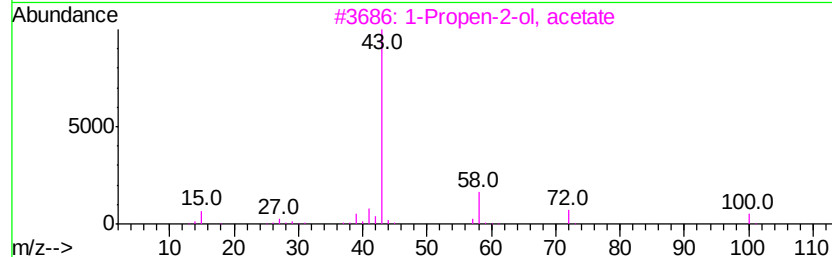
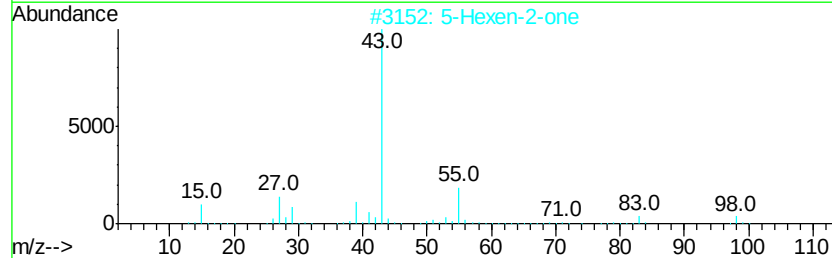
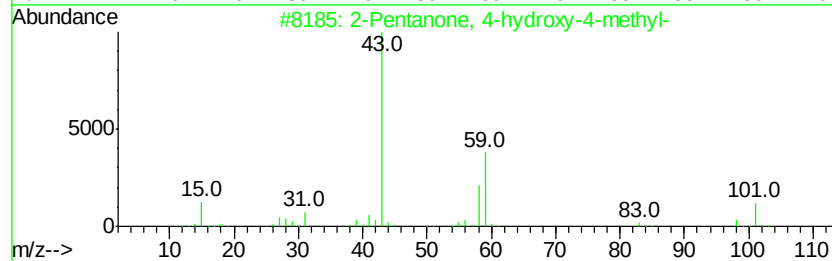
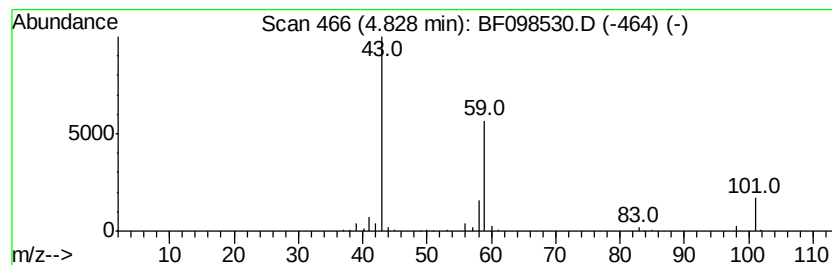
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.83	9.70 ng	432869	1,4-Dichlorobenzene-d4	6.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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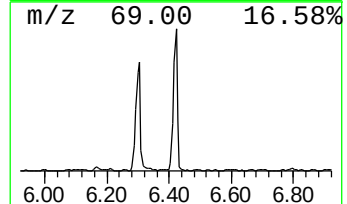
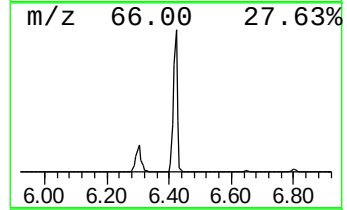
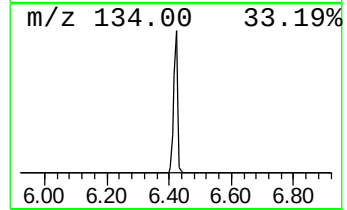
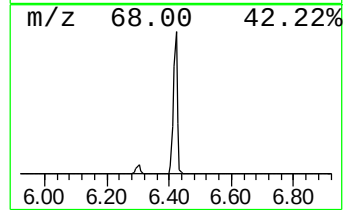
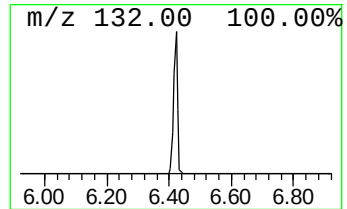
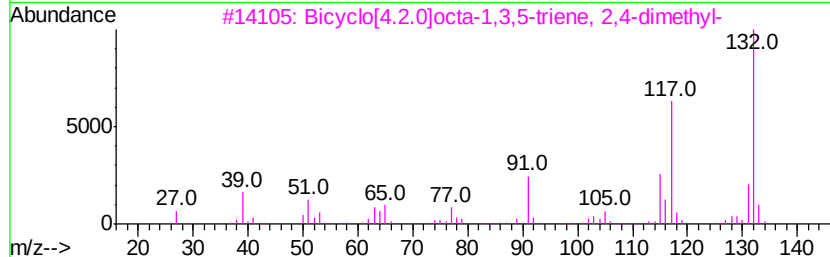
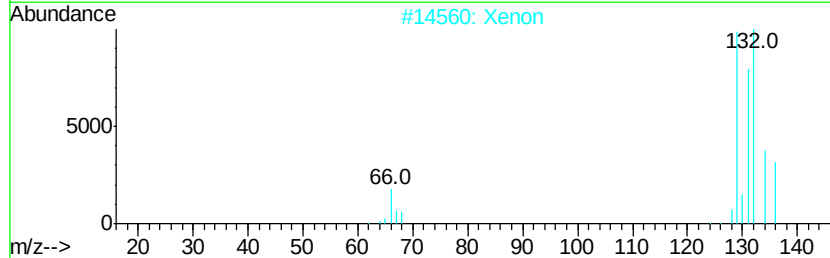
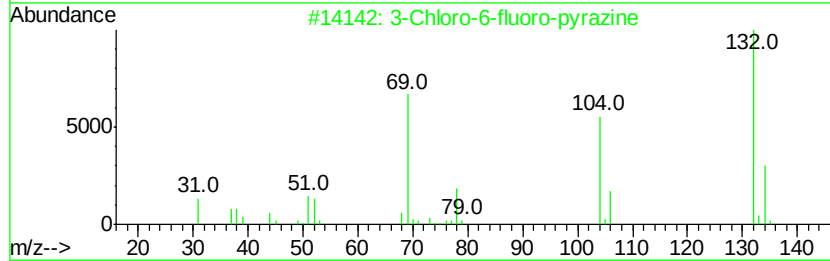
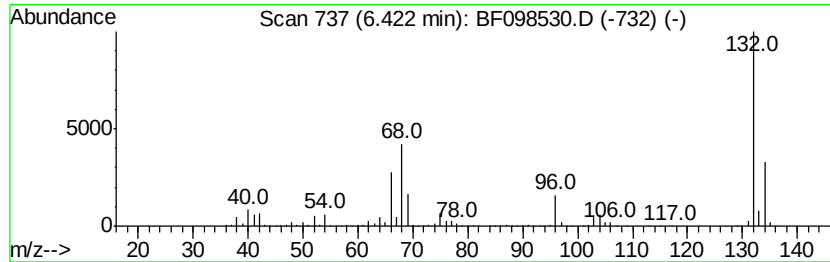
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	88.76 ng	3959560	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Xenon	132	Xe	007440-63-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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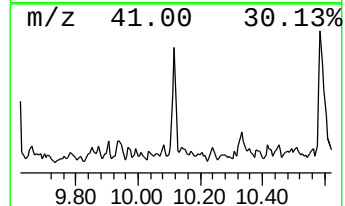
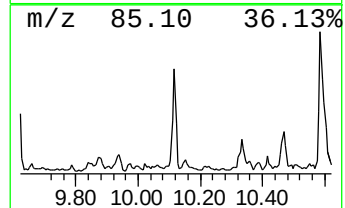
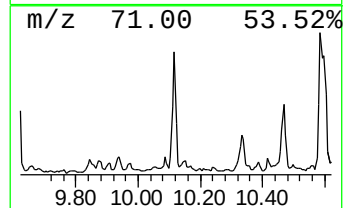
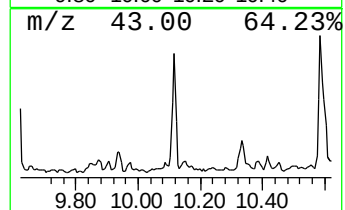
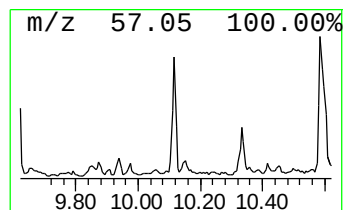
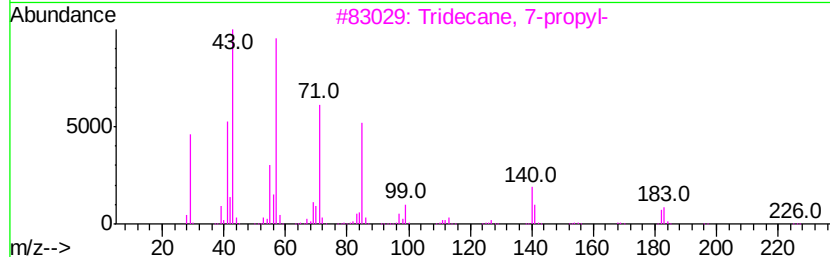
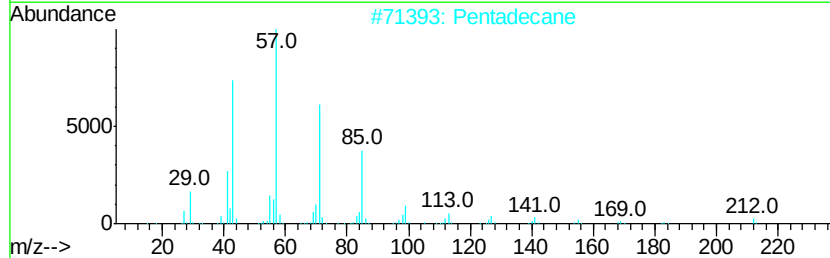
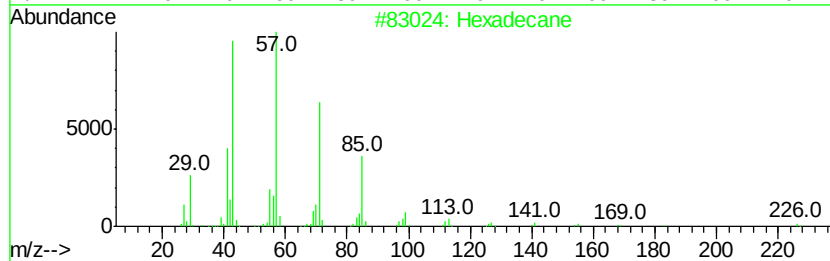
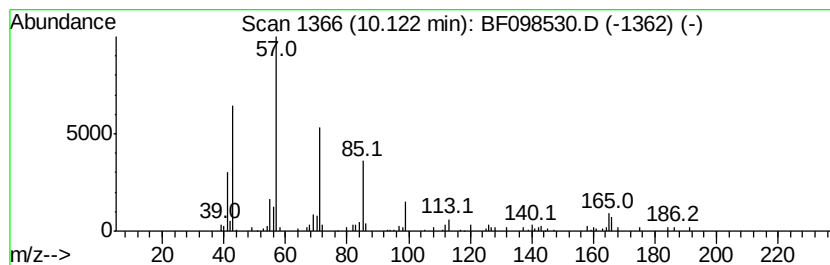
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.99 ng	186855	Acenaphthene-d10	9.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Pentadecane		212	C15H32	000629-62-9	86
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	80
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	78



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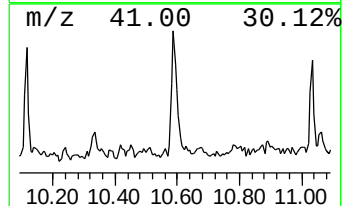
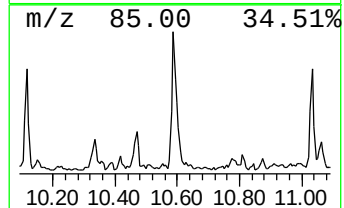
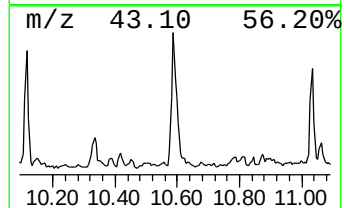
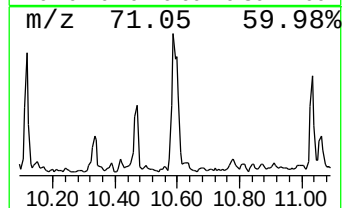
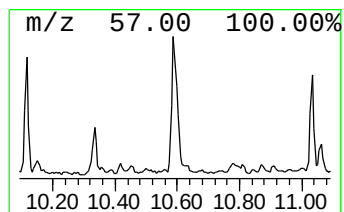
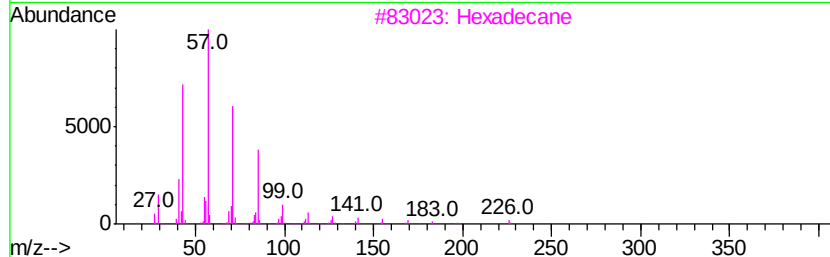
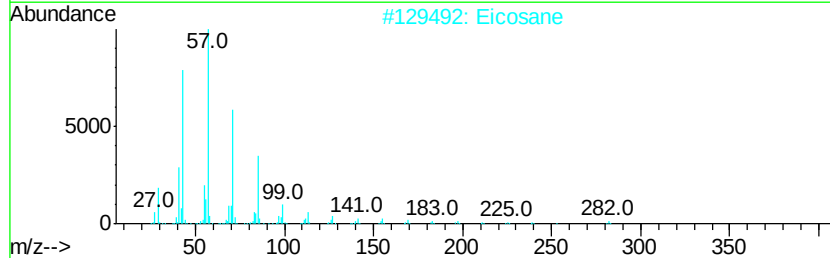
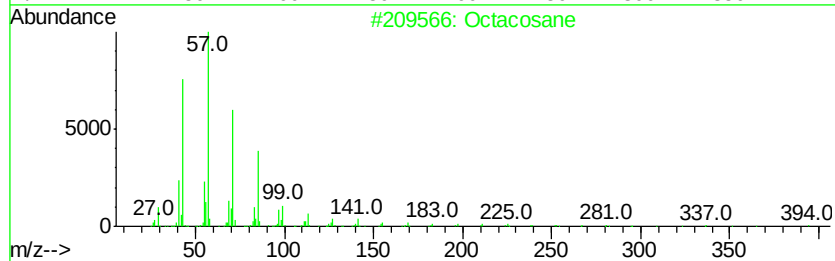
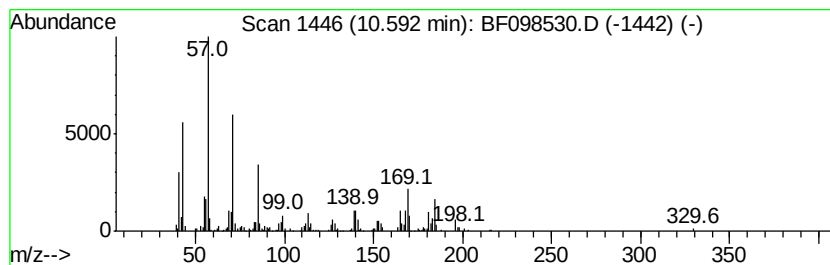
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	6.73 ng	356025	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	68
2	Eicosane		282	C20H42	000112-95-8	64
3	Hexadecane		226	C16H34	000544-76-3	64
4	Dodecane		170	C12H26	000112-40-3	64
5	Tetradecane		198	C14H30	000629-59-4	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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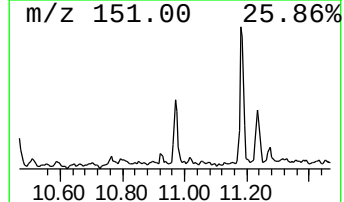
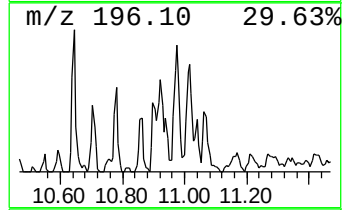
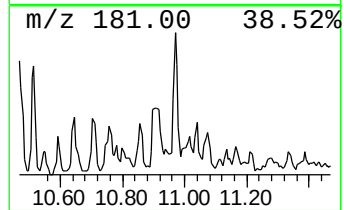
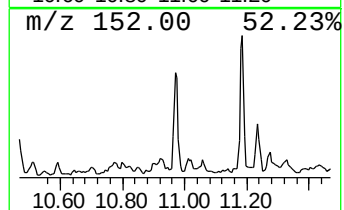
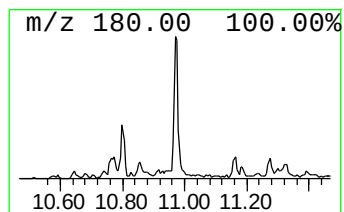
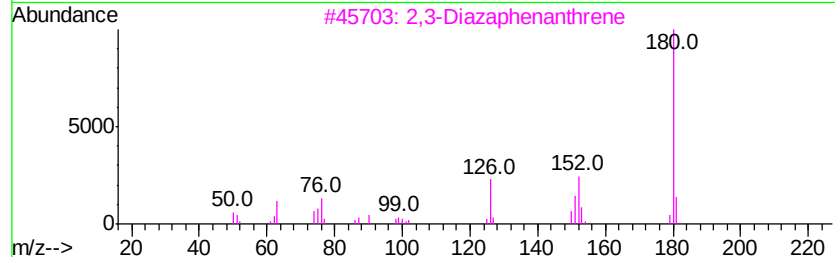
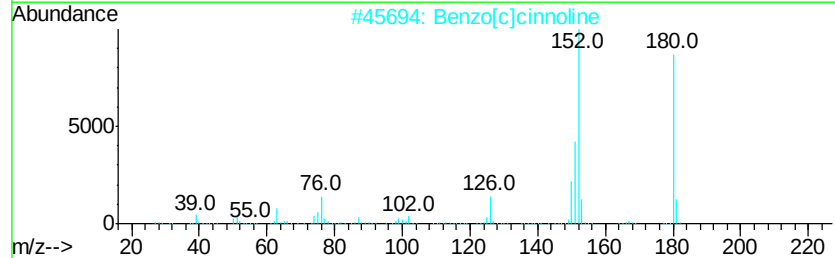
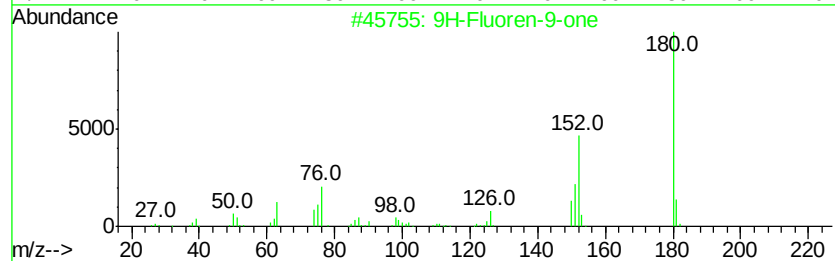
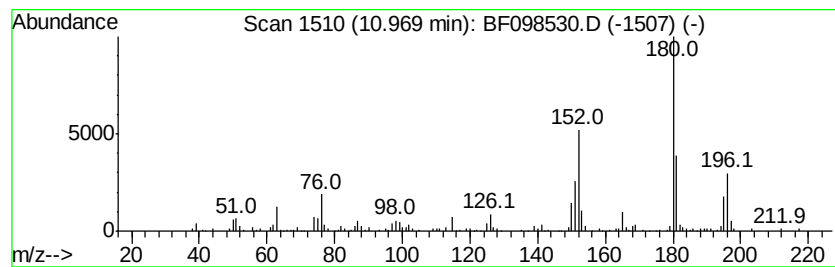
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.16 ng	167249	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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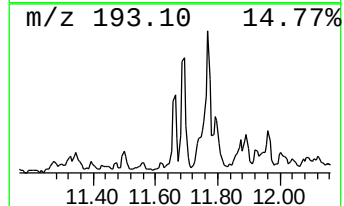
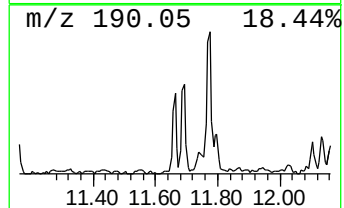
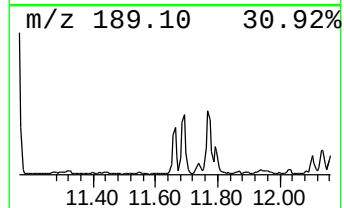
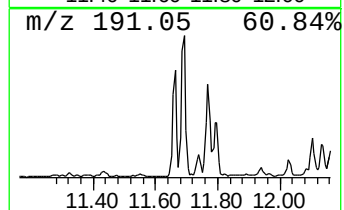
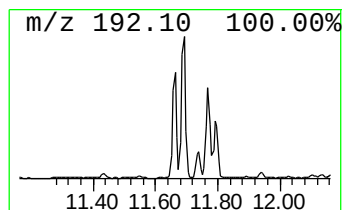
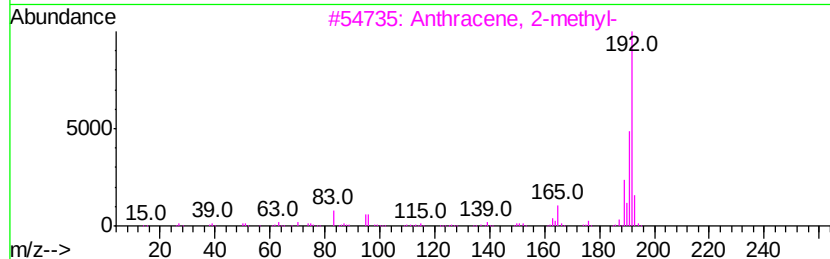
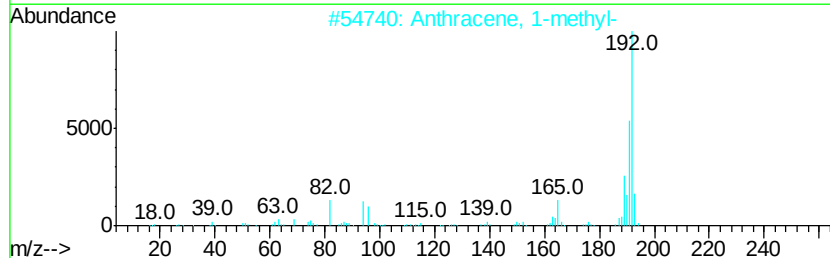
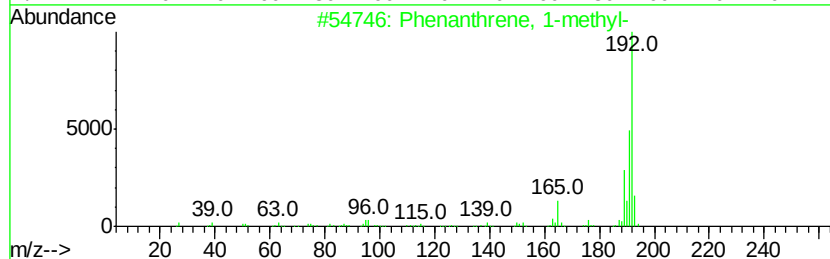
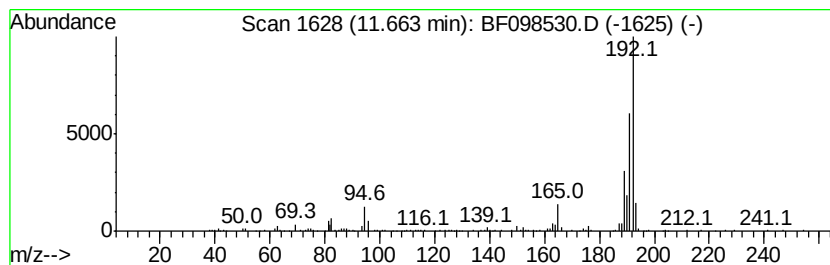
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	4.23 ng	224080	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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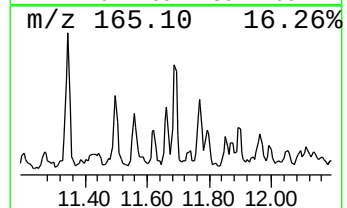
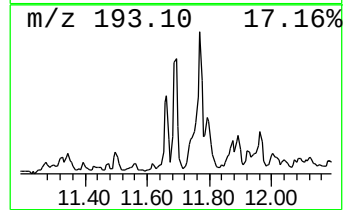
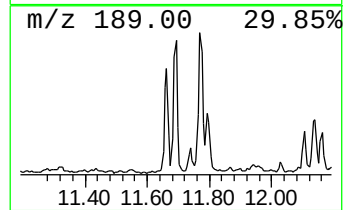
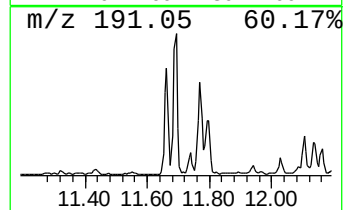
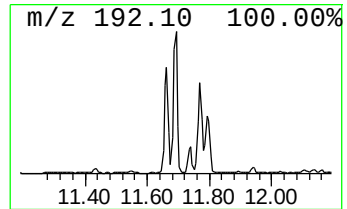
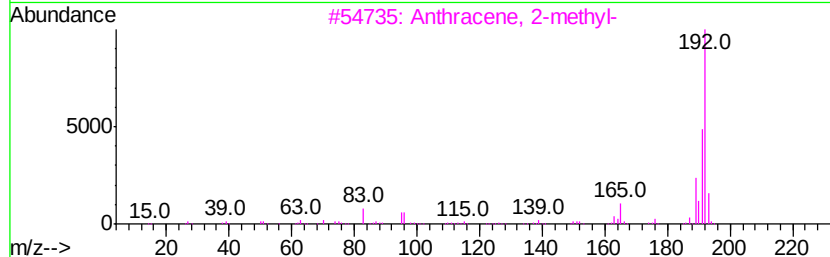
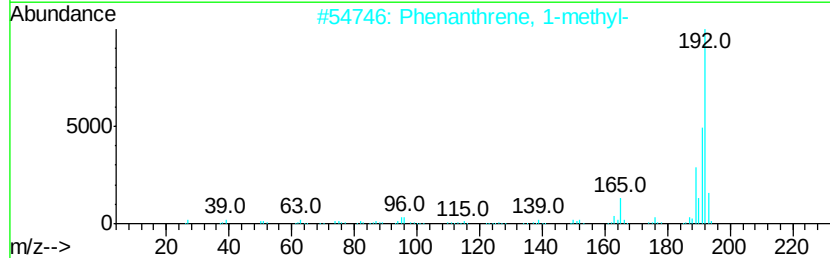
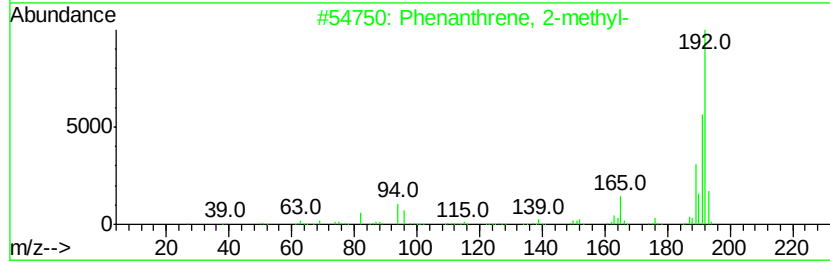
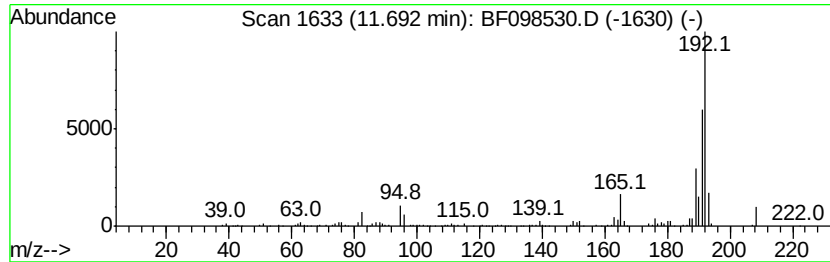
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.69	6.70 ng	354629	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



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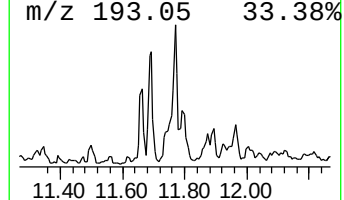
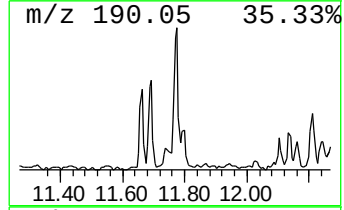
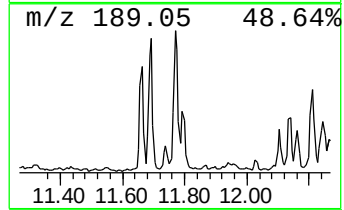
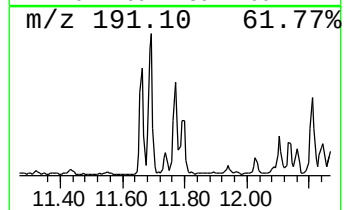
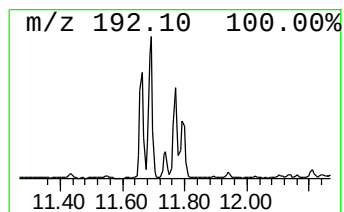
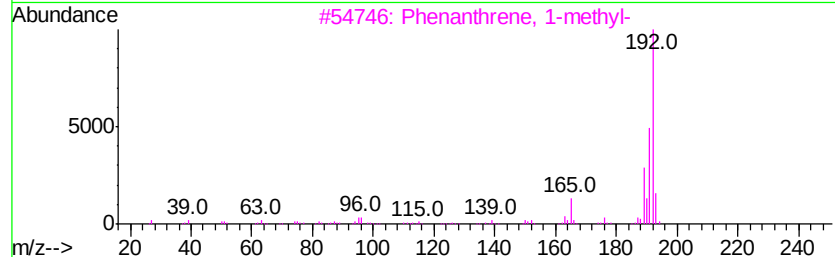
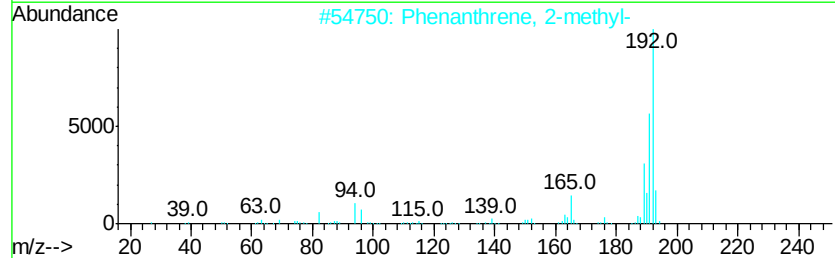
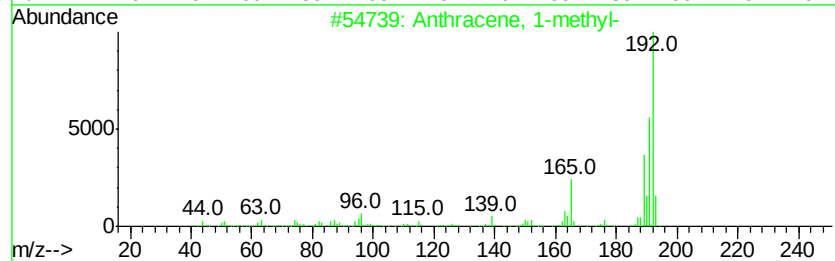
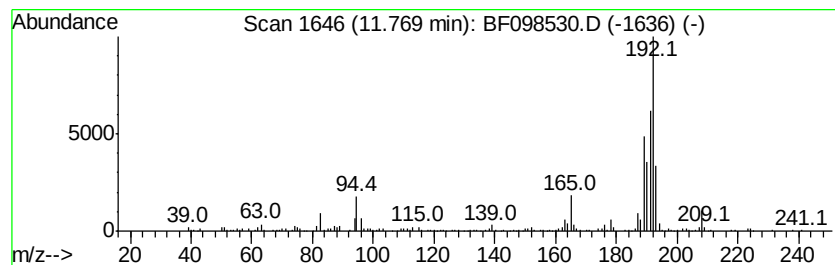
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.75 ng	516237	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	55
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	55



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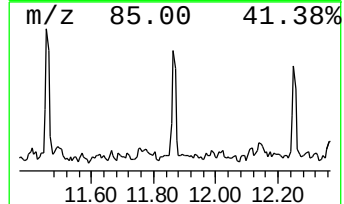
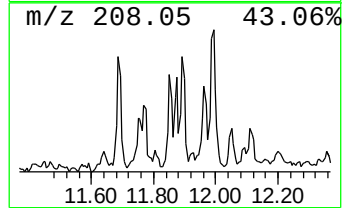
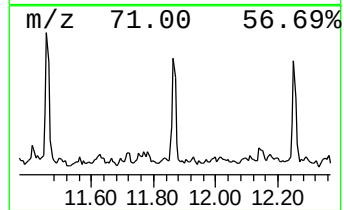
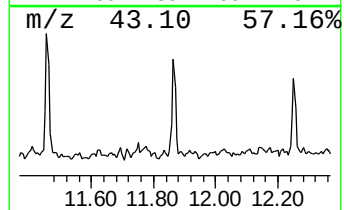
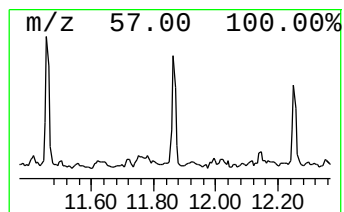
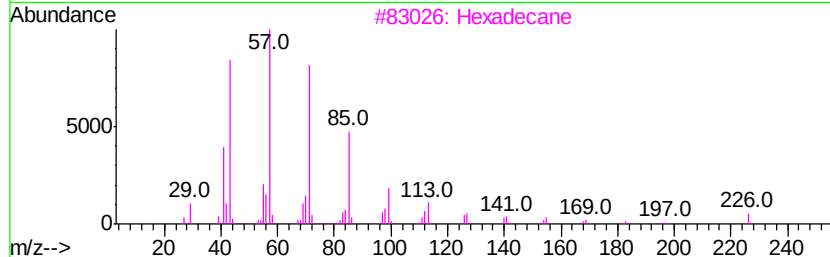
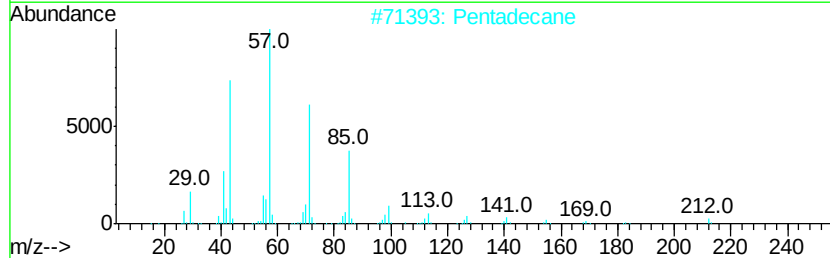
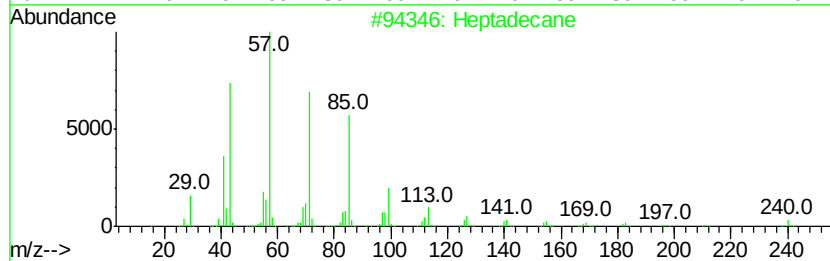
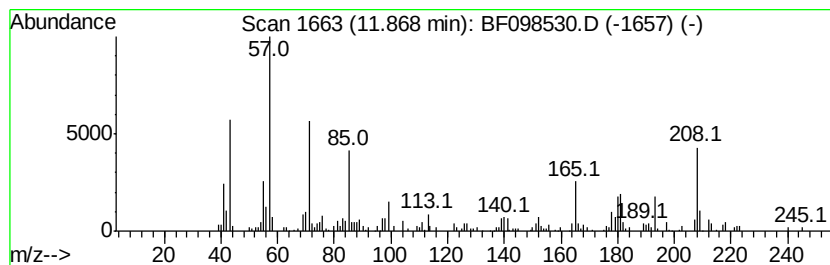
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.49 ng	184660	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	59
2		Pentadecane	212	C15H32	000629-62-9	42
3		Hexadecane	226	C16H34	000544-76-3	38
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	38
5		Tridecane	184	C13H28	000629-50-5	38



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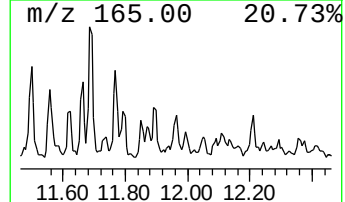
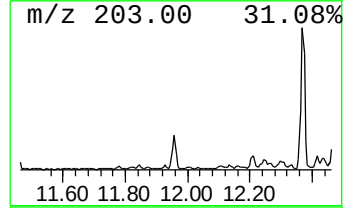
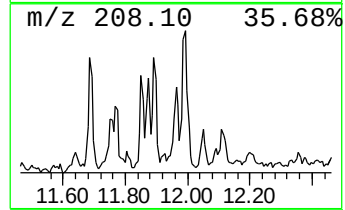
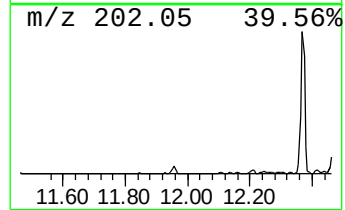
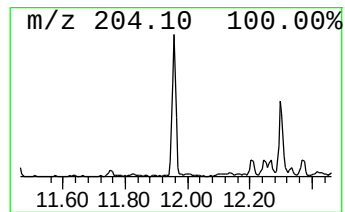
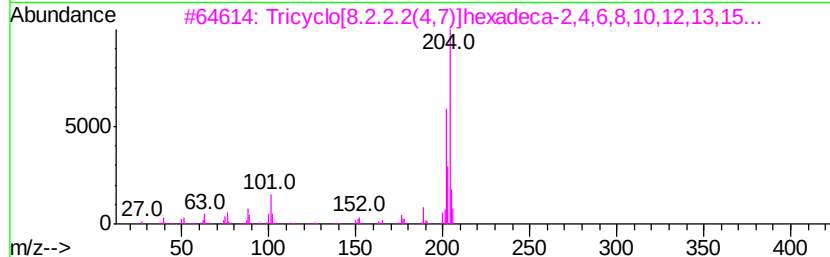
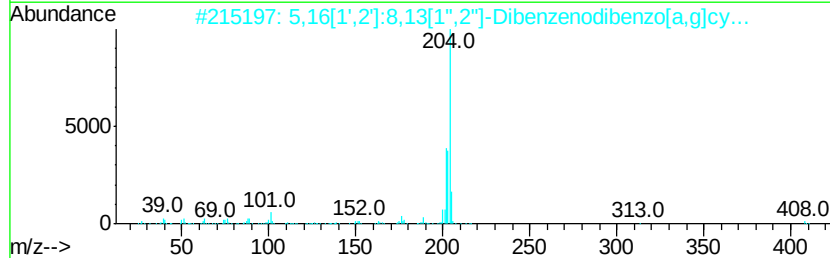
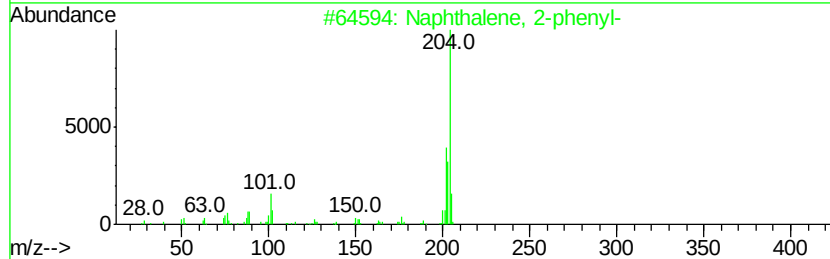
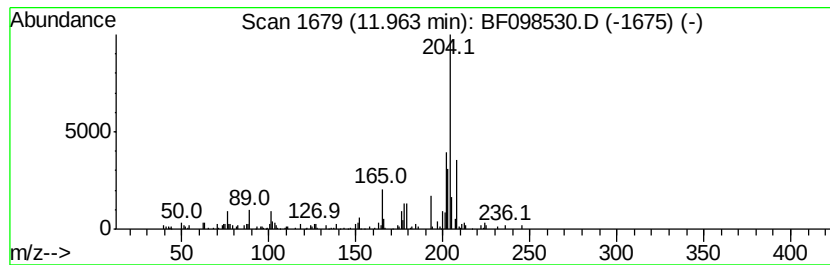
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.73 ng	197496	Phenanthrene-d10	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 96
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 86
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204 C16H12	006572-60-7 70
4		3,4-Biphenyldicarbonitrile	204 C14H8N2	004128-63-6 53
5		6-Cyanophenanthridine	204 C14H8N2	002176-28-5 49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098530.D
Acq On : 14 Sep 2017 15:40
Operator : SJ/JU
Sample : I5159-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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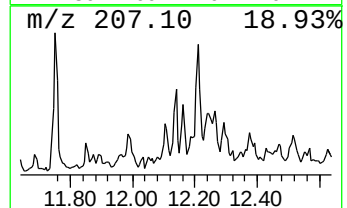
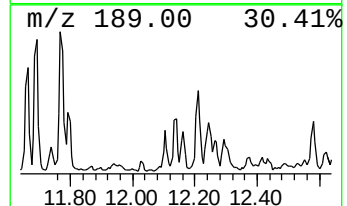
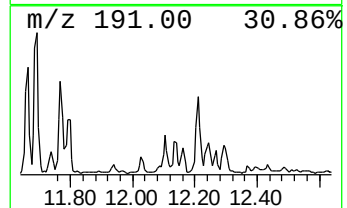
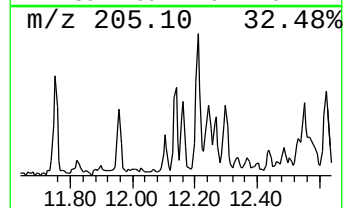
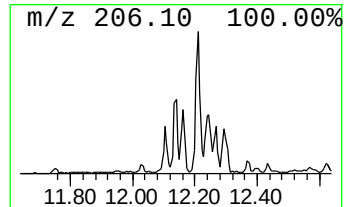
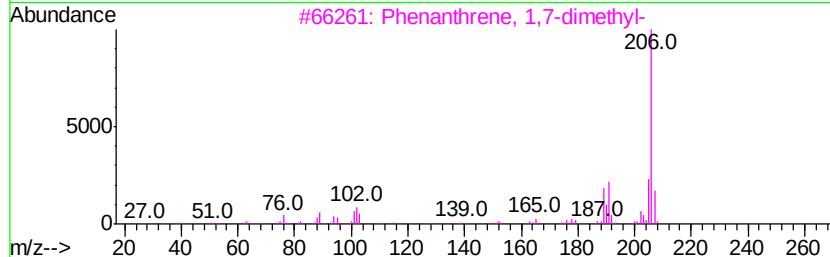
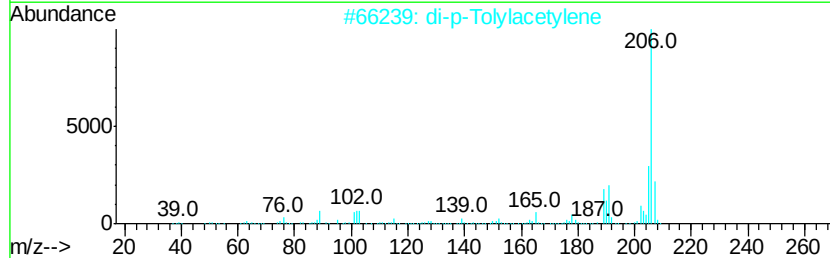
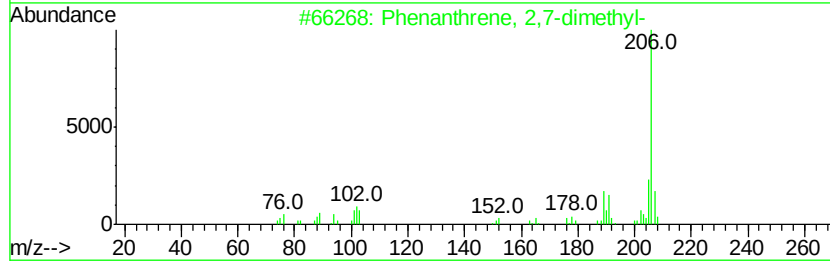
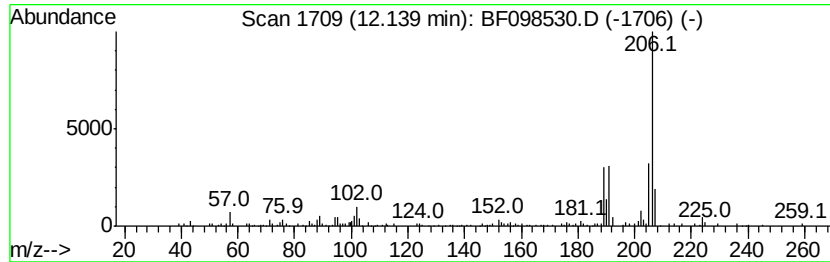
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.90 ng	153416	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	80



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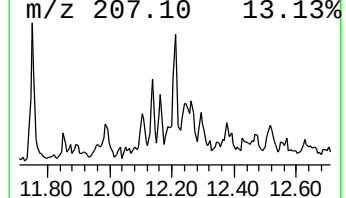
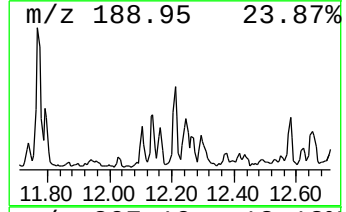
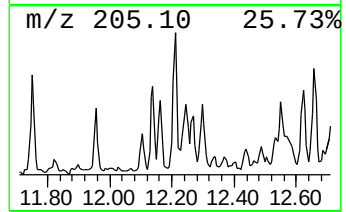
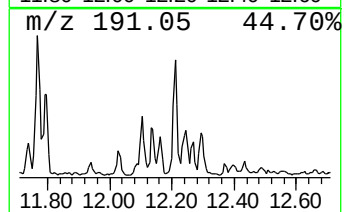
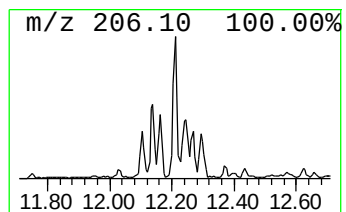
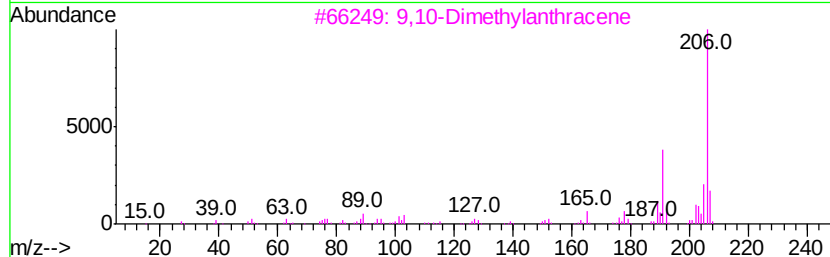
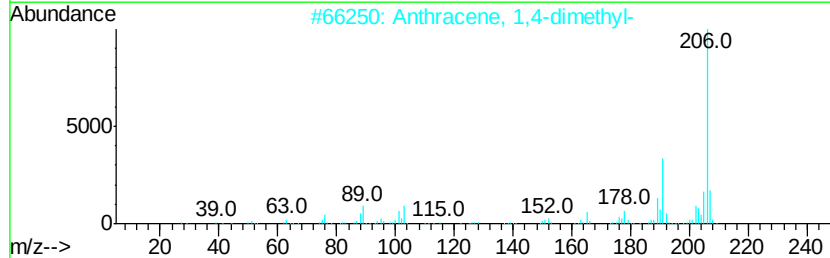
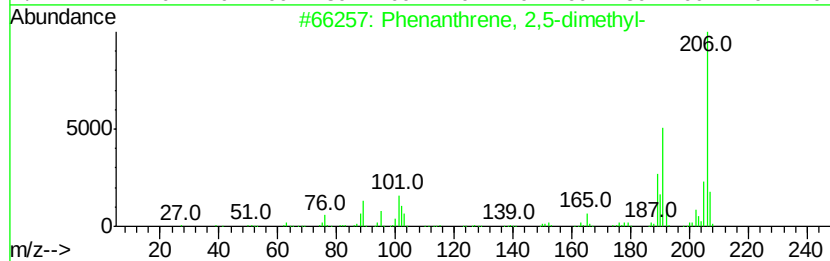
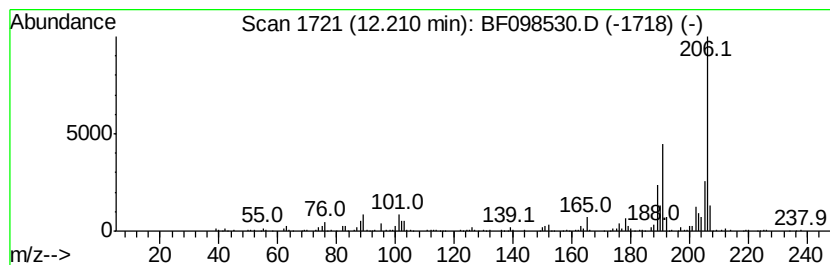
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	5.02 ng	265807	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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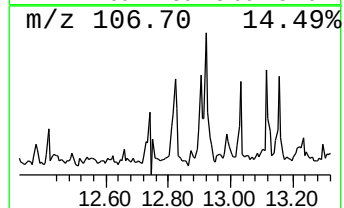
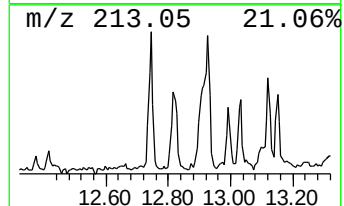
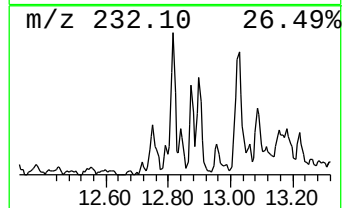
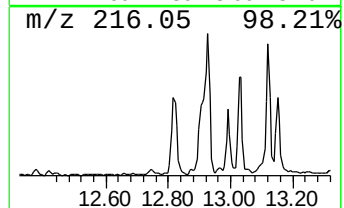
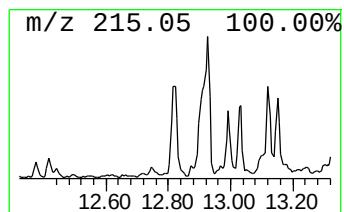
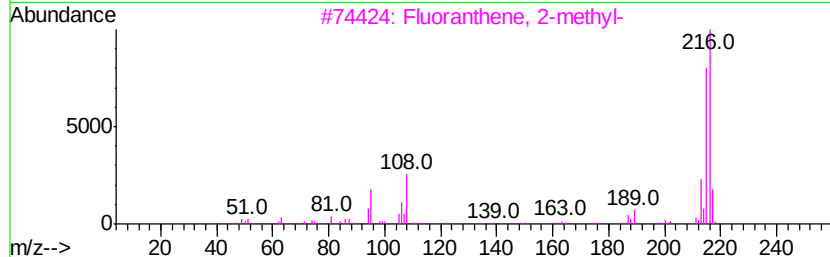
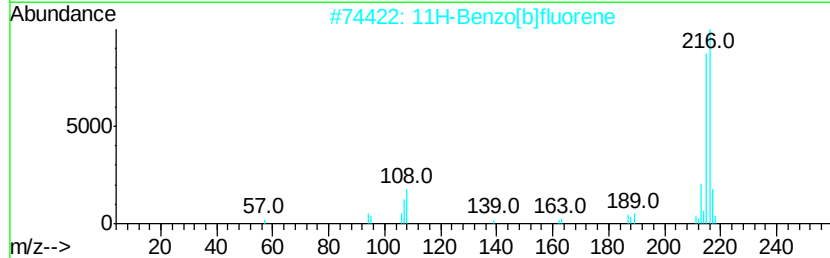
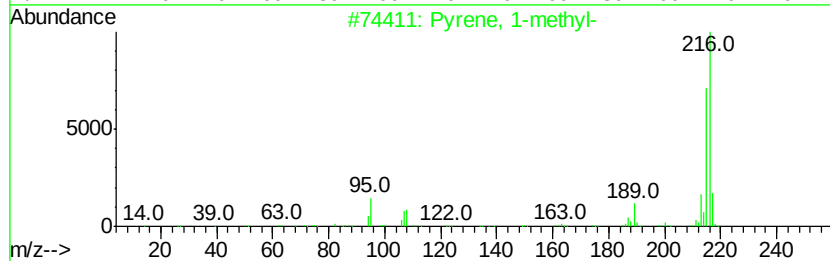
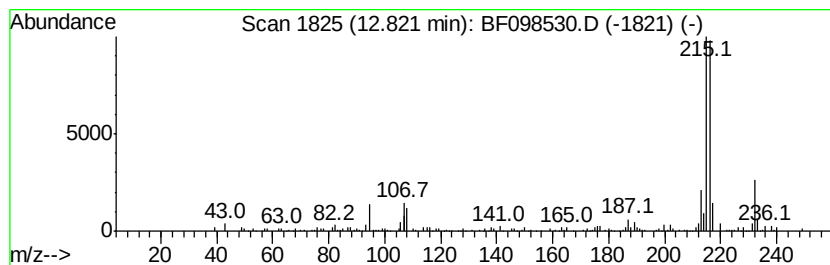
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.82	2.91 ng	218076	Chrysene-d12	13.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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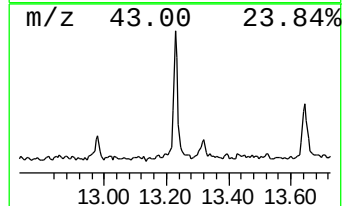
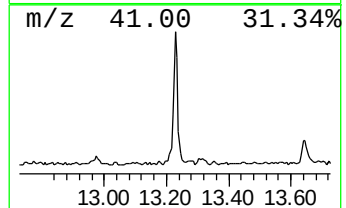
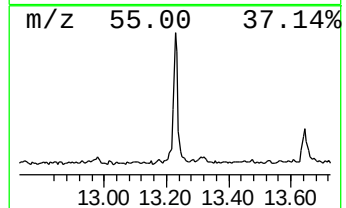
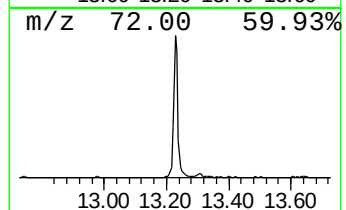
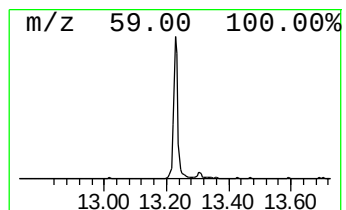
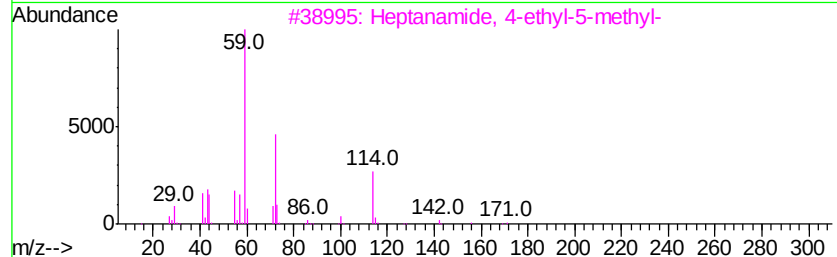
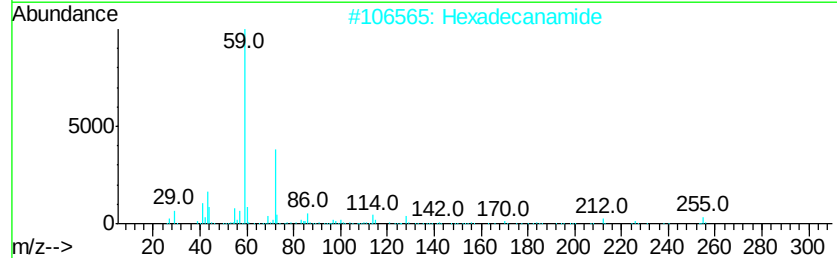
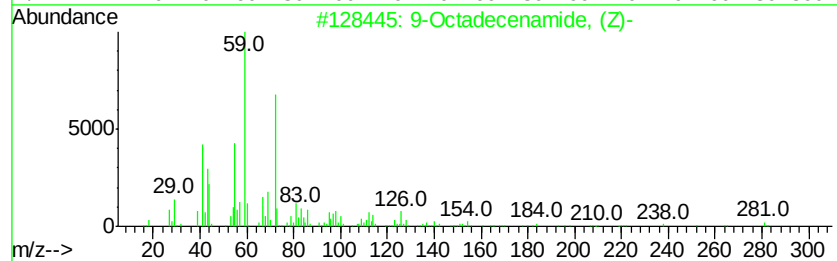
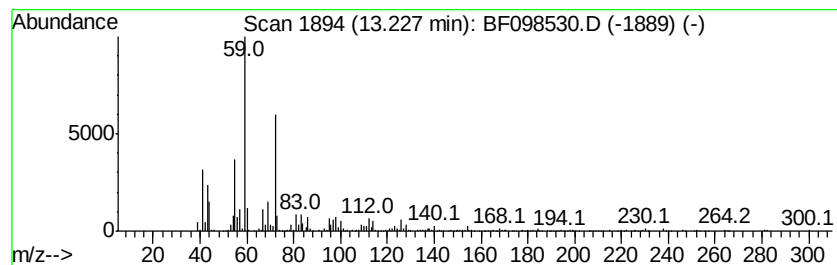
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	9.85 ng	737554	Chrysene-d12	13.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2			Hexadecanamide	255	C16H33NO	000629-54-9	59
3			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58
4			Tetradecanamide	227	C14H29NO	000638-58-4	56
5			Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50



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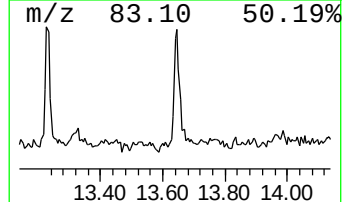
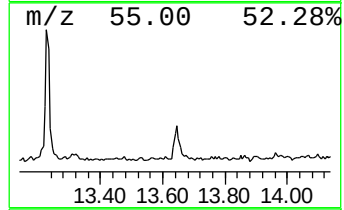
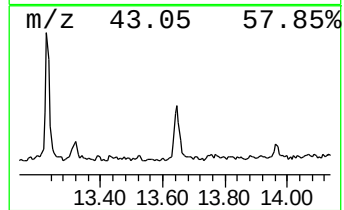
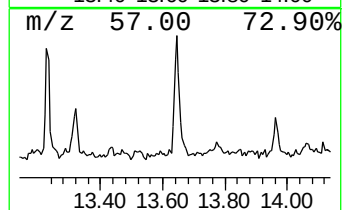
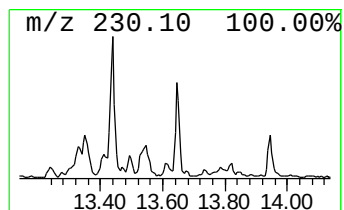
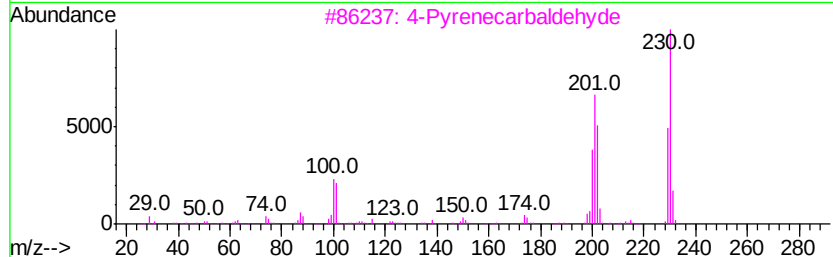
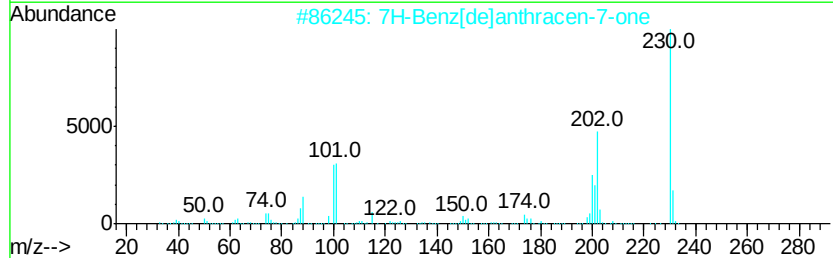
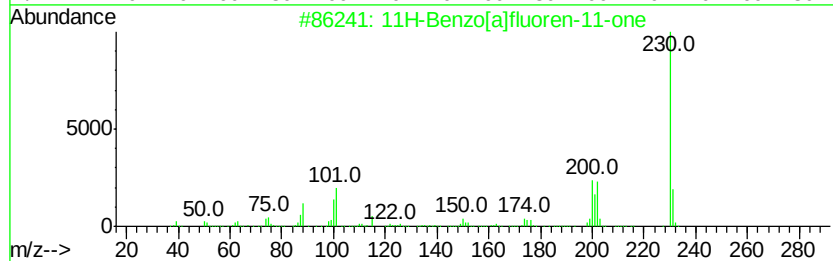
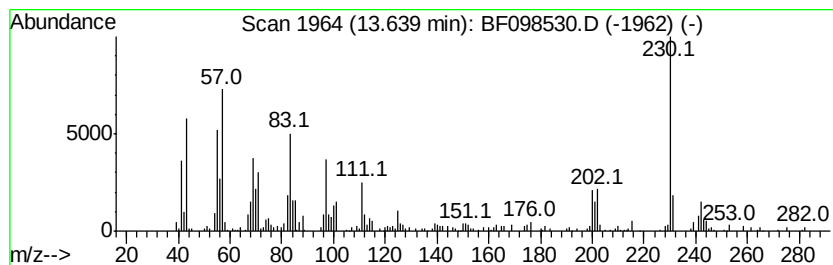
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.35 ng	250671	Chrysene-d12	13.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	62
4			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	58
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50



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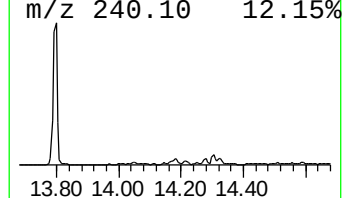
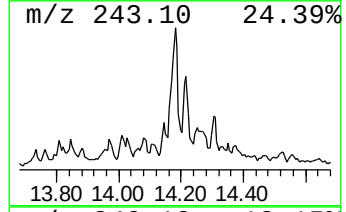
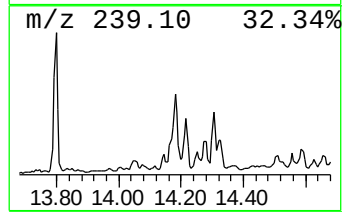
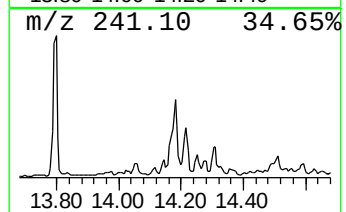
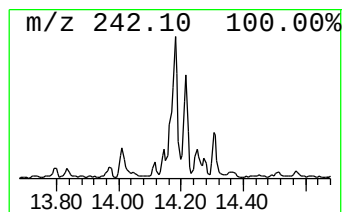
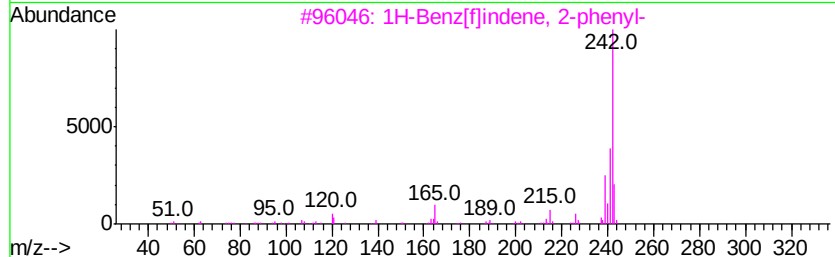
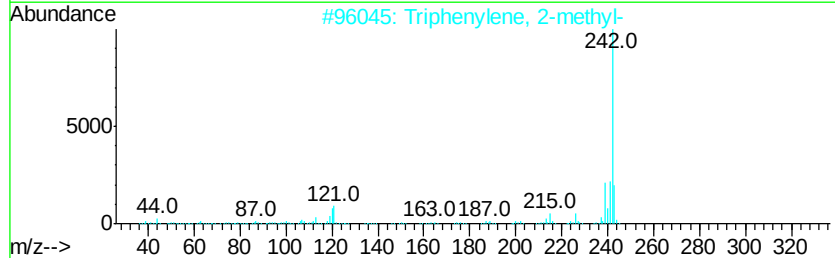
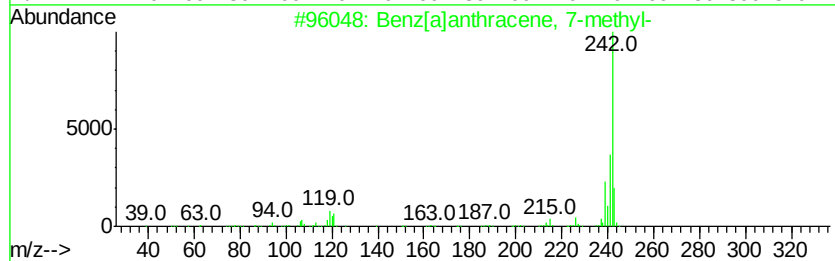
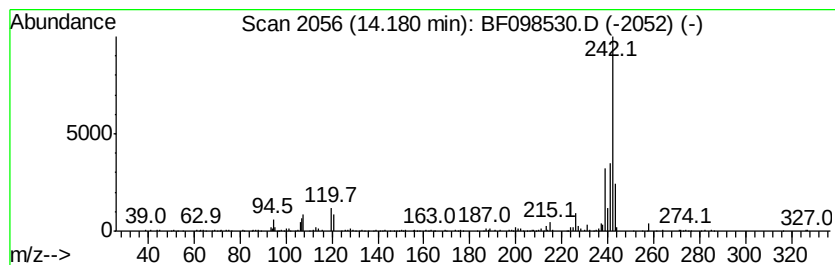
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.65 ng	272990	Chrysene-d12	13.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
3		1H-Benz[flindene, 2-phenyl-	242	C19H14	1000305-22-4	89
4		Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	89



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098530.D
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ALS Vial : 13 Sample Multiplier: 1

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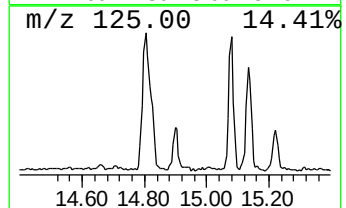
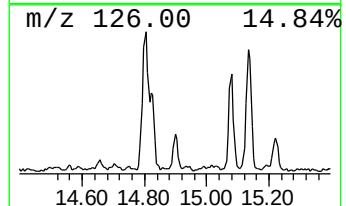
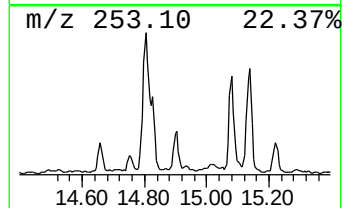
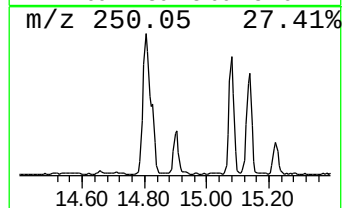
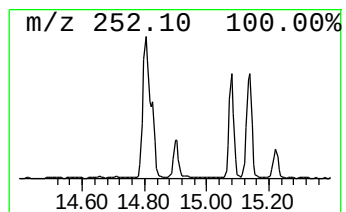
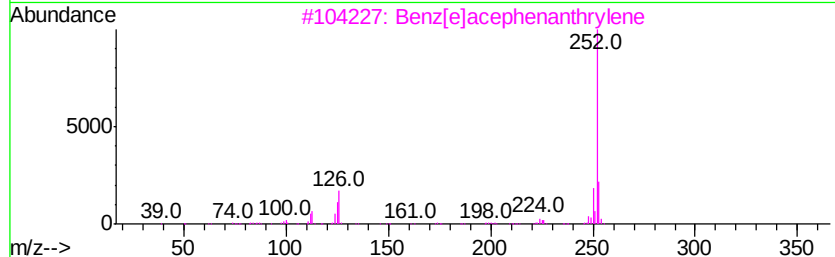
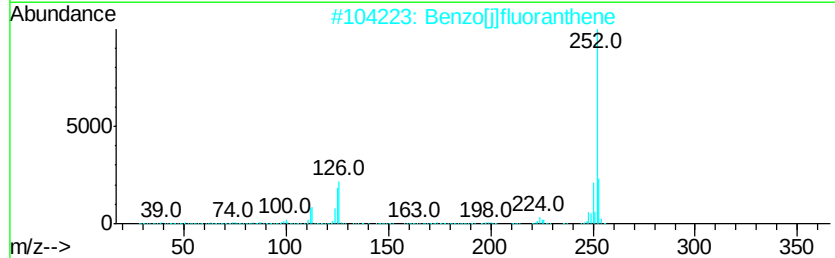
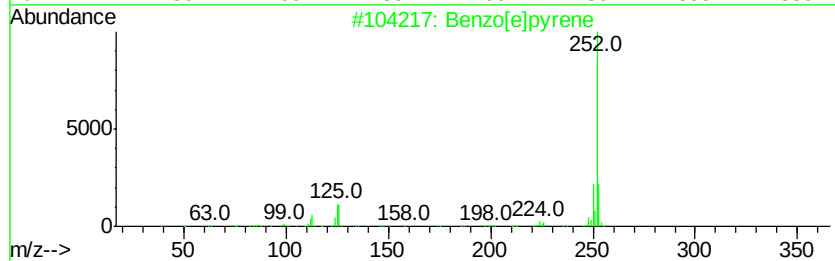
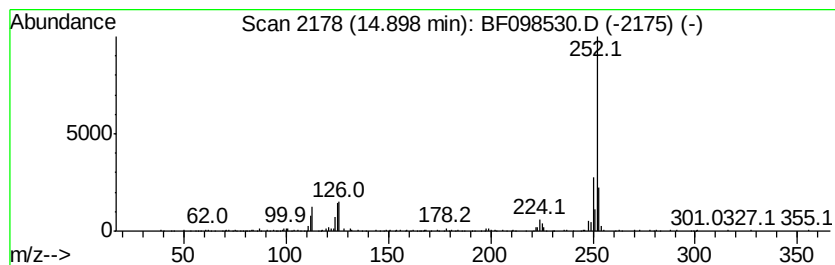
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	4.80 ng	204351	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098530.D
 Acq On : 14 Sep 2017 15:40
 Operator : SJ/JU
 Sample : I5159-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-9A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.83	9.7	ng	432869	1	6.65	892200	20.0
unknown6.42	6.42	88.8	ng	3959560	1	6.65	892200	20.0
Hexadecane	10.12	3.0	ng	186855	3	9.68	1250390	20.0
Octacosane	10.59	6.7	ng	356025	4	11.16	1058670	20.0
9H-Fluoren-9-one	10.97	3.2	ng	167249	4	11.16	1058670	20.0
Phenanthrene, 1-m...	11.66	4.2	ng	224080	4	11.16	1058670	20.0
Phenanthrene, 2-m...	11.69	6.7	ng	354629	4	11.16	1058670	20.0
Anthracene, 1-met...	11.77	9.8	ng	516237	4	11.16	1058670	20.0
Heptadecane	11.87	3.5	ng	184660	4	11.16	1058670	20.0
Naphthalene, 2-ph...	11.96	3.7	ng	197496	4	11.16	1058670	20.0
Phenanthrene, 2,7...	12.14	2.9	ng	153416	4	11.16	1058670	20.0
Phenanthrene, 2,5...	12.21	5.0	ng	265807	4	11.16	1058670	20.0
Pyrene, 1-methyl-	12.82	2.9	ng	218076	5	13.80	1496970	20.0
9-Octadecenamide, ...	13.23	9.8	ng	737554	5	13.80	1496970	20.0
11H-Benzo[a]fluor...	13.64	3.4	ng	250671	5	13.80	1496970	20.0
Benz[a]anthracene...	14.18	3.6	ng	272990	5	13.80	1496970	20.0
Benzo[e]pyrene	14.90	4.8	ng	204351	6	15.19	850858	20.0