

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101415.D
 Acq On : 15 Dec 2017 1:10
 Operator : SJ/JU
 Sample : I6827-01 100X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01

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-BF121417.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	6.634	770	773	777	rBV3	73465	89269	1.02%	0.146%
2	6.810	800	803	810	rBV	1039460	1052937	12.08%	1.718%
3	6.992	830	834	840	rVB	117234	109356	1.25%	0.178%
4	7.069	844	847	866	rBV	1131827	1155169	13.25%	1.884%
5	7.251	874	878	887	rBV2	65719	122914	1.41%	0.201%
6	7.522	919	924	926	rBV	71826	87934	1.01%	0.143%
7	7.845	974	979	982	rVV2	99556	114326	1.31%	0.186%
8	7.875	982	984	997	rVB3	84120	157754	1.81%	0.257%
9	8.128	1013	1027	1030	rBV2	5580437	8715562	100.00%	14.217%
10	8.169	1032	1034	1048	rVB	312310	393614	4.52%	0.642%
11	8.469	1082	1085	1093	rBV	68982	92556	1.06%	0.151%
12	8.757	1129	1134	1139	rVB3	60851	90771	1.04%	0.148%
13	8.810	1139	1143	1149	rBV	2374199	2073214	23.79%	3.382%
14	8.910	1156	1160	1173	rVB	1125364	1087923	12.48%	1.775%
15	9.275	1218	1222	1229	rBV	534461	507567	5.82%	0.828%
16	9.439	1245	1250	1254	rBV	273086	378173	4.34%	0.617%
17	9.510	1258	1262	1264	rVV	336021	337189	3.87%	0.550%
18	9.539	1264	1267	1271	rVV	229749	224701	2.58%	0.367%
19	9.581	1271	1274	1278	rVB	141977	128635	1.48%	0.210%
20	9.628	1278	1282	1293	rBV	169866	187713	2.15%	0.306%
21	9.716	1293	1297	1304	rBV	2029036	1806446	20.73%	2.947%
22	9.851	1317	1320	1323	rVB2	1596458	1378416	15.82%	2.249%
23	9.886	1323	1326	1331	rVB	738118	656442	7.53%	1.071%
24	9.933	1331	1334	1338	rBV	92428	94930	1.09%	0.155%
25	10.057	1351	1355	1359	rBV	1602865	1451091	16.65%	2.367%
26	10.092	1359	1361	1366	rVB2	92860	95473	1.10%	0.156%
27	10.163	1370	1373	1376	rBV	88023	88811	1.02%	0.145%
28	10.310	1395	1398	1400	rBV2	144801	130480	1.50%	0.213%
29	10.404	1410	1414	1420	rVB	2569854	2339467	26.84%	3.816%
30	10.510	1430	1432	1436	rBV	116647	116794	1.34%	0.191%
31	10.557	1437	1440	1443	rVV	349147	312255	3.58%	0.509%
32	10.586	1443	1445	1448	rVB	116638	94597	1.09%	0.154%
33	10.628	1448	1452	1459	rBV2	414532	792487	9.09%	1.293%
34	10.951	1500	1507	1510	rBV	289021	318617	3.66%	0.520%

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35	11.033	1518	1521	1526	rBV	120369	127027	1.46%	0.207%
36	11.098	1530	1532	1538	rVV2	95358	124758	1.43%	0.204%
37	11.151	1538	1541	1544	rVV2	108171	106092	1.22%	0.173%
38	11.186	1544	1547	1551	rVV	93888	108718	1.25%	0.177%
39	11.239	1551	1556	1562	rVB	444524	421511	4.84%	0.688%
40	11.345	1570	1574	1576	rBV	1528704	1679118	19.27%	2.739%
41	11.375	1576	1579	1582	rVV	4342756	4604341	52.83%	7.511%
42	11.422	1582	1587	1591	rVV	2354211	2209935	25.36%	3.605%
43	11.580	1609	1614	1620	rBV	965938	974262	11.18%	1.589%
44	11.633	1620	1623	1625	rVV	103619	105607	1.21%	0.172%
45	11.686	1628	1632	1636	rVB4	82494	103439	1.19%	0.169%
46	11.845	1655	1659	1661	rBV	545695	467582	5.36%	0.763%
47	11.875	1661	1664	1668	rVB	721814	628245	7.21%	1.025%
48	11.922	1668	1672	1675	rBV	324481	311633	3.58%	0.508%
49	11.957	1675	1678	1681	rBV	1060493	1120404	12.86%	1.828%
50	12.057	1692	1695	1697	rVV	122828	103607	1.19%	0.169%
51	12.110	1697	1704	1706	rVV4	56667	99229	1.14%	0.162%
52	12.139	1706	1709	1715	rVB	419005	349275	4.01%	0.570%
53	12.392	1747	1752	1755	rBV	160106	188293	2.16%	0.307%
54	12.433	1755	1759	1761	rBV	88272	88083	1.01%	0.144%
55	12.563	1777	1781	1785	rBV	3175557	3273843	37.56%	5.340%
56	12.627	1789	1792	1794	rVV2	90199	91588	1.05%	0.149%
57	12.657	1794	1797	1801	rVV	738151	622097	7.14%	1.015%
58	12.710	1802	1806	1808	rVV2	133165	148509	1.70%	0.242%
59	12.792	1817	1820	1825	rVV	2590123	2574186	29.54%	4.199%
60	12.839	1825	1828	1832	rVB2	173370	173785	1.99%	0.283%
61	12.910	1837	1840	1844	rBV	259161	233042	2.67%	0.380%
62	12.957	1844	1848	1852	rVB	142901	160223	1.84%	0.261%
63	13.010	1852	1857	1860	rBV2	200302	346075	3.97%	0.565%
64	13.045	1860	1863	1867	rVB	105923	105593	1.21%	0.172%
65	13.092	1867	1871	1872	rBV2	173633	186835	2.14%	0.305%
66	13.122	1872	1876	1879	rVB	688104	738271	8.47%	1.204%
67	13.186	1884	1887	1890	rVV	835545	748378	8.59%	1.221%
68	13.222	1890	1893	1897	rVV2	280979	334387	3.84%	0.545%
69	13.292	1900	1905	1906	rBV2	77112	112991	1.30%	0.184%
70	13.316	1906	1909	1912	rVV	140281	167124	1.92%	0.273%
71	13.351	1912	1915	1923	rVB2	190044	277207	3.18%	0.452%

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72	13.598	1954	1957	1961	rBV2	87077	111399	1.28%	0.182%
73	13.739	1976	1981	1983	rBV	126152	141951	1.63%	0.232%
74	13.763	1983	1985	1988	rVB	222293	181675	2.08%	0.296%
75	13.792	1988	1990	1992	rBV	138851	130209	1.49%	0.212%
76	13.910	2005	2010	2016	rBV2	55227	103166	1.18%	0.168%
77	13.992	2016	2024	2027	rBV3	1691612	2788135	31.99%	4.548%
78	14.021	2027	2029	2036	rVB	944448	836790	9.60%	1.365%
79	14.221	2060	2063	2067	rVB2	123321	142841	1.64%	0.233%
80	14.380	2085	2090	2092	rVV	231376	313910	3.60%	0.512%
81	14.410	2093	2095	2099	rVV2	96461	111691	1.28%	0.182%
82	14.457	2099	2103	2104	rVV2	84143	97127	1.11%	0.158%
83	14.480	2104	2107	2109	rVV	177893	206181	2.37%	0.336%
84	14.504	2109	2111	2113	rVV	154090	165811	1.90%	0.270%
85	14.527	2113	2115	2120	rVV	199399	224294	2.57%	0.366%
86	14.574	2120	2123	2125	rVV3	101271	121982	1.40%	0.199%
87	15.033	2197	2201	2204	rBV	654052	944643	10.84%	1.541%
88	15.145	2216	2220	2225	rBV	180868	219497	2.52%	0.358%
89	15.333	2248	2252	2259	rVB	331126	443401	5.09%	0.723%
90	15.398	2259	2263	2269	rBV	563917	731941	8.40%	1.194%
91	15.463	2269	2274	2277	rVV	706448	880785	10.11%	1.437%
92	15.492	2277	2279	2288	rVB2	154905	218481	2.51%	0.356%
93	15.639	2299	2304	2306	rBV	57766	90692	1.04%	0.148%
94	16.939	2517	2525	2533	rBV	250271	488312	5.60%	0.797%
95	17.109	2548	2554	2559	rBV	64459	129704	1.49%	0.212%
96	17.386	2594	2601	2611	rBV2	138079	329935	3.79%	0.538%
97	17.639	2636	2644	2652	rVB	60066	150311	1.72%	0.245%

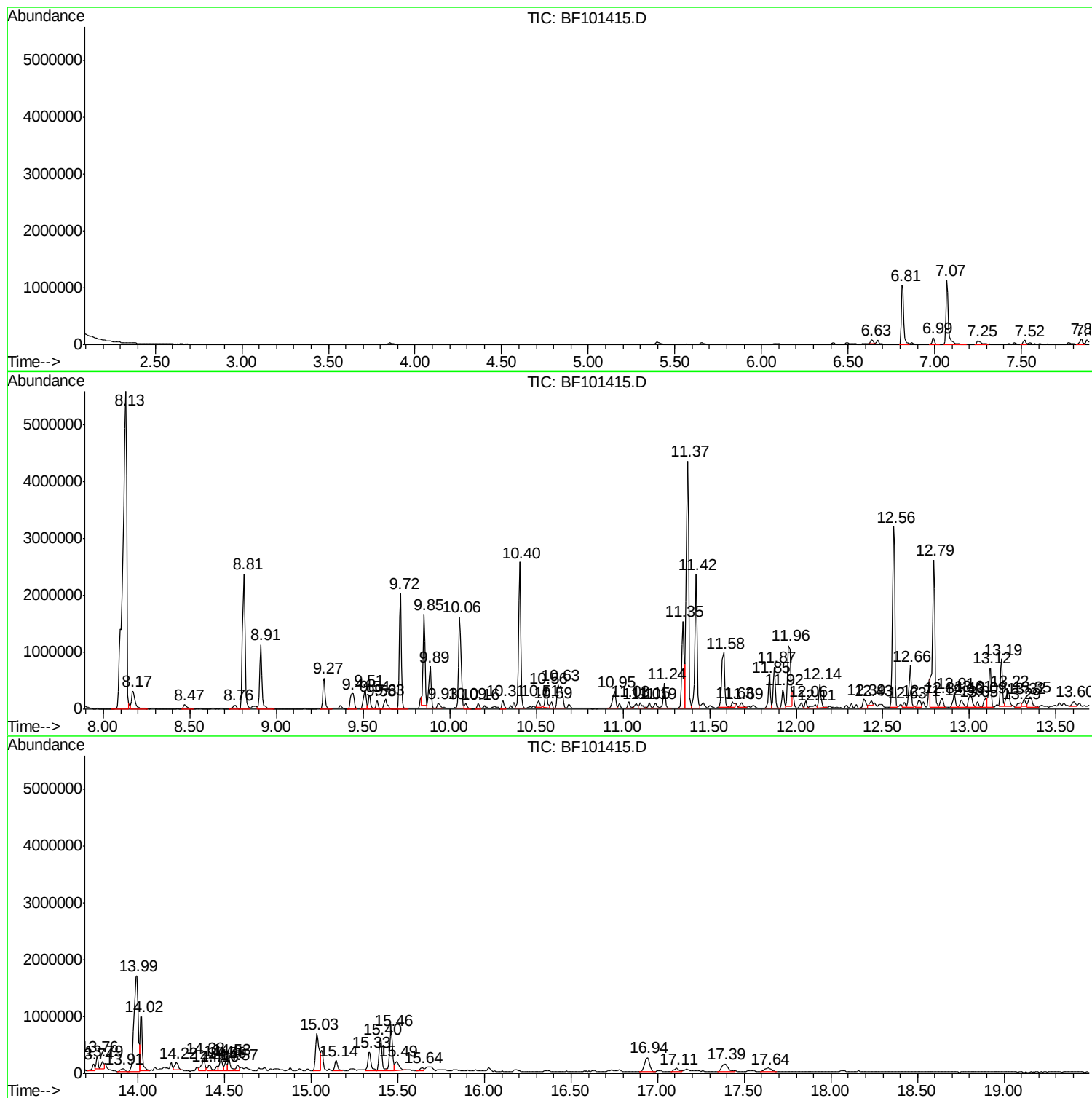
Sum of corrected areas: 61303740

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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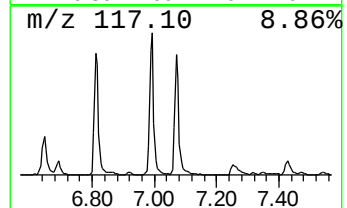
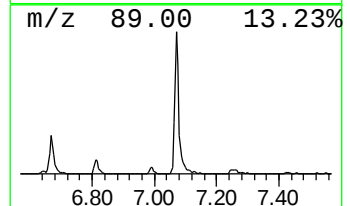
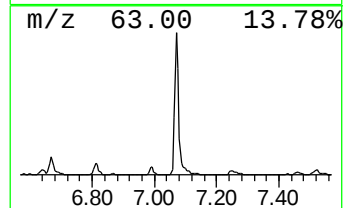
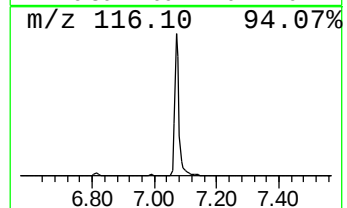
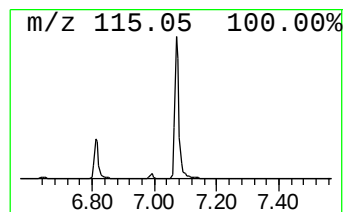
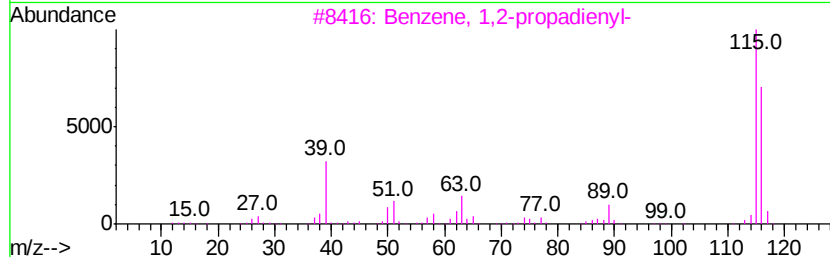
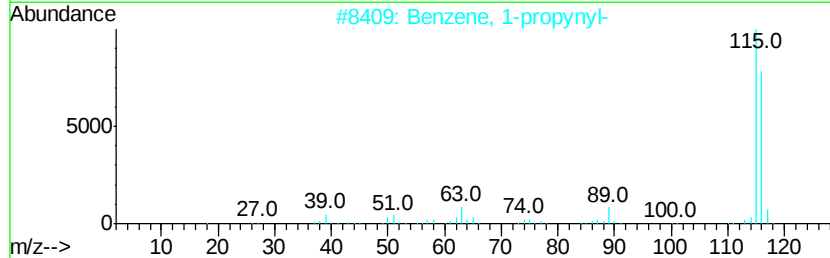
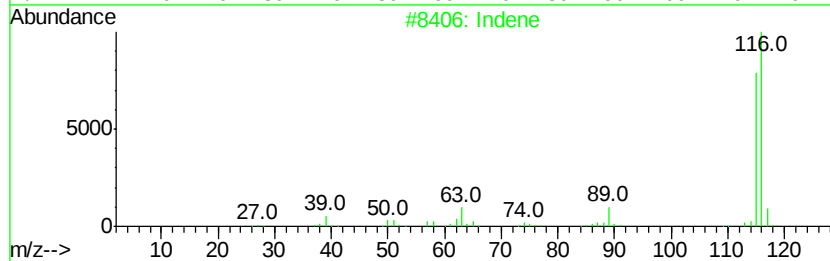
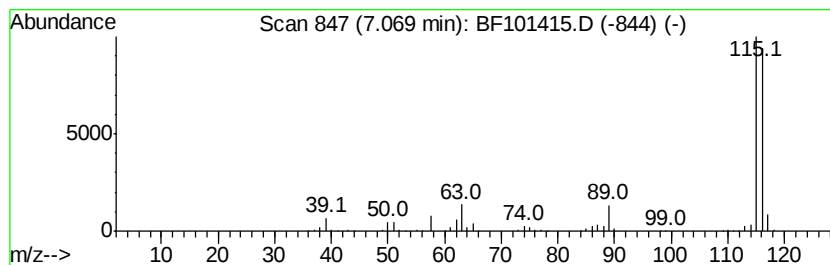
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	21.94 ng	1155170	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	91



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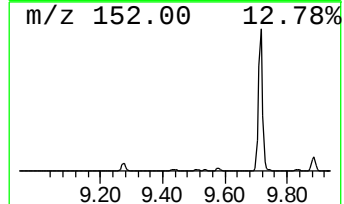
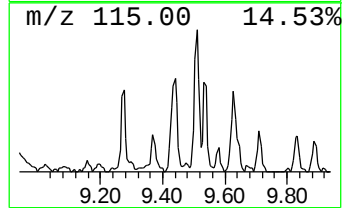
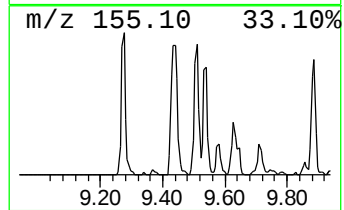
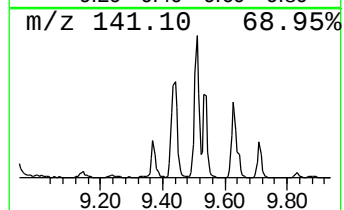
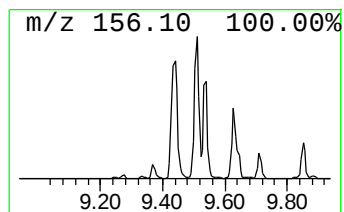
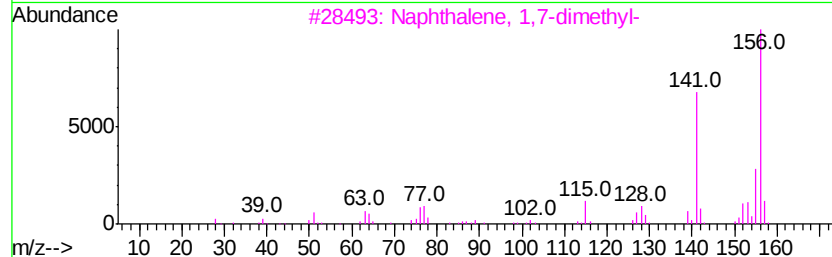
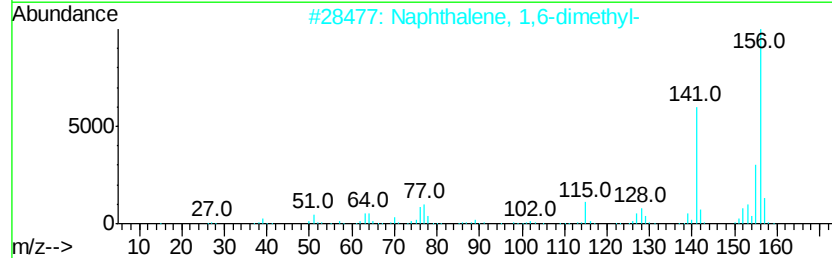
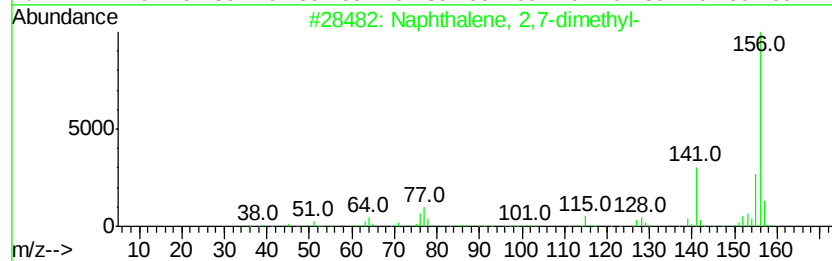
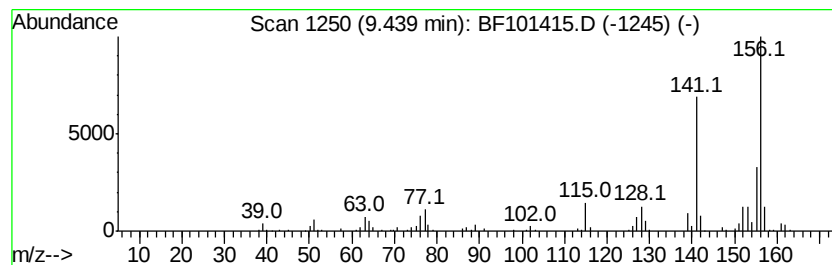
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Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.44	5.49 ng	378173	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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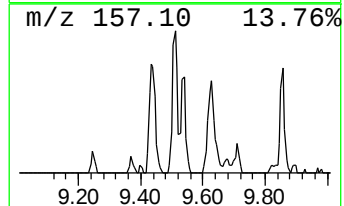
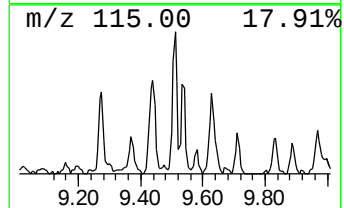
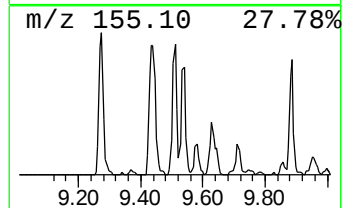
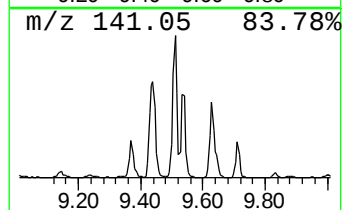
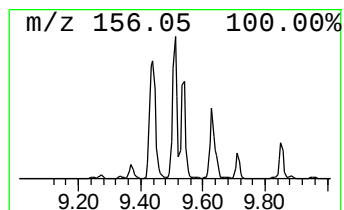
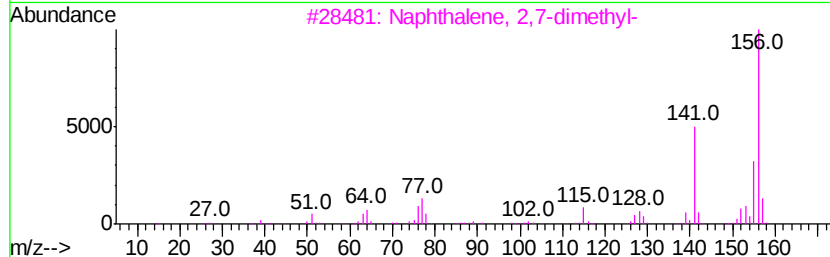
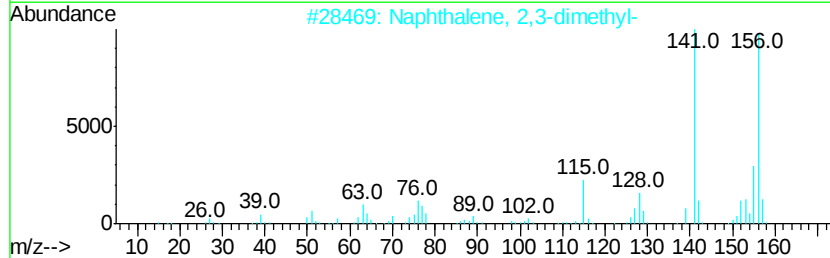
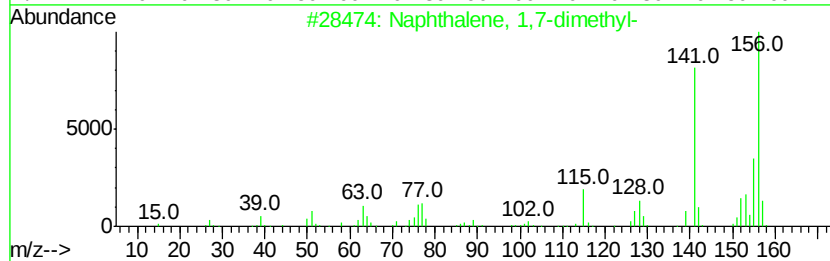
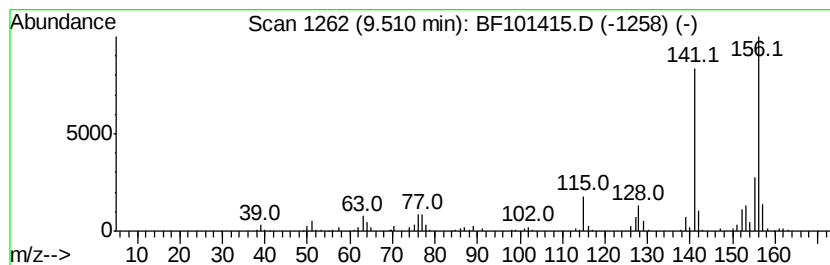
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Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.89 ng	337189	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
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ClientSampleId :
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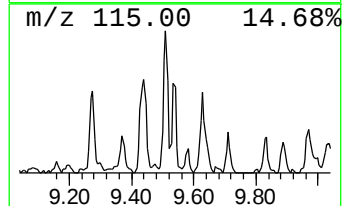
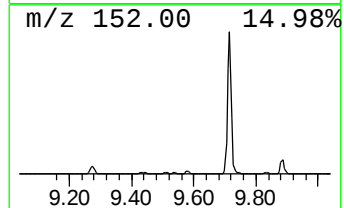
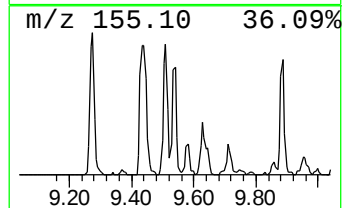
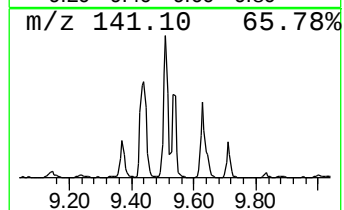
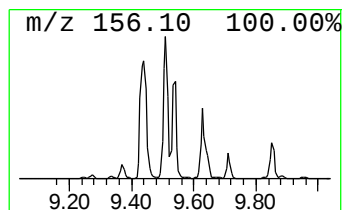
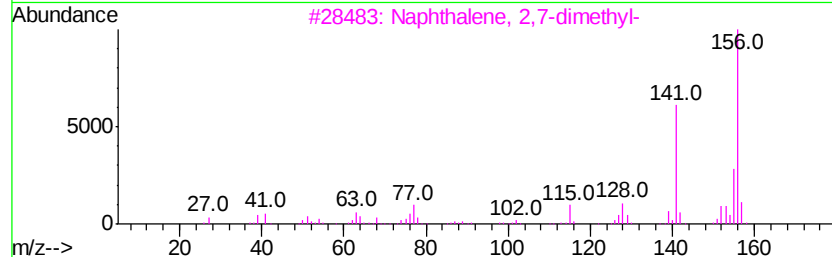
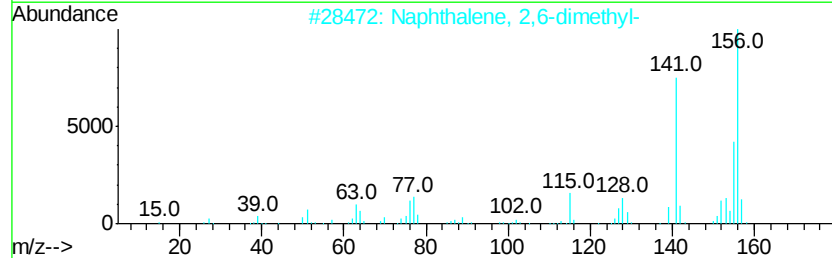
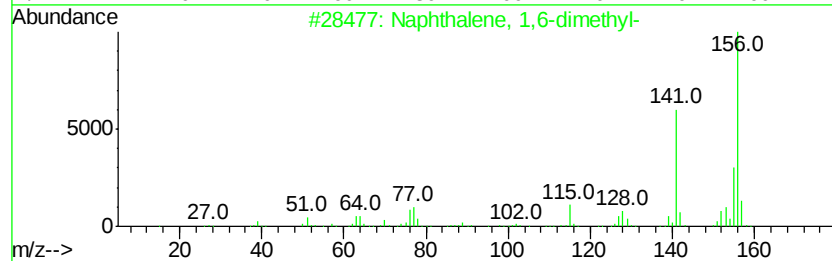
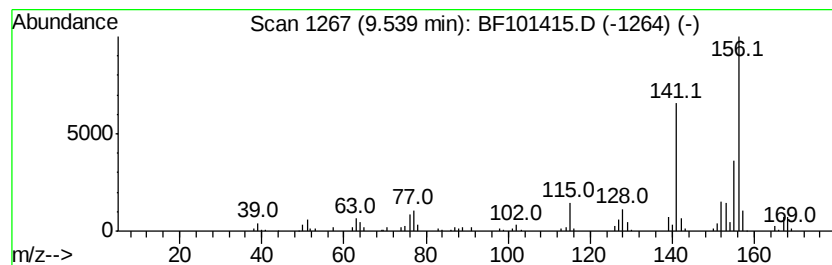
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	3.26 ng	224701	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
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Operator : SJ/JU
Sample : I6827-01 100X
Misc :
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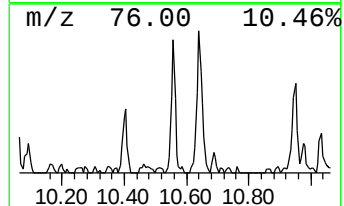
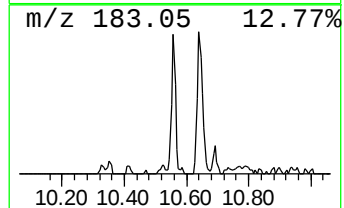
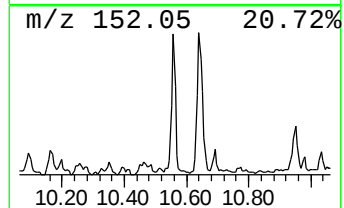
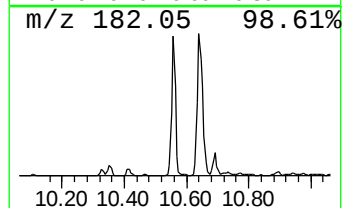
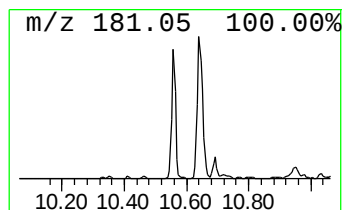
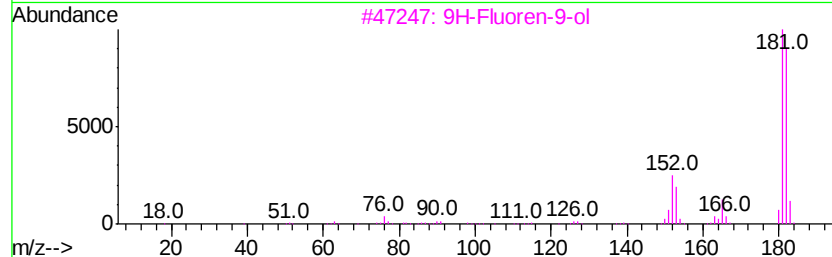
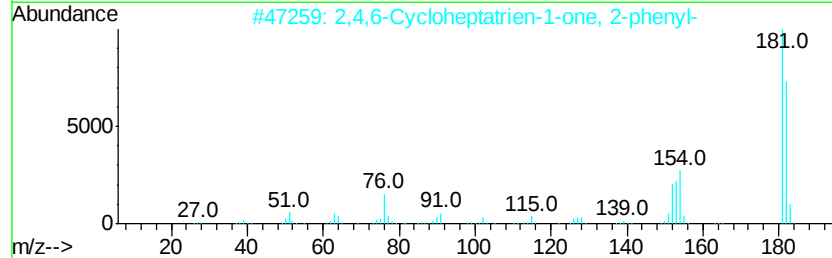
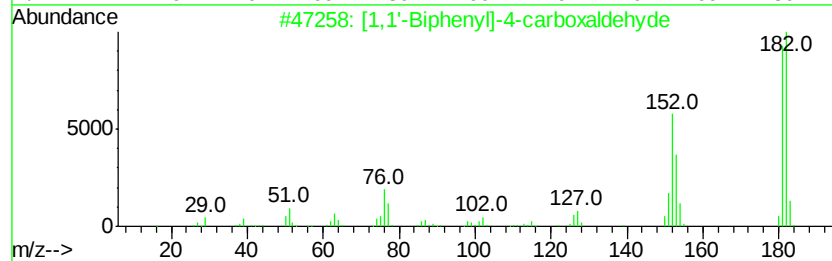
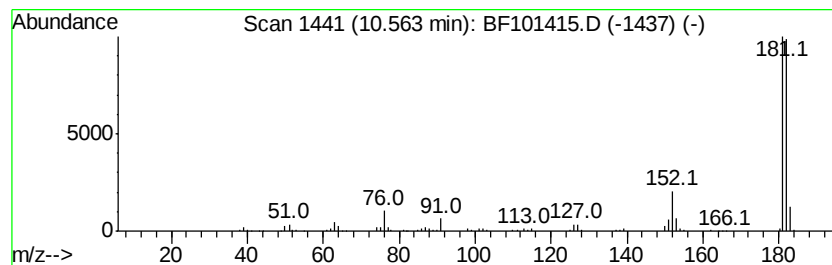
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	4.53 ng	312255	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
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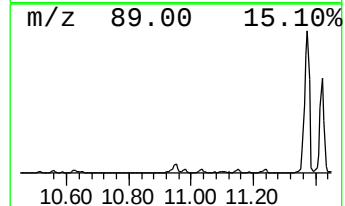
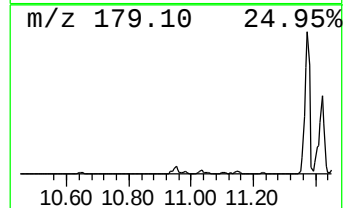
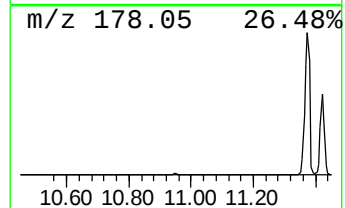
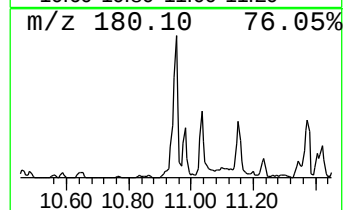
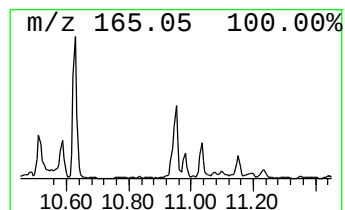
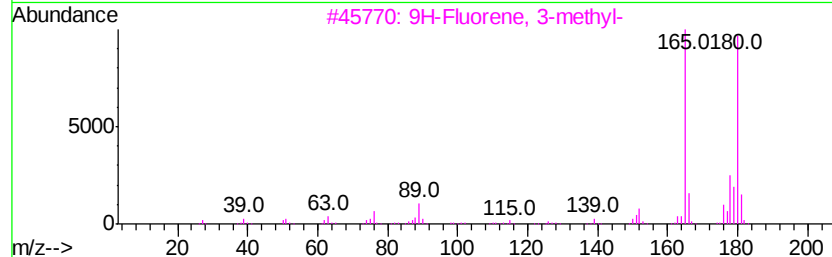
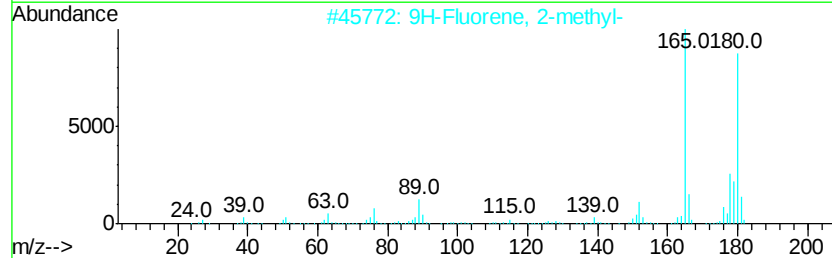
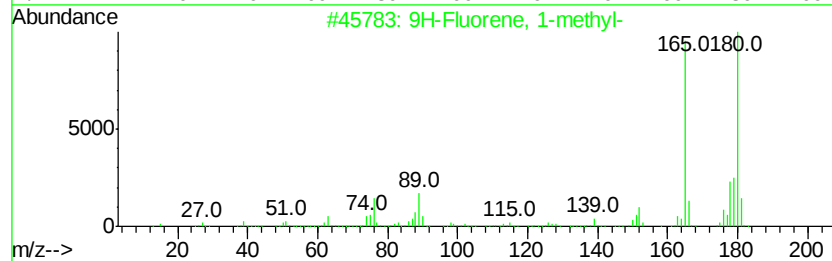
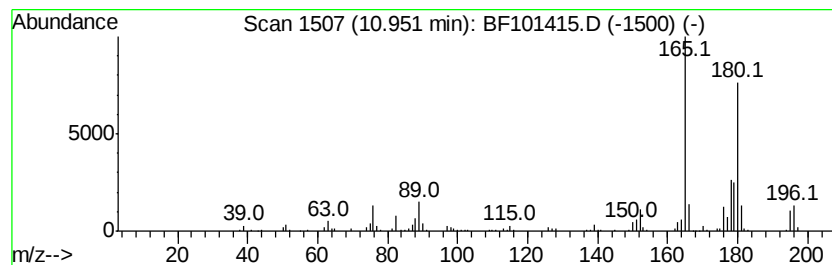
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.80 ng	318617	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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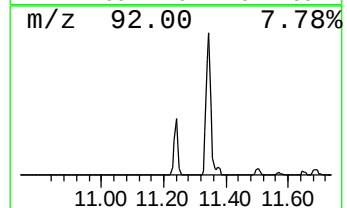
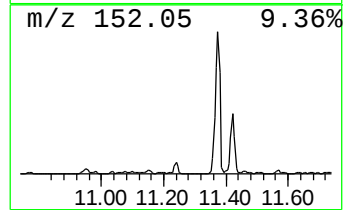
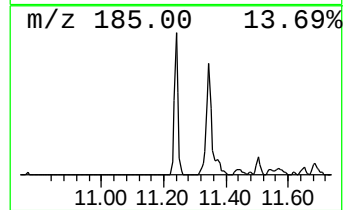
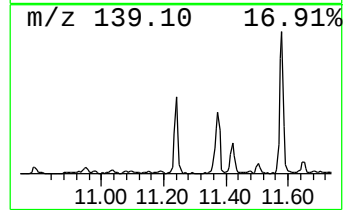
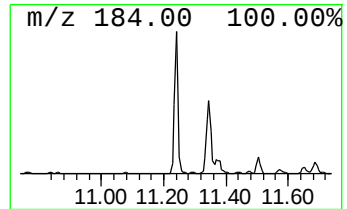
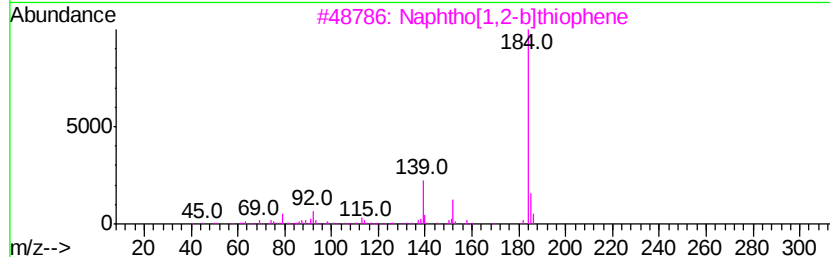
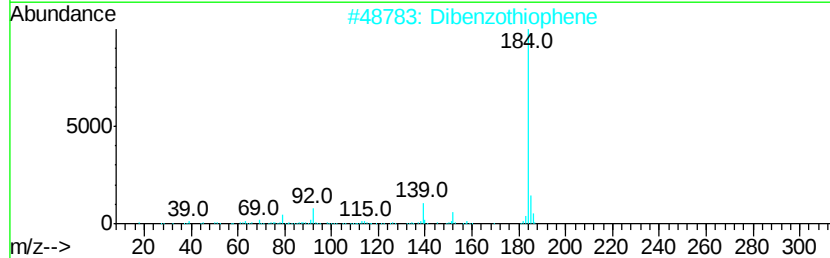
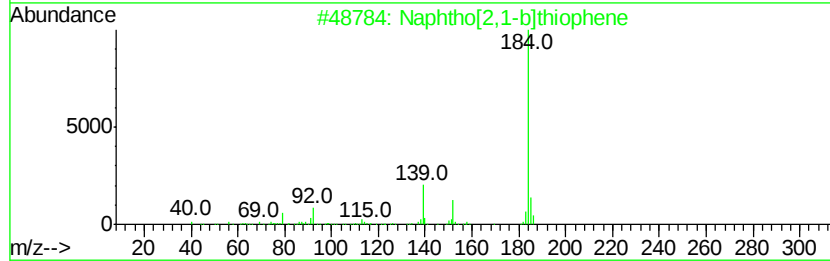
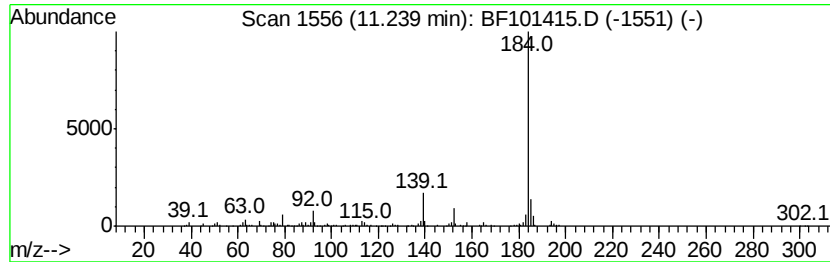
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.24	5.02 ng	421511	Phenanthrene-d10		11.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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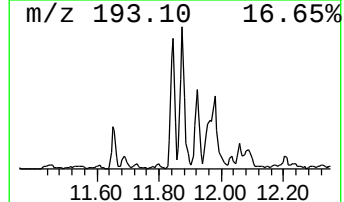
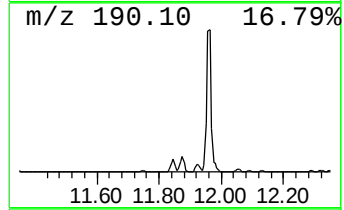
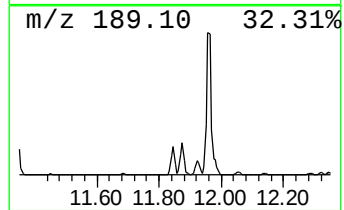
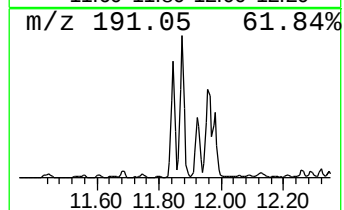
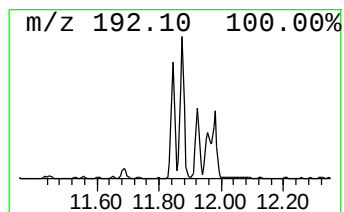
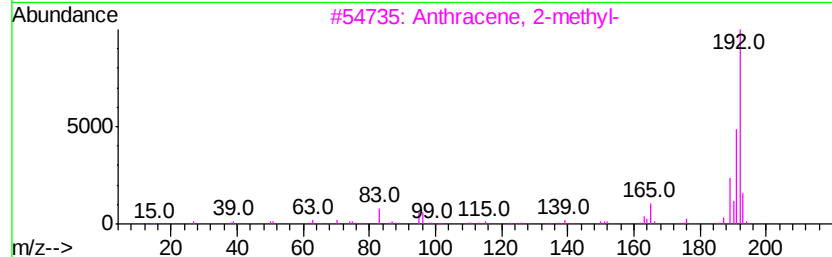
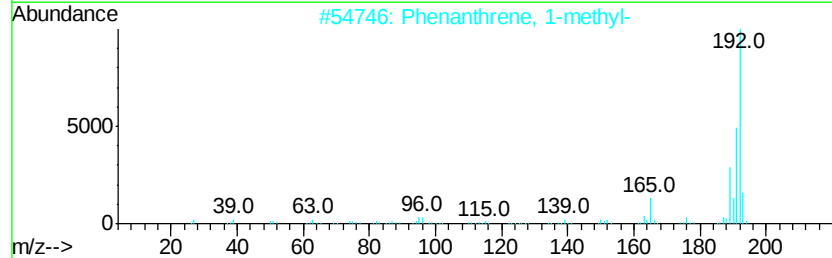
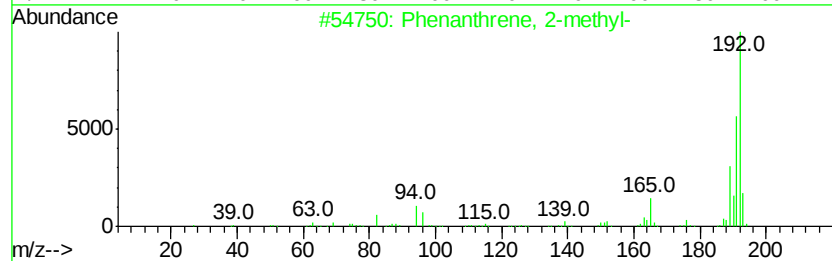
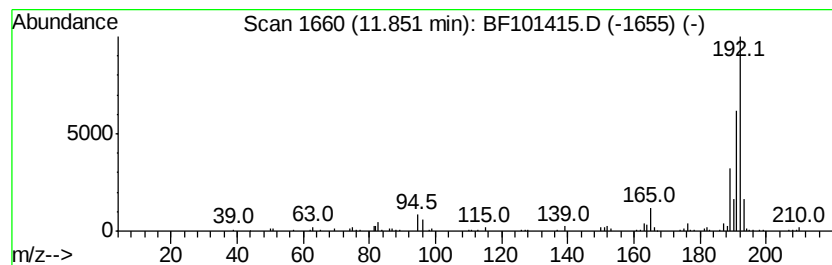
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.57 ng	467582	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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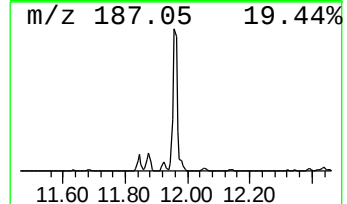
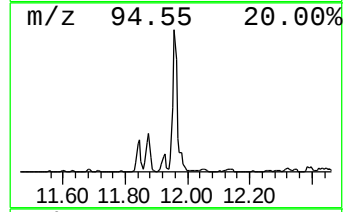
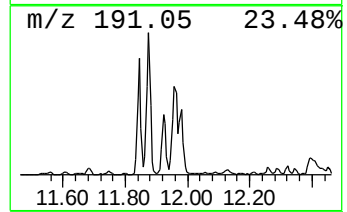
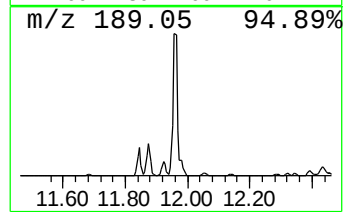
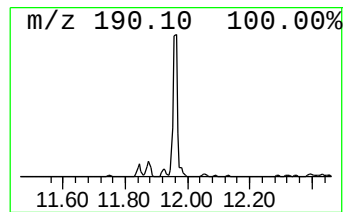
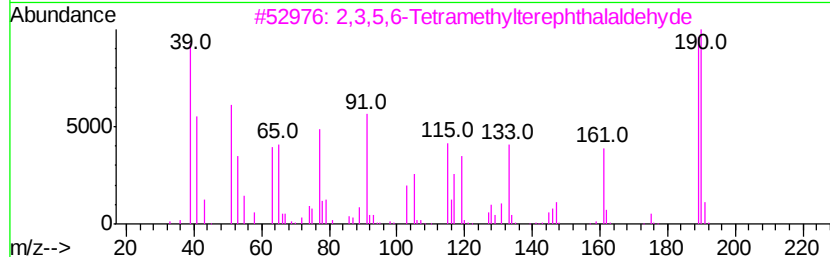
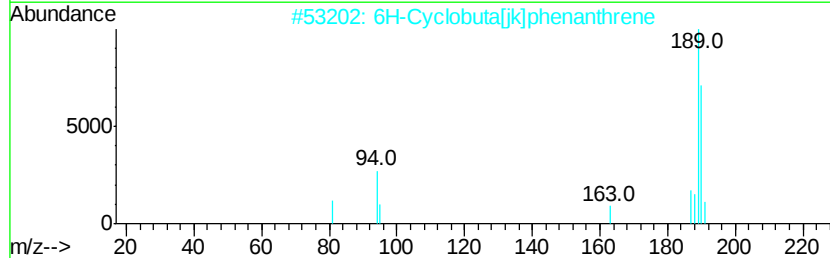
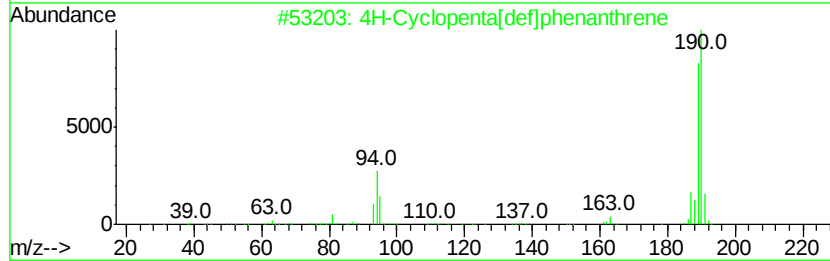
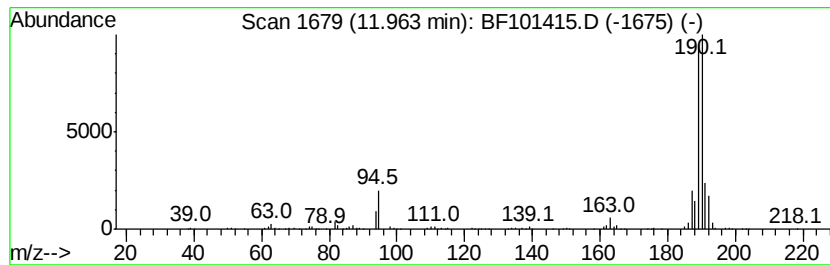
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	13.35 ng	1120400	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5		Methyl diselenide	190	C2H6Se2	007101-31-7	16



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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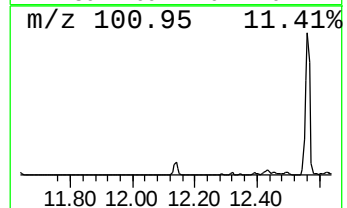
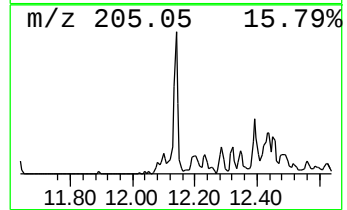
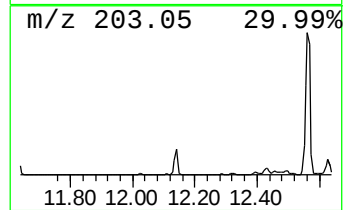
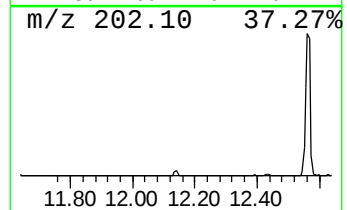
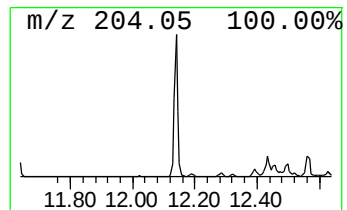
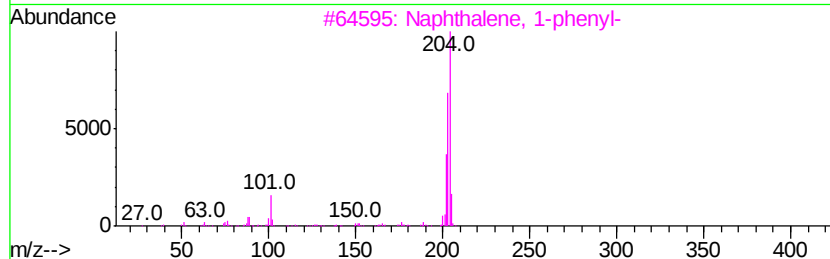
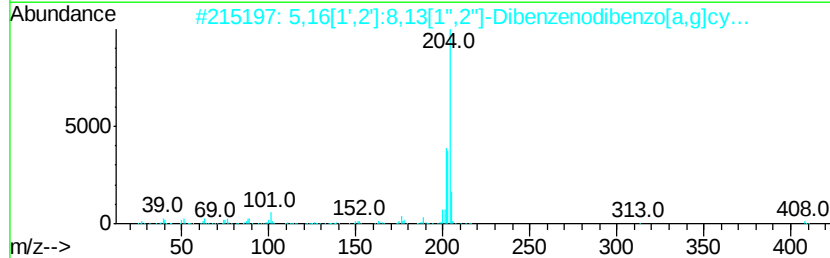
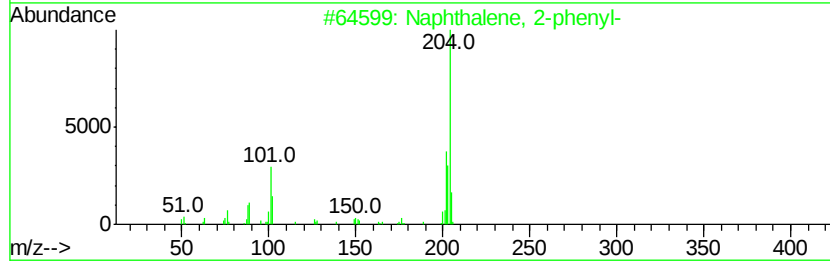
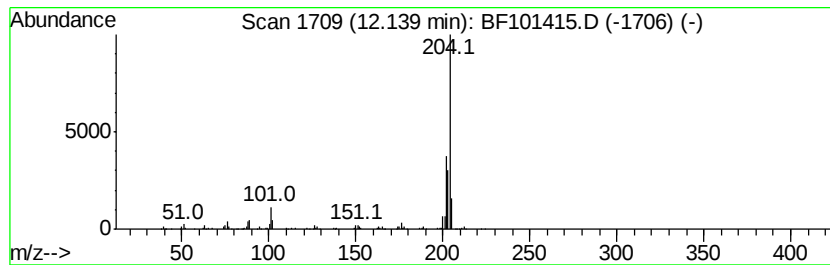
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.16 ng	349275	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	80
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4539-01

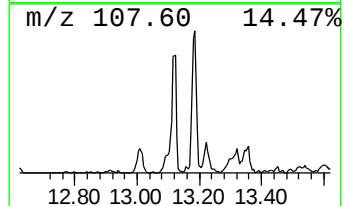
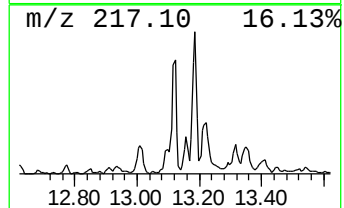
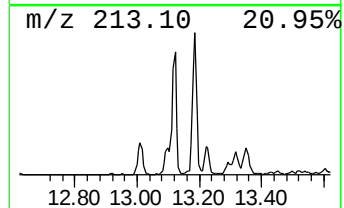
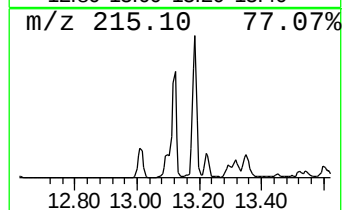
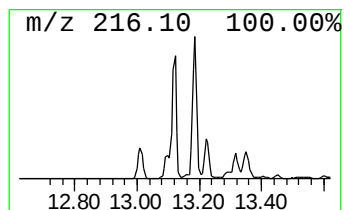
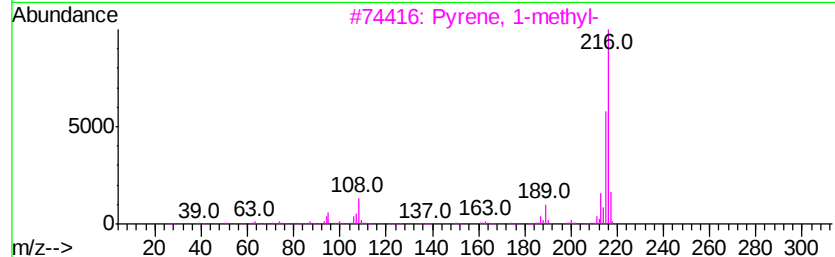
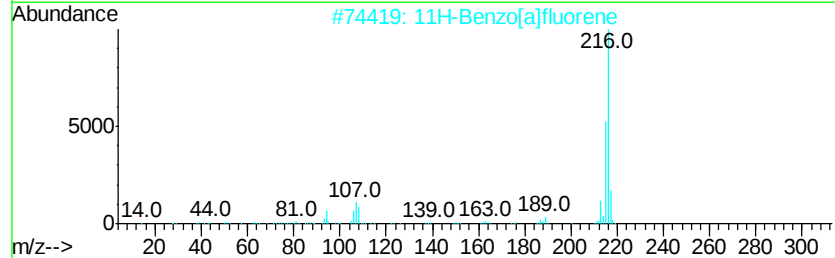
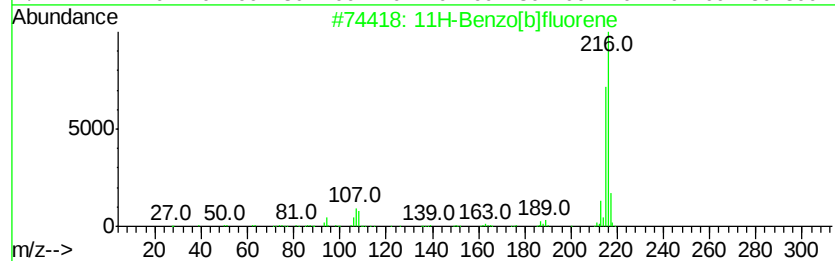
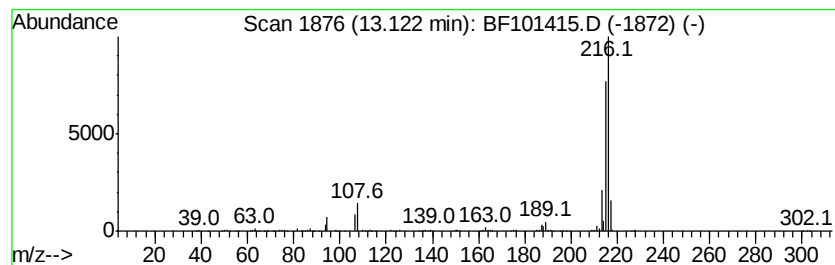
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.30 ng	738271	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
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Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

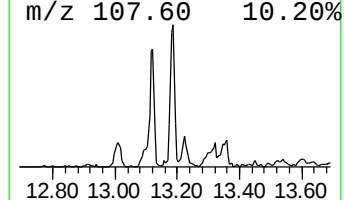
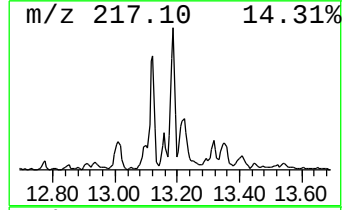
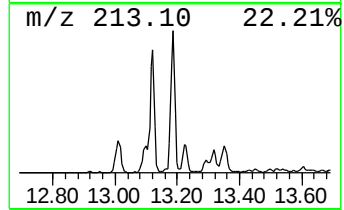
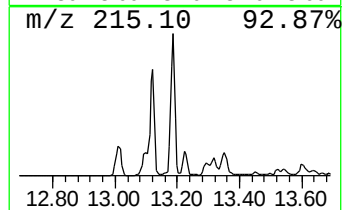
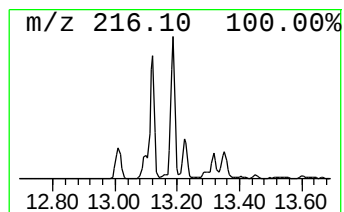
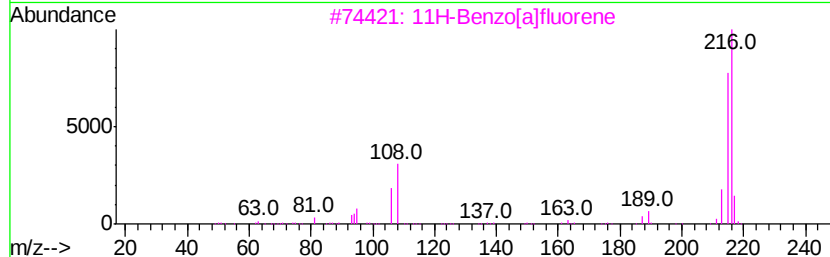
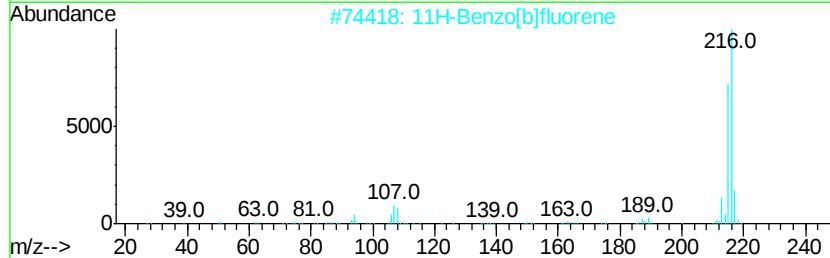
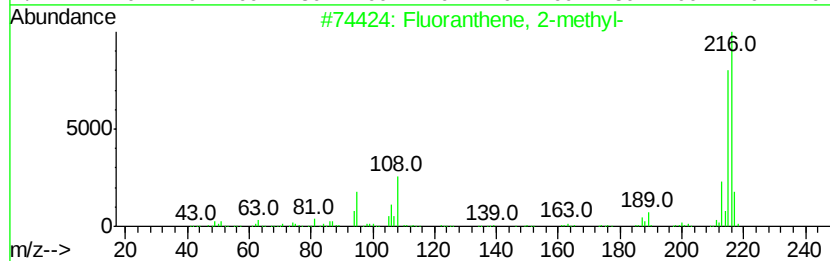
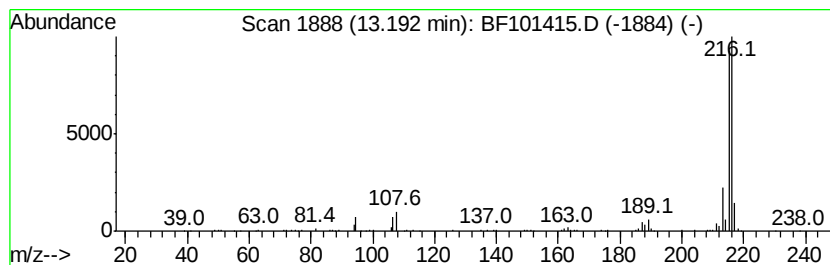
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	5.37 ng	748378	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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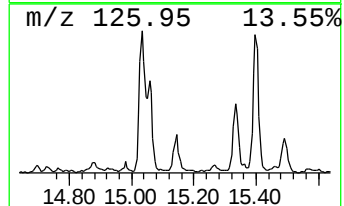
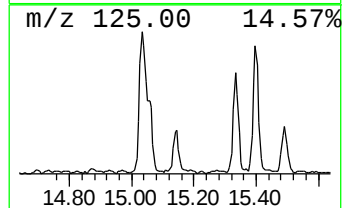
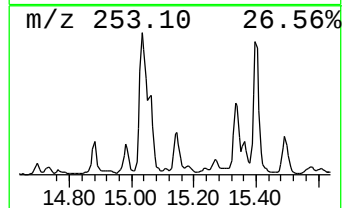
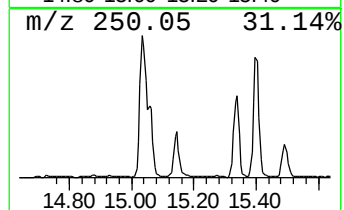
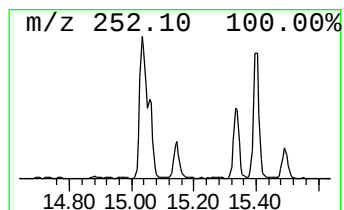
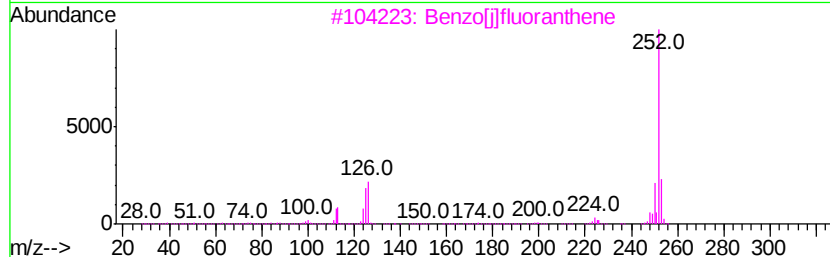
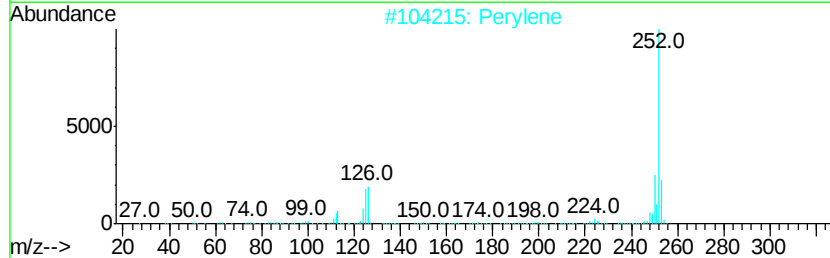
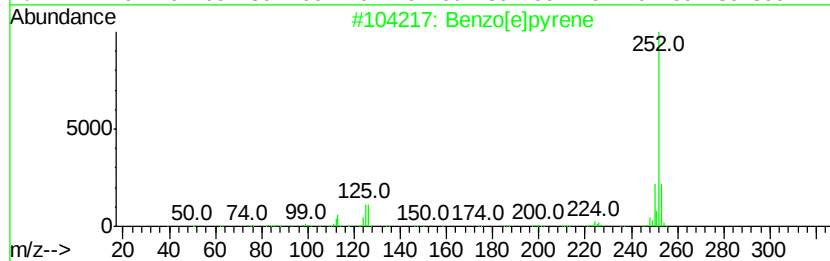
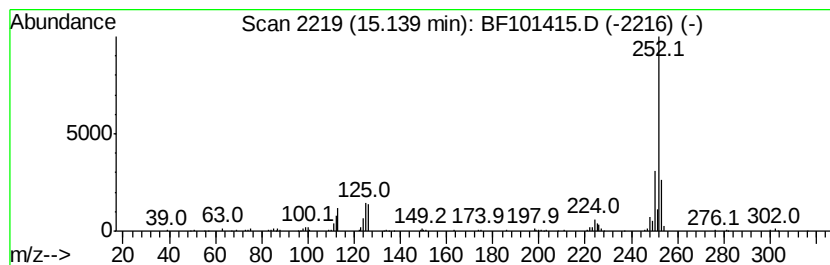
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.98 ng	219497	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101415.D
Acq On : 15 Dec 2017 1:10
Operator : SJ/JU
Sample : I6827-01 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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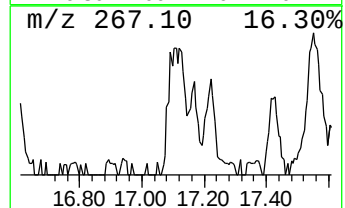
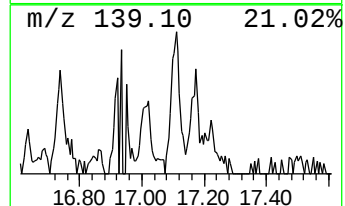
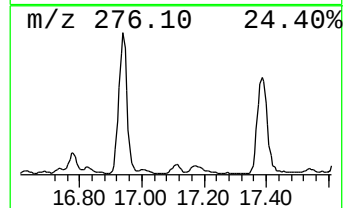
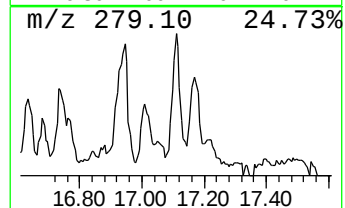
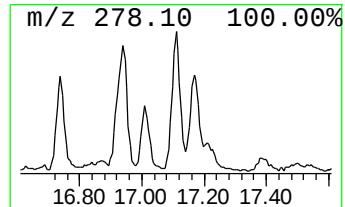
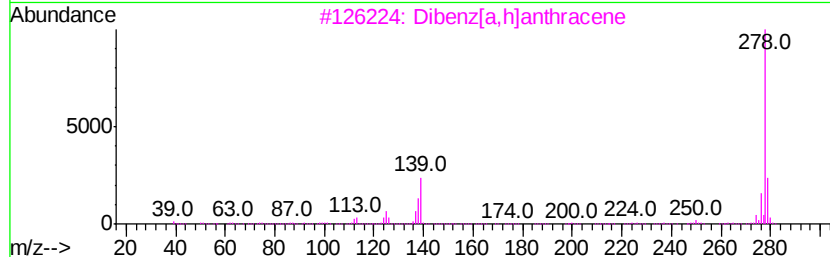
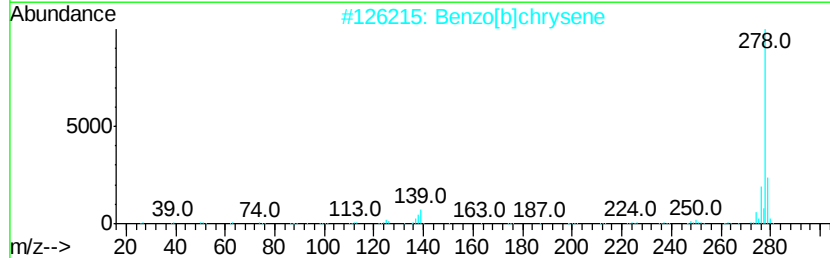
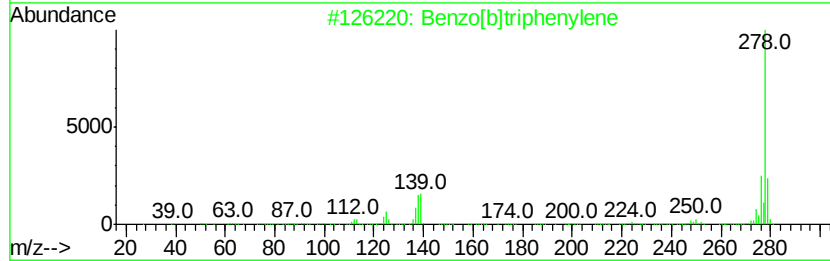
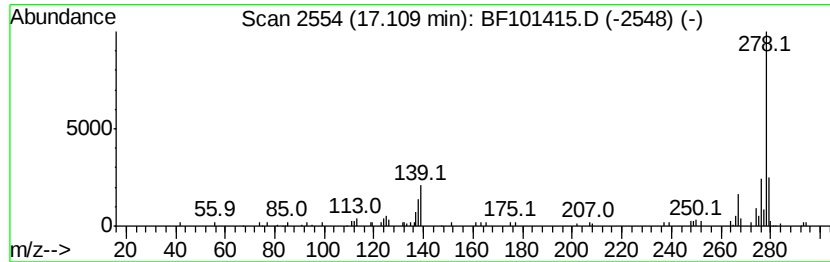
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	2.95 ng	129704	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Benzo[b]chrysene	278	C22H14	000214-17-5	95
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4		Pentaphene	278	C22H14	000222-93-5	95
5		Picene	278	C22H14	000213-46-7	95



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101415.D
 Acq On : 15 Dec 2017 1:10
 Operator : SJ/JU
 Sample : I6827-01 100X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
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Naphthalene, 2,7-...	9.44	5.5	ng	378173	3	9.85	1378420	20.0
Naphthalene, 1,7-...	9.51	4.9	ng	337189	3	9.85	1378420	20.0
Naphthalene, 1,6-...	9.54	3.3	ng	224701	3	9.85	1378420	20.0
[1,1'-Biphenyl]-4...	10.56	4.5	ng	312255	3	9.85	1378420	20.0
9H-Fluorene, 1-me...	10.95	3.8	ng	318617	4	11.35	1679120	20.0
Naphtho[2,1-b]thi...	11.24	5.0	ng	421511	4	11.35	1679120	20.0
Phenanthrene, 2-m...	11.85	5.6	ng	467582	4	11.35	1679120	20.0
4H-Cyclopenta[def...	11.96	13.4	ng	1120400	4	11.35	1679120	20.0
Naphthalene, 2-ph...	12.14	4.2	ng	349275	4	11.35	1679120	20.0
11H-Benzo[b]fluorene	13.12	5.3	ng	738271	5	13.99	2788140	20.0
Fluoranthene, 2-m...	13.19	5.4	ng	748378	5	13.99	2788140	20.0
Benzo[e]pyrene	15.14	5.0	ng	219497	6	15.46	880785	20.0
Benzo[b]triphenylene	17.11	3.0	ng	129704	6	15.46	880785	20.0