

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096832.D
 Acq On : 17 Jul 2017 21:09
 Operator : SJ/JU
 Sample : I4203-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB03A

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-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.787	471	476	485	rVB	220315	285059	3.59%	0.265%
2	5.228	547	551	562	rBV	2208779	2265712	28.56%	2.110%
3	6.269	723	728	739	rBV	2423944	2568664	32.38%	2.392%
4	6.387	744	748	751	rBV	2678371	2355081	29.69%	2.193%
5	6.610	783	786	790	rBV	809227	693570	8.74%	0.646%
6	6.769	809	813	816	rBV	2065047	1866596	23.53%	1.738%
7	7.175	877	882	885	rBV	1607865	1513343	19.08%	1.409%
8	7.898	1001	1005	1006	rBV	996517	1169555	14.74%	1.089%
9	7.922	1006	1009	1012	rVV	4156031	4618541	58.22%	4.301%
10	7.963	1012	1016	1021	rVB2	239934	272120	3.43%	0.253%
11	8.251	1062	1065	1069	rBV	351668	367515	4.63%	0.342%
12	8.334	1075	1079	1082	rBV	237604	237844	3.00%	0.222%
13	8.504	1102	1108	1111	rBV2	164092	154717	1.95%	0.144%
14	8.610	1121	1126	1129	rVV	3539732	3595762	45.32%	3.349%
15	8.657	1129	1134	1138	rVV2	129993	249222	3.14%	0.232%
16	8.710	1138	1143	1146	rVB	2555070	2496610	31.47%	2.325%
17	8.934	1178	1181	1183	rBV2	437055	339197	4.28%	0.316%
18	8.969	1183	1187	1190	rVB	2534655	2234210	28.16%	2.081%
19	9.069	1197	1204	1207	rBV	1325295	1385314	17.46%	1.290%
20	9.163	1217	1220	1226	rVB	453279	486732	6.14%	0.453%
21	9.228	1226	1231	1238	rBV2	827177	1319209	16.63%	1.229%
22	9.304	1240	1244	1247	rVV	1069386	1192448	15.03%	1.111%
23	9.334	1247	1249	1251	rVV	744672	622349	7.84%	0.580%
24	9.363	1251	1254	1256	rVV2	315491	392790	4.95%	0.366%
25	9.386	1256	1258	1260	rVV	564017	444899	5.61%	0.414%
26	9.422	1260	1264	1270	rVV	547079	798791	10.07%	0.744%
27	9.498	1274	1277	1280	rVV	974629	946576	11.93%	0.882%
28	9.592	1290	1293	1296	rVV	342206	279261	3.52%	0.260%
29	9.639	1296	1301	1304	rVV3	839842	1211122	15.27%	1.128%
30	9.675	1304	1307	1310	rVV	2497677	2526644	31.85%	2.353%
31	9.704	1310	1312	1315	rVB	229073	193966	2.44%	0.181%
32	9.745	1315	1319	1324	rBV	119227	201270	2.54%	0.187%
33	9.851	1332	1337	1340	rVV	2242713	2259897	28.49%	2.105%
34	9.886	1340	1343	1345	rVB	212542	179210	2.26%	0.167%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.957	1351	1355	1358	rBV2	203764	272004	3.43%	0.253%
36	9.986	1358	1360	1362	rVB	253357	177278	2.23%	0.165%
37	10.051	1367	1371	1373	rVV2	249907	309870	3.91%	0.289%
38	10.092	1375	1378	1380	rVV	343494	318951	4.02%	0.297%
39	10.128	1380	1384	1386	rVV4	122675	187962	2.37%	0.175%
40	10.192	1390	1395	1398	rVV	2803912	2785494	35.11%	2.594%
41	10.251	1403	1405	1407	rVV	267800	266534	3.36%	0.248%
42	10.269	1407	1408	1411	rVV	370508	295752	3.73%	0.275%
43	10.310	1411	1415	1418	rVV3	345164	519446	6.55%	0.484%
44	10.345	1418	1421	1426	rVB	708598	713589	8.99%	0.665%
45	10.428	1431	1435	1438	rVV	1393467	1518422	19.14%	1.414%
46	10.469	1438	1442	1447	rVB3	156043	212071	2.67%	0.198%
47	10.557	1452	1457	1458	rVV4	324046	376895	4.75%	0.351%
48	10.575	1458	1460	1464	rVB	397721	331904	4.18%	0.309%
49	10.728	1481	1486	1489	rBV3	330356	424528	5.35%	0.395%
50	10.757	1489	1491	1494	rVV	198254	163356	2.06%	0.152%
51	10.863	1506	1509	1511	rVV	182454	194580	2.45%	0.181%
52	10.928	1517	1520	1524	rVB	698422	645655	8.14%	0.601%
53	10.975	1524	1528	1531	rBV2	256928	313850	3.96%	0.292%
54	11.010	1531	1534	1537	rVV	950534	959905	12.10%	0.894%
55	11.039	1537	1539	1543	rVB	257726	227939	2.87%	0.212%
56	11.163	1549	1560	1562	rBV	4413068	7933291	100.00%	7.388%
57	11.204	1562	1567	1569	rVV	2463921	2367058	29.84%	2.204%
58	11.227	1569	1571	1576	rVB3	184729	186694	2.35%	0.174%
59	11.351	1585	1592	1594	rBV2	1588188	1733190	21.85%	1.614%
60	11.416	1600	1603	1604	rVV	219330	206043	2.60%	0.192%
61	11.451	1607	1609	1613	rVB4	236817	227598	2.87%	0.212%
62	11.622	1631	1638	1640	rVV	977888	1147011	14.46%	1.068%
63	11.651	1640	1643	1645	rVV	1342637	1313981	16.56%	1.224%
64	11.692	1648	1650	1653	rVV	484171	460368	5.80%	0.429%
65	11.733	1653	1657	1659	rVV	1573885	1677945	21.15%	1.563%
66	11.751	1659	1660	1665	rVB	643454	446216	5.62%	0.416%
67	11.839	1673	1675	1679	rVV2	198867	225297	2.84%	0.210%
68	11.916	1684	1688	1690	rVV	661475	664679	8.38%	0.619%
69	11.939	1690	1692	1695	rVB	836431	712725	8.98%	0.664%
70	12.122	1720	1723	1726	rVB2	228865	224306	2.83%	0.209%
71	12.169	1727	1731	1734	rBV	319891	416173	5.25%	0.388%

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72	12.227	1739	1741	1743	rVB	252570	183433	2.31%	0.171%
73	12.257	1743	1746	1751	rVB2	347880	446909	5.63%	0.416%
74	12.345	1754	1761	1764	rBV	3495711	5943434	74.92%	5.535%
75	12.422	1772	1774	1777	rVV	209304	182715	2.30%	0.170%
76	12.474	1780	1783	1786	rVB	427819	412080	5.19%	0.384%
77	12.574	1793	1800	1803	rBV3	3076935	5415768	68.27%	5.044%
78	12.604	1803	1805	1810	rVB2	390918	394500	4.97%	0.367%
79	12.674	1814	1817	1819	rBV	505643	446033	5.62%	0.415%
80	12.704	1819	1822	1828	rVB2	1418201	1608357	20.27%	1.498%
81	12.757	1829	1831	1832	rBV	203569	158880	2.00%	0.148%
82	12.804	1837	1839	1841	rVB	279654	228823	2.88%	0.213%
83	12.857	1846	1848	1850	rVV3	414167	460093	5.80%	0.428%
84	12.886	1850	1853	1856	rVB	988930	965229	12.17%	0.899%
85	12.951	1861	1864	1867	rBV2	783303	722560	9.11%	0.673%
86	12.986	1867	1870	1877	rVV3	691556	1000512	12.61%	0.932%
87	13.080	1883	1886	1888	rBV	402867	379256	4.78%	0.353%
88	13.110	1888	1891	1895	rVB3	338047	350038	4.41%	0.326%
89	13.392	1936	1939	1944	rBV	453914	492092	6.20%	0.458%
90	13.498	1954	1957	1960	rBV	538899	636551	8.02%	0.593%
91	13.527	1960	1962	1964	rVV	398556	331016	4.17%	0.308%
92	13.604	1971	1975	1980	rBV2	607151	835165	10.53%	0.778%
93	13.757	1995	2001	2003	rBV2	1721377	2968605	37.42%	2.765%
94	13.792	2003	2007	2011	rVB	1801141	2216457	27.94%	2.064%
95	14.774	2169	2174	2179	rVB2	1148722	2552292	32.17%	2.377%
96	15.033	2214	2218	2223	rVB	856080	1222251	15.41%	1.138%
97	15.092	2224	2228	2233	rVB	1103929	1532914	19.32%	1.428%
98	15.563	2305	2308	2311	rVB2	319616	399330	5.03%	0.372%
99	16.445	2453	2458	2463	rVB2	574742	1050951	13.25%	0.979%
100	16.833	2519	2524	2530	rVB	482107	959060	12.09%	0.893%

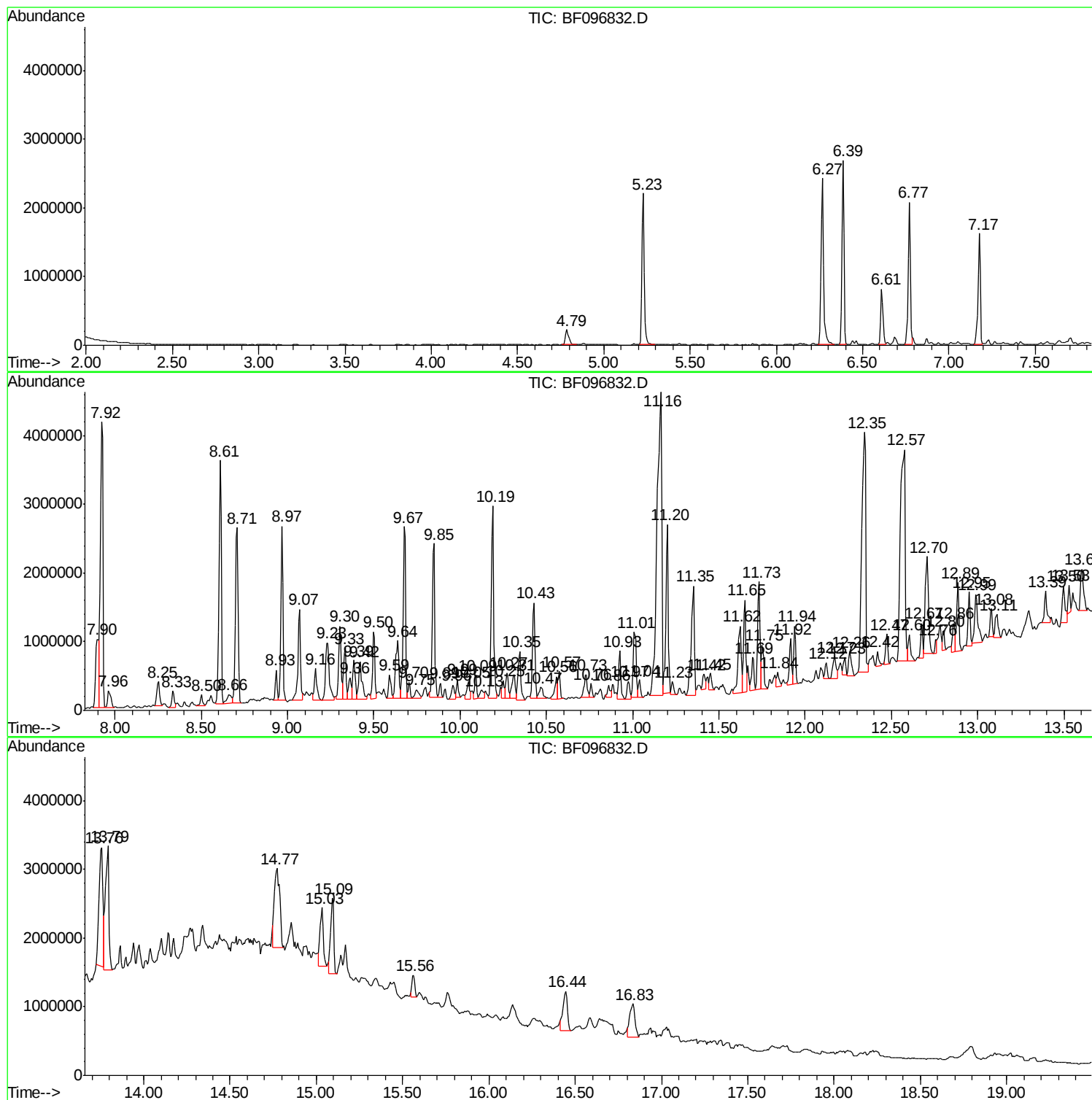
Sum of corrected areas: 107377660

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.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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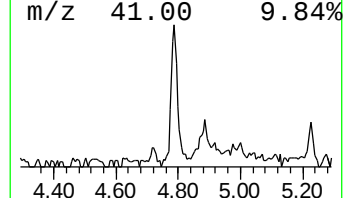
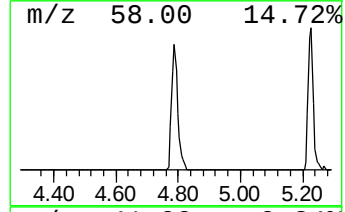
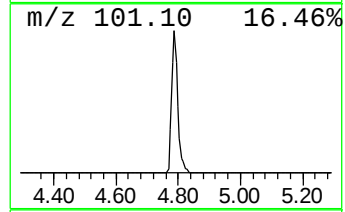
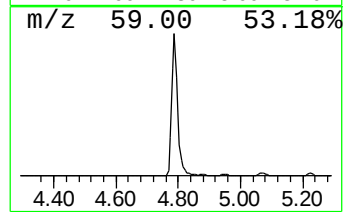
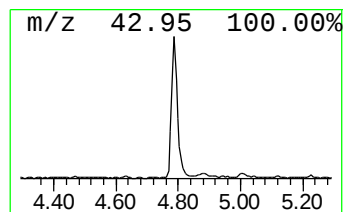
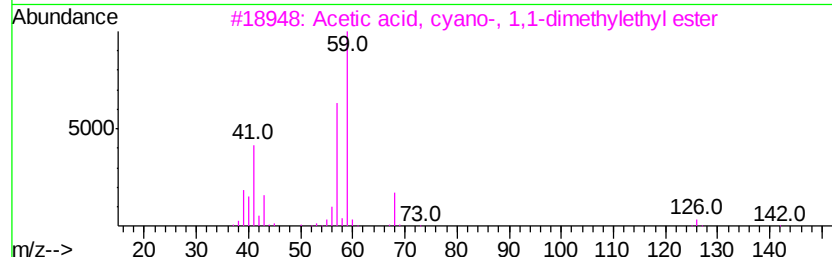
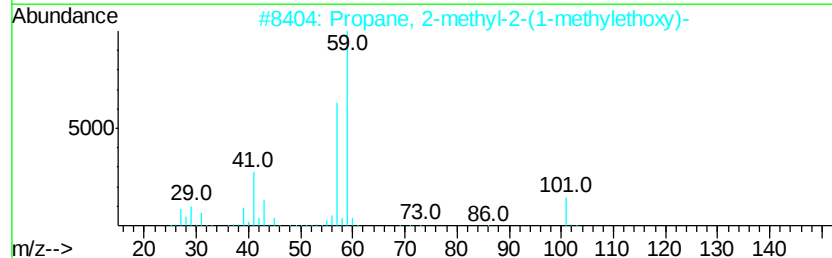
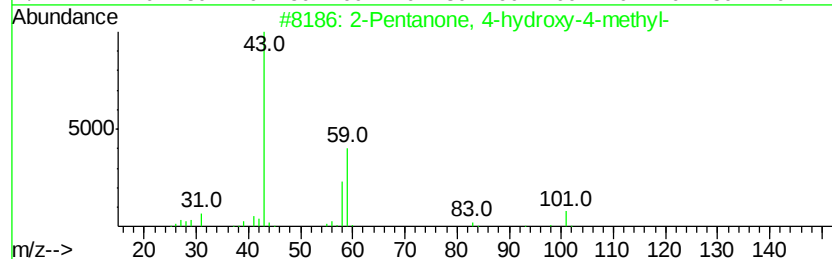
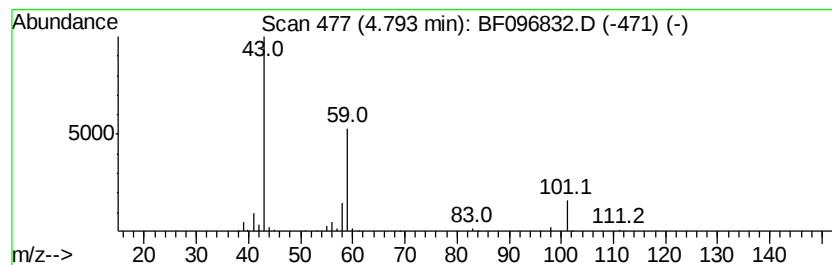
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	8.22 ng	285059	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
4		5-Oxohexanenitrile	111	C6H9NO	010412-98-3	14
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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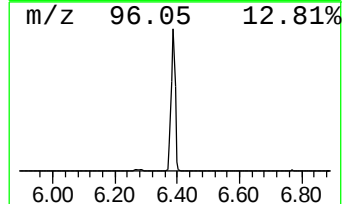
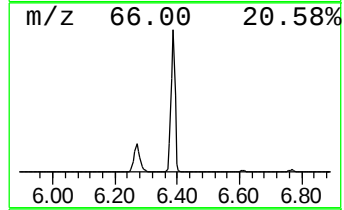
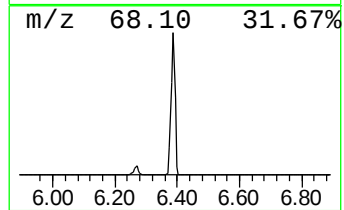
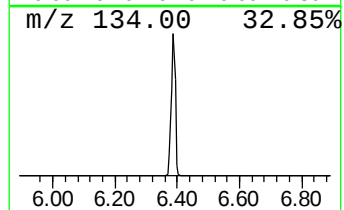
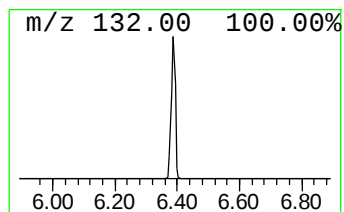
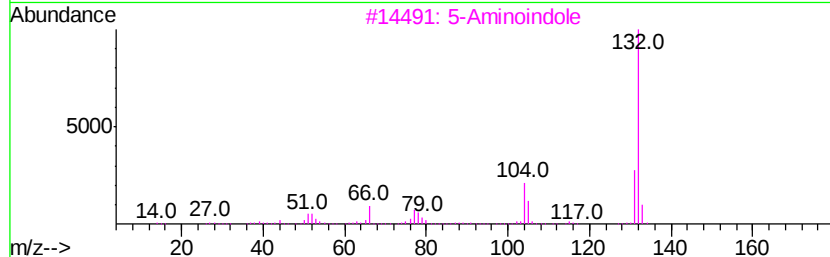
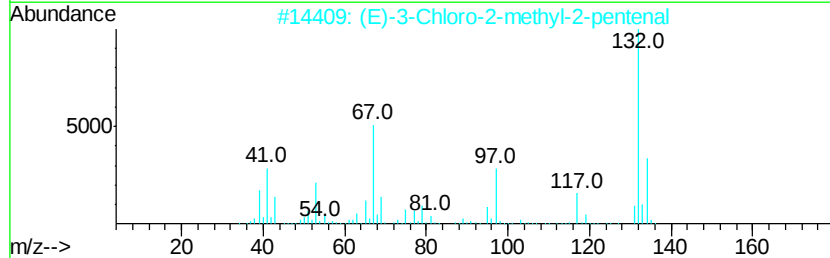
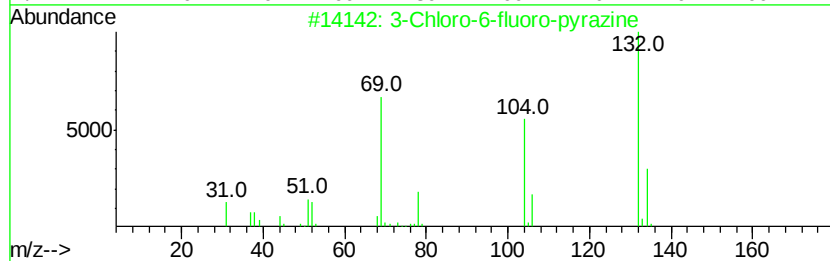
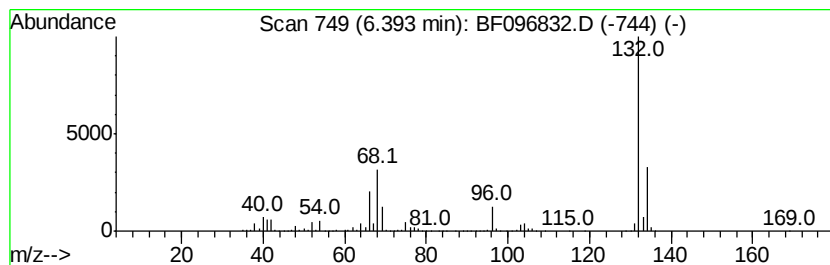
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	67.91 ng	2355080	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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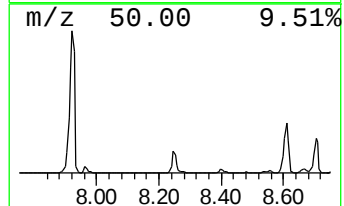
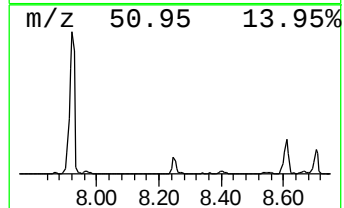
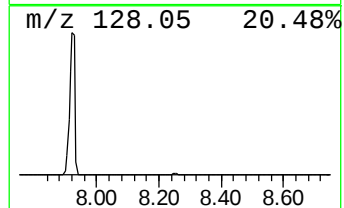
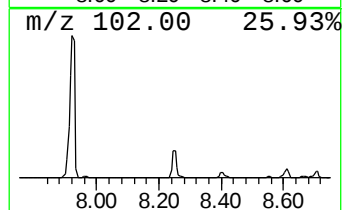
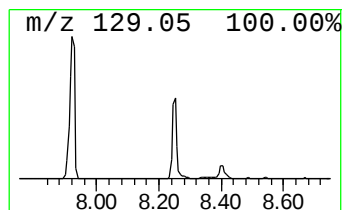
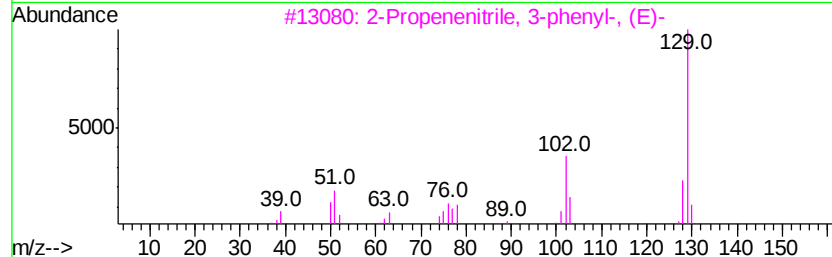
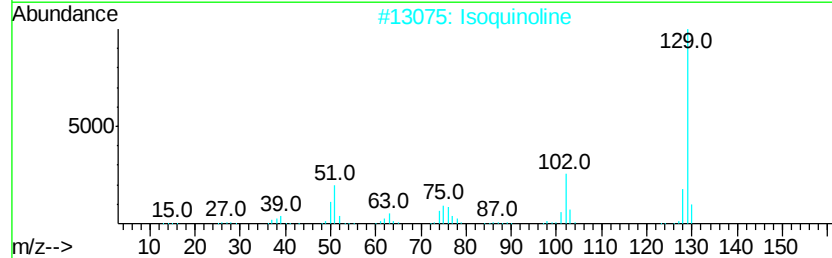
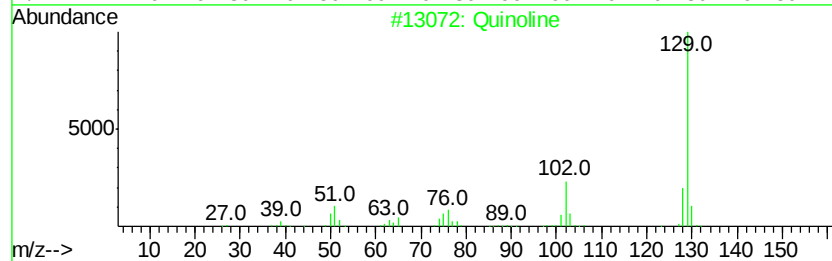
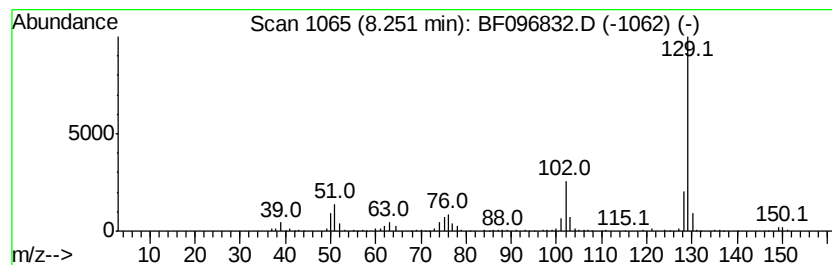
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Quinoline Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.25	6.28 ng	367515	Naphthalene-d8	7.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	91
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	87
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-SB03A

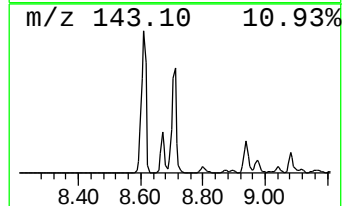
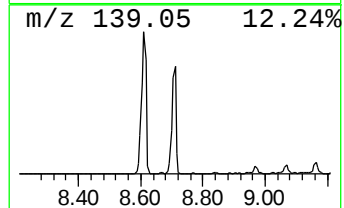
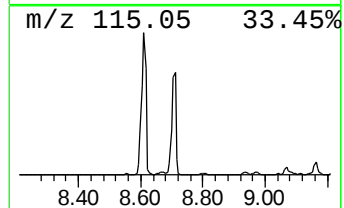
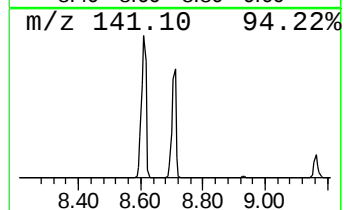
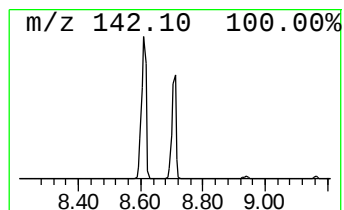
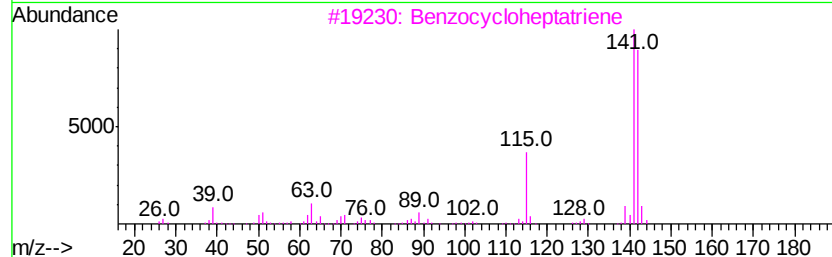
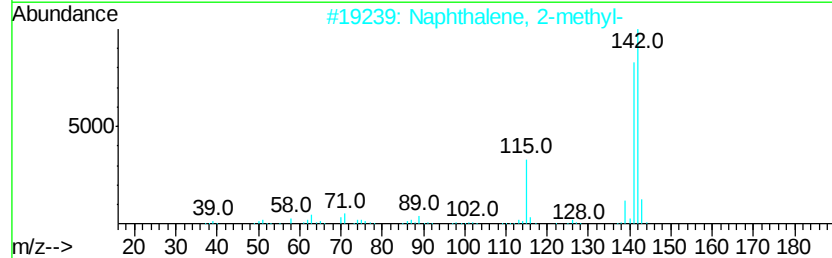
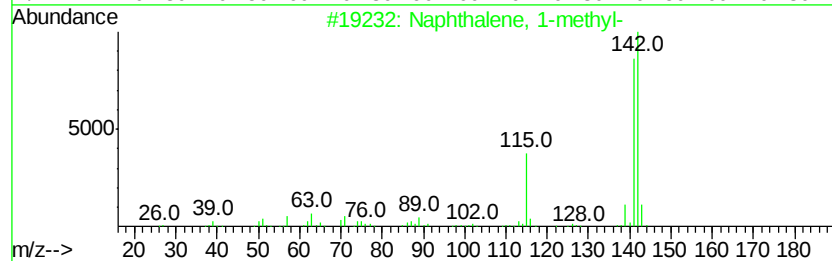
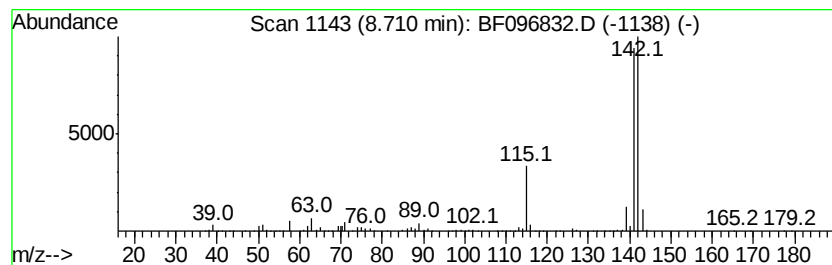
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	42.69 ng	2496610	Naphthalene-d8	7.90

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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
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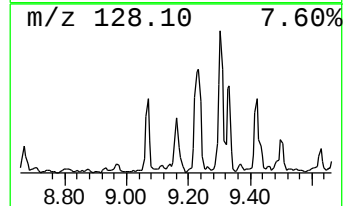
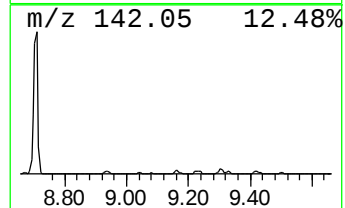
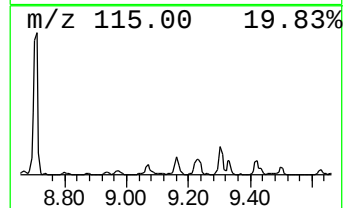
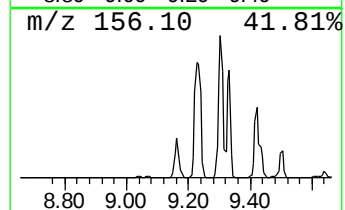
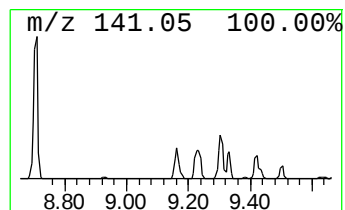
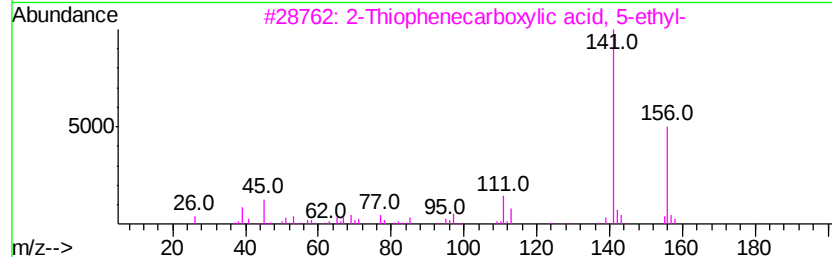
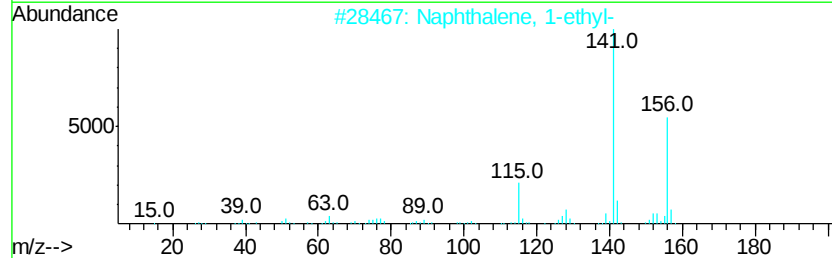
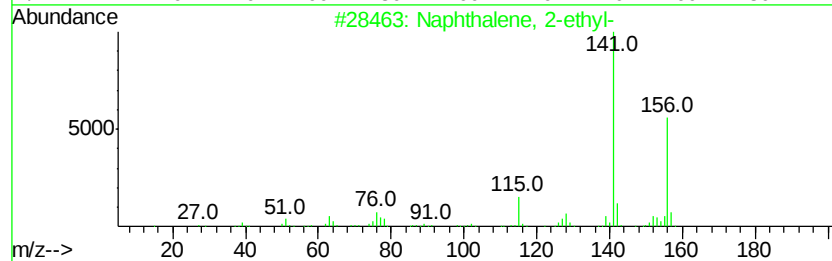
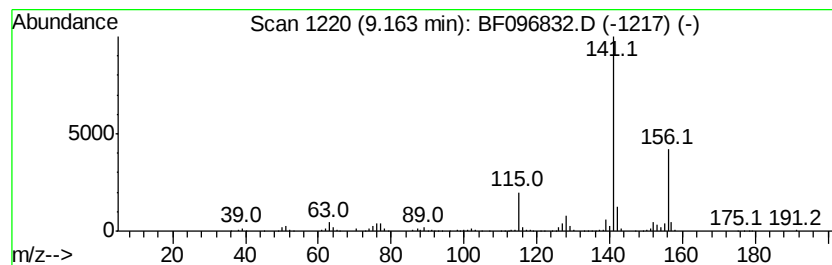
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.04 ng	486732	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156 C7H8O2S	023229-72-3 64
4		2-Amino-4-tertbutylthiazole	156 C7H12N2S	074370-93-7 59
5		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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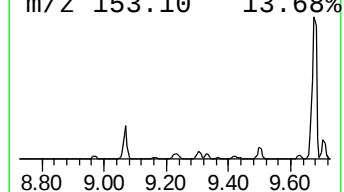
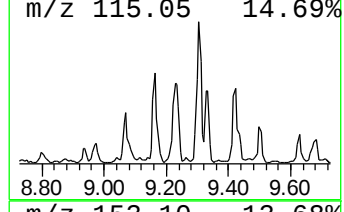
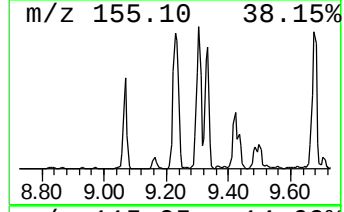
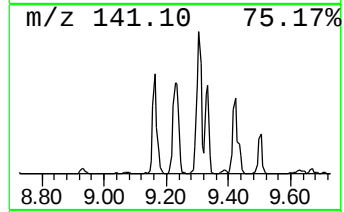
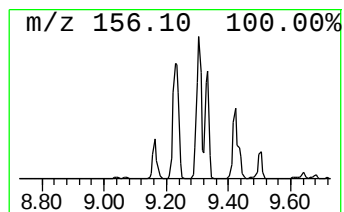
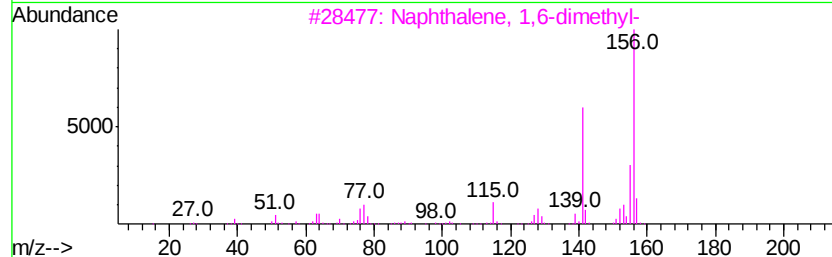
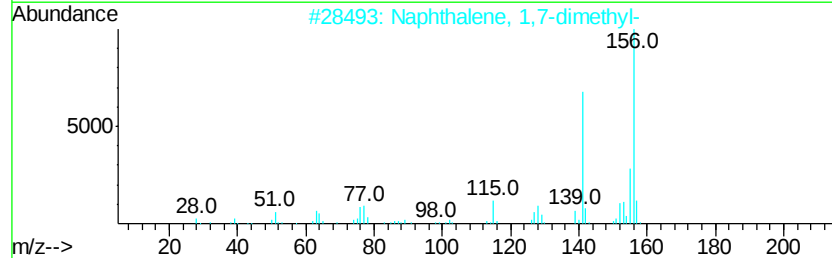
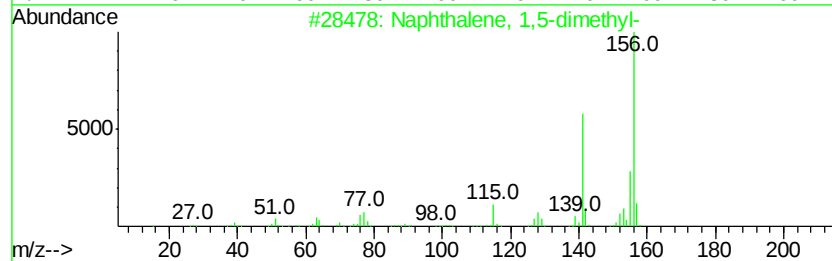
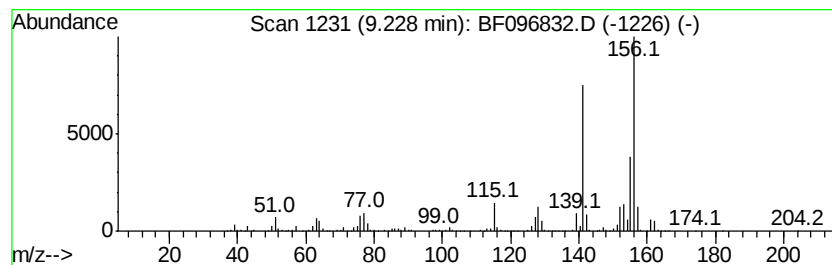
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	21.78 ng	1319210	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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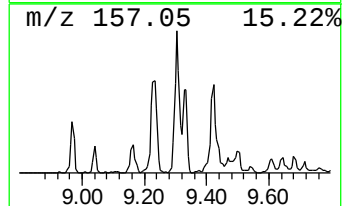
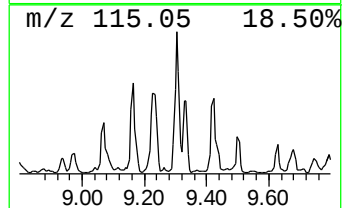
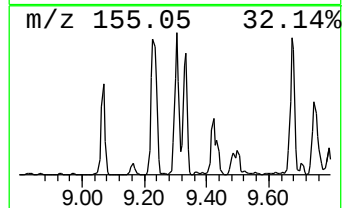
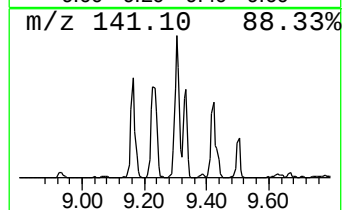
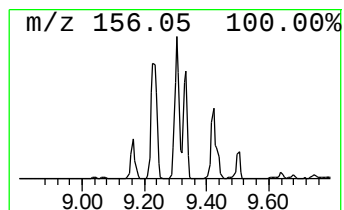
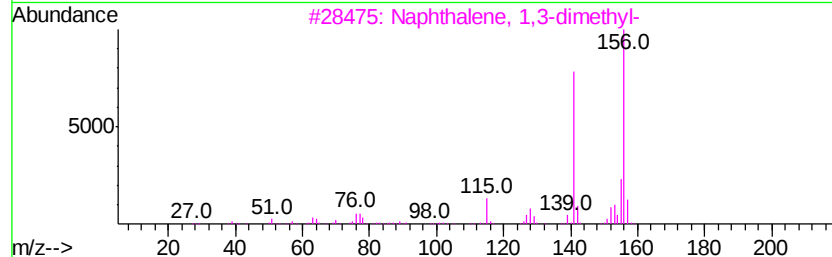
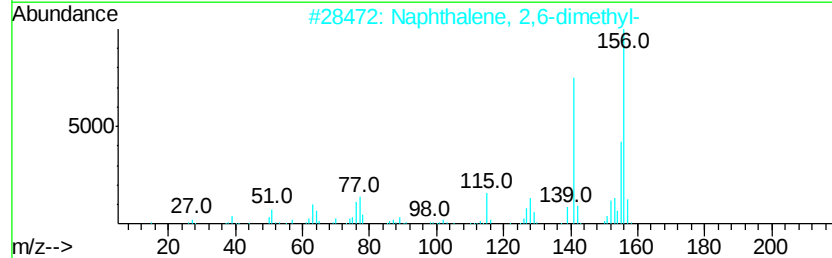
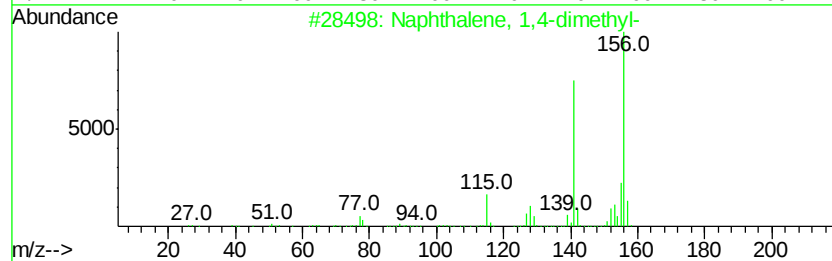
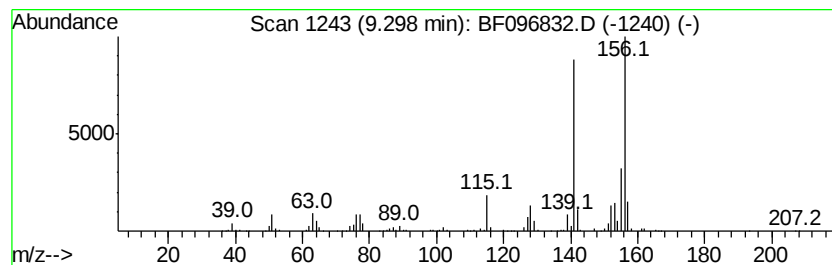
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	19.69 ng	1192450	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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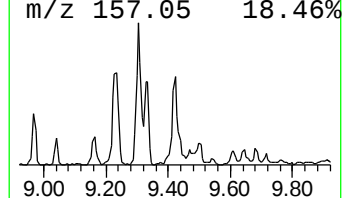
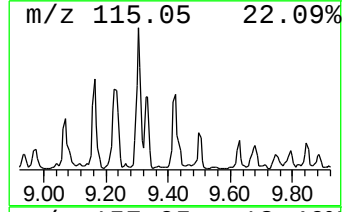
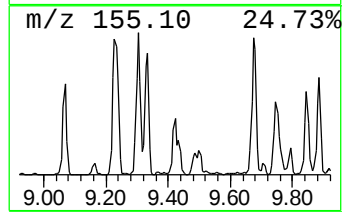
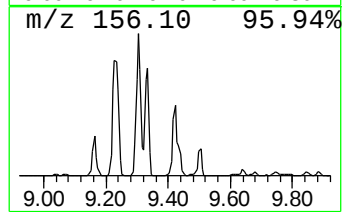
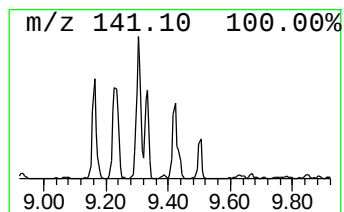
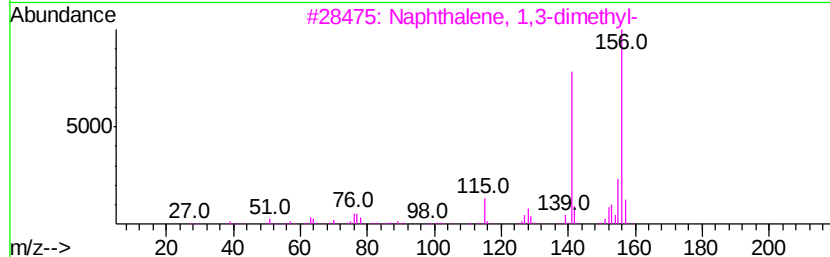
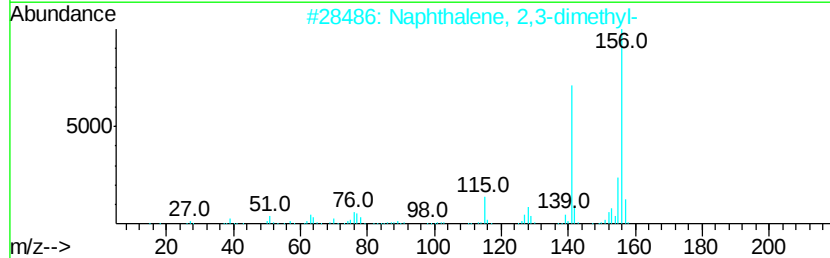
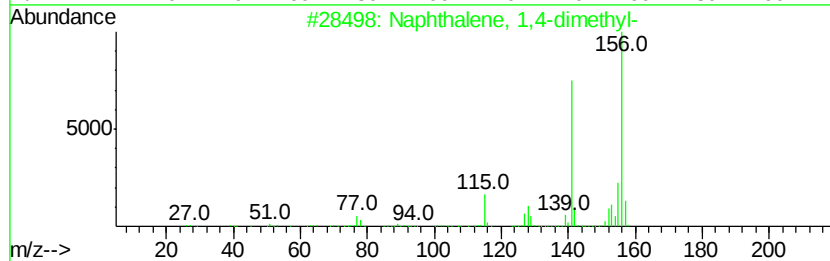
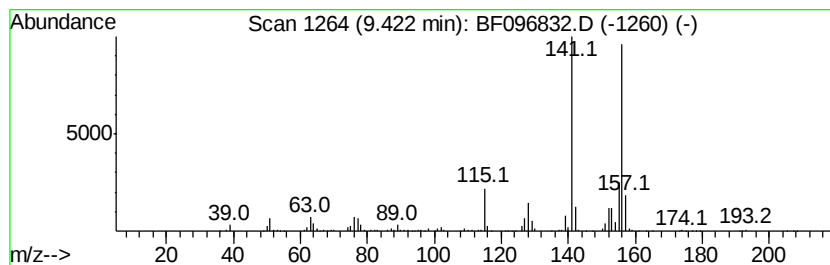
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	13.19 ng	798791	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
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ALS Vial : 24 Sample Multiplier: 1

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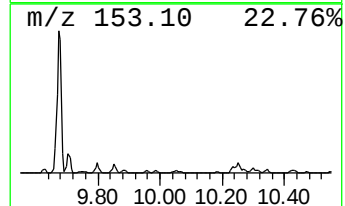
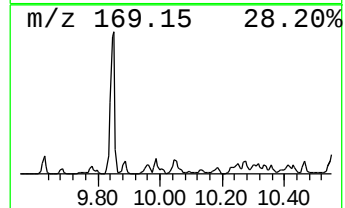
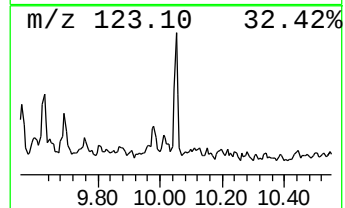
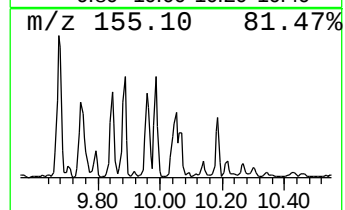
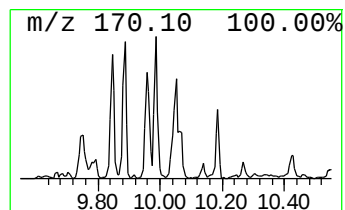
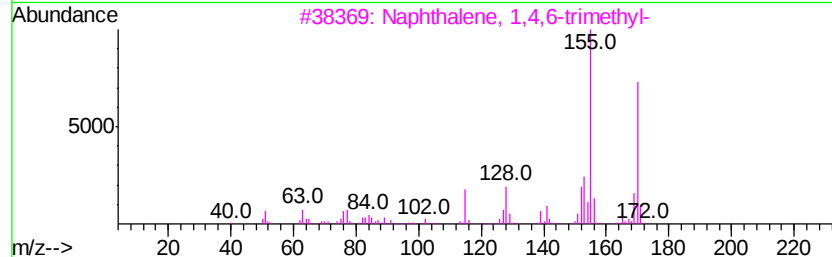
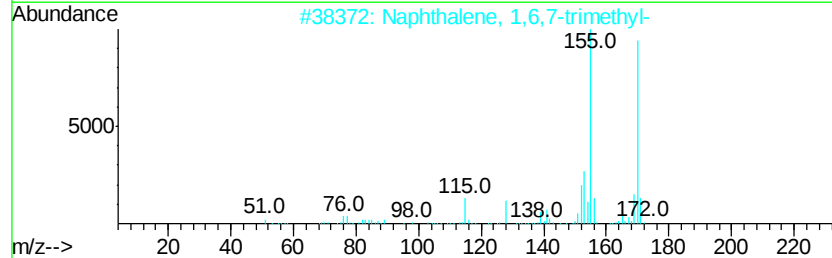
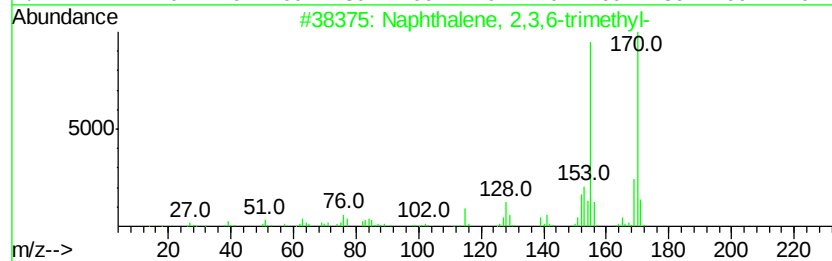
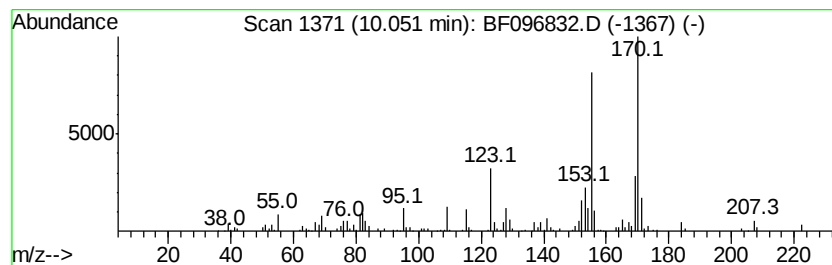
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	5.12 ng	309870	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

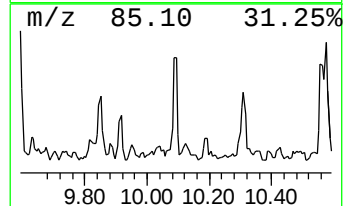
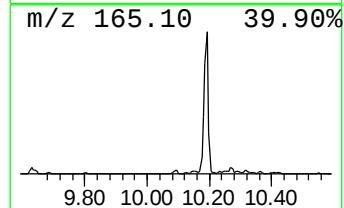
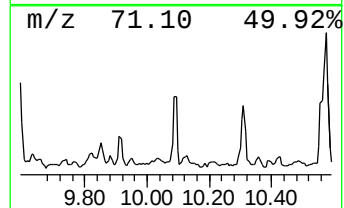
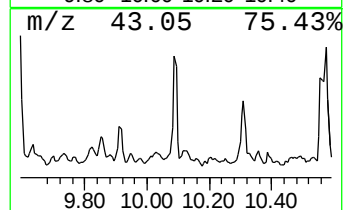
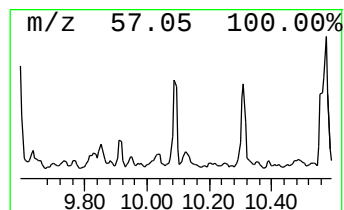
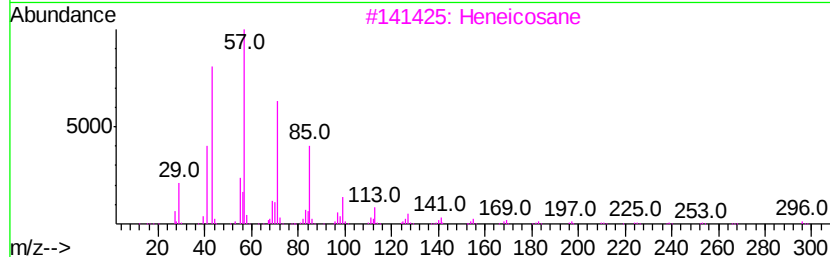
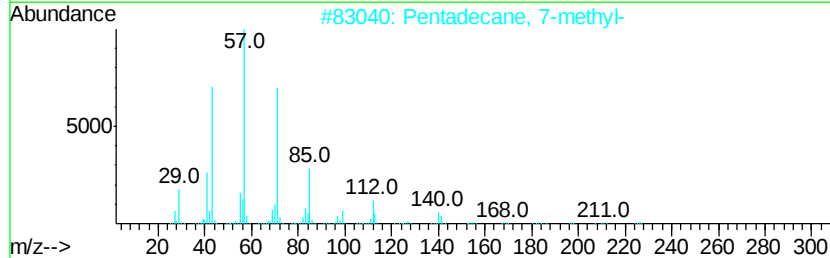
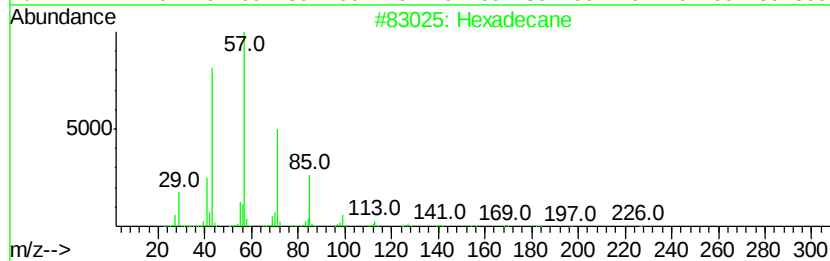
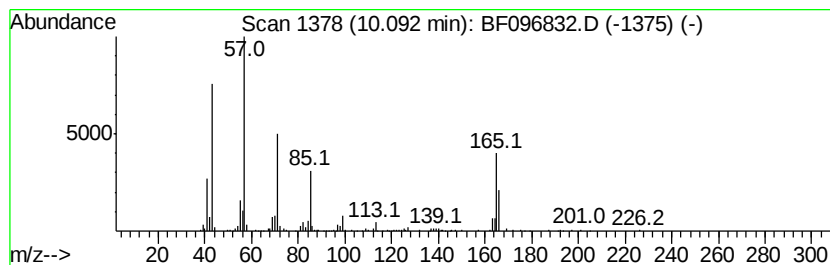
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	5.27 ng	318951	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	55
3	Heneicosane	296 C21H44	000629-94-7	43
4	Dodecane, 3-methyl-	184 C13H28	017312-57-1	43
5	Heptacosane	380 C27H56	000593-49-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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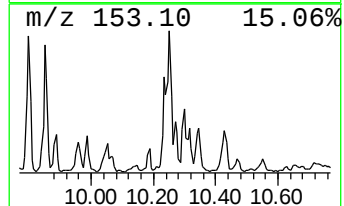
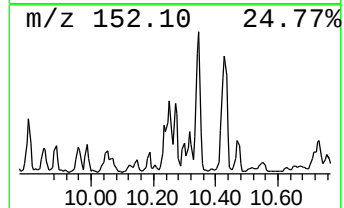
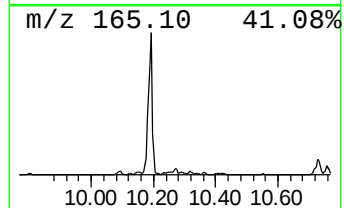
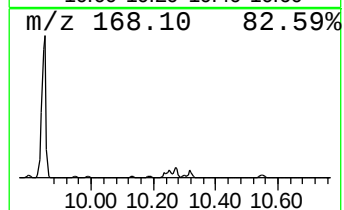
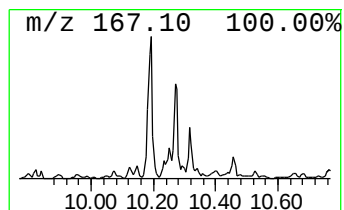
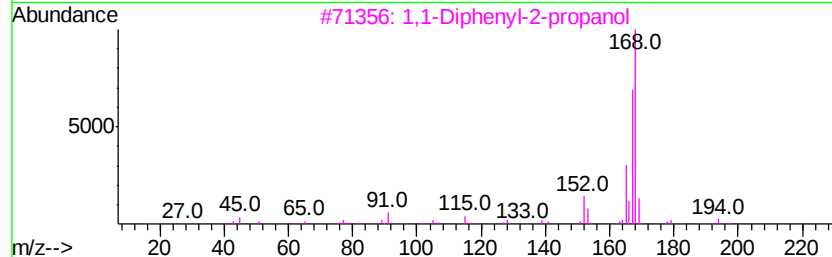
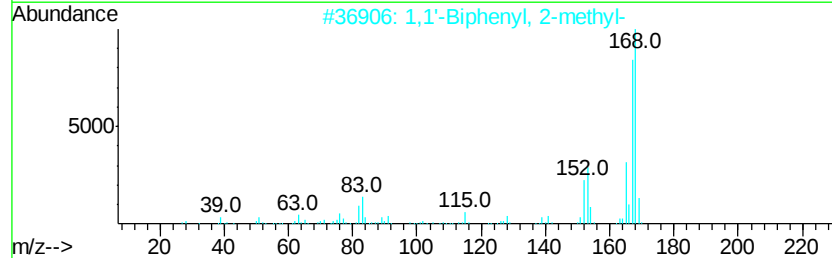
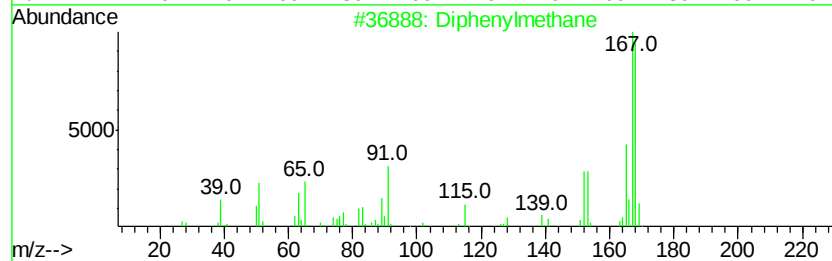
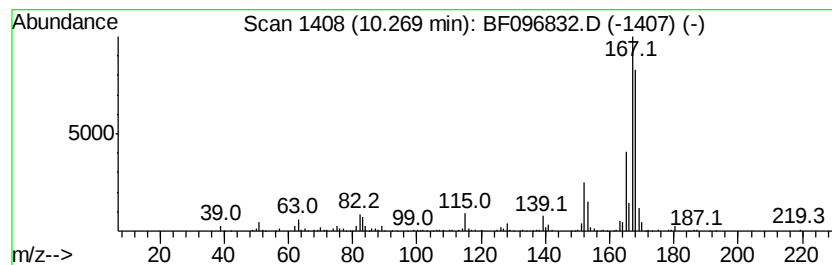
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Diphenylmethane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	4.88 ng	295752	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	90
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	72
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
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ClientSampleId :
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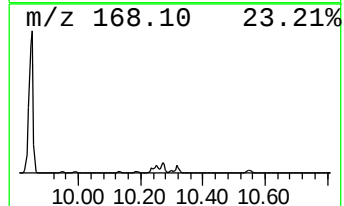
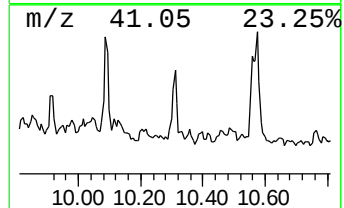
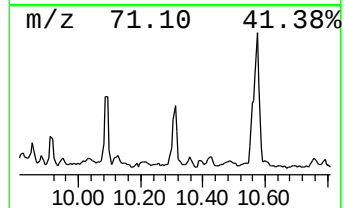
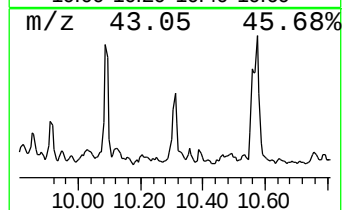
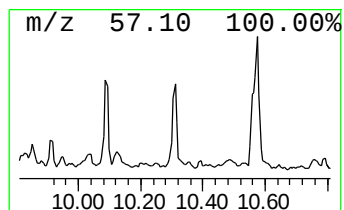
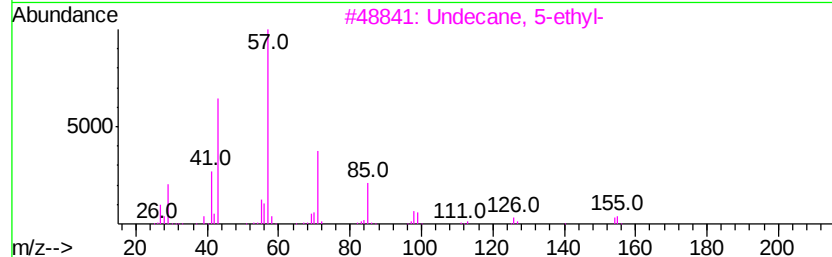
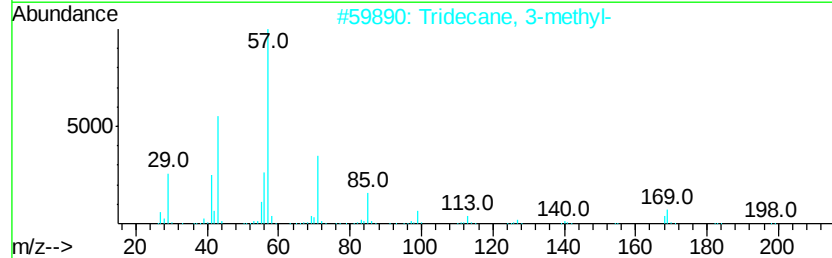
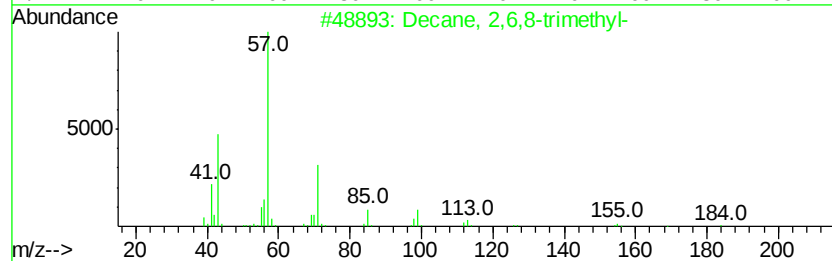
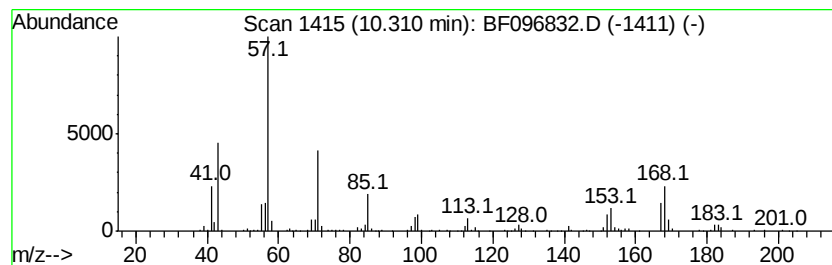
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 2,6,8-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	8.58 ng	519446	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	43
5		Decane, 2-methyl-	156	C11H24	006975-98-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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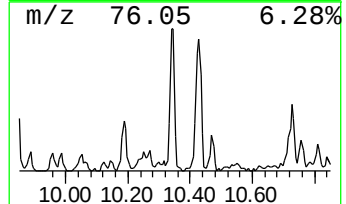
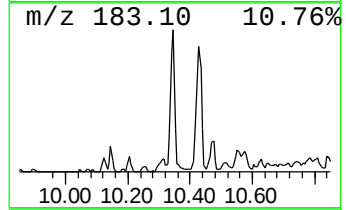
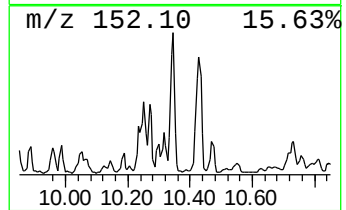
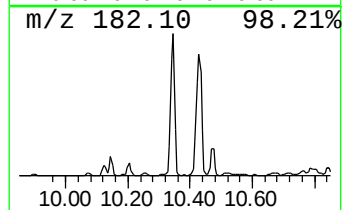
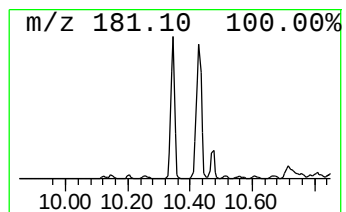
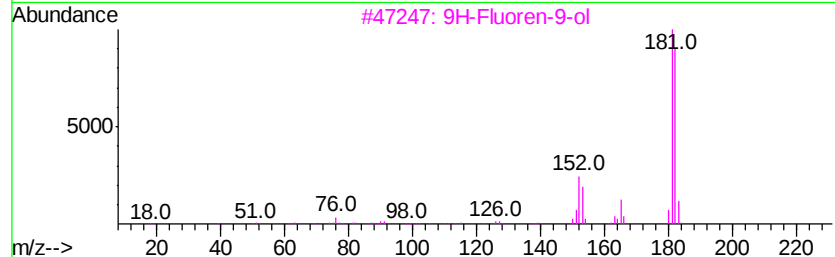
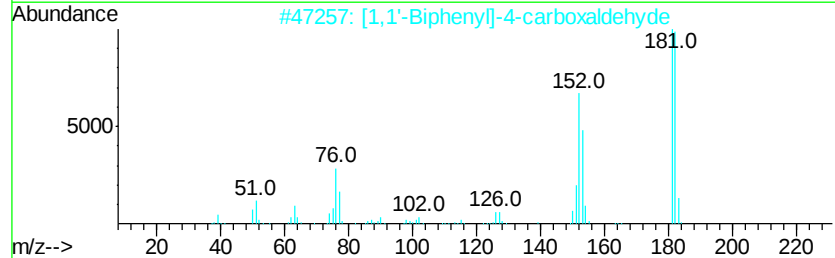
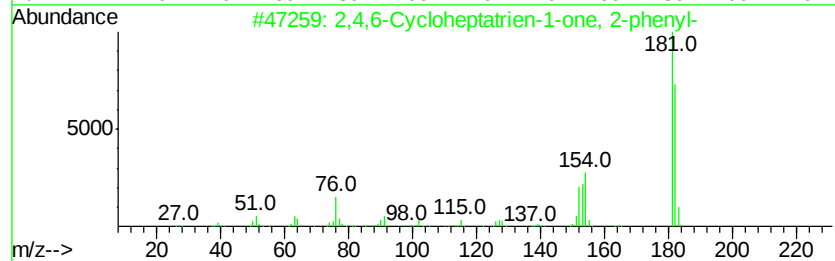
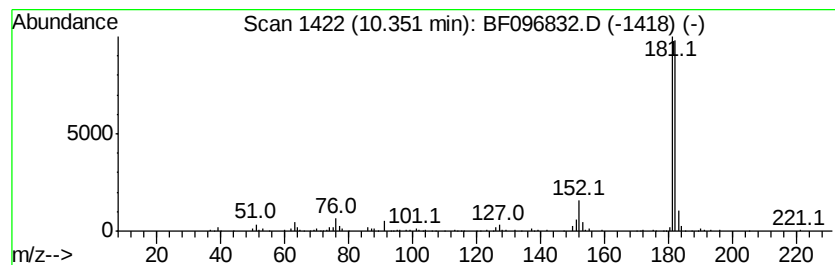
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	11.78 ng	713589	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
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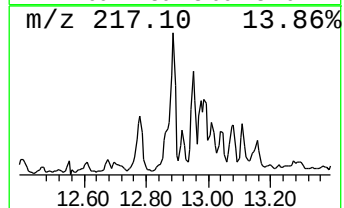
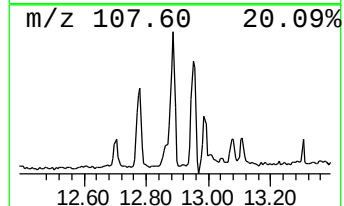
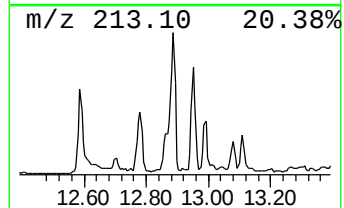
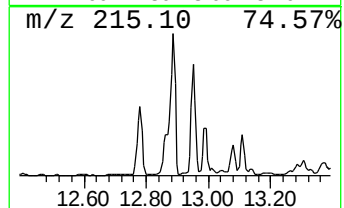
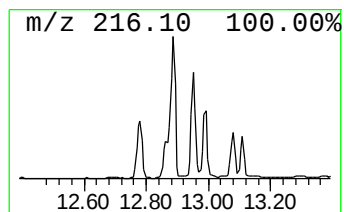
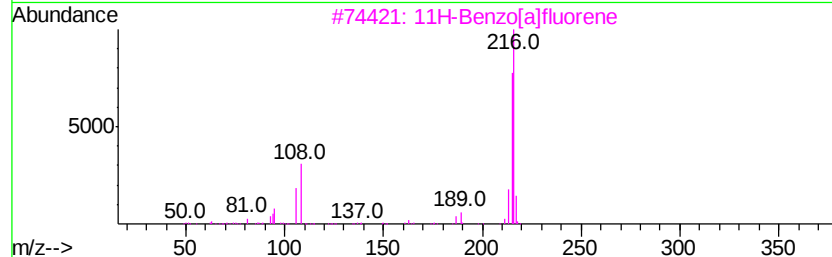
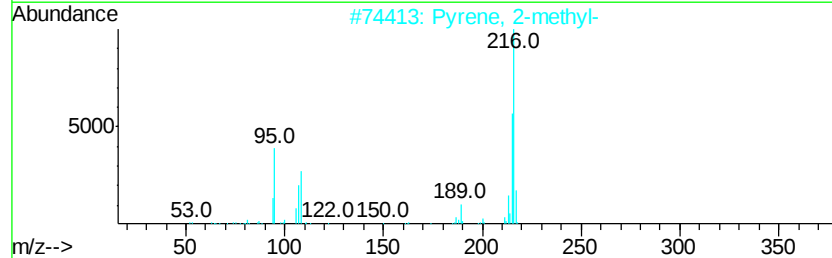
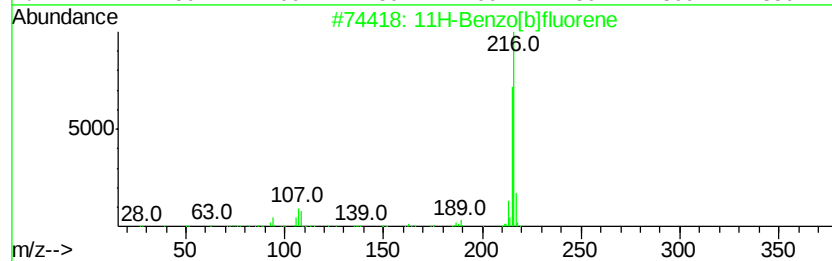
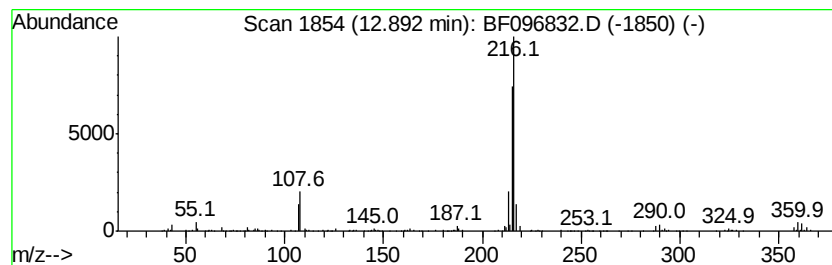
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	6.50 ng	965229	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-SB03A

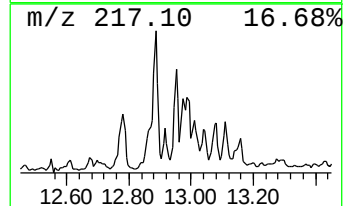
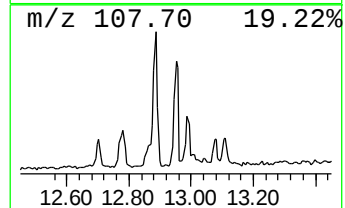
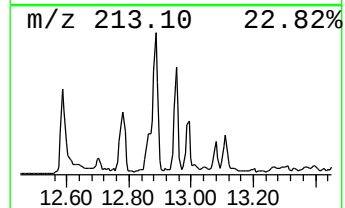
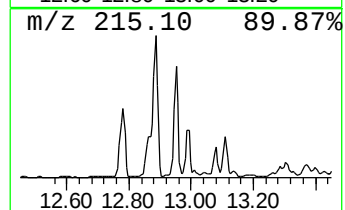
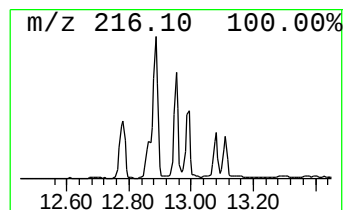
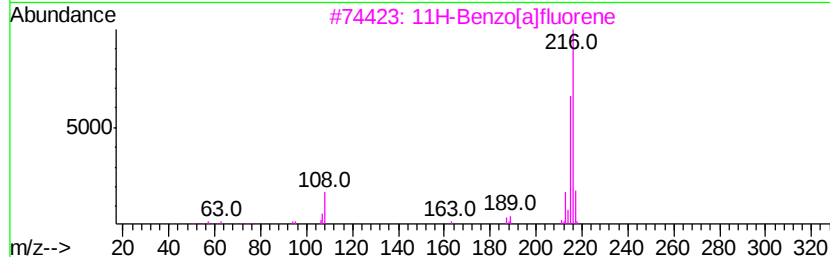
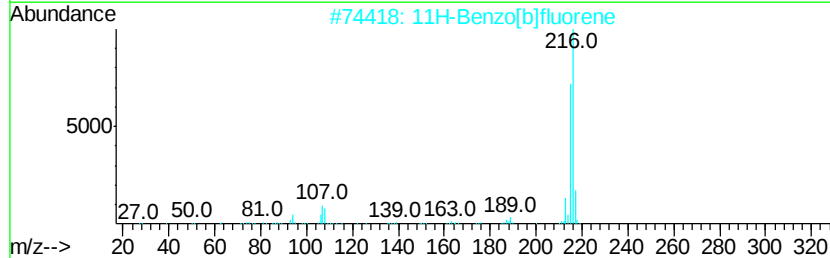
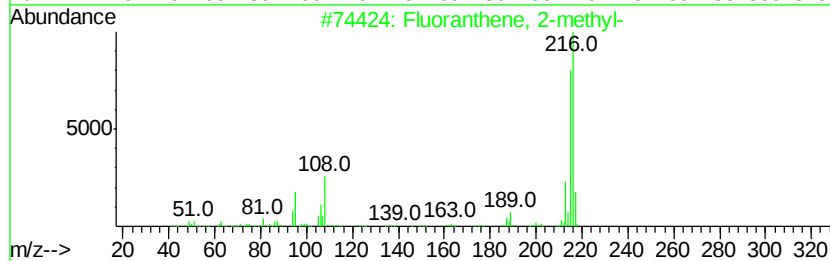
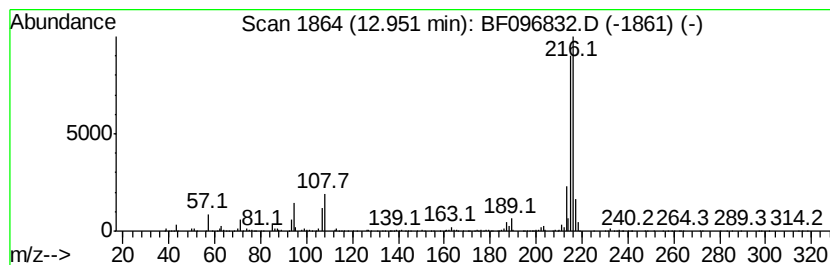
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	4.87 ng	722560	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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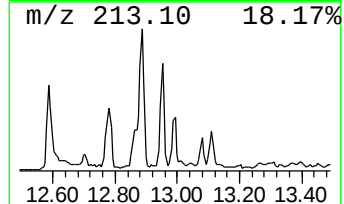
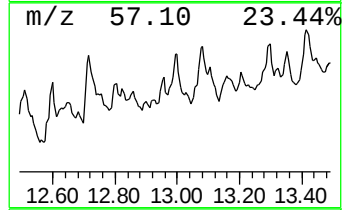
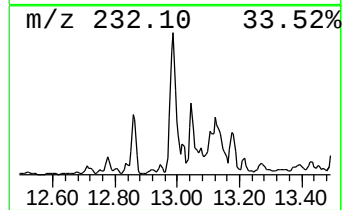
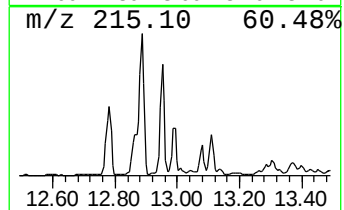
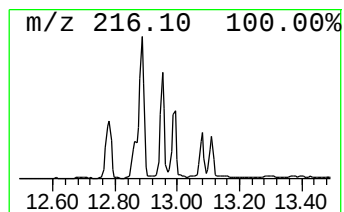
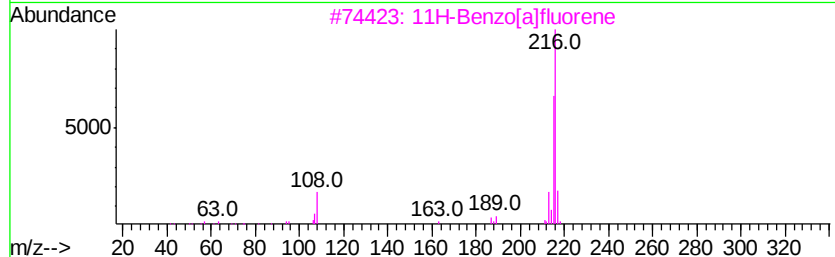
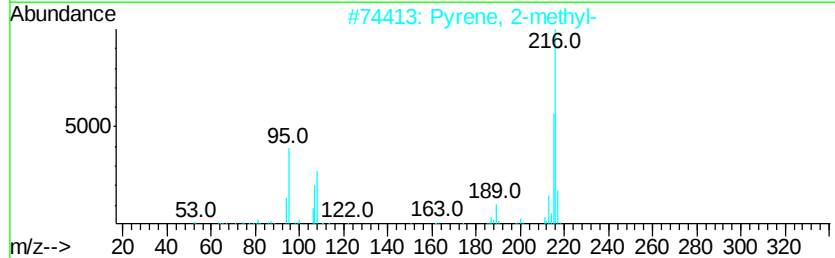
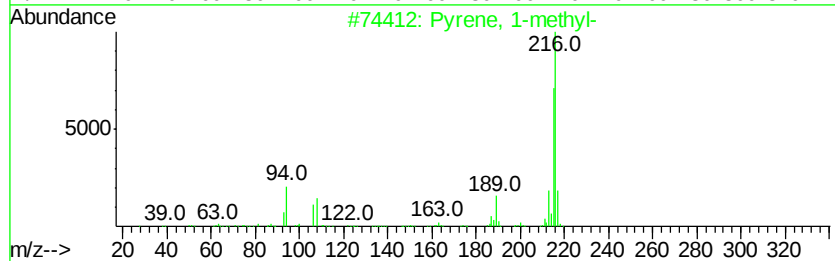
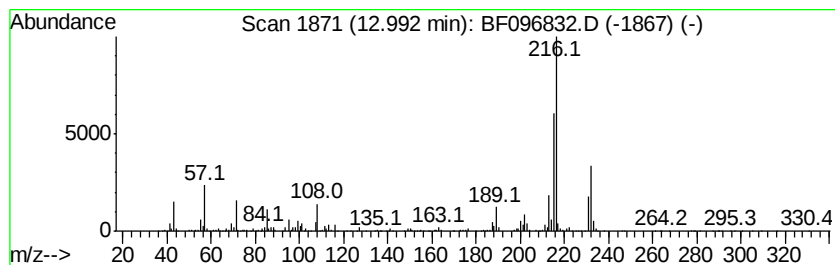
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	6.74 ng	1000510	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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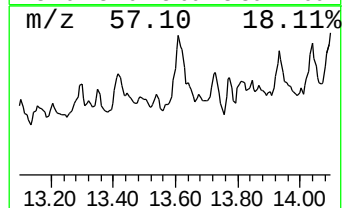
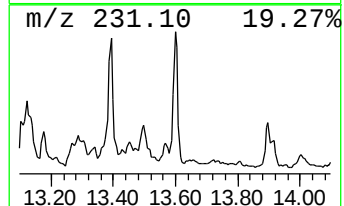
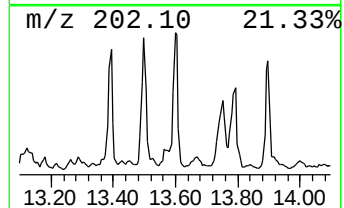
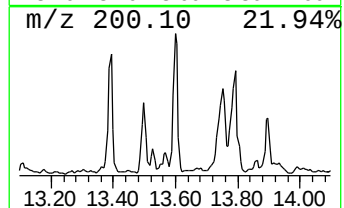
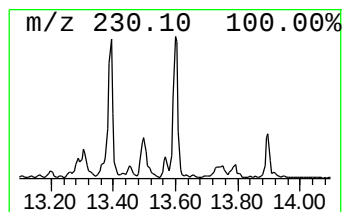
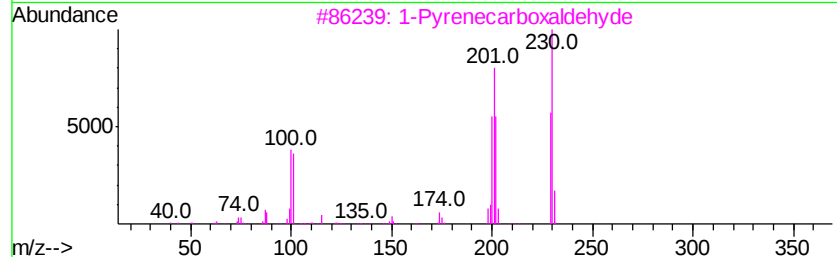
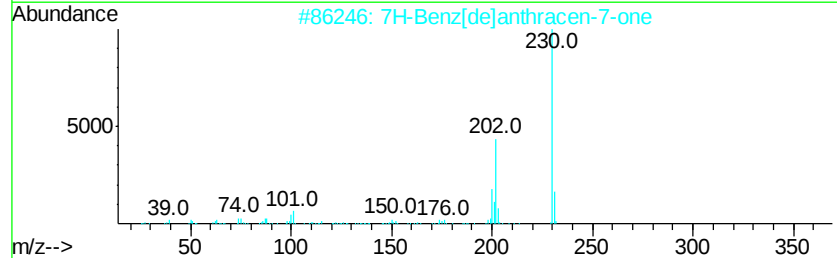
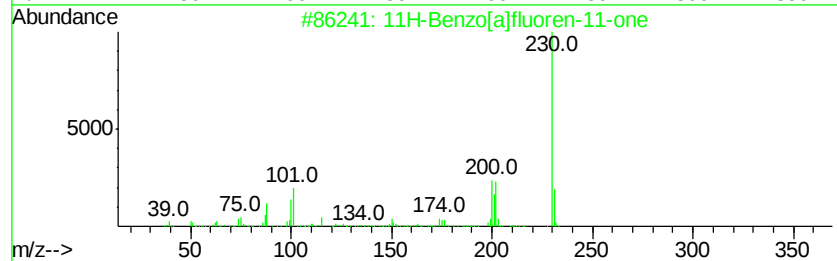
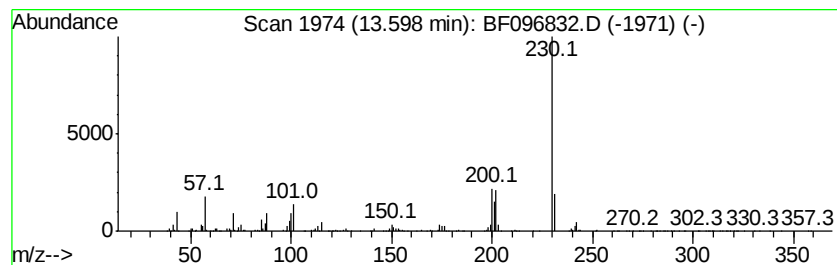
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.63 ng	835165	Chrysene-d12	13.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4			9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	53
5			4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096832.D
Acq On : 17 Jul 2017 21:09
Operator : SJ/JU
Sample : I4203-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-SB03A

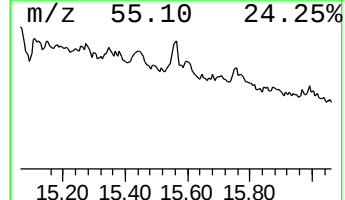
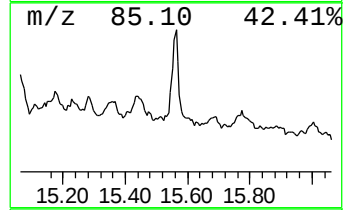
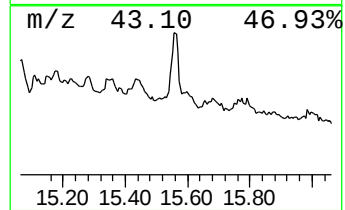
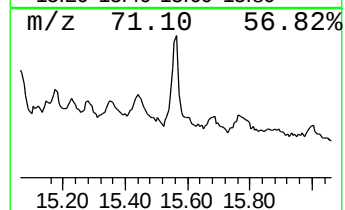
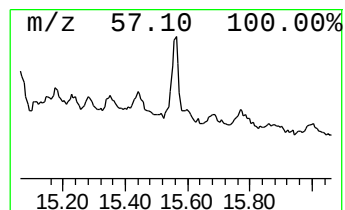
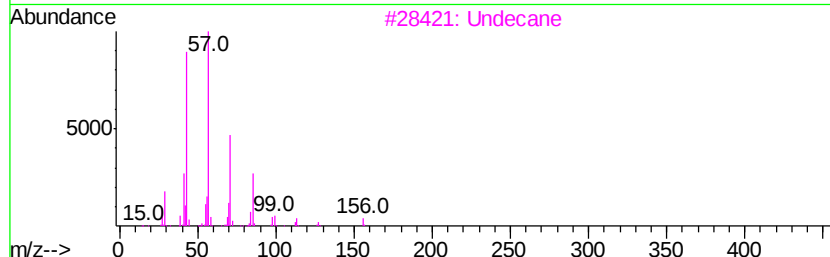
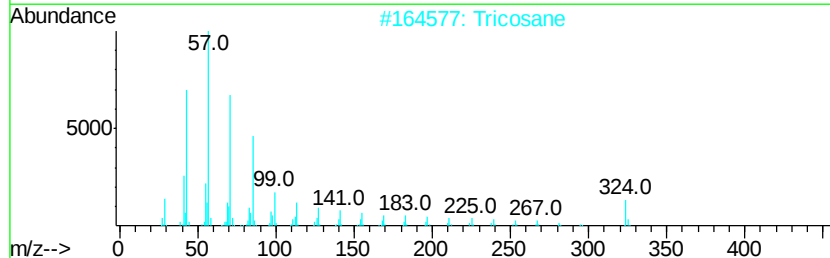
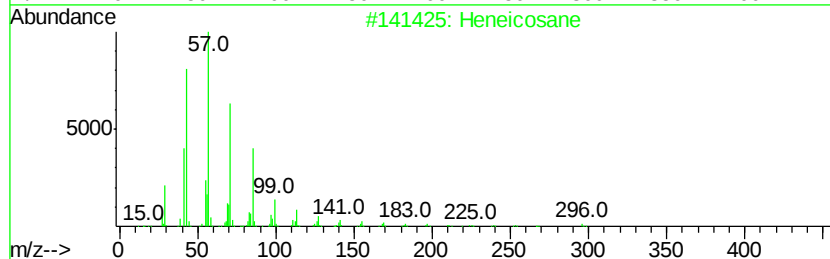
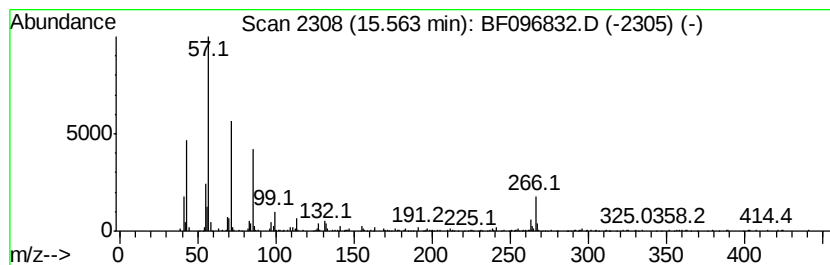
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	5.21 ng	399330	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Tricosane	324	C23H48	000638-67-5	74
3		Undecane	156	C11H24	001120-21-4	72
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096832.D
 Acq On : 17 Jul 2017 21:09
 Operator : SJ/JU
 Sample : I4203-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB03A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	8.2	ng	285059	1	6.61	693570	20.0
unknown6.39	6.39	67.9	ng	2355080	1	6.61	693570	20.0
Quinoline	8.25	6.3	ng	367515	2	7.90	1169560	20.0
Naphthalene, 1-me...	8.71	42.7	ng	2496610	2	7.90	1169560	20.0
Naphthalene, 2-et...	9.16	8.0	ng	486732	3	9.64	1211120	20.0
Naphthalene, 1,5-...	9.23	21.8	ng	1319210	3	9.64	1211120	20.0
Naphthalene, 1,4-...	9.30	19.7	ng	1192450	3	9.64	1211120	20.0
Naphthalene, 1,7-...	9.42	13.2	ng	798791	3	9.64	1211120	20.0
Naphthalene, 2,3,...	10.05	5.1	ng	309870	3	9.64	1211120	20.0
Hexadecane	10.09	5.3	ng	318951	3	9.64	1211120	20.0
Diphenylmethane	10.27	4.9	ng	295752	3	9.64	1211120	20.0
Decane, 2,6,8-tri...	10.31	8.6	ng	519446	3	9.64	1211120	20.0
2,4,6-Cycloheptat...	10.35	11.8	ng	713589	3	9.64	1211120	20.0
11H-Benzo[b]fluorene	12.89	6.5	ng	965229	5	13.76	2968610	20.0
Fluoranthene, 2-m...	12.95	4.9	ng	722560	5	13.76	2968610	20.0
Pyrene, 1-methyl-	12.99	6.7	ng	1000510	5	13.76	2968610	20.0
11H-Benzo[a]fluor...	13.60	5.6	ng	835165	5	13.76	2968610	20.0
Heneicosane	15.56	5.2	ng	399330	6	15.14	1532910	20.0