

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101402.D
 Acq On : 14 Dec 2017 19:23
 Operator : SJ/JU
 Sample : I6836-01 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-70-01

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	3.851	296	300	310	rVB	127701	197715	3.50%	0.430%
2	4.428	392	398	405	rBV2	77085	112468	1.99%	0.244%
3	5.393	559	562	576	rVB	158419	211960	3.76%	0.461%
4	5.651	602	606	613	rBV	87125	104146	1.85%	0.226%
5	6.481	743	747	762	rBV	61458	130732	2.32%	0.284%
6	6.634	770	773	777	rBV2	89264	112250	1.99%	0.244%
7	6.669	777	779	788	rVB	91974	98592	1.75%	0.214%
8	6.810	800	803	811	rBV	1063048	1059912	18.78%	2.303%
9	6.987	830	833	844	rVB	338801	324208	5.75%	0.704%
10	7.069	844	847	856	rBV	682608	728882	12.92%	1.584%
11	7.245	874	877	885	rBV	62731	105227	1.86%	0.229%
12	7.881	982	985	996	rVB2	50339	97918	1.74%	0.213%
13	8.098	1015	1022	1023	rBV	1540203	1498749	26.56%	3.256%
14	8.128	1023	1027	1030	rVV	4849282	5642814	100.00%	12.260%
15	8.169	1032	1034	1046	rVB	264890	312862	5.54%	0.680%
16	8.469	1080	1085	1093	rBV	80771	115287	2.04%	0.250%
17	8.751	1129	1133	1139	rVB2	55952	90224	1.60%	0.196%
18	8.810	1139	1143	1150	rBV	1533198	1403065	24.86%	3.048%
19	8.910	1155	1160	1167	rVB	769774	759737	13.46%	1.651%
20	9.275	1219	1222	1227	rBV	347979	301962	5.35%	0.656%
21	9.369	1236	1238	1245	rVB	67558	77709	1.38%	0.169%
22	9.439	1245	1250	1254	rBV	252800	339072	6.01%	0.737%
23	9.510	1258	1262	1265	rVV	309025	343671	6.09%	0.747%
24	9.539	1265	1267	1271	rVV	212135	196841	3.49%	0.428%
25	9.581	1271	1274	1278	rVB	102634	90178	1.60%	0.196%
26	9.628	1278	1282	1287	rBV	145237	164291	2.91%	0.357%
27	9.716	1293	1297	1304	rBV	1115643	977511	17.32%	2.124%
28	9.851	1317	1320	1323	rVB2	1503475	1339190	23.73%	2.910%
29	9.886	1323	1326	1330	rVB	560199	500879	8.88%	1.088%
30	10.057	1351	1355	1359	rBV	904020	812239	14.39%	1.765%
31	10.092	1359	1361	1365	rVB	108743	102391	1.81%	0.222%
32	10.169	1370	1374	1377	rBV	92439	101572	1.80%	0.221%
33	10.257	1384	1389	1391	rBV2	53568	89333	1.58%	0.194%
34	10.310	1395	1398	1402	rBV	93238	90014	1.60%	0.196%

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35	10.404	1410	1414	1420	rVB	1394550	1285174	22.78%	2.792%
36	10.557	1436	1440	1443	rVV	171820	177019	3.14%	0.385%
37	10.639	1448	1454	1459	rBV3	214482	411114	7.29%	0.893%
38	10.745	1469	1472	1481	rBV3	81582	152724	2.71%	0.332%
39	10.951	1502	1507	1510	rBV2	183139	220273	3.90%	0.479%
40	11.192	1545	1548	1550	rVV	143651	120483	2.14%	0.262%
41	11.239	1550	1556	1561	rVB	462453	479408	8.50%	1.042%
42	11.345	1570	1574	1576	rBV	1619311	1617297	28.66%	3.514%
43	11.374	1576	1579	1582	rVV	3342685	3180878	56.37%	6.911%
44	11.422	1582	1587	1591	rVV	1329404	1175395	20.83%	2.554%
45	11.463	1591	1594	1598	rVB2	98670	112967	2.00%	0.245%
46	11.580	1609	1614	1618	rBV	487846	509240	9.02%	1.106%
47	11.616	1618	1620	1622	rBV	108547	94138	1.67%	0.205%
48	11.674	1628	1630	1636	rVB2	167762	166495	2.95%	0.362%
49	11.757	1641	1644	1648	rBV	113454	131510	2.33%	0.286%
50	11.845	1655	1659	1662	rBV	480453	449077	7.96%	0.976%
51	11.874	1662	1664	1668	rVB	591760	496510	8.80%	1.079%
52	11.922	1668	1672	1675	rBV	208840	229472	4.07%	0.499%
53	11.957	1675	1678	1681	rBV	681101	751739	13.32%	1.633%
54	12.027	1687	1690	1693	rBV2	170596	145667	2.58%	0.316%
55	12.139	1706	1709	1712	rBV	289825	236507	4.19%	0.514%
56	12.174	1713	1715	1720	rVB3	70753	78741	1.40%	0.171%
57	12.322	1737	1740	1742	rVB	105631	80202	1.42%	0.174%
58	12.345	1742	1744	1747	rVB2	100833	91995	1.63%	0.200%
59	12.398	1747	1753	1754	rBV	283884	301960	5.35%	0.656%
60	12.480	1765	1767	1771	rBV2	76790	106537	1.89%	0.231%
61	12.563	1777	1781	1785	rBV	2323979	2164320	38.36%	4.702%
62	12.657	1794	1797	1801	rBV	422521	365647	6.48%	0.794%
63	12.716	1803	1807	1809	rBV2	142935	145480	2.58%	0.316%
64	12.792	1817	1820	1826	rVB	2038451	2008976	35.60%	4.365%
65	12.845	1826	1829	1833	rVV	168678	163769	2.90%	0.356%
66	12.916	1835	1841	1844	rVV2	144920	213601	3.79%	0.464%
67	12.957	1844	1848	1852	rVB	101867	134137	2.38%	0.291%
68	13.010	1852	1857	1861	rBV3	143727	268112	4.75%	0.583%
69	13.045	1861	1863	1868	rVV2	64514	103030	1.83%	0.224%
70	13.098	1868	1872	1873	rVV3	135640	168371	2.98%	0.366%
71	13.121	1873	1876	1878	rVV	437161	424773	7.53%	0.923%

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72	13.186	1882	1887	1890	rVV	489434	472416	8.37%	1.026%
73	13.227	1890	1894	1898	rVV2	211042	288233	5.11%	0.626%
74	13.292	1901	1905	1907	rVV2	82251	115277	2.04%	0.250%
75	13.316	1907	1909	1912	rVV	132125	148489	2.63%	0.323%
76	13.351	1912	1915	1924	rVB	169627	265541	4.71%	0.577%
77	13.486	1934	1938	1941	rBV3	65619	83240	1.48%	0.181%
78	13.604	1955	1958	1961	rBV2	57461	78691	1.39%	0.171%
79	13.745	1979	1982	1984	rBV	105887	98153	1.74%	0.213%
80	13.768	1984	1986	1988	rVB	127133	104545	1.85%	0.227%
81	13.798	1988	1991	1992	rBV	96829	91407	1.62%	0.199%
82	13.810	1992	1993	1998	rVB2	112533	113099	2.00%	0.246%
83	13.910	2005	2010	2016	rBV	70735	113927	2.02%	0.248%
84	13.992	2016	2024	2027	rBV2	1540125	2171834	38.49%	4.719%
85	14.021	2027	2029	2035	rVB	623112	576430	10.22%	1.252%
86	14.380	2085	2090	2094	rVB2	128646	145161	2.57%	0.315%
87	14.527	2113	2115	2119	rVB	114342	103220	1.83%	0.224%
88	14.733	2147	2150	2154	rVB3	69957	78155	1.39%	0.170%
89	15.039	2197	2202	2204	rBV	341580	485802	8.61%	1.055%
90	15.063	2204	2206	2212	rVB2	235971	254149	4.50%	0.552%
91	15.145	2217	2220	2224	rBV	101879	108927	1.93%	0.237%
92	15.339	2249	2253	2260	rVB	216462	266830	4.73%	0.580%
93	15.404	2260	2264	2268	rBV	337443	436211	7.73%	0.948%
94	15.462	2270	2274	2278	rVV2	648514	848239	15.03%	1.843%
95	15.498	2278	2280	2286	rVB2	89939	116168	2.06%	0.252%
96	15.862	2333	2342	2348	rBV7	44628	104453	1.85%	0.227%
97	16.362	2422	2427	2434	rVB5	40280	76330	1.35%	0.166%
98	16.939	2519	2525	2532	rBV	148309	302296	5.36%	0.657%
99	17.392	2596	2602	2617	rVB2	97755	233898	4.15%	0.508%
100	17.645	2638	2645	2654	rVB3	53985	148972	2.64%	0.324%

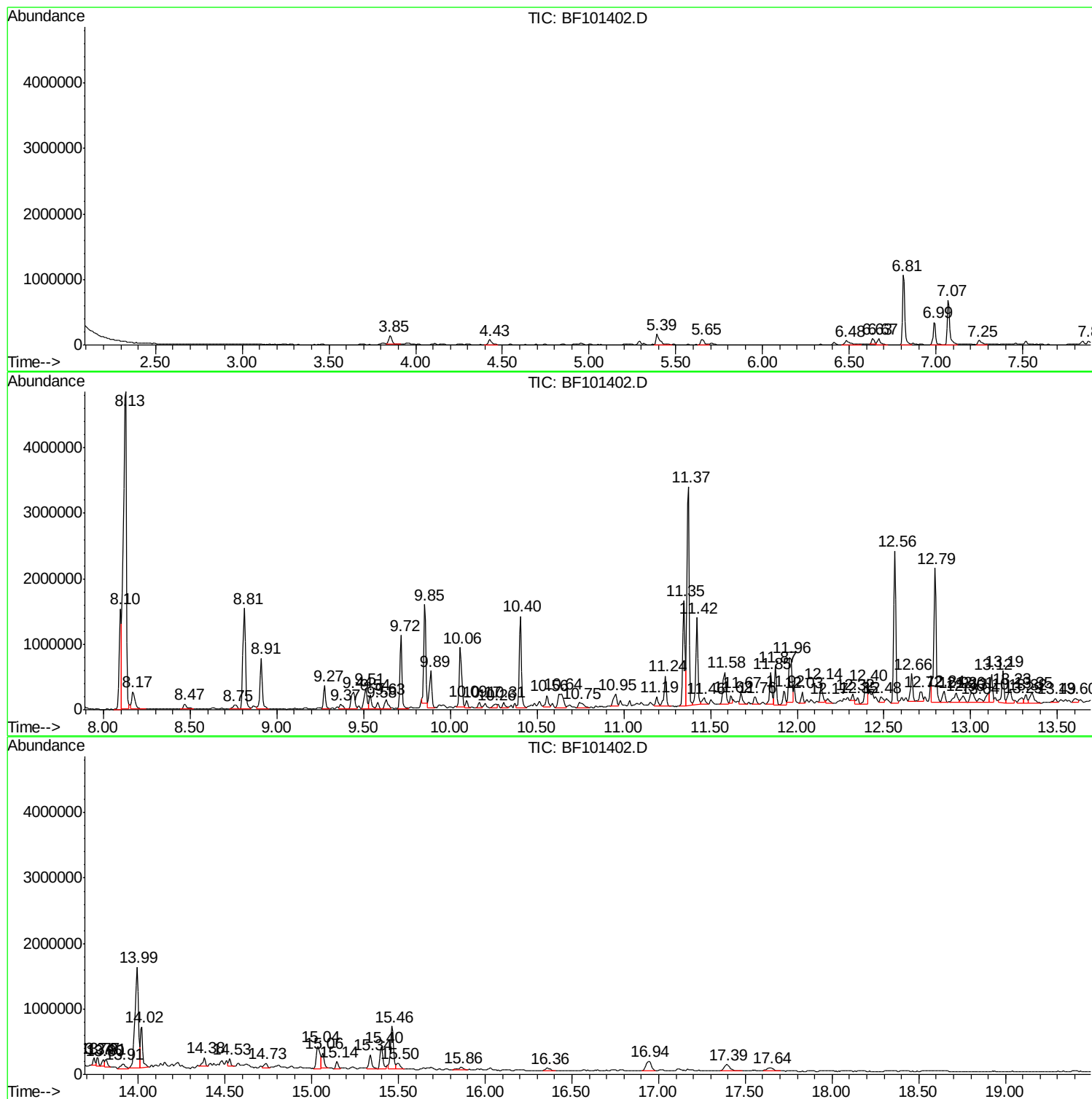
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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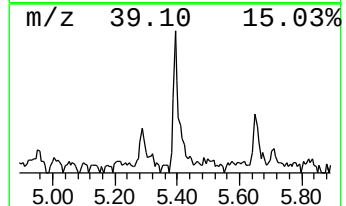
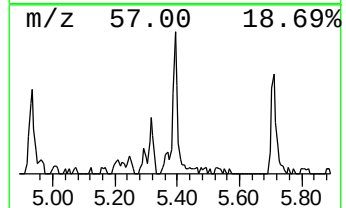
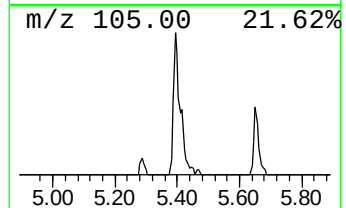
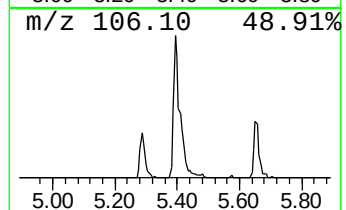
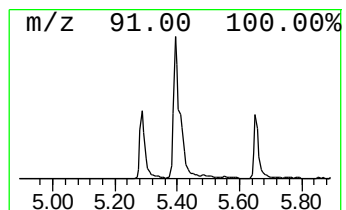
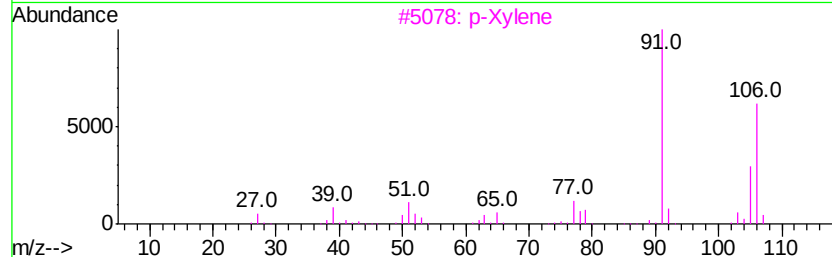
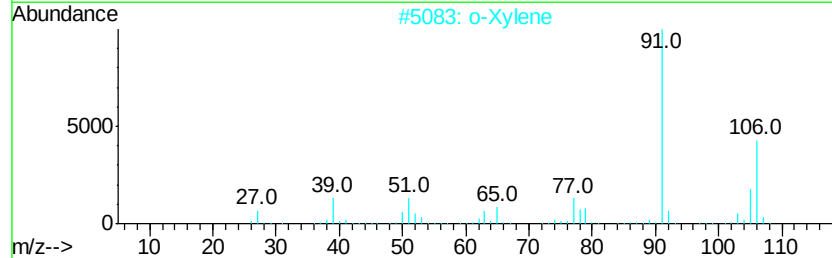
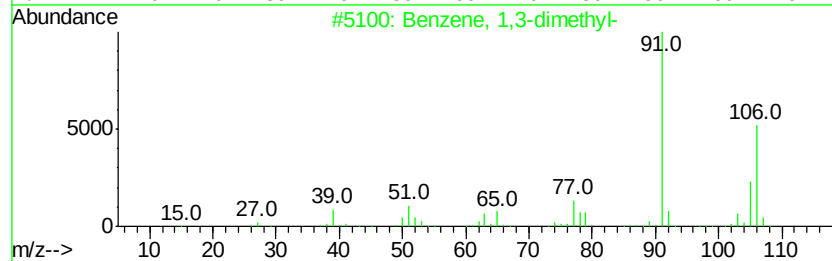
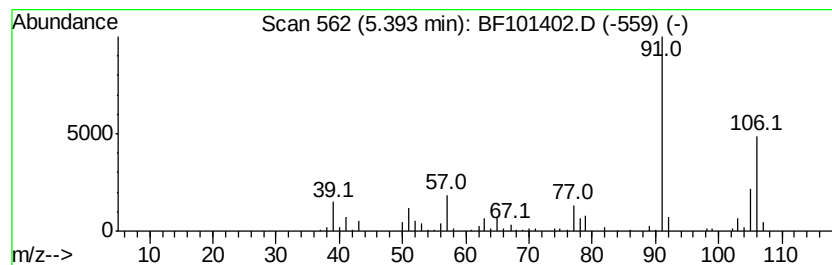
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	4.00 ng	211960	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2			o-Xylene	106	C8H10	000095-47-6	95
3			p-Xylene	106	C8H10	000106-42-3	95
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80



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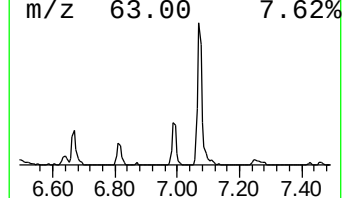
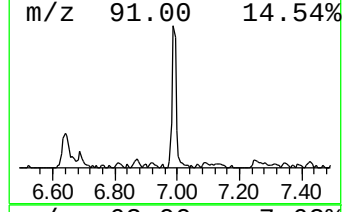
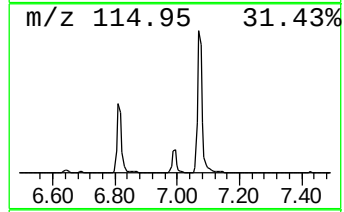
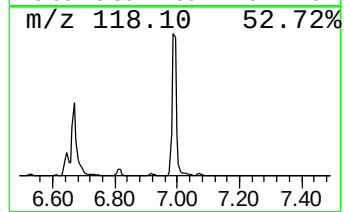
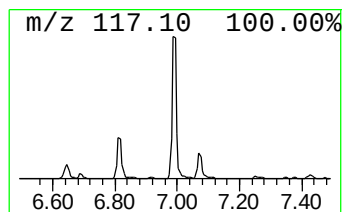
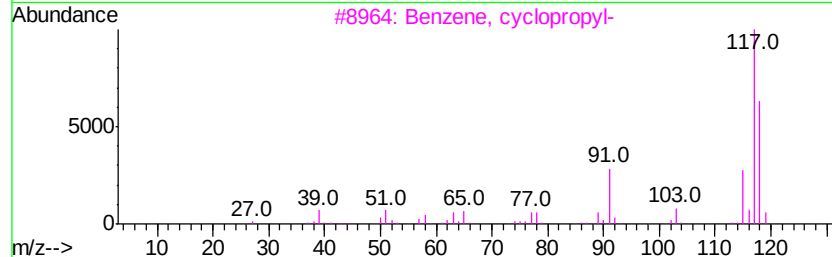
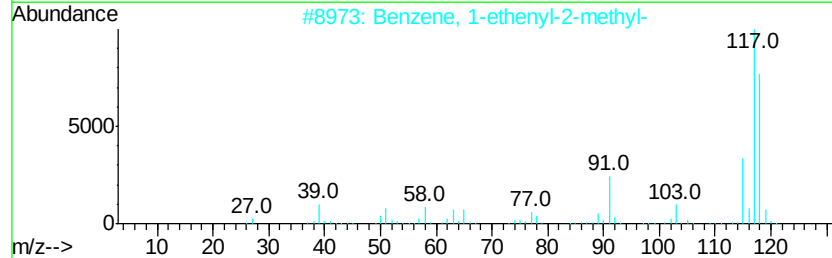
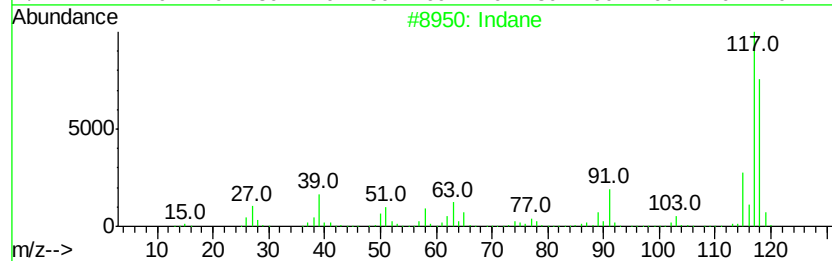
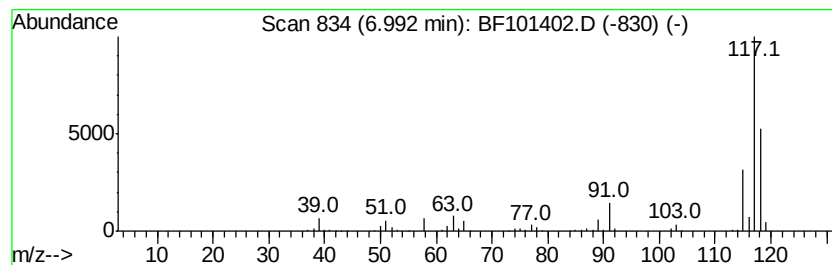
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Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	6.12 ng	324208	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	90
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83



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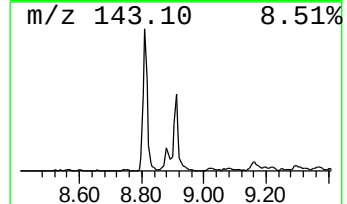
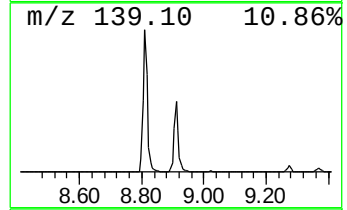
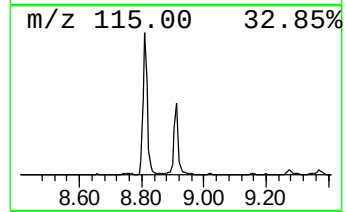
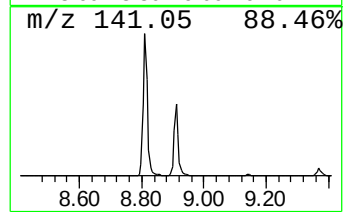
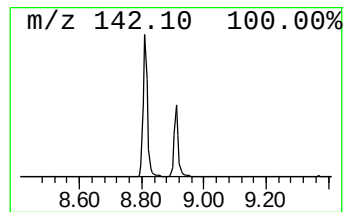
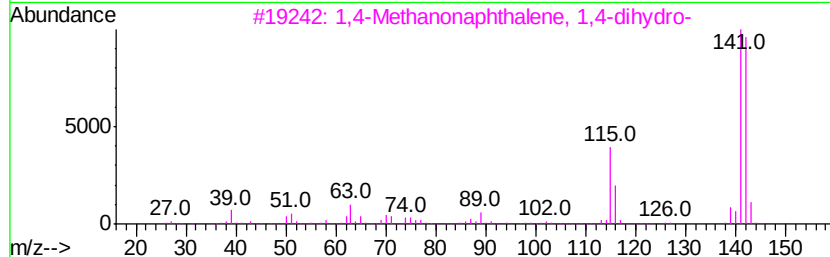
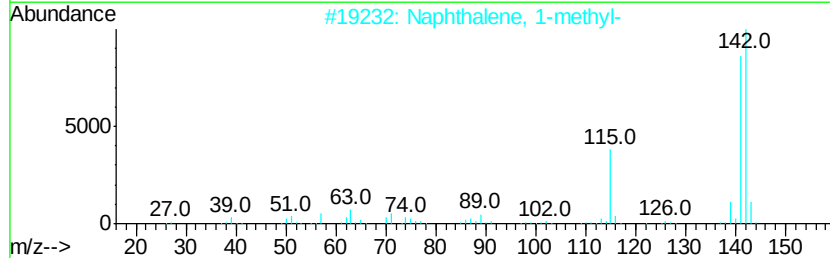
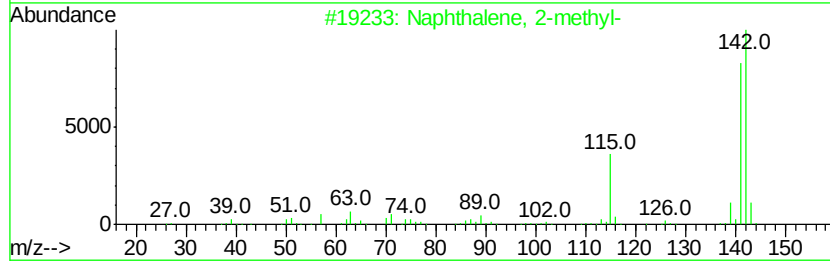
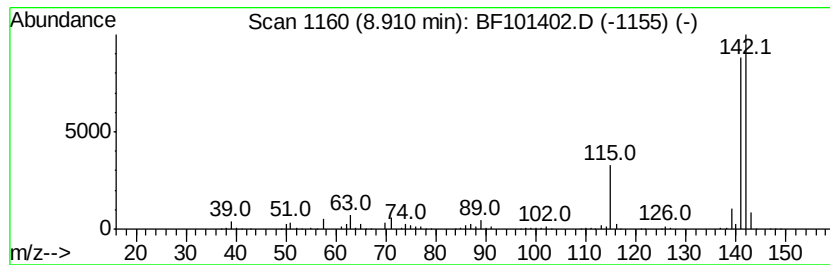
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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	10.14 ng	759737	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 94
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 78



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Sample : I6836-01 100X
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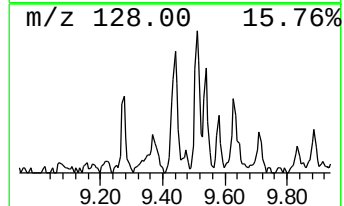
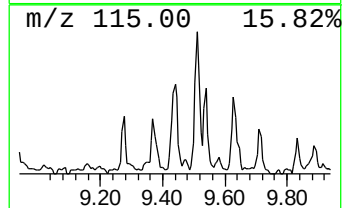
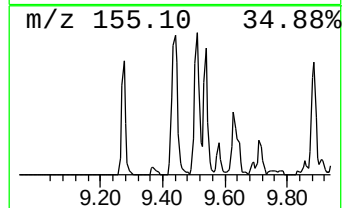
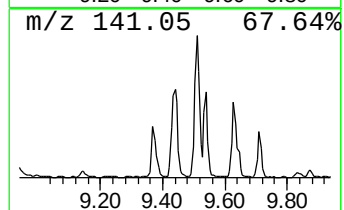
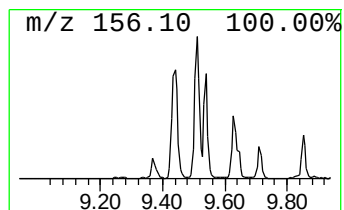
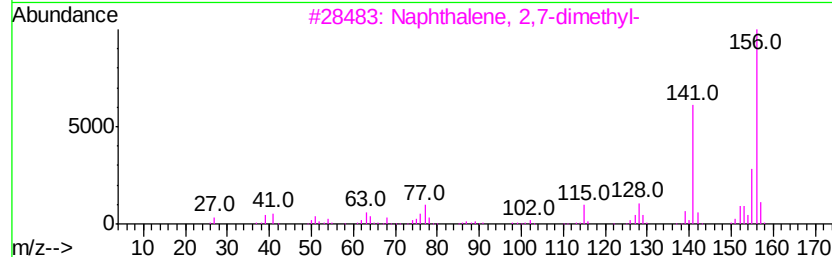
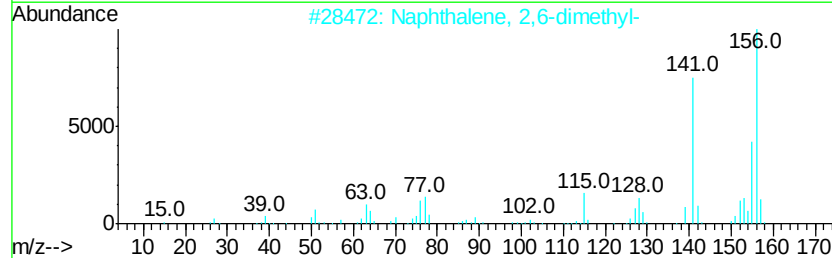
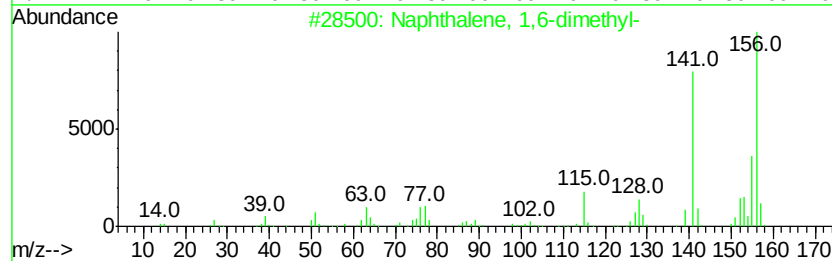
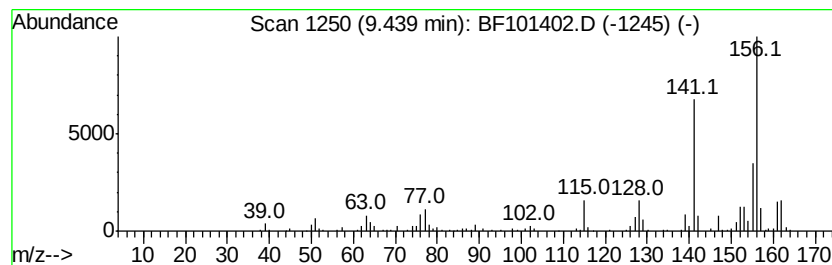
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	5.06 ng	339072	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



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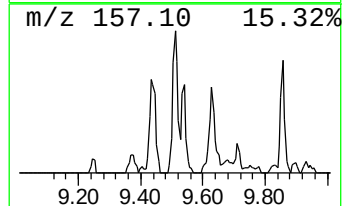
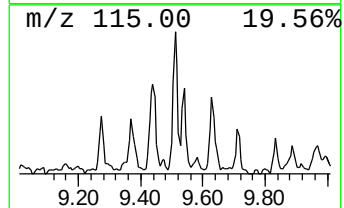
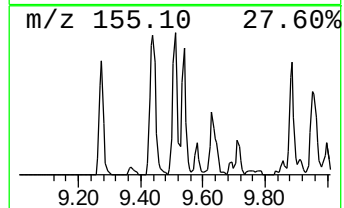
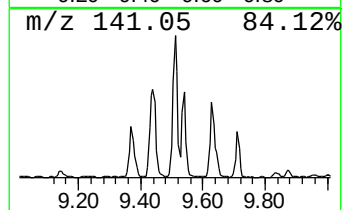
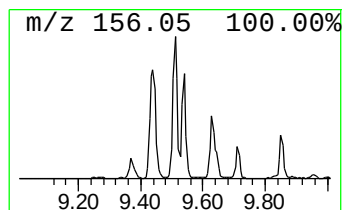
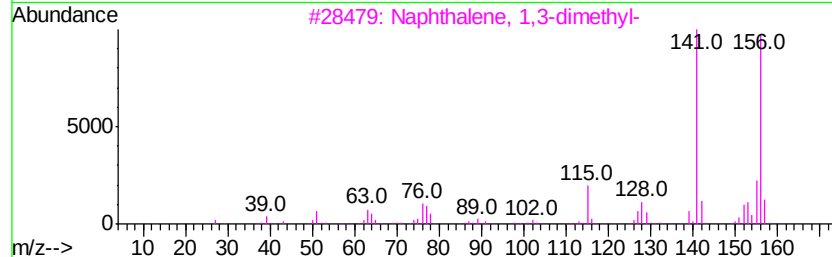
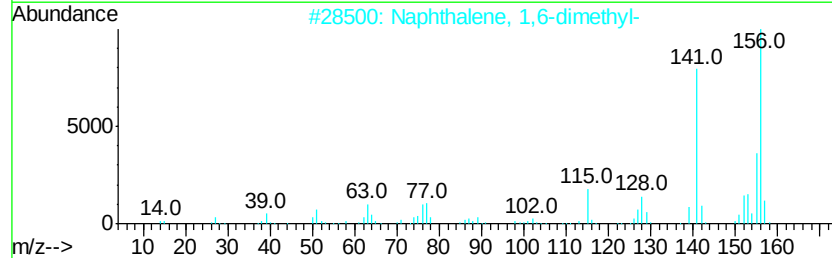
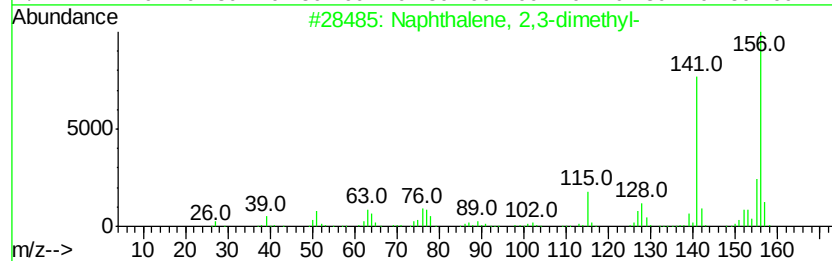
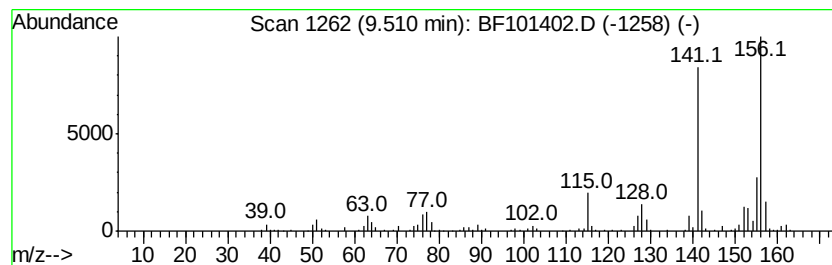
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	5.13 ng	343671	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



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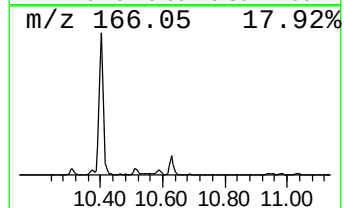
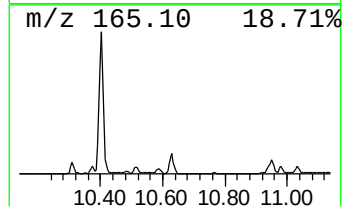
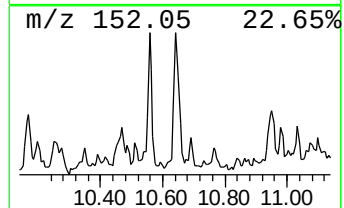
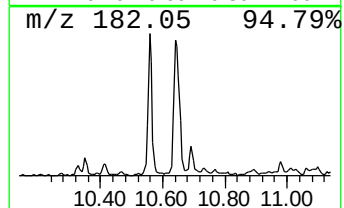
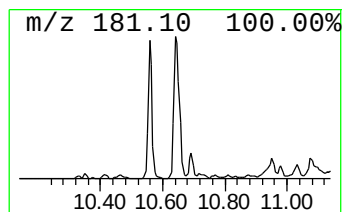
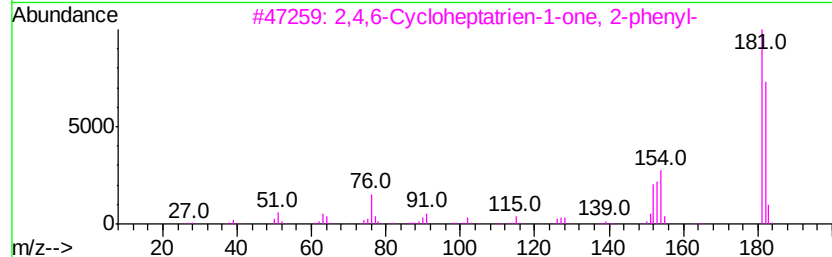
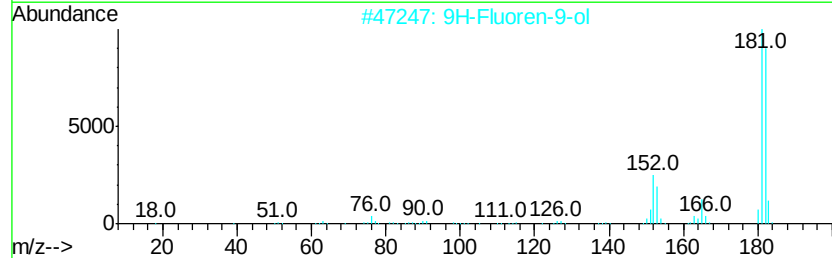
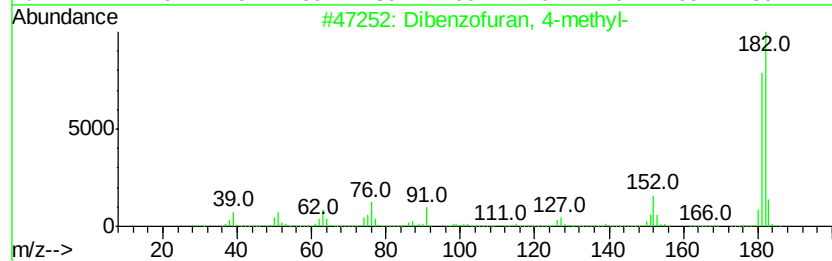
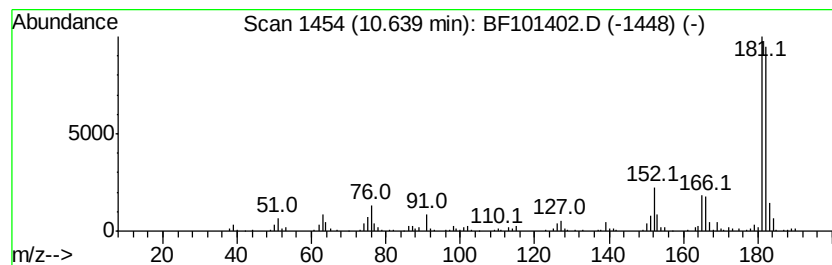
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.64	5.08 ng	411114	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
5		Cinnamic acid, .beta.-chloro-, (E)-	182	C9H7ClO2	018819-63-1	59



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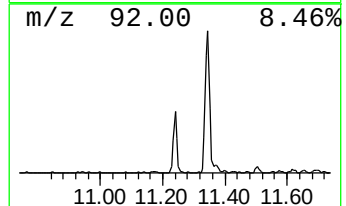
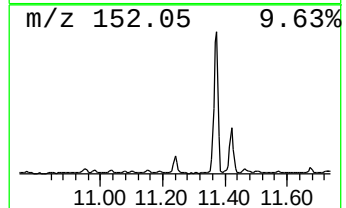
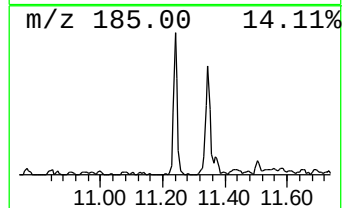
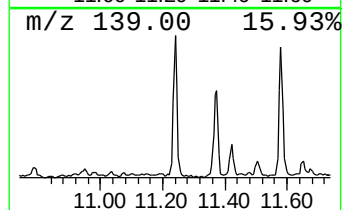
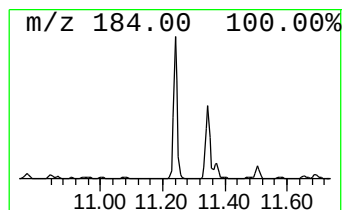
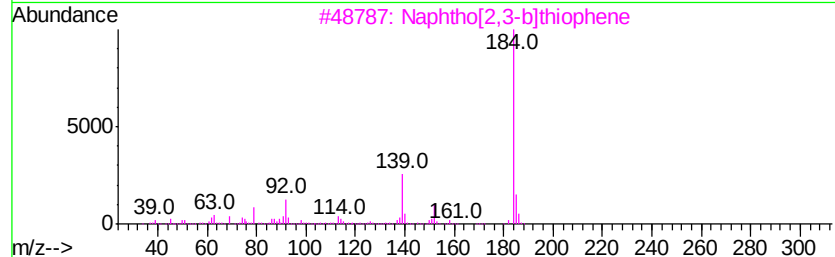
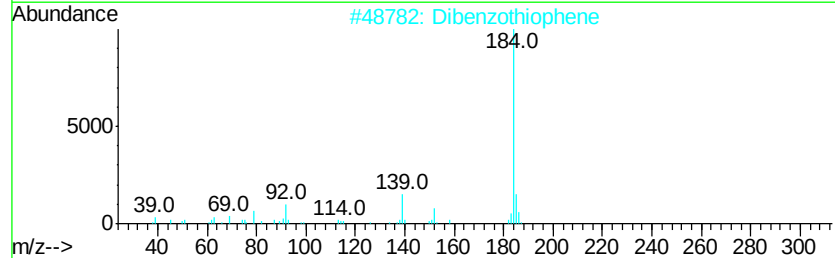
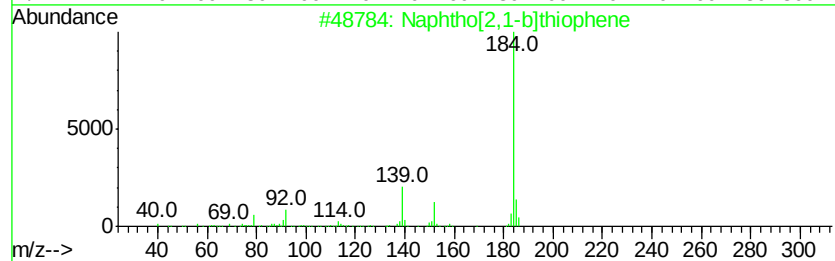
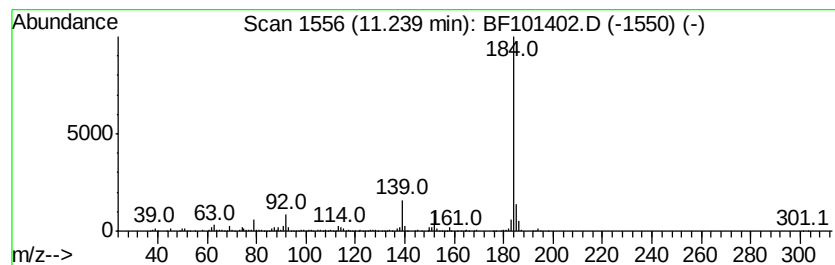
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.24	5.93 ng	479408	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	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



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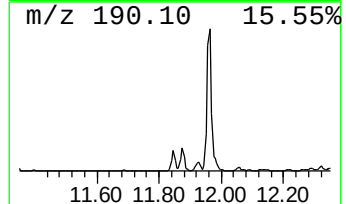
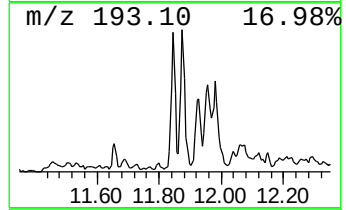
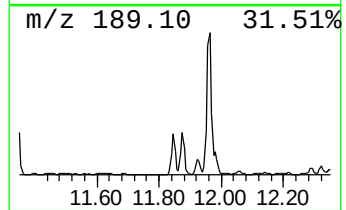
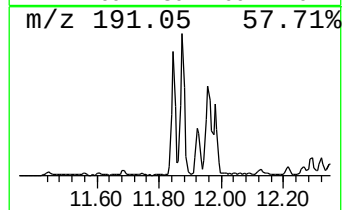
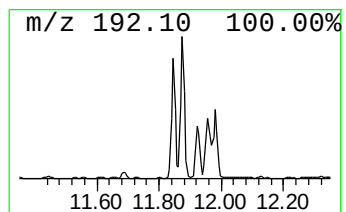
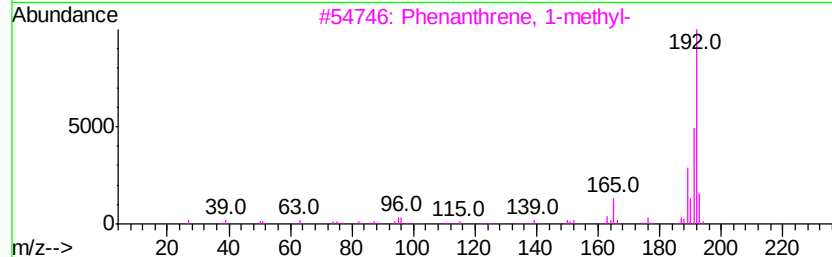
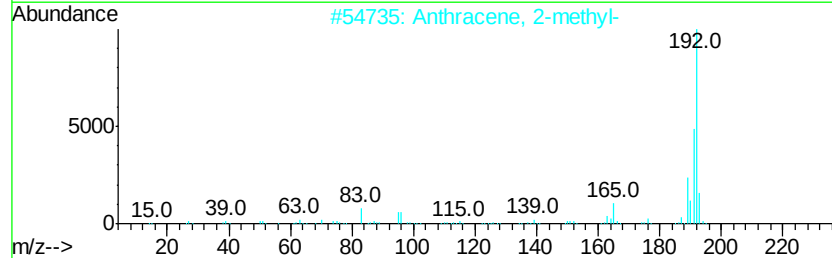
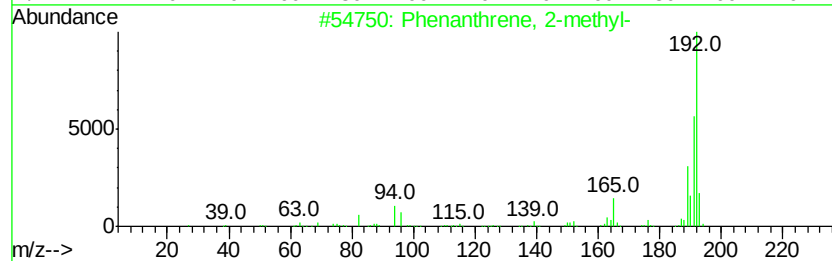
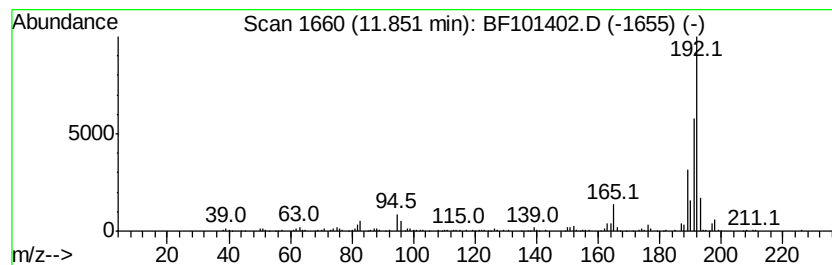
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.55 ng	449077	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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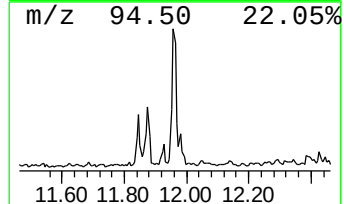
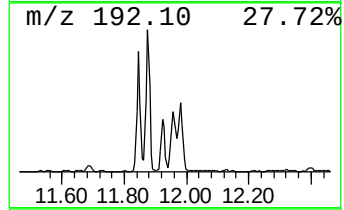
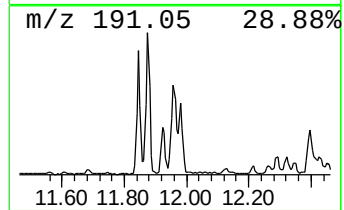
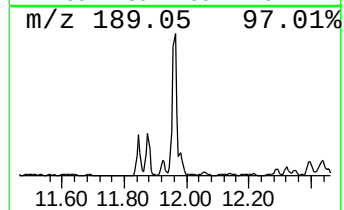
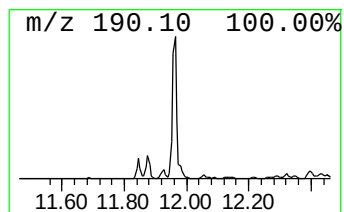
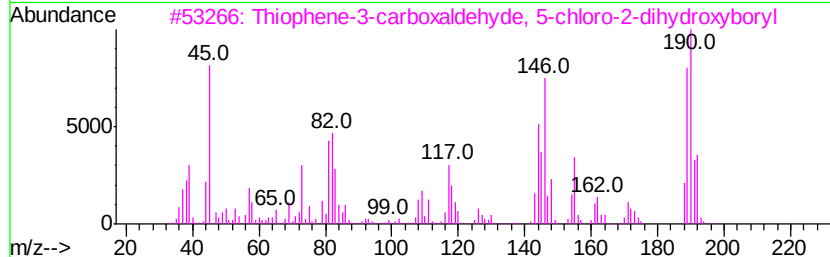
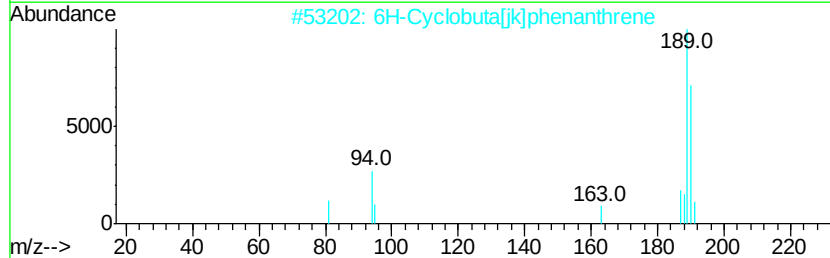
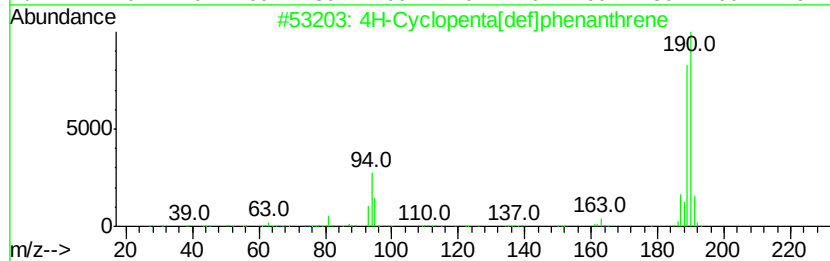
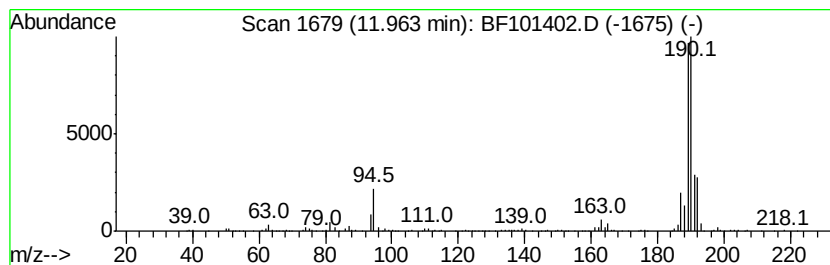
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	9.30 ng	751739	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



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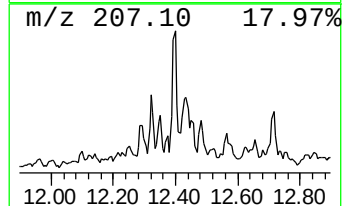
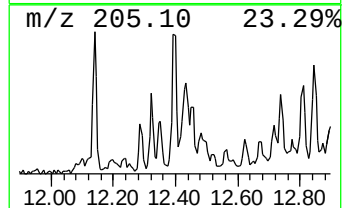
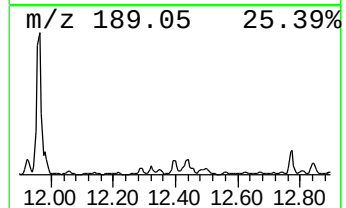
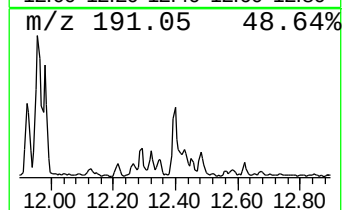
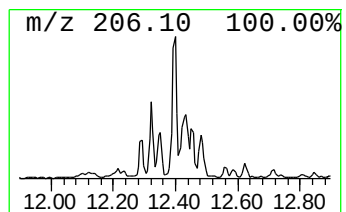
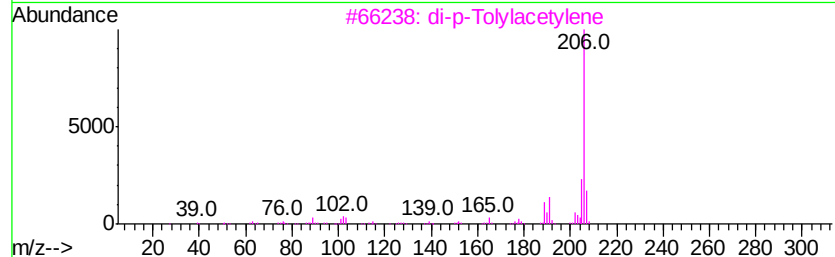
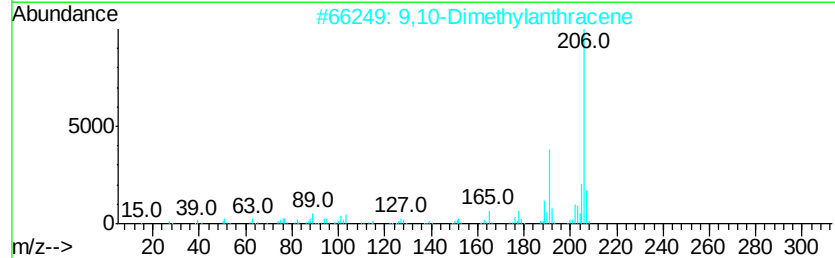
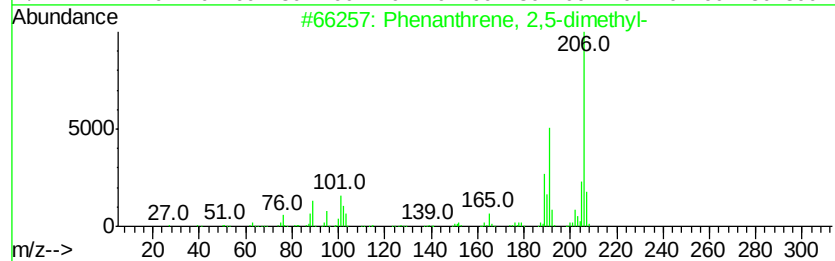
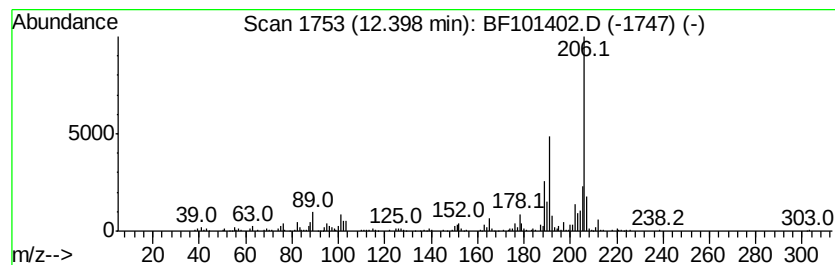
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.73 ng	301960	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
Acq On : 14 Dec 2017 19:23
Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

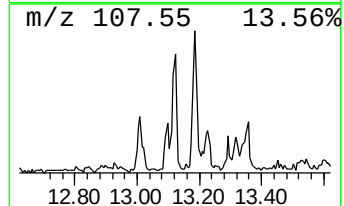
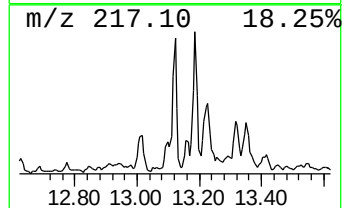
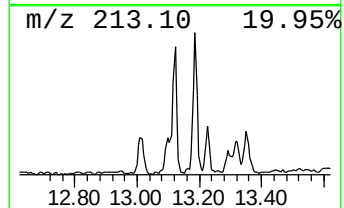
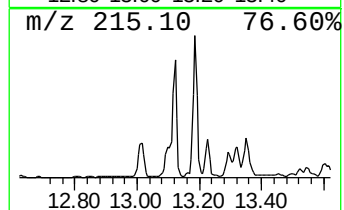
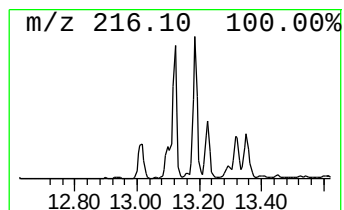
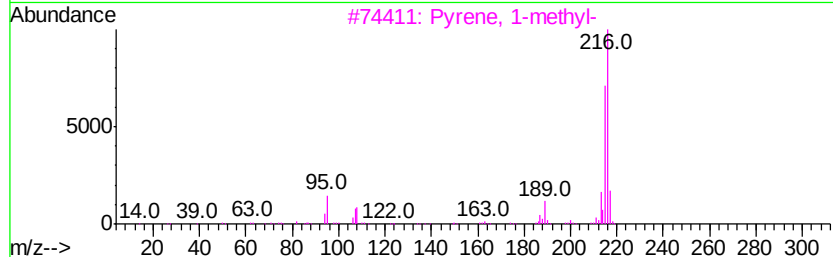
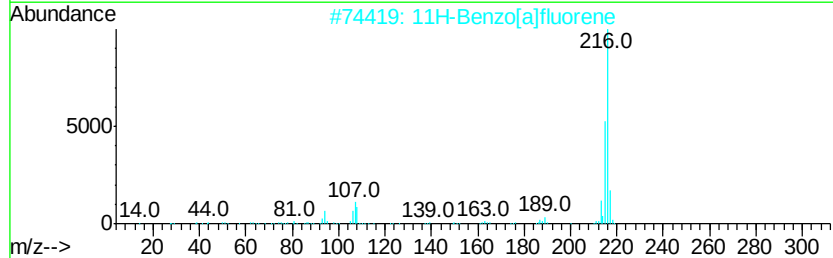
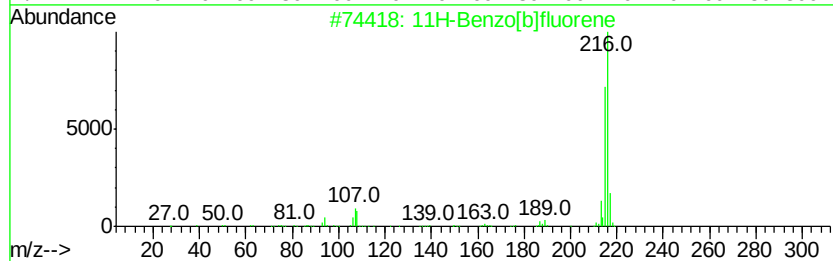
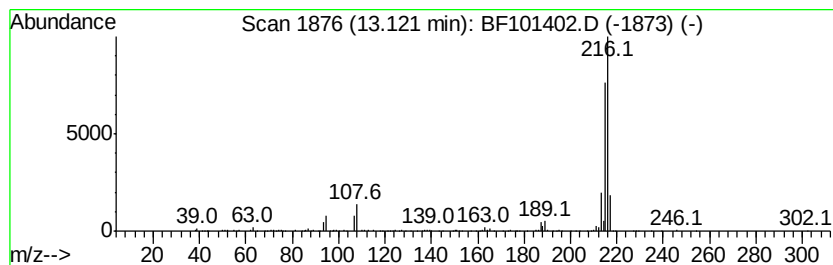
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.91 ng	424773	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 96
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 95
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 91
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
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Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

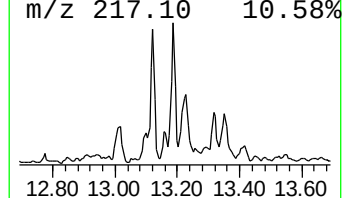
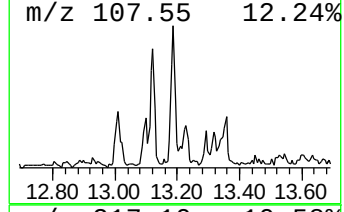
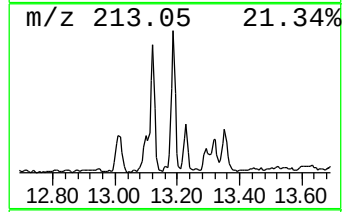
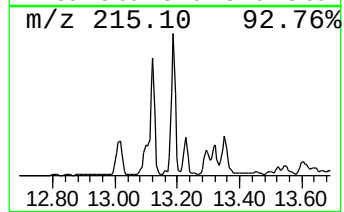
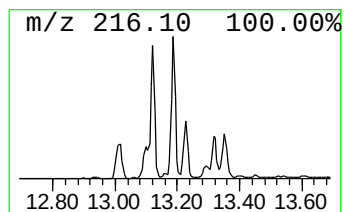
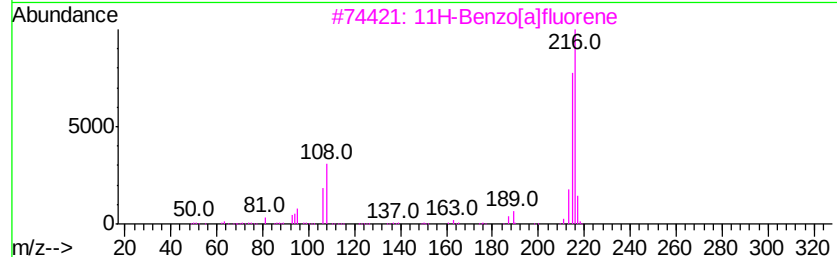
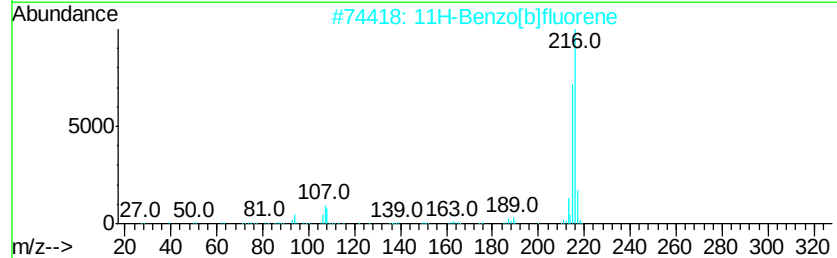
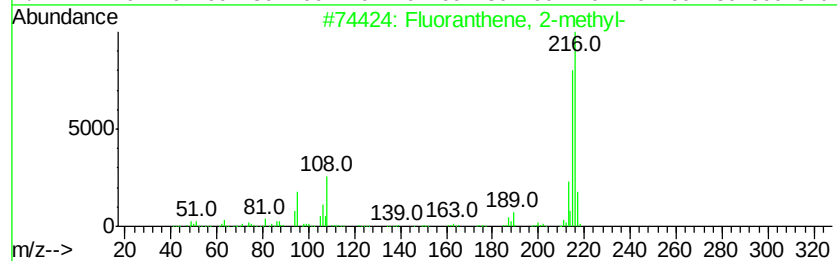
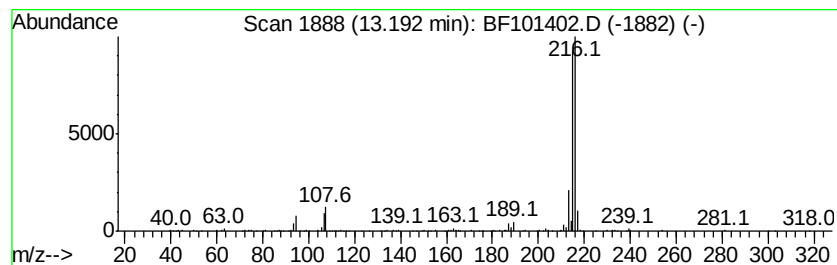
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.19	4.35 ng	472416	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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
Acq On : 14 Dec 2017 19:23
Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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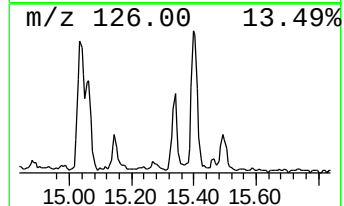
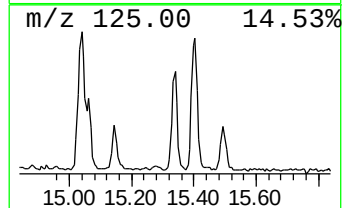
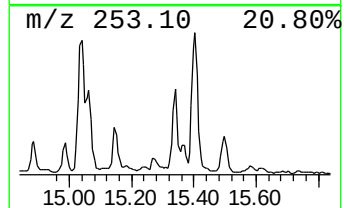
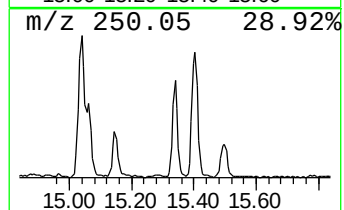
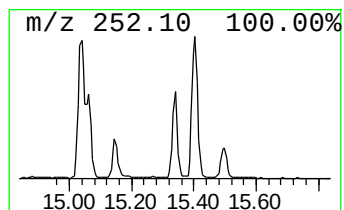
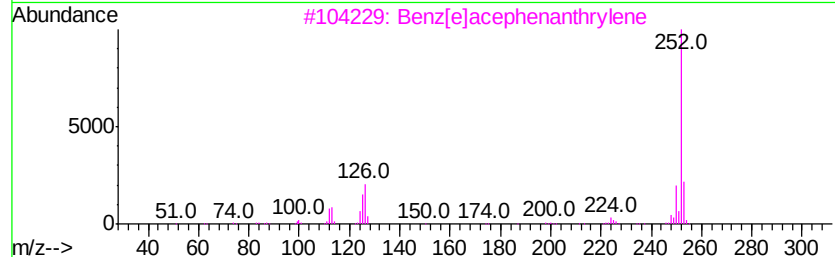
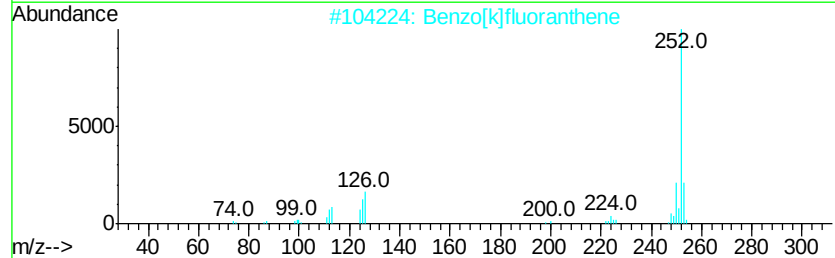
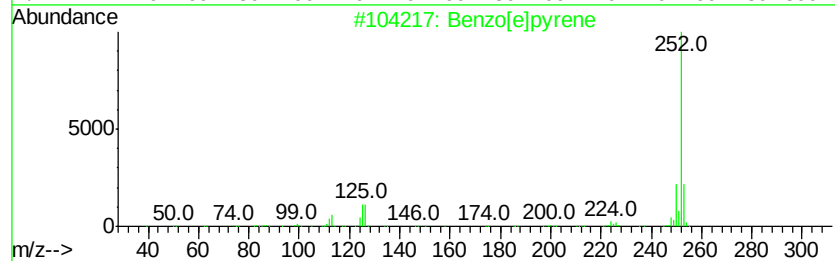
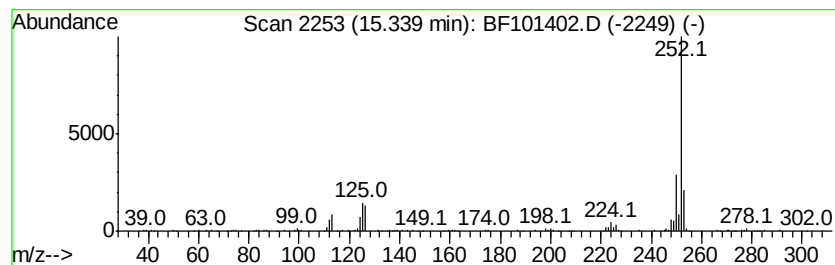
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.29 ng	266830	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
Acq On : 14 Dec 2017 19:23
Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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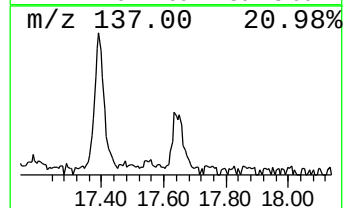
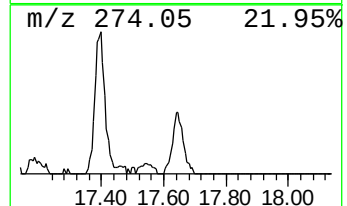
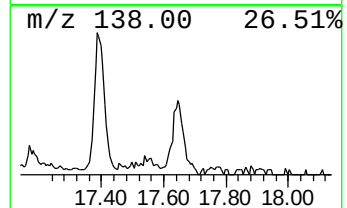
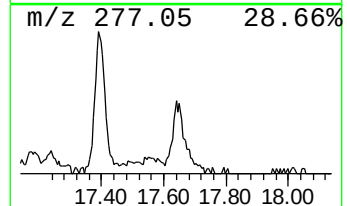
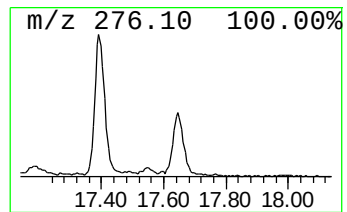
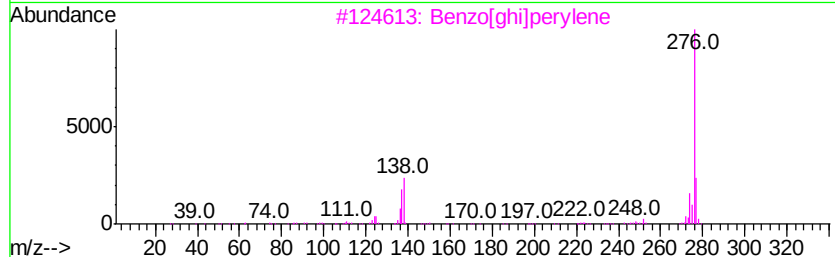
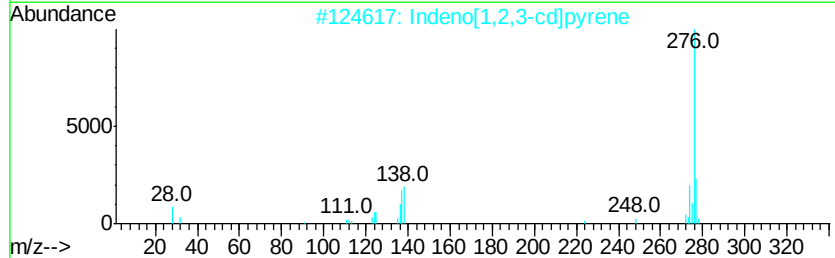
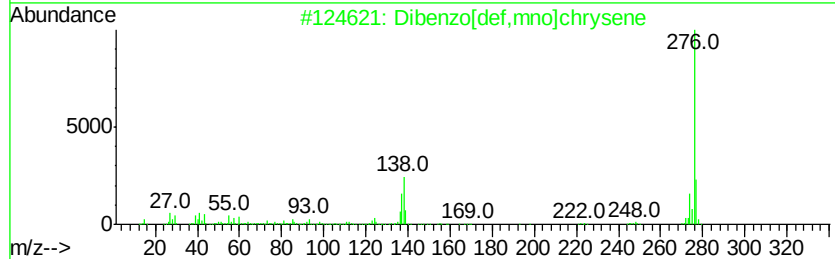
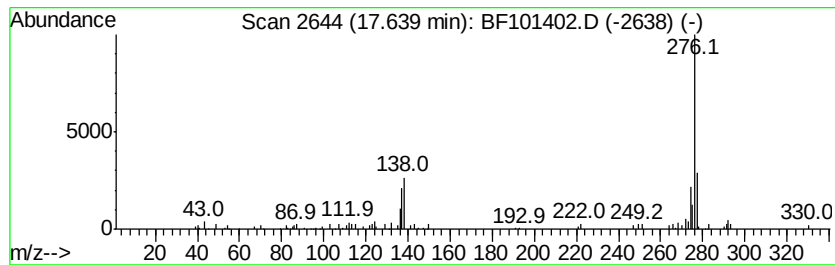
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	3.51 ng	148972	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5			7H-Furo[3,2-g][1]benzopyran-7-on...	276	C14H12O6	018646-72-5	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101402.D
 Acq On : 14 Dec 2017 19:23
 Operator : SJ/JU
 Sample : I6836-01 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 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
Benzene, 1,3-dime...	5.39	4.0	ng	211960	1	6.81	1059910	20.0
Indane	6.99	6.1	ng	324208	1	6.81	1059910	20.0
Naphthalene, 1-me...	8.91	10.1	ng	759737	2	8.10	1498750	20.0
Naphthalene, 1,6-...	9.44	5.1	ng	339072	3	9.85	1339190	20.0
Naphthalene, 2,3-...	9.51	5.1	ng	343671	3	9.85	1339190	20.0
Dibenzofuran, 4-m...	10.64	5.1	ng	411114	4	11.35	1617300	20.0
Naphtho[2,1-b]thi...	11.24	5.9	ng	479408	4	11.35	1617300	20.0
Phenanthrene, 2-m...	11.85	5.5	ng	449077	4	11.35	1617300	20.0
4H-Cyclopenta[def...	11.96	9.3	ng	751739	4	11.35	1617300	20.0
Phenanthrene, 2,5...	12.40	3.7	ng	301960	4	11.35	1617300	20.0
11H-Benzo[b]fluorene	13.12	3.9	ng	424773	5	13.99	2171830	20.0
Fluoranthene, 2-m...	13.19	4.3	ng	472416	5	13.99	2171830	20.0
Benzo[e]pyrene	15.34	6.3	ng	266830	6	15.46	848239	20.0
Dibenzo[def,mno]c...	17.64	3.5	ng	148972	6	15.46	848239	20.0