

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
 Data File : BF098130.D
 Acq On : 30 Aug 2017 00:18
 Operator : SJ/JU
 Sample : I4979-04 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF081517.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	561	rVB	616476	658699	8.83%	0.349%
2	6.363	723	727	732	rBV	688604	722285	9.68%	0.383%
3	6.433	735	739	741	rBV	2361892	2015649	27.02%	1.069%
4	6.498	748	750	754	rVB	977379	815190	10.93%	0.432%
5	6.557	756	760	763	rBV	1011364	948453	12.71%	0.503%
6	6.733	786	790	792	rBV	907525	852497	11.43%	0.452%
7	6.810	797	803	806	rBV3	732578	793867	10.64%	0.421%
8	6.886	813	816	818	rBV3	784583	810020	10.86%	0.430%
9	6.916	818	821	824	rVB	2291577	1899215	25.46%	1.007%
10	7.057	840	845	847	rBV2	479819	554378	7.43%	0.294%
11	7.128	853	857	860	rBV	570852	529510	7.10%	0.281%
12	7.275	875	882	884	rBV	835337	1022298	13.70%	0.542%
13	7.304	884	887	891	rVB2	1613272	1579550	21.17%	0.838%
14	7.380	895	900	904	rBV5	778410	855339	11.47%	0.454%
15	7.451	904	912	916	rBV5	535319	1141737	15.31%	0.605%
16	7.510	916	922	924	rBV2	873640	985179	13.21%	0.522%
17	7.645	938	945	948	rVV4	975806	1593391	21.36%	0.845%
18	7.675	948	950	951	rVV	879387	724795	9.72%	0.384%
19	7.692	951	953	959	rVV3	1481326	1993970	26.73%	1.057%
20	7.763	959	965	966	rVV3	1492667	1777139	23.82%	0.942%
21	7.780	966	968	973	rVV3	1127694	1479079	19.83%	0.784%
22	7.822	973	975	977	rVV	567863	557234	7.47%	0.295%
23	7.845	977	979	983	rVB2	742473	651482	8.73%	0.345%
24	7.963	996	999	1001	rBV3	716260	819086	10.98%	0.434%
25	7.986	1001	1003	1004	rVV2	664069	645629	8.65%	0.342%
26	8.016	1004	1008	1011	rVV2	2109034	3167795	42.47%	1.680%
27	8.045	1011	1013	1015	rVV2	2246759	2125432	28.49%	1.127%
28	8.069	1015	1017	1019	rVV	1447078	1518540	20.36%	0.805%
29	8.092	1019	1021	1023	rVV	2663172	2319824	31.10%	1.230%
30	8.116	1023	1025	1029	rVV2	970551	1066365	14.30%	0.565%
31	8.198	1037	1039	1041	rVV2	652639	507236	6.80%	0.269%
32	8.227	1041	1044	1047	rVB4	674553	605388	8.12%	0.321%
33	8.304	1051	1057	1058	rBV2	1323844	1538079	20.62%	0.816%
34	8.316	1058	1059	1062	rVV3	1326247	1197078	16.05%	0.635%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.345	1062	1064	1067	rVB2	652115	600075	8.04%	0.318%
36	8.410	1072	1075	1077	rBV	1864961	1772395	23.76%	0.940%
37	8.457	1077	1083	1087	rVV3	2545920	3252691	43.60%	1.725%
38	8.492	1087	1089	1091	rVB	1219289	891505	11.95%	0.473%
39	8.533	1093	1096	1099	rBV3	705516	814791	10.92%	0.432%
40	8.586	1100	1105	1108	rVV3	897778	1242862	16.66%	0.659%
41	8.616	1108	1110	1113	rVV3	949421	1075396	14.42%	0.570%
42	8.651	1113	1116	1120	rVV4	1197437	2051799	27.51%	1.088%
43	8.722	1124	1128	1130	rVV3	1330192	1465141	19.64%	0.777%
44	8.769	1133	1136	1137	rBV	576854	540976	7.25%	0.287%
45	8.786	1137	1139	1141	rVV2	599191	586282	7.86%	0.311%
46	8.851	1144	1150	1152	rVV	3997211	5927482	79.46%	3.143%
47	8.874	1152	1154	1157	rVV3	1355185	1334962	17.90%	0.708%
48	8.933	1160	1164	1169	rVV5	1194787	2073887	27.80%	1.100%
49	8.975	1169	1171	1173	rVB	988336	722148	9.68%	0.383%
50	9.022	1174	1179	1181	rBV3	700270	1074377	14.40%	0.570%
51	9.057	1181	1185	1188	rVB3	2479915	2710392	36.33%	1.437%
52	9.204	1204	1210	1212	rVB5	856212	1237179	16.58%	0.656%
53	9.251	1215	1218	1220	rVB2	757042	831471	11.15%	0.441%
54	9.280	1220	1223	1225	rBV3	474952	546161	7.32%	0.290%
55	9.310	1225	1228	1232	rVB	1525193	1585720	21.26%	0.841%
56	9.380	1234	1240	1242	rBV	2850959	4677675	62.71%	2.481%
57	9.463	1246	1254	1258	rVV	3403097	7459646	100.00%	3.956%
58	9.516	1258	1263	1265	rVB2	2837198	3239766	43.43%	1.718%
59	9.569	1268	1272	1277	rVB	2450317	3666472	49.15%	1.944%
60	9.651	1283	1286	1289	rVB	2372224	2268532	30.41%	1.203%
61	9.780	1302	1308	1311	rVV4	1518647	3111739	41.71%	1.650%
62	9.833	1311	1317	1319	rVV2	3940203	7058042	94.62%	3.743%
63	9.898	1323	1328	1332	rVV2	1961310	3597197	48.22%	1.908%
64	9.945	1332	1336	1339	rVV3	2371393	3477013	46.61%	1.844%
65	9.998	1341	1345	1348	rVV2	3518979	5308077	71.16%	2.815%
66	10.039	1348	1352	1359	rVB3	2849670	4863724	65.20%	2.579%
67	10.110	1359	1364	1366	rBV	2355512	2854998	38.27%	1.514%
68	10.133	1366	1368	1371	rVV	1923298	1910853	25.62%	1.013%
69	10.198	1375	1379	1380	rVV2	1857453	2323939	31.15%	1.232%
70	10.216	1380	1382	1384	rVB	1809201	1368156	18.34%	0.726%
71	10.274	1390	1392	1394	rBV2	742836	787090	10.55%	0.417%

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72	10.345	1399	1404	1408	rBV3	3135315	5301122	71.06%	2.811%
73	10.392	1408	1412	1413	rBV2	979650	1168023	15.66%	0.619%
74	10.427	1416	1418	1420	rVV2	2460336	2985914	40.03%	1.583%
75	10.474	1424	1426	1427	rVV	1100999	951366	12.75%	0.505%
76	10.498	1427	1430	1433	rVB2	2442553	3024413	40.54%	1.604%
77	10.533	1433	1436	1437	rBV3	610646	622392	8.34%	0.330%
78	10.557	1438	1440	1441	rBV	707934	559763	7.50%	0.297%
79	10.580	1441	1444	1447	rVB	1528064	1907678	25.57%	1.012%
80	10.716	1462	1467	1473	rVB2	2895223	4338937	58.17%	2.301%
81	10.886	1491	1496	1498	rBV3	1266568	1787470	23.96%	0.948%
82	10.916	1498	1501	1506	rVV3	1070000	1386345	18.58%	0.735%
83	10.968	1508	1510	1512	rVB	1284839	997239	13.37%	0.529%
84	10.998	1512	1515	1516	rBV	697389	696559	9.34%	0.369%
85	11.033	1516	1521	1526	rBV4	1129904	1702586	22.82%	0.903%
86	11.127	1534	1537	1539	rBV2	706270	805144	10.79%	0.427%
87	11.180	1542	1546	1551	rVB2	2452828	3693507	49.51%	1.959%
88	11.316	1561	1569	1572	rBV	2620907	6200375	83.12%	3.288%
89	11.363	1573	1577	1579	rVB	2056298	2149984	28.82%	1.140%
90	11.527	1602	1605	1610	rVB3	1025717	1208597	16.20%	0.641%
91	11.774	1645	1647	1650	rBV	953667	985437	13.21%	0.523%
92	11.804	1650	1652	1656	rVB	1366493	1301203	17.44%	0.690%
93	11.892	1664	1667	1669	rBV	1402624	1397059	18.73%	0.741%
94	12.068	1695	1697	1700	rVB2	707937	530294	7.11%	0.281%
95	12.221	1719	1723	1726	rBV	1598715	1796818	24.09%	0.953%
96	12.492	1765	1769	1772	rVB	2192739	2614226	35.04%	1.386%
97	12.539	1772	1777	1781	rVB	2054904	2784804	37.33%	1.477%
98	12.721	1802	1808	1812	rBV2	2039212	3192781	42.80%	1.693%
99	13.898	2004	2008	2011	rBV2	779180	1149316	15.41%	0.609%
100	15.315	2245	2249	2253	rBV	454002	552895	7.41%	0.293%

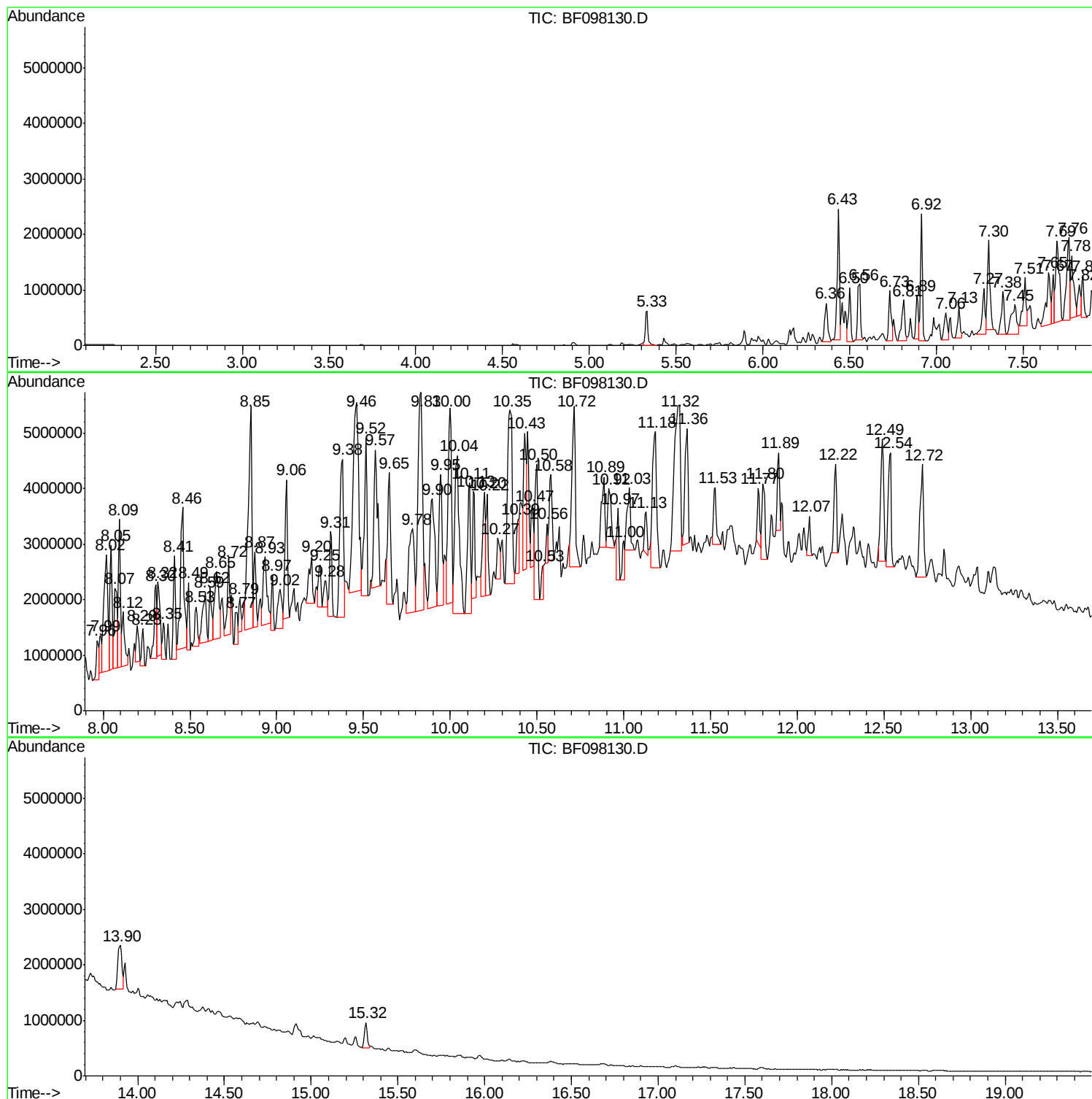
Sum of corrected areas: 188574266

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.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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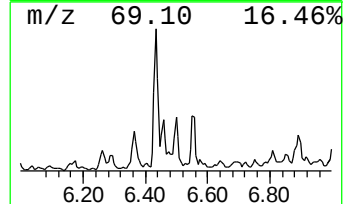
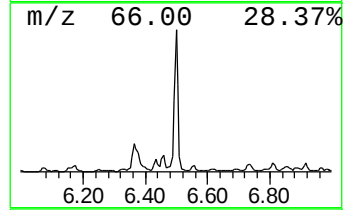
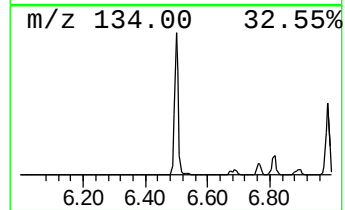
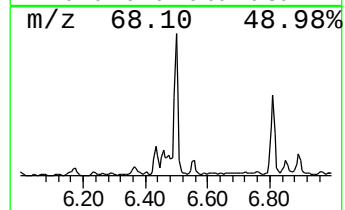
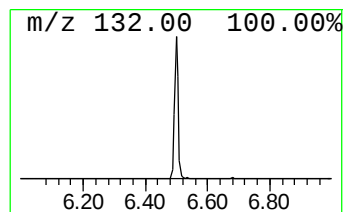
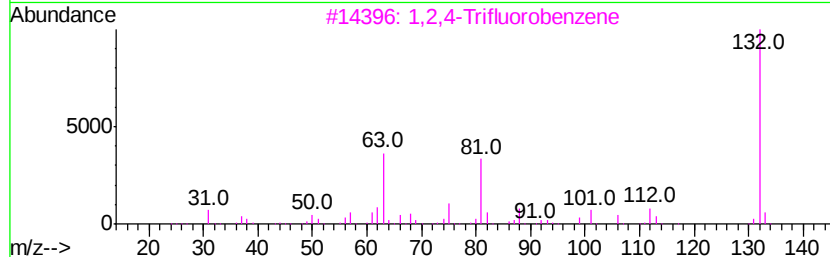
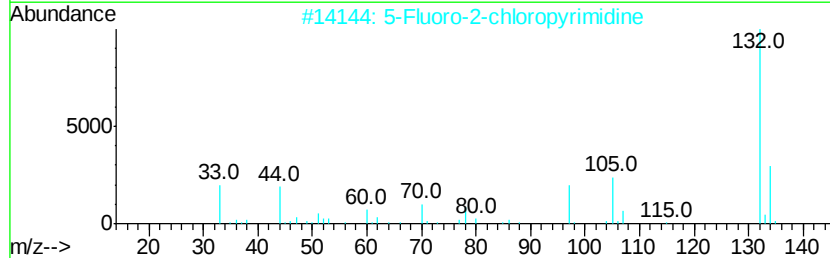
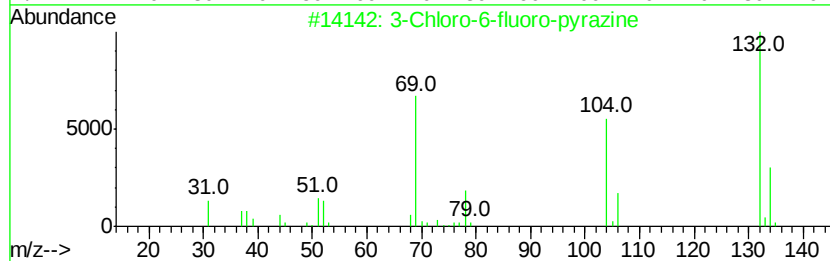
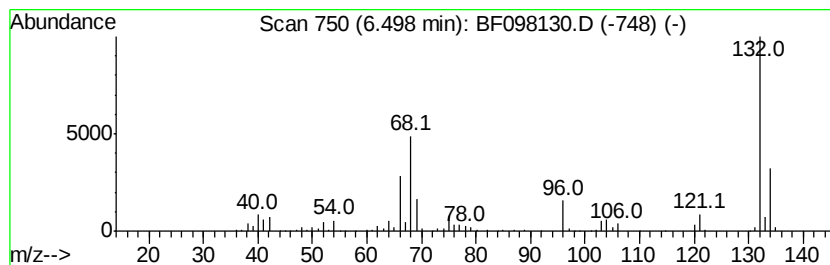
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	19.12 ng	815190	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5		Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	1,2,4		Trifluorobenzene	132	C6H3F3	000367-23-7	10
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	1,3,5		Trifluorobenzene	132	C6H3F3	000372-38-3	10



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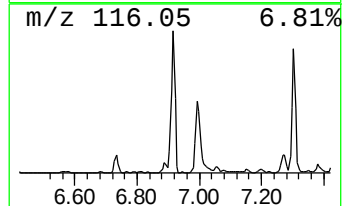
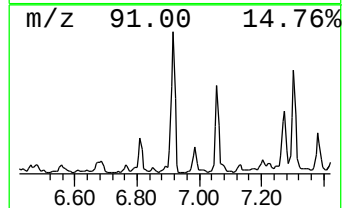
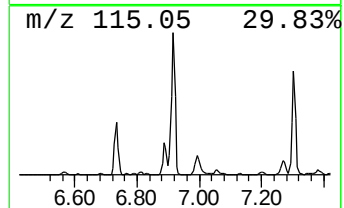
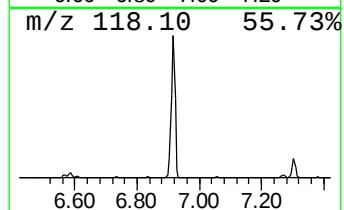
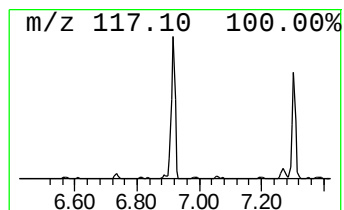
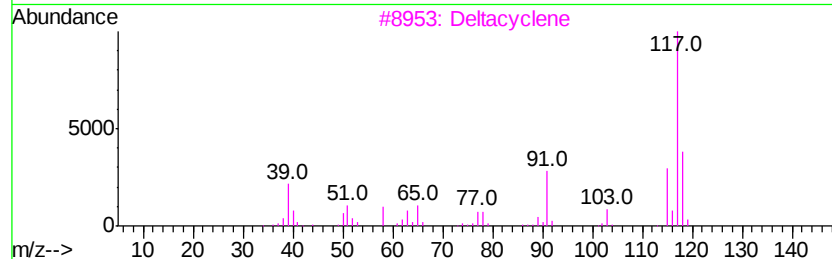
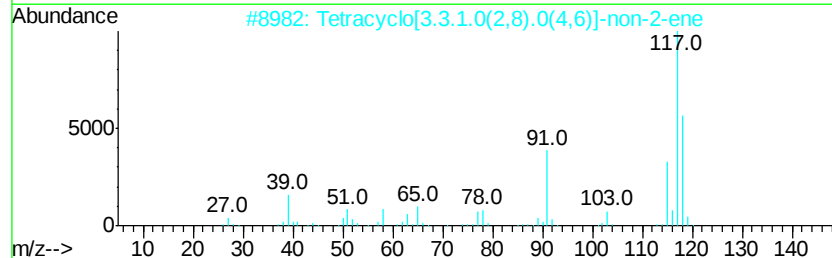
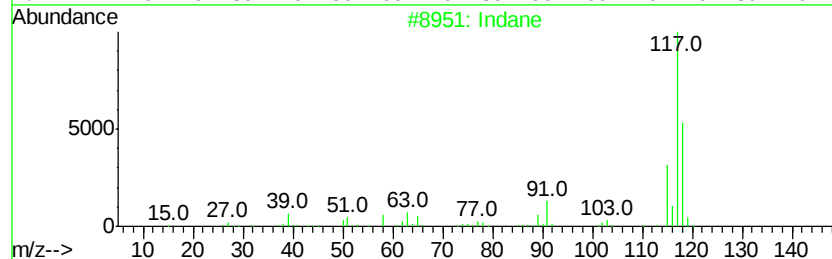
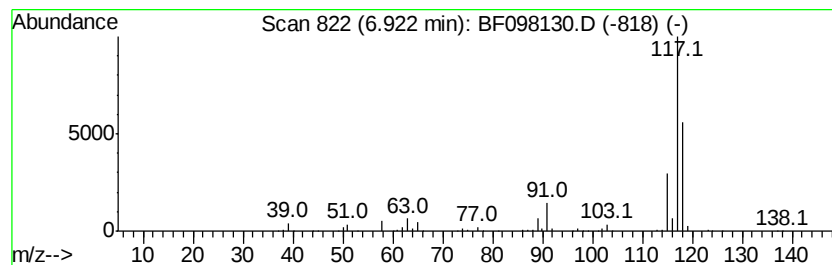
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	44.56 ng	1899220	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



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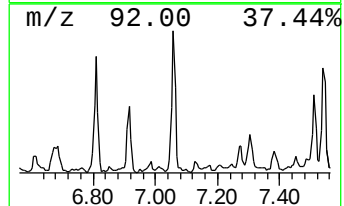
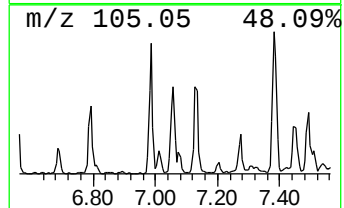
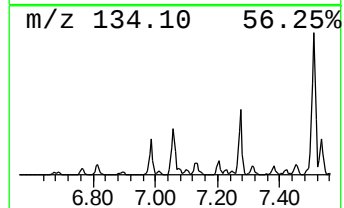
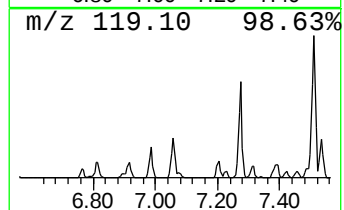
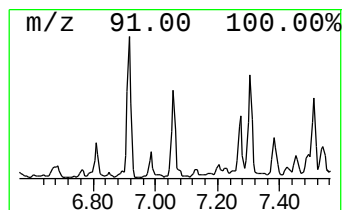
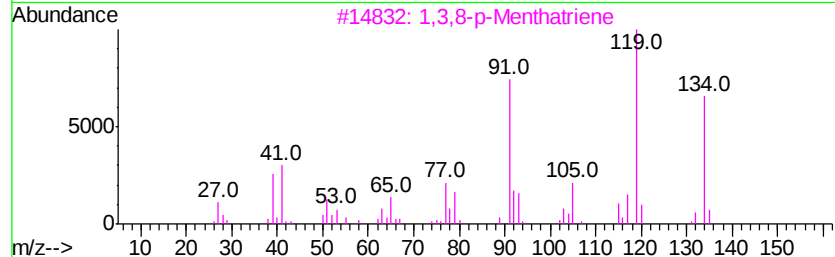
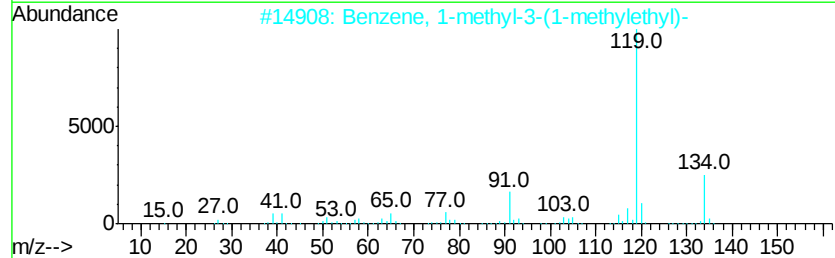
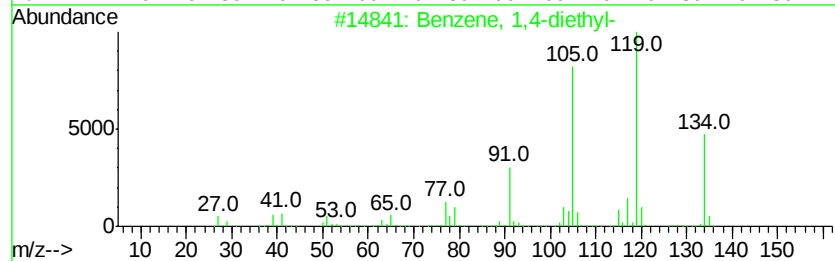
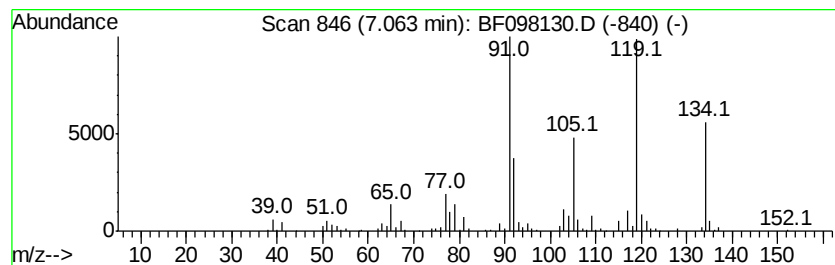
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	13.01 ng	554378	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2			Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	87
3			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5			p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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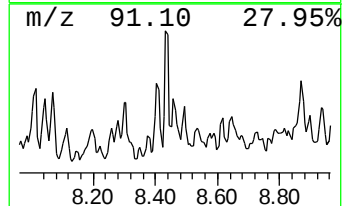
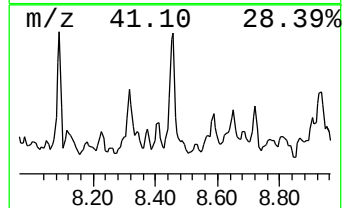
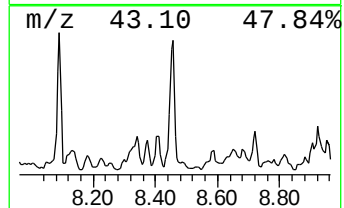
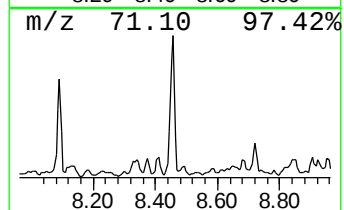
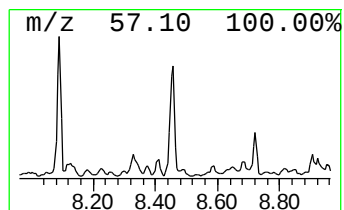
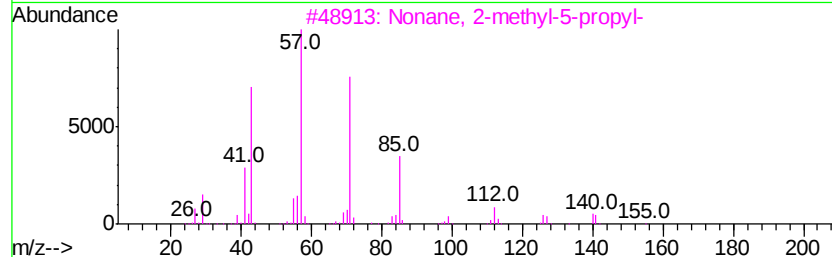
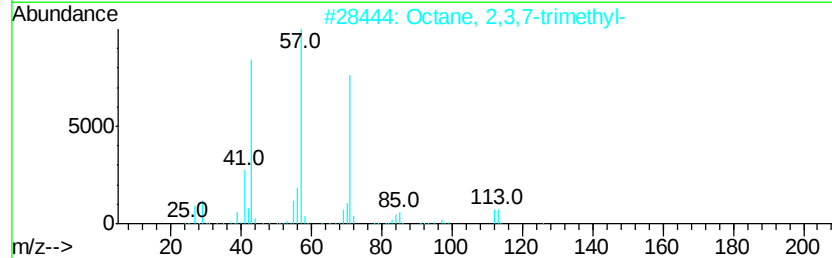
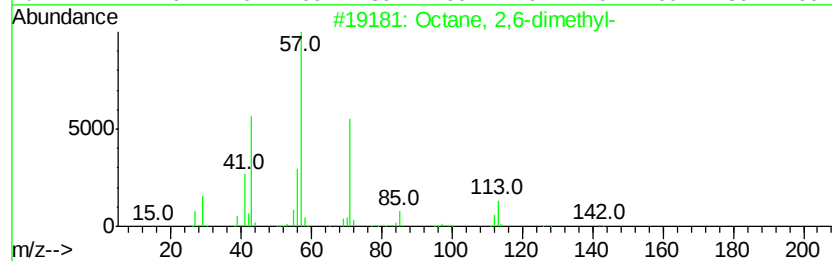
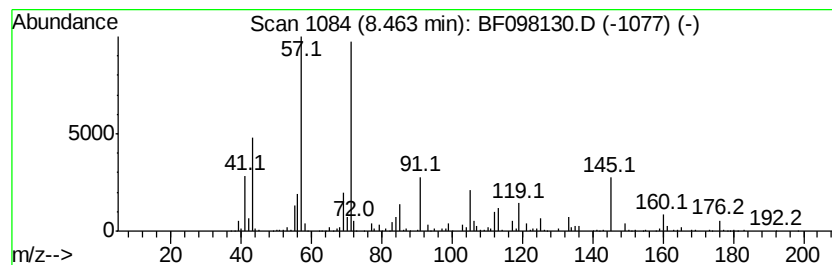
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	20.54 ng	3252690	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
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ClientSampleId :
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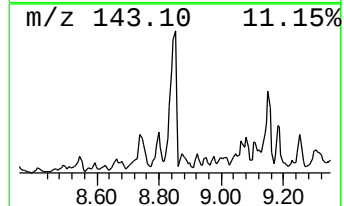
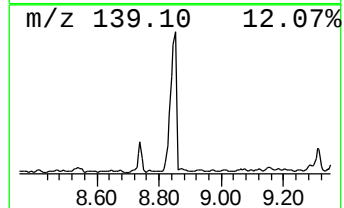
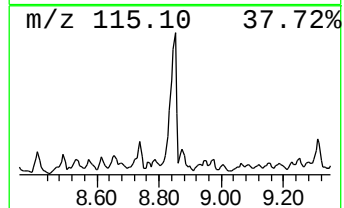
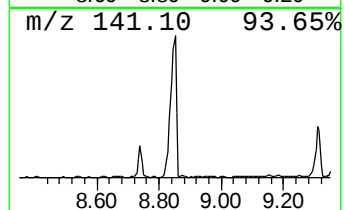
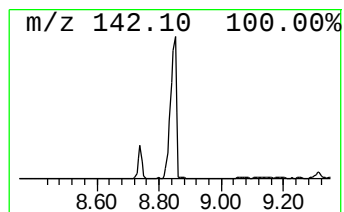
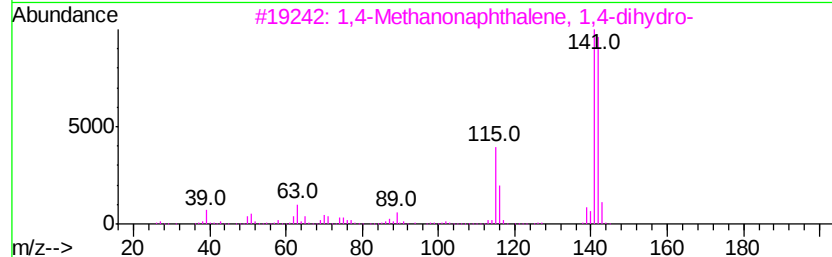
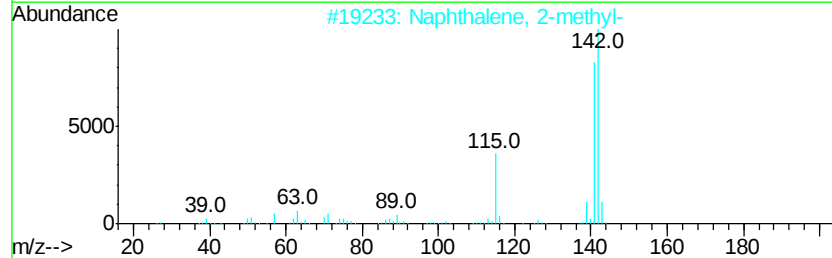
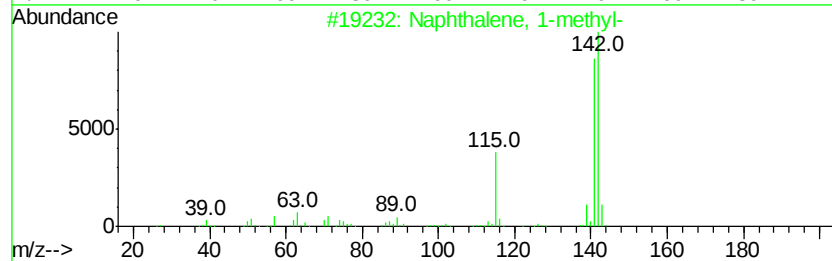
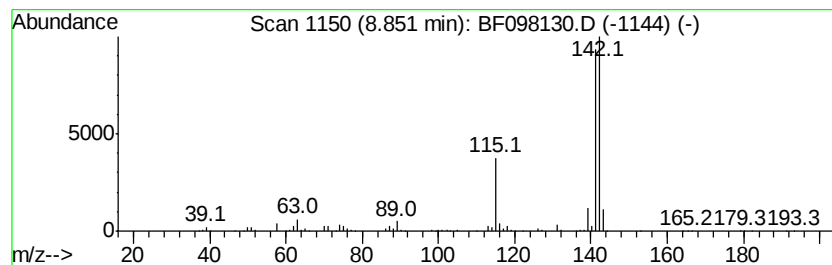
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	37.42 ng	5927480	Naphthalene-d8	8.02

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		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
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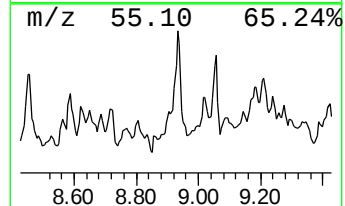
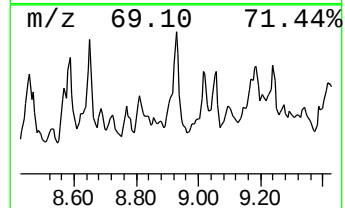
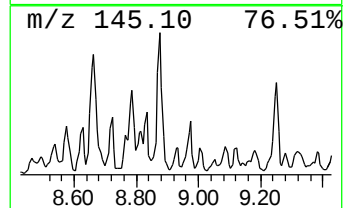
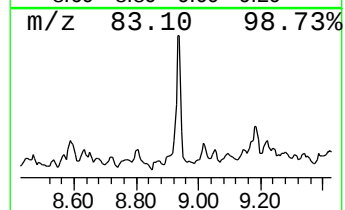
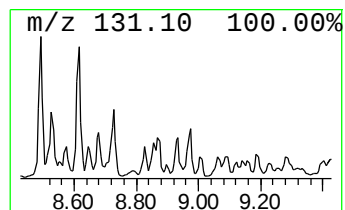
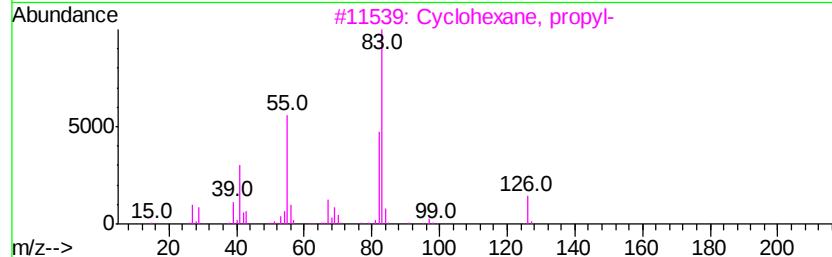
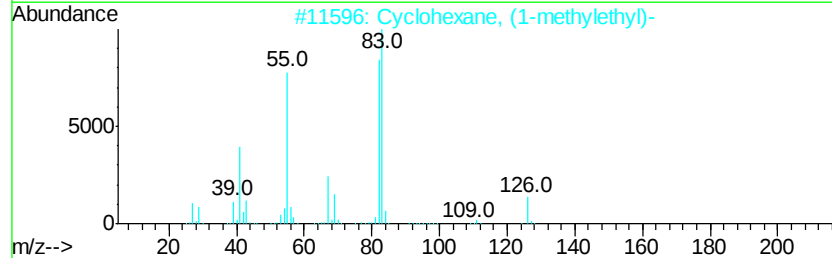
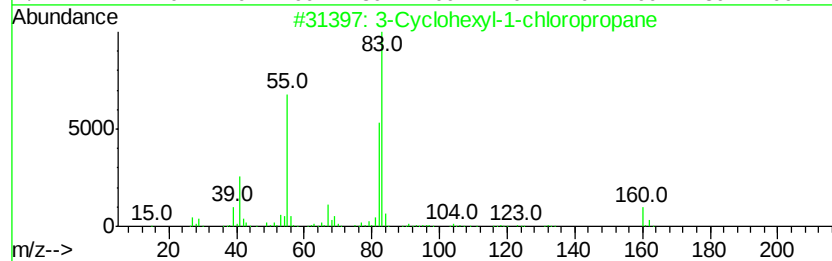
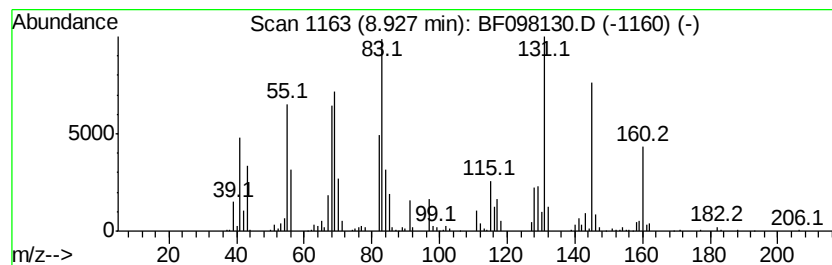
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	13.33 ng	2073890	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	49
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
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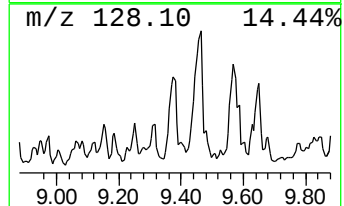
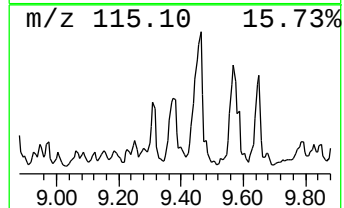
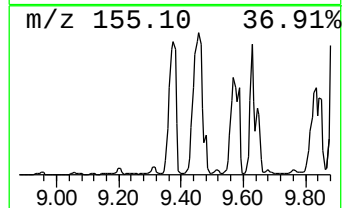
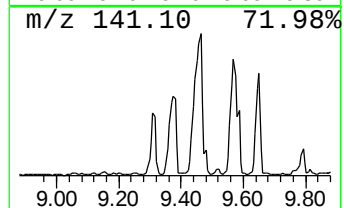
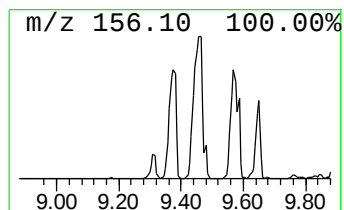
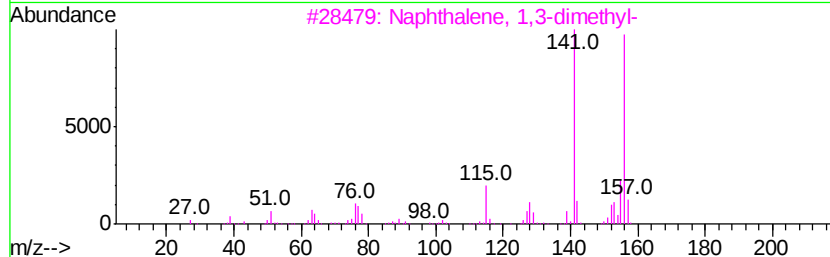
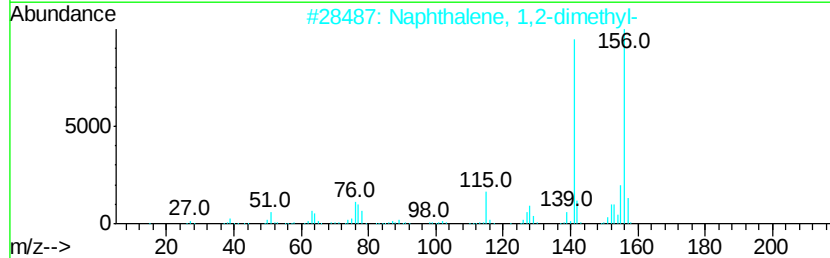
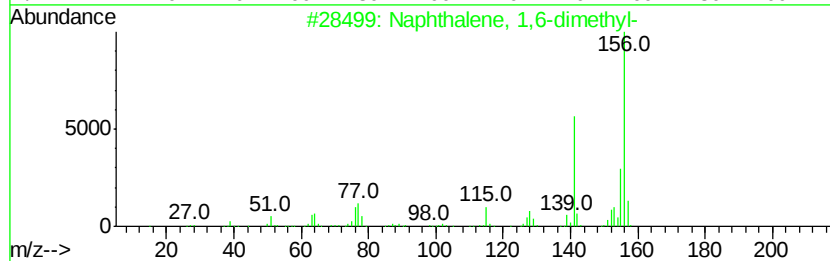
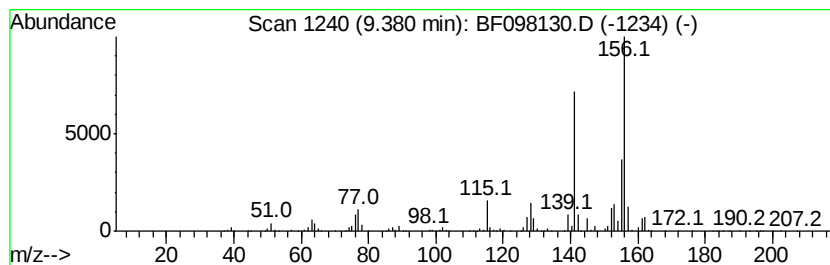
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	30.06 ng	4677680	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
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ClientSampleId :
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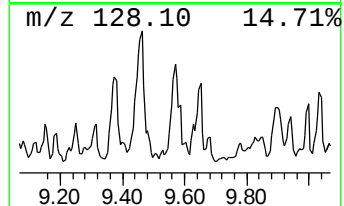
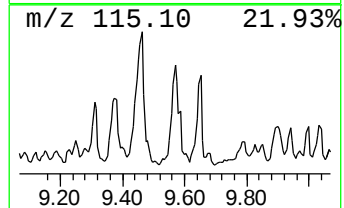
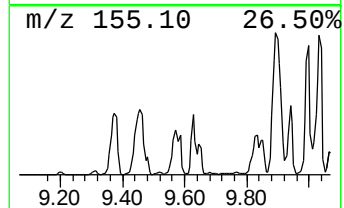
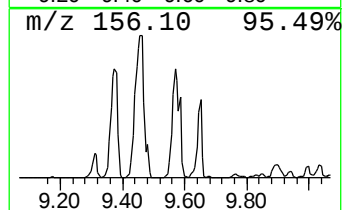
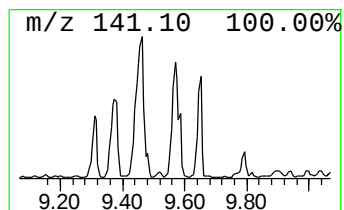
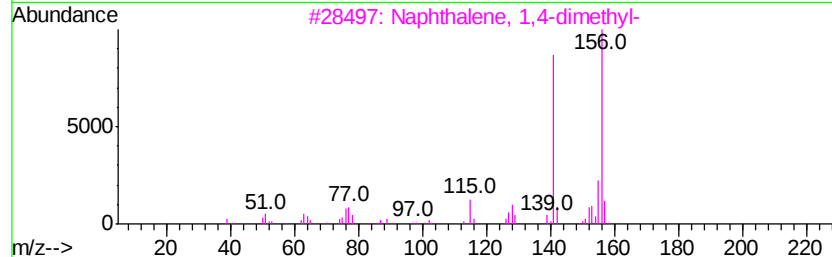
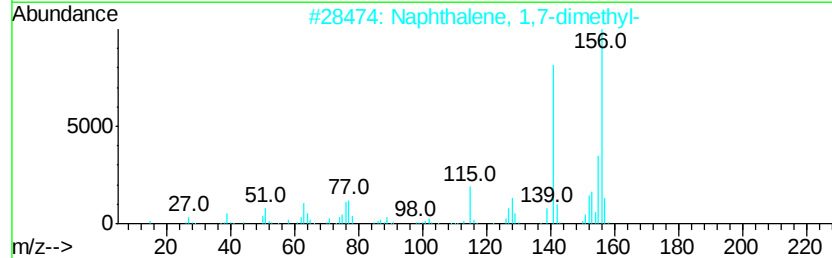
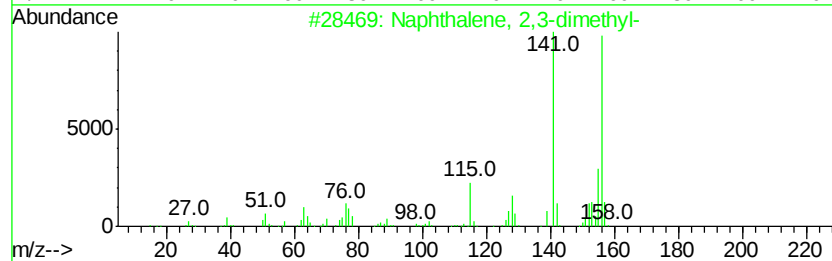
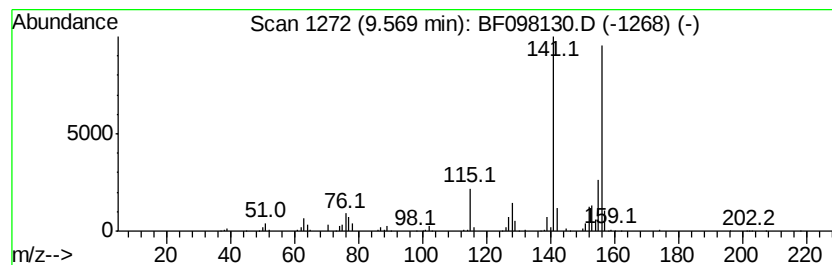
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	23.57 ng	3666470	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Acq On : 30 Aug 2017 00:18
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Misc :
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Instrument :
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ClientSampled :
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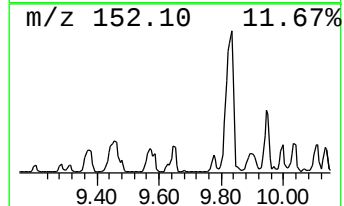
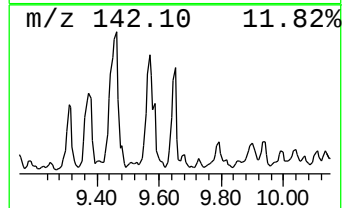
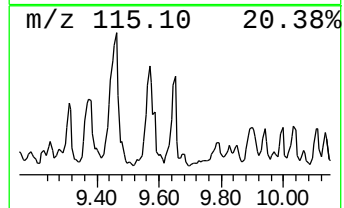
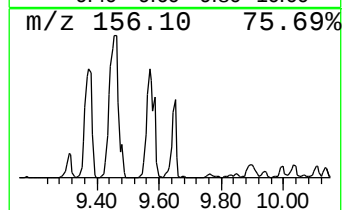
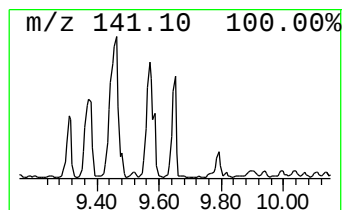
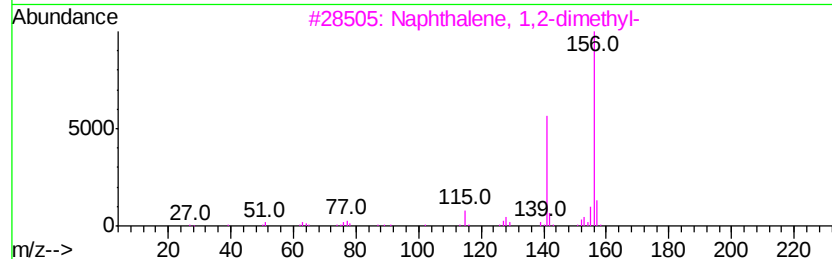
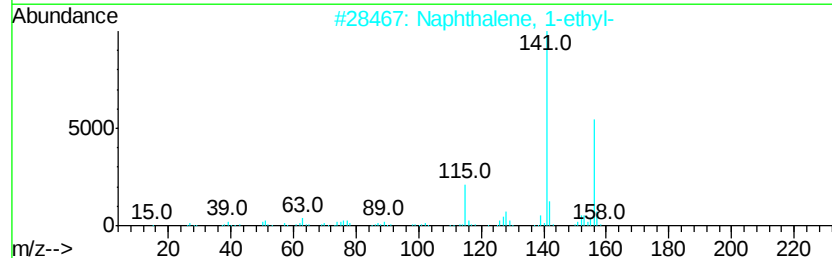
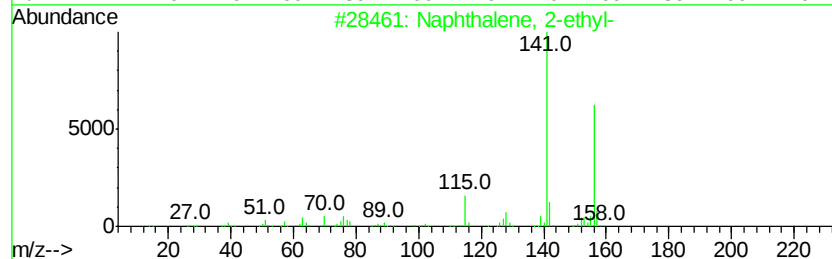
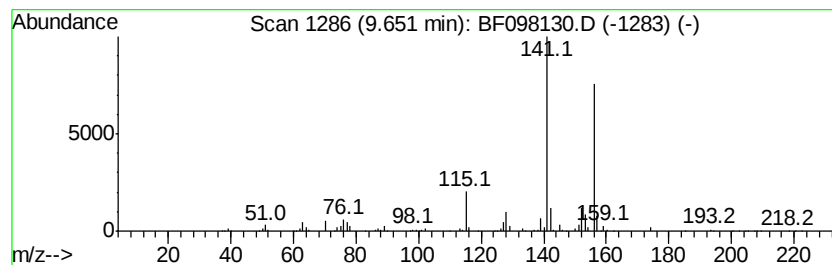
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	14.58 ng	2268530	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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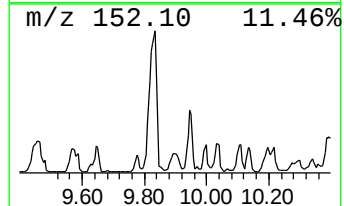
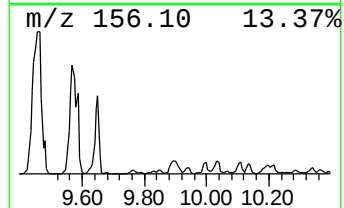
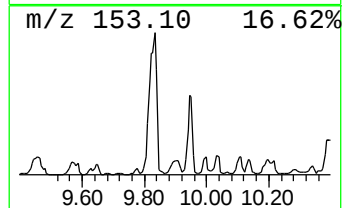
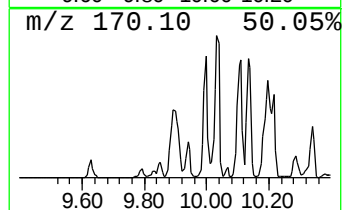
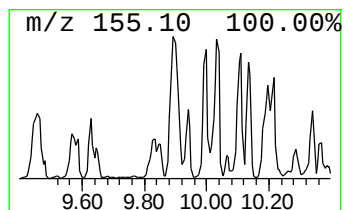
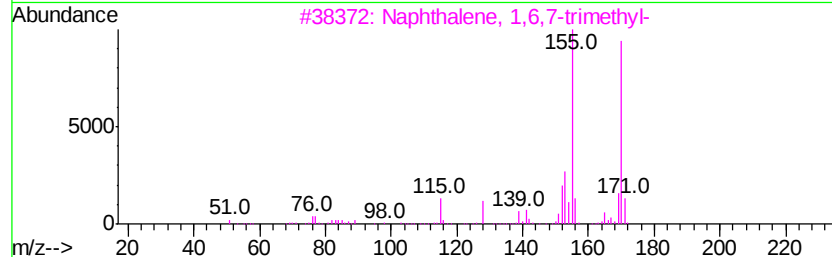
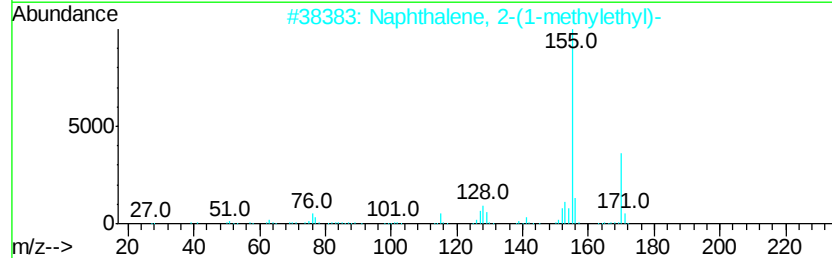
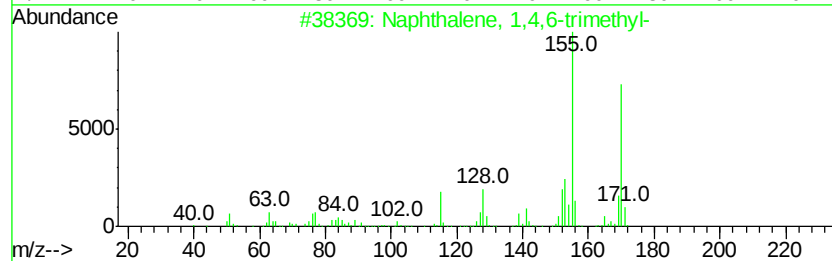
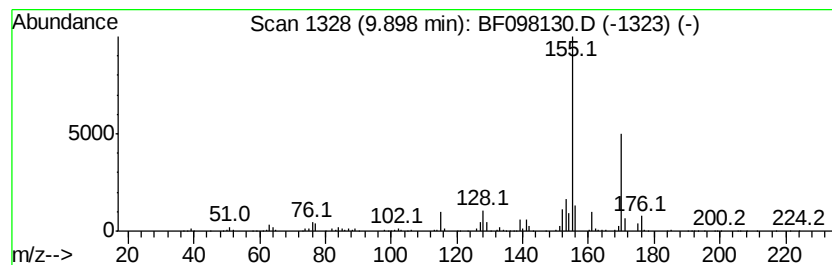
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	23.12 ng	3597200	Acenaphthene-d10	9.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

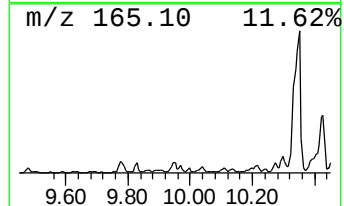
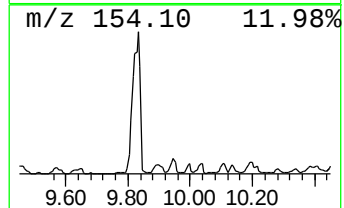
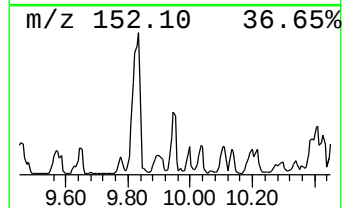
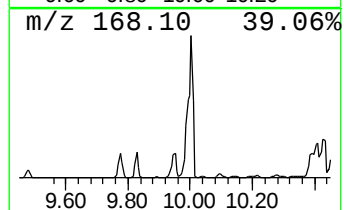
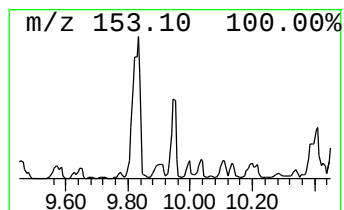
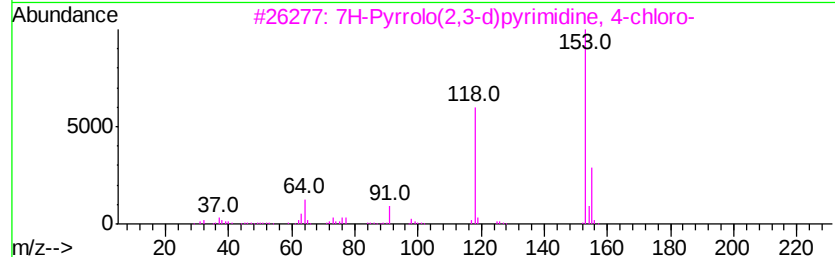
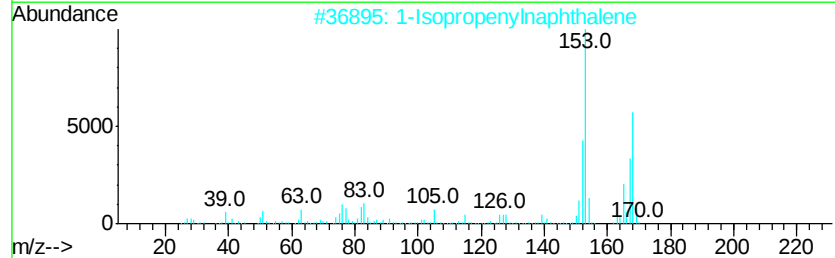
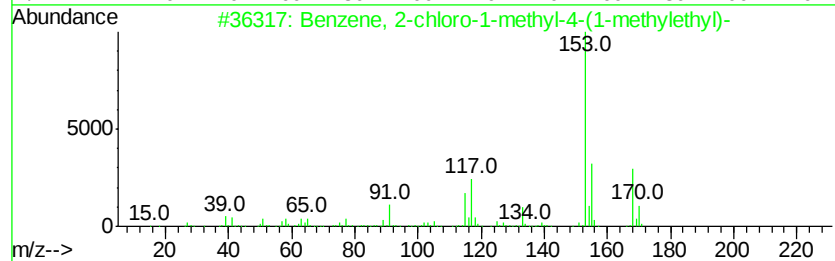
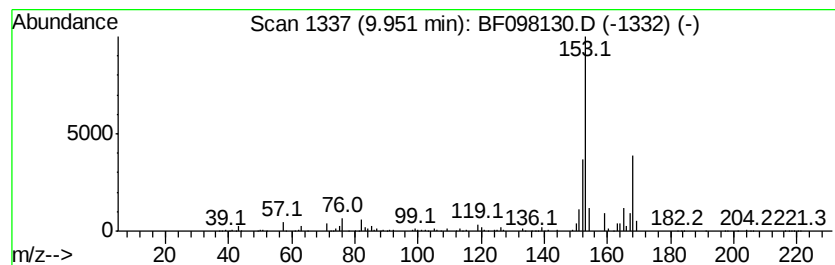
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 2-chloro-1-methyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	22.35 ng	3477010	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	53
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3		7H-Pyrrolo(2,3-d)pyrimidine, 4-c...	153	C6H4ClN3	003680-69-1	43
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43
5		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-4

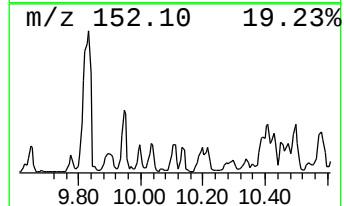
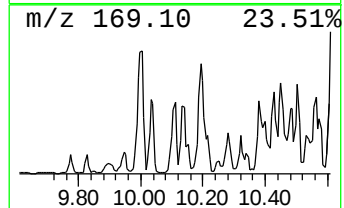
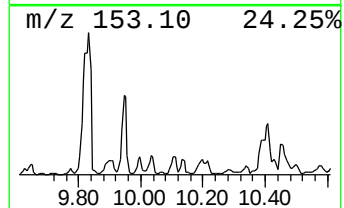
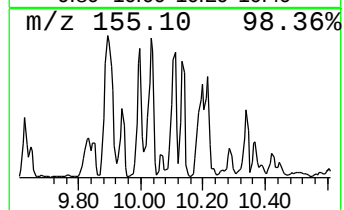
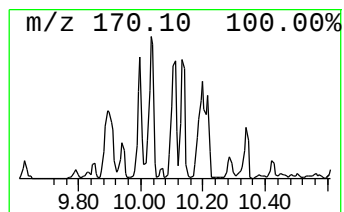
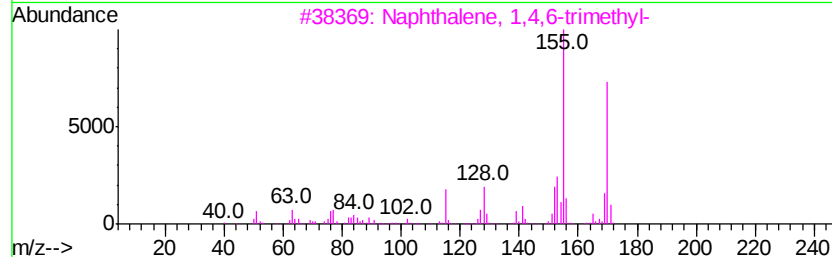
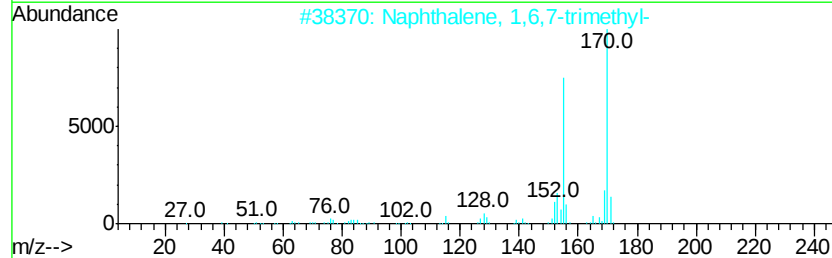
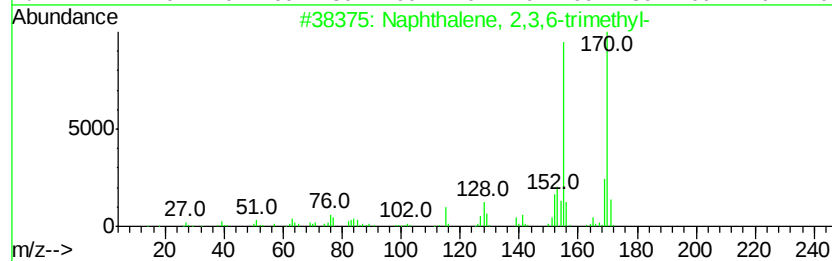
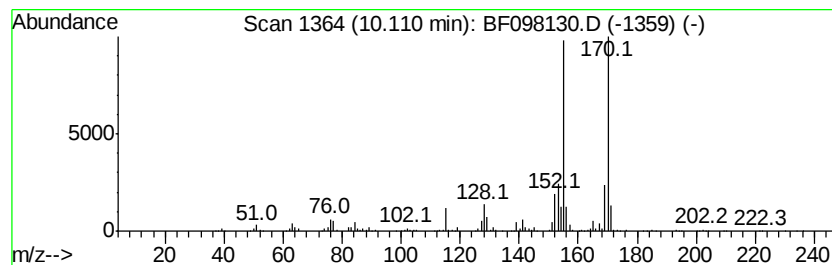
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	18.35 ng	2855000	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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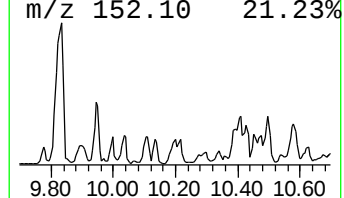
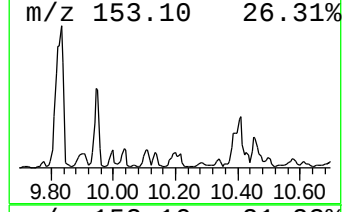
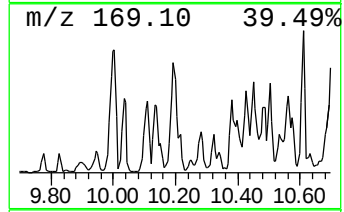
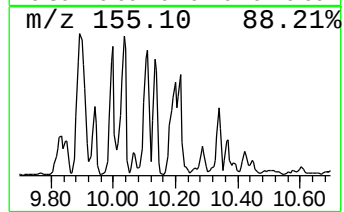
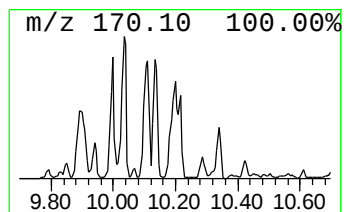
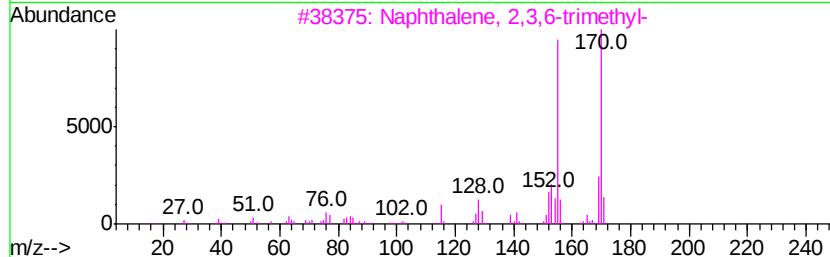
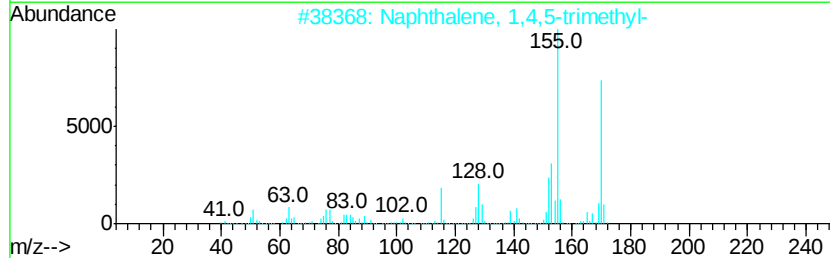
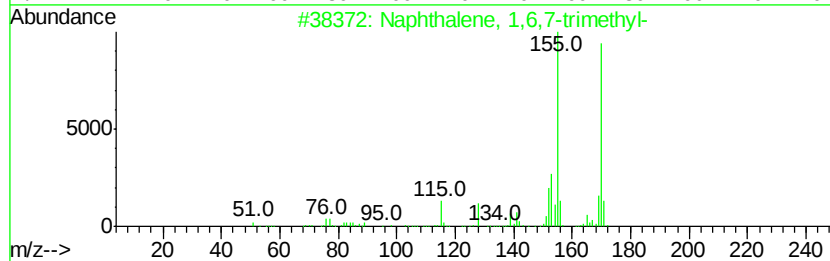
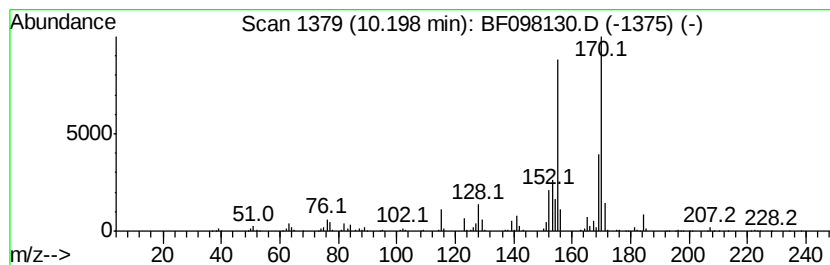
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	14.94 ng	2323940	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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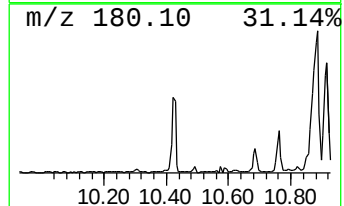
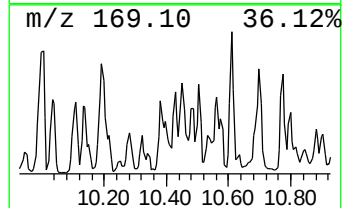
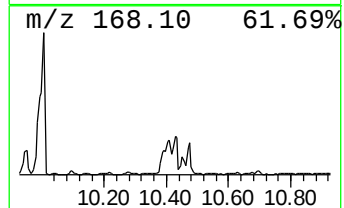
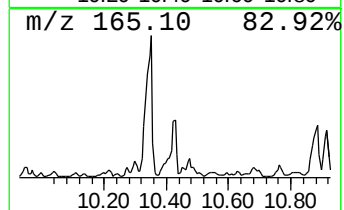
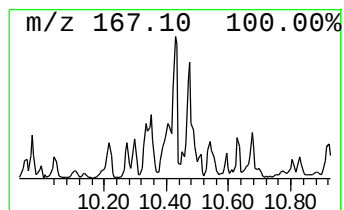
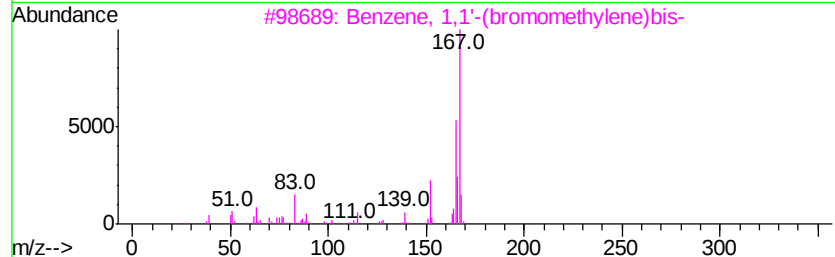
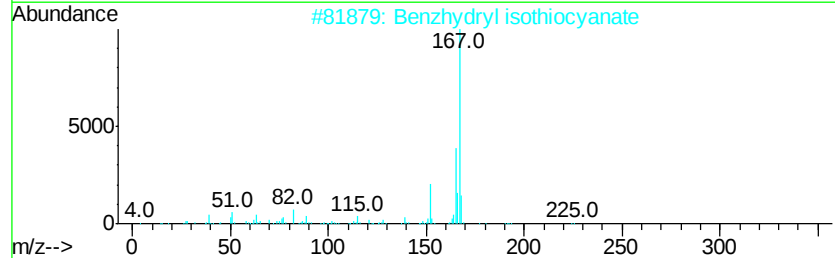
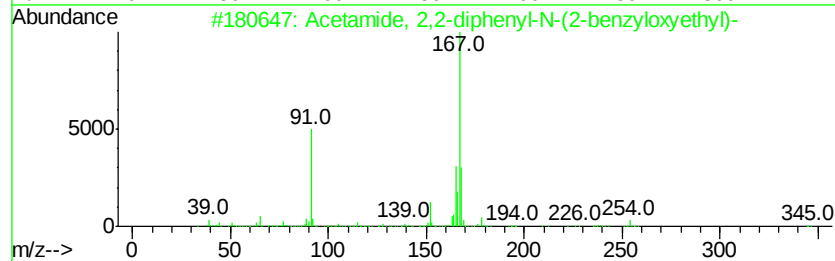
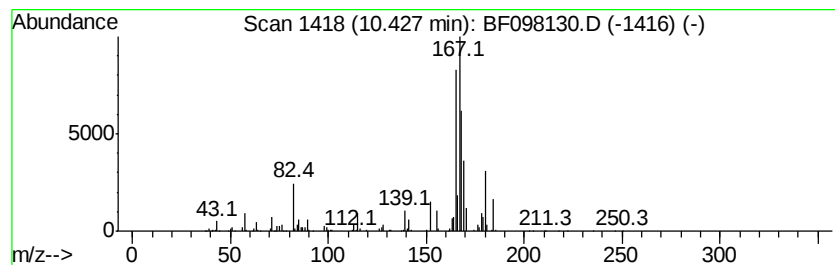
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	19.19 ng	2985910	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	38
2		Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	35
3		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	35
4		1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	27
5		Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098130.D
Acq On : 30 Aug 2017 00:18
Operator : SJ/JU
Sample : I4979-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-4

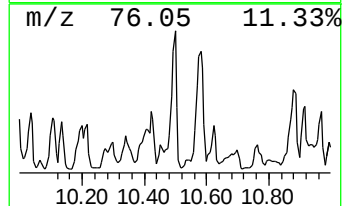
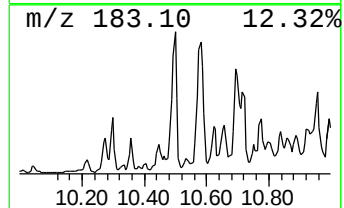
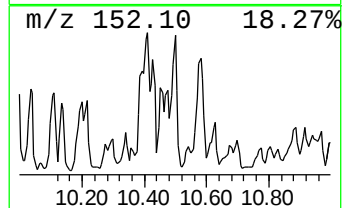
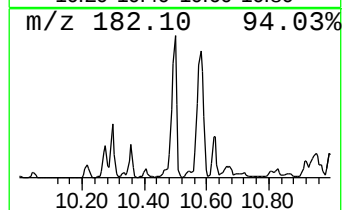
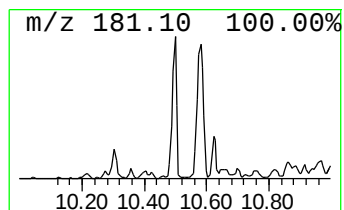
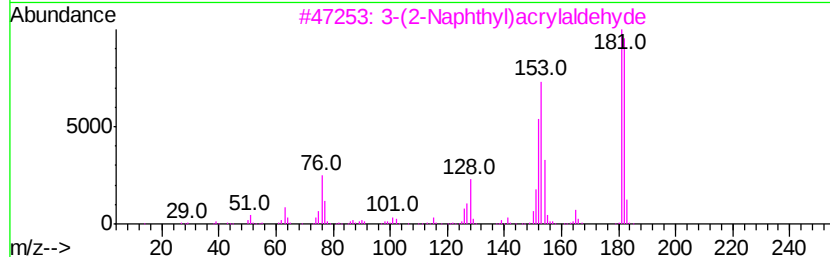
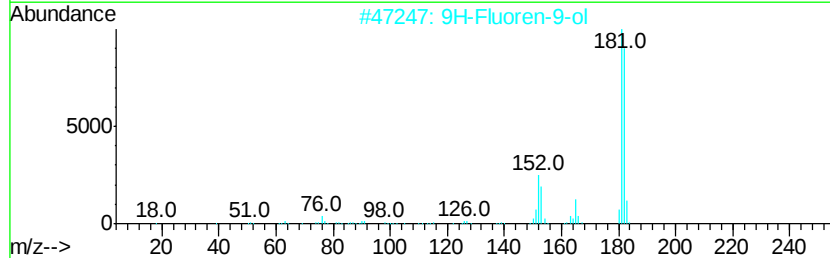
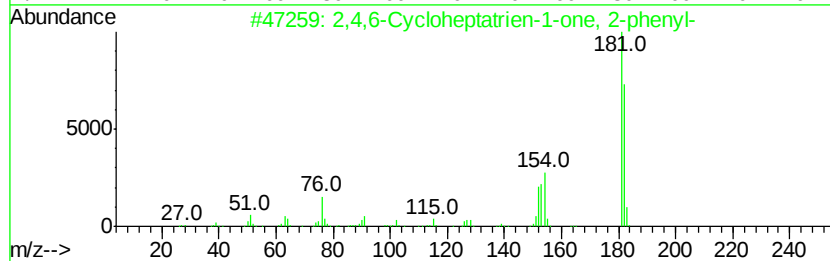
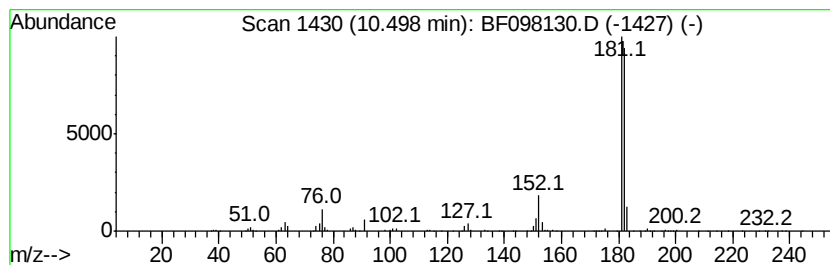
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	19.44 ng	3024410	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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ClientSampleId :
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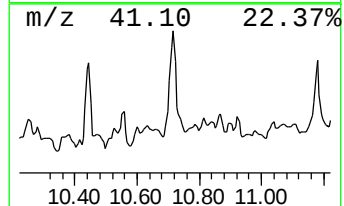
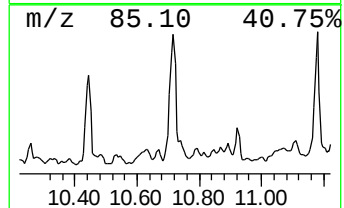
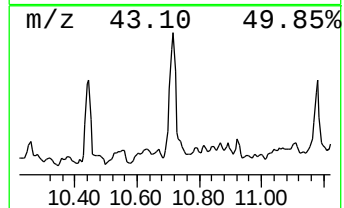
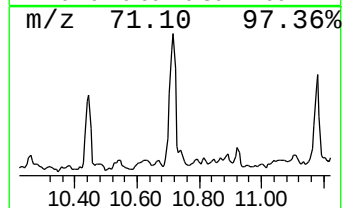
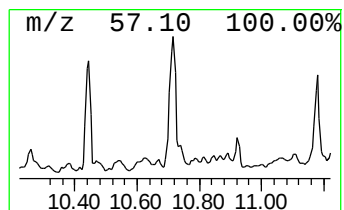
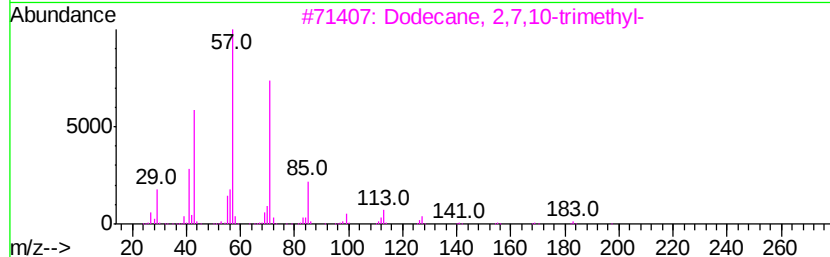
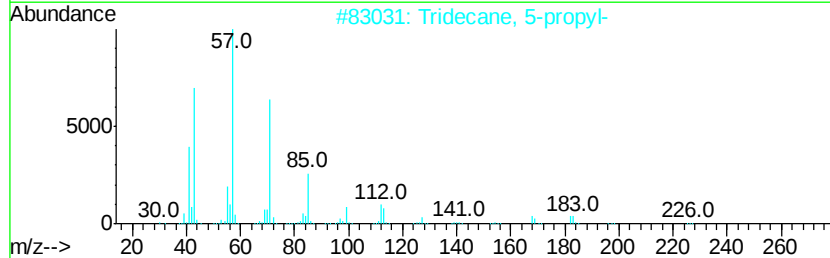
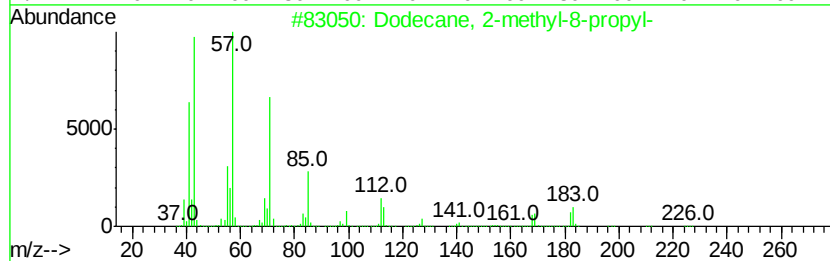
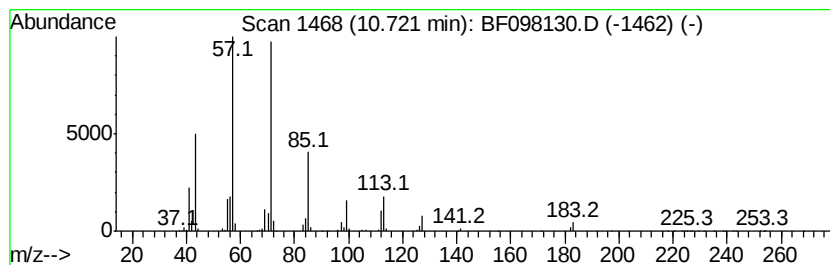
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2-methyl-8-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	14.00 ng	4338940	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
 Data File : BF098130.D
 Acq On : 30 Aug 2017 00:18
 Operator : SJ/JU
 Sample : I4979-04 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Cyclohexane, 1-me...	6.43	47.3	ng	2015650	1	6.73	852497	20.0
unknown6.50	6.50	19.1	ng	815190	1	6.73	852497	20.0
unknown6.81	6.81	18.6	ng	793867	1	6.73	852497	20.0
Indane	6.92	44.6	ng	1899220	1	6.73	852497	20.0
Benzene, 1,4-diet...	7.06	13.0	ng	554378	1	6.73	852497	20.0
Octane, 2,6-dimet...	8.46	20.5	ng	3252690	2	8.02	3167800	20.0
Naphthalene, 1-me...	8.85	37.4	ng	5927480	2	8.02	3167800	20.0
unknown8.93	8.93	13.3	ng	2073890	3	9.79	3111740	20.0
Naphthalene, 1,6-...	9.38	30.1	ng	4677680	3	9.79	3111740	20.0
Naphthalene, 2,3-...	9.57	23.6	ng	3666470	3	9.79	3111740	20.0
Naphthalene, 2-et...	9.65	14.6	ng	2268530	3	9.79	3111740	20.0
Naphthalene, 1,4,...	9.90	23.1	ng	3597200	3	9.79	3111740	20.0
Benzene, 2-chloro...	9.95	22.4	ng	3477010	3	9.79	3111740	20.0
Naphthalene, 2,3,...	10.11	18.4	ng	2855000	3	9.79	3111740	20.0
Naphthalene, 1,6,...	10.20	14.9	ng	2323940	3	9.79	3111740	20.0
unknown10.43	10.43	19.2	ng	2985910	3	9.79	3111740	20.0
2,4,6-Cycloheptat...	10.50	19.4	ng	3024410	3	9.79	3111740	20.0
Dodecane, 2-methy...	10.72	14.0	ng	4338940	4	11.27	6200380	20.0