

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098699.D
 Acq On : 22 Sep 2017 14:52
 Operator : SJ/JU
 Sample : I5310-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-B

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-BF092117.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	5.534	580	586	590	rBV2	568459	631266	4.97%	0.329%
2	6.534	752	756	761	rVB2	691484	582654	4.59%	0.304%
3	6.687	779	782	786	rVB	596290	514784	4.05%	0.268%
4	6.751	790	793	797	rBV2	481992	431850	3.40%	0.225%
5	6.928	819	823	826	rBV	1245109	981362	7.73%	0.512%
6	7.110	851	854	857	rVB	838991	676573	5.33%	0.353%
7	7.951	993	997	1001	rVV2	622644	929931	7.32%	0.485%
8	7.992	1001	1004	1012	rVV	492587	741890	5.84%	0.387%
9	8.245	1038	1047	1050	rVV2	6934968	11211281	88.28%	5.846%
10	8.287	1051	1054	1059	rVB	750533	647077	5.10%	0.337%
11	8.934	1158	1164	1167	rVB	6531803	8160149	64.26%	4.255%
12	9.034	1174	1181	1183	rBV	5696704	6369210	50.15%	3.321%
13	9.281	1220	1223	1226	rBV	742900	541159	4.26%	0.282%
14	9.386	1238	1241	1244	rVB	1838716	1495922	11.78%	0.780%
15	9.481	1254	1257	1263	rVB	1557716	1796216	14.14%	0.937%
16	9.557	1263	1270	1273	rBV	2757491	3888067	30.62%	2.027%
17	9.628	1277	1282	1284	rBV	3598831	3901427	30.72%	2.034%
18	9.651	1284	1286	1289	rVB	2386079	1923283	15.14%	1.003%
19	9.686	1289	1292	1298	rVB3	562832	683366	5.38%	0.356%
20	9.739	1298	1301	1303	rBV	1832216	1631194	12.84%	0.851%
21	9.828	1313	1316	1319	rVV	2142624	1914392	15.07%	0.998%
22	9.945	1330	1336	1338	rVV	1390809	1337071	10.53%	0.697%
23	9.969	1338	1340	1342	rVV	1257968	1083143	8.53%	0.565%
24	10.004	1342	1346	1348	rVV	4729103	4338326	34.16%	2.262%
25	10.069	1354	1357	1361	rBV2	710675	875288	6.89%	0.456%
26	10.122	1361	1366	1368	rBV4	388233	601084	4.73%	0.313%
27	10.175	1370	1375	1377	rVV2	3448123	3653452	28.77%	1.905%
28	10.204	1377	1380	1384	rVB	1059558	870012	6.85%	0.454%
29	10.281	1389	1393	1395	rBV2	753769	815452	6.42%	0.425%
30	10.310	1395	1398	1400	rVV	648218	491034	3.87%	0.256%
31	10.369	1402	1408	1410	rVV3	457037	709108	5.58%	0.370%
32	10.522	1429	1434	1437	rVV	4963360	5311927	41.83%	2.770%
33	10.581	1442	1444	1445	rVV2	568171	451579	3.56%	0.235%
34	10.598	1445	1447	1450	rVV3	763332	798972	6.29%	0.417%

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35	10.669	1457	1459	1462	rVB	882162	712140	5.61%	0.371%
36	10.751	1467	1473	1477	rVV2	1079960	1579028	12.43%	0.823%
37	10.798	1477	1481	1487	rVV4	310734	508531	4.00%	0.265%
38	10.875	1489	1494	1500	rVV4	652315	988821	7.79%	0.516%
39	11.063	1520	1526	1528	rVV2	1146687	1624130	12.79%	0.847%
40	11.086	1528	1530	1533	rVV2	812871	758130	5.97%	0.395%
41	11.145	1537	1540	1543	rVV	630392	622955	4.91%	0.325%
42	11.186	1543	1547	1549	rVV3	304736	483967	3.81%	0.252%
43	11.210	1549	1551	1555	rVV2	417640	477118	3.76%	0.249%
44	11.310	1563	1568	1570	rVV3	358773	588282	4.63%	0.307%
45	11.351	1571	1575	1580	rVB	2339361	2174114	17.12%	1.134%
46	11.498	1589	1600	1603	rBV	6298794	12699166	100.00%	6.622%
47	11.539	1603	1607	1610	rVV	4437728	4540779	35.76%	2.368%
48	11.680	1628	1631	1637	rVV	1905628	1957042	15.41%	1.020%
49	11.745	1637	1642	1645	rVV2	475812	654766	5.16%	0.341%
50	11.786	1646	1649	1654	rVV2	948204	914041	7.20%	0.477%
51	11.839	1654	1658	1660	rVV	1718571	1429984	11.26%	0.746%
52	11.869	1660	1663	1666	rVB	625471	669312	5.27%	0.349%
53	11.957	1674	1678	1680	rVV	2294163	2161698	17.02%	1.127%
54	11.986	1680	1683	1686	rVB	2654684	2291396	18.04%	1.195%
55	12.033	1686	1691	1694	rBV	1011875	892628	7.03%	0.465%
56	12.075	1694	1698	1700	rBV2	3104490	3757486	29.59%	1.959%
57	12.251	1724	1728	1730	rVV	1394440	1229714	9.68%	0.641%
58	12.280	1730	1733	1738	rVB2	312042	430173	3.39%	0.224%
59	12.504	1767	1771	1773	rBV	985155	1129963	8.90%	0.589%
60	12.527	1773	1775	1777	rVV	3346481	3290340	25.91%	1.716%
61	12.551	1777	1779	1784	rVV3	3481678	3232898	25.46%	1.686%
62	12.604	1784	1788	1790	rVV3	294810	425065	3.35%	0.222%
63	12.633	1790	1793	1795	rVB2	738215	641204	5.05%	0.334%
64	12.686	1795	1802	1804	rBV	5832746	8576245	67.53%	4.472%
65	12.822	1822	1825	1829	rVB	607364	583472	4.59%	0.304%
66	12.916	1834	1841	1844	rBV2	5593705	9694700	76.34%	5.055%
67	12.945	1844	1846	1850	rVB2	521746	551349	4.34%	0.287%
68	13.116	1870	1875	1878	rBV2	703929	1155553	9.10%	0.603%
69	13.198	1886	1889	1890	rVV2	611186	667596	5.26%	0.348%
70	13.227	1891	1894	1897	rVB	2051796	1885380	14.85%	0.983%
71	13.292	1897	1905	1908	rBV	2003553	2180676	17.17%	1.137%

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72	13.327	1908	1911	1914	rVV2	987661	1051869	8.28%	0.548%
73	13.421	1924	1927	1929	rBV	714964	578656	4.56%	0.302%
74	13.451	1929	1932	1935	rVV	768667	671461	5.29%	0.350%
75	13.845	1994	1999	2001	rBV	1063859	1119950	8.82%	0.584%
76	13.874	2001	2004	2006	rVV	799659	723614	5.70%	0.377%
77	13.898	2006	2008	2011	rVB2	612864	590697	4.65%	0.308%
78	14.010	2025	2027	2034	rVB	365466	456503	3.59%	0.238%
79	14.092	2035	2041	2044	rVV3	4143982	6228439	49.05%	3.248%
80	14.133	2044	2048	2053	rVV	3550168	4217477	33.21%	2.199%
81	14.204	2058	2060	2063	rVV	1336691	1176071	9.26%	0.613%
82	14.239	2063	2066	2070	rVV3	334084	559232	4.40%	0.292%
83	14.316	2075	2079	2082	rVV2	573376	703961	5.54%	0.367%
84	14.480	2102	2107	2110	rVV2	1103832	1472953	11.60%	0.768%
85	14.510	2110	2112	2115	rVV	496549	443647	3.49%	0.231%
86	14.574	2116	2123	2126	rVV2	594382	961565	7.57%	0.501%
87	14.604	2126	2128	2130	rVV	593467	532848	4.20%	0.278%
88	14.627	2130	2132	2136	rVB	873706	701174	5.52%	0.366%
89	14.674	2136	2140	2146	rVB3	359363	600877	4.73%	0.313%
90	15.163	2216	2223	2225	rBV	2495453	4472572	35.22%	2.332%
91	15.186	2225	2227	2229	rVV	1810399	1586216	12.49%	0.827%
92	15.263	2236	2240	2244	rVB	740911	772551	6.08%	0.403%
93	15.468	2270	2275	2281	rVB	1748419	2439909	19.21%	1.272%
94	15.539	2281	2287	2291	rBV	2454108	3627414	28.56%	1.891%
95	15.592	2292	2296	2299	rVV2	709359	1033326	8.14%	0.539%
96	15.627	2299	2302	2308	rVB2	869874	1124176	8.85%	0.586%
97	16.168	2390	2394	2404	rVB2	284740	473674	3.73%	0.247%
98	17.115	2547	2555	2562	rVB2	939571	1947838	15.34%	1.016%
99	17.574	2624	2633	2642	rBV	712364	1694030	13.34%	0.883%
100	17.809	2667	2673	2686	rVB	268625	672894	5.30%	0.351%

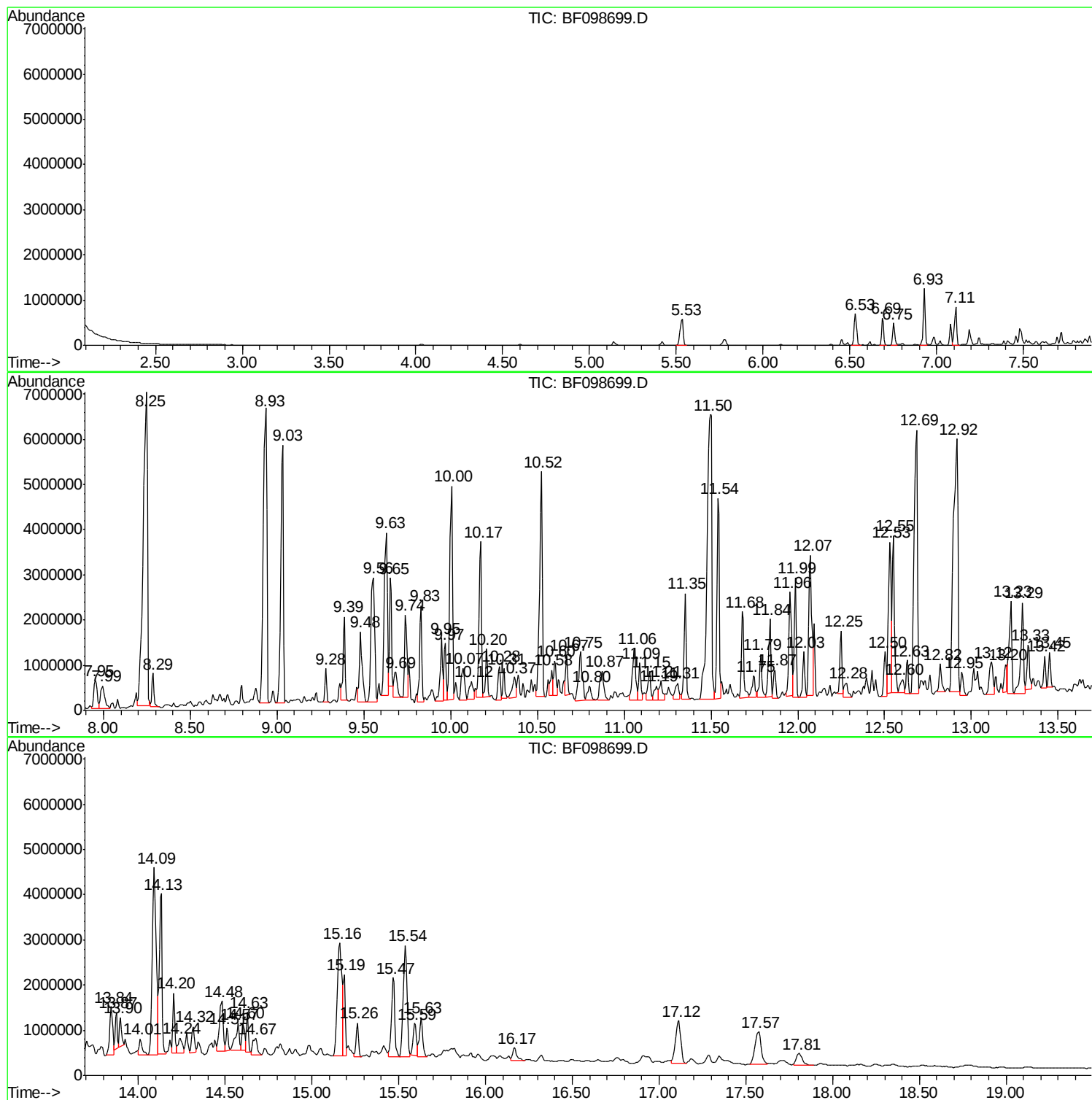
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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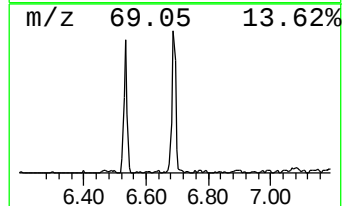
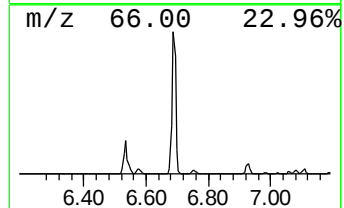
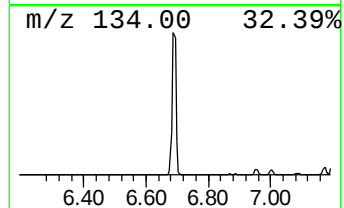
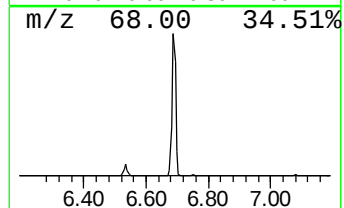
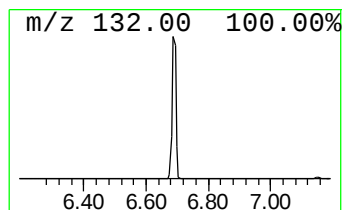
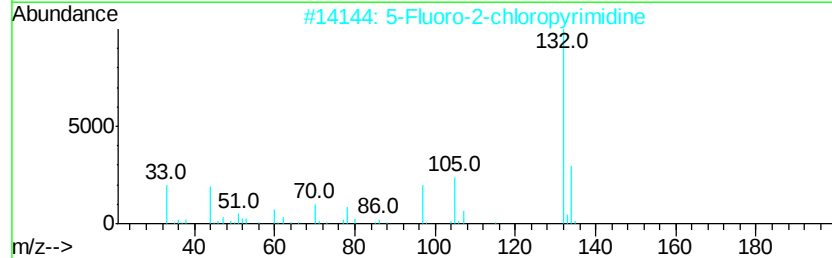
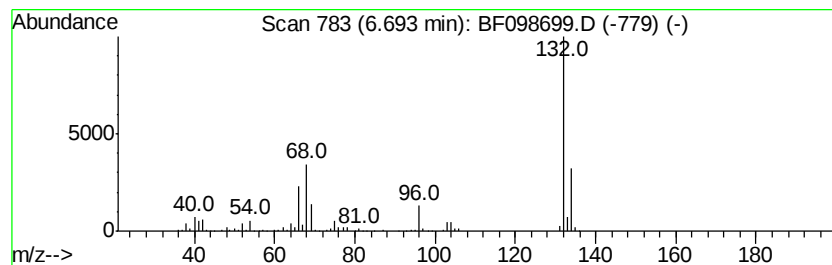
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.69 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	10.49 ng	514784	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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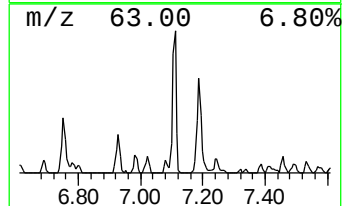
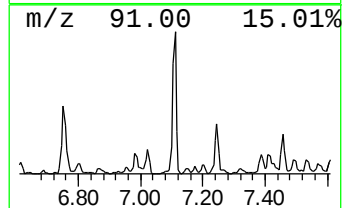
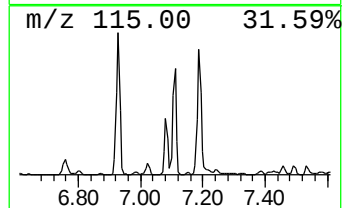
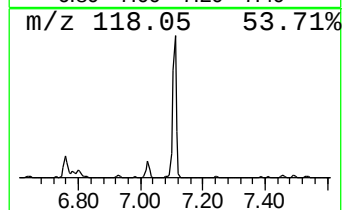
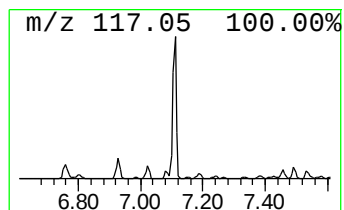
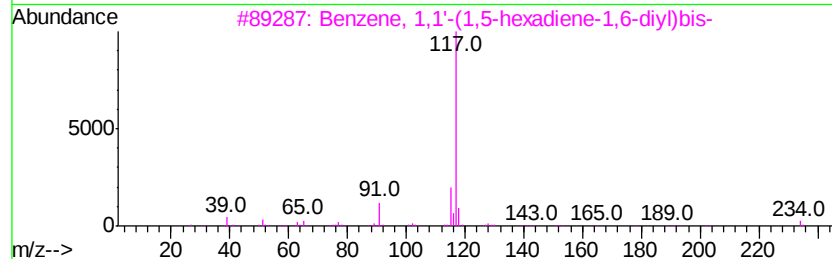
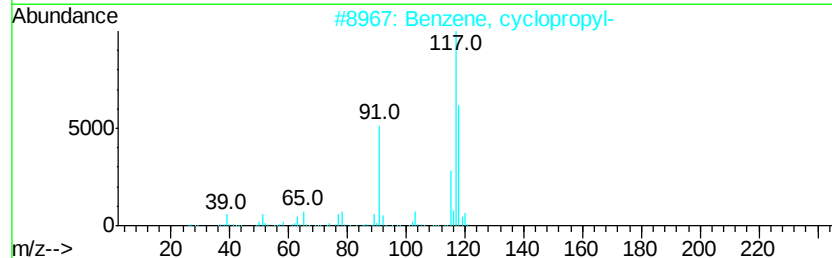
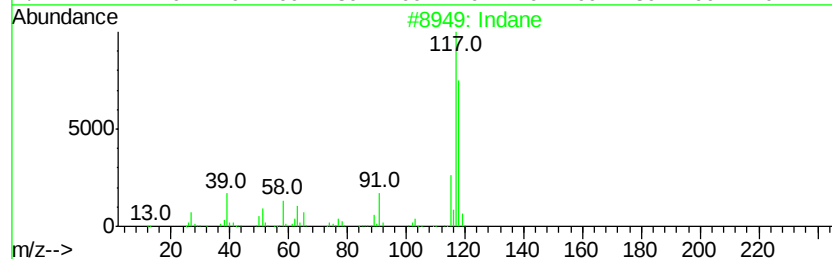
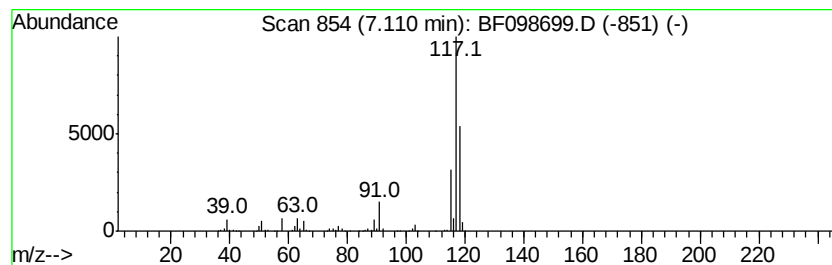
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Peak Number 2 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	13.79 ng	676573	1,4-Dichlorobenzene-d4	6.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	83
3	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	59
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	53
5	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	53



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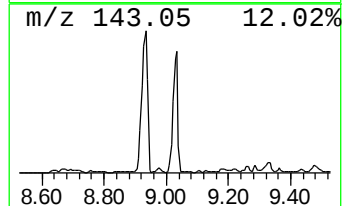
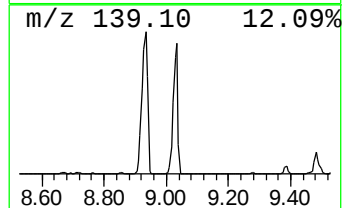
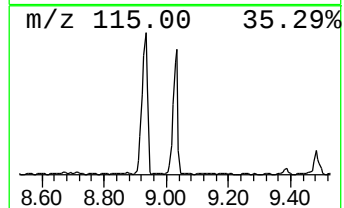
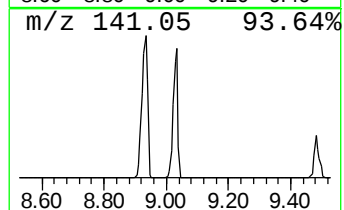
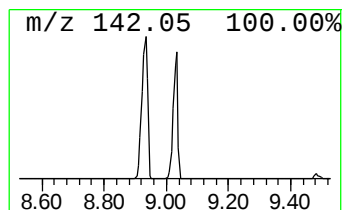
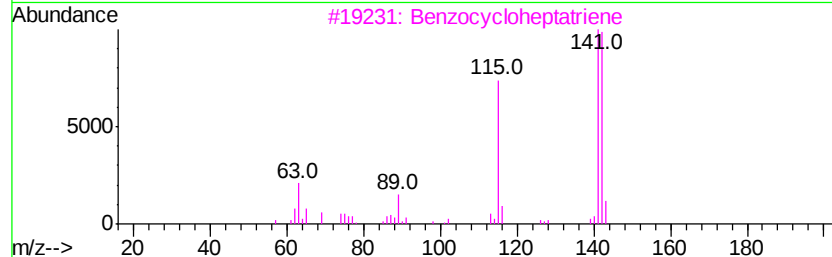
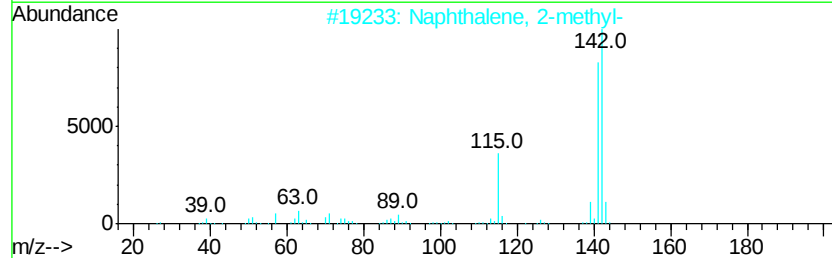
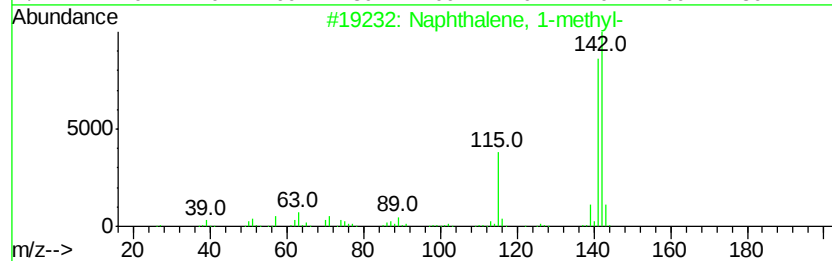
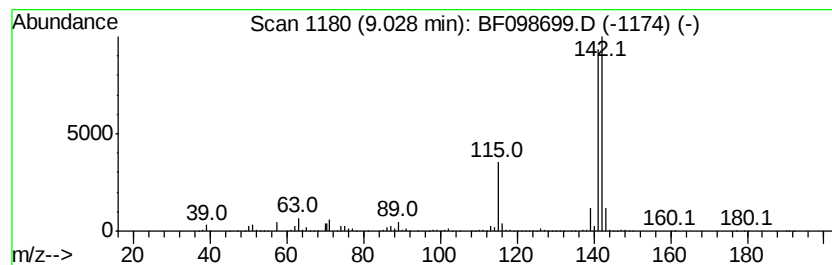
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	11.36 ng	6369210	Naphthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
NB-01-091917-B

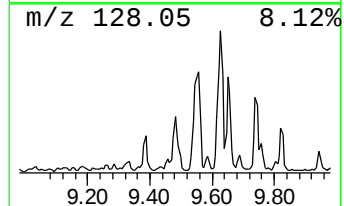
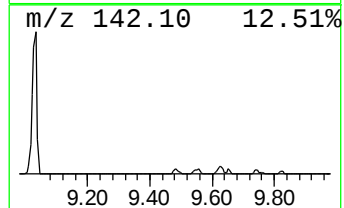
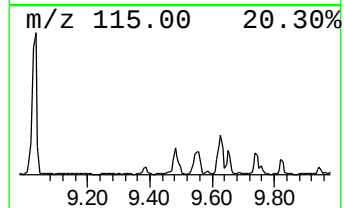
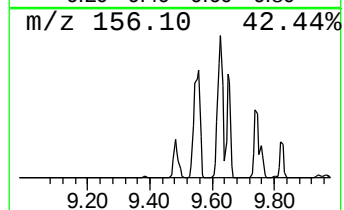
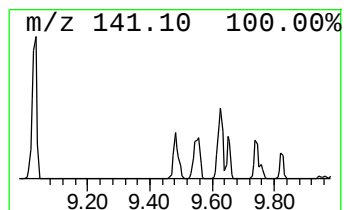
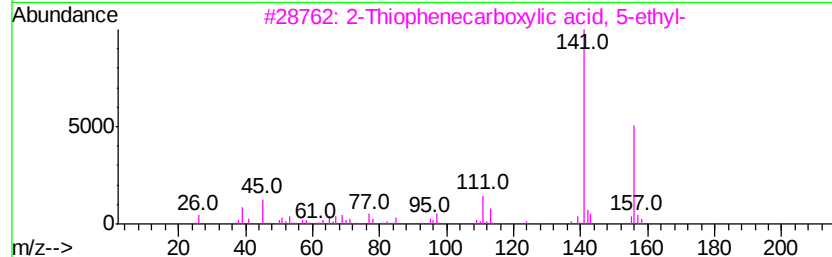
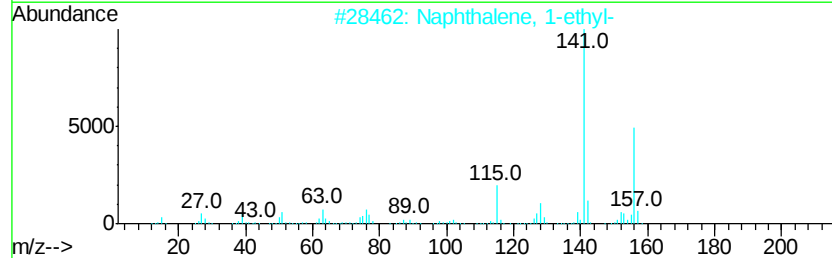
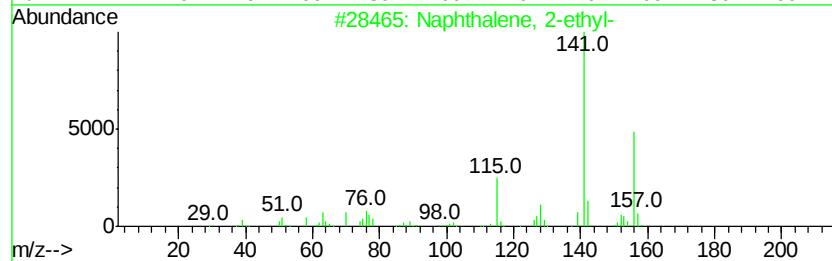
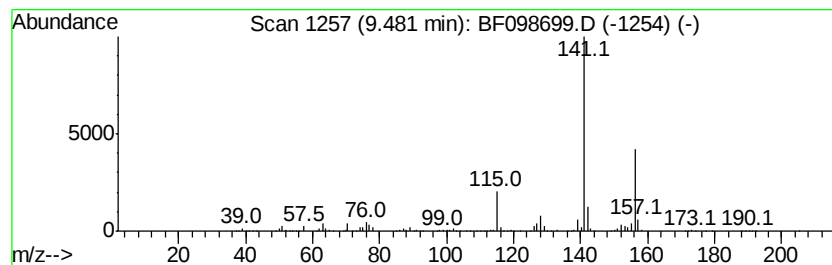
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	33.17 ng	1796220	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-01-091917-B

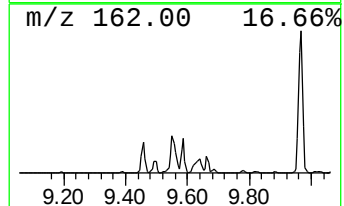
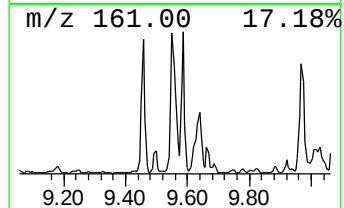
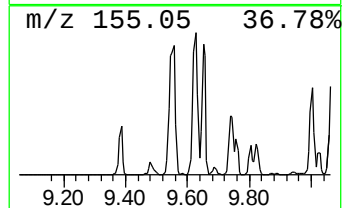
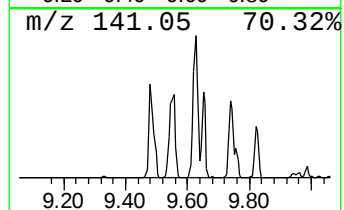
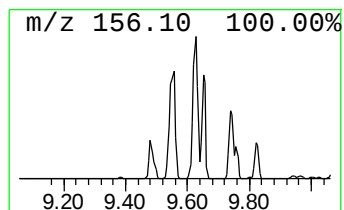
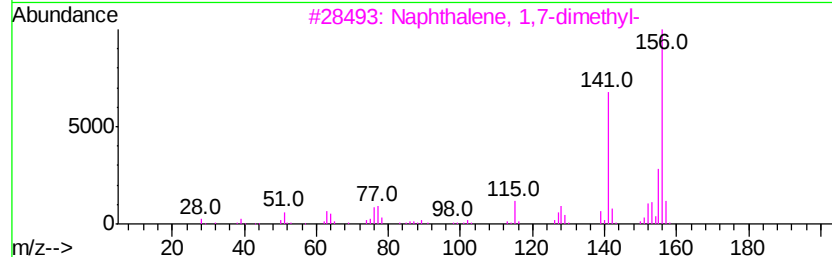
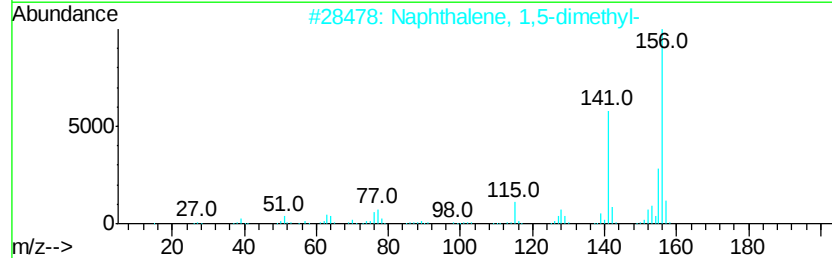
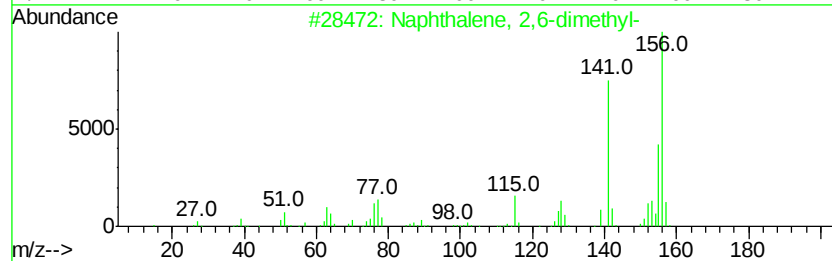
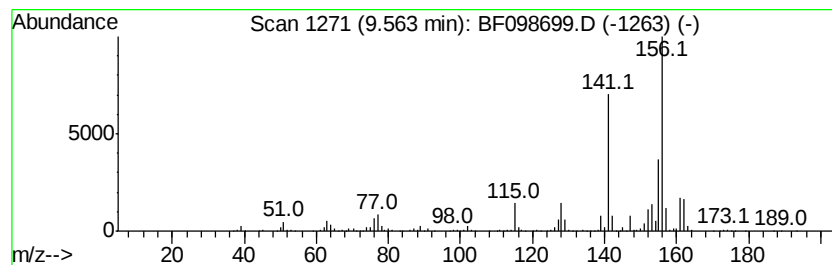
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	71.79 ng	3888070	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-01-091917-B

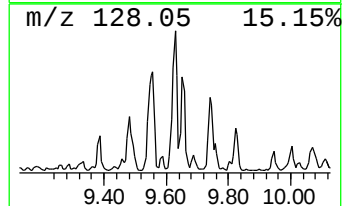
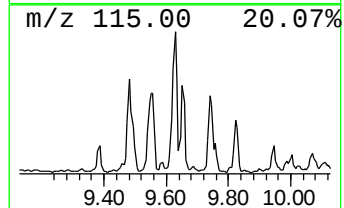
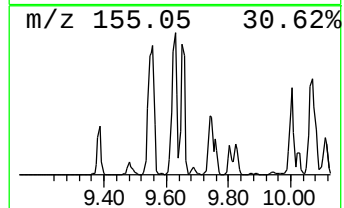
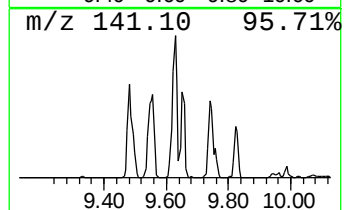
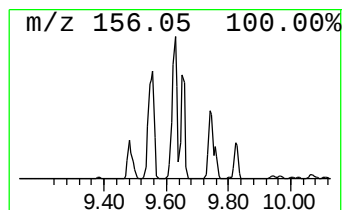
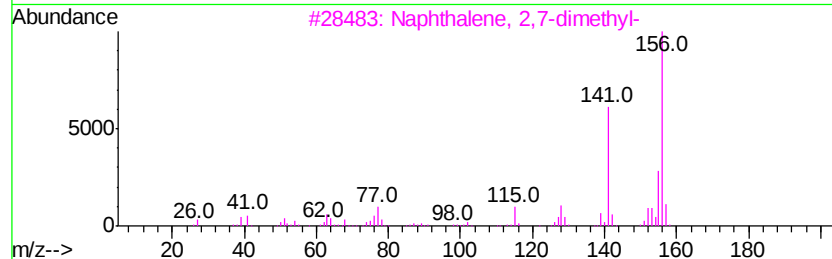
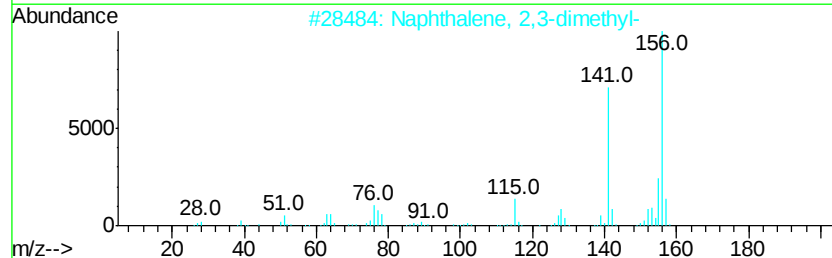
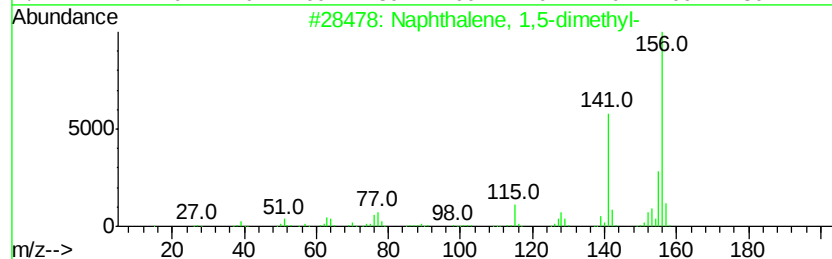
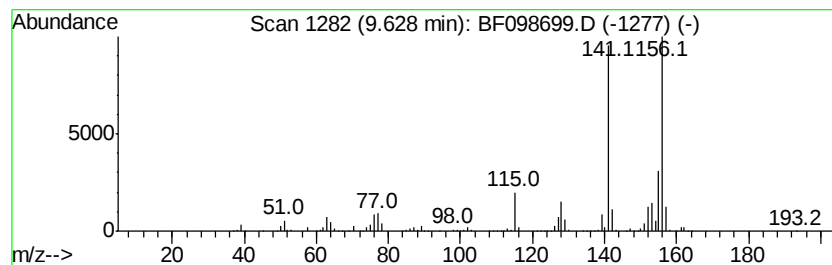
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	72.04 ng	3901430	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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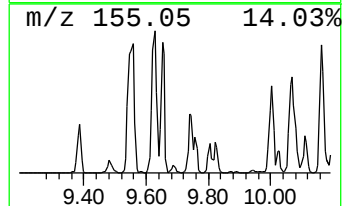
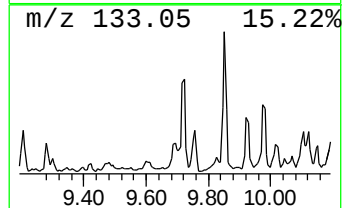
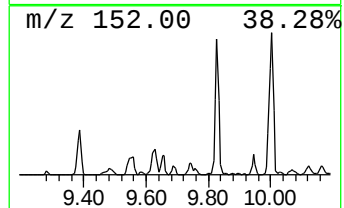
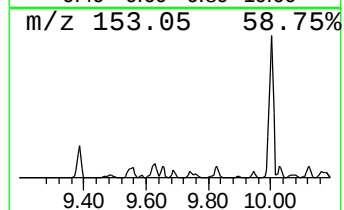
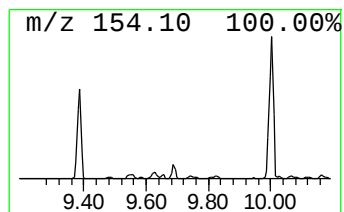
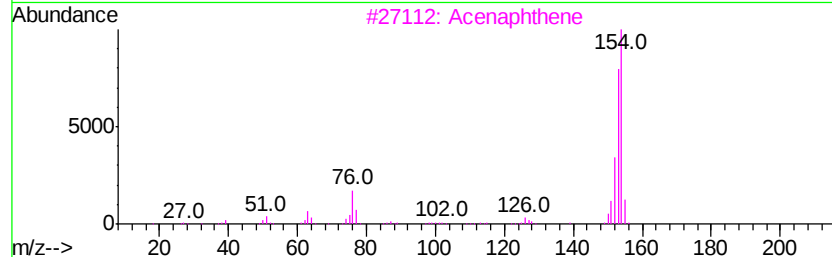
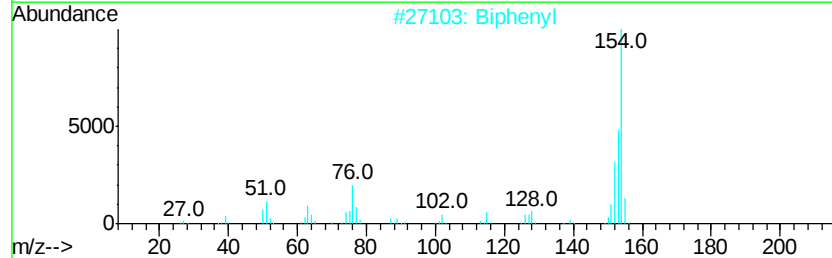
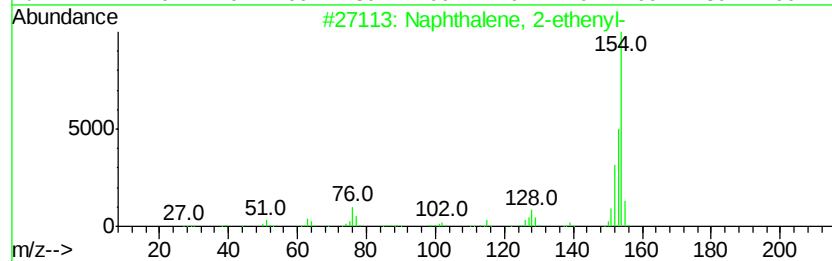
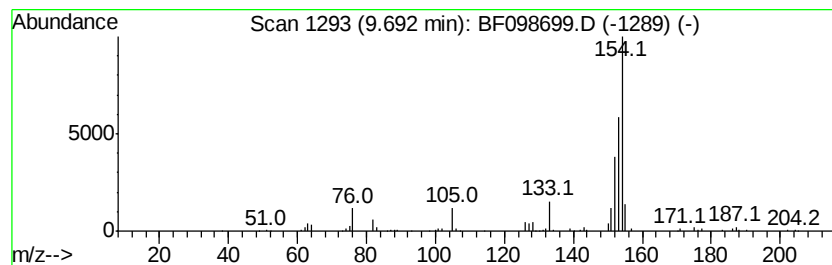
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	12.62 ng	683366	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
2		Biphenyl	154	C12H10	000092-52-4	89
3		Acenaphthene	154	C12H10	000083-32-9	49
4		1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	45
5		3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-01-091917-B

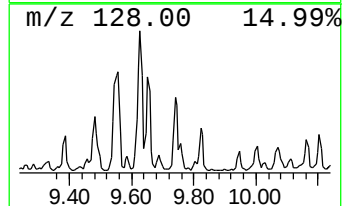
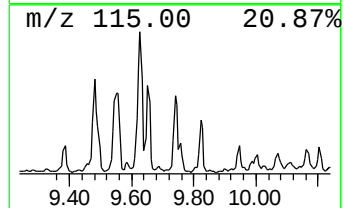
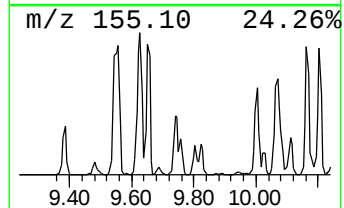
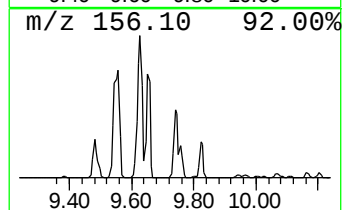
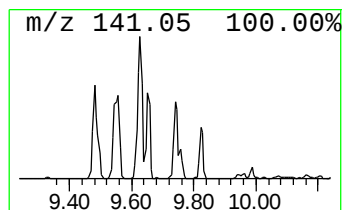
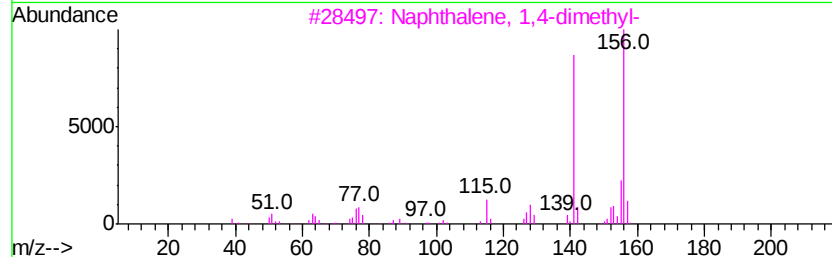
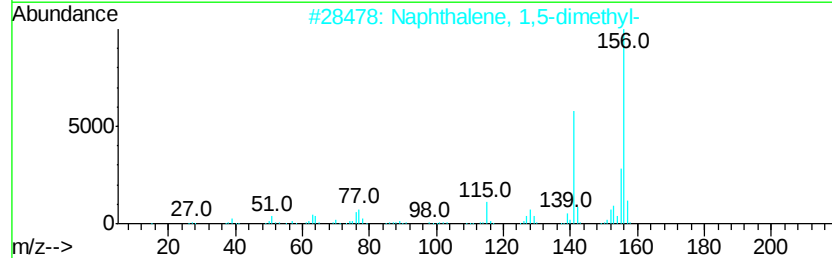
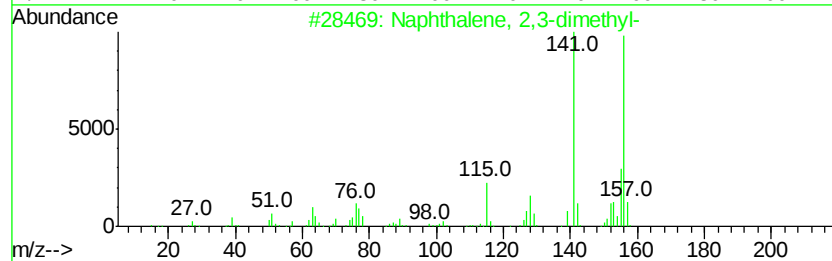
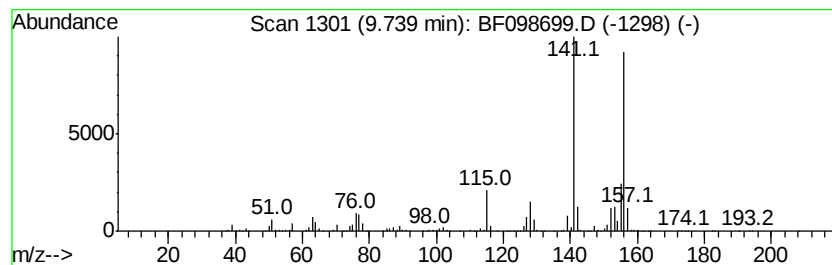
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	30.12 ng	1631190	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
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Misc :
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ClientSampleId :
NB-01-091917-B

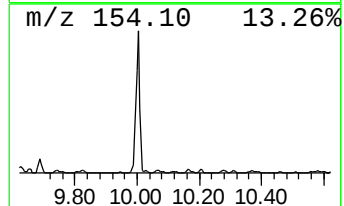
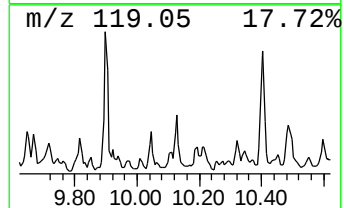
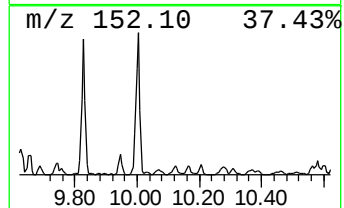
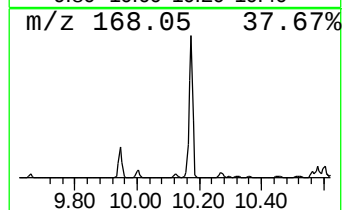
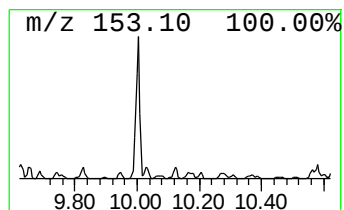
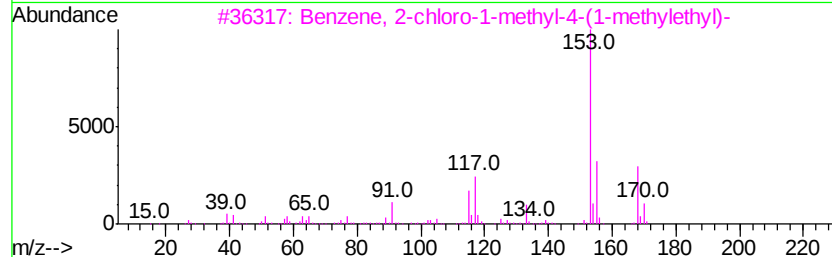
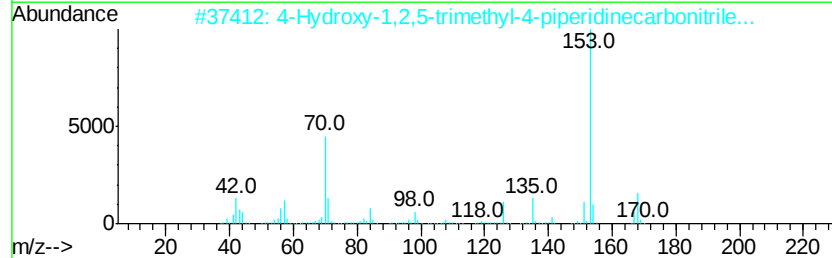
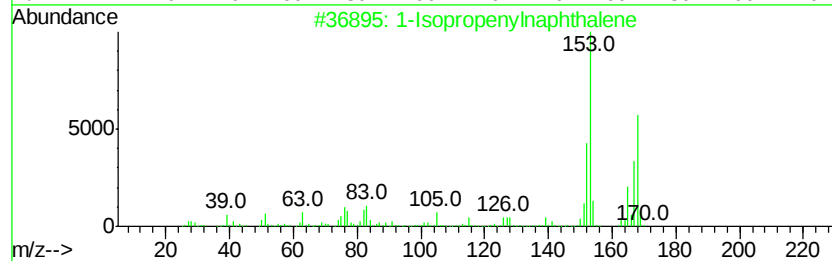
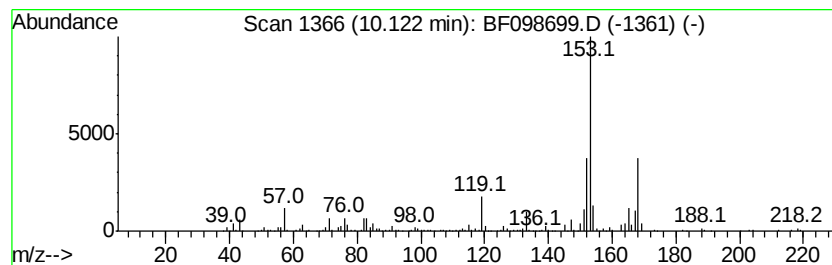
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	11.10 ng	601084	Acenaphthene-d10	9.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
2			4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	53
3			Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	50
4			1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	49
5			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
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ALS Vial : 16 Sample Multiplier: 1

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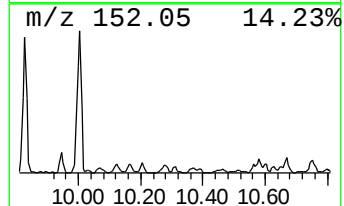
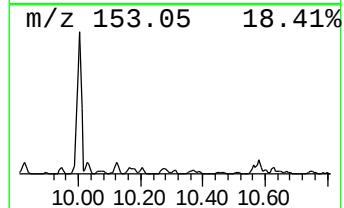
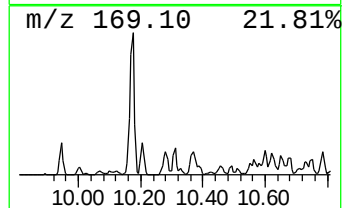
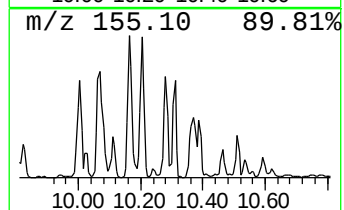
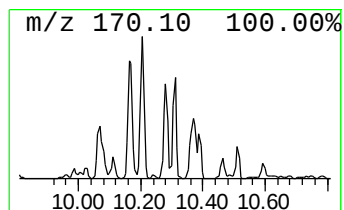
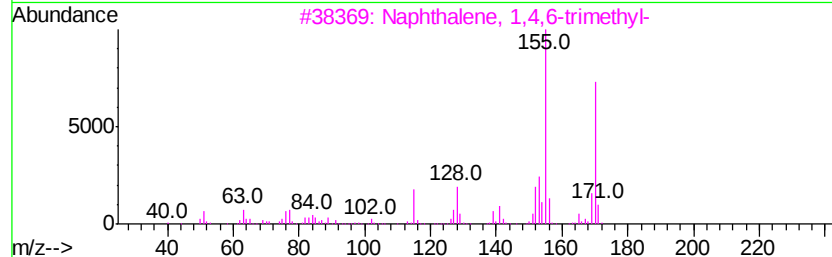
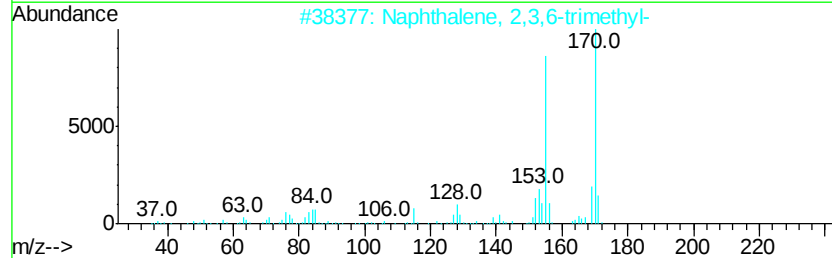
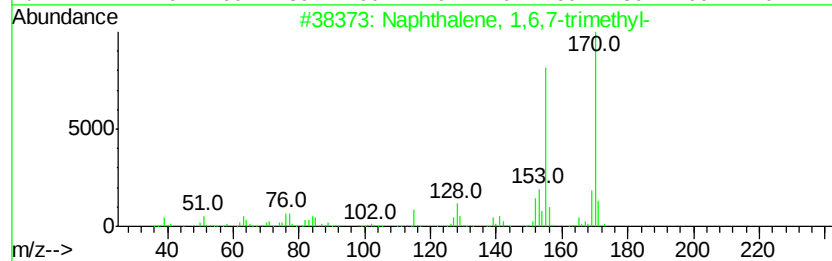
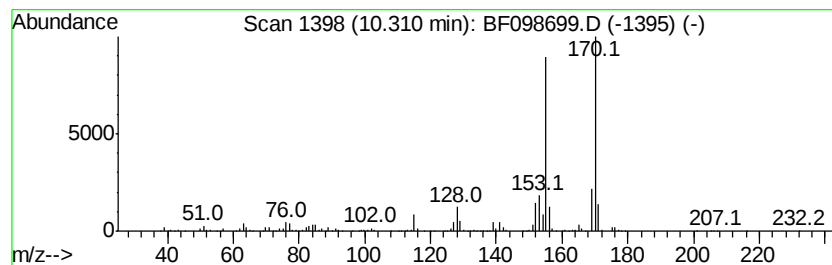
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	9.07 ng	491034	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-B

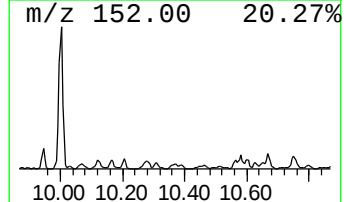
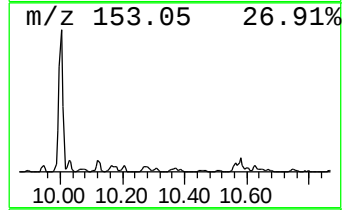
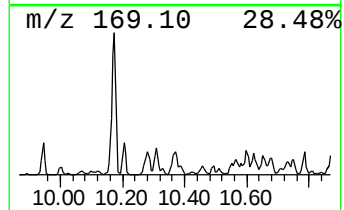
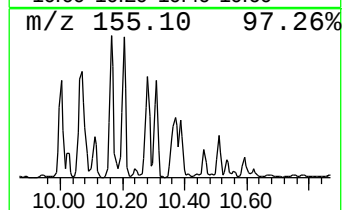
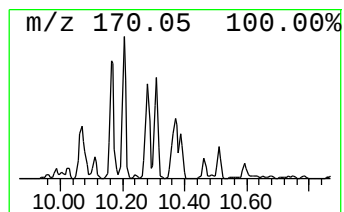
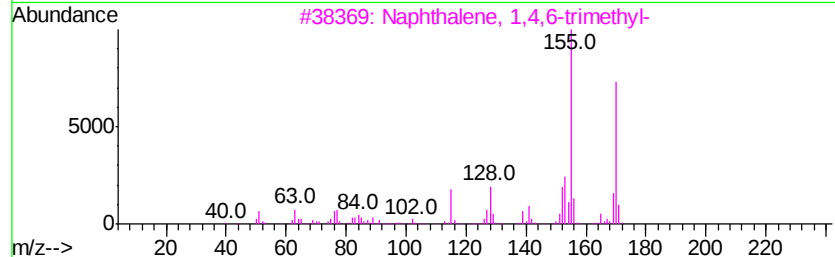
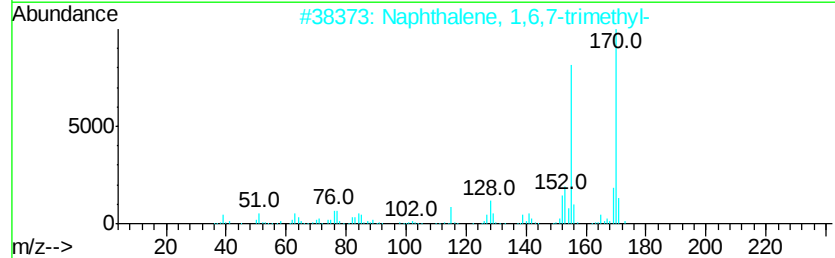
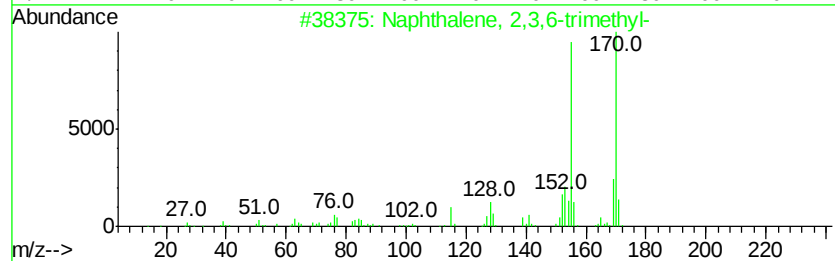
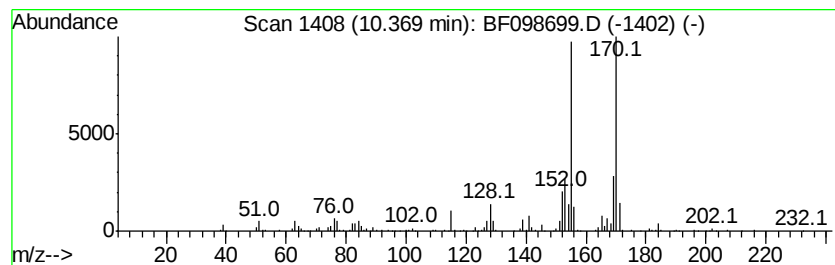
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	13.09 ng	709108	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-B

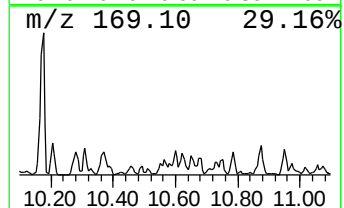
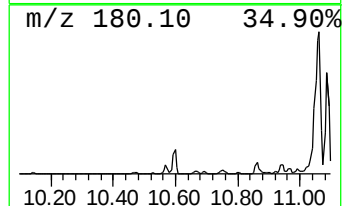
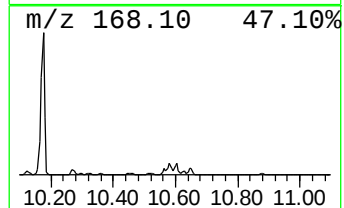
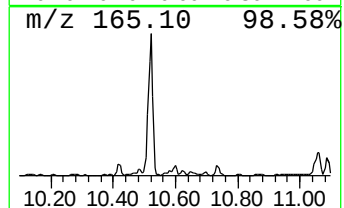
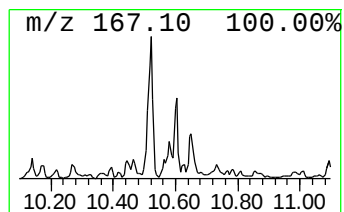
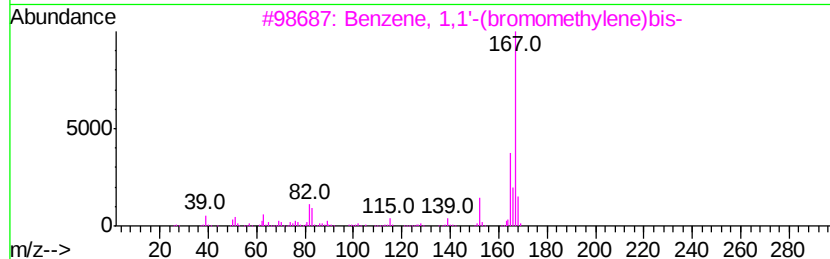
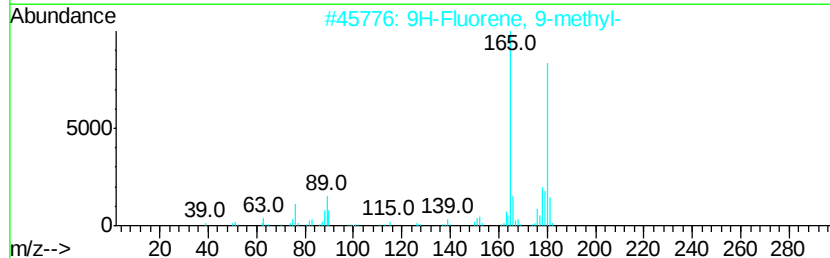
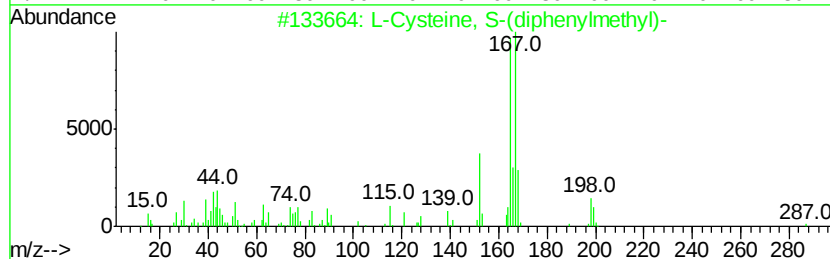
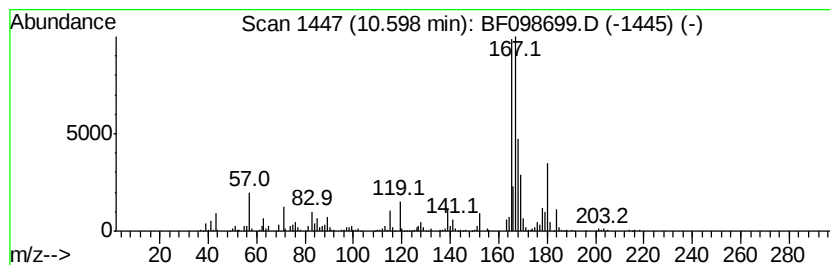
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	14.75 ng	798972	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	L-Cysteine, S-(diphenylmethyl)-	287	C16H17NO2S	005191-80-0	40
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
3		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	38
4		Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	32
5		Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

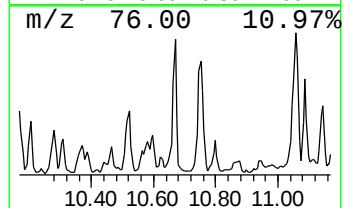
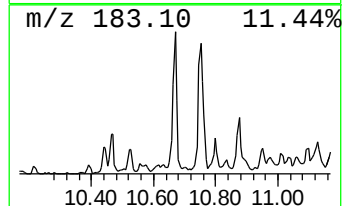
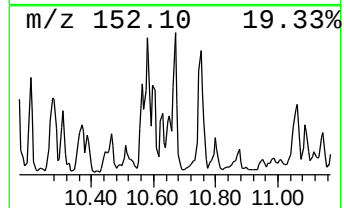
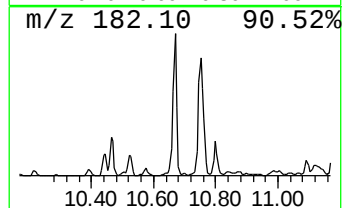
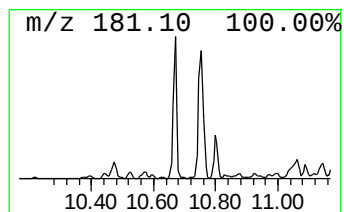
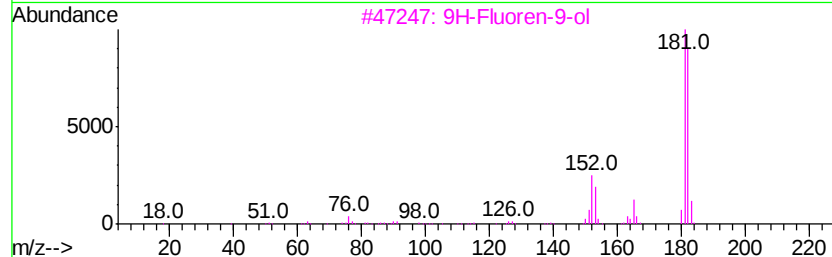
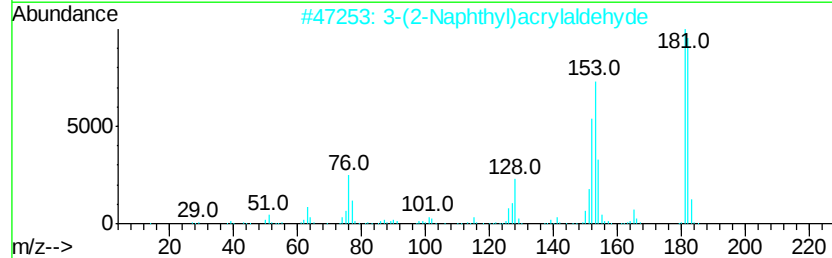
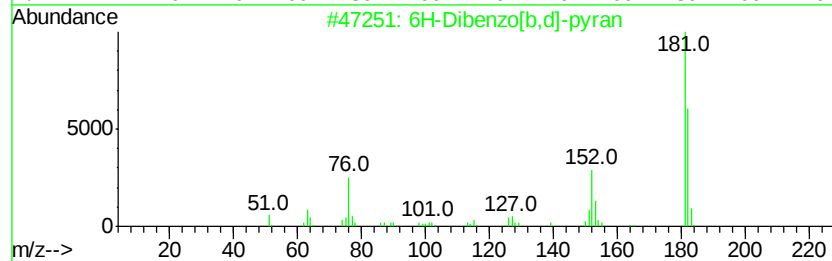
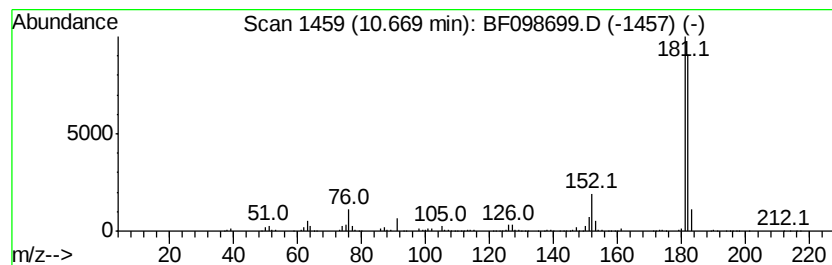
Instrument :
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ClientSampleId :
NB-01-091917-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6H-Dibenzo[b,d]-pyran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	13.15 ng	712140	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		6H-Dibenzo[b,d]-pyran	182 C13H10O	000229-95-8 91
2		3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3 80
3		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 78
4		Pyridine, 4,4'-(1,2-ethenedivl)bis-	182 C12H10N2	001135-32-6 72
5		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-B

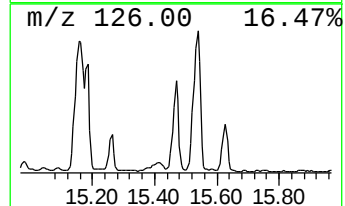
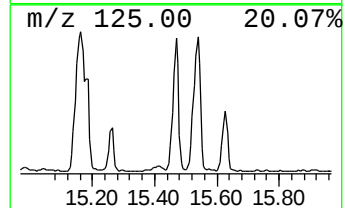
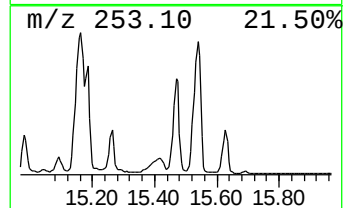
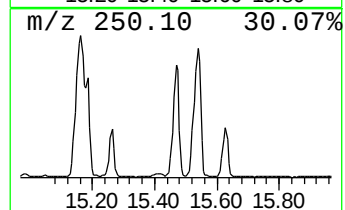
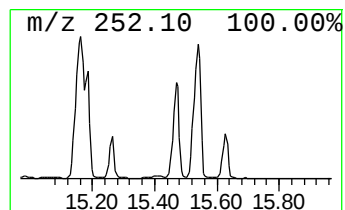
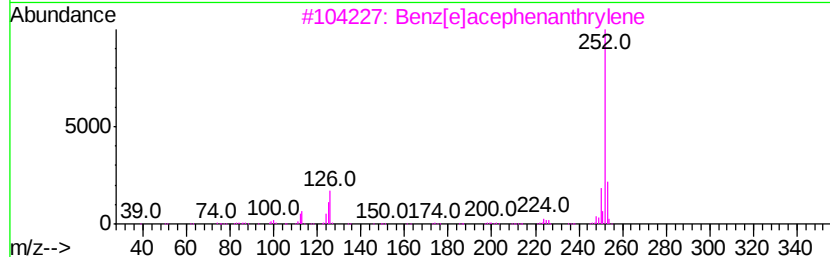
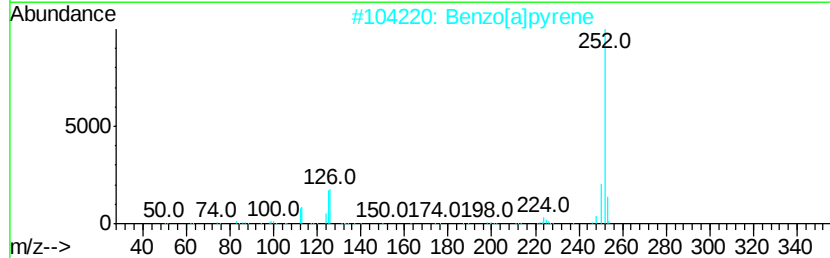
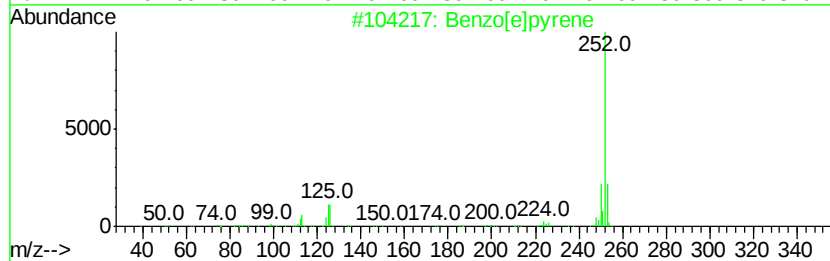
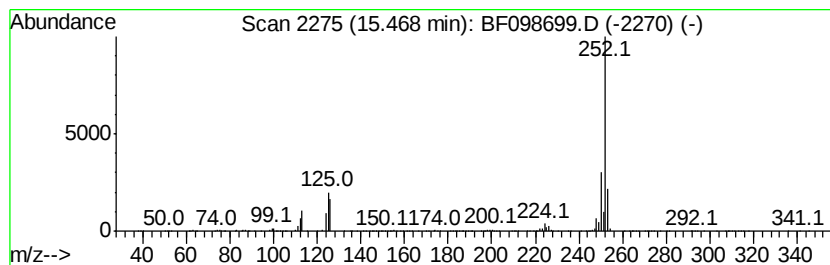
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	47.22 ng	2439910	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	91
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098699.D
Acq On : 22 Sep 2017 14:52
Operator : SJ/JU
Sample : I5310-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-01-091917-B

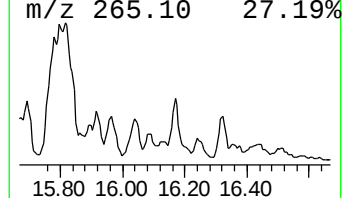
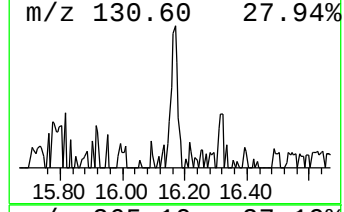
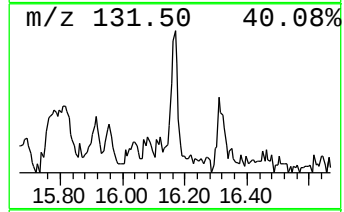
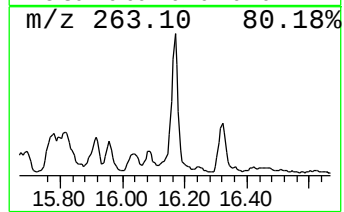
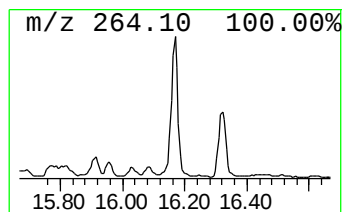
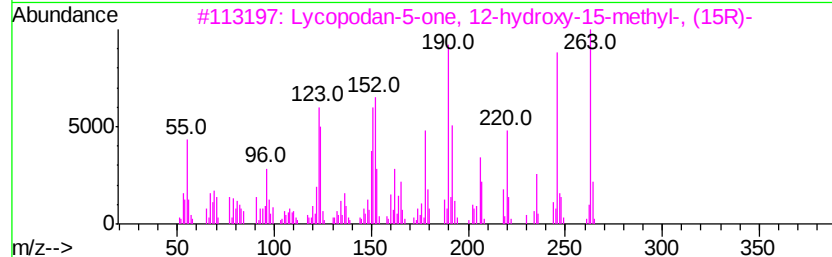
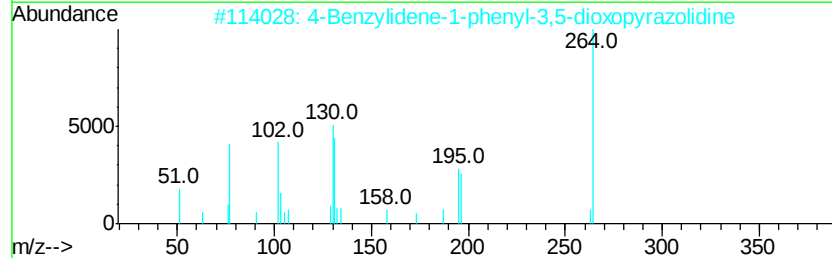
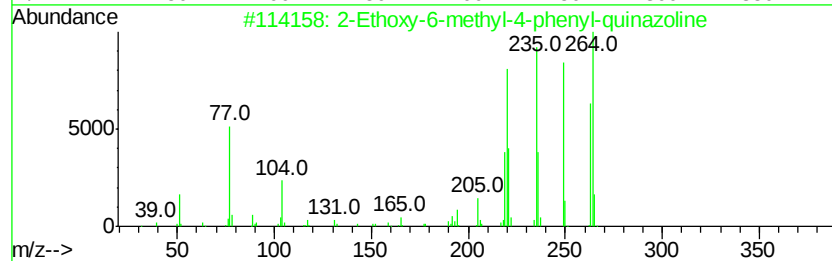
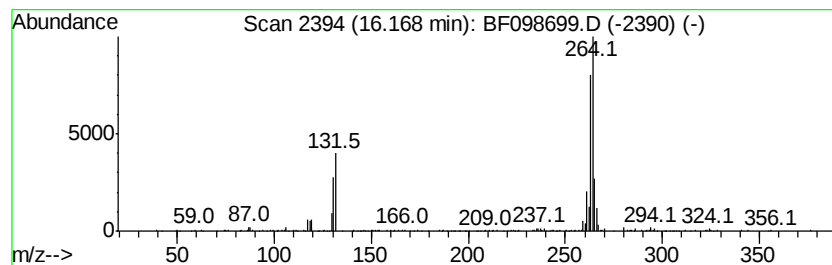
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	9.17 ng	473674	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	35
2		4-Benzylidene-1-phenyl-3,5-dioxo...	264	C16H12N2O2	015083-26-8	32
3		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25N02	006900-92-1	25
4		Acetamide, N-(2,5-dimethoxypheny...	263	C10H11Cl2N03	1000307-30-2	22
5		Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
 Data File : BF098699.D
 Acq On : 22 Sep 2017 14:52
 Operator : SJ/JU
 Sample : I5310-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 NB-01-091917-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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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Indane	7.11	13.8	ng	676573	1	6.93	981362	20.0
Naphthalene, 1-me...	9.03	11.4	ng	6369210	2	8.22	11211300	20.0
Naphthalene, 2-et...	9.48	33.2	ng	1796220	3	9.97	1083140	20.0
Naphthalene, 2,6-...	9.56	71.8	ng	3888070	3	9.97	1083140	20.0
Naphthalene, 1,5-...	9.63	72.0	ng	3901430	3	9.97	1083140	20.0
Naphthalene, 2-et...	9.69	12.6	ng	683366	3	9.97	1083140	20.0
Naphthalene, 2,3-...	9.74	30.1	ng	1631190	3	9.97	1083140	20.0
1-Isopropenyl naph...	10.12	11.1	ng	601084	3	9.97	1083140	20.0
Naphthalene, 1,6,...	10.31	9.1	ng	491034	3	9.97	1083140	20.0
Naphthalene, 2,3,...	10.37	13.1	ng	709108	3	9.97	1083140	20.0
unknown10.60	10.60	14.8	ng	798972	3	9.97	1083140	20.0
6H-Dibenzo[b,d]-p...	10.67	13.2	ng	712140	3	9.97	1083140	20.0
Benzo[e]pyrene	15.47	47.2	ng	2439910	6	15.60	1033330	20.0
unknown16.17	16.17	9.2	ng	473674	6	15.60	1033330	20.0