

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096483.D
 Acq On : 5 Jul 2017 14:53
 Operator : SJ/MA
 Sample : I3871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-DUP3-20170622

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-BF070117.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	4.898	474	478	488	rBV	405833	565043	18.62%	1.445%
2	5.328	545	551	554	rBV	2918754	3034344	100.00%	7.757%
3	6.351	720	725	728	rVB	2906716	3029950	99.86%	7.746%
4	6.481	742	747	750	rBV	2850779	2847719	93.85%	7.280%
5	6.710	782	786	790	rBV	860641	688722	22.70%	1.761%
6	6.869	809	813	816	rBV	2410510	2183833	71.97%	5.583%
7	7.275	876	882	885	rBV	1747826	1704751	56.18%	4.358%
8	7.375	894	899	904	rVB2	34276	41564	1.37%	0.106%
9	7.992	1000	1004	1006	rBV	1079826	854595	28.16%	2.185%
10	8.016	1006	1008	1011	rVB	119494	97450	3.21%	0.249%
11	8.704	1122	1125	1129	rVB	77636	63872	2.10%	0.163%
12	8.804	1138	1142	1146	rBV	72537	54341	1.79%	0.139%
13	9.075	1183	1188	1191	rBV	2905322	2591667	85.41%	6.626%
14	9.328	1228	1231	1236	rBV2	27593	37573	1.24%	0.096%
15	9.404	1241	1244	1247	rBV	52699	52620	1.73%	0.135%
16	9.463	1251	1254	1257	rBV	481361	368528	12.15%	0.942%
17	9.604	1275	1278	1282	rBV	142183	115868	3.82%	0.296%
18	9.745	1297	1302	1305	rBV2	938377	827355	27.27%	2.115%
19	9.775	1305	1307	1311	rVB	122784	107475	3.54%	0.275%
20	9.951	1333	1337	1341	rVB	137749	123718	4.08%	0.316%
21	10.063	1351	1356	1359	rBV3	26346	32512	1.07%	0.083%
22	10.157	1368	1372	1376	rBV4	29480	47395	1.56%	0.121%
23	10.192	1376	1378	1381	rVB2	60261	47496	1.57%	0.121%
24	10.292	1392	1395	1401	rVB	147917	129405	4.26%	0.331%
25	10.410	1412	1415	1419	rBV4	28072	45869	1.51%	0.117%
26	10.451	1419	1422	1428	rVB	59659	65584	2.16%	0.168%
27	10.533	1431	1436	1440	rBV	1476806	1348550	44.44%	3.448%
28	10.663	1454	1458	1464	rBV2	93464	108515	3.58%	0.277%
29	10.839	1481	1488	1490	rBV3	39234	60495	1.99%	0.155%
30	10.863	1490	1492	1496	rVB3	28635	33875	1.12%	0.087%
31	10.969	1505	1510	1512	rBV3	36925	53045	1.75%	0.136%
32	11.027	1517	1520	1525	rVB	116485	114197	3.76%	0.292%
33	11.080	1525	1529	1532	rBV3	43521	58270	1.92%	0.149%
34	11.116	1532	1535	1538	rVV2	81983	94090	3.10%	0.241%

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35	11.227	1550	1554	1556	rBV	762762	682807	22.50%	1.746%
36	11.251	1556	1558	1561	rVV	1434411	1156741	38.12%	2.957%
37	11.304	1561	1567	1570	rVB	343817	332860	10.97%	0.851%
38	11.333	1570	1572	1576	rBV3	31637	33477	1.10%	0.086%
39	11.451	1587	1592	1596	rBV2	137853	160106	5.28%	0.409%
40	11.557	1608	1610	1613	rVB4	54457	44231	1.46%	0.113%
41	11.727	1633	1639	1641	rBV	233698	216615	7.14%	0.554%
42	11.757	1641	1644	1648	rVB	326504	285344	9.40%	0.729%
43	11.804	1648	1652	1655	rBV2	133857	129761	4.28%	0.332%
44	11.839	1655	1658	1660	rBV	310174	311960	10.28%	0.798%
45	11.863	1660	1662	1665	rVB	180749	138871	4.58%	0.355%
46	12.021	1686	1689	1691	rBV2	149321	137721	4.54%	0.352%
47	12.045	1691	1693	1697	rVB	125314	100305	3.31%	0.256%
48	12.098	1700	1702	1706	rBV2	30145	34763	1.15%	0.089%
49	12.174	1712	1715	1718	rVB	54577	43649	1.44%	0.112%
50	12.204	1718	1720	1722	rBV	43088	32728	1.08%	0.084%
51	12.227	1722	1724	1726	rVB	46350	37214	1.23%	0.095%
52	12.280	1726	1733	1735	rBV	155940	170819	5.63%	0.437%
53	12.316	1735	1739	1741	rVV2	67057	84408	2.78%	0.216%
54	12.333	1741	1742	1744	rVV2	59402	44461	1.47%	0.114%
55	12.357	1744	1746	1752	rVB2	126519	150462	4.96%	0.385%
56	12.439	1756	1760	1763	rBV	1603401	1422045	46.86%	3.635%
57	12.486	1765	1768	1769	rBV	42997	35359	1.17%	0.090%
58	12.527	1773	1775	1778	rVB	51227	45970	1.51%	0.118%
59	12.569	1778	1782	1783	rBV3	53965	60656	2.00%	0.155%
60	12.586	1783	1785	1789	rVB	47665	47896	1.58%	0.122%
61	12.669	1793	1799	1802	rBV	1343821	1540025	50.75%	3.937%
62	12.710	1804	1806	1812	rVB2	71012	110443	3.64%	0.282%
63	12.786	1815	1819	1820	rBV	89145	82624	2.72%	0.211%
64	12.816	1820	1824	1827	rVV	1786724	1644062	54.18%	4.203%
65	12.886	1830	1836	1839	rBV3	126381	208543	6.87%	0.533%
66	12.968	1848	1850	1852	rVV2	93990	105122	3.46%	0.269%
67	12.992	1852	1854	1857	rVB	181882	156002	5.14%	0.399%
68	13.027	1857	1860	1863	rBV4	28544	35574	1.17%	0.091%
69	13.063	1863	1866	1868	rBV	106603	99254	3.27%	0.254%
70	13.098	1868	1872	1874	rBV	208054	210949	6.95%	0.539%
71	13.121	1874	1876	1879	rVB2	54208	47334	1.56%	0.121%

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72	13.157	1879	1882	1884	rBV3	33562	36317	1.20%	0.093%
73	13.186	1884	1887	1890	rVB	112785	98225	3.24%	0.251%
74	13.216	1890	1892	1897	rBV2	109823	114348	3.77%	0.292%
75	13.292	1902	1905	1911	rBV3	77625	85556	2.82%	0.219%
76	13.398	1915	1923	1928	rBV8	57513	172337	5.68%	0.441%
77	13.498	1936	1940	1945	rVB	183909	200985	6.62%	0.514%
78	13.604	1954	1958	1962	rBV2	148392	209989	6.92%	0.537%
79	13.639	1962	1964	1966	rBV	104677	75970	2.50%	0.194%
80	13.663	1966	1968	1972	rVB2	73539	81001	2.67%	0.207%
81	13.704	1972	1975	1976	rBV2	157028	136113	4.49%	0.348%
82	13.857	1994	2001	2004	rBV3	1087530	1600460	52.74%	4.092%
83	13.886	2004	2006	2009	rVB	700341	543162	17.90%	1.389%
84	13.963	2017	2019	2021	rVB	65886	47068	1.55%	0.120%
85	14.045	2031	2033	2035	rVB2	84035	60858	2.01%	0.156%
86	14.080	2035	2039	2043	rBV2	71890	98602	3.25%	0.252%
87	14.115	2043	2045	2048	rVB2	44265	32981	1.09%	0.084%
88	14.210	2059	2061	2063	rBV2	58946	56485	1.86%	0.144%
89	14.245	2064	2067	2070	rVV	170752	188367	6.21%	0.482%
90	14.280	2070	2073	2076	rVB2	111075	103639	3.42%	0.265%
91	14.368	2086	2088	2090	rBV	81158	67631	2.23%	0.173%
92	14.392	2090	2092	2095	rVB3	65737	59722	1.97%	0.153%
93	14.874	2169	2174	2177	rBV2	558071	849290	27.99%	2.171%
94	14.974	2188	2191	2195	rVB	124354	134119	4.42%	0.343%
95	15.157	2218	2222	2227	rVB	340582	427173	14.08%	1.092%
96	15.215	2227	2232	2237	rBV	429526	544077	17.93%	1.391%
97	15.274	2237	2242	2244	rVV	352899	455036	15.00%	1.163%
98	15.298	2244	2246	2255	rVB2	137183	211052	6.96%	0.540%
99	16.633	2468	2473	2482	rVB2	179861	348254	11.48%	0.890%
100	17.039	2537	2542	2551	rVB	137964	266183	8.77%	0.680%

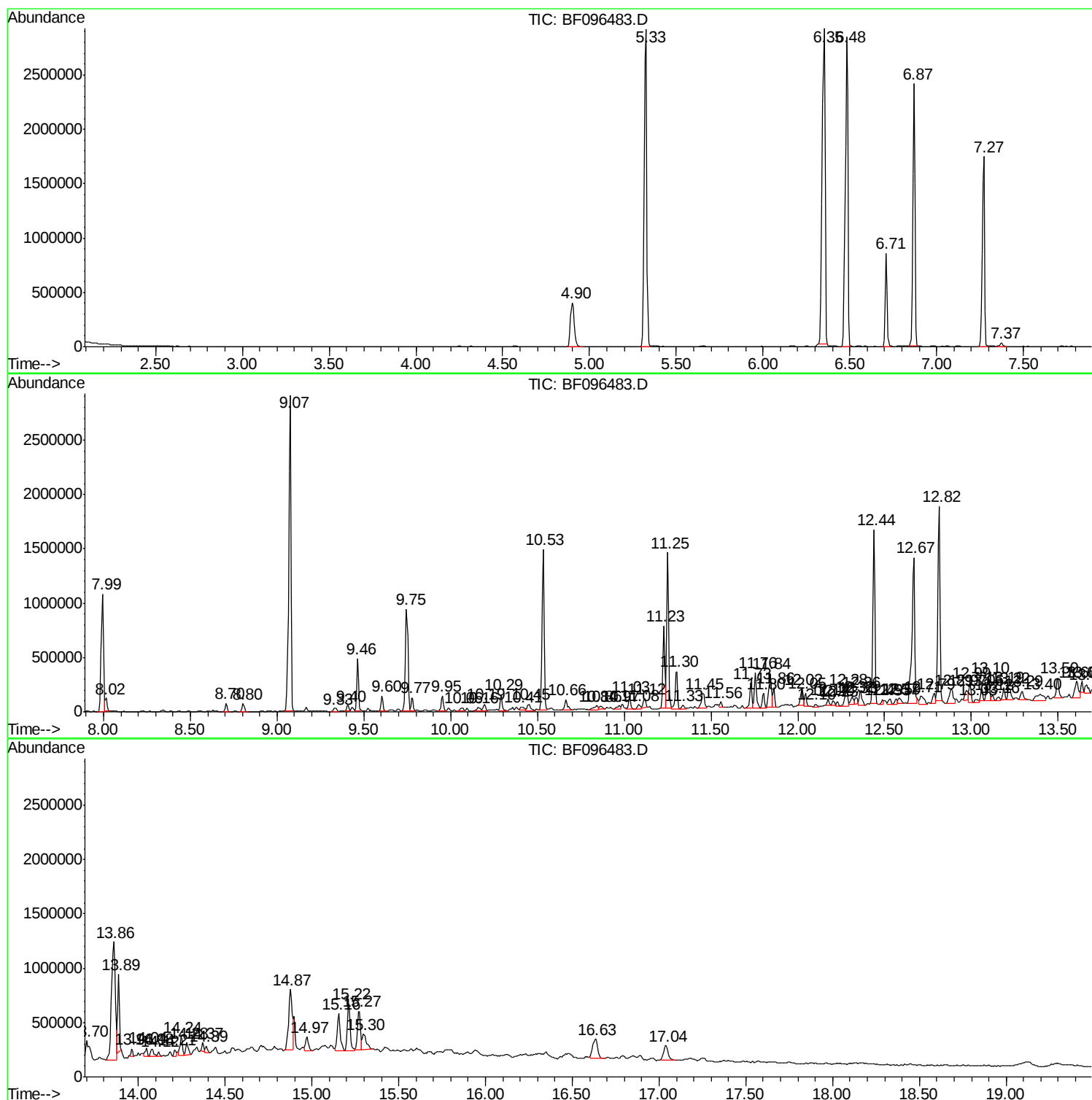
Sum of corrected areas: 39116447

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.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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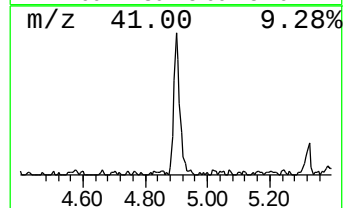
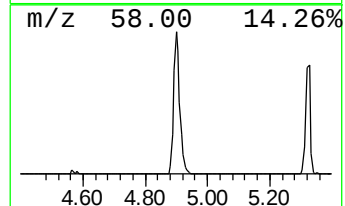
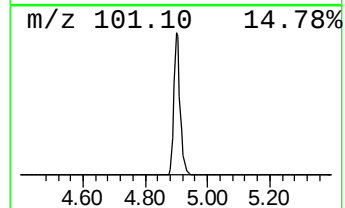
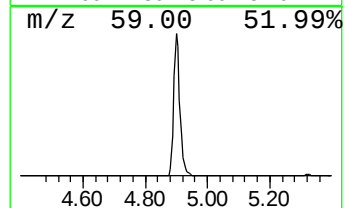
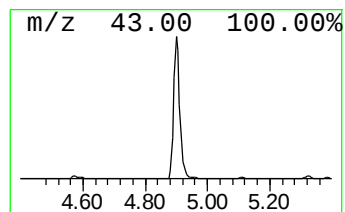
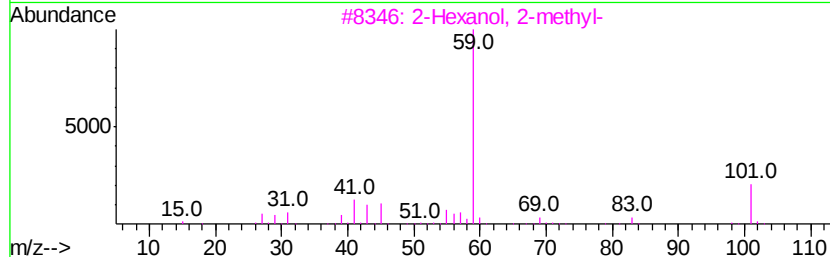
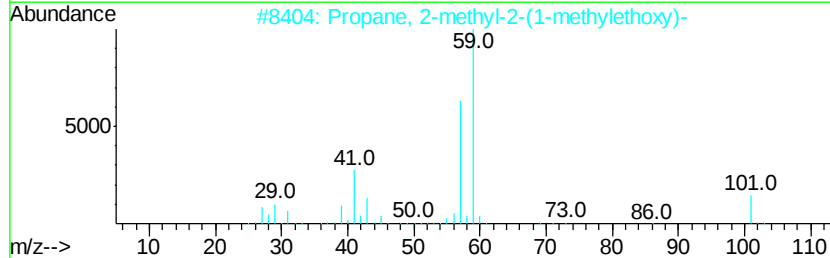
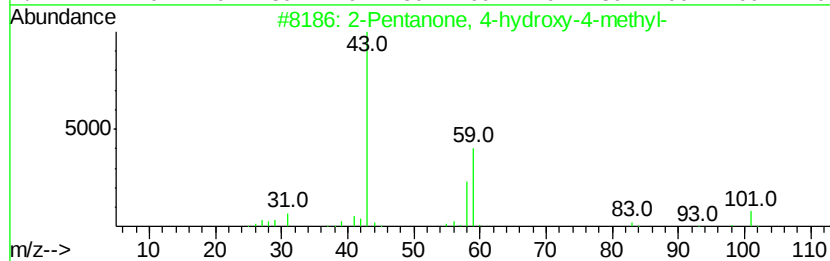
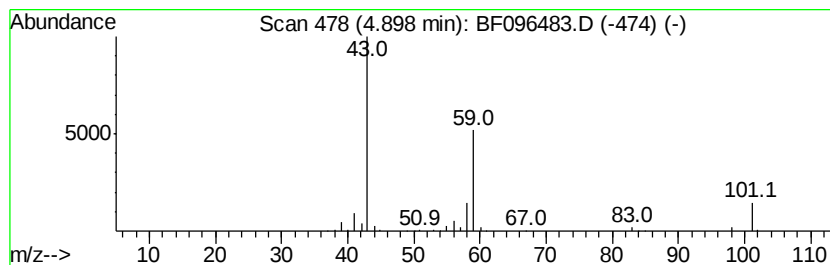
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.41 ng	565043	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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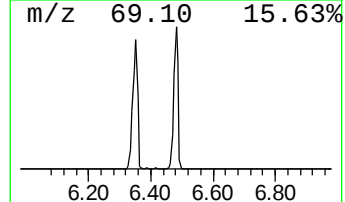
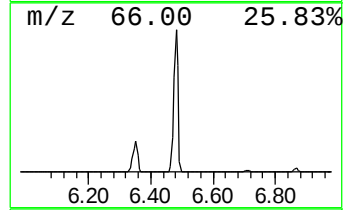
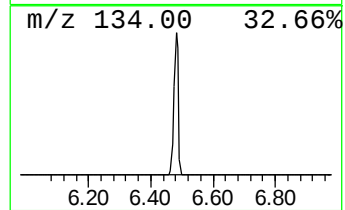
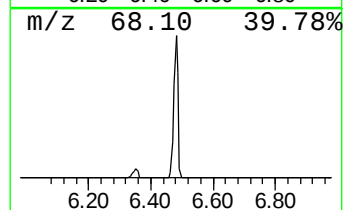
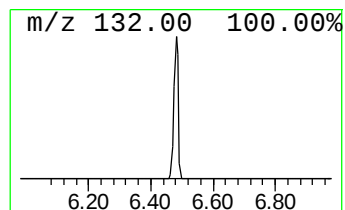
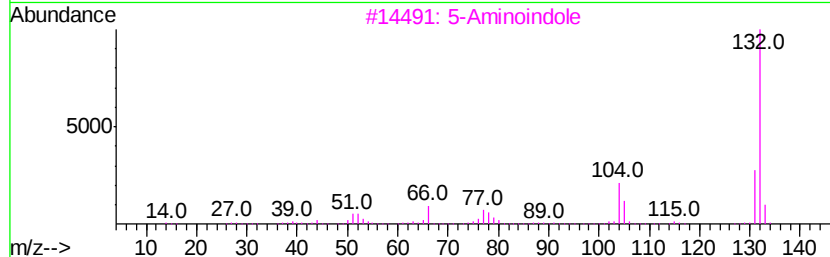
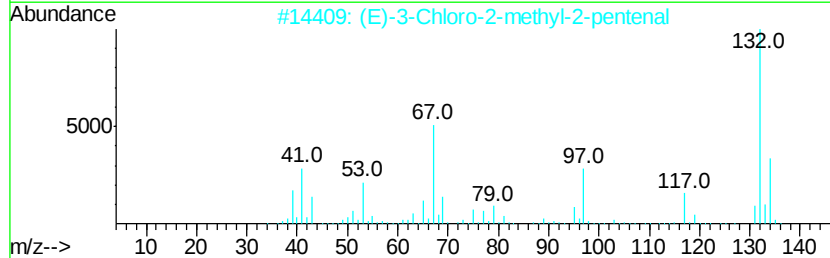
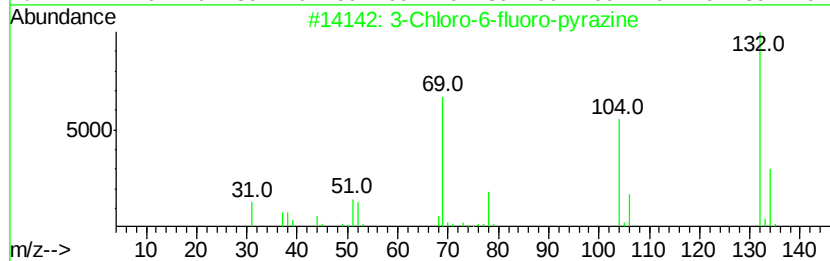
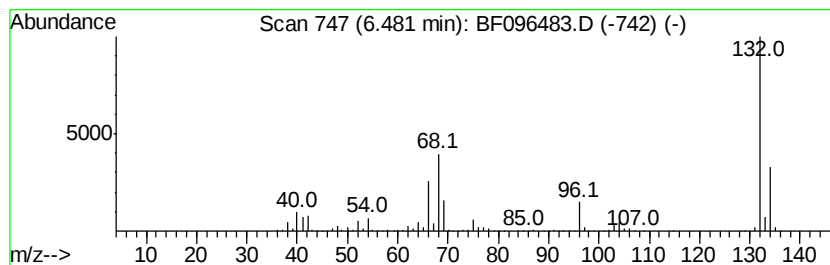
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	82.70 ng	2847720	1,4-Dichlorobenzene-d4	6.71

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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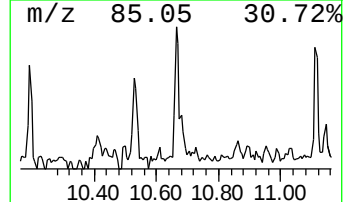
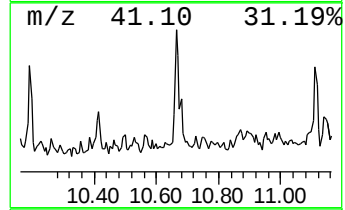
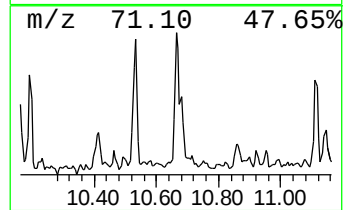
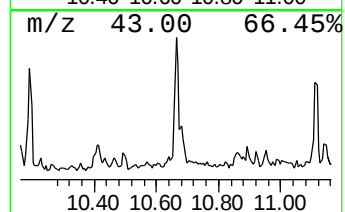
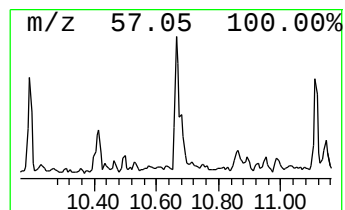
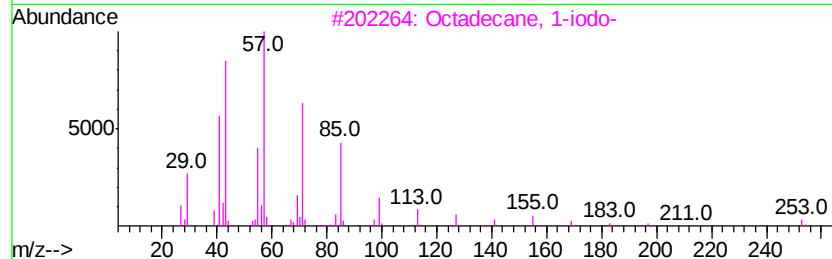
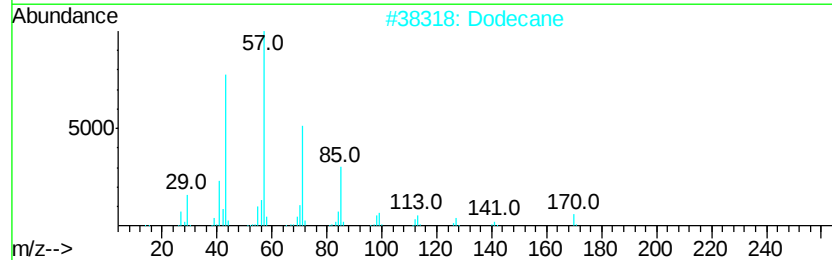
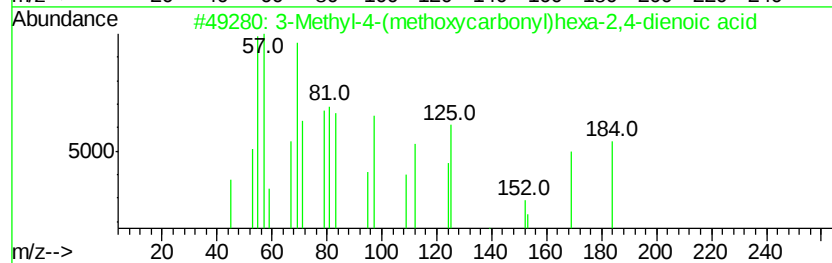
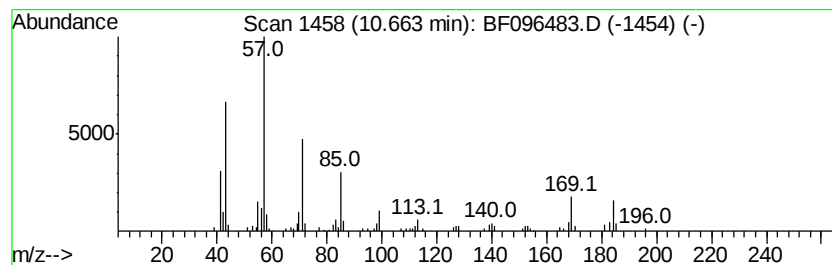
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TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.66	3.18 ng	108515	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Dodecane	170	C12H26	000112-40-3	70
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
4	Tetradecane	198	C14H30	000629-59-4	58
5	Pentadecane	212	C15H32	000629-62-9	58



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Data File : BF096483.D
Acq On : 5 Jul 2017 14:53
Operator : SJ/MA
Sample : I3871-02
Misc :
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Instrument :
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ClientSampleId :
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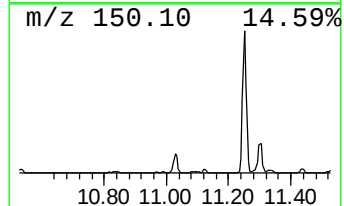
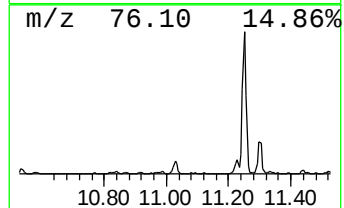
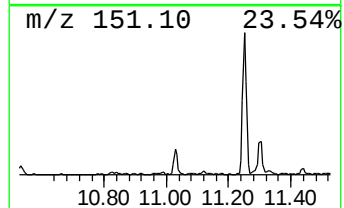
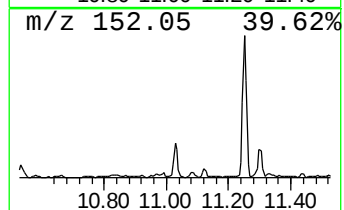
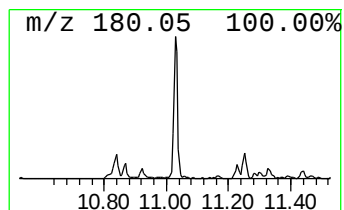
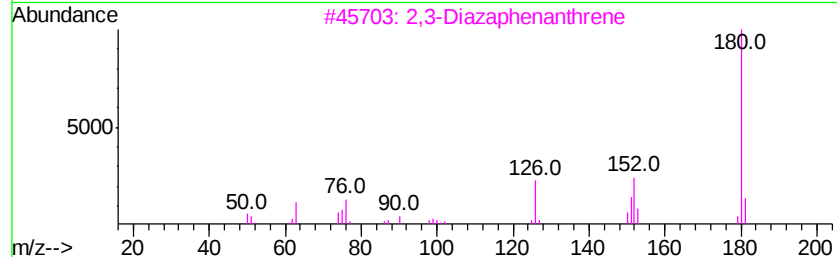
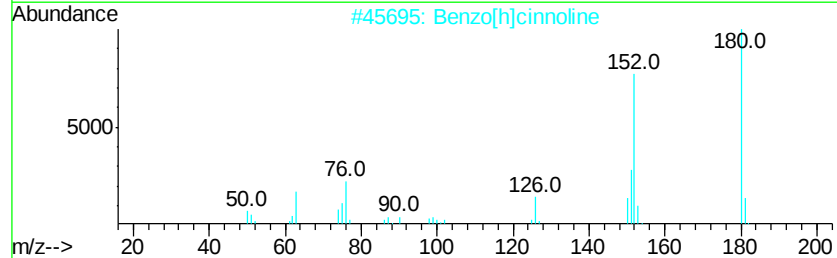
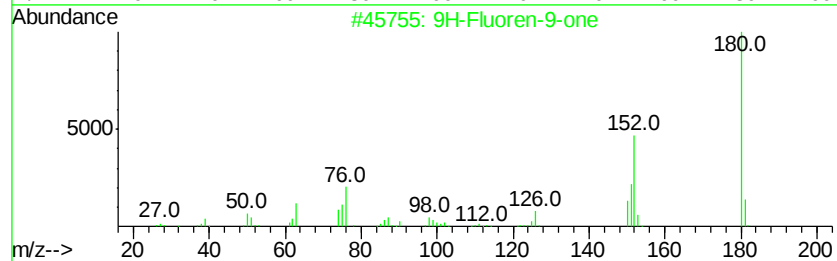
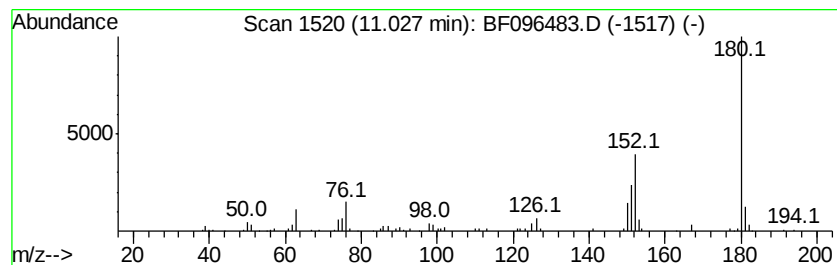
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.34 ng	114197	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	50



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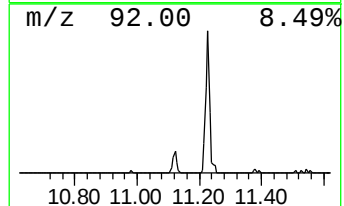
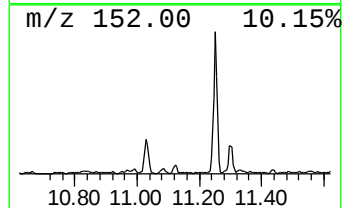
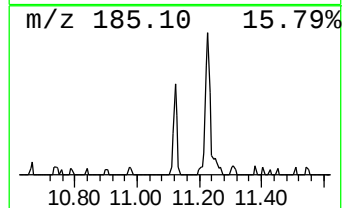
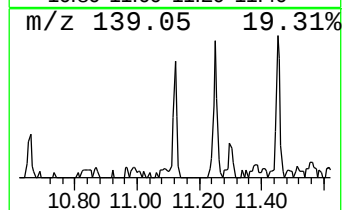
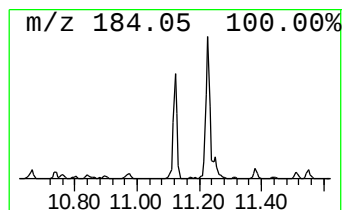
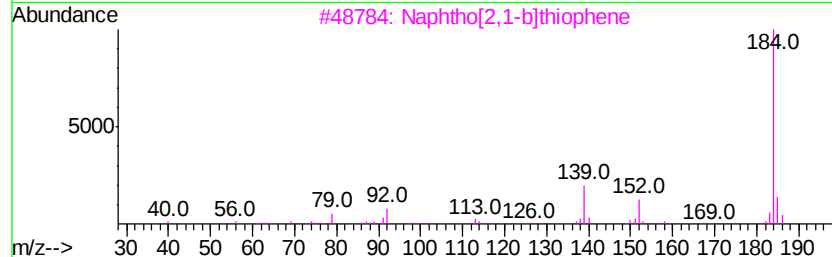
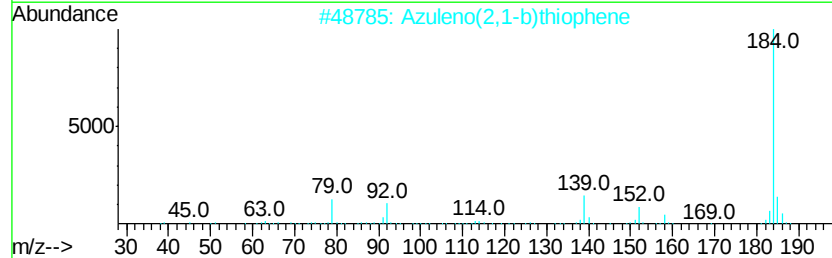
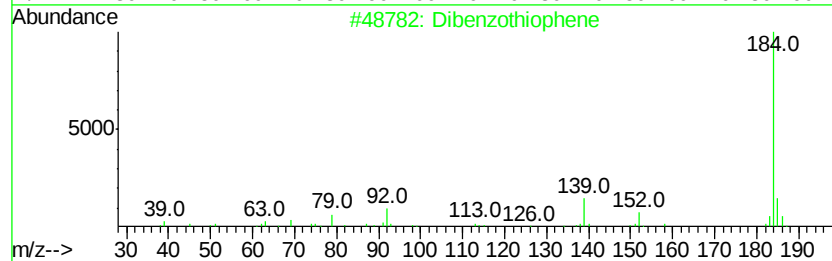
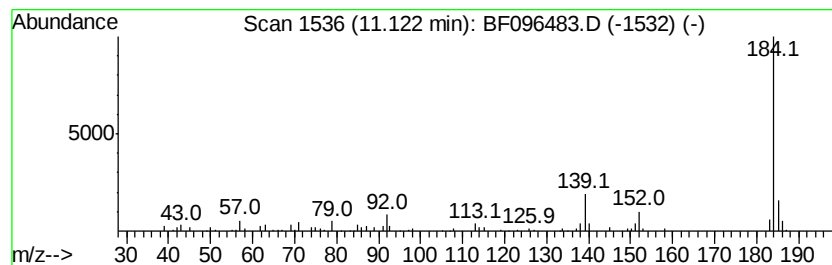
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.12	2.76 ng	94090	Phenanthrene-d10		11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	89
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	62
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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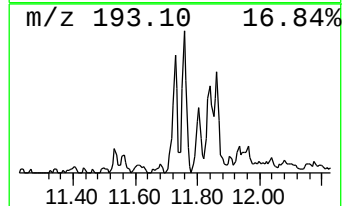
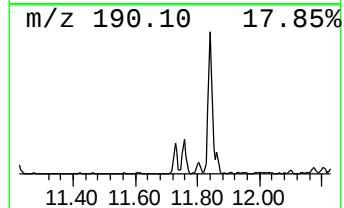
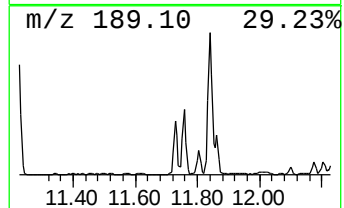
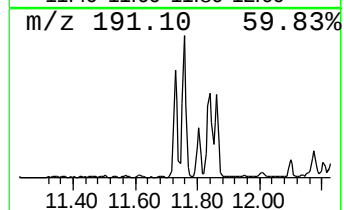
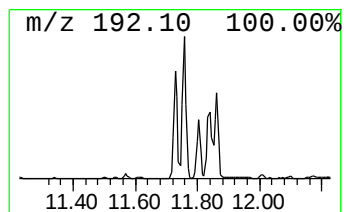
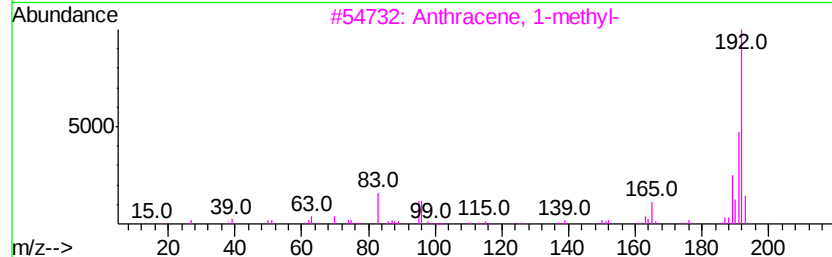
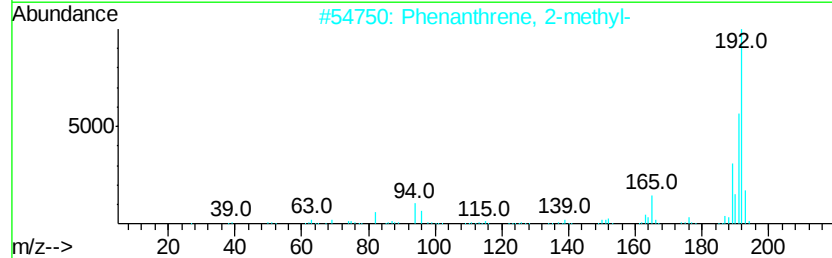
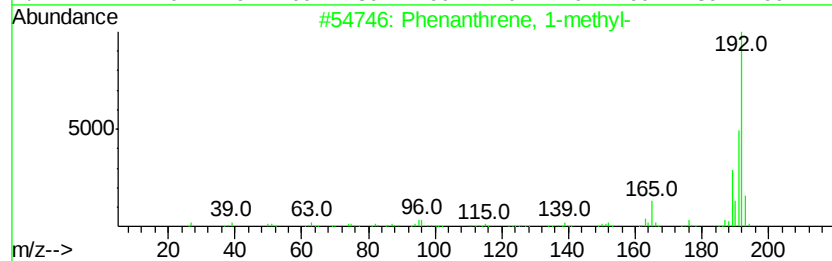
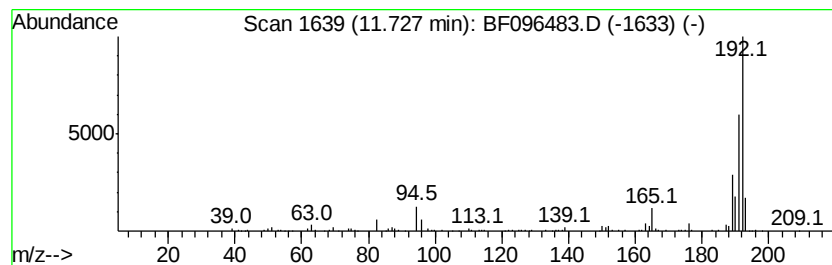
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	6.34 ng	216615	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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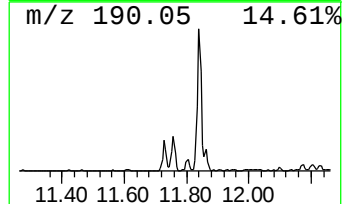
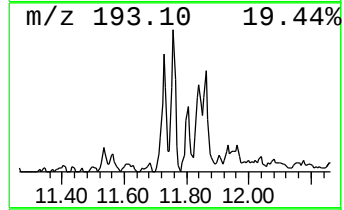
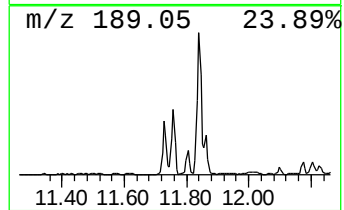
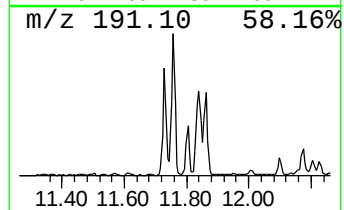
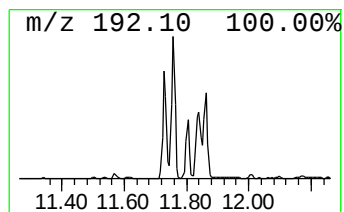
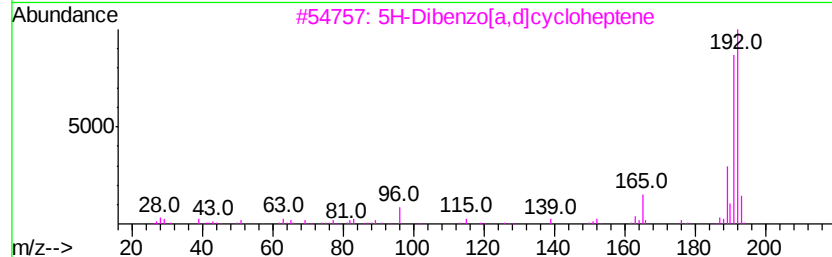
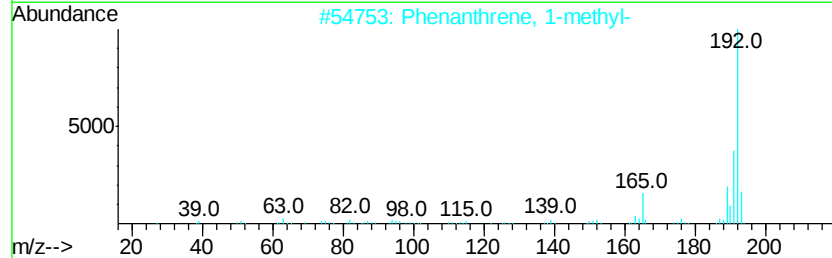
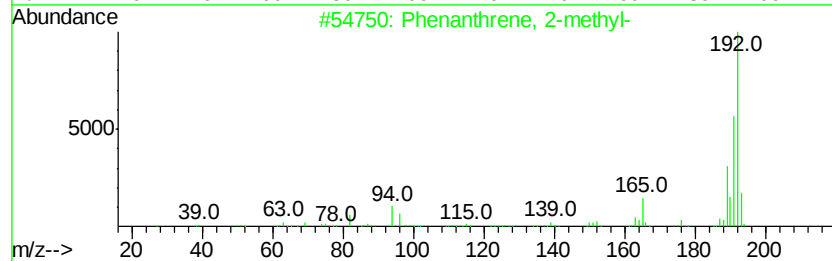
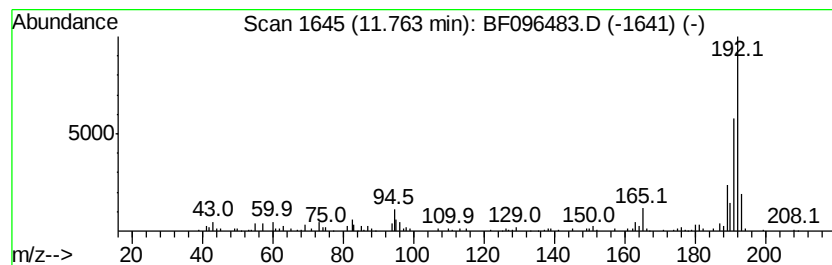
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.36 ng	285344	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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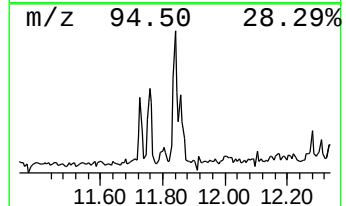
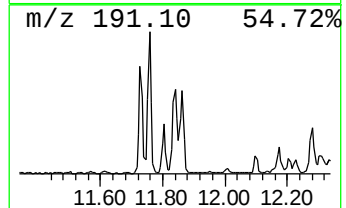
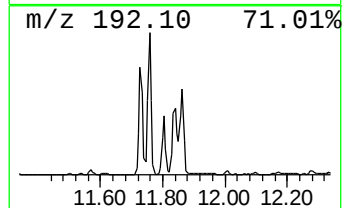
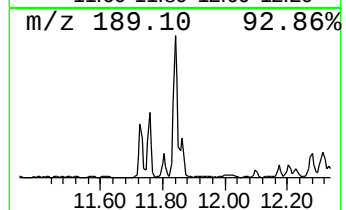
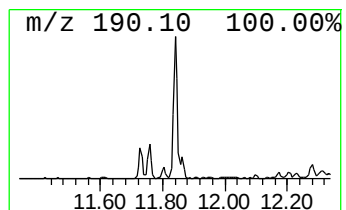
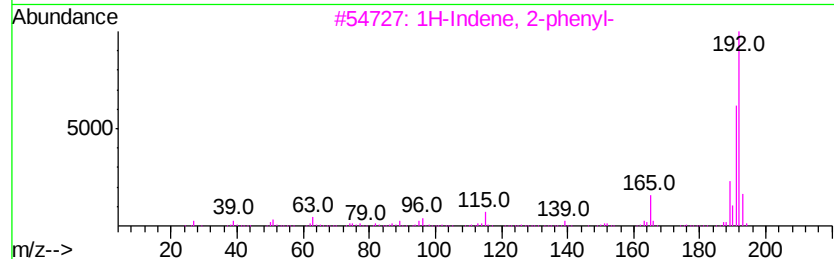
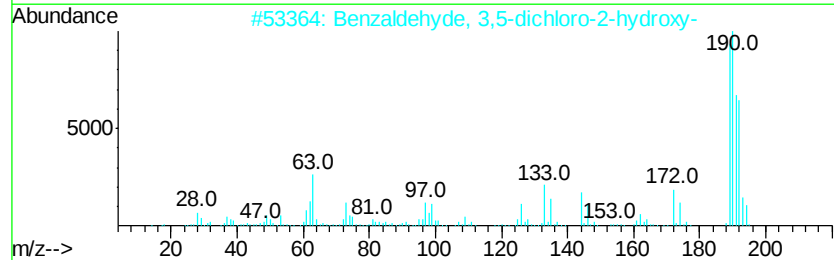
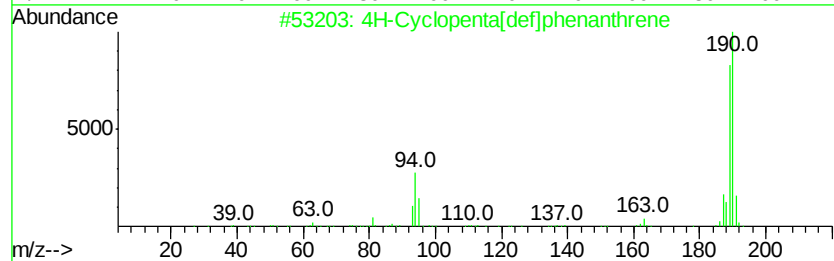
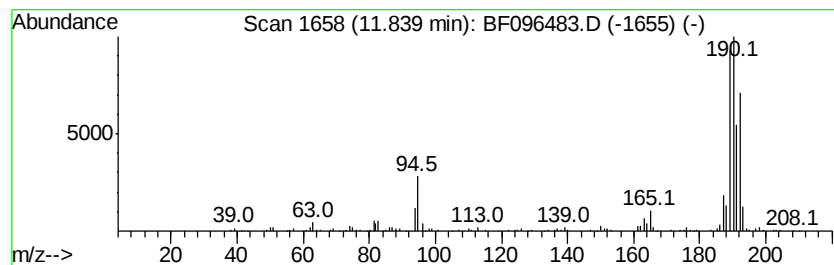
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	9.14 ng	311960	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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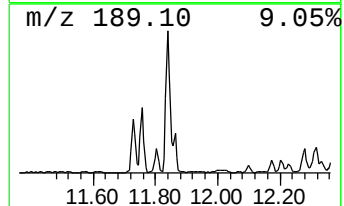
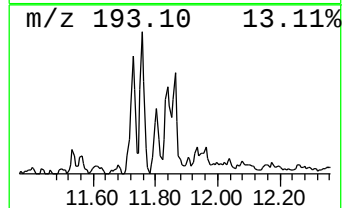
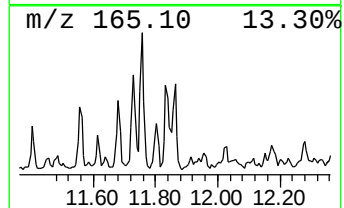
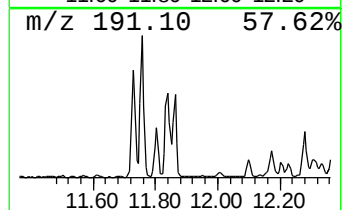
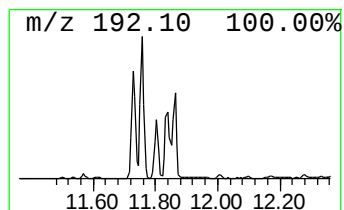
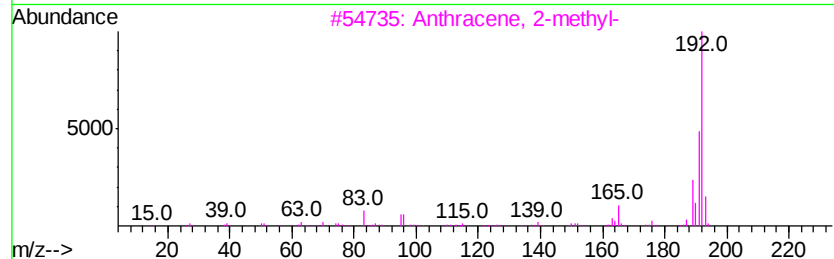
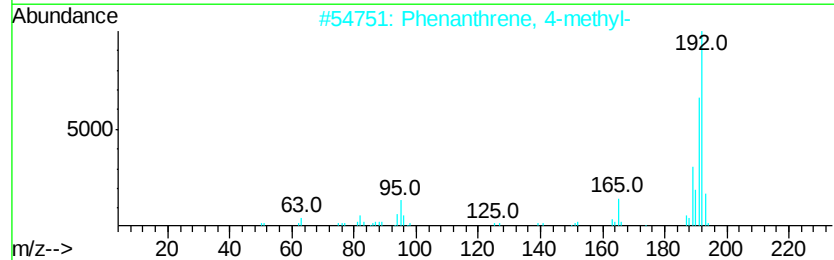
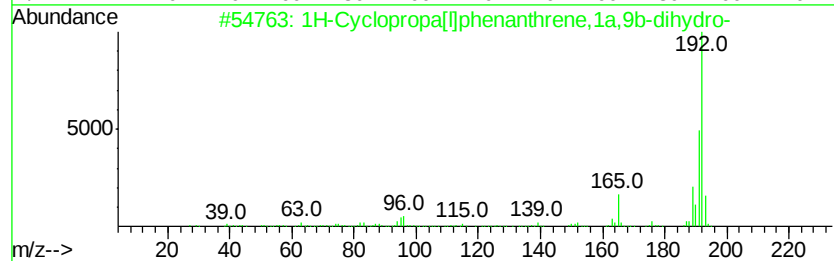
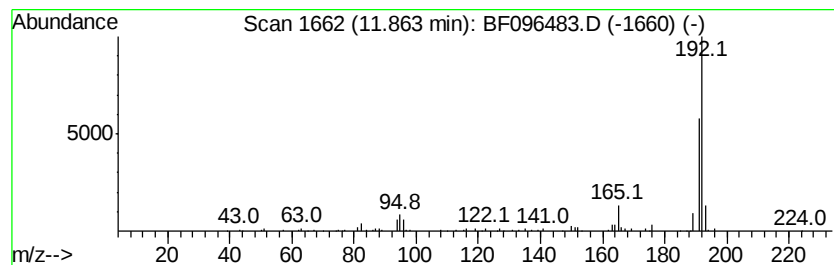
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.07 ng	138871	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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Acq On : 5 Jul 2017 14:53
Operator : SJ/MA
Sample : I3871-02
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ALS Vial : 13 Sample Multiplier: 1

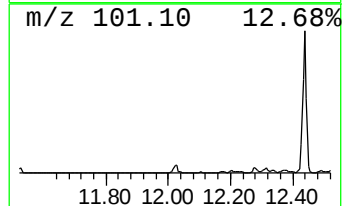
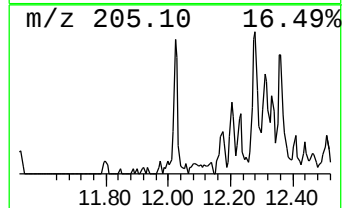
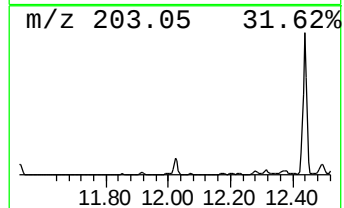
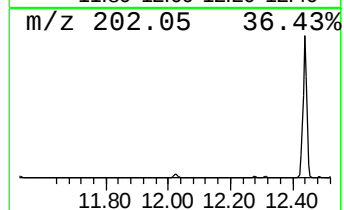
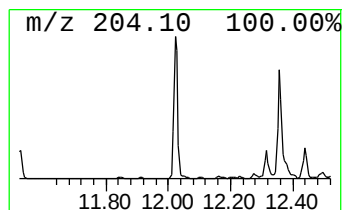
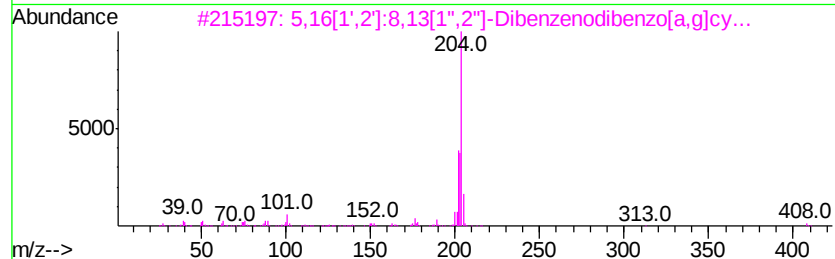
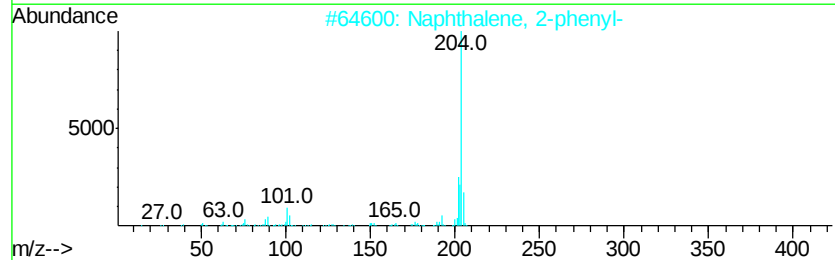
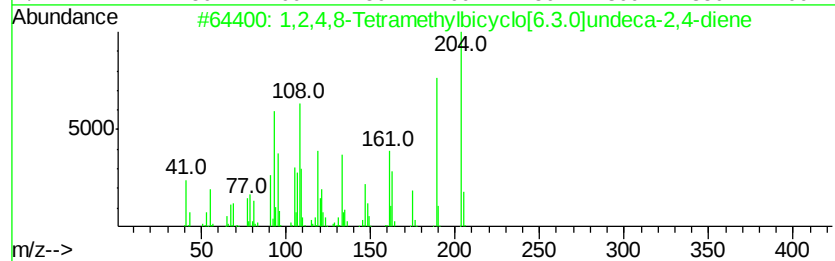
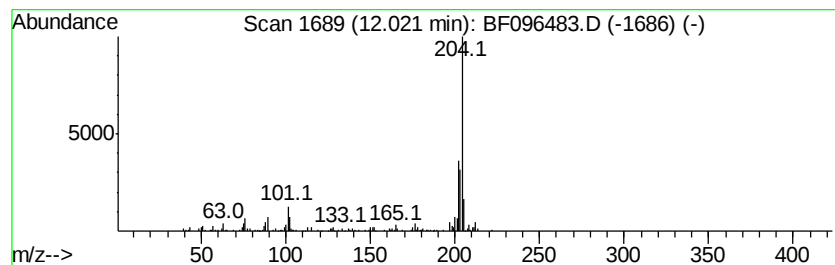
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	4.03 ng	137721	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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Acq On : 5 Jul 2017 14:53
Operator : SJ/MA
Sample : I3871-02
Misc :
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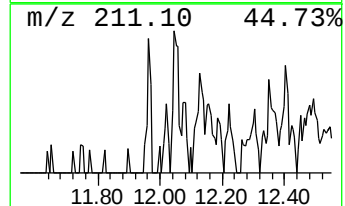
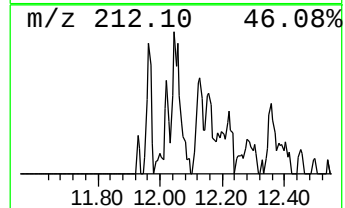
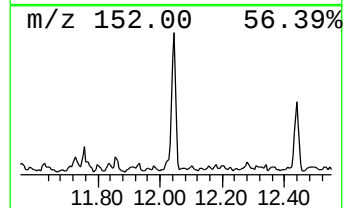
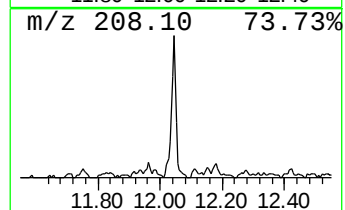
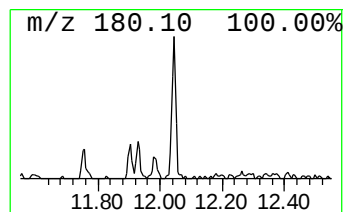
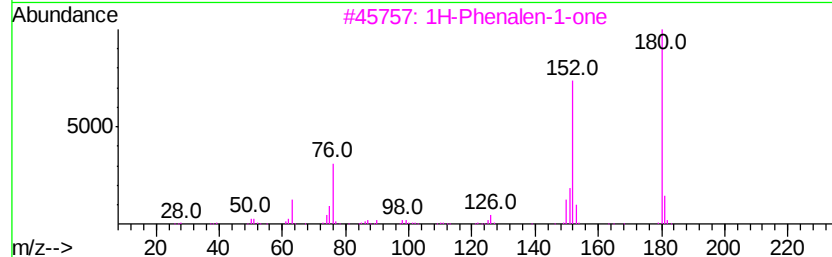
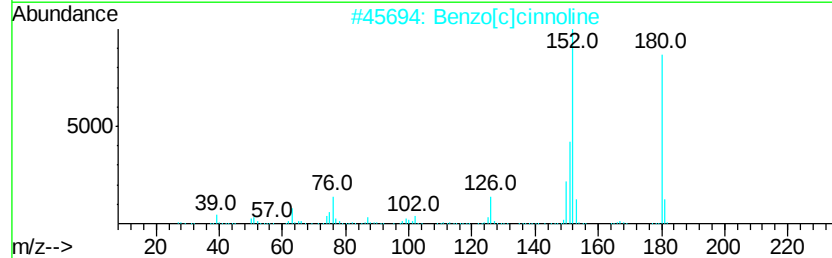
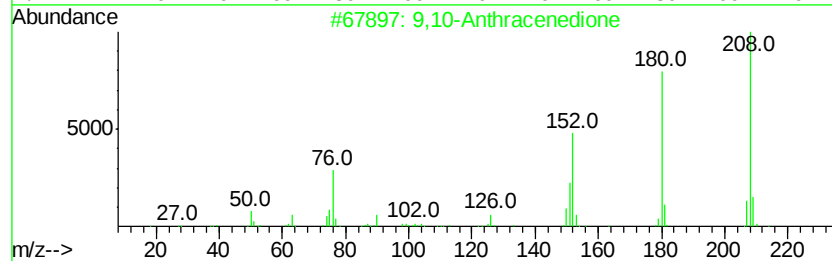
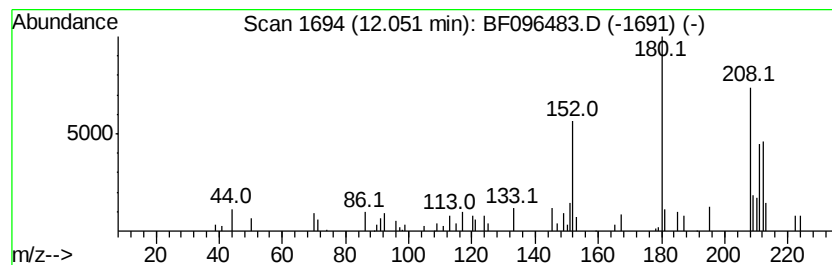
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.05	2.94 ng	100305	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49



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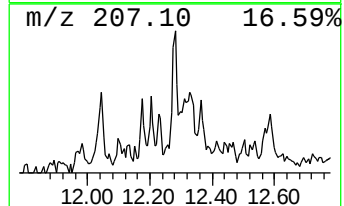
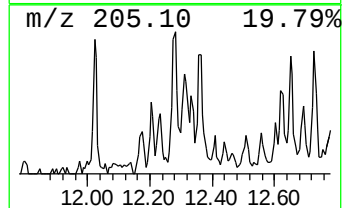
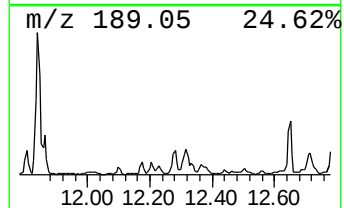
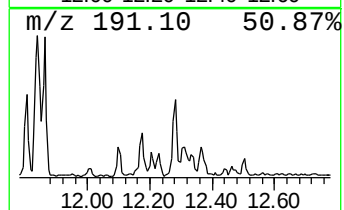
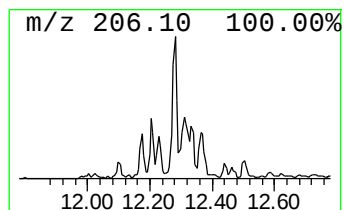
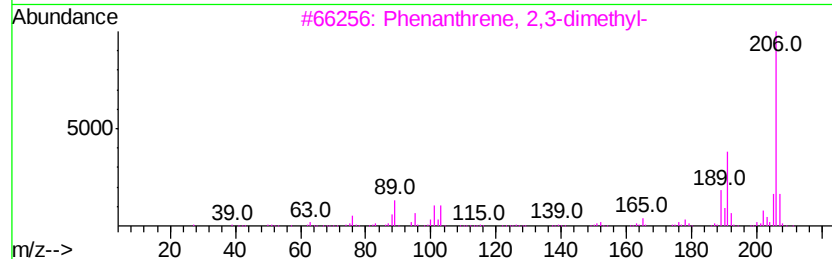
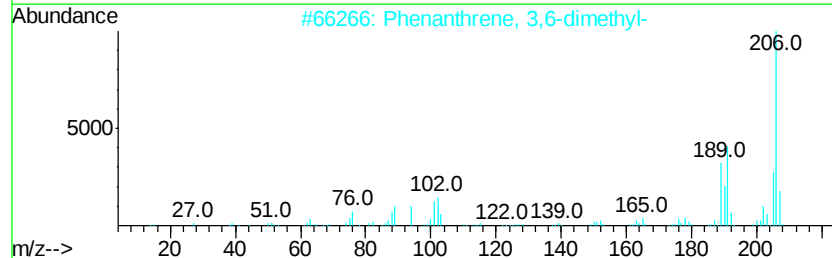
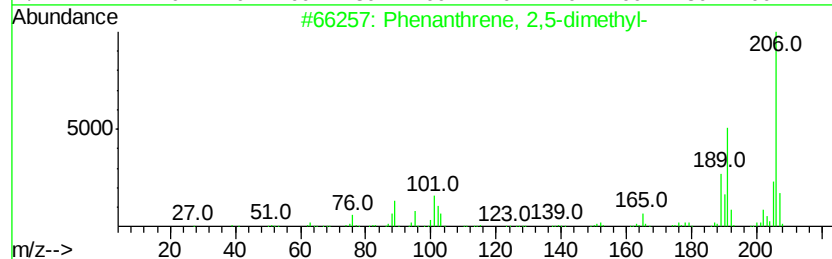
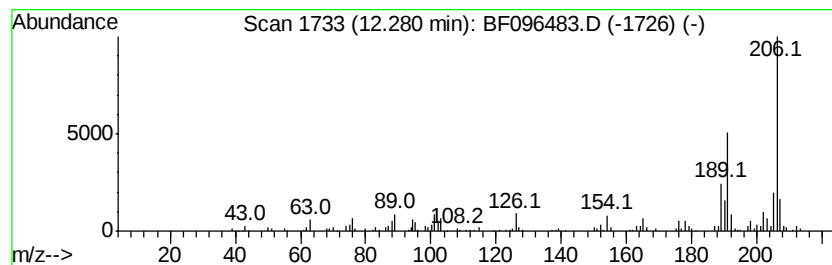
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.28	5.00 ng	170819	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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Acq On : 5 Jul 2017 14:53
Operator : SJ/MA
Sample : I3871-02
Misc :
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Instrument :
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ClientSampleId :
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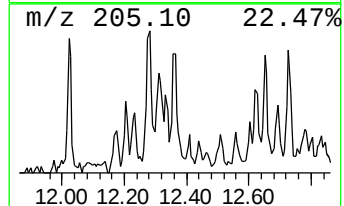
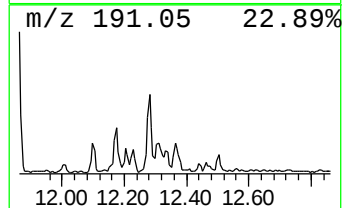
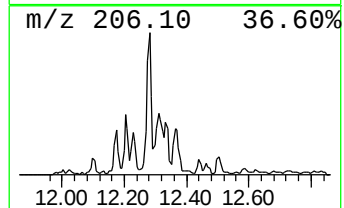
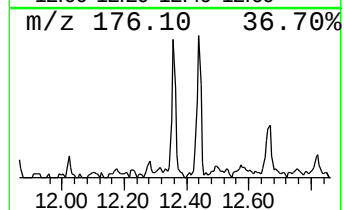
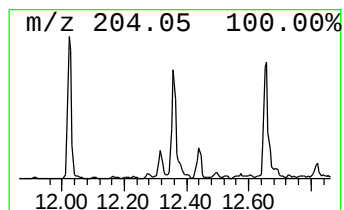
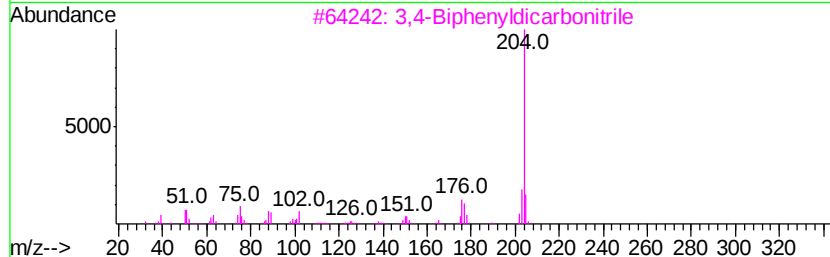
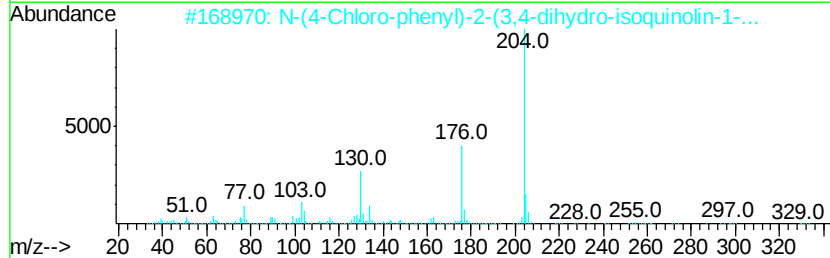
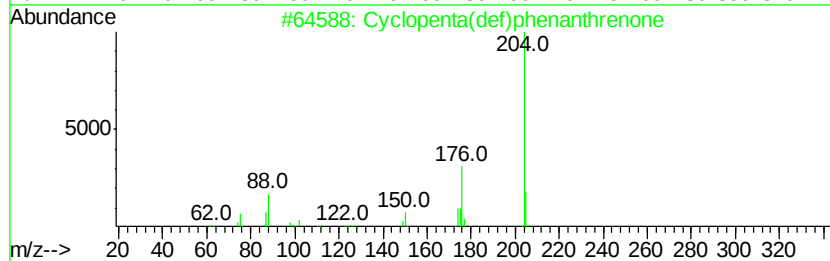
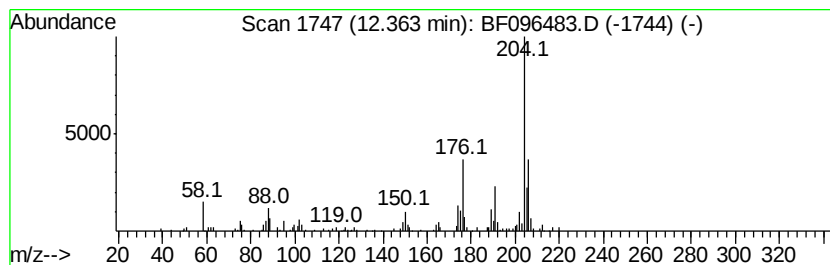
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.41 ng	150462	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
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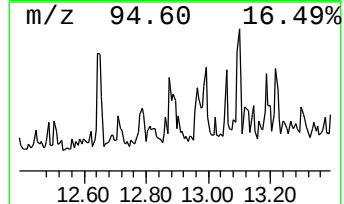
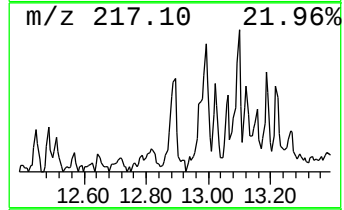
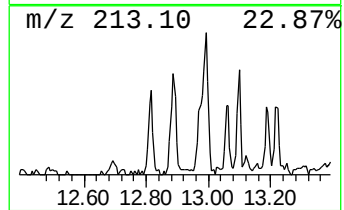
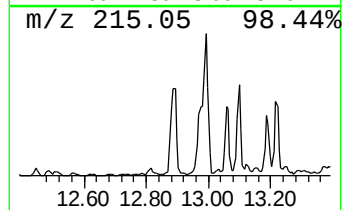
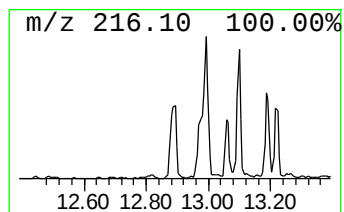
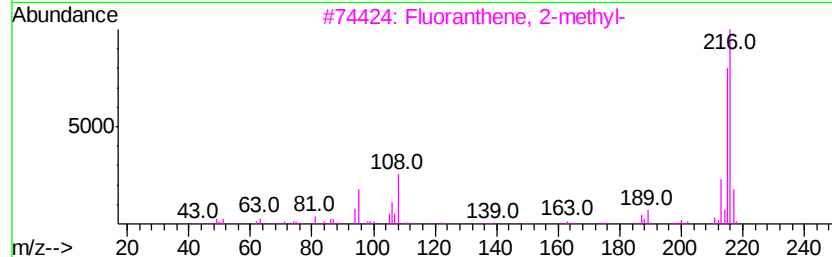
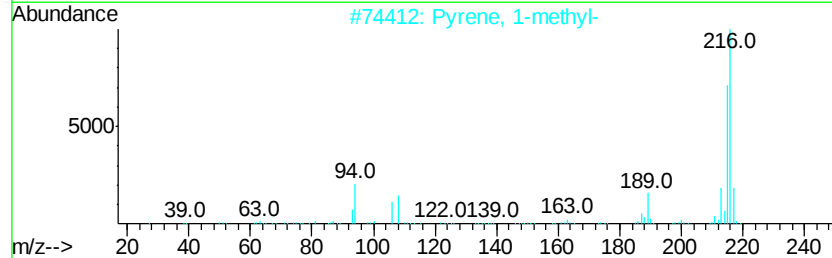
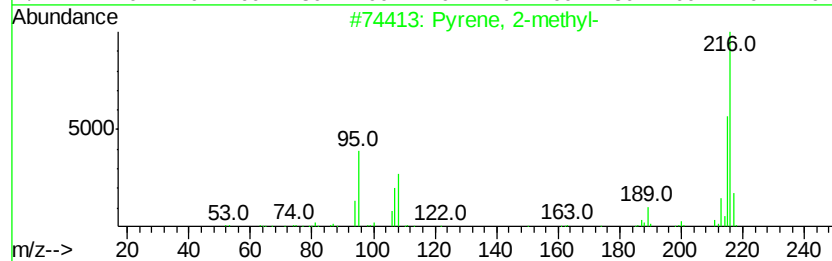
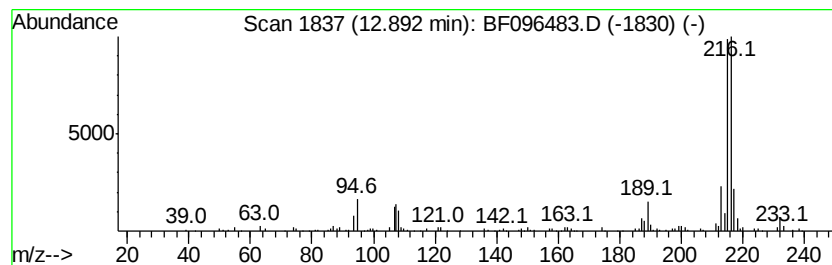
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.61 ng	208543	Chrysene-d12	13.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 2-methyl-	216 C17H12	003442-78-2 95
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096483.D
Acq On : 5 Jul 2017 14:53
Operator : SJ/MA
Sample : I3871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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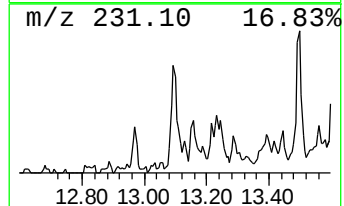
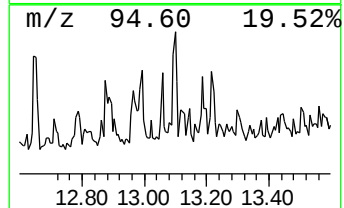
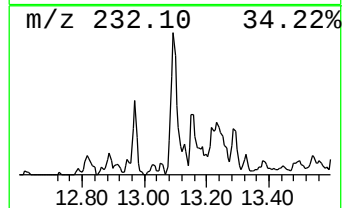
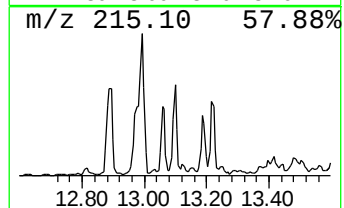
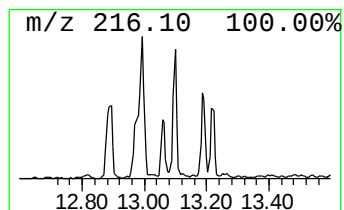
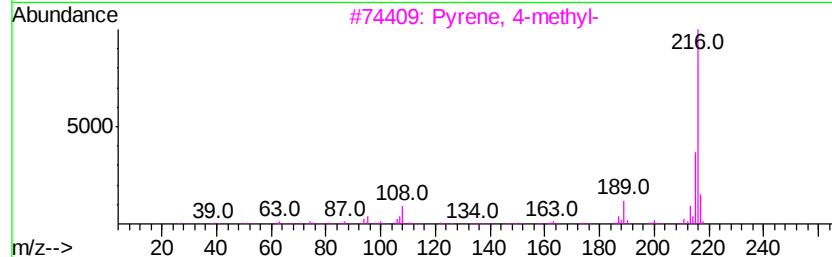
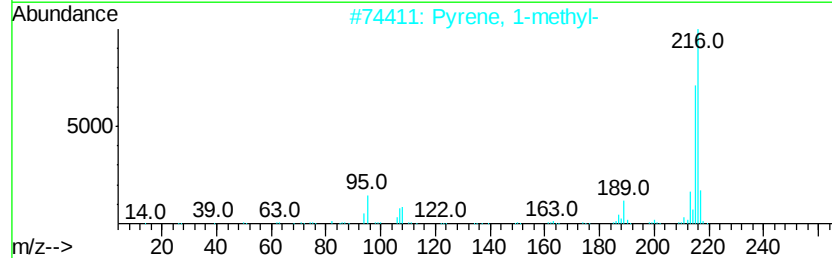
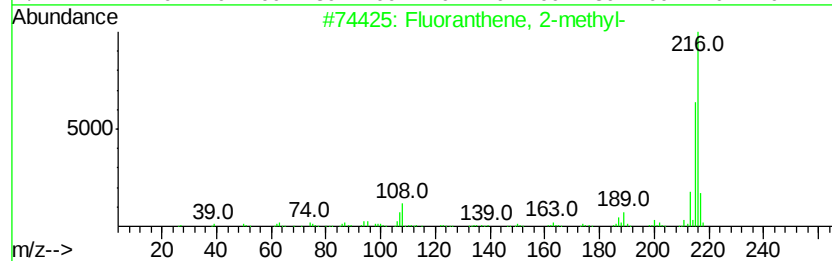
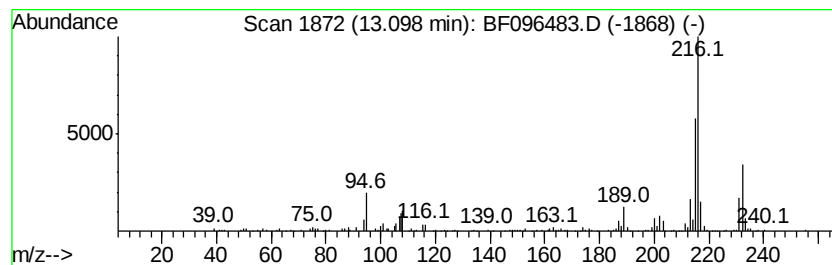
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.64 ng	210949	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4			11H-Benzo[alfluorene	216	C17H12	000238-84-6	93
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096483.D
Acq On : 5 Jul 2017 14:53
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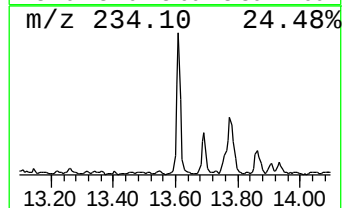
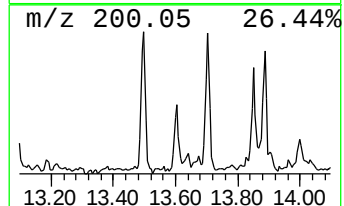
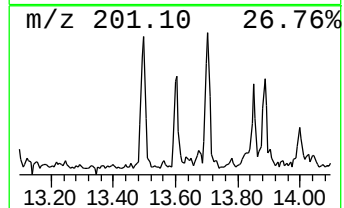
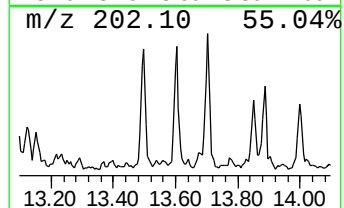
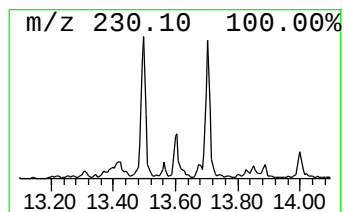
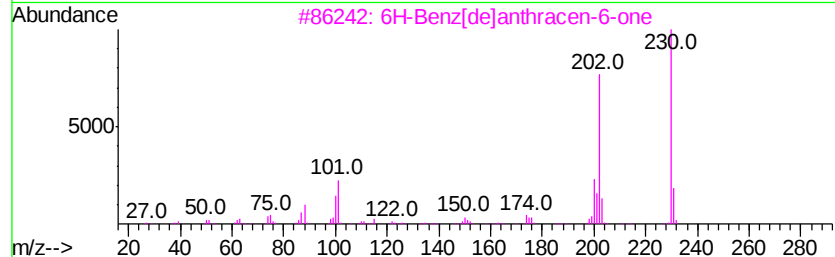
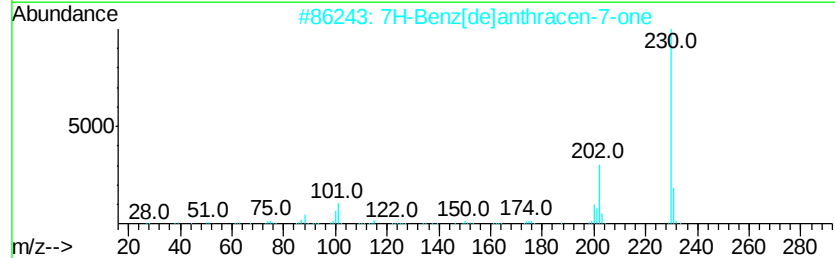
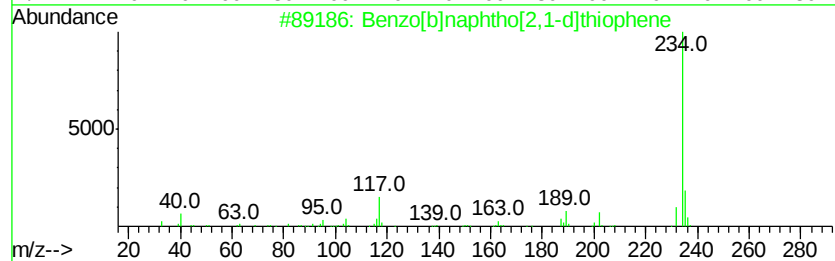
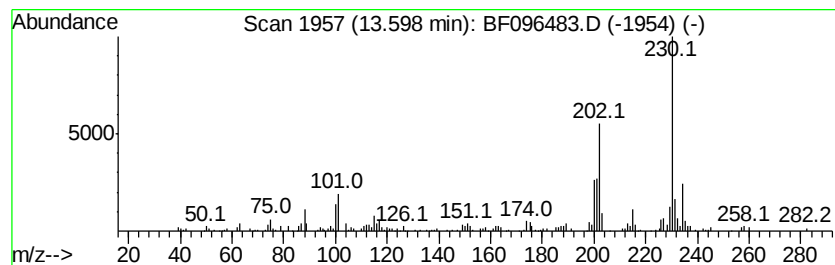
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.62 ng	209989	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	80
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70
4		Fluoranthene	202	C16H10	000206-44-0	56
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
 Data File : BF096483.D
 Acq On : 5 Jul 2017 14:53
 Operator : SJ/MA
 Sample : I3871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 POSTEX-DUP3-20170622

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.90	16.4	ng	565043	1	6.71	688722	20.0
unknown6.48	6.48	82.7	ng	2847720	1	6.71	688722	20.0
3-Methyl-4-(metho...	10.66	3.2	ng	108515	4	11.23	682807	20.0
9H-Fluoren-9-one	11.03	3.3	ng	114197	4	11.23	682807	20.0
Dibenzothiophene	11.12	2.8	ng	94090	4	11.23	682807	20.0
Phenanthrene, 1-m...	11.73	6.3	ng	216615	4	11.23	682807	20.0
Phenanthrene, 2-m...	11.76	8.4	ng	285344	4	11.23	682807	20.0
4H-Cyclopenta[def...	11.84	9.1	ng	311960	4	11.23	682807	20.0
1H-Cyclopropa[l]p...	11.86	4.1	ng	138871	4	11.23	682807	20.0
1,2,4,8-Tetrameth...	12.02	4.0	ng	137721	4	11.23	682807	20.0
9,10-Anthracenedione	12.05	2.9	ng	100305	4	11.23	682807	20.0
Phenanthrene, 2,5...	12.28	5.0	ng	170819	4	11.23	682807	20.0
Cyclopenta(def)ph...	12.36	4.4	ng	150462	4	11.23	682807	20.0
Pyrene, 2-methyl-	12.89	2.6	ng	208543	5	13.86	1600460	20.0
Fluoranthene, 2-m...	13.10	2.6	ng	210949	5	13.86	1600460	20.0
Benzo[b]naphtho[2...	13.60	2.6	ng	209989	5	13.86	1600460	20.0