

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
 Data File : BF101115.D
 Acq On : 5 Dec 2017 11:06
 Operator : SJ/JU
 Sample : I6696-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-TP-BANK-1

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-BF113017.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	5.334	548	552	556	rBV	224600	210029	2.44%	0.208%
2	5.475	571	576	579	rVB	1212440	1125226	13.05%	1.112%
3	6.486	743	748	753	rVV	1113897	1168951	13.56%	1.155%
4	6.622	766	771	774	rBV	1355236	1218100	14.13%	1.204%
5	6.669	776	779	784	rVB	356946	347728	4.03%	0.344%
6	6.845	806	809	812	rBV	399019	341263	3.96%	0.337%
7	7.004	831	836	838	rBV	1029673	962177	11.16%	0.951%
8	7.028	838	840	843	rVB	999584	727533	8.44%	0.719%
9	7.163	858	863	866	rBV	380141	307372	3.57%	0.304%
10	7.381	894	900	902	rBV	243982	231678	2.69%	0.229%
11	7.416	902	906	908	rVV	835321	787923	9.14%	0.779%
12	7.798	969	971	976	rVB	281195	222049	2.58%	0.219%
13	7.875	980	984	987	rBV3	264855	377716	4.38%	0.373%
14	7.910	987	990	995	rVB	309607	414892	4.81%	0.410%
15	8.175	1021	1035	1038	rBV	4238078	7851235	91.08%	7.758%
16	8.486	1083	1088	1091	rVV	165979	203624	2.36%	0.201%
17	8.857	1144	1151	1154	rVB	3029992	3403216	39.48%	3.363%
18	8.957	1161	1168	1171	rBV	2741008	2933914	34.04%	2.899%
19	9.204	1205	1210	1213	rBV	1458821	1367321	15.86%	1.351%
20	9.310	1221	1228	1231	rBV	1497030	1254412	14.55%	1.239%
21	9.410	1237	1245	1249	rVB	1874857	1932467	22.42%	1.909%
22	9.475	1249	1256	1259	rBV2	760083	1071786	12.43%	1.059%
23	9.551	1264	1269	1271	rVV	1284760	1403346	16.28%	1.387%
24	9.574	1271	1273	1276	rVV	850495	643716	7.47%	0.636%
25	9.604	1276	1278	1283	rVB2	251381	258325	3.00%	0.255%
26	9.663	1284	1288	1296	rVB	704391	757937	8.79%	0.749%
27	9.751	1300	1303	1306	rVB2	847642	751593	8.72%	0.743%
28	9.874	1317	1324	1329	rBV2	575087	1025453	11.90%	1.013%
29	9.939	1329	1335	1338	rVB	3522759	4653256	53.98%	4.598%
30	9.986	1340	1343	1348	rVB	312462	347594	4.03%	0.343%
31	10.086	1357	1360	1364	rVV2	453938	526842	6.11%	0.521%
32	10.127	1364	1367	1371	rVV	337031	278274	3.23%	0.275%
33	10.198	1375	1379	1382	rBV2	461646	521847	6.05%	0.516%
34	10.233	1382	1385	1386	rVV2	218735	208621	2.42%	0.206%

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35	10.292	1390	1395	1397	rBV3	211951	310981	3.61%	0.307%
36	10.345	1401	1404	1406	rVV	710979	575430	6.68%	0.569%
37	10.410	1413	1415	1417	rVV	498380	401474	4.66%	0.397%
38	10.445	1417	1421	1425	rVV	2066295	2378945	27.60%	2.351%
39	10.492	1425	1429	1430	rVV4	181365	212776	2.47%	0.210%
40	10.521	1432	1434	1436	rVV2	252224	246318	2.86%	0.243%
41	10.551	1436	1439	1441	rVV	564245	555576	6.45%	0.549%
42	10.592	1441	1446	1448	rVV2	178838	350828	4.07%	0.347%
43	10.621	1448	1451	1454	rVB	325106	299018	3.47%	0.295%
44	10.663	1454	1458	1459	rBV	789360	725171	8.41%	0.717%
45	10.680	1459	1461	1464	rVB	979858	827761	9.60%	0.818%
46	10.798	1476	1481	1484	rBV4	256820	313603	3.64%	0.310%
47	10.986	1508	1513	1515	rVV	573692	741887	8.61%	0.733%
48	11.016	1515	1518	1520	rVV	374411	320665	3.72%	0.317%
49	11.069	1524	1527	1530	rVB	346572	285573	3.31%	0.282%
50	11.133	1535	1538	1541	rVV4	172878	202966	2.35%	0.201%
51	11.186	1544	1547	1551	rVV	245771	238372	2.77%	0.236%
52	11.274	1557	1562	1568	rVB	595137	719146	8.34%	0.711%
53	11.439	1575	1590	1592	rBV	4162683	8619752	100.00%	8.517%
54	11.474	1592	1596	1599	rBV	2387170	2369835	27.49%	2.342%
55	11.674	1626	1630	1632	rVV	410054	387056	4.49%	0.382%
56	11.710	1633	1636	1642	rVB2	255896	276897	3.21%	0.274%
57	11.886	1662	1666	1668	rBV	1384204	1344584	15.60%	1.329%
58	11.916	1668	1671	1675	rVB	1457729	1413807	16.40%	1.397%
59	11.963	1675	1679	1682	rBV	640186	702594	8.15%	0.694%
60	12.004	1682	1686	1688	rVV2	1932613	2319733	26.91%	2.292%
61	12.021	1688	1689	1693	rVB	956820	703080	8.16%	0.695%
62	12.180	1712	1716	1719	rVV	1021869	910389	10.56%	0.900%
63	12.321	1735	1740	1743	rBV	274791	312469	3.63%	0.309%
64	12.357	1743	1746	1748	rVV	302172	259941	3.02%	0.257%
65	12.433	1753	1759	1762	rBV	849176	1030393	11.95%	1.018%
66	12.474	1762	1766	1768	rVV2	472077	708301	8.22%	0.700%
67	12.492	1768	1769	1772	rVV	435708	310491	3.60%	0.307%
68	12.533	1772	1776	1779	rVV2	254803	418224	4.85%	0.413%
69	12.615	1784	1790	1792	rVV	2804542	3839084	44.54%	3.793%
70	12.704	1801	1805	1808	rVV	1353017	1322701	15.35%	1.307%
71	12.774	1814	1817	1822	rVB2	166236	221263	2.57%	0.219%

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72	12.851	1822	1830	1833	rBV	3135806	5332729	61.87%	5.269%
73	12.968	1846	1850	1858	rVB	1226708	1397720	16.22%	1.381%
74	13.045	1859	1863	1868	rVB	410490	622536	7.22%	0.615%
75	13.139	1874	1879	1880	rBV2	375744	552536	6.41%	0.546%
76	13.157	1880	1882	1886	rVB	830801	771016	8.94%	0.762%
77	13.227	1890	1894	1897	rBV	725093	691789	8.03%	0.684%
78	13.262	1897	1900	1903	rBV	627000	522861	6.07%	0.517%
79	13.327	1907	1911	1913	rBV	406880	435409	5.05%	0.430%
80	13.357	1913	1916	1918	rVV	441203	397749	4.61%	0.393%
81	13.386	1918	1921	1931	rVB	717030	763013	8.85%	0.754%
82	13.633	1959	1963	1966	rBV3	129106	221708	2.57%	0.219%
83	13.804	1989	1992	1994	rVV	435985	393906	4.57%	0.389%
84	13.827	1994	1996	2003	rVB	366917	428992	4.98%	0.424%
85	14.027	2024	2030	2033	rBV2	1827596	2638297	30.61%	2.607%
86	14.062	2033	2036	2038	rVB	1332342	1252041	14.53%	1.237%
87	14.409	2091	2095	2099	rVV2	400592	536118	6.22%	0.530%
88	14.492	2104	2109	2110	rVV2	177758	239922	2.78%	0.237%
89	14.539	2114	2117	2118	rVV	211395	229476	2.66%	0.227%
90	14.557	2118	2120	2123	rVV	361345	383659	4.45%	0.379%
91	14.657	2134	2137	2147	rVB6	126716	304979	3.54%	0.301%
92	15.080	2201	2209	2211	rBV	659237	1148542	13.32%	1.135%
93	15.180	2221	2226	2230	rBV	295676	334533	3.88%	0.331%
94	15.380	2254	2260	2266	rVB	578546	767004	8.90%	0.758%
95	15.451	2266	2272	2276	rBV	908336	1380481	16.02%	1.364%
96	15.504	2276	2281	2284	rVV	256509	355226	4.12%	0.351%
97	15.533	2284	2286	2292	rVB2	205432	255598	2.97%	0.253%
98	16.998	2526	2535	2541	rBV	358549	750600	8.71%	0.742%
99	17.456	2603	2613	2622	rVB	313509	712194	8.26%	0.704%
100	17.686	2644	2652	2663	rVB	157488	371881	4.31%	0.367%

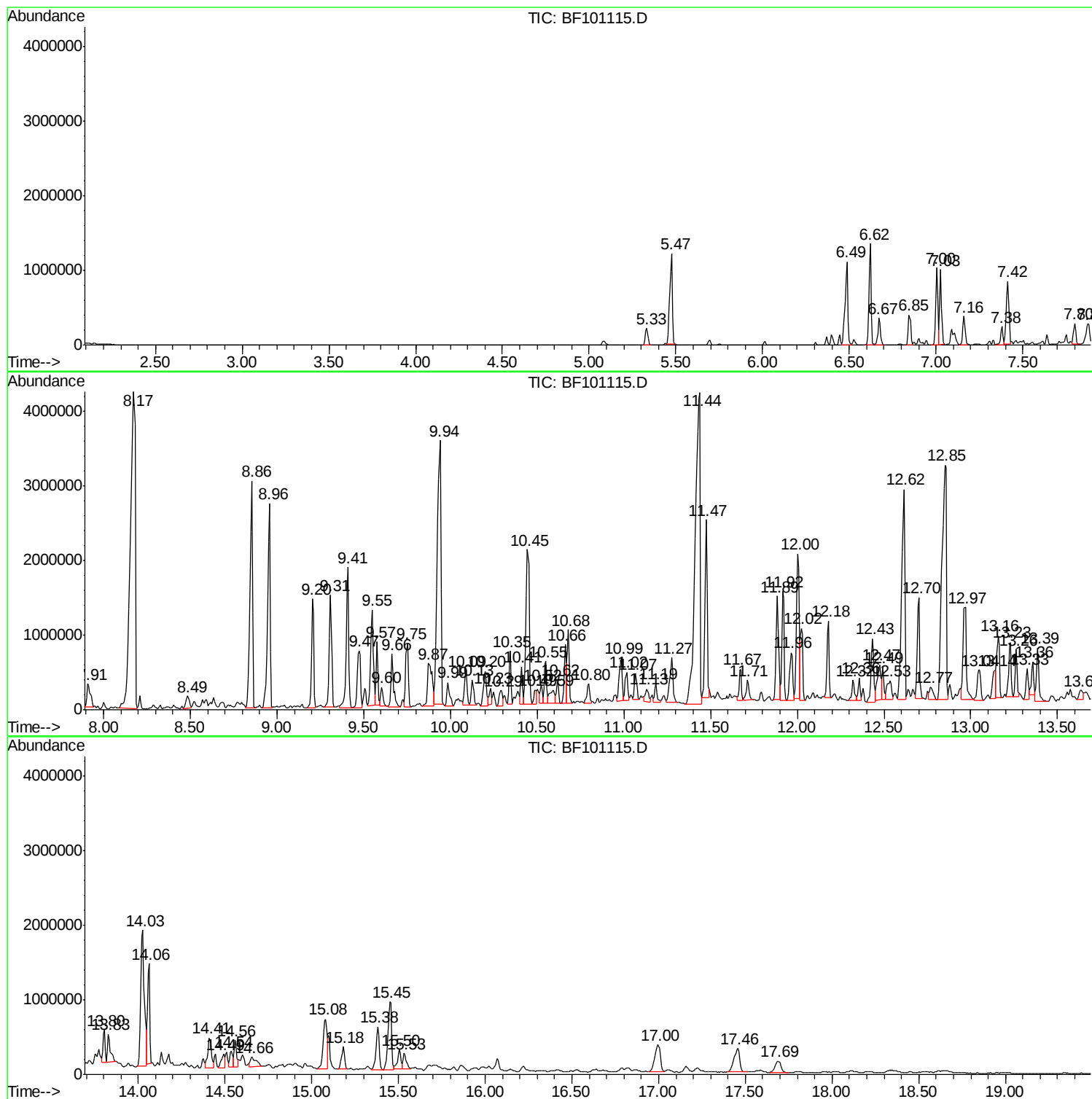
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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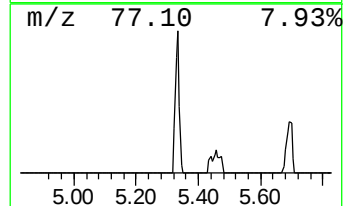
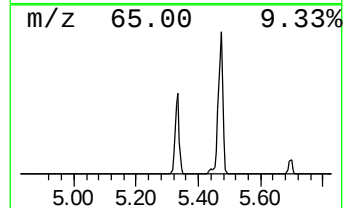
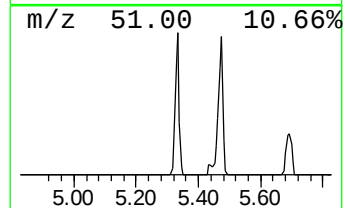
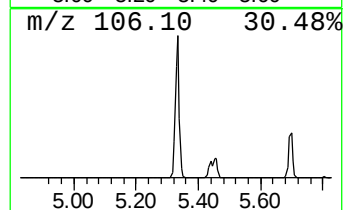
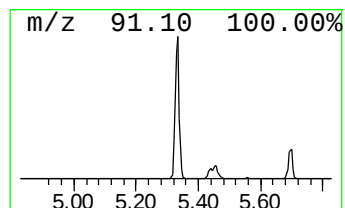
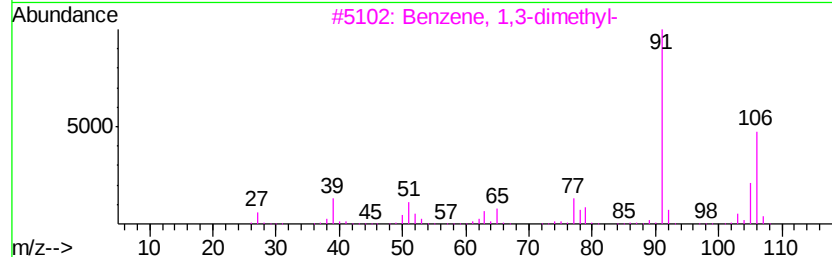
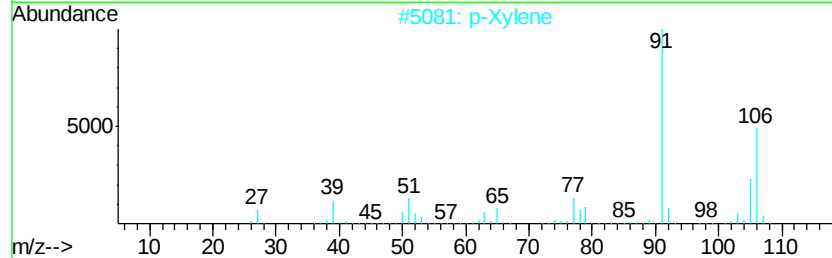
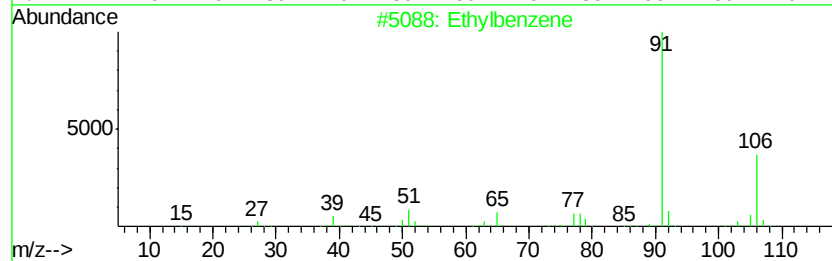
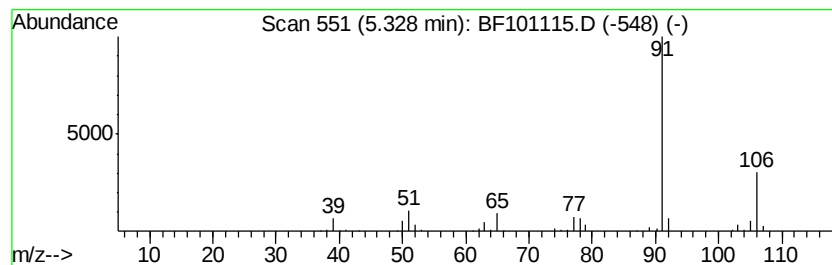
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	12.31 ng	210029	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	91
2			p-Xylene	106	C8H10	000106-42-3	83
3			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	78
4			o-Xylene	106	C8H10	000095-47-6	68
5			N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	59



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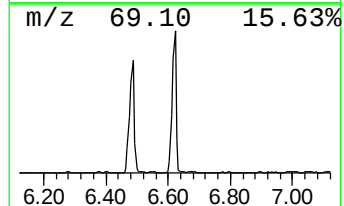
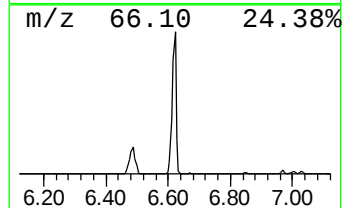
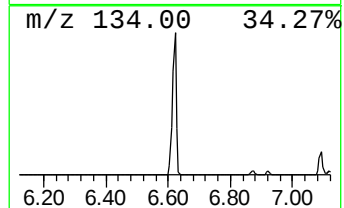
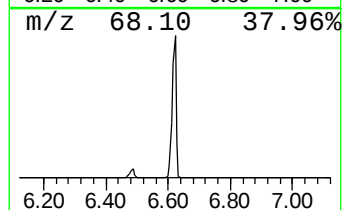
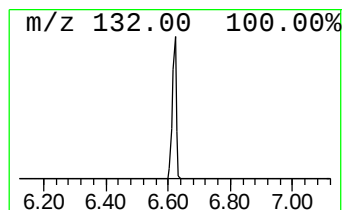
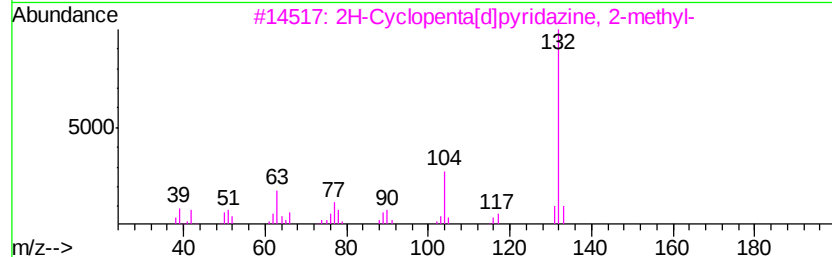
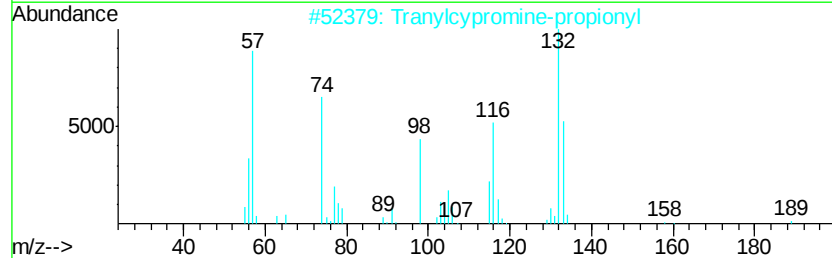
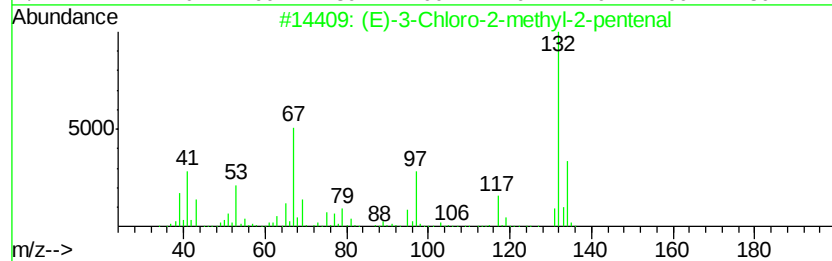
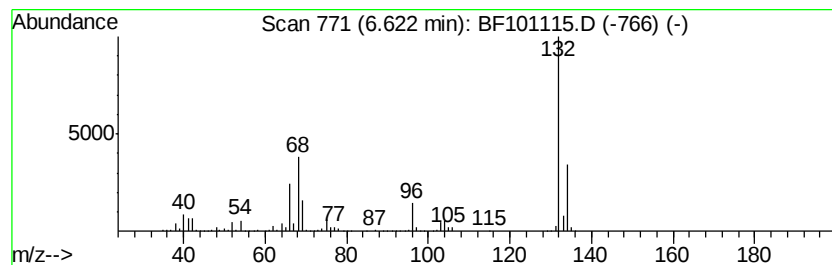
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	71.39 ng	1218100	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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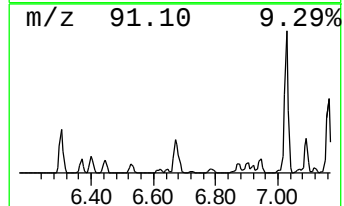
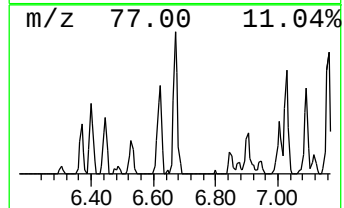
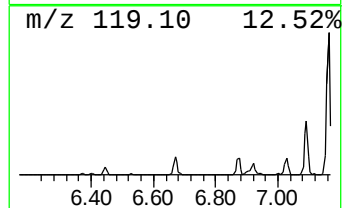
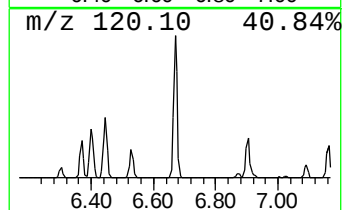
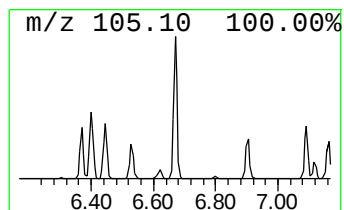
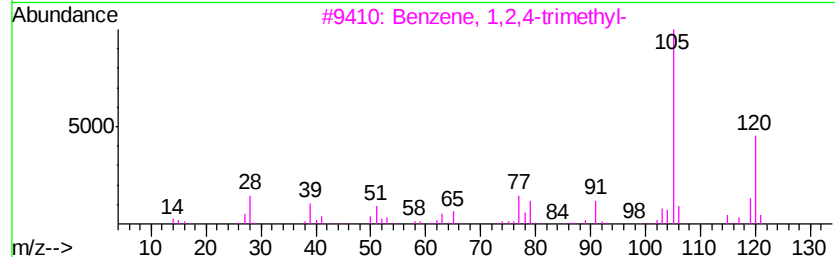
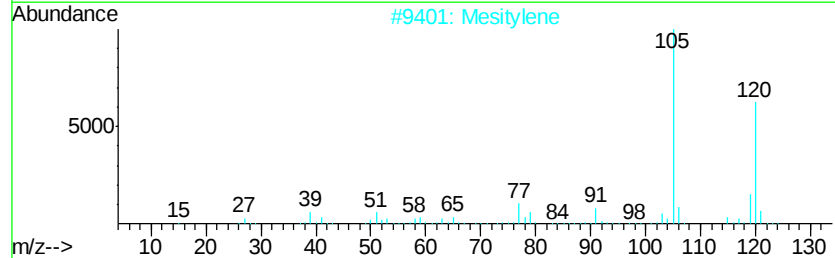
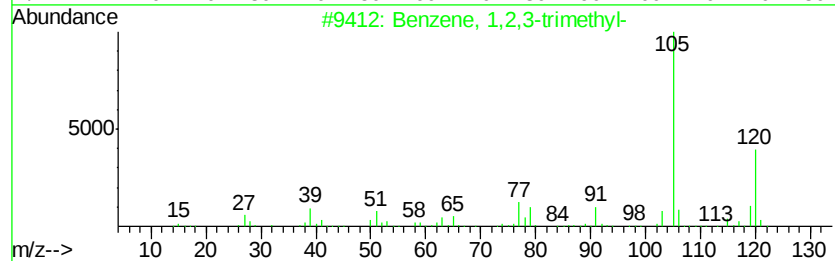
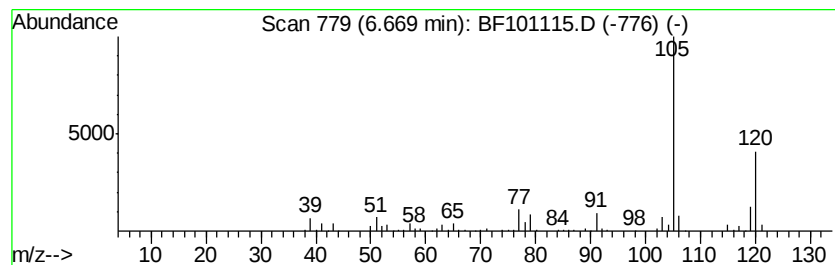
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	20.38 ng	347728	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CS-TP-BANK-1

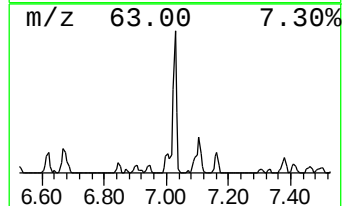
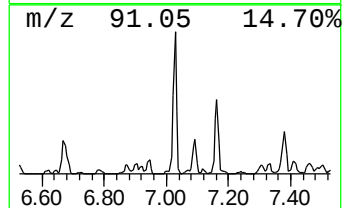
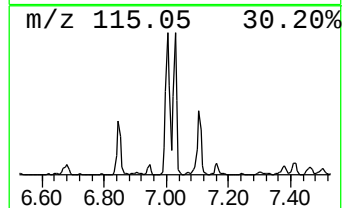
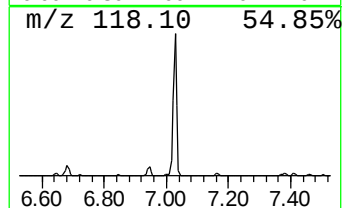
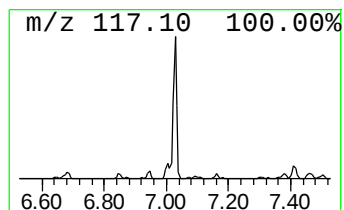
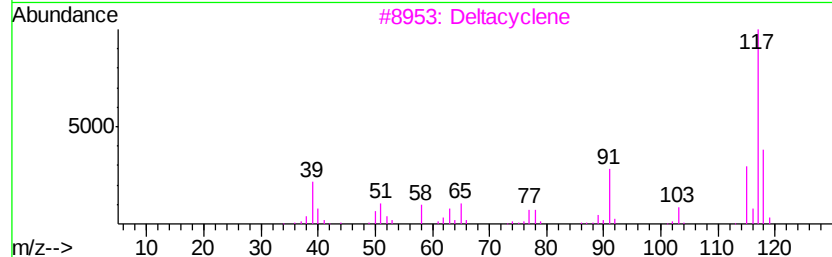
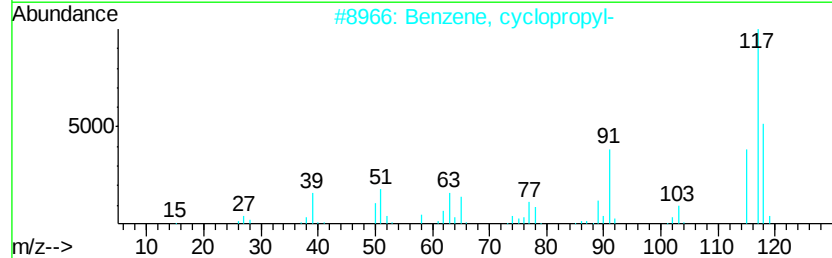
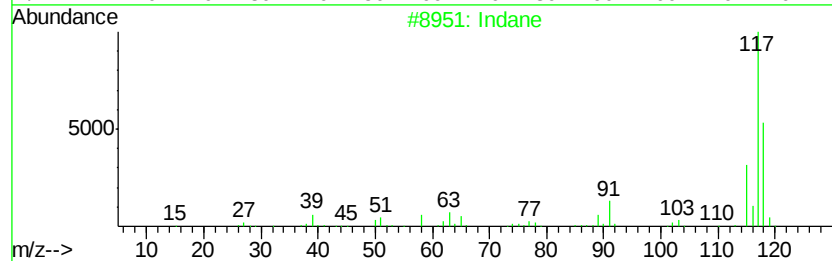
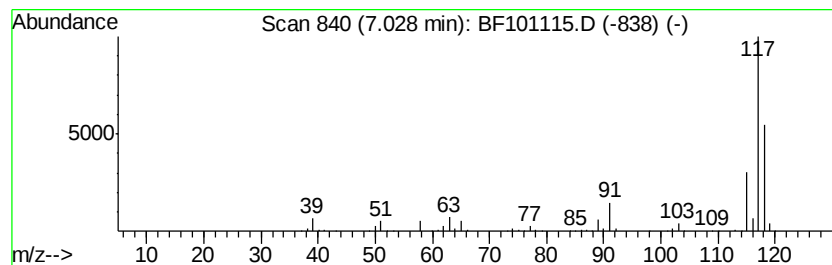
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	42.64 ng	727533	1,4-Dichlorobenzene-d4	6.85

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	87
3	Deltacyclene		118	C9H10	007785-10-6	72
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	60
5	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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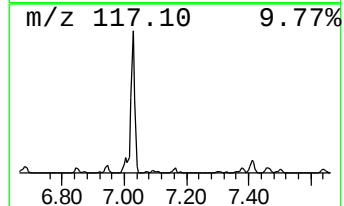
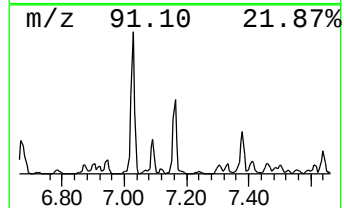
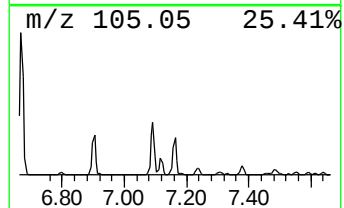
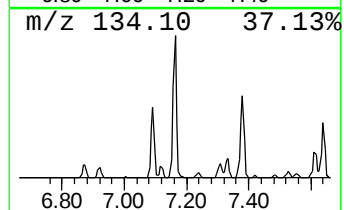
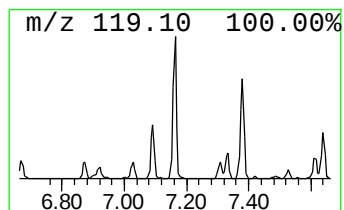
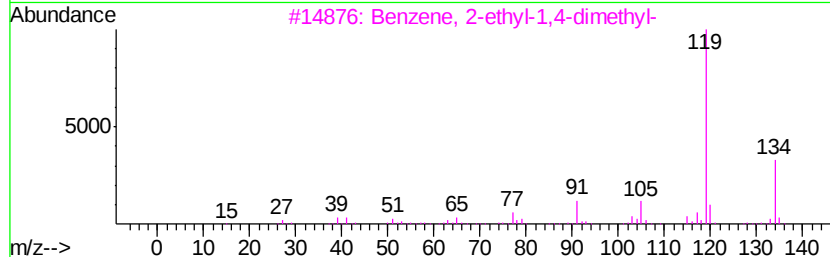
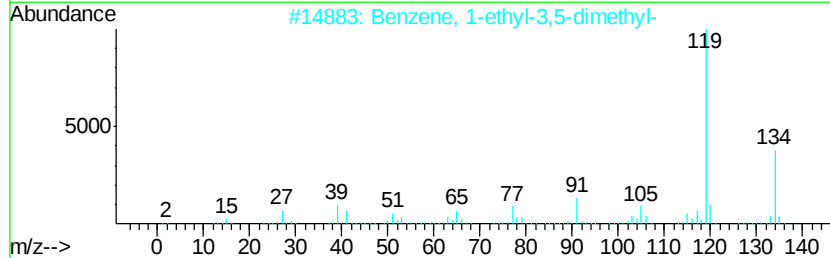
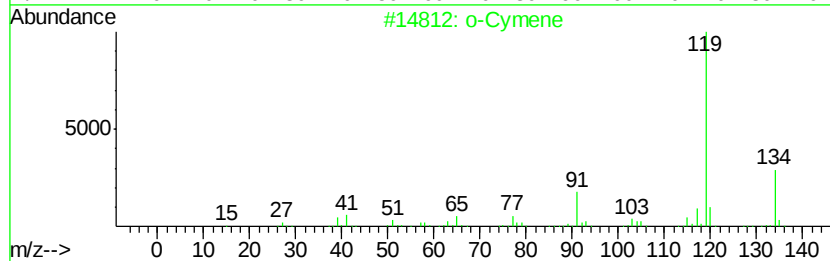
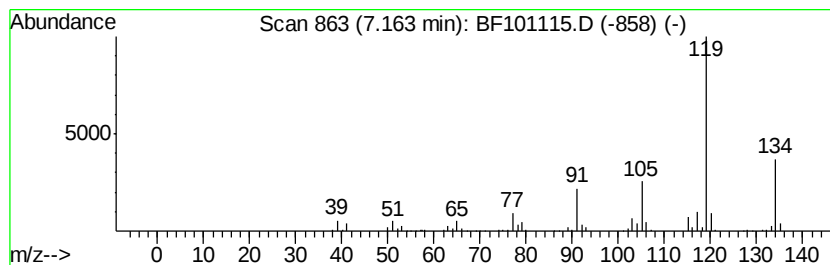
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	18.01 ng	307372	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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Operator : SJ/JU
Sample : I6696-04
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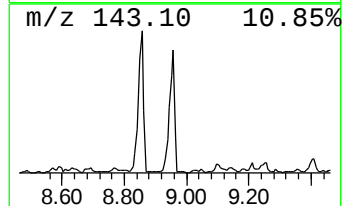
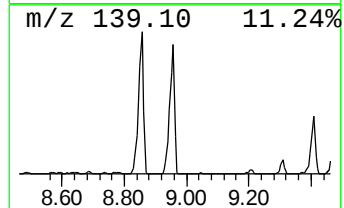
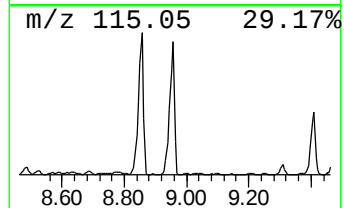
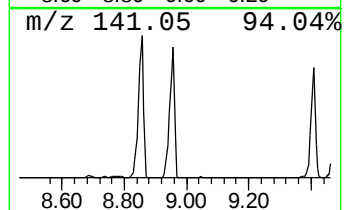
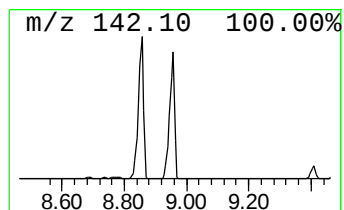
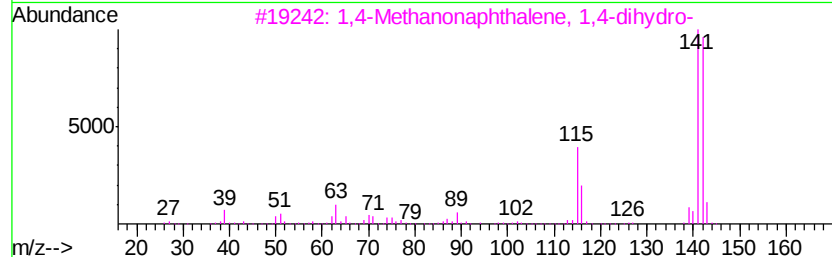
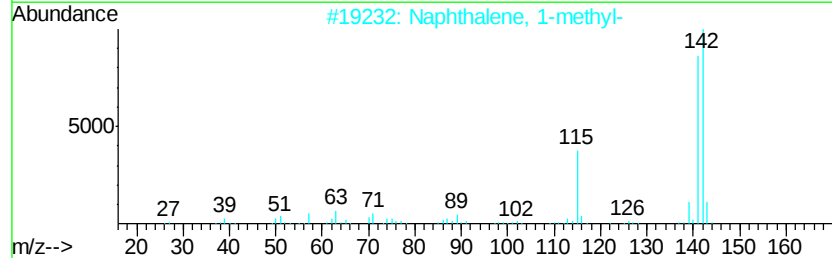
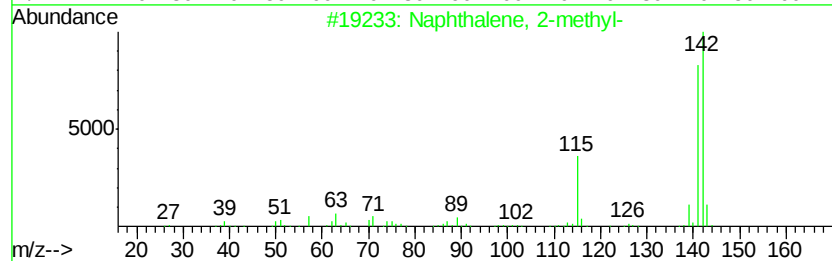
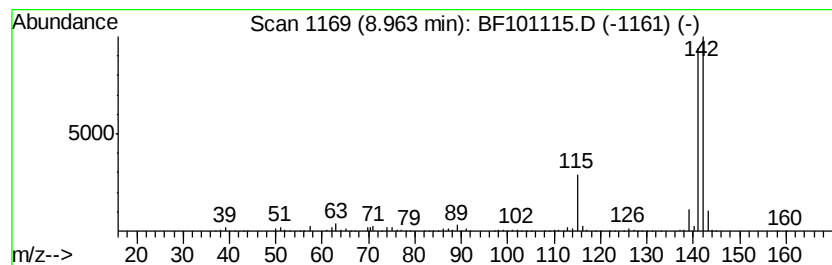
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.96	7.47 ng	2933910	Naphthalene-d8	8.14		
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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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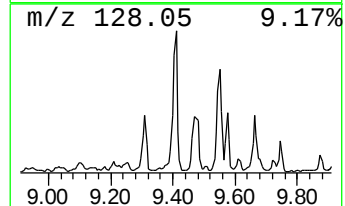
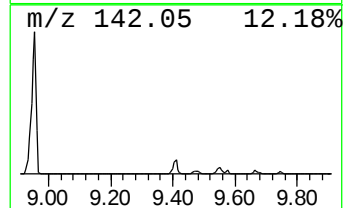
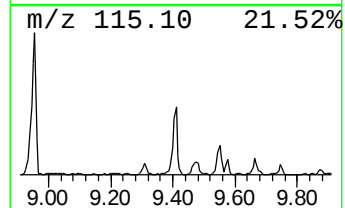
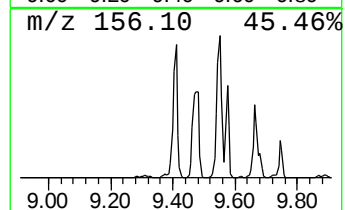
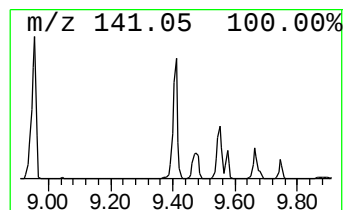
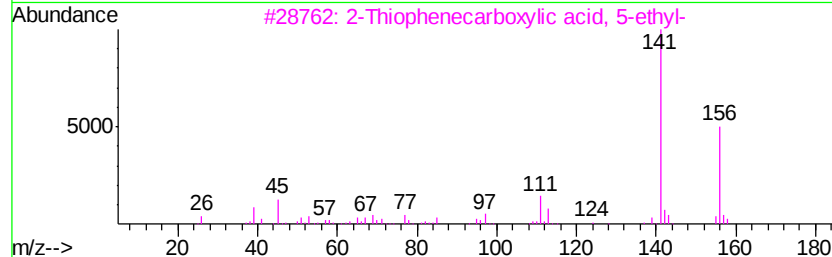
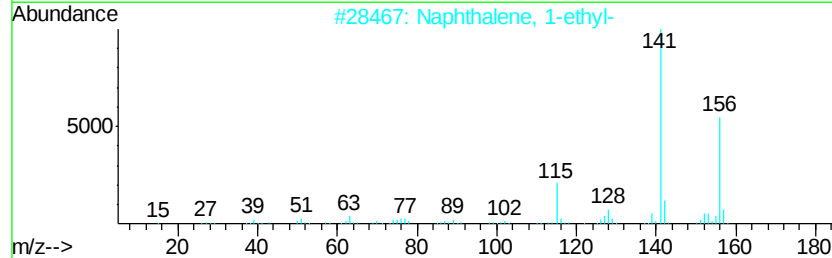
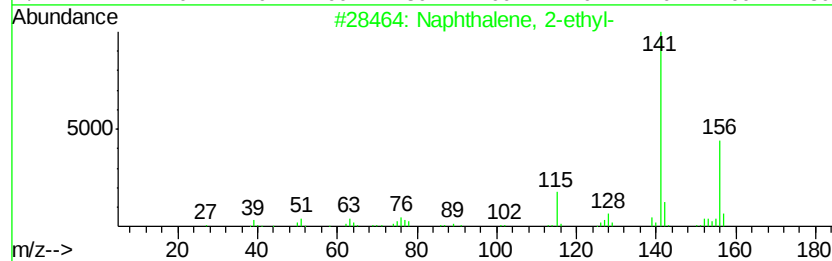
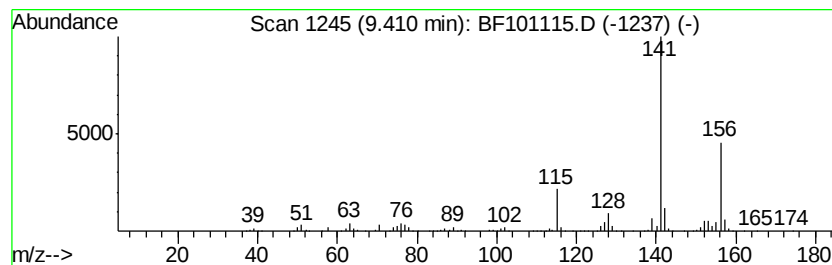
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.41	37.69 ng	1932470	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
3	2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4	1-Ethanone, 1-[4-(1-naphthalenyl)-]	276	C19H16O2	1000338-30-5	47
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
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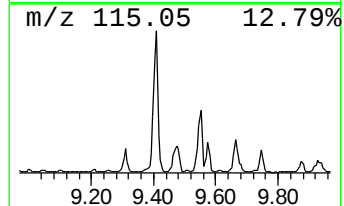
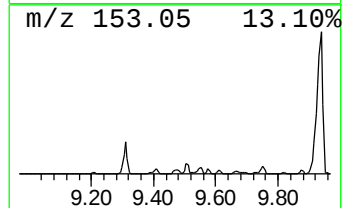
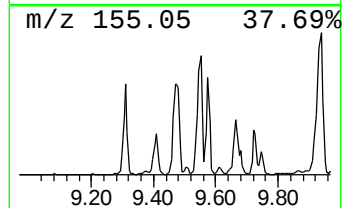
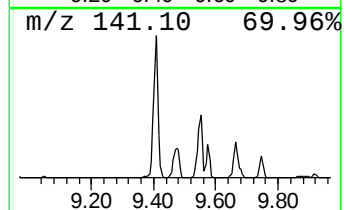
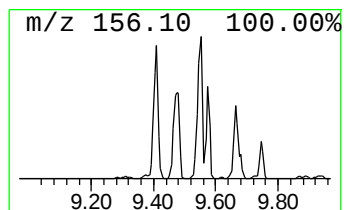
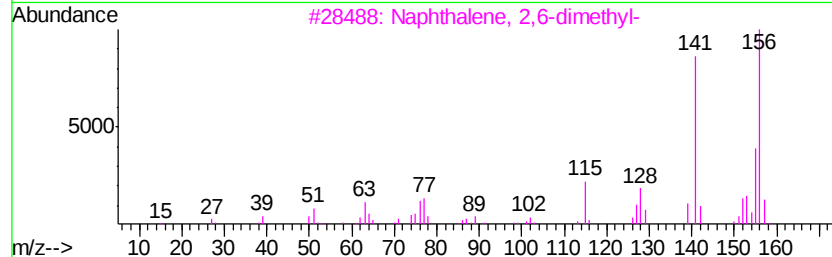
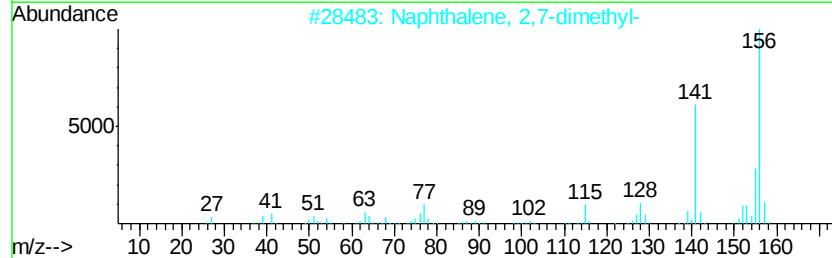
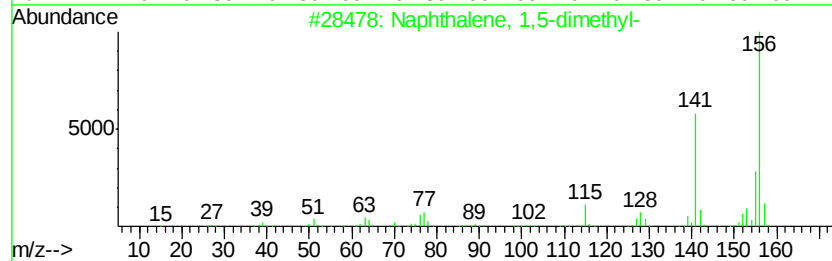
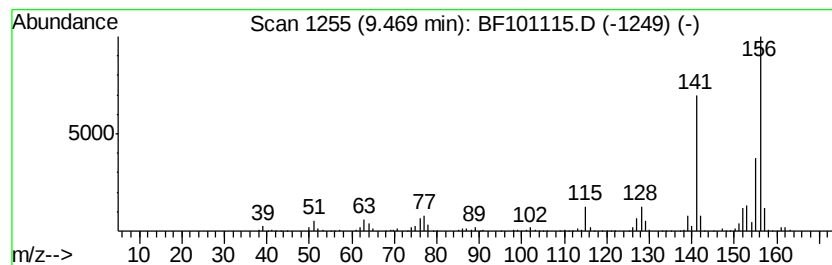
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	20.90 ng	1071790	Acenaphthene-d10	9.89

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
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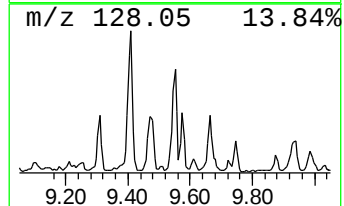
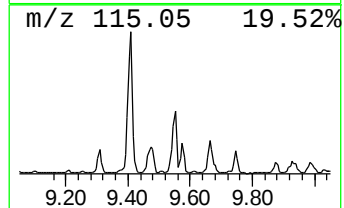
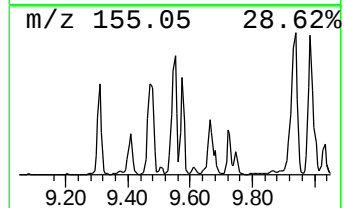
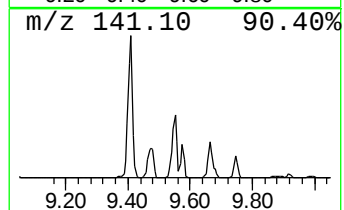
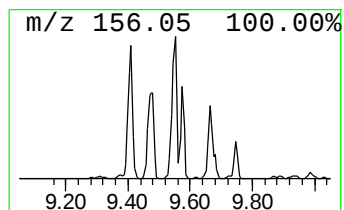
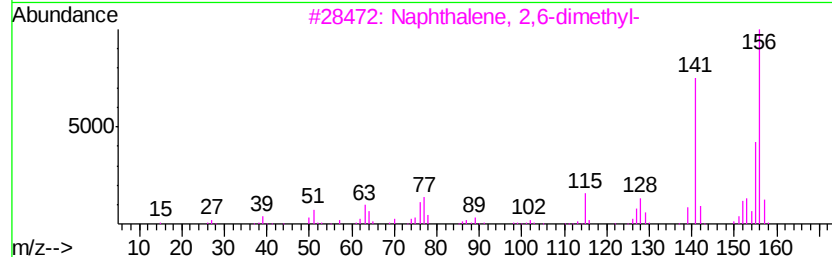
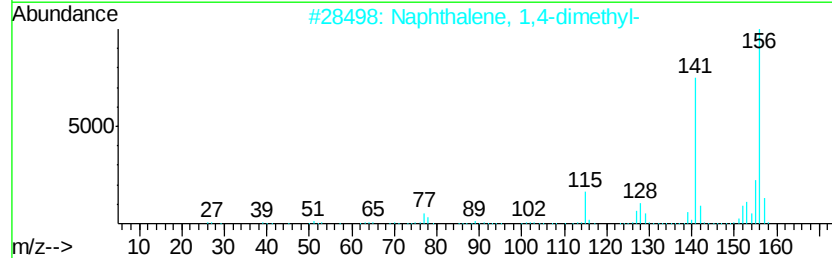
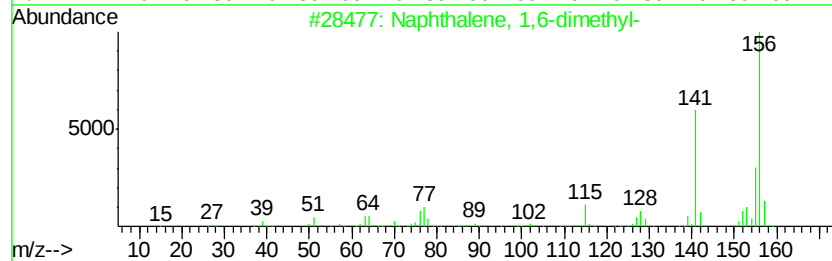
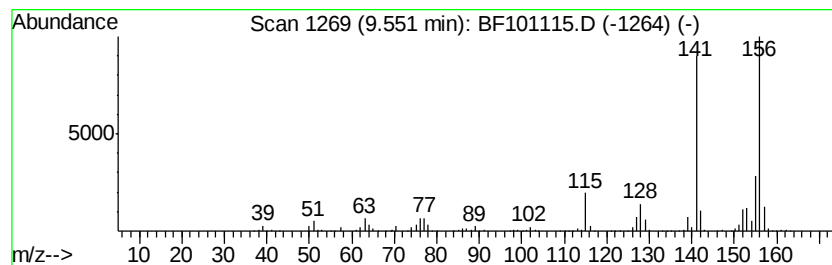
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	27.37 ng	1403350	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

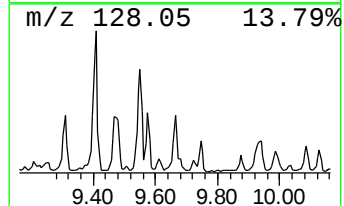
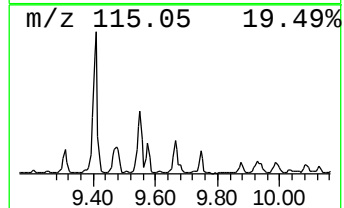
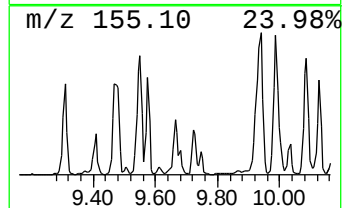
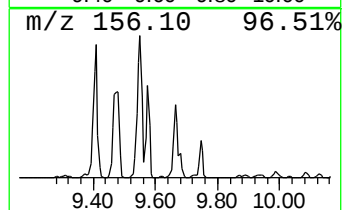
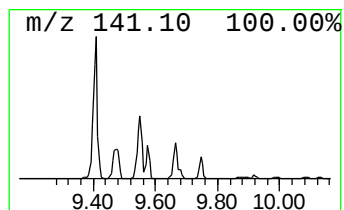
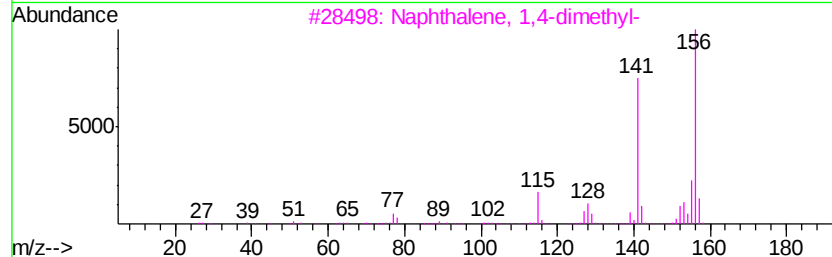
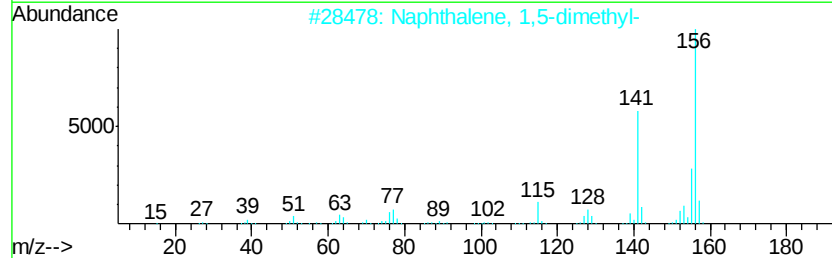
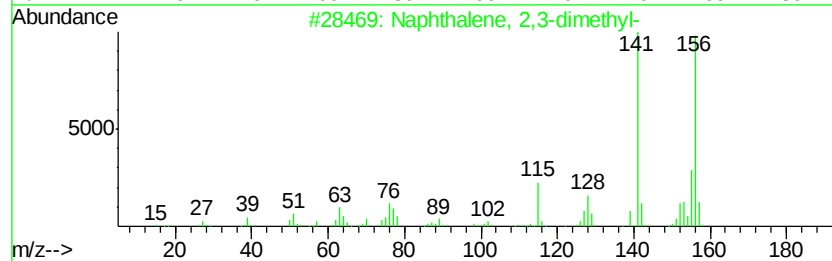
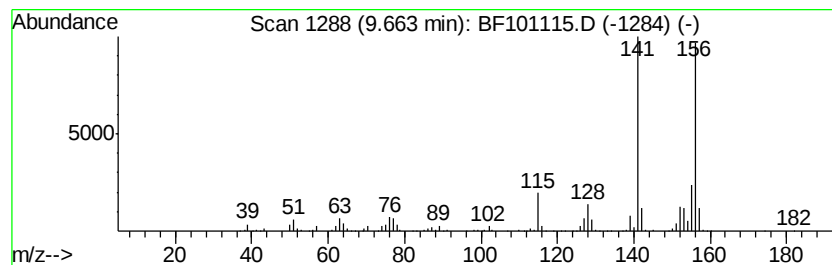
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ClientSampleId :
CS-TP-BANK-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	14.78 ng	757937	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-TP-BANK-1

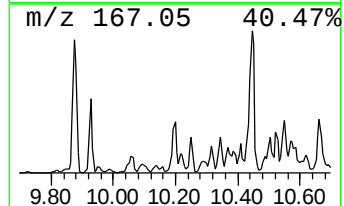
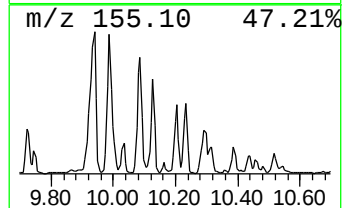
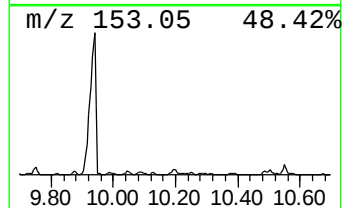
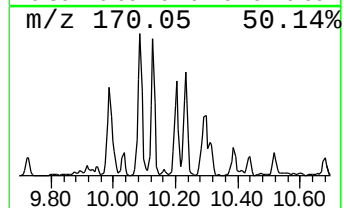
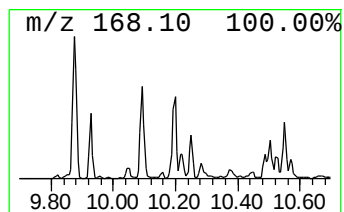
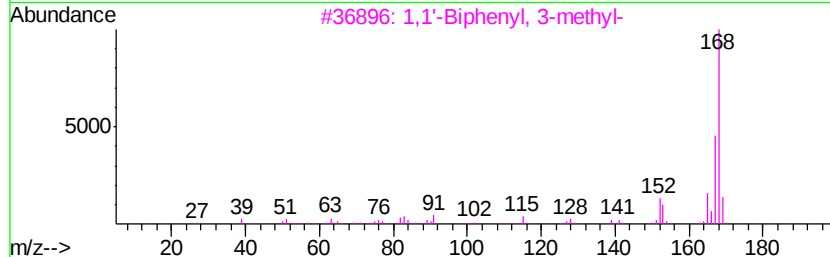
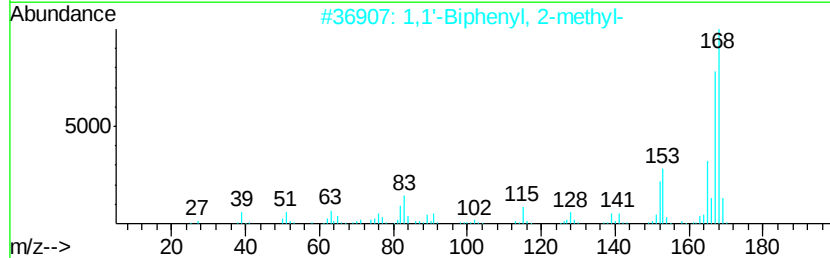
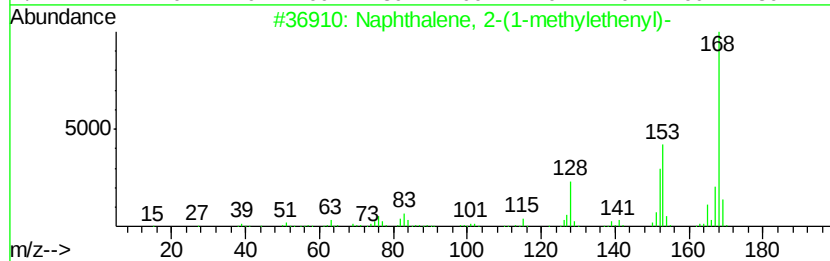
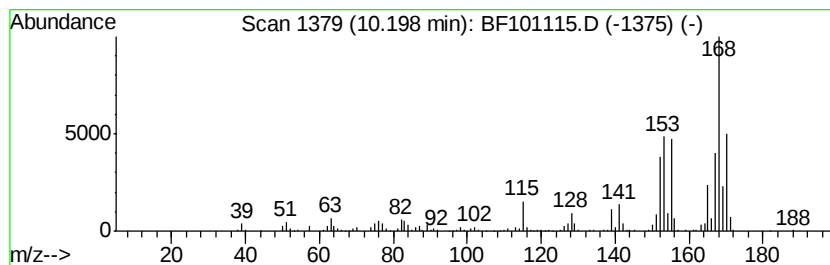
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	10.18 ng	521847	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
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ALS Vial : 4 Sample Multiplier: 1

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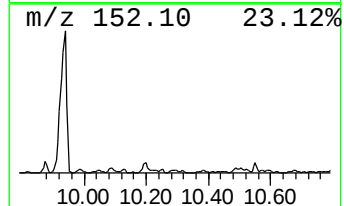
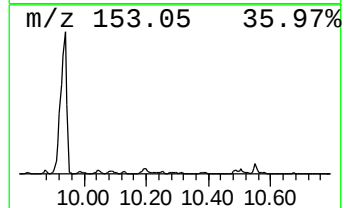
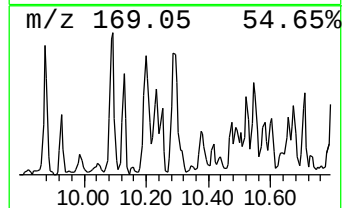
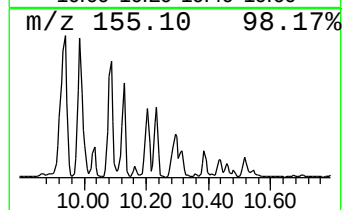
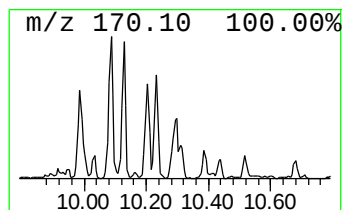
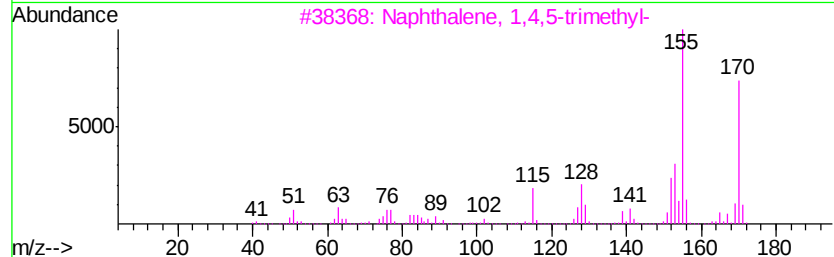
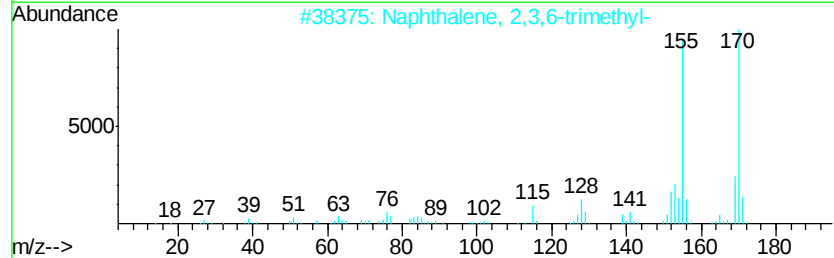
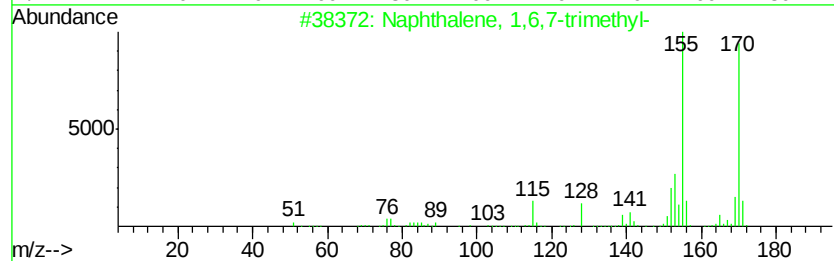
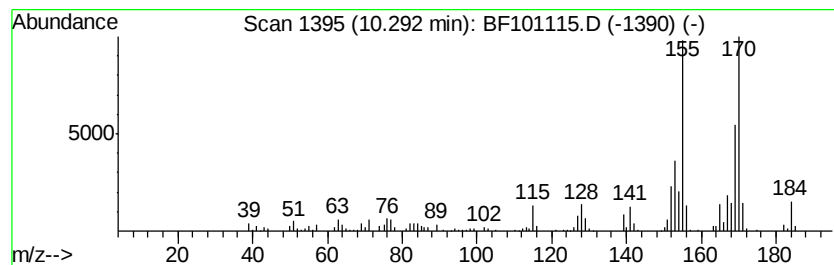
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	6.07 ng	310981	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
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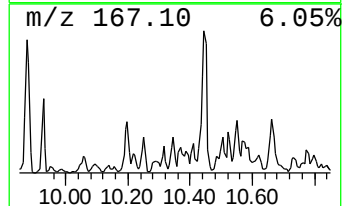
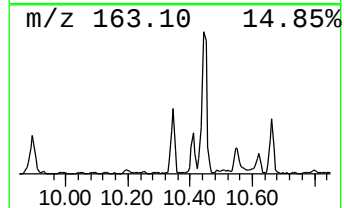
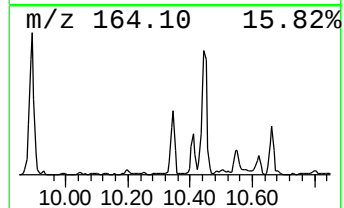
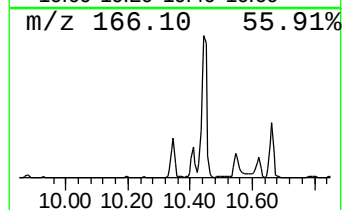
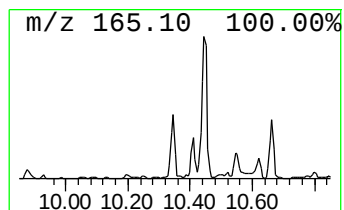
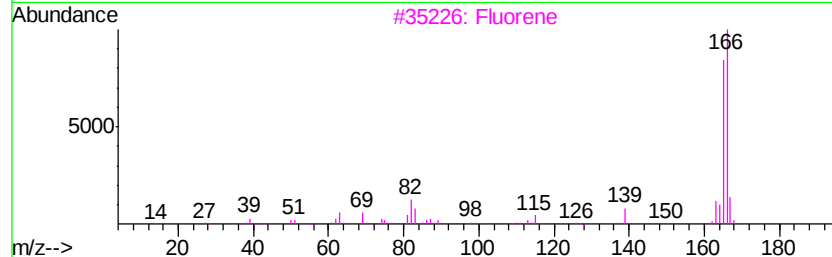
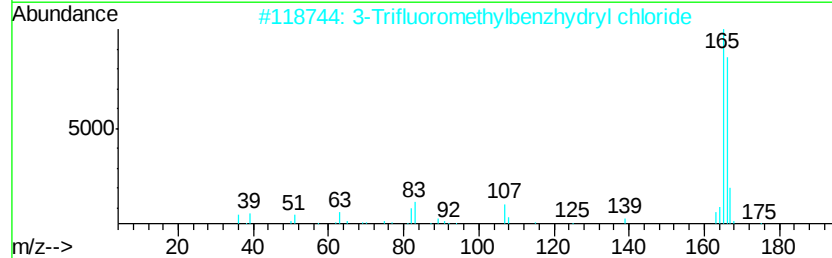
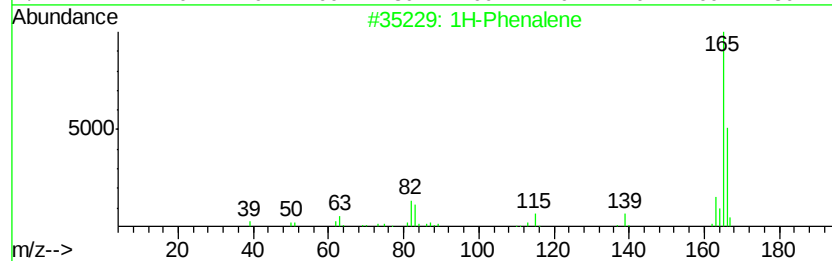
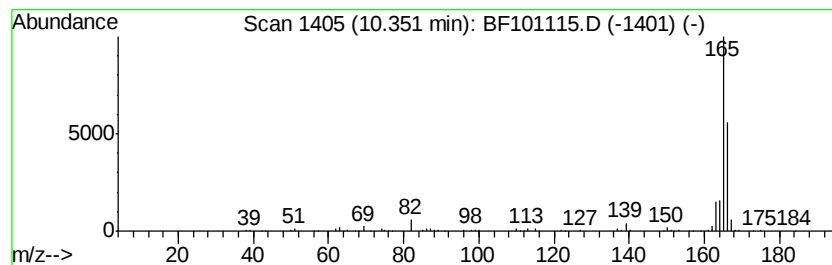
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Phenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.35	11.22 ng	575430	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenylene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
3	Fluorene	166	C13H10	000086-73-7	43
4	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
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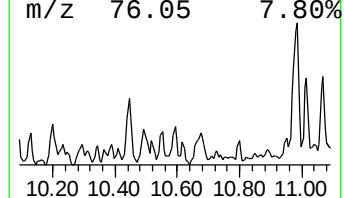
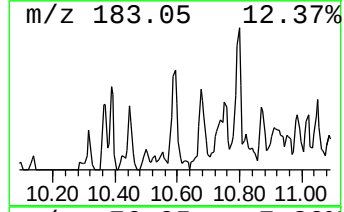
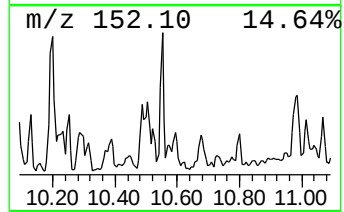
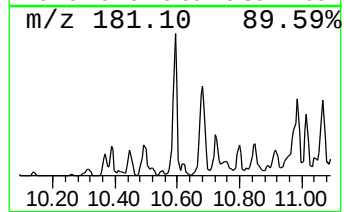
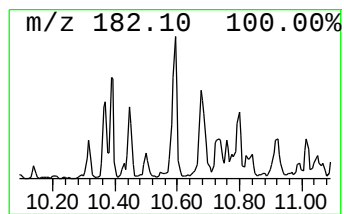
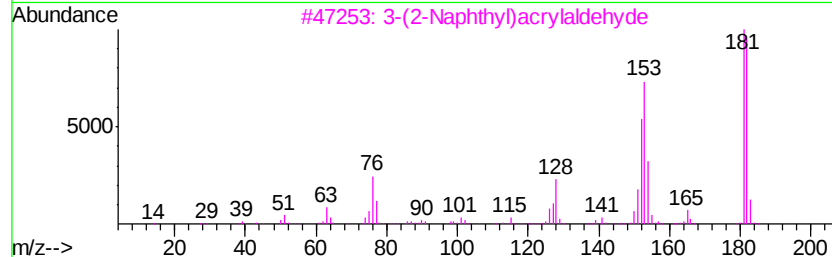
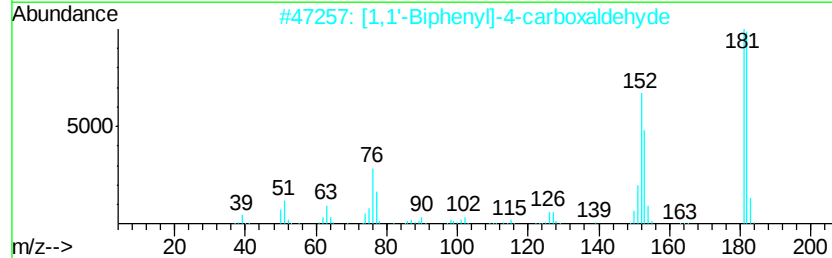
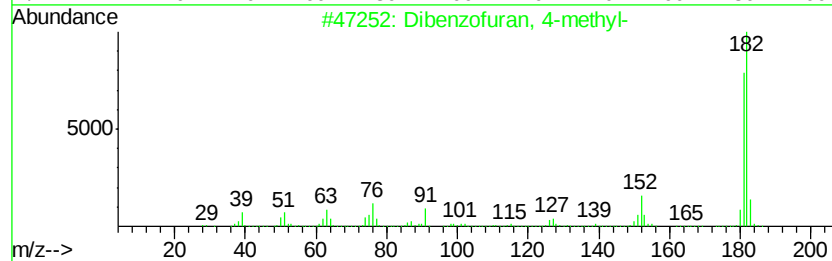
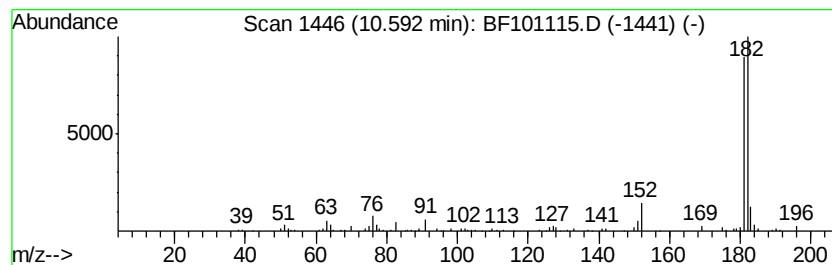
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.59	6.84 ng	350828	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CS-TP-BANK-1

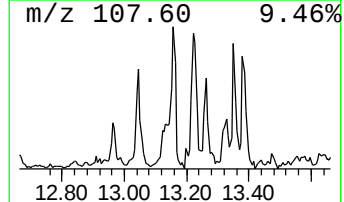
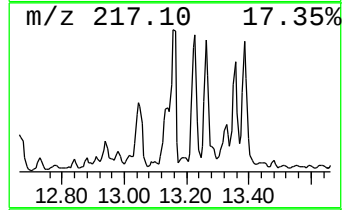
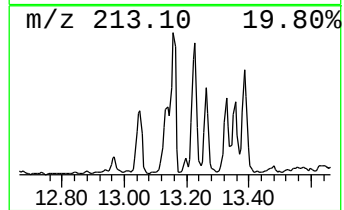
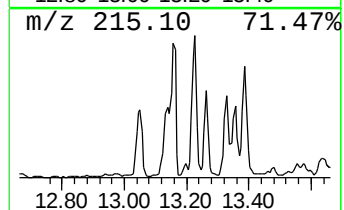
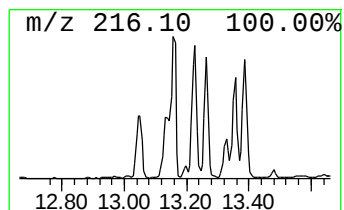
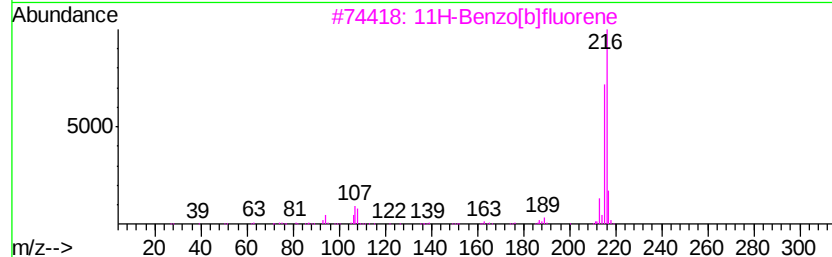
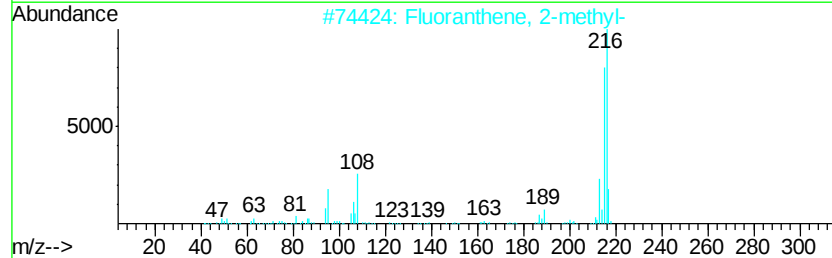
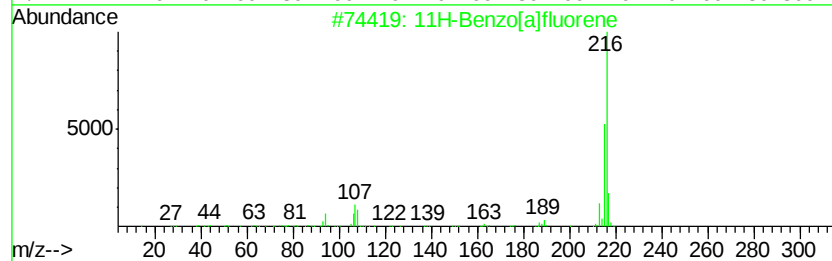
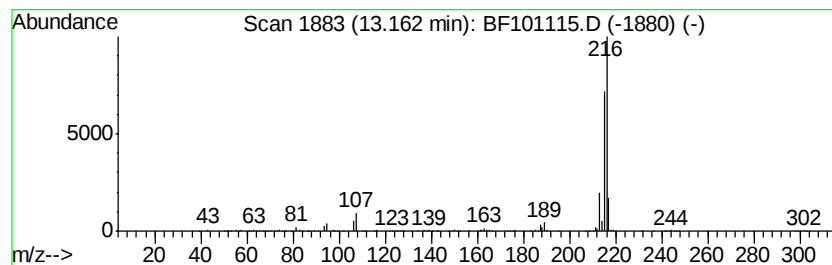
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.84 ng	771016	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CS-TP-BANK-1

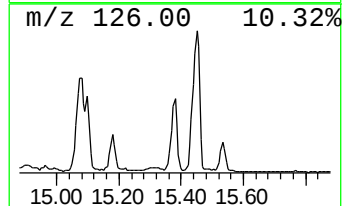
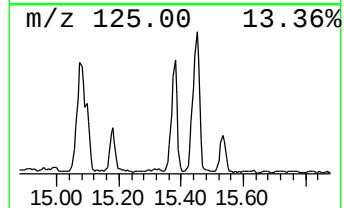
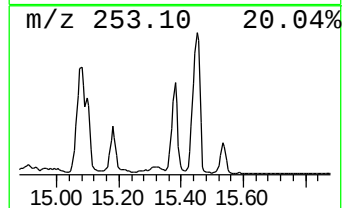
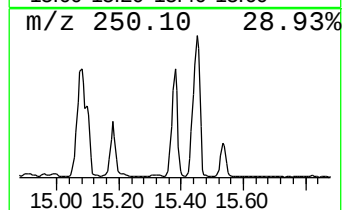
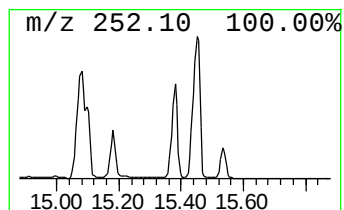
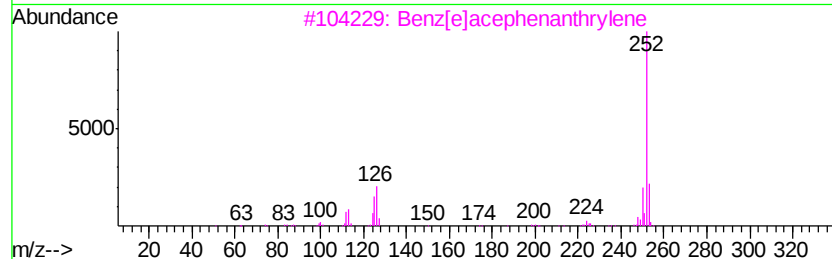
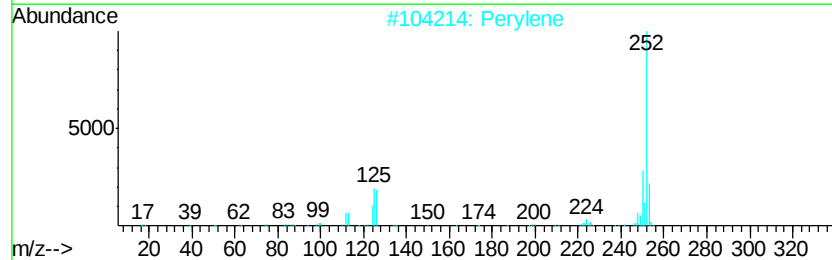
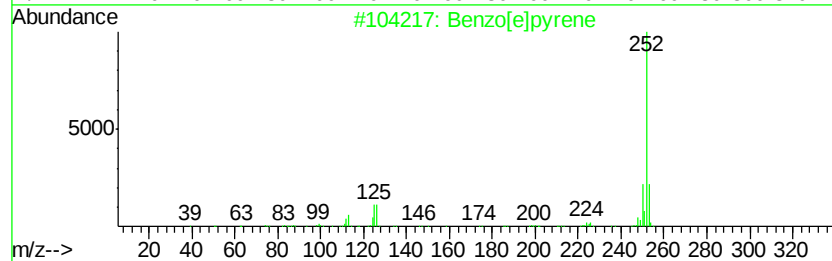
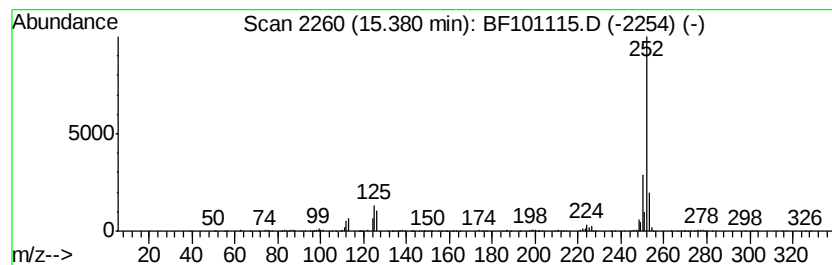
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	43.18 ng	767004	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120517\
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 Operator : SJ/JU
 Sample : I6696-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-TP-BANK-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
Ethylbenzene	5.33	12.3	ng	210029	1	6.85	341263	20.0
unknown6.62	6.62	71.4	ng	1218100	1	6.85	341263	20.0
Benzene, 1,2,3-tr...	6.67	20.4	ng	347728	1	6.85	341263	20.0
Indane	7.03	42.6	ng	727533	1	6.85	341263	20.0
o-Cymene	7.16	18.0	ng	307372	1	6.85	341263	20.0
Naphthalene, 2-me...	8.96	7.5	ng	2933910	2	8.14	7851240	20.0
Naphthalene, 2-et...	9.41	37.7	ng	1932470	3	9.89	1025450	20.0
Naphthalene, 1,5-...	9.47	20.9	ng	1071790	3	9.89	1025450	20.0
Naphthalene, 1,6-...	9.55	27.4	ng	1403350	3	9.89	1025450	20.0
Naphthalene, 2,3-...	9.66	14.8	ng	757937	3	9.89	1025450	20.0
unknown10.20	10.20	10.2	ng	521847	3	9.89	1025450	20.0
Naphthalene, 1,6,...	10.29	6.1	ng	310981	3	9.89	1025450	20.0
1H-Phenylene	10.35	11.2	ng	575430	3	9.89	1025450	20.0
Dibenzofuran, 4-m...	10.59	6.8	ng	350828	3	9.89	1025450	20.0
11H-Benzo[a]fluorene	13.16	5.8	ng	771016	5	14.03	2638300	20.0
Benzo[e]pyrene	15.38	43.2	ng	767004	6	15.50	355226	20.0