

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098165.D
 Acq On : 30 Aug 2017 19:39
 Operator : SJ/JU
 Sample : I4979-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	4.516	411	413	430	rBV	537165	710699	4.07%	0.234%
2	5.181	522	526	531	rBV	651330	664634	3.80%	0.219%
3	5.340	549	553	559	rVV	1024955	1592860	9.11%	0.524%
4	5.469	569	575	581	rVB	1309579	1701968	9.74%	0.560%
5	5.887	638	646	649	rBV	767082	777281	4.45%	0.256%
6	5.922	649	652	654	rBV	1608010	1895234	10.84%	0.623%
7	5.945	654	656	662	rVB	1095823	1316278	7.53%	0.433%
8	6.057	672	675	686	rVB	638243	1036116	5.93%	0.341%
9	6.163	692	693	699	rVB2	568897	742173	4.25%	0.244%
10	6.245	701	707	710	rBV2	878850	1284175	7.35%	0.422%
11	6.281	710	713	717	rVB	1322820	1219593	6.98%	0.401%
12	6.328	717	721	724	rBV	1647496	1676680	9.59%	0.552%
13	6.381	724	730	733	rBV	861430	1784435	10.21%	0.587%
14	6.428	733	738	740	rVV2	3395381	4372482	25.01%	1.438%
15	6.445	740	741	747	rVB3	1297427	1535294	8.78%	0.505%
16	6.504	747	751	755	rBV	1999877	2830742	16.19%	0.931%
17	6.557	755	760	764	rVB2	3931805	5193550	29.71%	1.708%
18	6.681	771	781	786	rBV4	2187255	4258175	24.36%	1.401%
19	6.728	786	789	791	rBV2	841007	970039	5.55%	0.319%
20	6.763	791	795	797	rVV3	916896	1385635	7.93%	0.456%
21	6.816	797	804	807	rVV3	3848895	7192168	41.14%	2.366%
22	6.851	807	810	813	rVB3	581830	683452	3.91%	0.225%
23	6.928	813	823	826	rVB2	5760627	11776905	67.37%	3.874%
24	6.981	826	832	835	rBV4	1382028	1944899	11.13%	0.640%
25	7.010	835	837	840	rVB	1031458	873413	5.00%	0.287%
26	7.051	840	844	847	rBV	2914848	3437126	19.66%	1.131%
27	7.122	854	856	859	rVB2	875167	801383	4.58%	0.264%
28	7.198	866	869	871	rBV	1061382	1060470	6.07%	0.349%
29	7.228	871	874	876	rVB	1059447	1015312	5.81%	0.334%
30	7.275	876	882	884	rBV	3107618	4334970	24.80%	1.426%
31	7.304	884	887	890	rVB	4174942	4937145	28.24%	1.624%
32	7.381	895	900	903	rVB2	2254293	2299628	13.16%	0.756%
33	7.439	903	910	913	rBV3	2758893	4934030	28.23%	1.623%
34	7.510	917	922	924	rBV	2008680	2765030	15.82%	0.910%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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35	7.534	924	926	930	rVB	2721312	2727691	15.60%	0.897%
36	7.651	936	946	948	rBV5	1351409	2508290	14.35%	0.825%
37	7.698	948	954	959	rVB2	4198490	7507749	42.95%	2.470%
38	7.769	959	966	970	rBV4	4902205	11118890	63.61%	3.658%
39	7.810	970	973	980	rVB3	1374472	2207359	12.63%	0.726%
40	8.051	1001	1014	1018	rBV9	4716838	17480913	100.00%	5.750%
41	8.122	1023	1026	1029	rVV3	3674608	5127252	29.33%	1.687%
42	8.151	1029	1031	1033	rVB	1486576	1093548	6.26%	0.360%
43	8.181	1033	1036	1037	rBV3	1415445	1349422	7.72%	0.444%
44	8.204	1037	1040	1042	rVV	2518793	2814240	16.10%	0.926%
45	8.228	1042	1044	1046	rVB2	1676462	1310282	7.50%	0.431%
46	8.263	1046	1050	1053	rBV3	872992	1445053	8.27%	0.475%
47	8.304	1053	1057	1062	rVV4	2691896	3924925	22.45%	1.291%
48	8.345	1062	1064	1067	rVB2	1073112	868704	4.97%	0.286%
49	8.410	1071	1075	1078	rBV2	2653303	3384760	19.36%	1.113%
50	8.457	1078	1083	1085	rVV2	1915682	2704826	15.47%	0.890%
51	8.492	1087	1089	1093	rVV	1657522	2295932	13.13%	0.755%
52	8.528	1093	1095	1100	rVB3	1073344	1514243	8.66%	0.498%
53	8.751	1125	1133	1135	rBV5	2527096	6750477	38.62%	2.221%
54	8.869	1145	1153	1157	rBV4	2346591	8030193	45.94%	2.642%
55	8.939	1163	1165	1169	rVB4	1453410	1390828	7.96%	0.458%
56	8.981	1169	1172	1175	rVB4	1565205	1884308	10.78%	0.620%
57	9.028	1175	1180	1182	rBV4	1016065	1632604	9.34%	0.537%
58	9.057	1182	1185	1189	rVV3	2223128	2557113	14.63%	0.841%
59	9.104	1190	1193	1198	rVB2	1469608	1757752	10.06%	0.578%
60	9.222	1206	1213	1216	rBV	2718602	5736169	32.81%	1.887%
61	9.322	1221	1230	1234	rVB2	3072800	7937115	45.40%	2.611%
62	9.386	1234	1241	1243	rBV	3073457	6915163	39.56%	2.275%
63	9.463	1249	1254	1258	rBV2	2064784	5481809	31.36%	1.803%
64	9.592	1270	1276	1277	rBV3	2619395	5104331	29.20%	1.679%
65	9.663	1282	1288	1290	rVB2	2841834	4414563	25.25%	1.452%
66	9.804	1304	1312	1314	rBV	2612290	5492528	31.42%	1.807%
67	9.904	1325	1329	1333	rBV2	2108215	3818790	21.85%	1.256%
68	9.951	1333	1337	1340	rBV3	2261821	3305472	18.91%	1.087%
69	10.010	1340	1347	1348	rBV3	2096223	4021401	23.00%	1.323%
70	10.110	1360	1364	1367	rBV2	2604381	3682747	21.07%	1.211%
71	10.139	1367	1369	1374	rVB3	2162697	2082228	11.91%	0.685%

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72	10.198	1375	1379	1381	rBV2	1905254	2769076	15.84%	0.911%
73	10.280	1390	1393	1395	rBV2	1252412	1248710	7.14%	0.411%
74	10.345	1400	1404	1407	rBV4	1562512	3192159	18.26%	1.050%
75	10.551	1437	1439	1441	rBV2	831317	843094	4.82%	0.277%
76	10.580	1441	1444	1448	rVV3	1653910	3031647	17.34%	0.997%
77	10.628	1450	1452	1454	rVB2	1146627	848030	4.85%	0.279%
78	10.710	1459	1466	1472	rVB5	2676678	4997217	28.59%	1.644%
79	10.763	1472	1475	1478	rBV4	1075112	1156828	6.62%	0.381%
80	10.880	1489	1495	1498	rBV3	1675809	3205937	18.34%	1.055%
81	10.916	1498	1501	1504	rVB2	1185863	1286212	7.36%	0.423%
82	11.027	1516	1520	1525	rVB4	1430570	2755477	15.76%	0.906%
83	11.122	1533	1536	1541	rBV4	997618	1515013	8.67%	0.498%
84	11.175	1541	1545	1551	rVB2	2431279	3928870	22.48%	1.292%
85	11.304	1560	1567	1571	rBV2	2429339	7101189	40.62%	2.336%
86	11.369	1573	1578	1582	rVB	2029467	2972123	17.00%	0.978%
87	11.769	1643	1646	1649	rBV	1203006	1495409	8.55%	0.492%
88	11.804	1649	1652	1656	rVB	1540771	1720663	9.84%	0.566%
89	11.851	1657	1660	1662	rBV2	746688	875389	5.01%	0.288%
90	11.886	1663	1666	1668	rBV	1227935	1525463	8.73%	0.502%
91	12.063	1693	1696	1699	rVB	1044872	920315	5.26%	0.303%
92	12.216	1718	1722	1725	rBV	1552964	2157308	12.34%	0.710%
93	12.310	1735	1738	1743	rBV3	996010	1395161	7.98%	0.459%
94	12.492	1764	1769	1771	rBV	2366273	3521217	20.14%	1.158%
95	12.522	1771	1774	1779	rVB	1712693	1985525	11.36%	0.653%
96	12.716	1800	1807	1811	rBV3	2400603	4464229	25.54%	1.469%
97	12.839	1826	1828	1835	rVB	1258641	1556665	8.90%	0.512%
98	13.880	2001	2005	2008	rBV2	991699	1442301	8.25%	0.474%
99	13.910	2008	2010	2019	rVB	782030	910918	5.21%	0.300%
100	14.892	2174	2177	2187	rVB	424603	787673	4.51%	0.259%

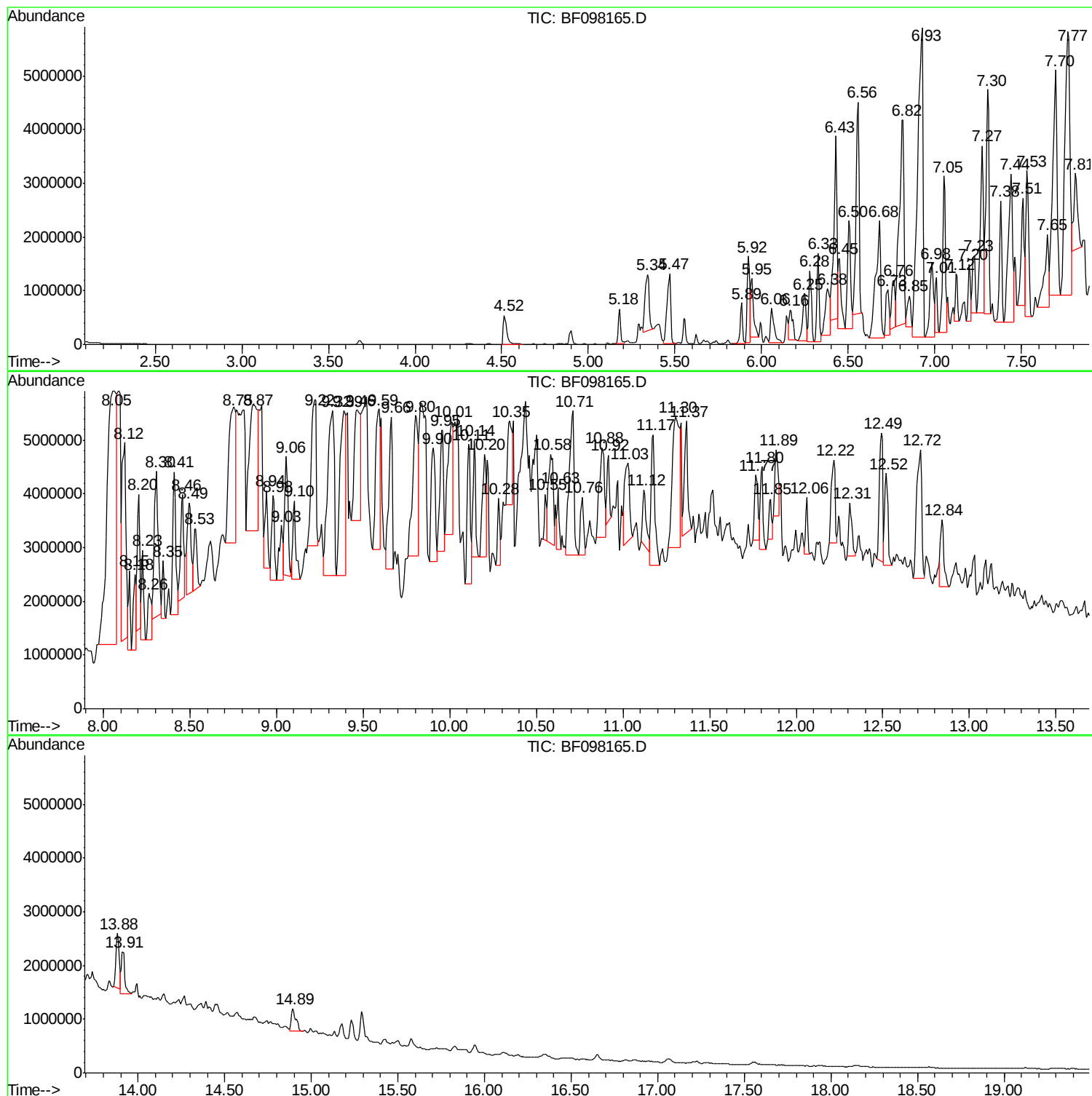
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-1

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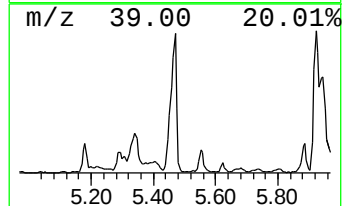
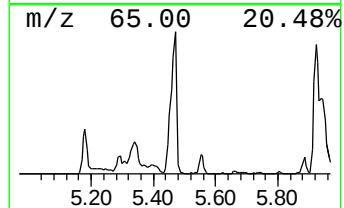
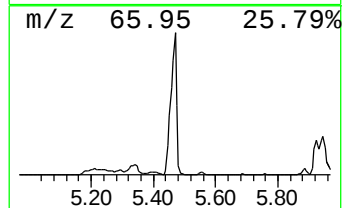
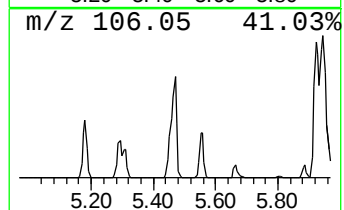
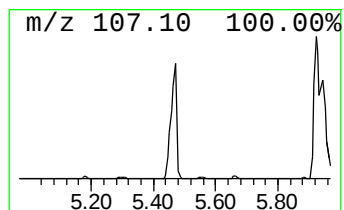
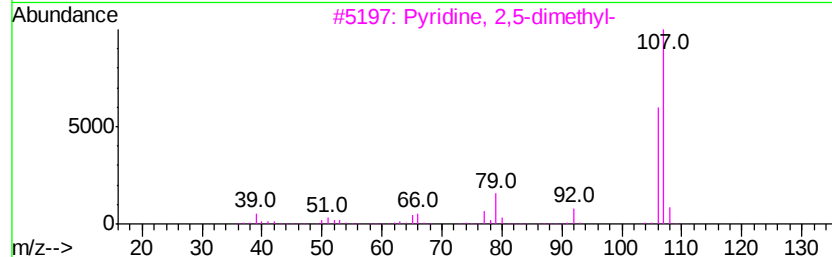
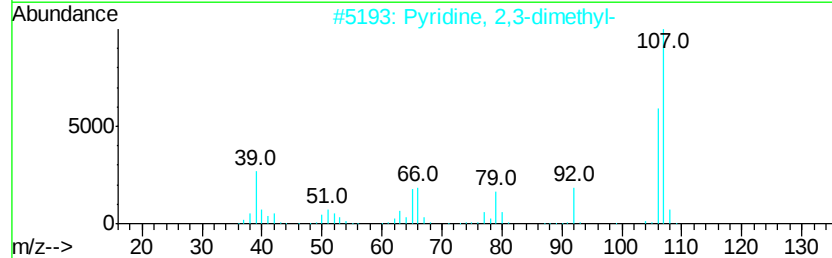
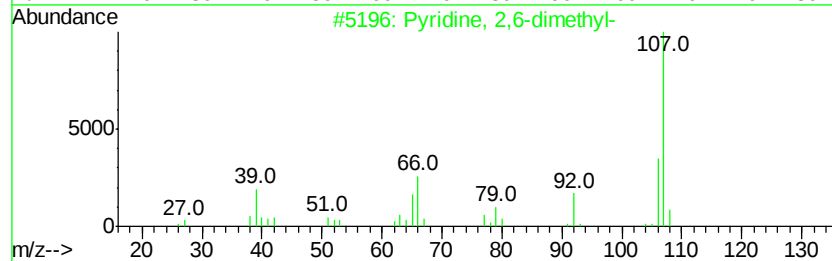
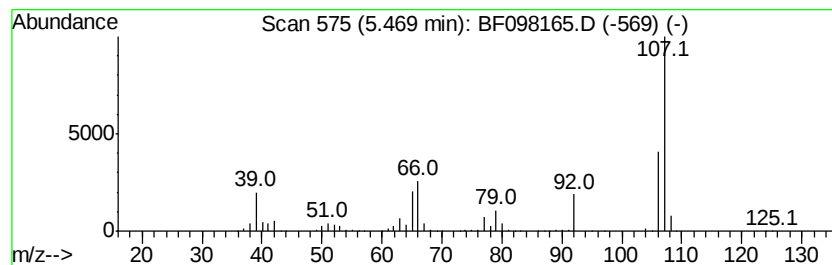
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pyridine, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	35.09 ng	1701970	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	96
2		Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	70
3		Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	53
4		Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	52
5		6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	47



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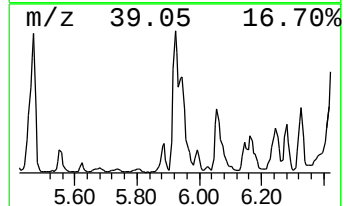
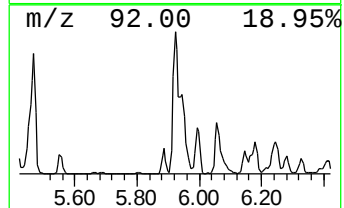
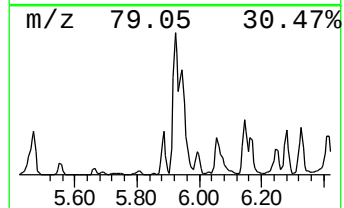
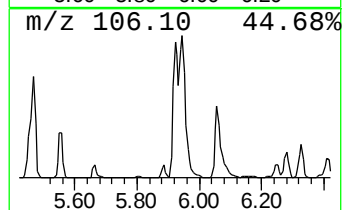
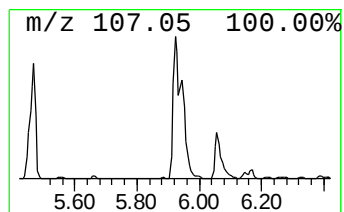
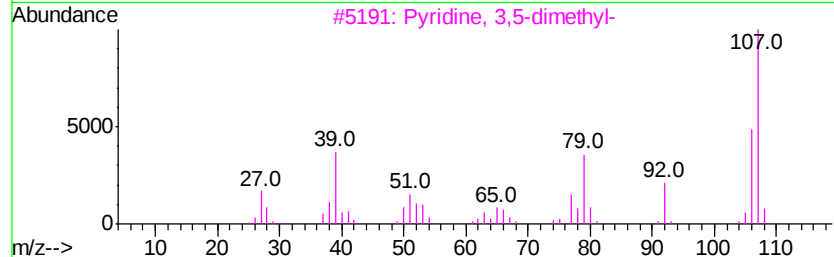
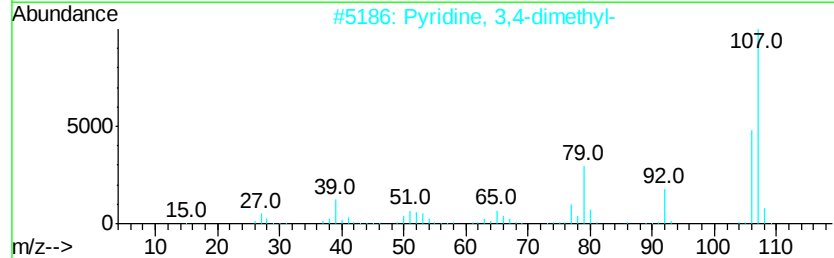
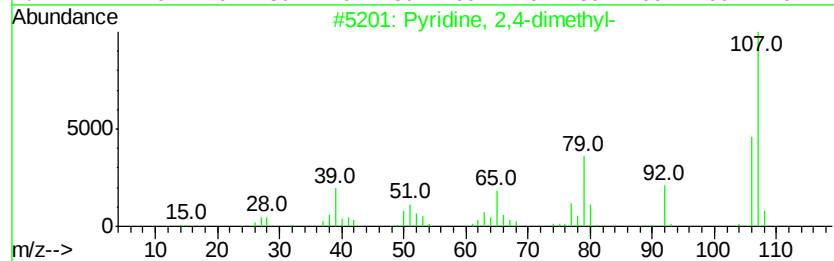
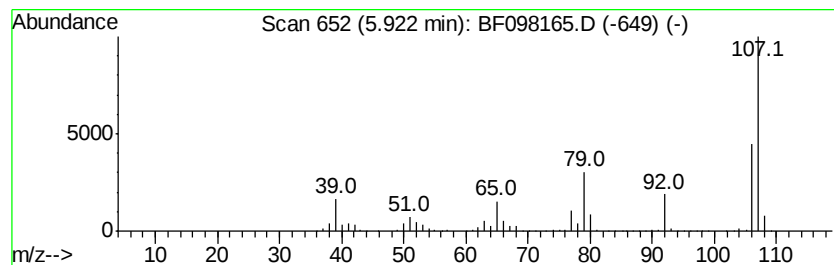
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pyridine, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	39.08 ng	1895230	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	96
2			Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	95
3			Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	93
4			Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	91
5			Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90



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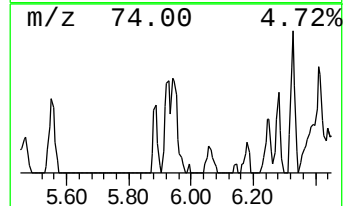
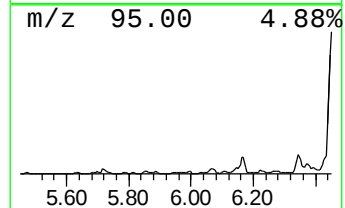
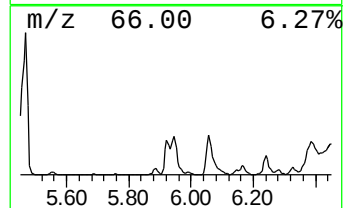
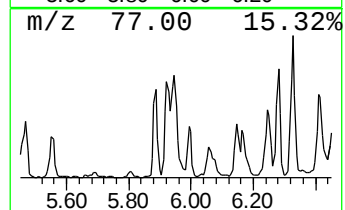
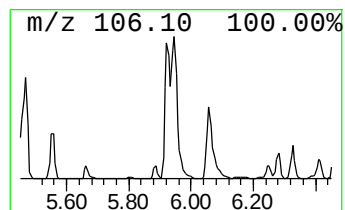
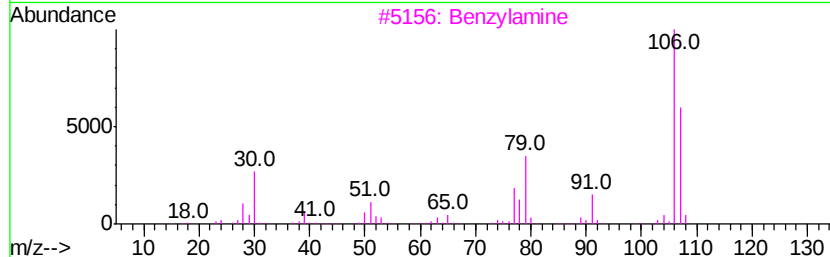
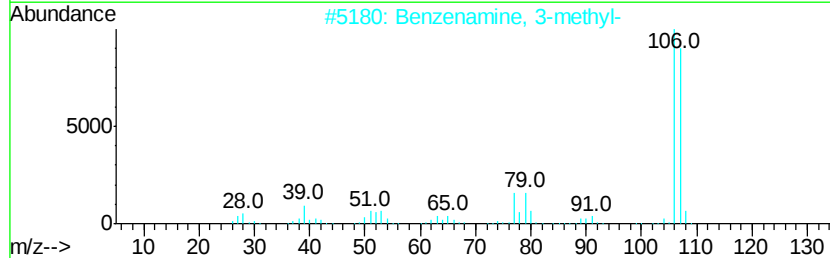
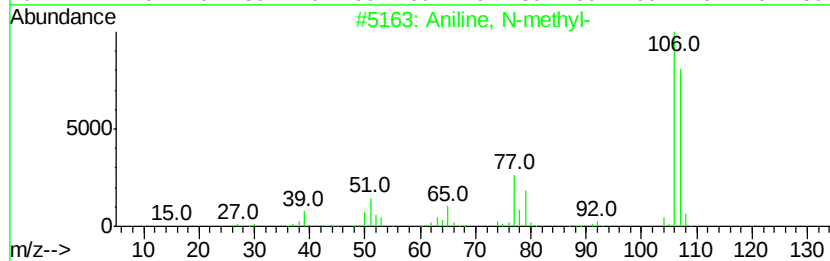
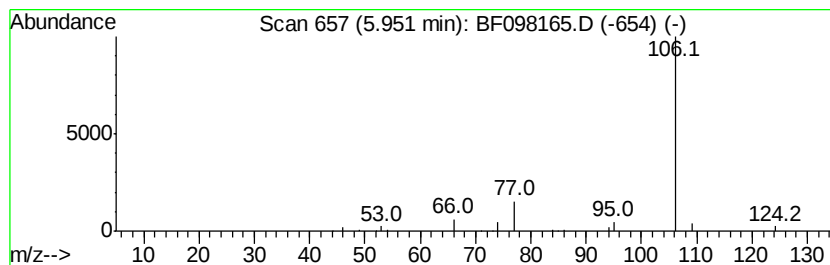
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Aniline, N-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.95	27.14 ng	1316280	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, N-methyl-	107	C7H9N	000100-61-8	86
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	86
3	Benzylamine	107	C7H9N	000100-46-9	72
4	p-Aminotoluene	107	C7H9N	000106-49-0	64
5	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	64



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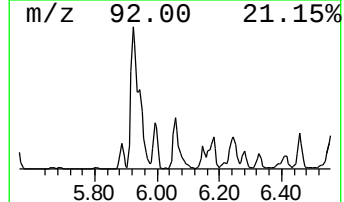
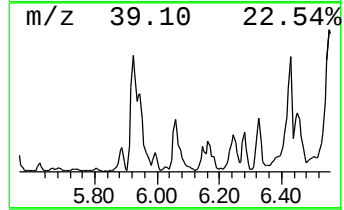
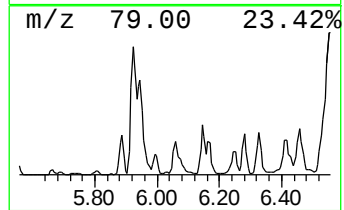
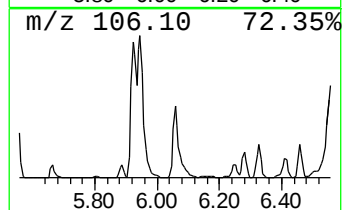
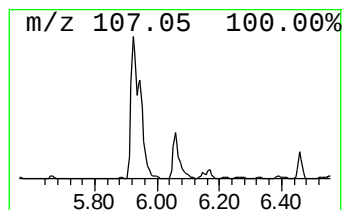
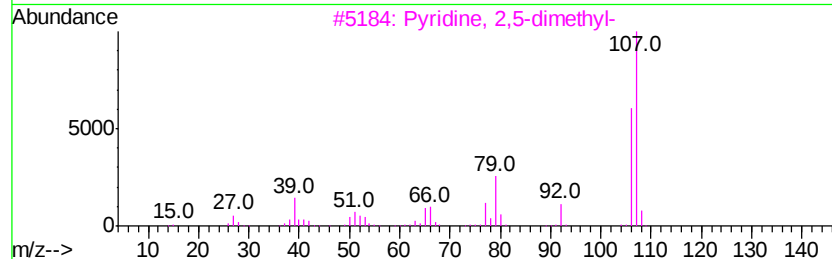
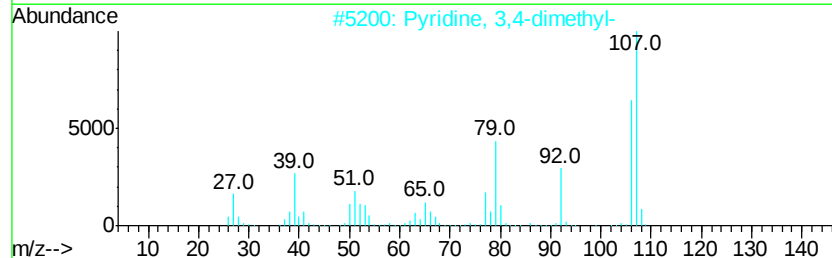
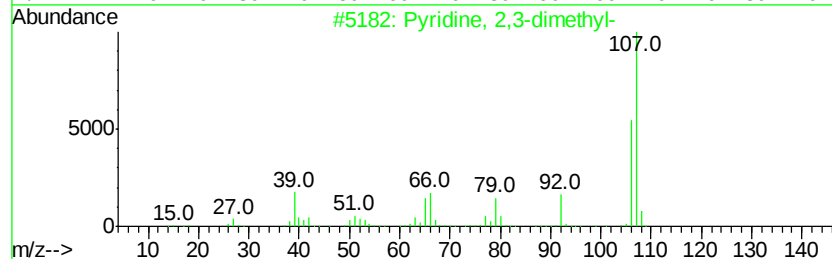
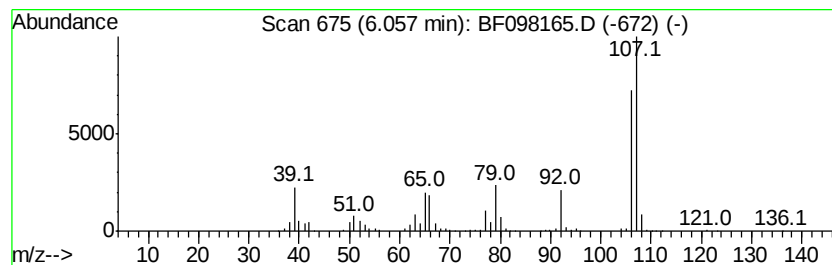
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pyridine, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	21.36 ng	1036120	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	97
2		Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	87
3		Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	81
4		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	81
5		Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	81



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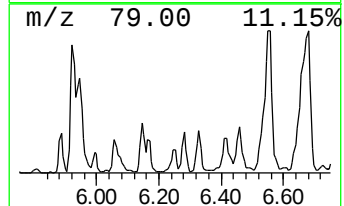
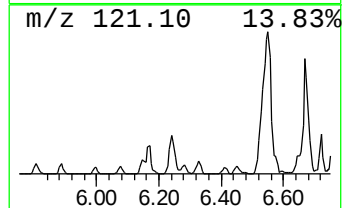
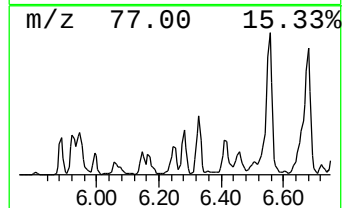
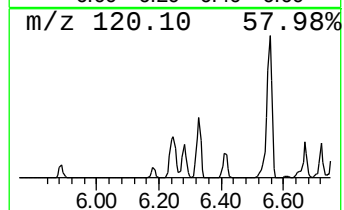
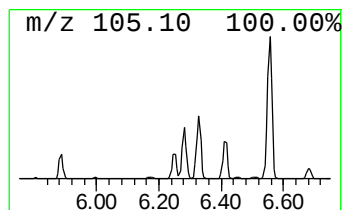
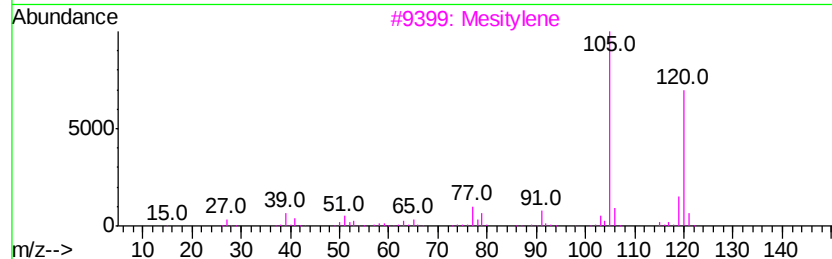
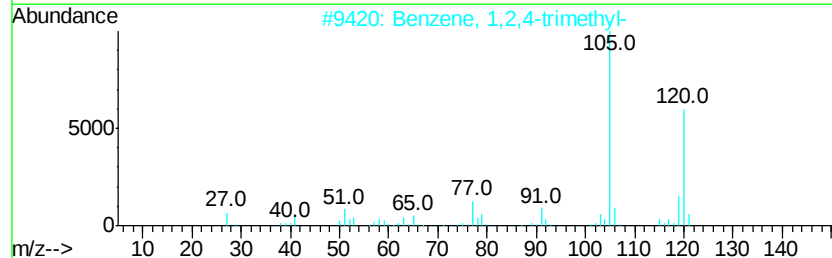
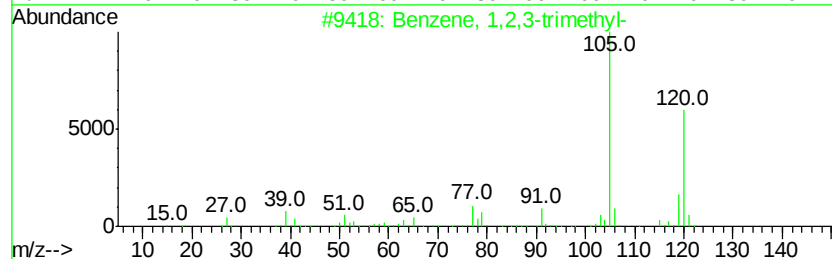
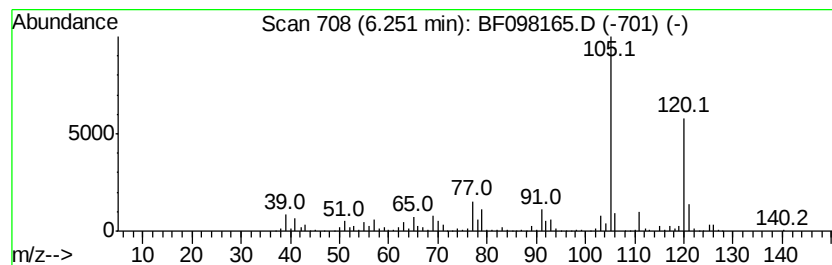
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	26.48 ng	1284180	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3		Mesitylene	120	C9H12	000108-67-8	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72



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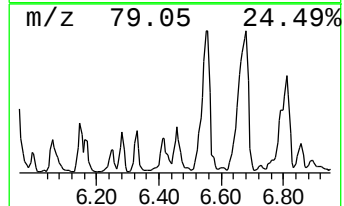
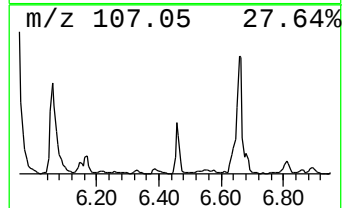
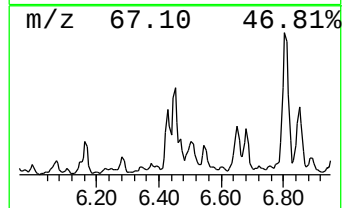
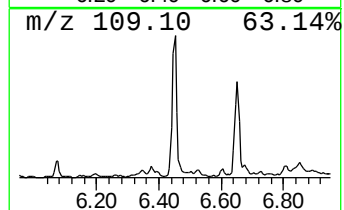
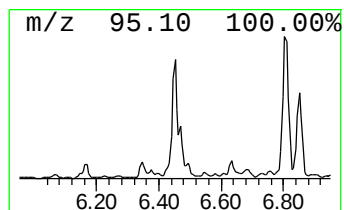
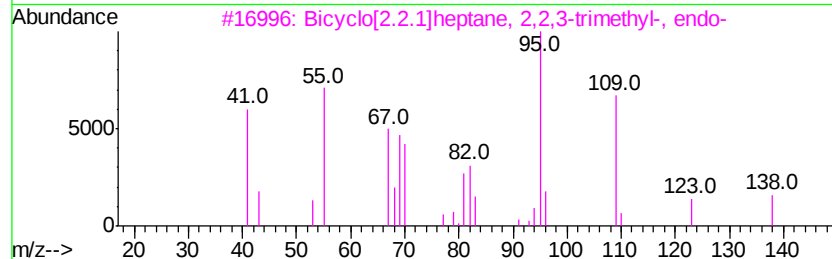
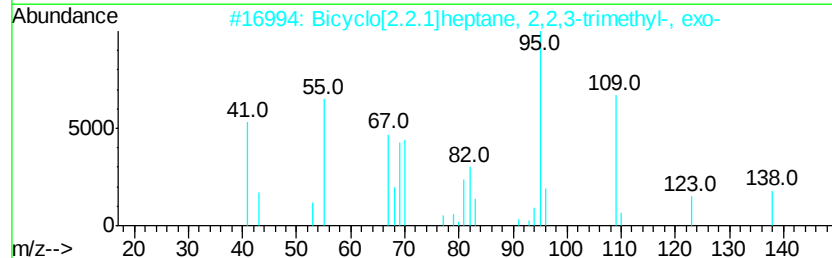
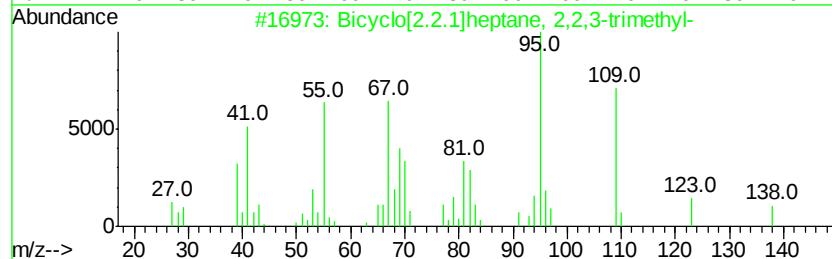
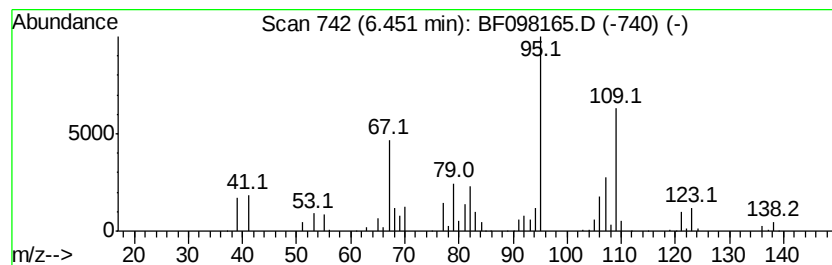
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	31.65 ng	1535290	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	78
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	72
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	72
4		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	64
5		trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	43



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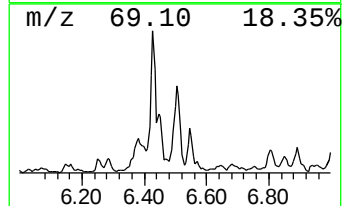
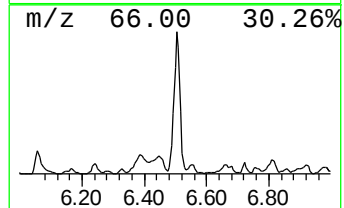
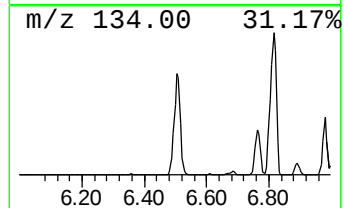
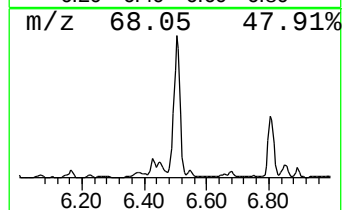
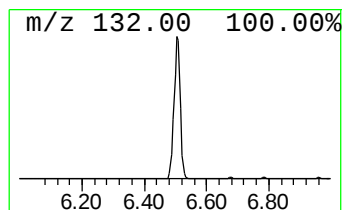
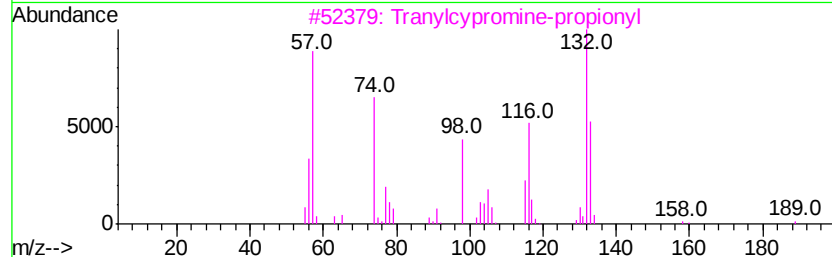
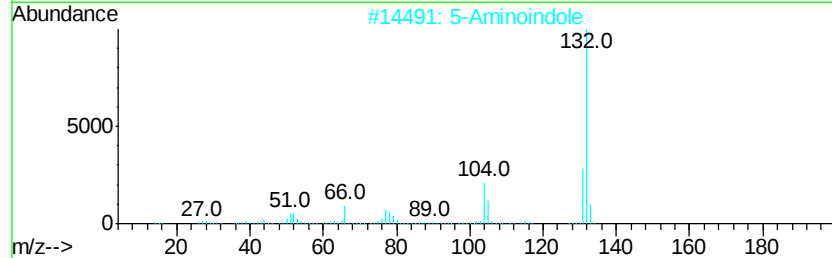
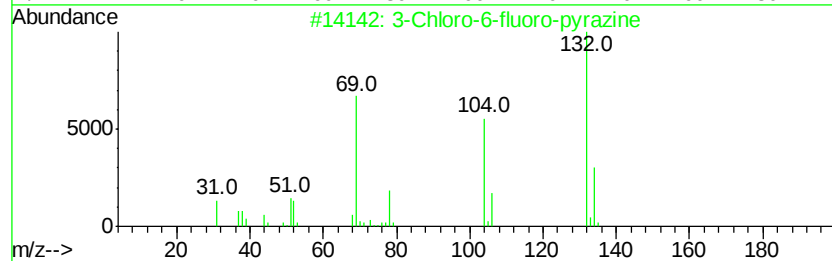
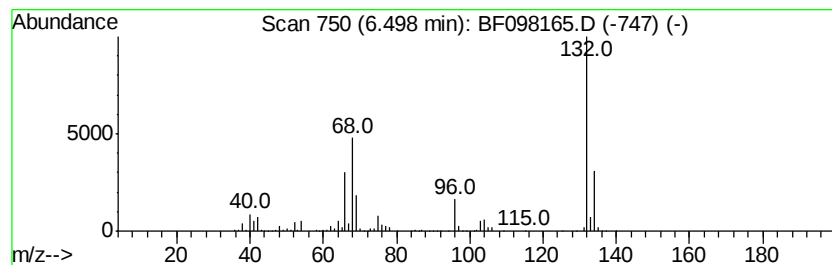
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 9 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	58.36 ng	2830740	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5		Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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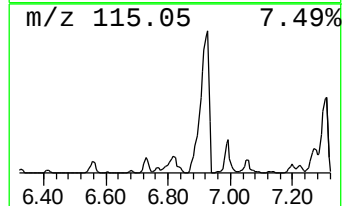
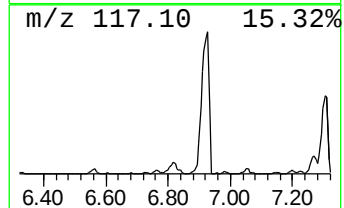
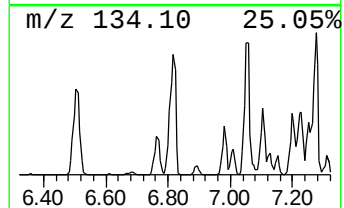
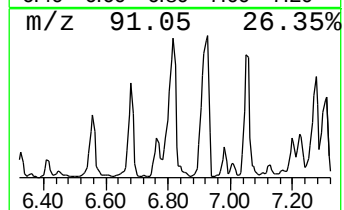
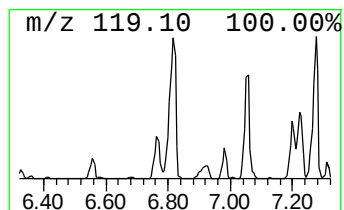
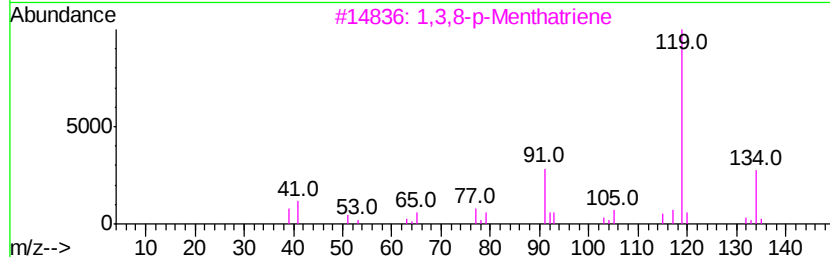
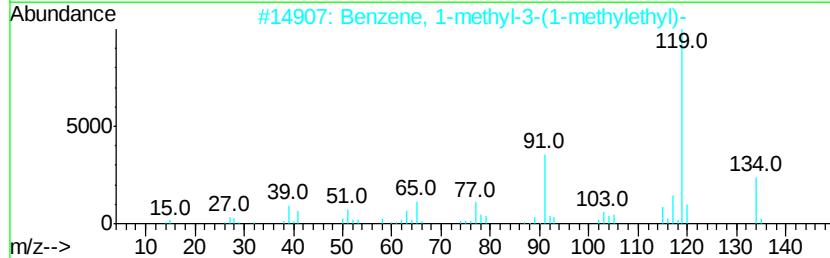
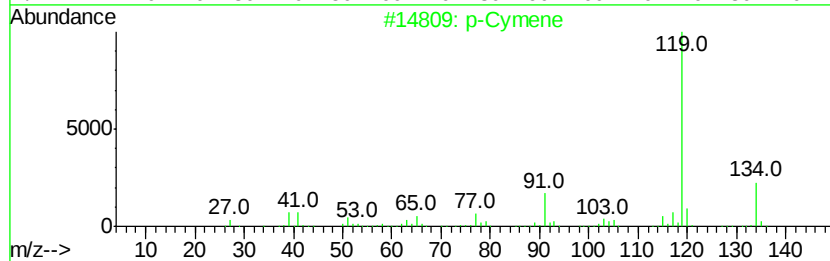
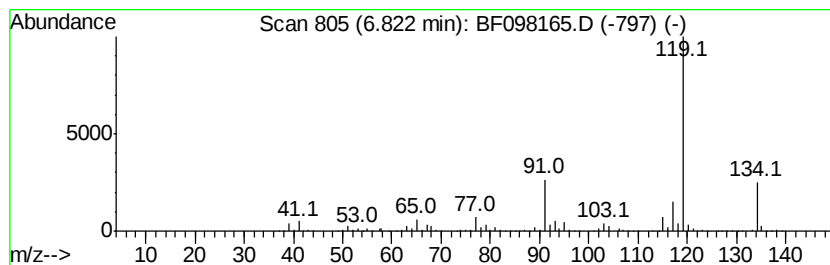
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Peak Number 11 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	148.29 ng	7192170	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	93
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89
3		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	81
4		o-Cymene	134	C10H14	000527-84-4	76
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68



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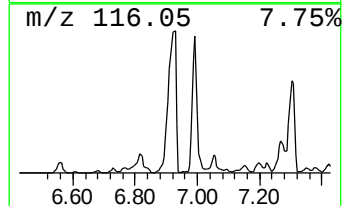
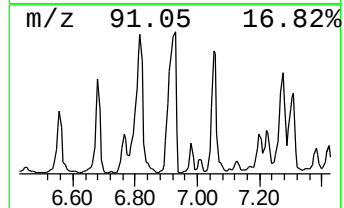
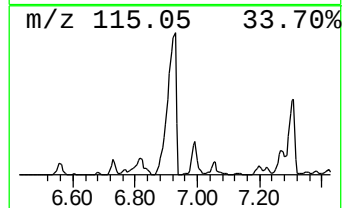
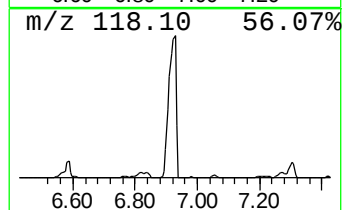
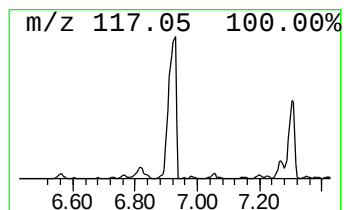
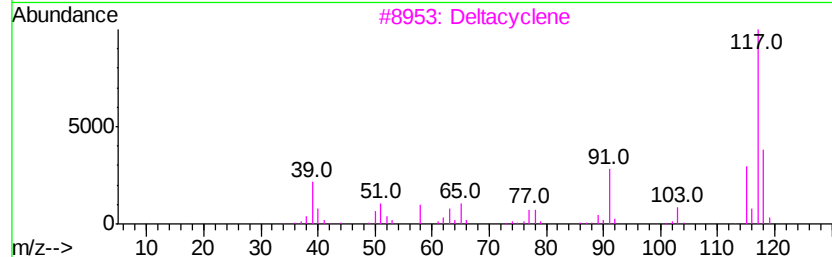
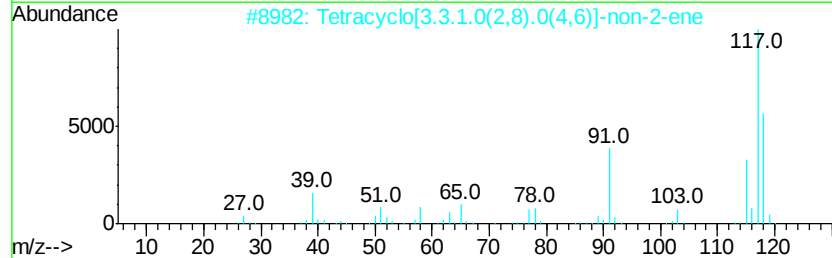
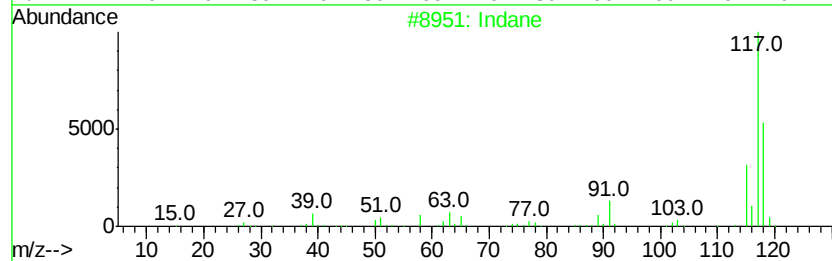
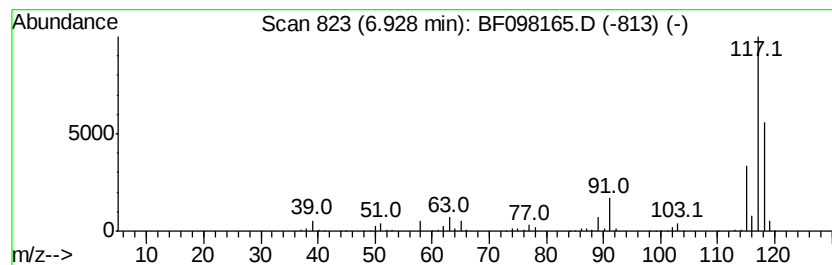
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	242.81 ng	11776900	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
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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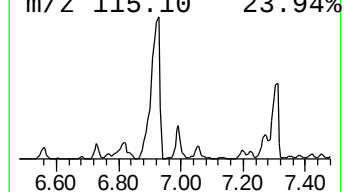
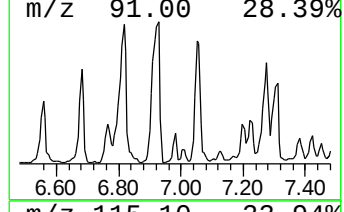
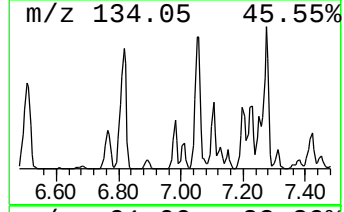
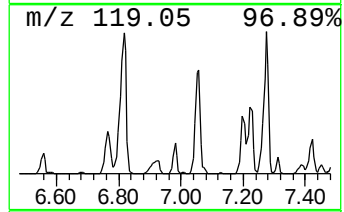
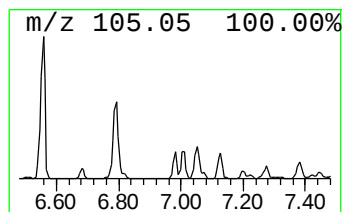
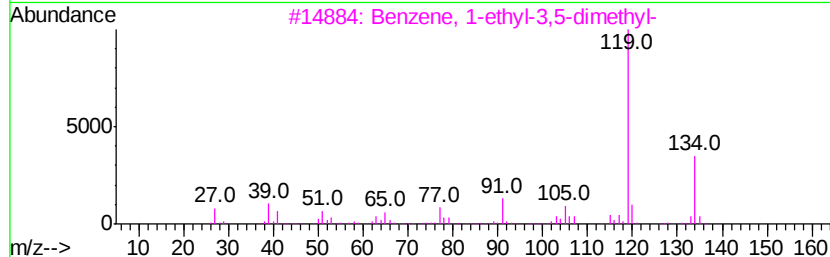
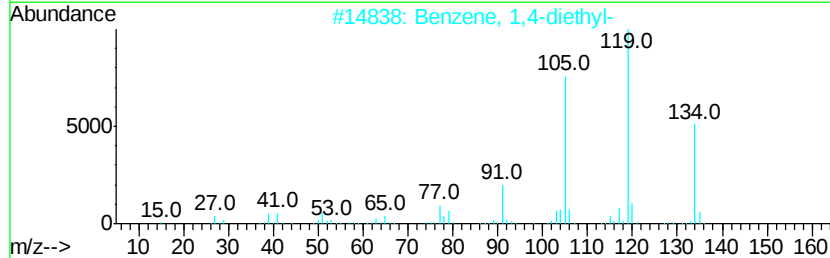
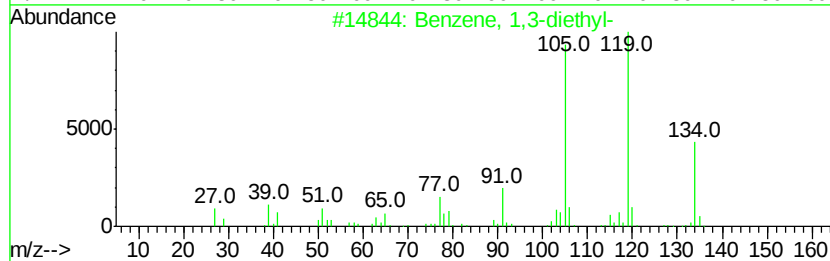
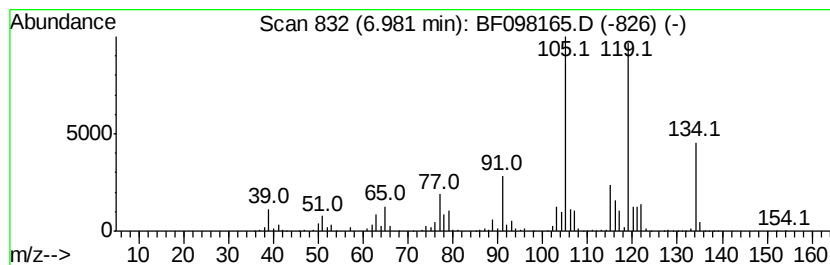
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	40.10 ng	1944900	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4		o-Cymene	134	C10H14	000527-84-4	62
5		Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
Operator : SJ/JU
Sample : I4979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-1

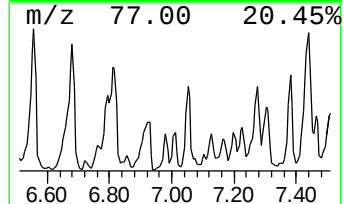
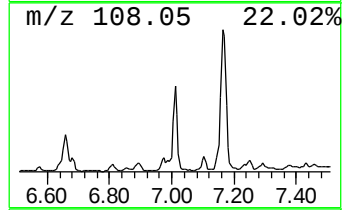
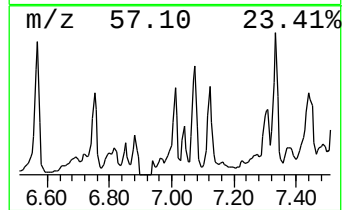
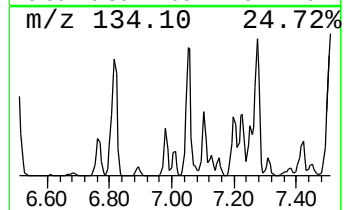
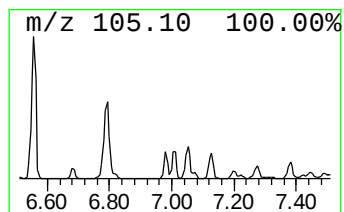
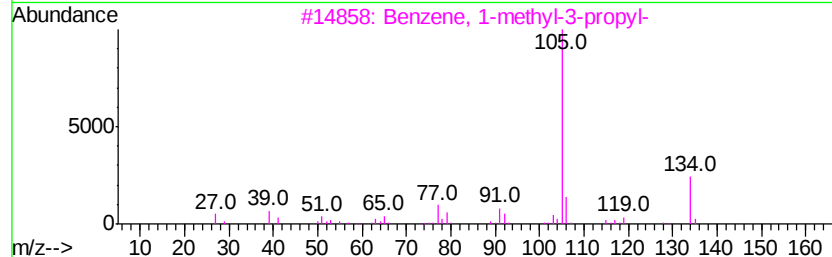
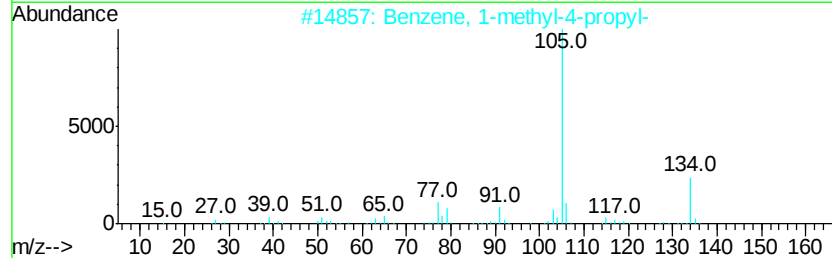
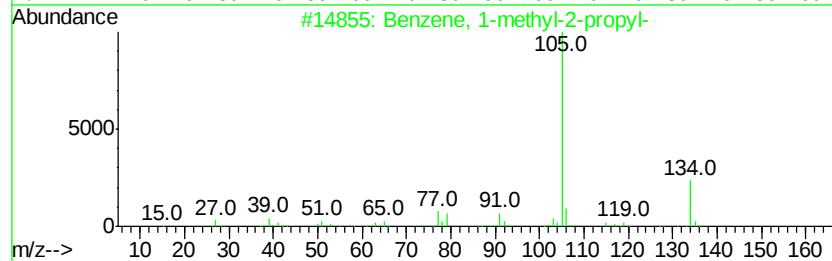
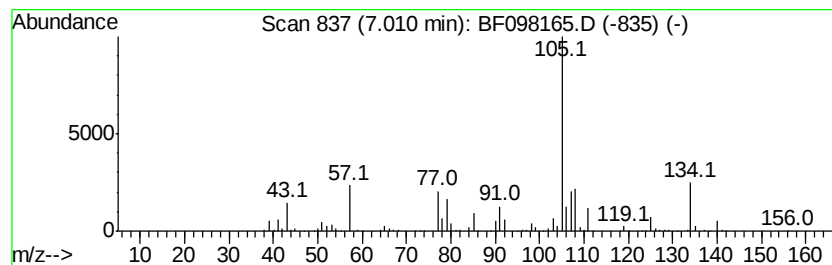
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	18.01 ng	873413	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	45
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	45
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5		2-Indanol	134	C9H10O	004254-29-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
Operator : SJ/JU
Sample : I4979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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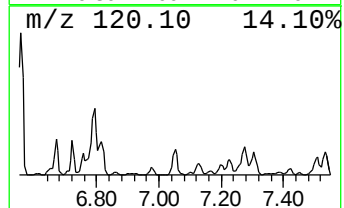
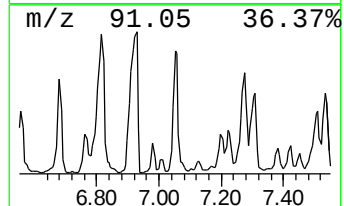
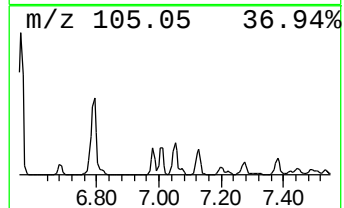
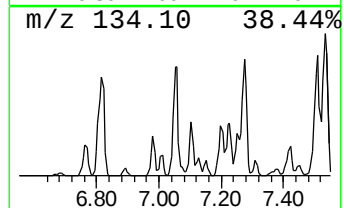
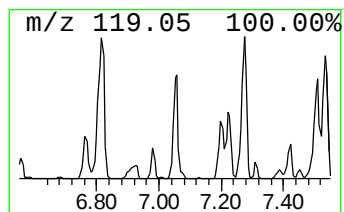
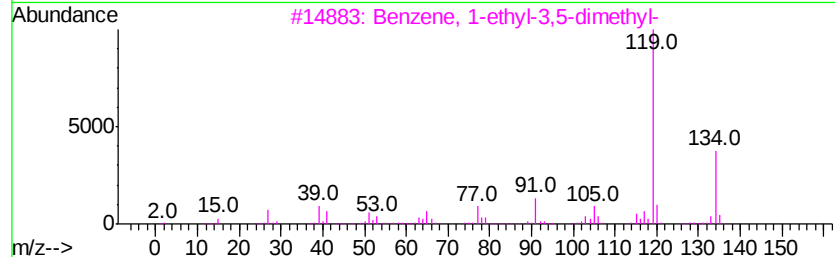
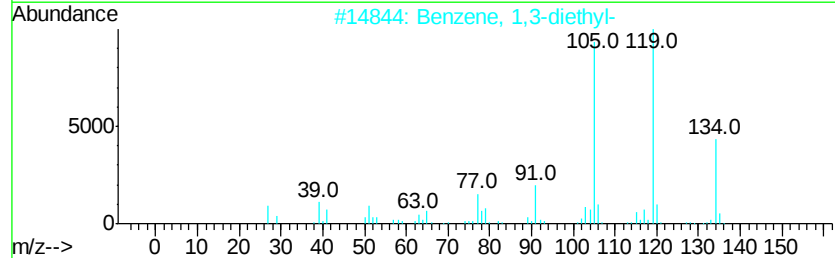
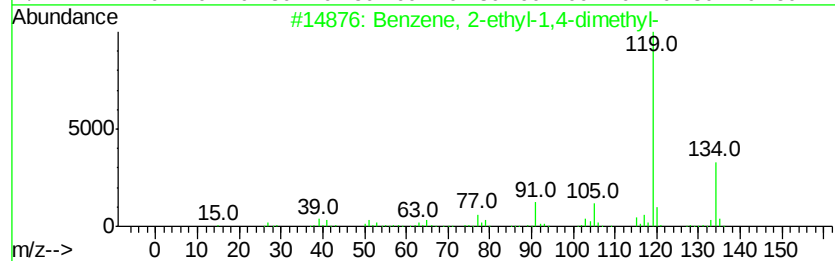
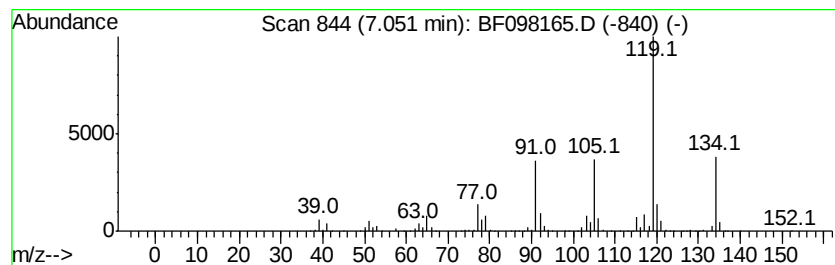
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	70.87 ng	3437130	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
Operator : SJ/JU
Sample : I4979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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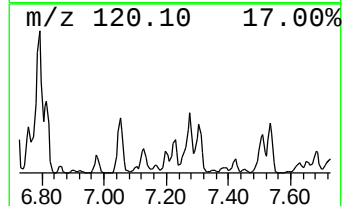
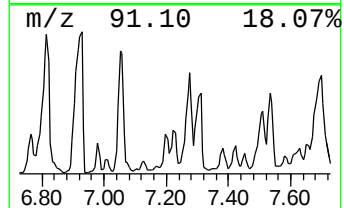
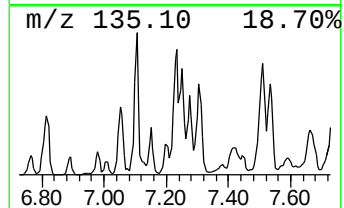
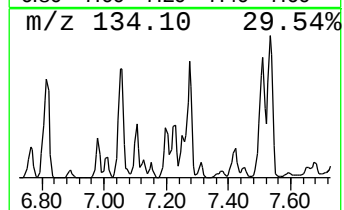
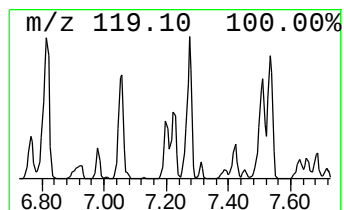
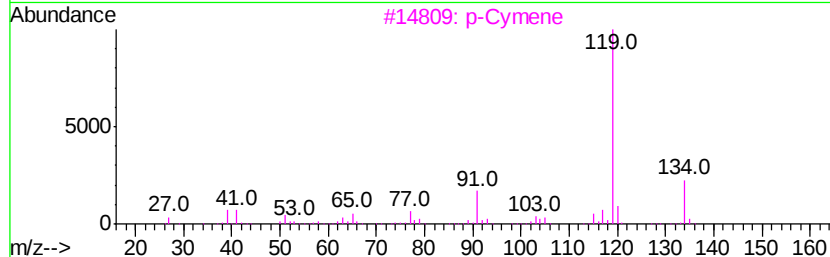
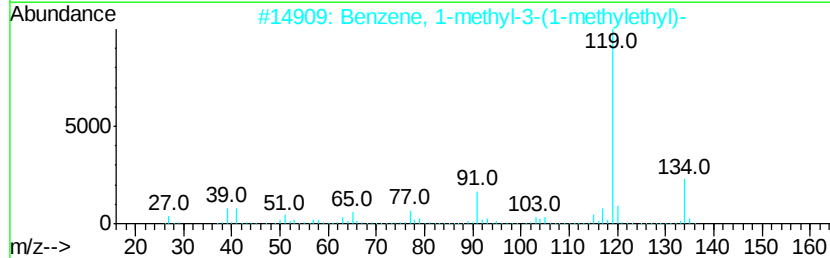
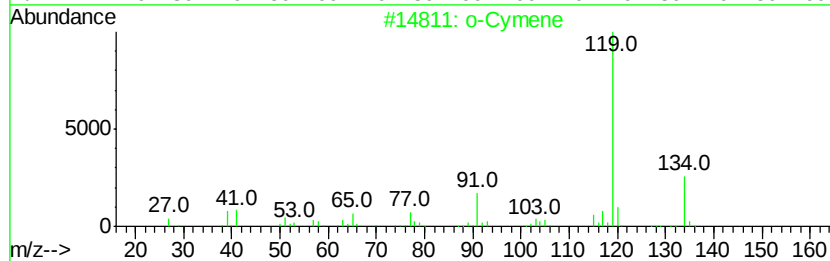
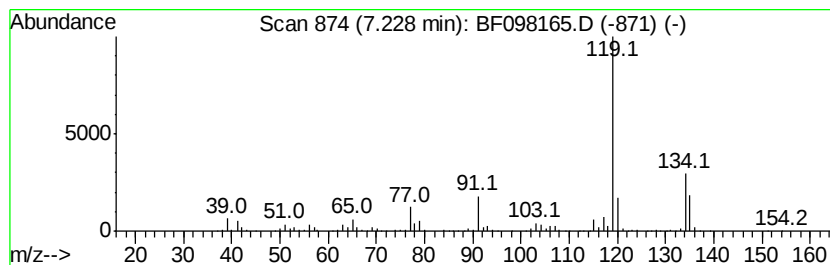
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	20.93 ng	1015310	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3		p-Cymene	134	C10H14	000099-87-6	93
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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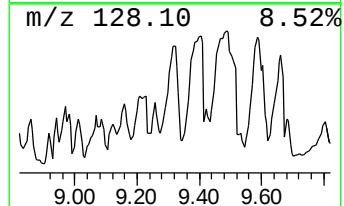
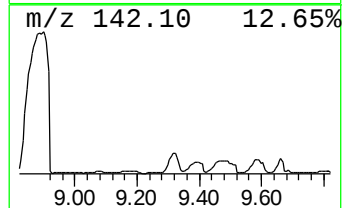
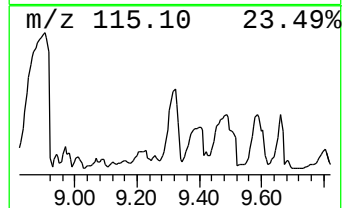
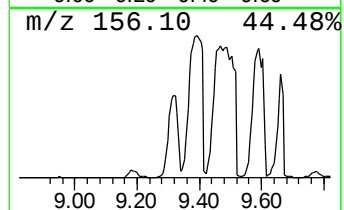
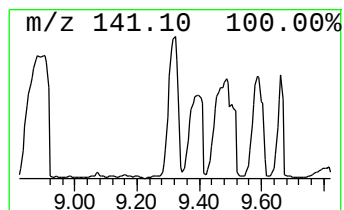
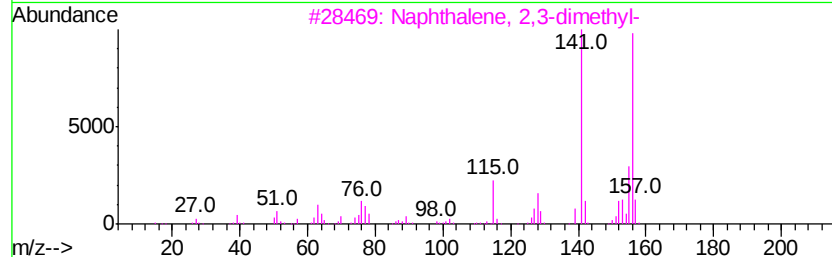
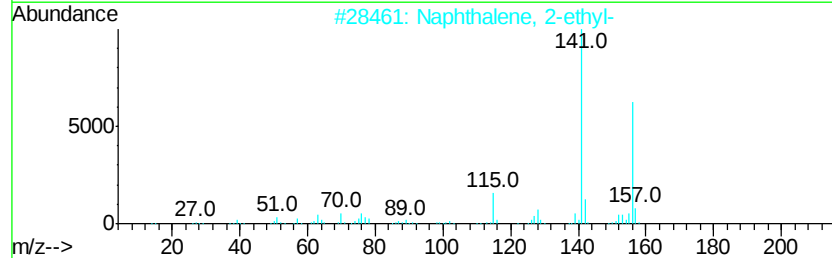
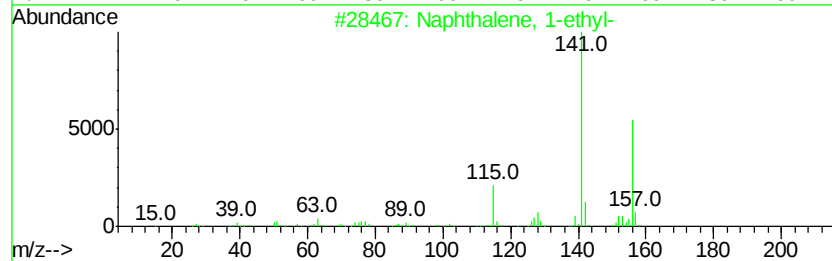
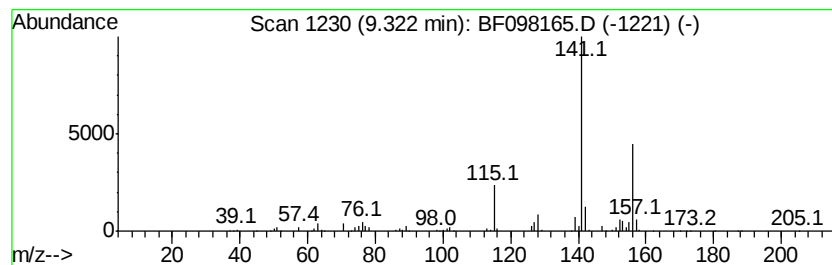
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	28.90 ng	7937120	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
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Sample : I4979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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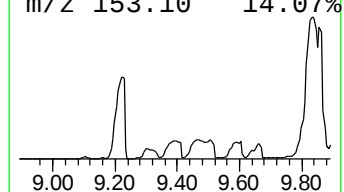
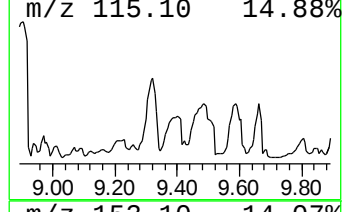
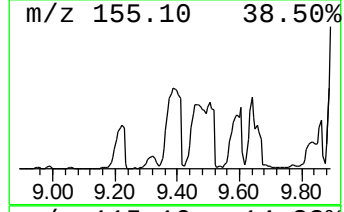
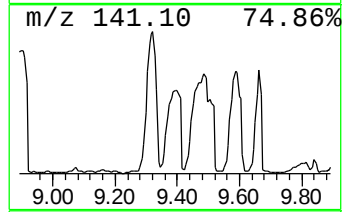
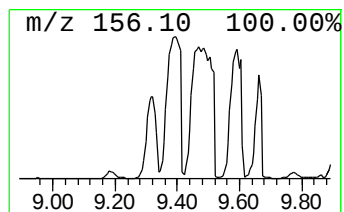
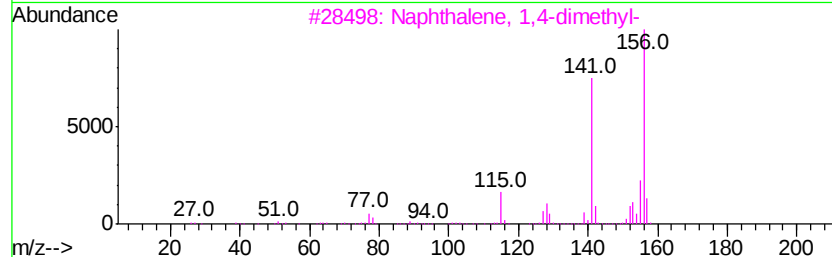
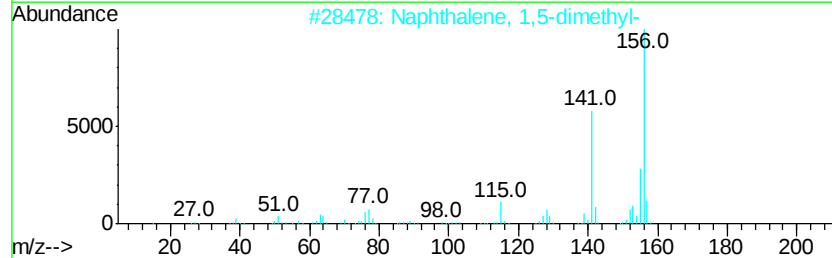
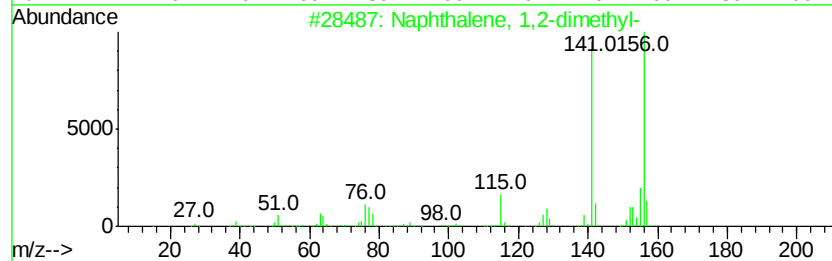
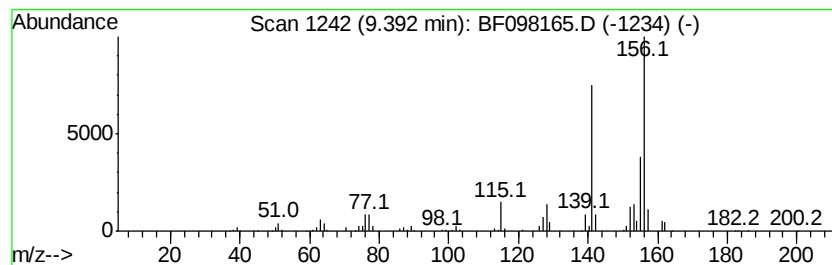
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	25.18 ng	6915160	Acenaphthene-d10	9.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098165.D
Acq On : 30 Aug 2017 19:39
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Sample : I4979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

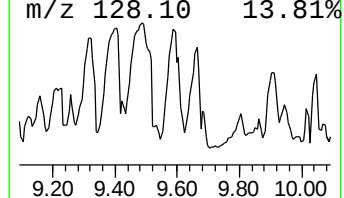
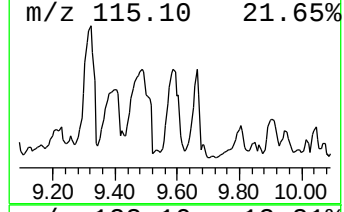
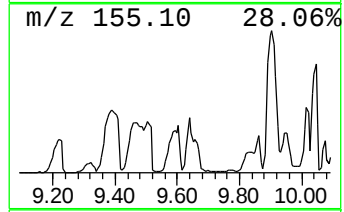
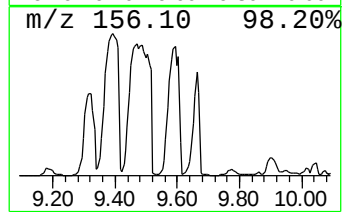
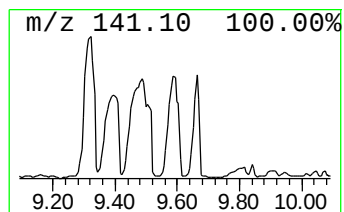
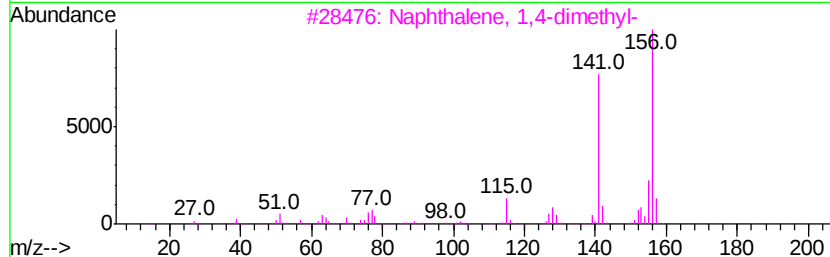
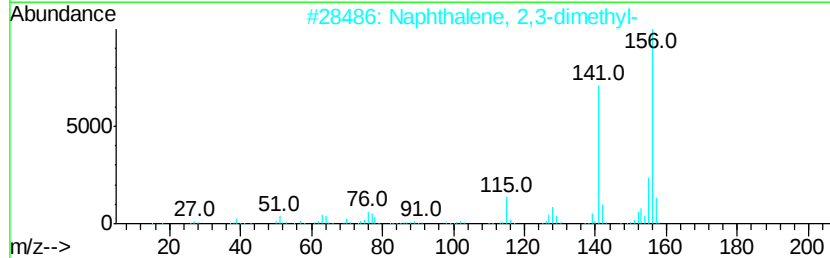
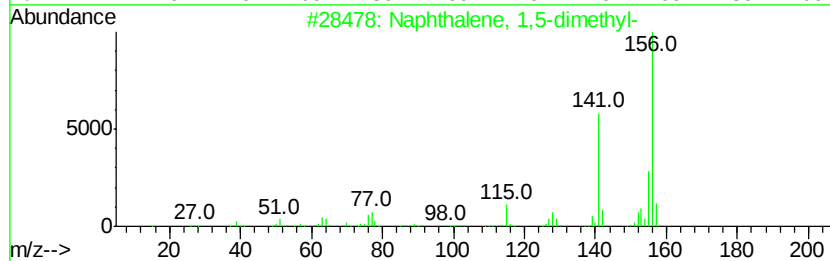
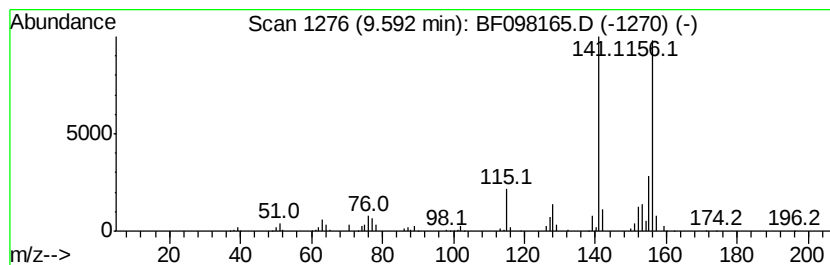
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	18.59 ng	5104330	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083017\
 Data File : BF098165.D
 Acq On : 30 Aug 2017 19:39
 Operator : SJ/JU
 Sample : I4979-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pyridine, 2,6-dim...	5.47	35.1 ng		1701970	1	6.73	970039	20.0
Pyridine, 2,4-dim...	5.92	39.1 ng		1895230	1	6.73	970039	20.0
Aniline, N-methyl-	5.95	27.1 ng		1316280	1	6.73	970039	20.0
Pyridine, 2,3-dim...	6.06	21.4 ng		1036120	1	6.73	970039	20.0
Benzene, 1,2,3-tr...	6.25	26.5 ng		1284180	1	6.73	970039	20.0
Bicyclo[2.2.1]hep...	6.45	31.6 ng		1535290	1	6.73	970039	20.0
unknown6.50	6.50	58.4 ng		2830740	1	6.73	970039	20.0
p-Cymene	6.82	148.3 ng		7192170	1	6.73	970039	20.0
Indane	6.93	242.8 ng		11776900	1	6.73	970039	20.0
Benzene, 1,3-diet...	6.98	40.1 ng		1944900	1	6.73	970039	20.0
Benzene, 1-methyl...	7.01	18.0 ng		873413	1	6.73	970039	20.0
Benzene, 2-ethyl-...	7.05	70.9 ng		3437130	1	6.73	970039	20.0
o-Cymene	7.23	20.9 ng		1015310	1	6.73	970039	20.0
Naphthalene, 1-et...	9.32	28.9 ng		7937120	3	9.79	5492530	20.0
Naphthalene, 1,2-...	9.39	25.2 ng		6915160	3	9.79	5492530	20.0
Naphthalene, 1,5-...	9.59	18.6 ng		5104330	3	9.79	5492530	20.0