

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
 Data File : BF099742.D
 Acq On : 21 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.199	15	19	24	rVB3	39619	64569	2.51%	0.170%
2	2.434	50	59	68	rVB3	33122	90556	3.53%	0.238%
3	2.646	89	95	101	rVB2	23458	50072	1.95%	0.132%
4	3.469	226	235	240	rBV3	29372	62893	2.45%	0.165%
5	3.528	240	245	251	rVV2	68917	117117	4.56%	0.308%
6	3.610	252	259	269	rVV2	45381	85192	3.32%	0.224%
7	3.910	305	310	314	rBV	33943	44585	1.74%	0.117%
8	4.546	412	418	429	rBV2	63001	85679	3.34%	0.225%
9	5.028	498	500	506	rBV	85769	100799	3.92%	0.265%
10	5.393	556	562	565	rBV2	70111	87682	3.41%	0.231%
11	5.440	567	570	582	rVB	808112	842015	32.78%	2.215%
12	5.975	650	661	668	rBV	467265	419602	16.33%	1.104%
13	6.269	708	711	719	rVB	883058	739312	28.78%	1.945%
14	6.457	739	743	747	rBV	482741	531848	20.70%	1.399%
15	6.492	747	749	757	rVV	230794	199918	7.78%	0.526%
16	6.587	761	765	771	rVV	1827615	1648423	64.17%	4.337%
17	6.763	788	795	800	rBV2	101579	129644	5.05%	0.341%
18	6.816	800	804	810	rVV	548454	546242	21.26%	1.437%
19	6.869	810	813	817	rVB	107894	93816	3.65%	0.247%
20	6.969	826	830	832	rBV	1743908	1900603	73.99%	5.001%
21	6.992	832	834	838	rVB	2627582	2382104	92.73%	6.267%
22	7.057	841	845	848	rBV	597974	471095	18.34%	1.239%
23	7.128	853	857	859	rBV	324587	285399	11.11%	0.751%
24	7.145	859	860	866	rVB	194602	148915	5.80%	0.392%
25	7.204	866	870	872	rBV	58837	52198	2.03%	0.137%
26	7.281	879	883	887	rBV2	85227	87421	3.40%	0.230%
27	7.345	887	894	896	rBV	830946	815671	31.75%	2.146%
28	7.381	896	900	904	rVV2	1758814	2194744	85.44%	5.774%
29	7.451	908	912	916	rVV2	116260	130378	5.08%	0.343%
30	7.492	916	919	922	rVV	73756	72949	2.84%	0.192%
31	7.557	926	930	931	rBV2	47109	48352	1.88%	0.127%
32	7.581	931	934	937	rVB	807736	661220	25.74%	1.740%
33	7.692	949	953	955	rBV	113766	91929	3.58%	0.242%
34	7.739	958	961	963	rBV2	156201	164576	6.41%	0.433%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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35	7.763	963	965	970	rVB	753558	649056	25.27%	1.708%
36	7.828	970	976	980	rBV2	1521675	1431030	55.71%	3.765%
37	7.904	986	989	991	rVB3	74405	82493	3.21%	0.217%
38	7.957	996	998	1001	rVB	92399	71998	2.80%	0.189%
39	8.034	1007	1011	1012	rBV2	51529	55803	2.17%	0.147%
40	8.081	1012	1019	1020	rVV	533179	743414	28.94%	1.956%
41	8.098	1020	1022	1026	rVV2	937034	1046764	40.75%	2.754%
42	8.134	1026	1028	1032	rVB	438166	403481	15.71%	1.062%
43	8.175	1032	1035	1039	rVB2	96978	85381	3.32%	0.225%
44	8.286	1051	1054	1057	rVB	361908	287756	11.20%	0.757%
45	8.334	1059	1062	1064	rBV	283738	247445	9.63%	0.651%
46	8.369	1065	1068	1074	rVV2	256739	275929	10.74%	0.726%
47	8.475	1082	1086	1089	rBV	414564	334793	13.03%	0.881%
48	8.557	1093	1100	1104	rBV2	380590	444130	17.29%	1.169%
49	8.592	1104	1106	1112	rVV2	124212	168115	6.54%	0.442%
50	8.651	1112	1116	1118	rVV2	200087	169928	6.61%	0.447%
51	8.681	1118	1121	1125	rVV2	228453	249984	9.73%	0.658%
52	8.722	1125	1128	1129	rVV3	105672	110367	4.30%	0.290%
53	8.751	1130	1133	1137	rVV2	481085	464550	18.08%	1.222%
54	8.781	1137	1138	1141	rVB2	86626	52643	2.05%	0.139%
55	8.910	1150	1160	1163	rBV	1723982	1762661	68.62%	4.638%
56	8.933	1163	1164	1169	rVB2	146808	163575	6.37%	0.430%
57	8.992	1169	1174	1176	rBV4	60654	91134	3.55%	0.240%
58	9.028	1176	1180	1183	rVV3	110427	134909	5.25%	0.355%
59	9.057	1183	1185	1189	rVV2	73511	59497	2.32%	0.157%
60	9.104	1189	1193	1195	rVV2	110633	114714	4.47%	0.302%
61	9.128	1195	1197	1199	rVV	100421	74022	2.88%	0.195%
62	9.169	1199	1204	1207	rVB	2659177	2568876	100.00%	6.759%
63	9.269	1219	1221	1223	rBV2	61429	59027	2.30%	0.155%
64	9.316	1226	1229	1231	rVB	232583	197739	7.70%	0.520%
65	9.345	1231	1234	1237	rBV2	152511	145610	5.67%	0.383%
66	9.375	1237	1239	1242	rVB	126976	111465	4.34%	0.293%
67	9.433	1244	1249	1253	rBV4	142994	223554	8.70%	0.588%
68	9.510	1253	1262	1265	rBV2	427844	627137	24.41%	1.650%
69	9.533	1265	1266	1269	rVB3	149018	91434	3.56%	0.241%
70	9.622	1278	1281	1283	rBV2	279031	269901	10.51%	0.710%
71	9.710	1292	1296	1299	rVB	222227	213455	8.31%	0.562%

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72	9.816	1311	1314	1315	rBV3	40348	46831	1.82%	0.123%
73	9.851	1316	1320	1323	rVV	987736	934033	36.36%	2.457%
74	9.886	1323	1326	1328	rVV2	163192	156032	6.07%	0.411%
75	9.957	1332	1338	1341	rBV4	69306	146679	5.71%	0.386%
76	10.051	1351	1354	1358	rVB3	144230	165316	6.44%	0.435%
77	10.086	1358	1360	1364	rVB	114061	108907	4.24%	0.287%
78	10.163	1370	1373	1377	rBV2	231898	318838	12.41%	0.839%
79	10.245	1383	1387	1390	rBV	87878	125089	4.87%	0.329%
80	10.275	1390	1392	1394	rVV	74324	58179	2.26%	0.153%
81	10.398	1409	1413	1418	rBV3	174692	195376	7.61%	0.514%
82	10.463	1421	1424	1426	rBV	273294	216464	8.43%	0.570%
83	10.563	1439	1441	1443	rVB	87693	66664	2.60%	0.175%
84	10.592	1443	1446	1449	rBV	181333	184019	7.16%	0.484%
85	10.645	1450	1455	1458	rBV	1273118	1191966	46.40%	3.136%
86	10.751	1468	1473	1481	rVB4	118395	196781	7.66%	0.518%
87	10.833	1484	1487	1490	rVV2	64617	61230	2.38%	0.161%
88	10.904	1496	1499	1502	rBV4	40091	55433	2.16%	0.146%
89	10.933	1502	1504	1508	rVV3	51179	66890	2.60%	0.176%
90	10.975	1508	1511	1514	rVV	173876	152528	5.94%	0.401%
91	11.216	1549	1552	1554	rBV	56447	46129	1.80%	0.121%
92	11.339	1568	1573	1576	rBV	808073	730494	28.44%	1.922%
93	11.451	1589	1592	1597	rVB3	50240	62692	2.44%	0.165%
94	11.869	1659	1663	1667	rVB	128678	142704	5.56%	0.375%
95	12.104	1700	1703	1707	rVB2	87695	85554	3.33%	0.225%
96	12.386	1746	1751	1754	rBV3	61114	80187	3.12%	0.211%
97	12.921	1837	1842	1845	rBV	1761649	1671650	65.07%	4.398%
98	13.980	2018	2022	2029	rVB	534711	473359	18.43%	1.245%
99	15.445	2266	2271	2276	rVB	361533	463645	18.05%	1.220%
100	17.774	2662	2667	2677	rVB3	29315	72924	2.84%	0.192%

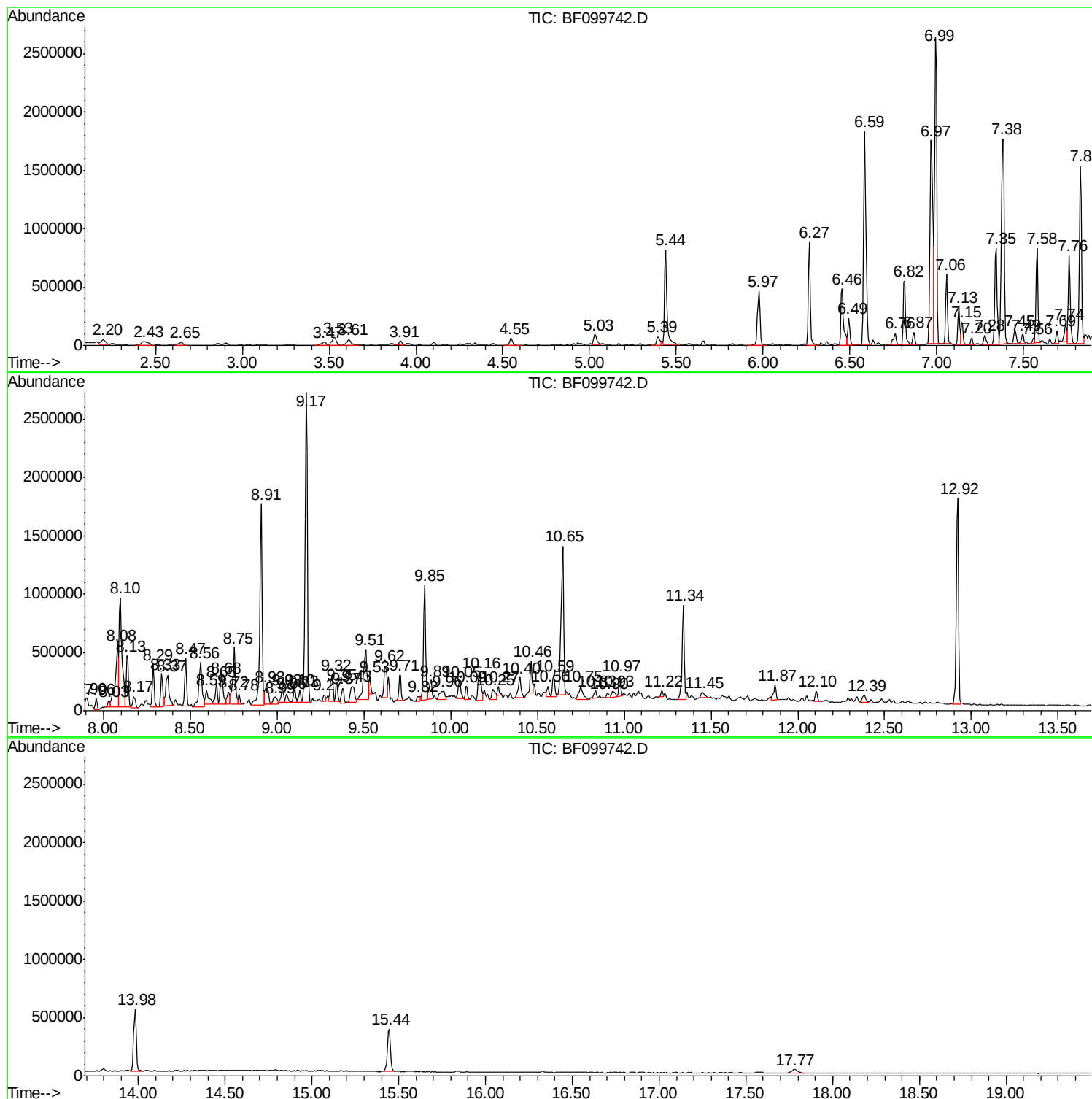
Sum of corrected areas: 38007881

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Instrument :
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MW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.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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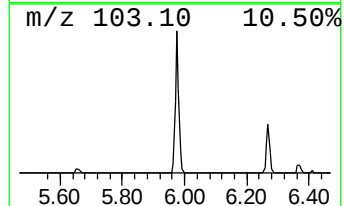
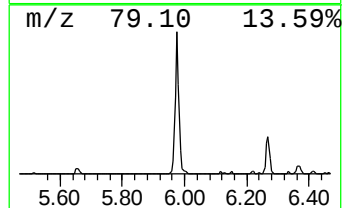
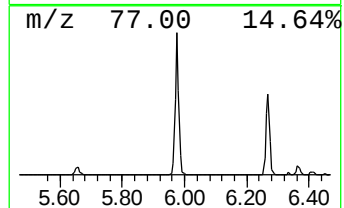
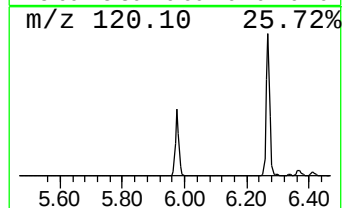
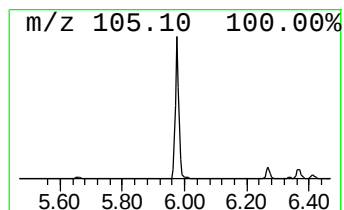
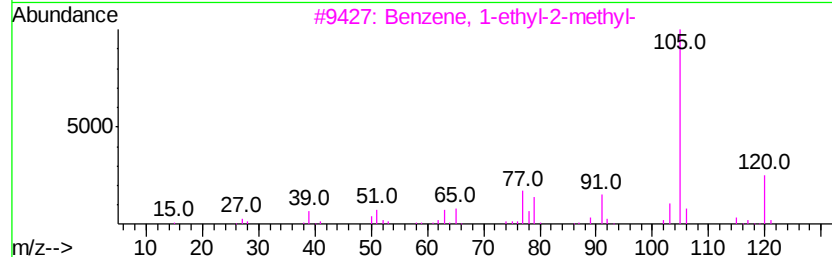
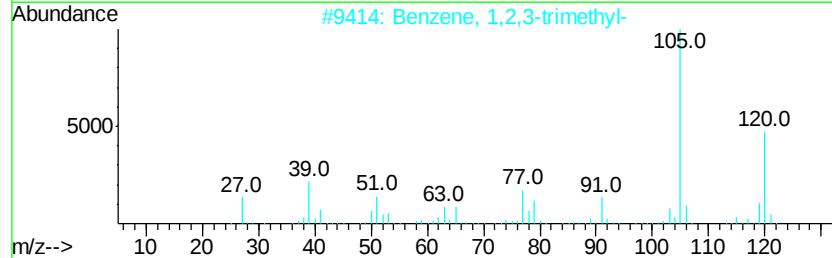
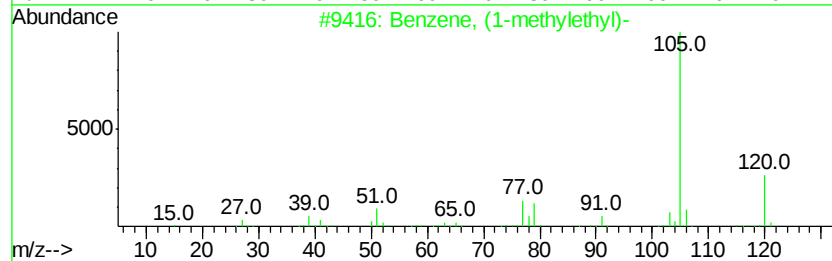
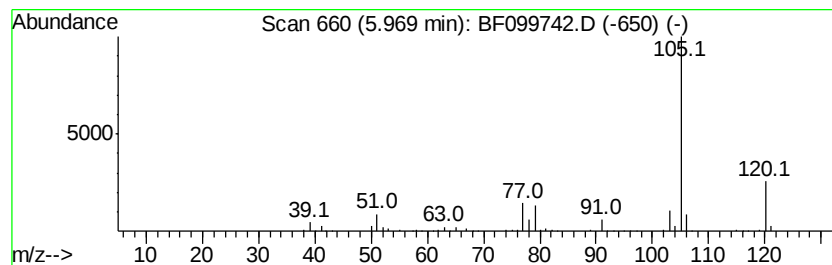
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	15.36 ng	419602	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



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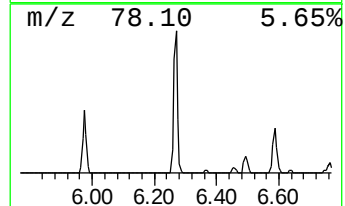
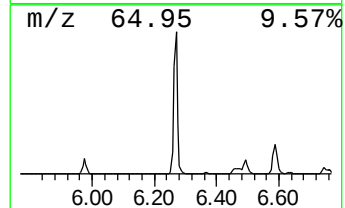
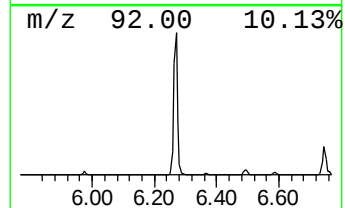
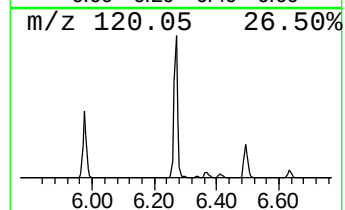
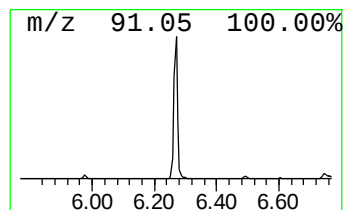
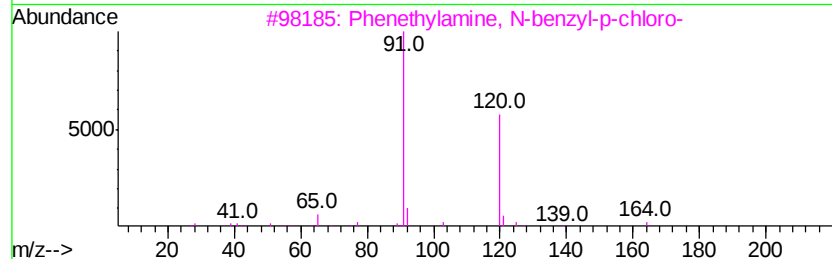
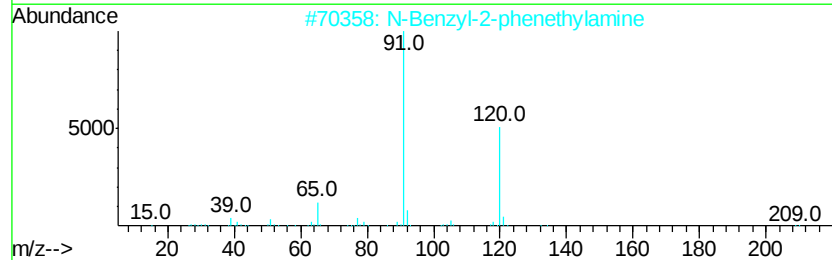
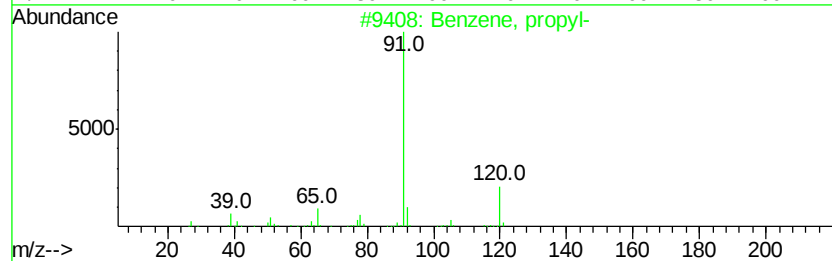
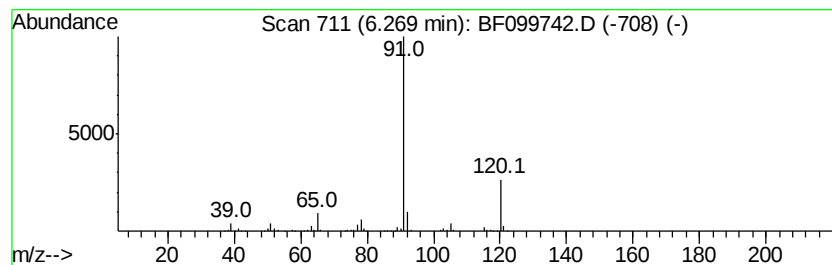
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	27.07 ng	739312	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4		n-Butylbenzylamine	163	C11H17N	002403-22-7	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



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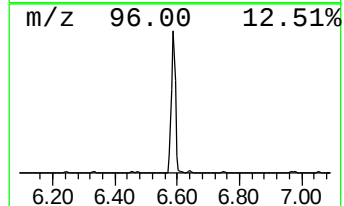
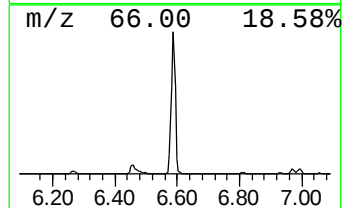
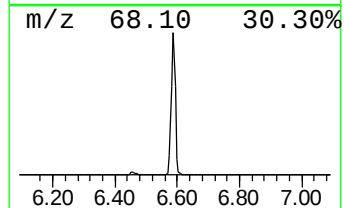
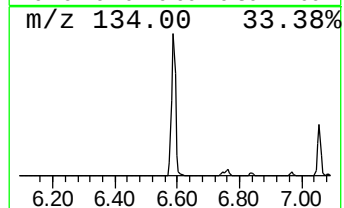
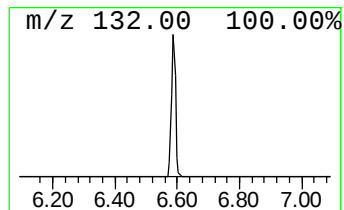
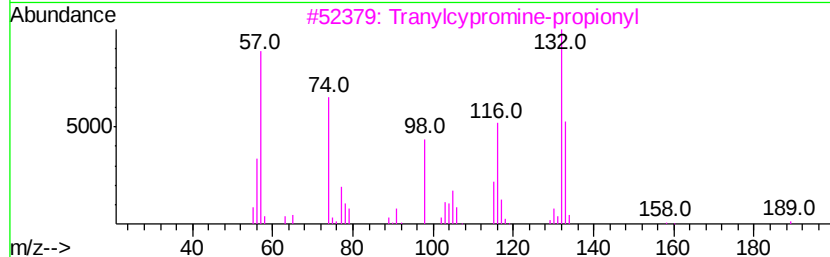
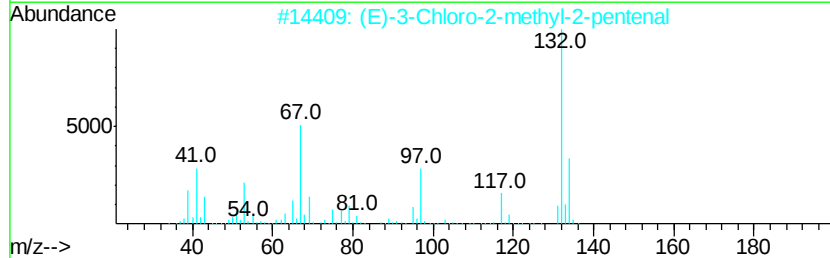
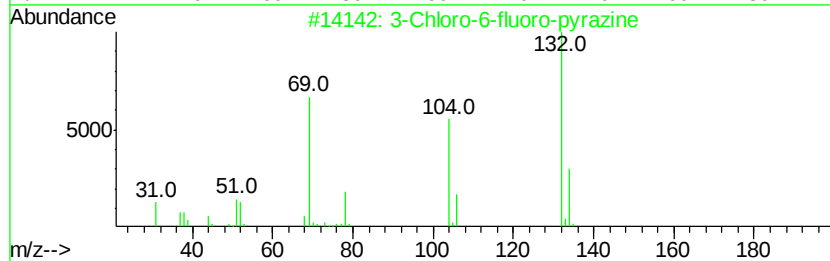
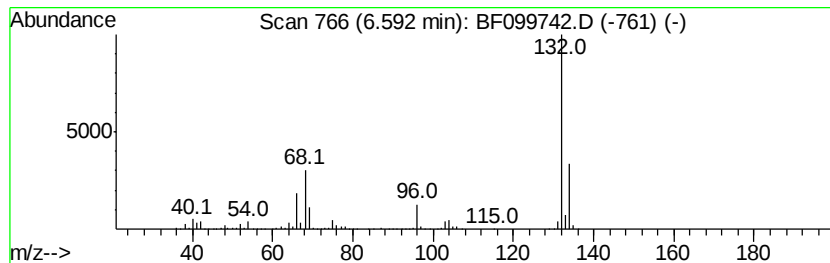
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Peak Number 3 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	60.36 ng	1648420	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
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Instrument :
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ClientSampleId :
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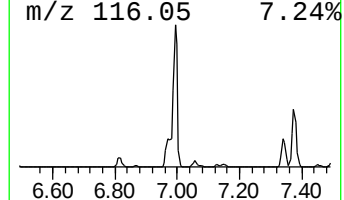
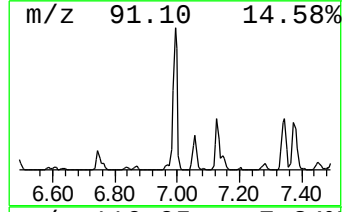
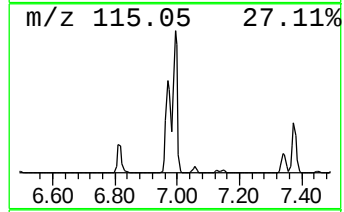
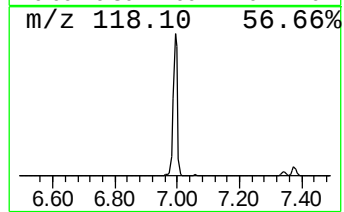
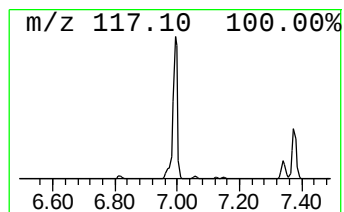
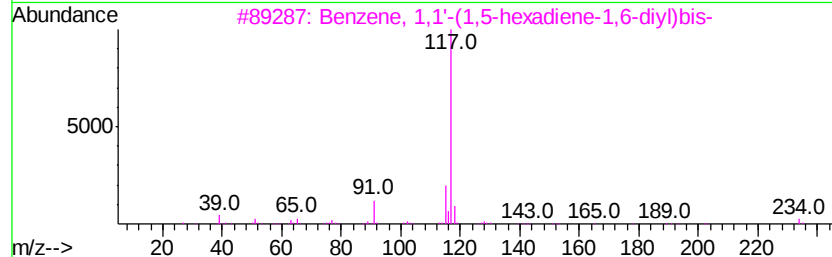
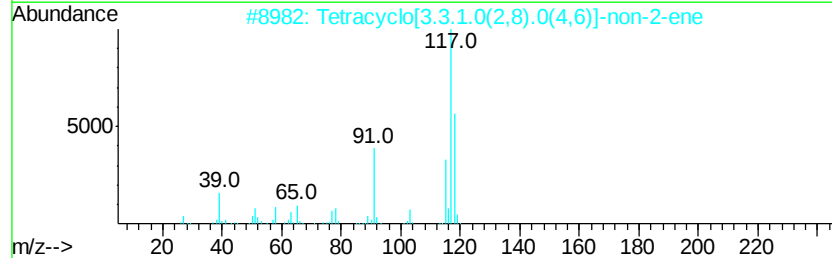
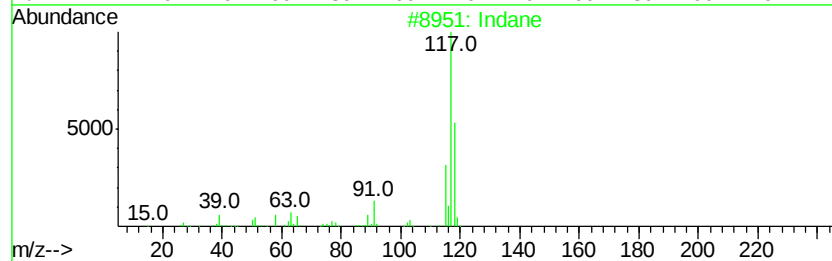
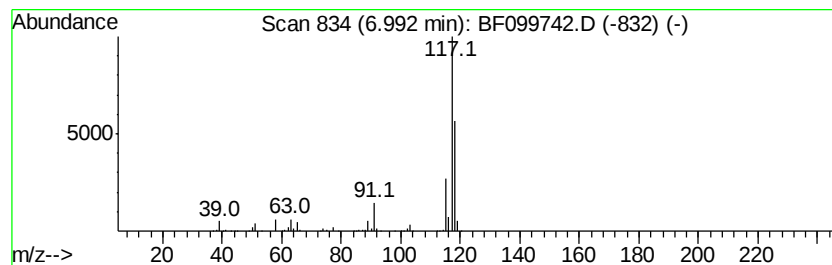
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	87.22 ng	2382100	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	83
3	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	59
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	49
5	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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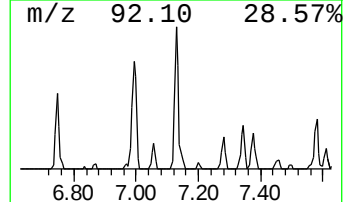
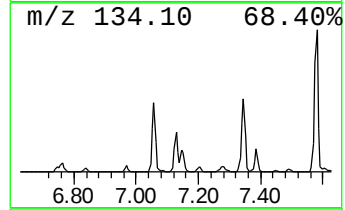
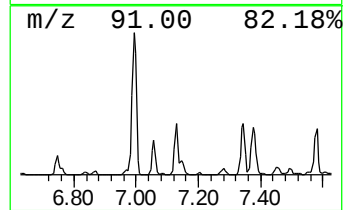
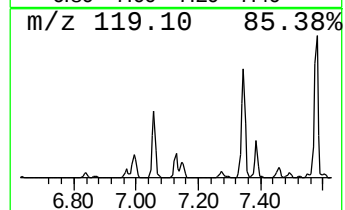
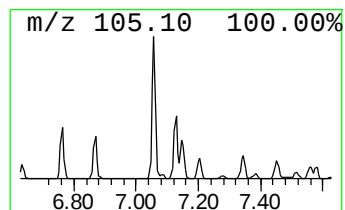
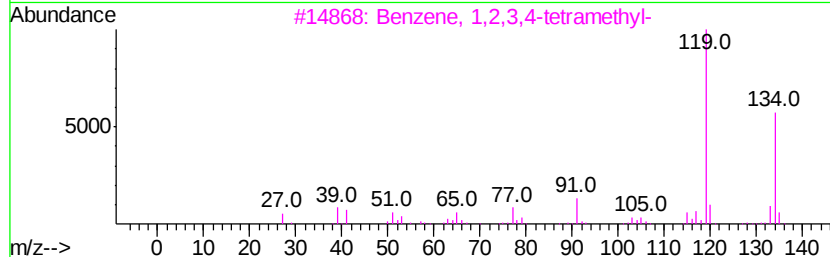
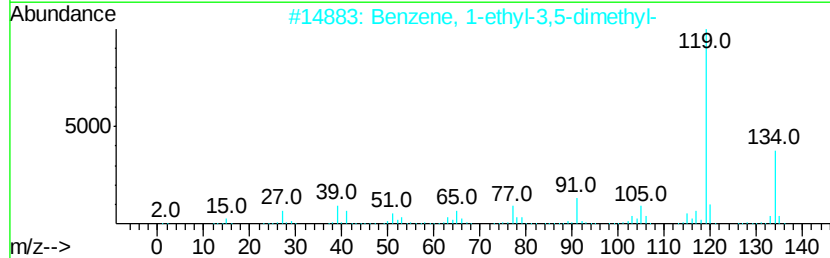
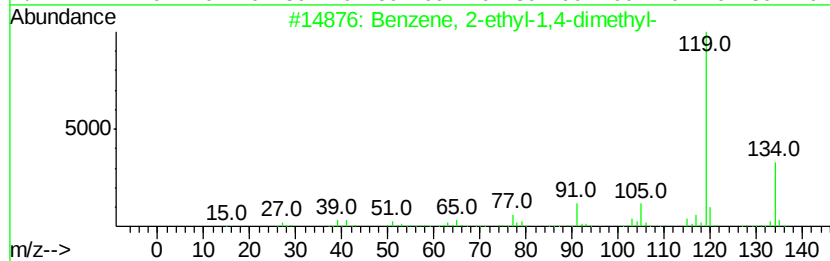
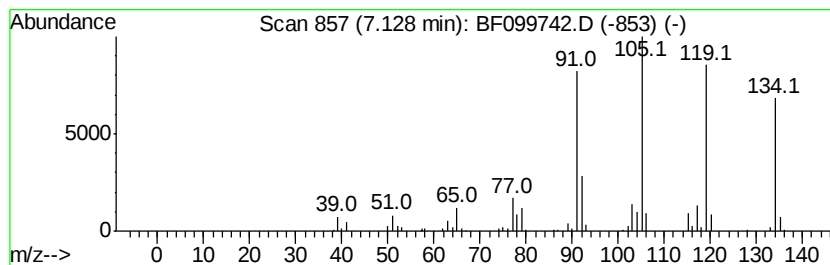
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	10.45 ng	285399	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
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Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

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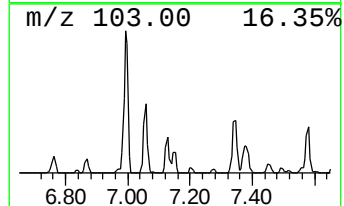
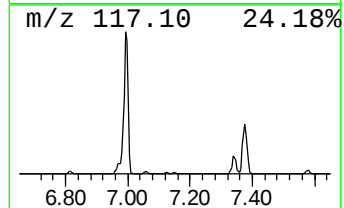
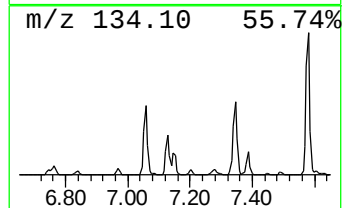
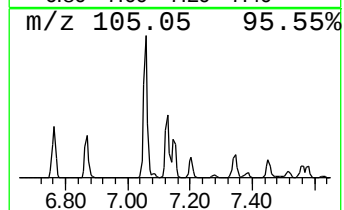
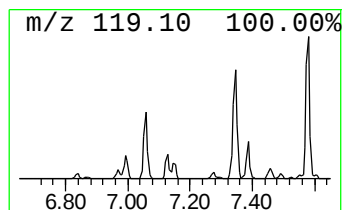
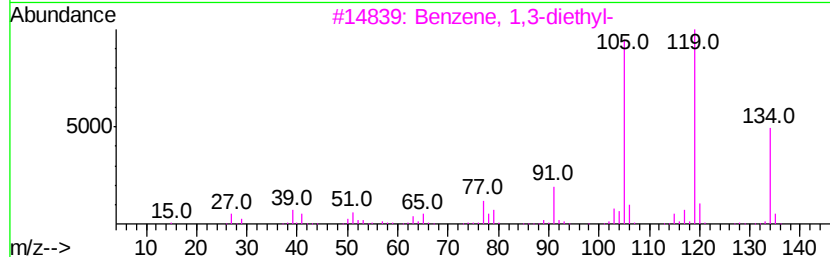
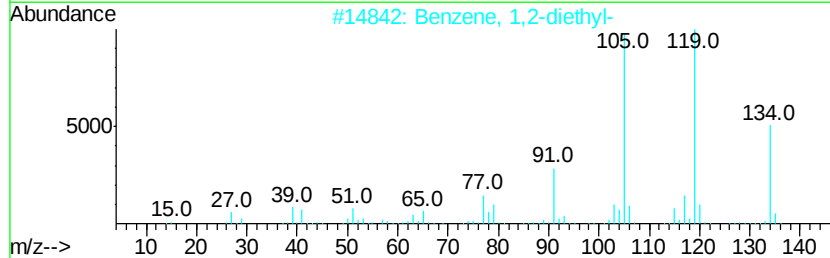
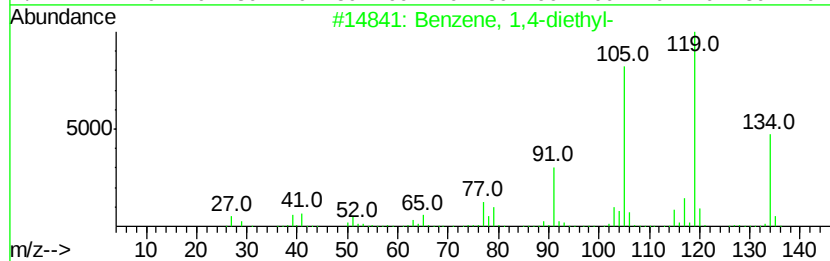
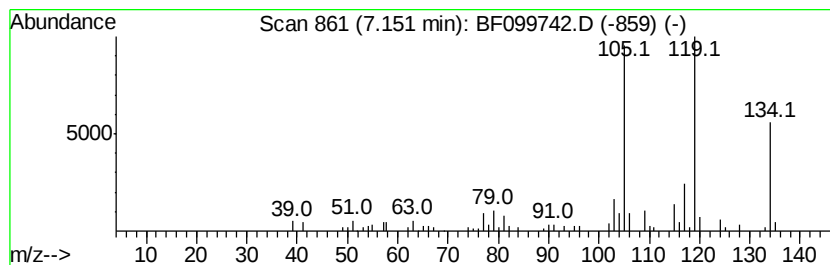
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	5.45 ng	148915	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

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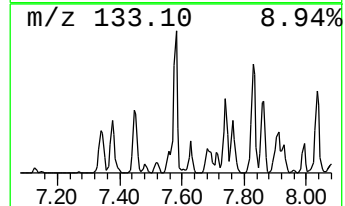
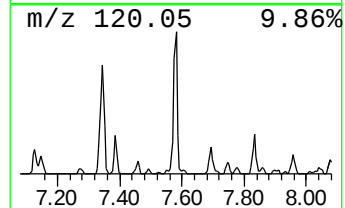
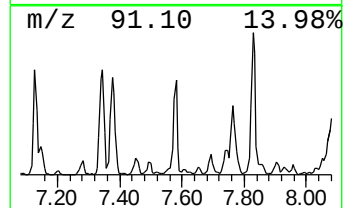
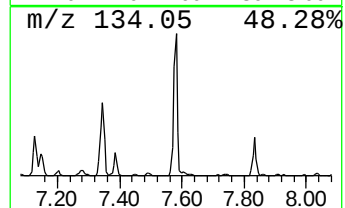
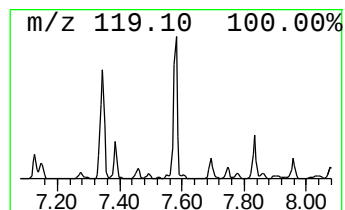
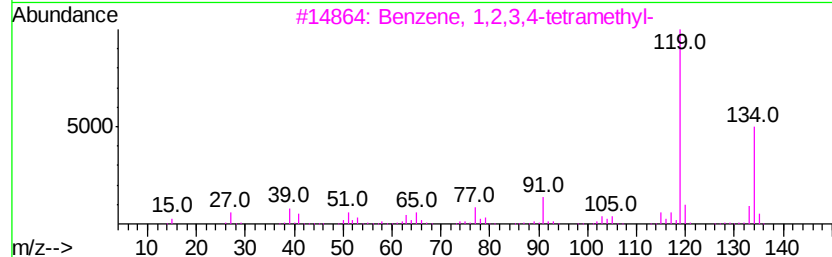
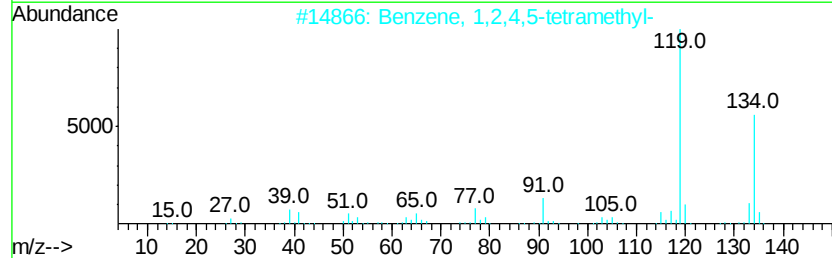
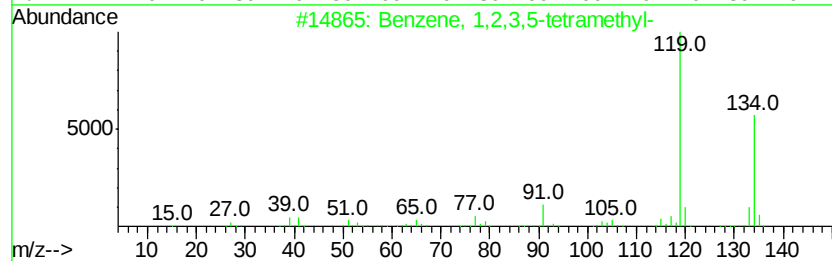
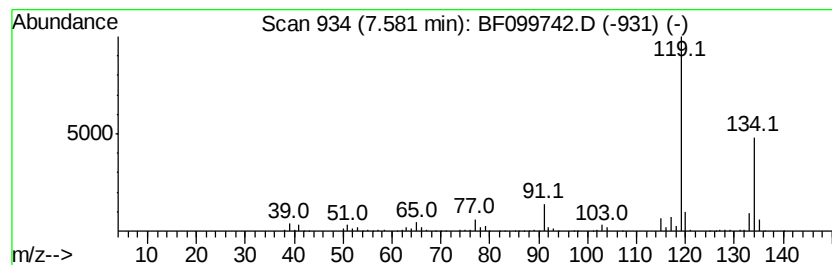
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	12.63 ng	661220	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
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Instrument :
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ClientSampleId :
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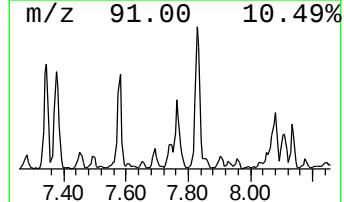
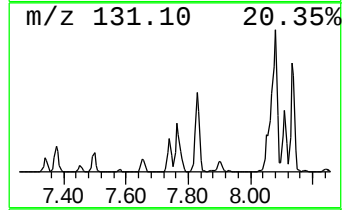
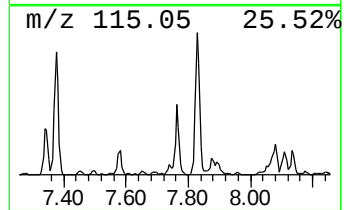
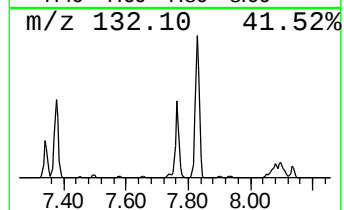
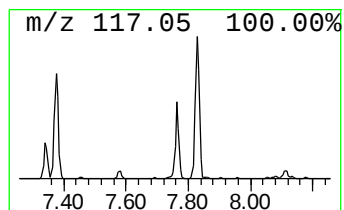
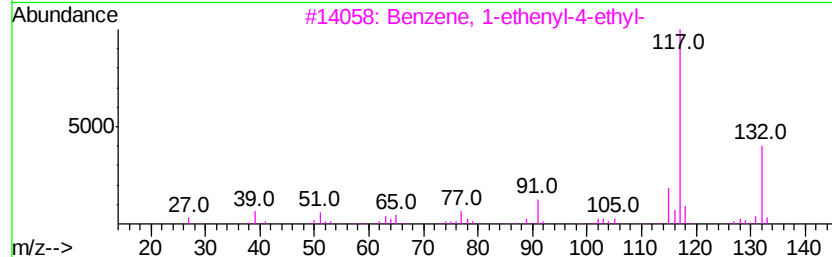
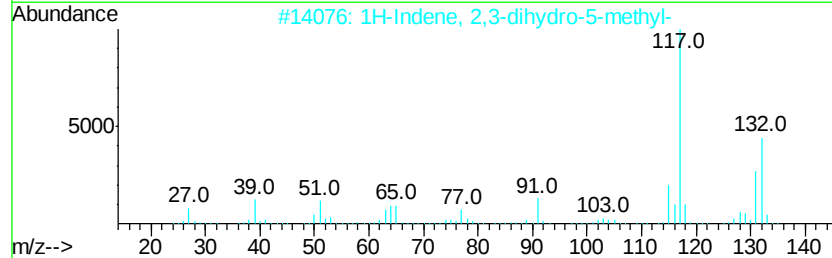
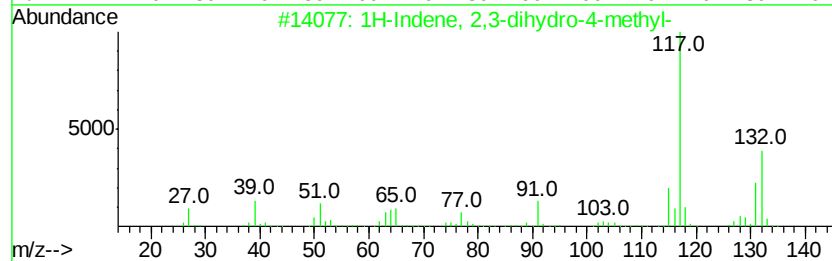
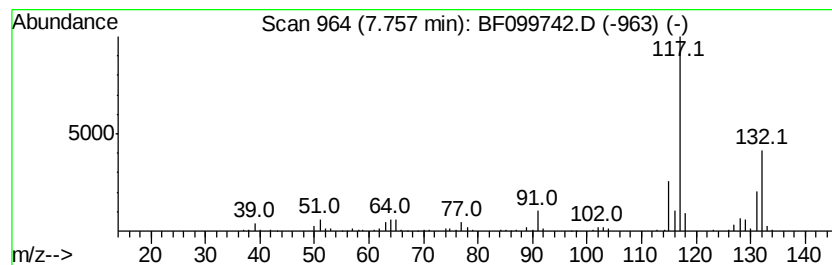
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	12.40 ng	649056	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		Indan, 1-methyl-	132	C10H12	000767-58-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
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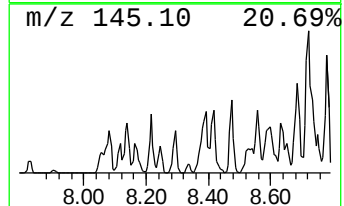
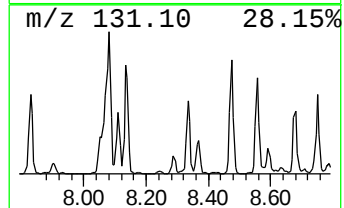
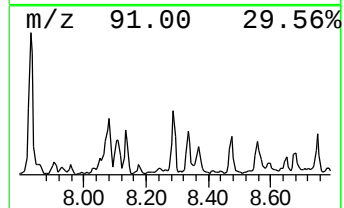
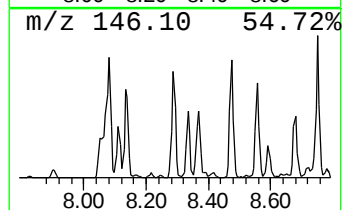
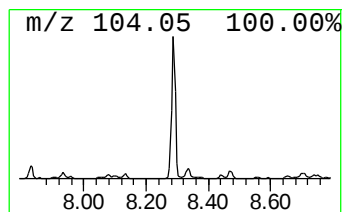
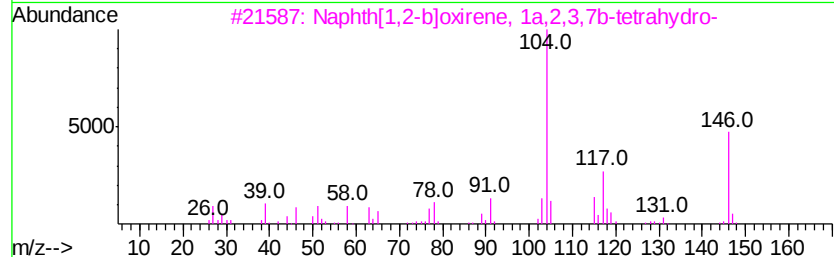
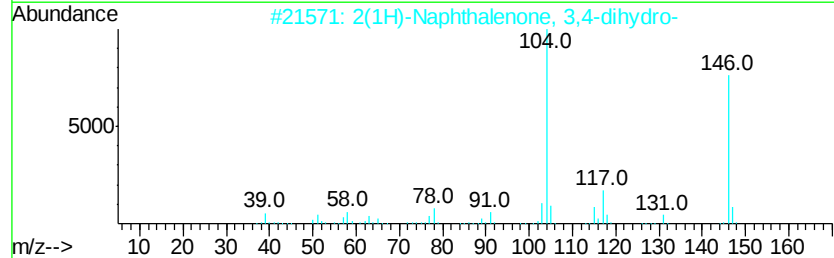
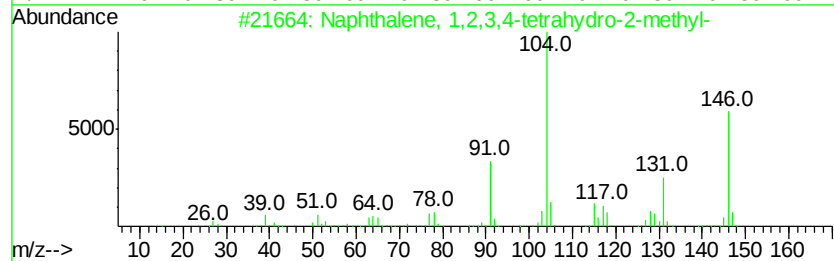
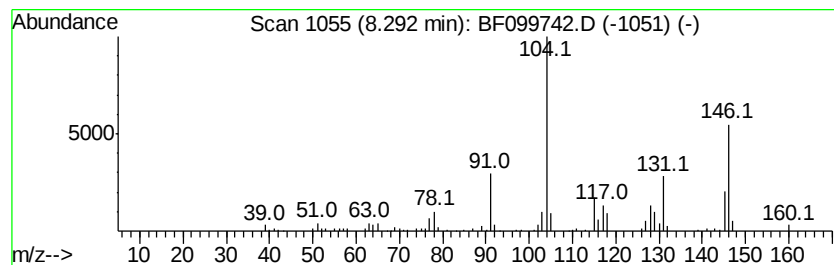
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	5.50 ng	287756	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
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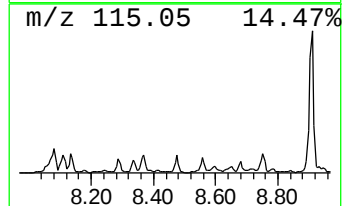
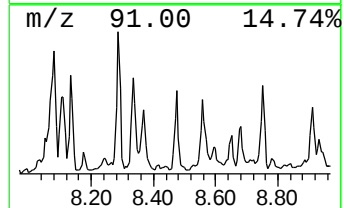
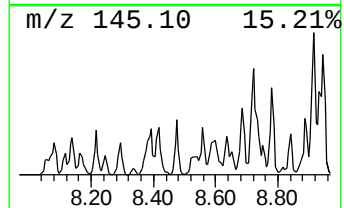
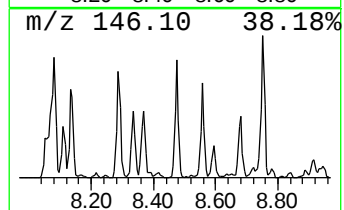
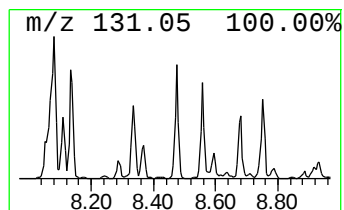
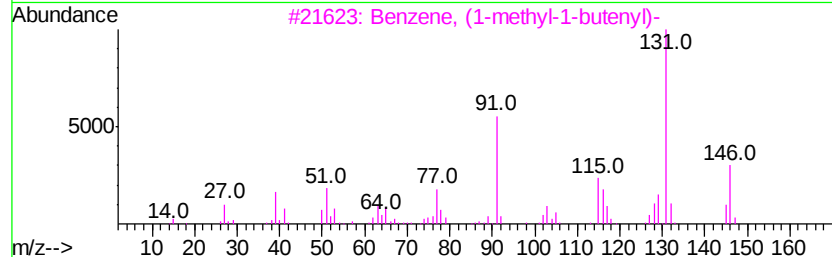
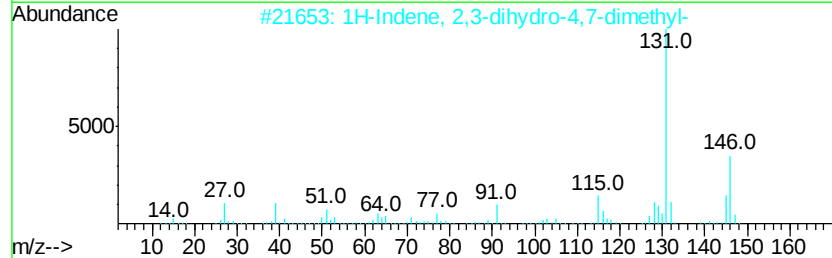
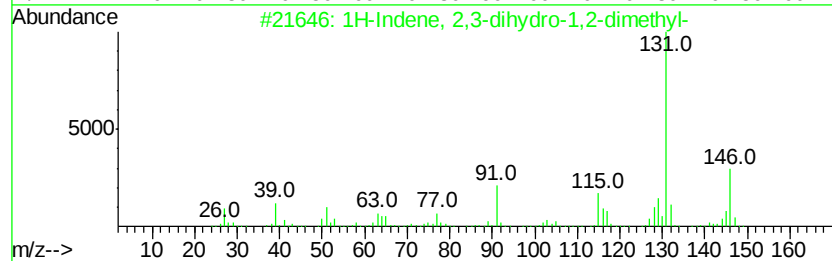
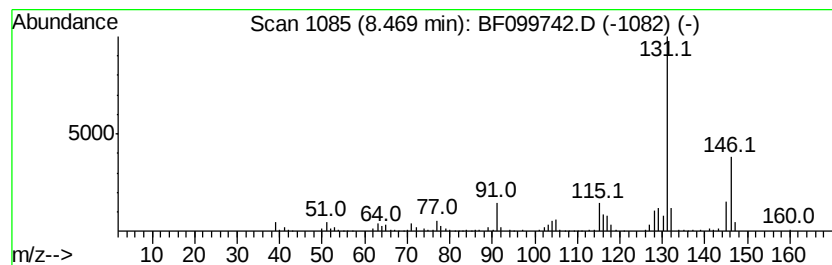
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	6.40 ng	334793	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	96
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

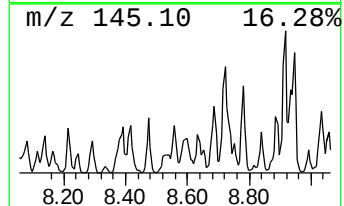
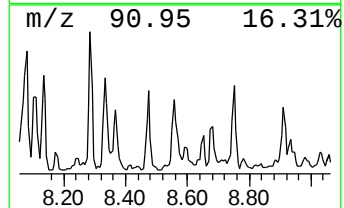
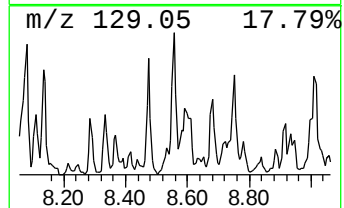
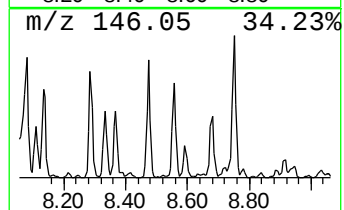
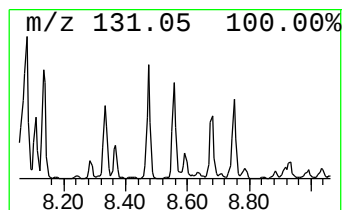
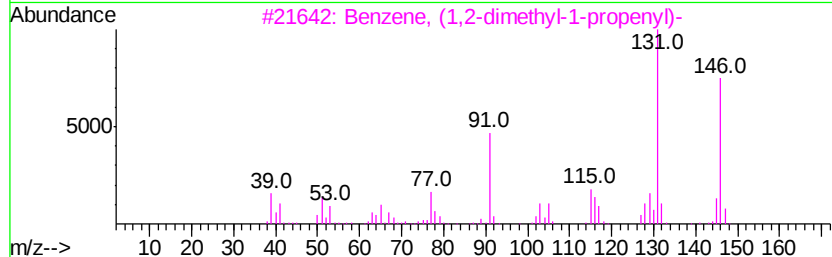
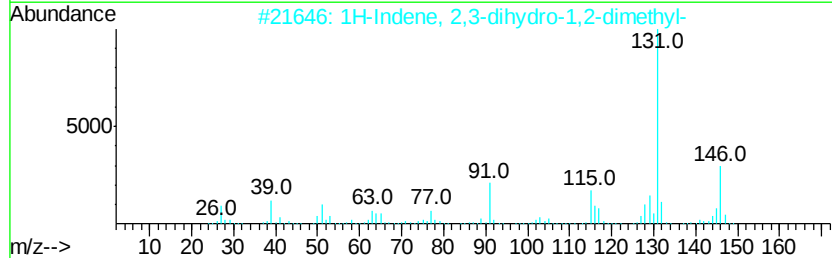
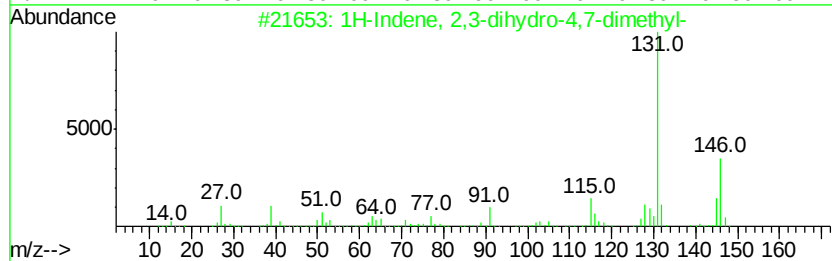
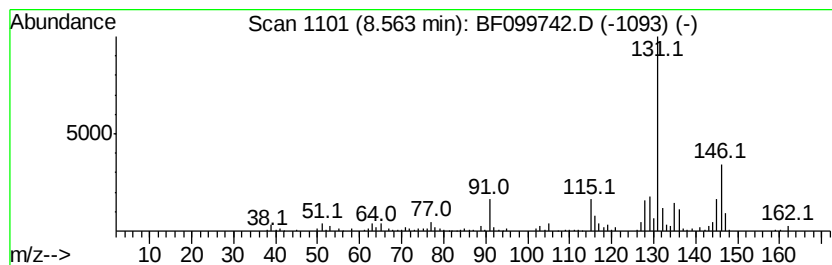
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	8.49 ng	444130	Naphthalene-d8	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-1

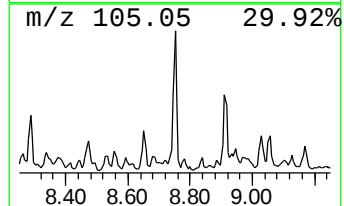
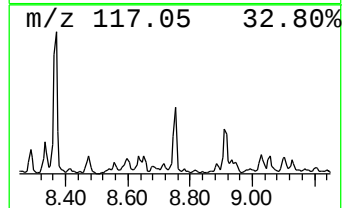
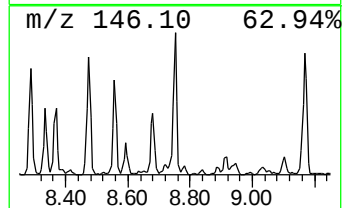
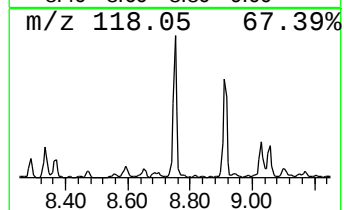
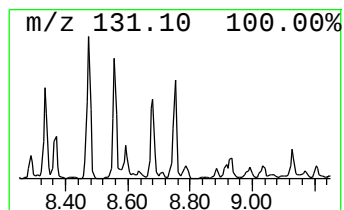
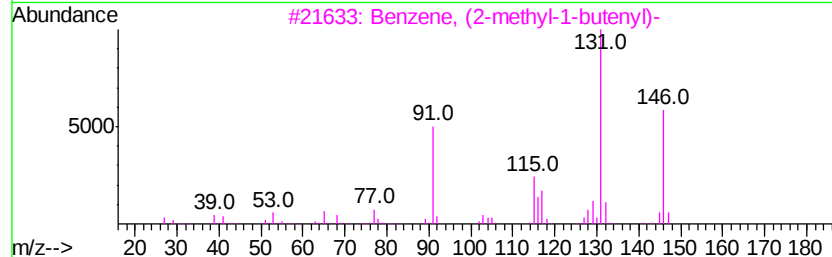
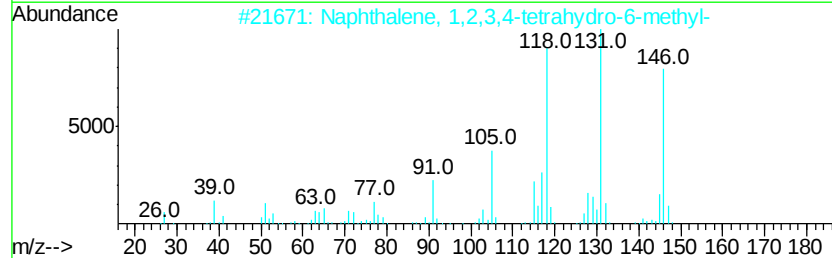
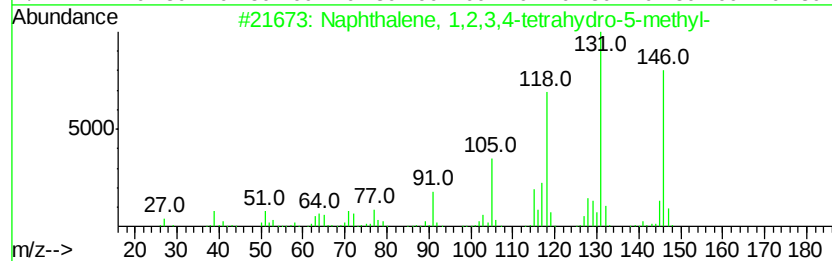
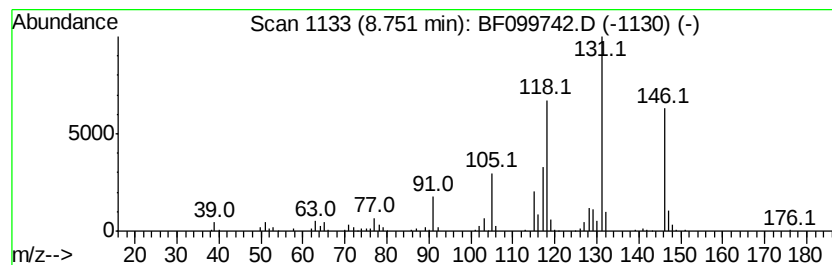
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	8.88 ng	464550	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	70
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

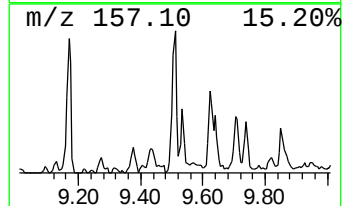
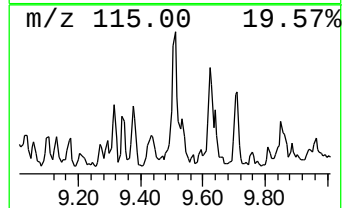
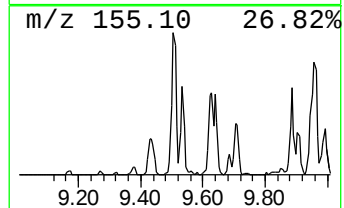
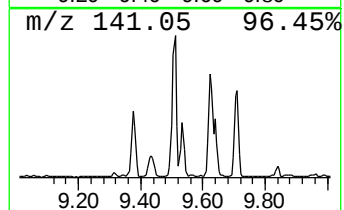
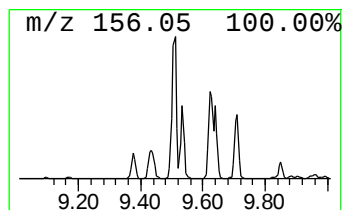
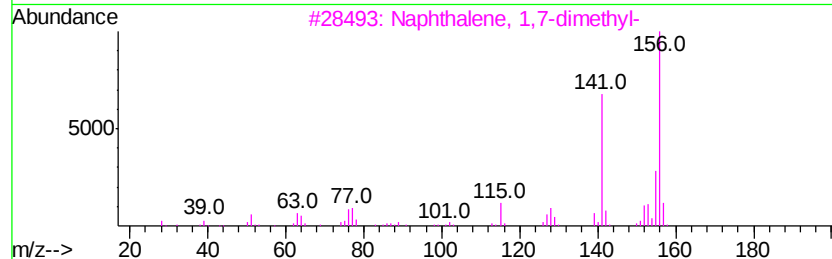
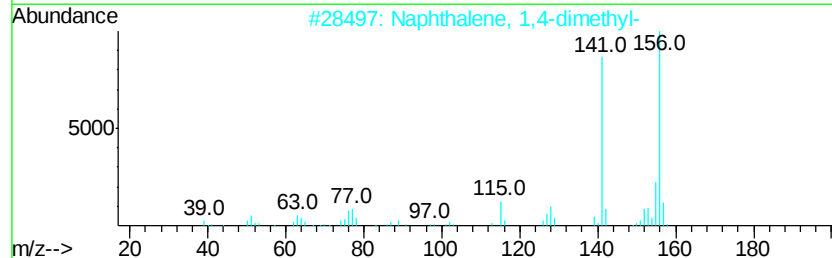
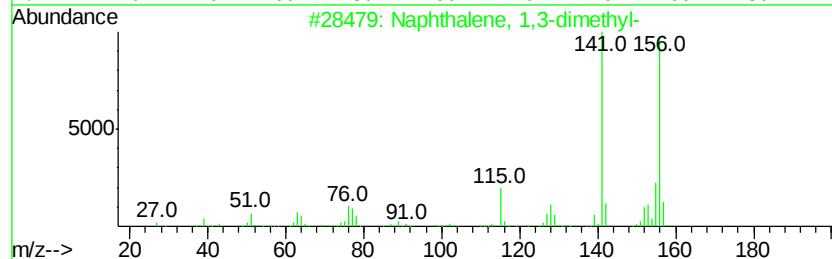
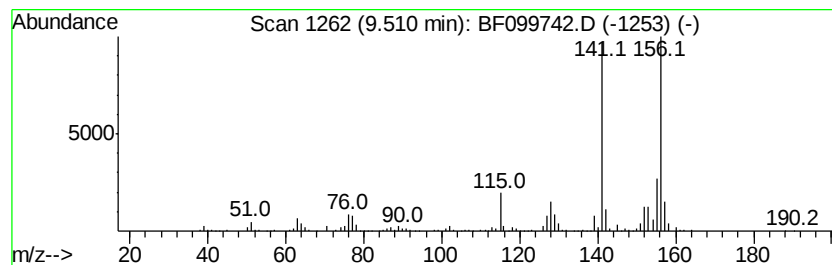
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	13.43 ng	627137	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

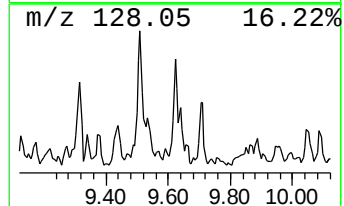
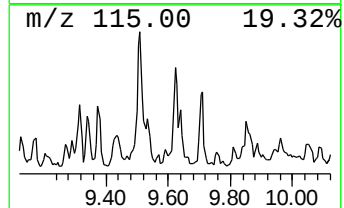
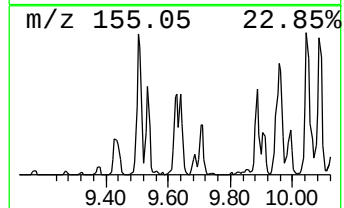
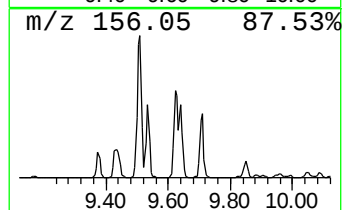
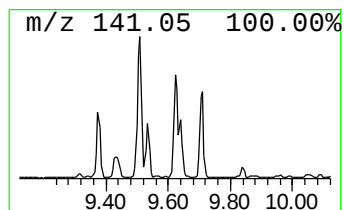
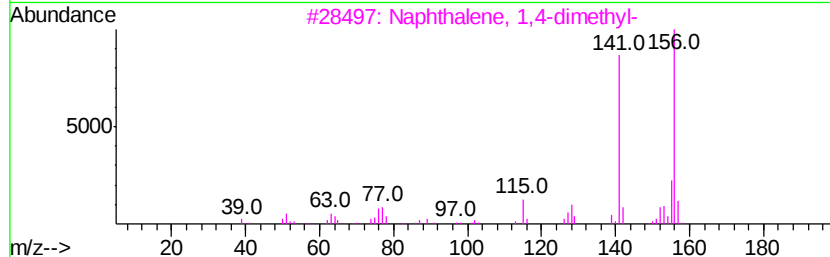
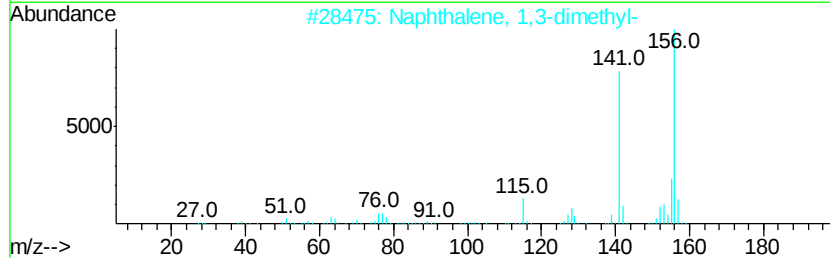
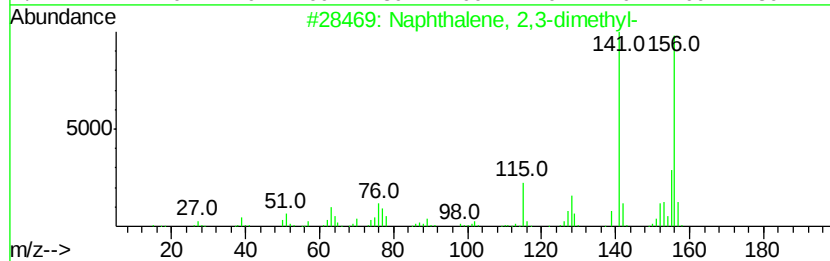
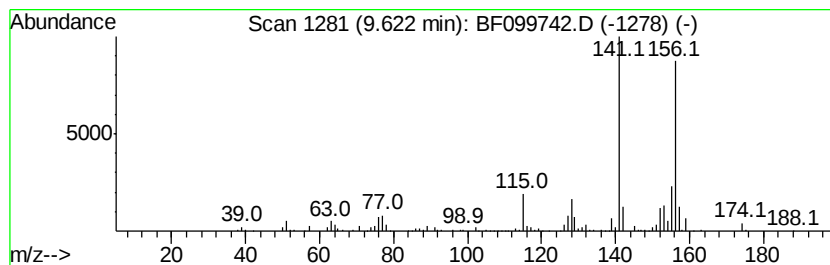
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.78 ng	269901	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

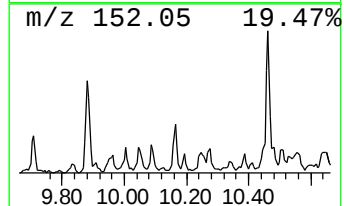
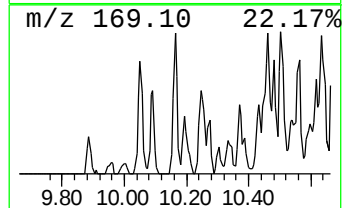
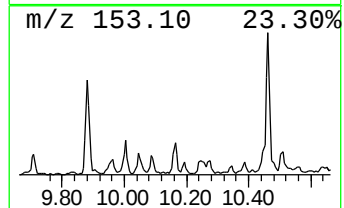
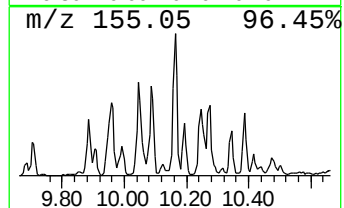
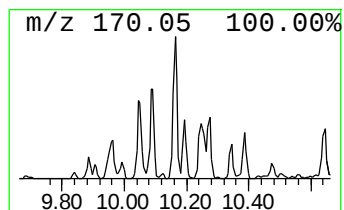
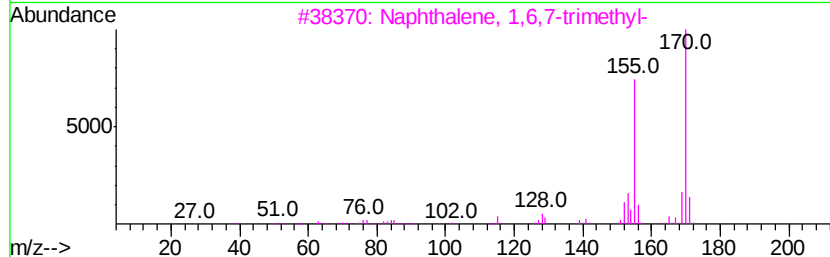
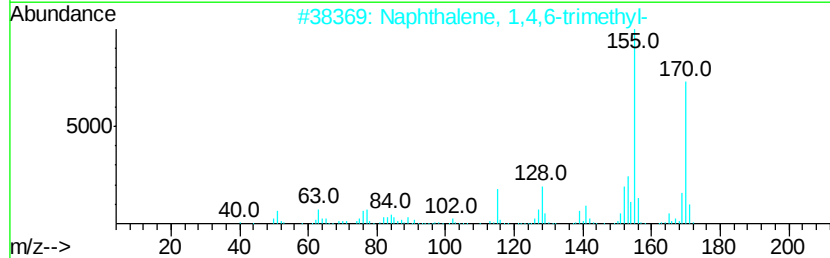
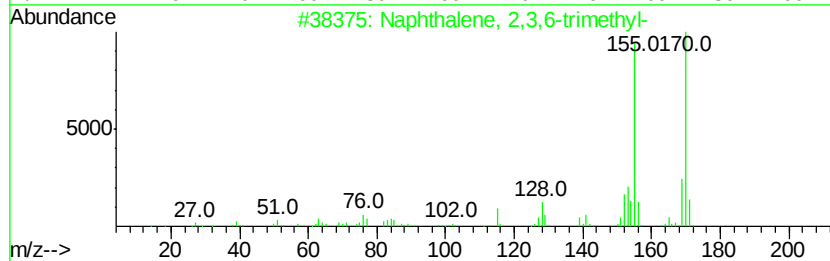
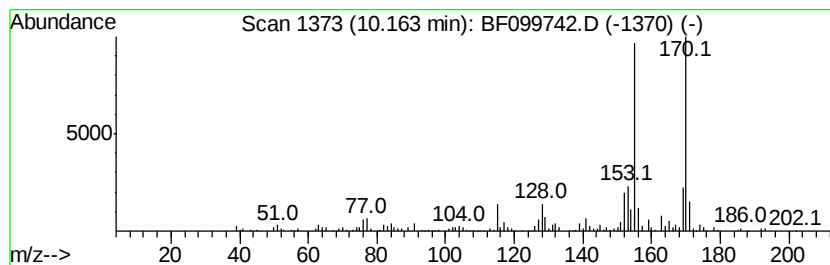
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	6.83 ng	318838	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
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\BF102117\
Data File : BF099742.D
Acq On : 21 Oct 2017 21:54
Operator : SJ/JU
Sample : I6036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

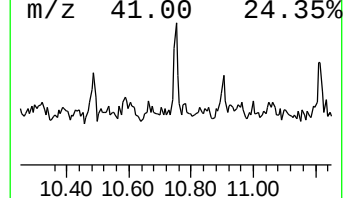
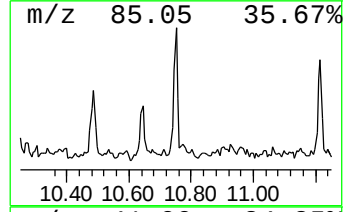
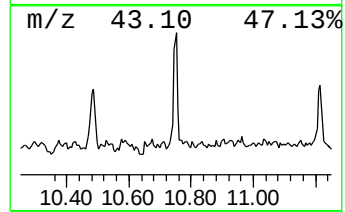
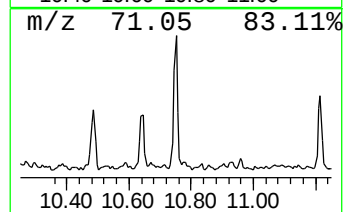
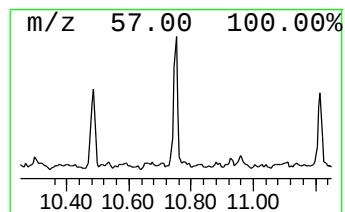
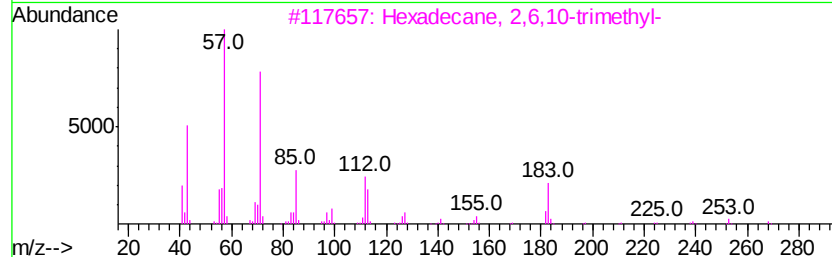
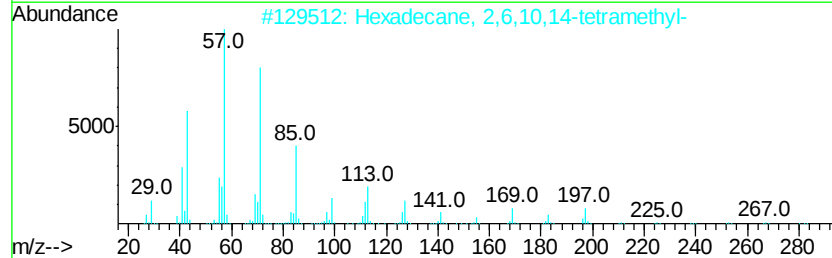
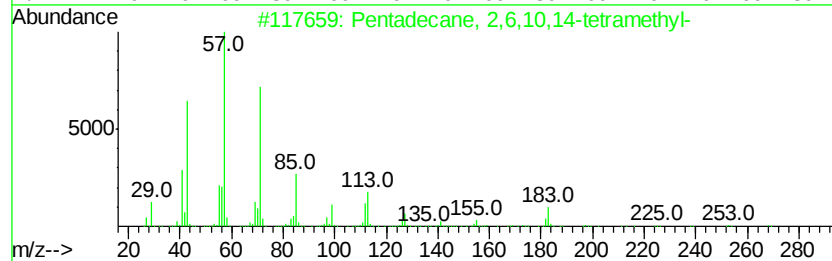
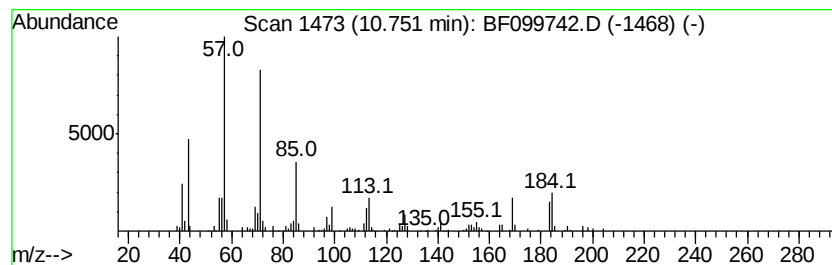
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	5.39 ng	196781	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	62
5		Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
 Data File : BF099742.D
 Acq On : 21 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I6036-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, (1-methy...	5.97	15.4	ng	419602	1	6.82	546242	20.0
Benzene, propyl-	6.27	27.1	ng	739312	1	6.82	546242	20.0
unknown6.59	6.59	60.4	ng	1648420	1	6.82	546242	20.0
Indane	6.99	87.2	ng	2382100	1	6.82	546242	20.0
Benzene, 2-ethyl-...	7.13	10.4	ng	285399	1	6.82	546242	20.0
Benzene, 1,4-diet...	7.15	5.5	ng	148915	1	6.82	546242	20.0
Benzene, 1,2,3,5-...	7.58	12.6	ng	661220	2	8.10	1046760	20.0
1H-Indene, 2,3-di...	7.76	12.4	ng	649056	2	8.10	1046760	20.0
Naphthalene, 1,2,...	8.29	5.5	ng	287756	2	8.10	1046760	20.0
1H-Indene, 2,3-di...	8.47	6.4	ng	334793	2	8.10	1046760	20.0
1H-Indene, 2,3-di...	8.56	8.5	ng	444130	2	8.10	1046760	20.0
Naphthalene, 1,2,...	8.75	8.9	ng	464550	2	8.10	1046760	20.0
Naphthalene, 1,3-...	9.51	13.4	ng	627137	3	9.85	934033	20.0
Naphthalene, 2,3-...	9.62	5.8	ng	269901	3	9.85	934033	20.0
Naphthalene, 2,3,...	10.16	6.8	ng	318838	3	9.85	934033	20.0
Pentadecane, 2,6,...	10.75	5.4	ng	196781	4	11.34	730494	20.0