

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
 Data File : BF110275.D
 Acq On : 29 Oct 2018 21:18
 Operator : JU/SJ
 Sample : J5665-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-06B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	4.081	328	339	342	rBV	332169	604625	2.23%	0.119%
2	4.357	375	386	390	rBV	496977	715485	2.64%	0.140%
3	4.645	429	435	438	rBV	956269	1175348	4.34%	0.230%
4	5.045	500	503	510	rVB	505547	554526	2.05%	0.109%
5	5.128	510	517	519	rBV	850705	1109533	4.10%	0.217%
6	5.157	519	522	526	rVB	888333	888250	3.28%	0.174%
7	5.210	526	531	536	rBV2	651308	788944	2.92%	0.155%
8	5.398	558	563	567	rBV3	717063	1219371	4.51%	0.239%
9	5.475	572	576	579	rBV	3851386	4028719	14.89%	0.790%
10	5.498	579	580	586	rVB	678696	697194	2.58%	0.137%
11	5.592	586	596	601	rBV3	6886511	12684643	46.89%	2.486%
12	5.798	628	631	634	rBV	849761	753199	2.78%	0.148%
13	5.834	634	637	641	rVB2	2555596	2418237	8.94%	0.474%
14	5.881	641	645	648	rBV	1734478	1535674	5.68%	0.301%
15	6.004	657	666	669	rBV3	743736	1138857	4.21%	0.223%
16	6.040	669	672	679	rVB3	577004	877042	3.24%	0.172%
17	6.116	679	685	687	rBV	630541	777863	2.88%	0.152%
18	6.145	687	690	693	rVV2	1590552	1848026	6.83%	0.362%
19	6.228	698	704	709	rBV2	1572878	3385431	12.51%	0.664%
20	6.269	709	711	715	rVB2	675302	709552	2.62%	0.139%
21	6.410	730	735	737	rBV2	974245	1574486	5.82%	0.309%
22	6.439	737	740	743	rVV	2533266	3689963	13.64%	0.723%
23	6.475	743	746	748	rVV2	1821963	2279900	8.43%	0.447%
24	6.510	748	752	755	rVV	6506746	11049942	40.85%	2.166%
25	6.545	755	758	760	rVV	4425339	5421323	20.04%	1.063%
26	6.587	760	765	770	rVV3	5319088	9009587	33.30%	1.766%
27	6.669	774	779	783	rVV	3584198	4891407	18.08%	0.959%
28	6.751	783	793	798	rVV4	2324365	5377817	19.88%	1.054%
29	6.816	798	804	808	rVV2	8883008	17452324	64.51%	3.421%
30	6.992	829	834	837	rBV	3037352	4173488	15.43%	0.818%
31	7.051	837	844	848	rBV	4146916	7170089	26.50%	1.406%
32	7.110	848	854	855	rBV2	1937037	3123820	11.55%	0.612%
33	7.269	869	881	884	rBV2	6375660	21075876	77.91%	4.131%
34	7.322	884	890	895	rVB5	7660044	17885825	66.11%	3.506%

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35	7.386	895	901	906	rBV2	5054228	8799978	32.53%	1.725%
36	7.469	907	915	918	rBV	5344939	12906023	47.71%	2.530%
37	7.551	922	929	930	rBV2	4577472	9222618	34.09%	1.808%
38	7.575	930	933	935	rBV2	3524649	4259696	15.75%	0.835%
39	7.645	940	945	948	rBV5	3548436	6566272	24.27%	1.287%
40	7.686	948	952	955	rBV2	3866967	4981762	18.42%	0.977%
41	7.781	960	968	969	rBV3	6616499	13753138	50.84%	2.696%
42	7.881	979	985	987	rBV2	4581346	8457208	31.26%	1.658%
43	7.933	991	994	996	rVV2	6422228	9627125	35.59%	1.887%
44	7.957	996	998	1001	rVV2	7360907	8726608	32.26%	1.711%
45	7.986	1001	1003	1004	rVV	3009330	2863571	10.59%	0.561%
46	8.033	1004	1011	1017	rVV6	8449680	27052678	100.00%	5.303%
47	8.092	1017	1021	1024	rVV2	4528543	6933699	25.63%	1.359%
48	8.145	1024	1030	1033	rVB	4707298	6887518	25.46%	1.350%
49	8.251	1037	1048	1050	rVV2	8170498	13346545	49.34%	2.616%
50	8.304	1050	1057	1060	rVV3	8531533	22691582	83.88%	4.448%
51	8.351	1062	1065	1068	rVB	4249748	4467812	16.52%	0.876%
52	8.422	1071	1077	1083	rBV3	1511395	2903975	10.73%	0.569%
53	8.510	1088	1092	1093	rBV2	860383	973746	3.60%	0.191%
54	8.539	1093	1097	1102	rVB5	3183720	4690858	17.34%	0.920%
55	8.645	1106	1115	1117	rVV	3430903	4139901	15.30%	0.812%
56	8.669	1117	1119	1122	rVV	1689989	1663932	6.15%	0.326%
57	8.728	1125	1129	1132	rVB	2457400	2424685	8.96%	0.475%
58	8.763	1132	1135	1138	rBV2	1573416	1827418	6.76%	0.358%
59	8.828	1142	1146	1148	rVV	2261960	3059307	11.31%	0.600%
60	8.857	1148	1151	1154	rVV2	4785121	4540713	16.78%	0.890%
61	9.016	1167	1178	1181	rVB3	8504899	26676759	98.61%	5.229%
62	9.116	1185	1195	1198	rVB	8646376	19104358	70.62%	3.745%
63	9.157	1199	1202	1205	rBV3	1148651	957642	3.54%	0.188%
64	9.198	1205	1209	1212	rVB3	977258	1020303	3.77%	0.200%
65	9.333	1227	1232	1236	rVB	2854520	2921295	10.80%	0.573%
66	9.404	1240	1244	1247	rBV	1022196	1039207	3.84%	0.204%
67	9.480	1253	1257	1261	rVB	1895427	2094754	7.74%	0.411%
68	9.539	1261	1267	1272	rVB	5524851	8368423	30.93%	1.640%
69	9.622	1272	1281	1284	rBV2	7337252	15152420	56.01%	2.970%
70	9.704	1284	1295	1297	rBV2	7807085	17879319	66.09%	3.505%
71	9.727	1297	1299	1302	rVB	7839185	5975194	22.09%	1.171%

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72	9.810	1306	1313	1318	rVB	6266566	9516238	35.18%	1.865%
73	9.886	1318	1326	1329	rBV	5028280	5244487	19.39%	1.028%
74	9.992	1341	1344	1346	rBV	1251528	1271423	4.70%	0.249%
75	10.016	1346	1348	1350	rVV	535497	547558	2.02%	0.107%
76	10.033	1350	1351	1353	rVV	1115116	910749	3.37%	0.179%
77	10.051	1353	1354	1356	rVB	1712537	915405	3.38%	0.179%
78	10.075	1356	1358	1362	rVB	907727	708126	2.62%	0.139%
79	10.122	1362	1366	1370	rBV	3280762	4785798	17.69%	0.938%
80	10.163	1370	1373	1375	rBV	1443187	1221680	4.52%	0.239%
81	10.192	1375	1378	1379	rVV2	704601	645755	2.39%	0.127%
82	10.222	1379	1383	1386	rVV	3738431	3829614	14.16%	0.751%
83	10.263	1386	1390	1393	rVB2	4147250	4054691	14.99%	0.795%
84	10.333	1398	1402	1405	rBV	2675598	2713755	10.03%	0.532%
85	10.363	1405	1407	1410	rVB	3000774	2394121	8.85%	0.469%
86	10.422	1410	1417	1419	rBV	1876121	2893717	10.70%	0.567%
87	10.439	1419	1420	1424	rVB	1663627	1185275	4.38%	0.232%
88	10.510	1430	1432	1435	rVB	1267648	921769	3.41%	0.181%
89	10.580	1438	1444	1447	rVV5	960886	2039579	7.54%	0.400%
90	10.616	1447	1450	1452	rVV3	1312411	1746081	6.45%	0.342%
91	10.633	1452	1453	1457	rVV2	1619587	1842111	6.81%	0.361%
92	10.669	1457	1459	1462	rVV2	785259	799715	2.96%	0.157%
93	10.710	1462	1466	1472	rVV4	1153350	1950380	7.21%	0.382%
94	10.804	1479	1482	1485	rVV2	1291060	1450653	5.36%	0.284%
95	10.833	1485	1487	1492	rVB2	737926	668661	2.47%	0.131%
96	10.922	1497	1502	1506	rVB2	727798	842578	3.11%	0.165%
97	10.998	1512	1515	1520	rBV4	609929	733090	2.71%	0.144%
98	11.504	1597	1601	1604	rBV	829598	760792	2.81%	0.149%
99	13.086	1866	1870	1878	rVB	2043028	1877484	6.94%	0.368%
100	15.680	2305	2311	2319	rVB3	394555	627927	2.32%	0.123%

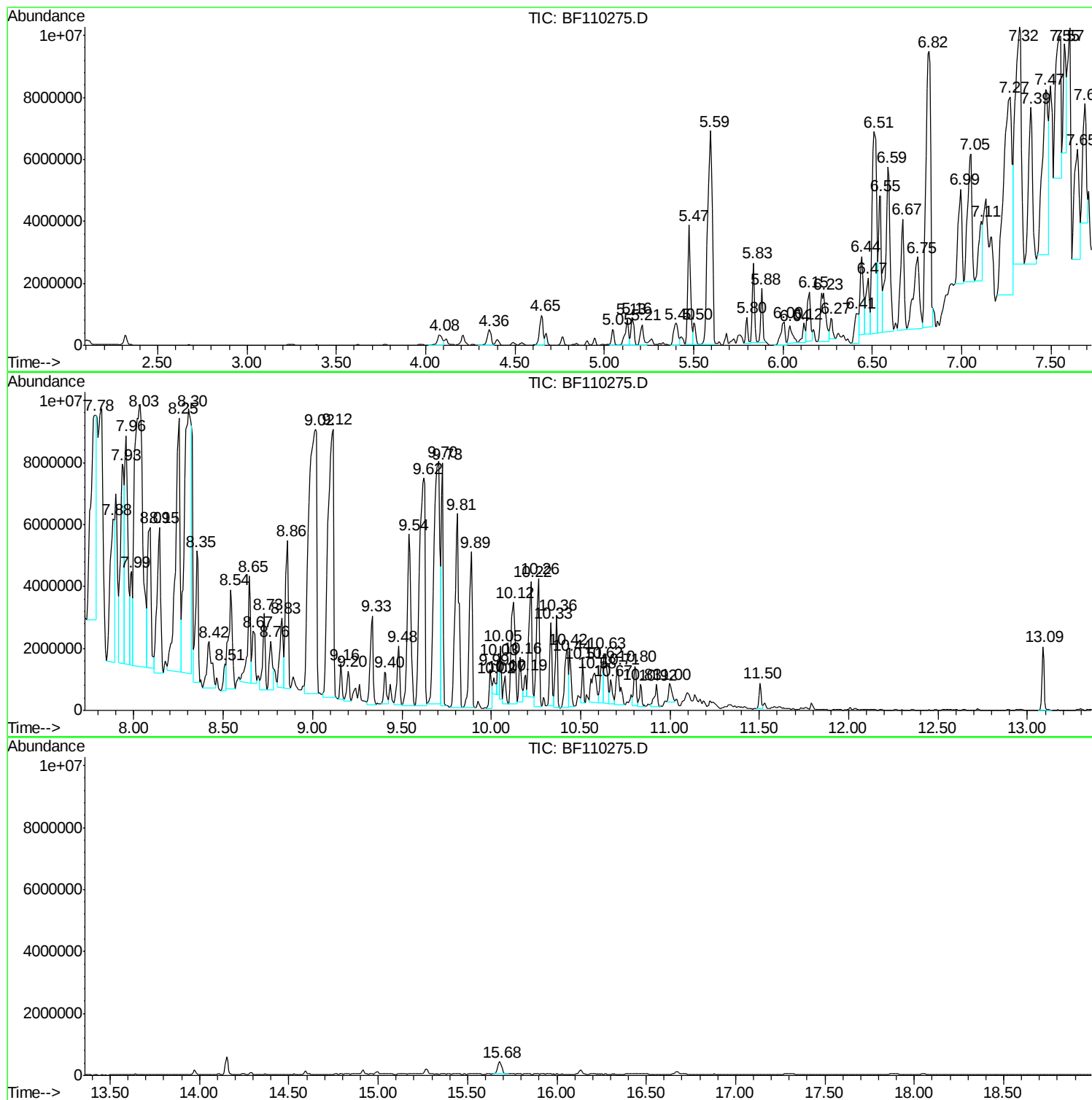
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Instrument :
BNA_F
ClientSampleId :
DL-06B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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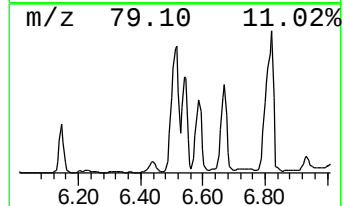
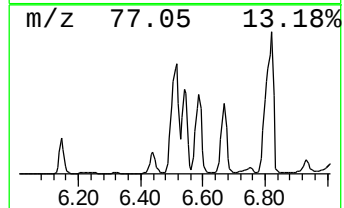
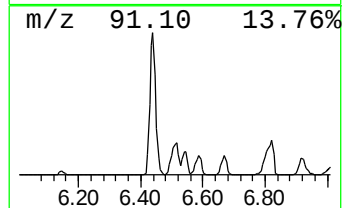
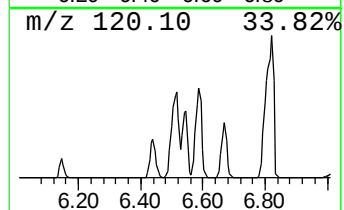
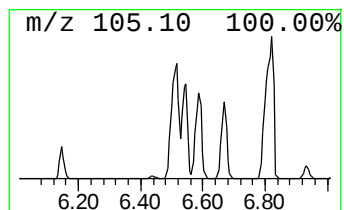
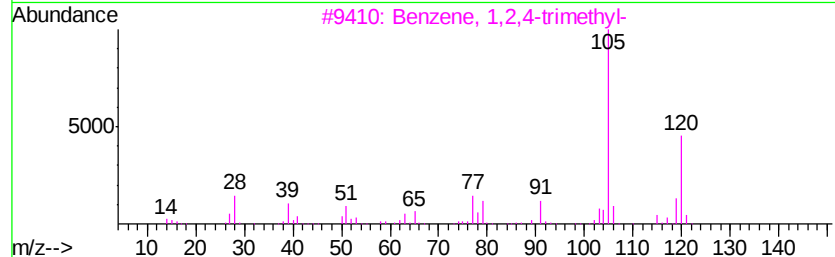
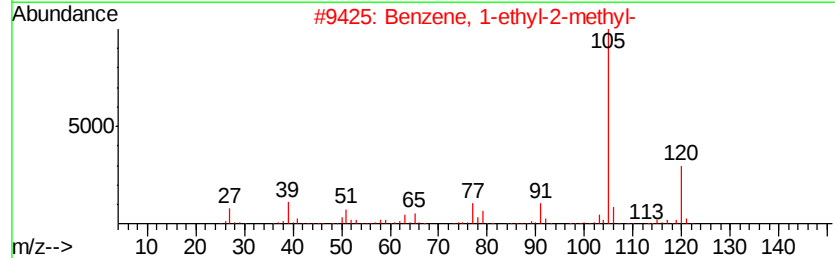
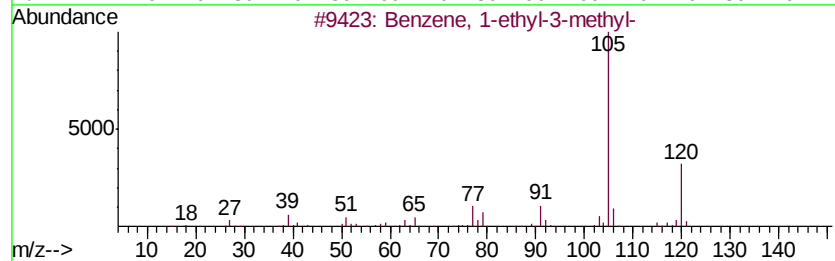
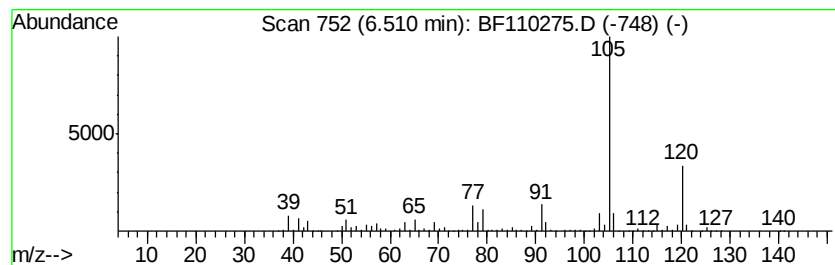
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	52.95 ng	11049900	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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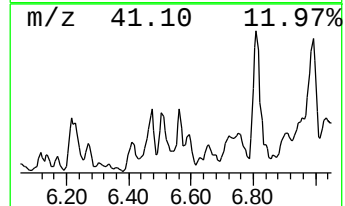
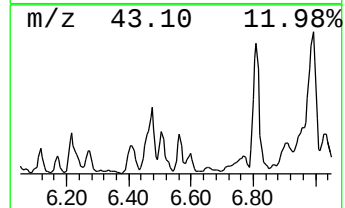
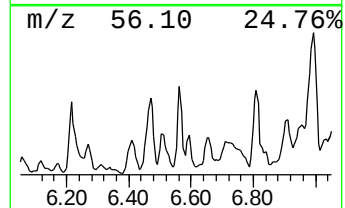
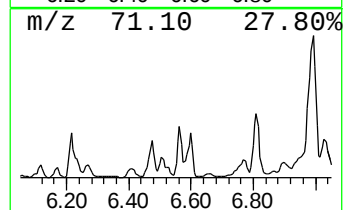
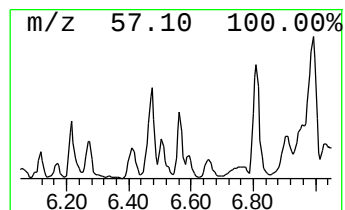
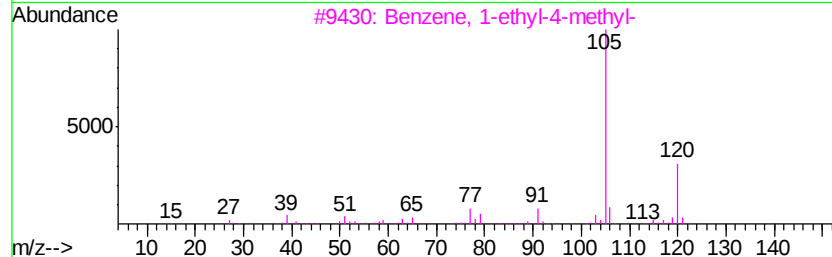
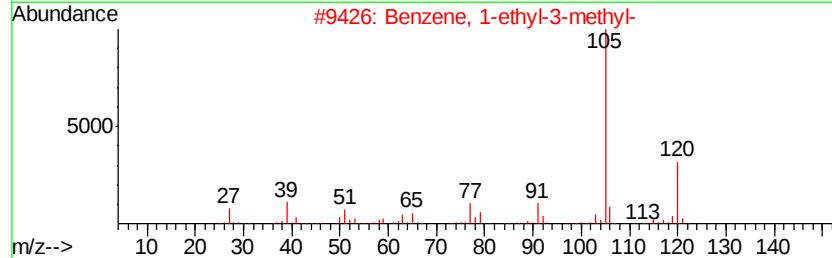
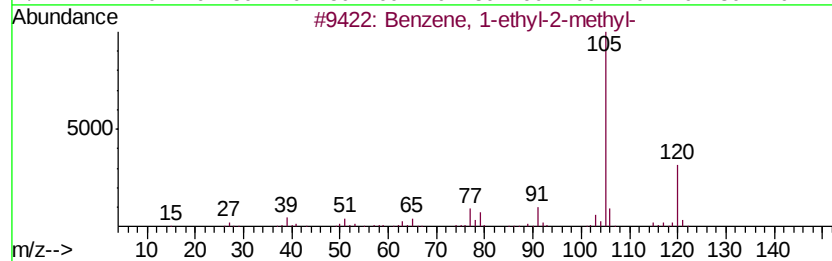
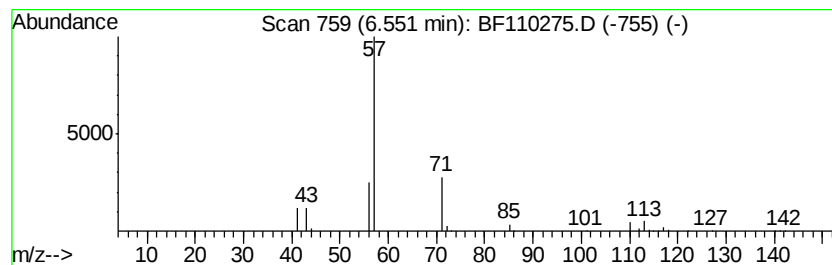
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	25.98 ng	5421320	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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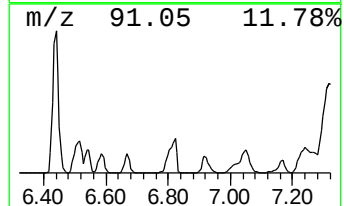
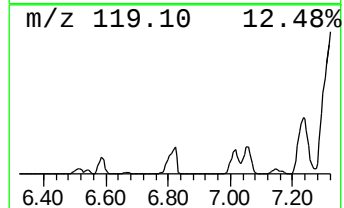
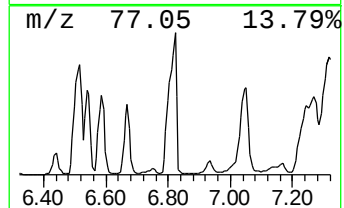
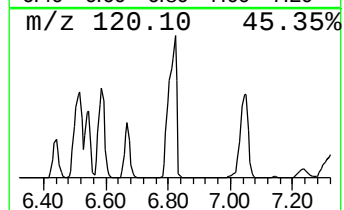
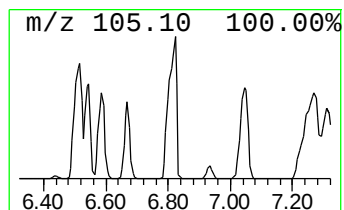
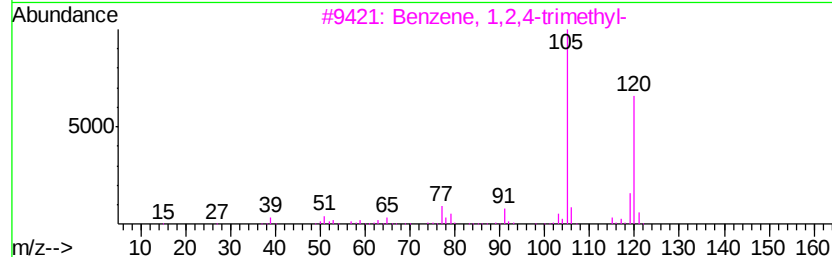
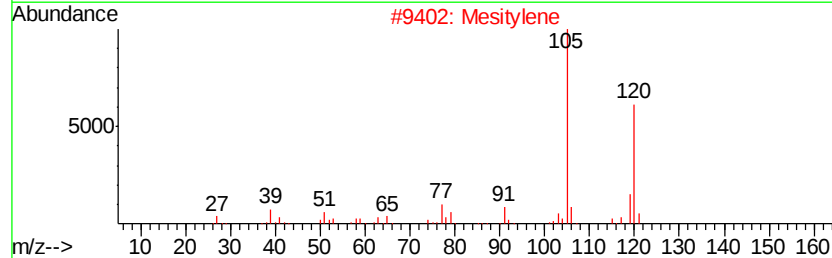
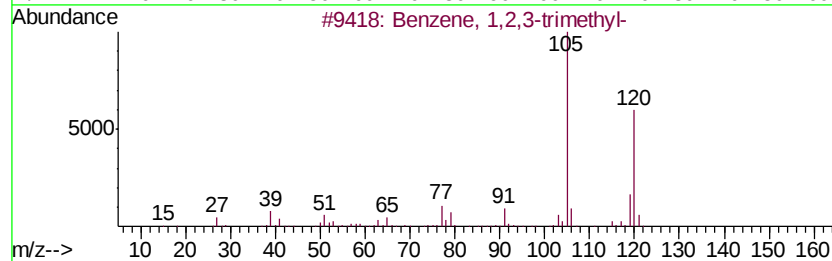
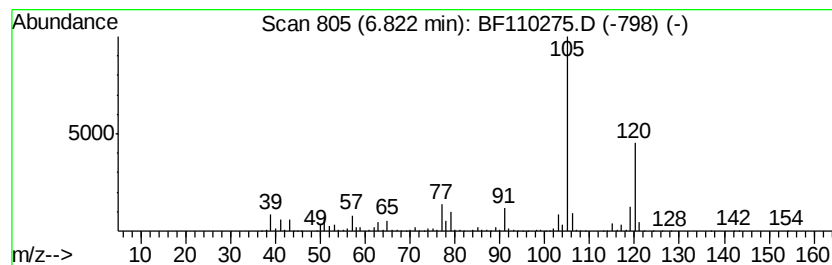
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	83.63 ng	17452300	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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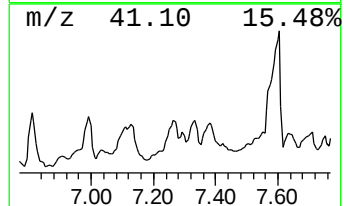
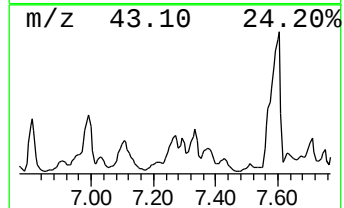
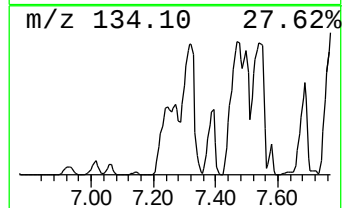
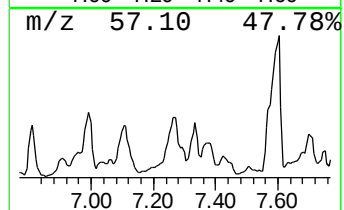
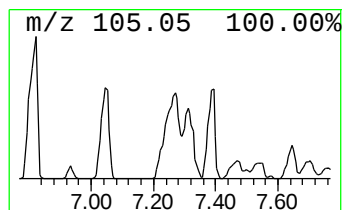
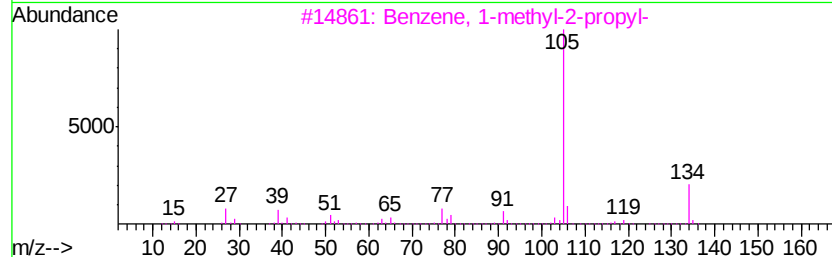
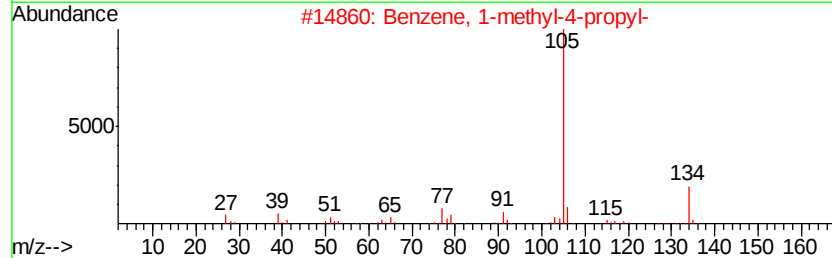
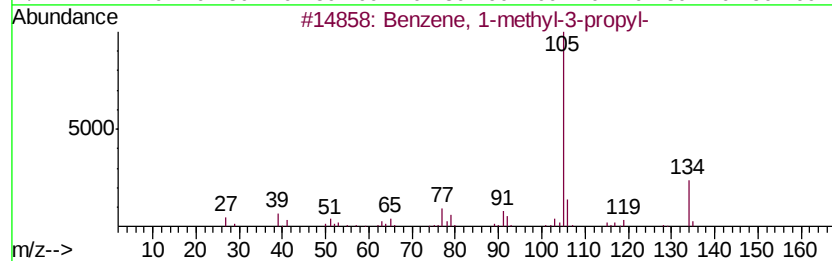
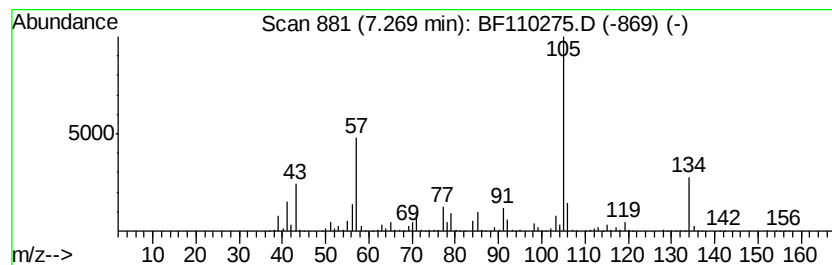
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	101.00 ng	21075900	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	62
5		2-Tolyloxirane	134	C9H10O	002783-26-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
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Operator : JU/SJ
Sample : J5665-02
Misc :
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ClientSampleId :
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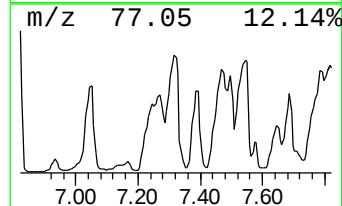
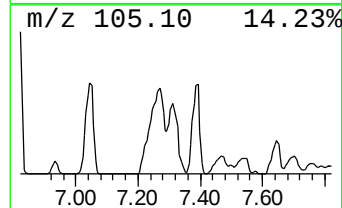
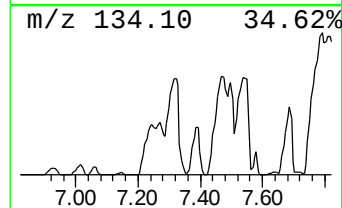
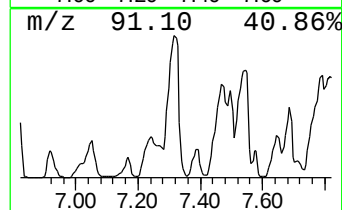
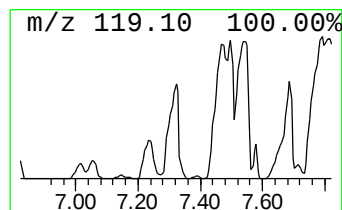
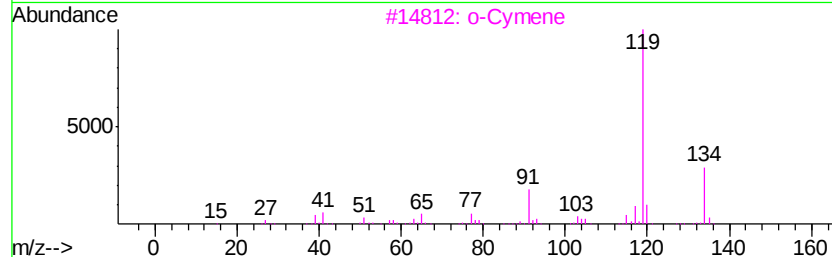
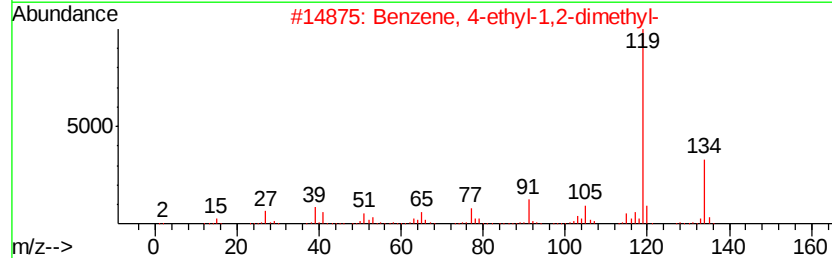
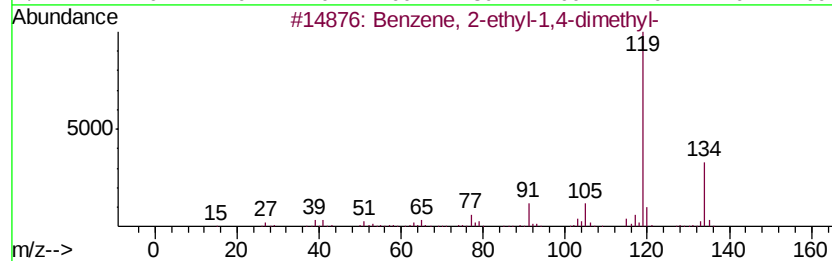
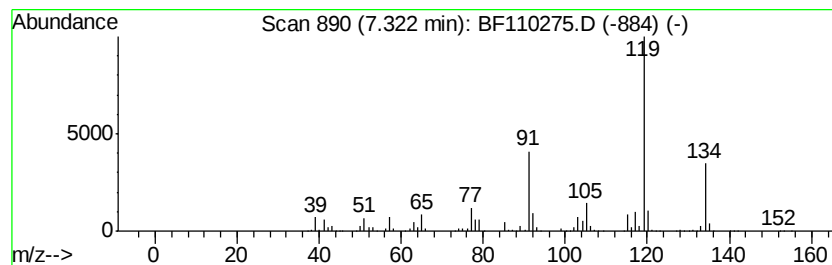
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	85.71 ng	17885800	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
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ClientSampleId :
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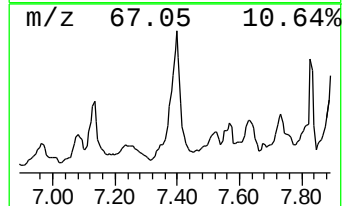
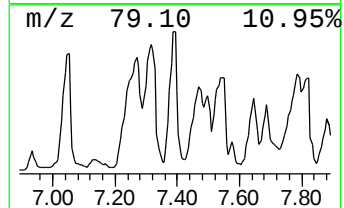
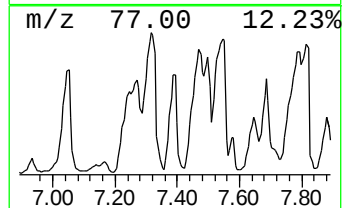
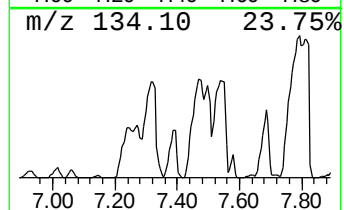
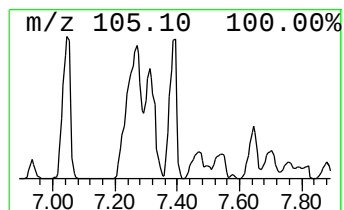
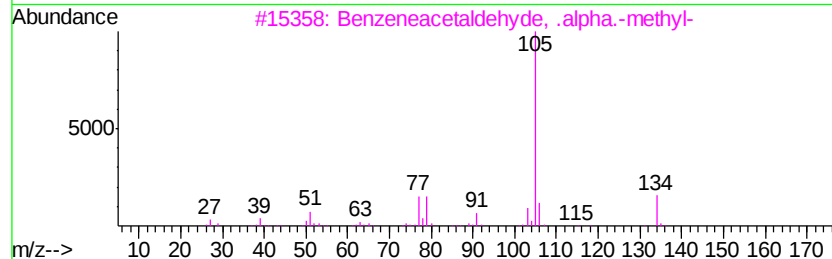
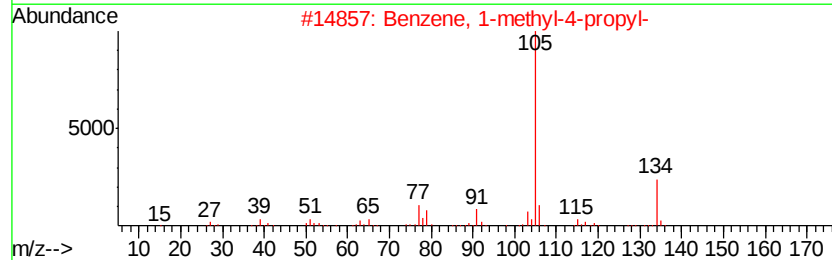
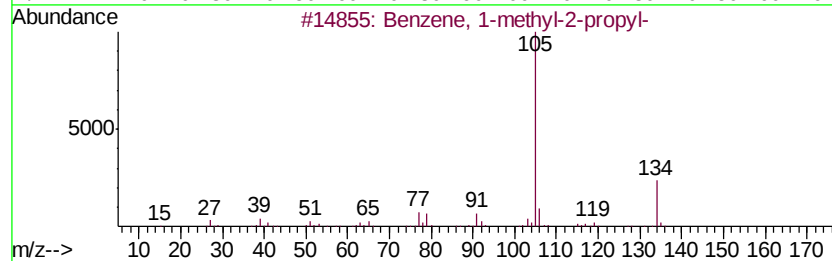
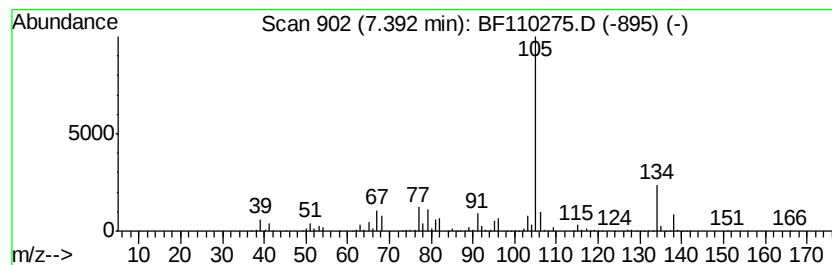
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	42.17 ng	8799980	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
4		2-Tolyloxirane	134	C9H10O	002783-26-8	64
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
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Misc :
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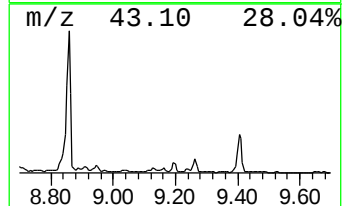
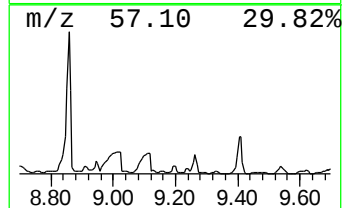
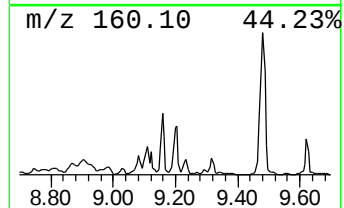
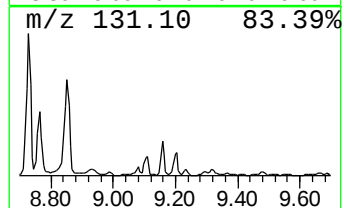
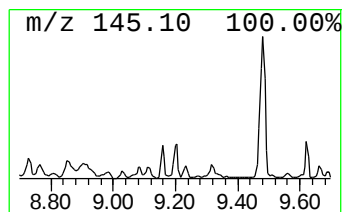
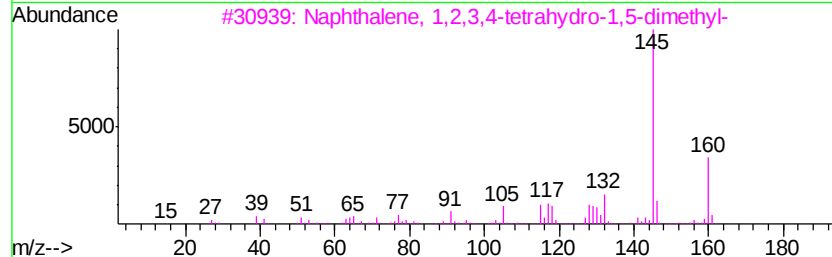
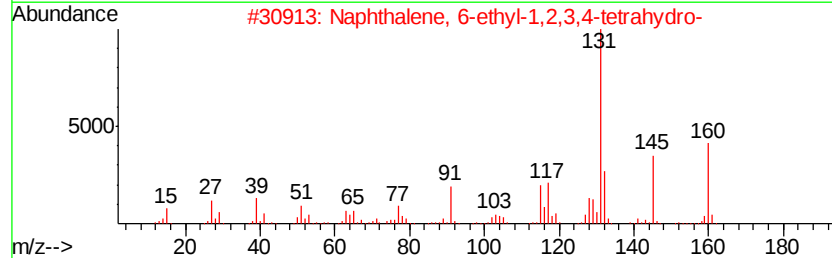
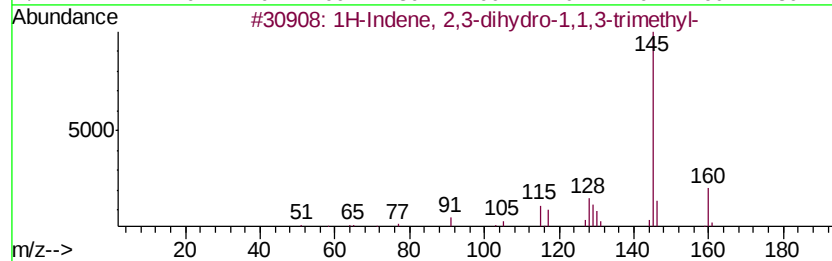
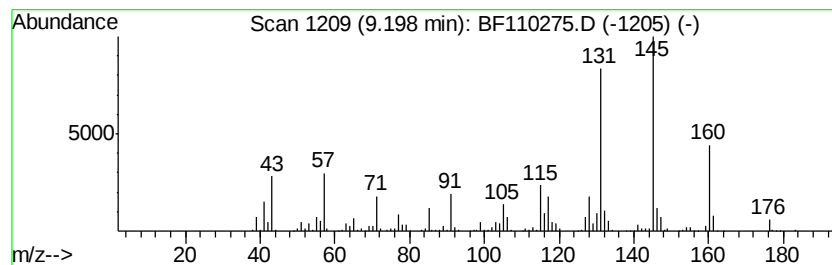
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	37.27 ng	1020300	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
2		Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	62
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
4		Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	58
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
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Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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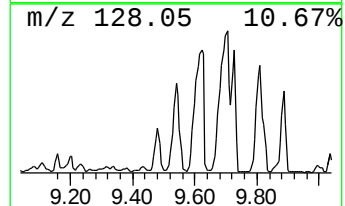
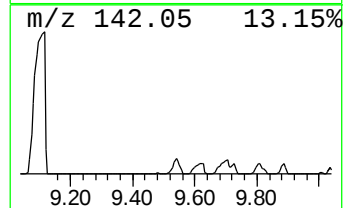
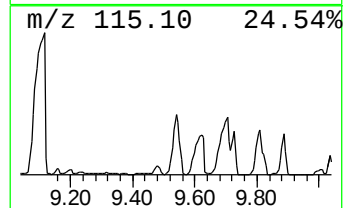
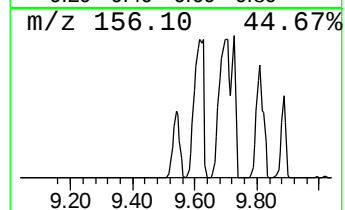
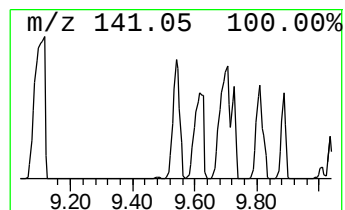
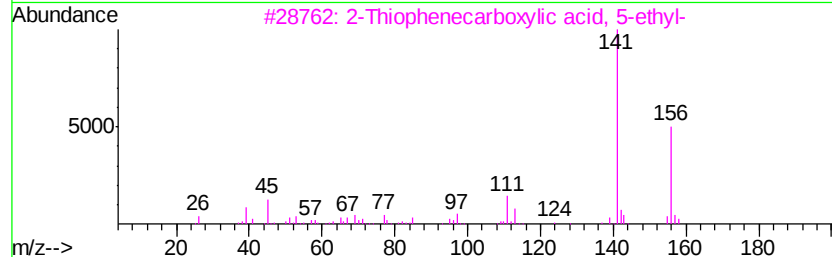
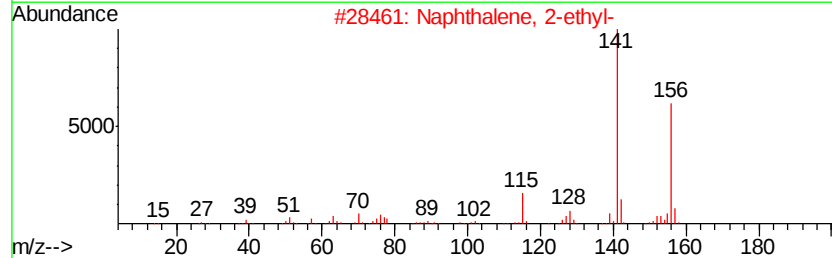
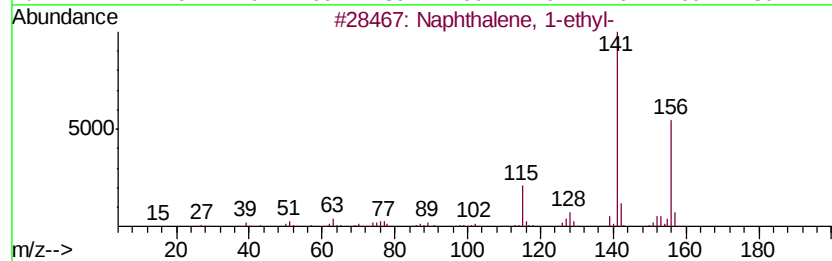
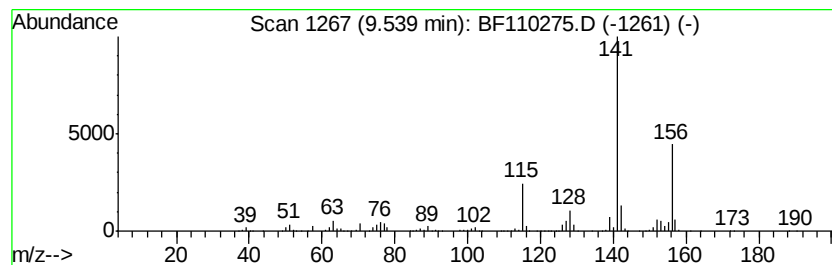
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	305.66 ng	8368420	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
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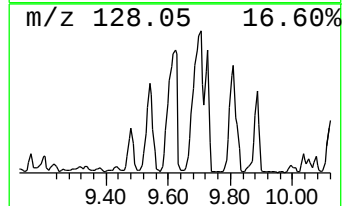
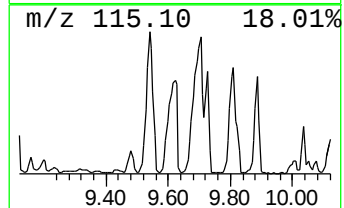
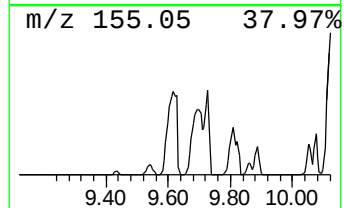
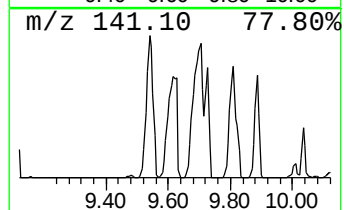
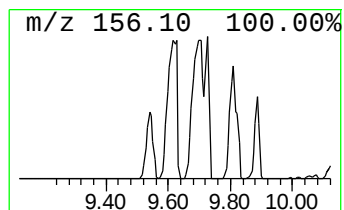
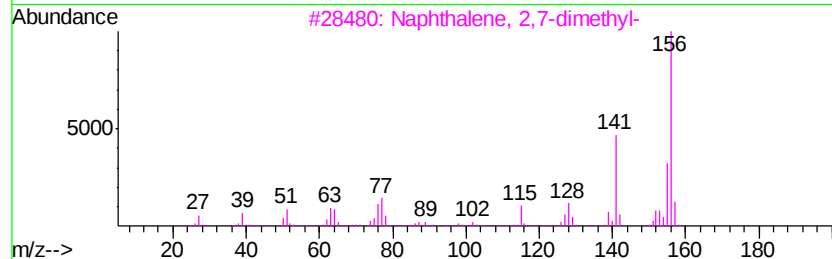
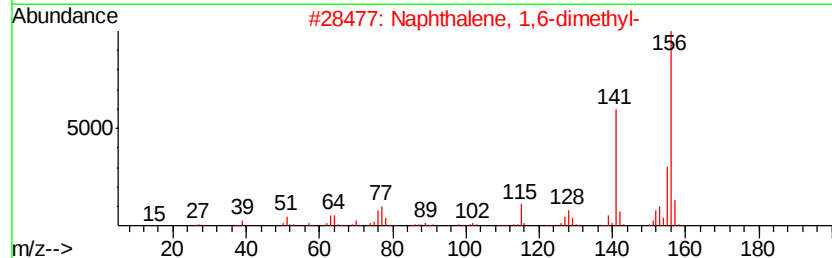
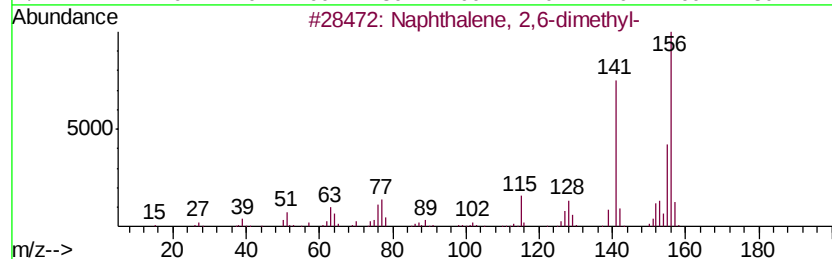
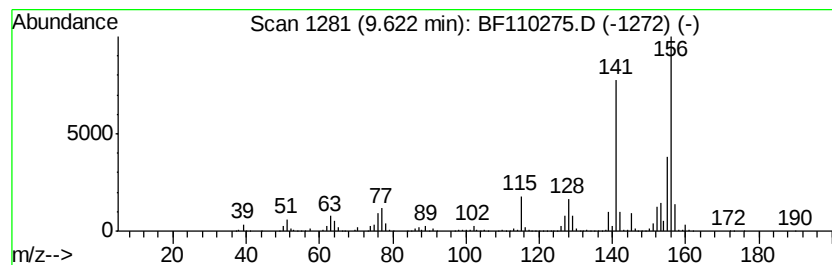
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.62	553.45 ng	15152400	Acenaphthene-d10	10.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
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ALS Vial : 25 Sample Multiplier: 1

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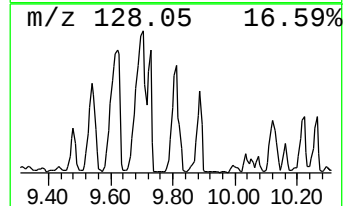
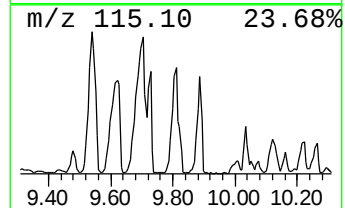
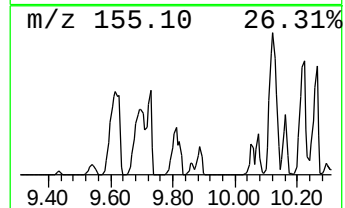
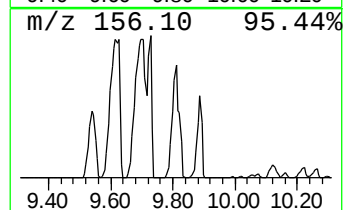
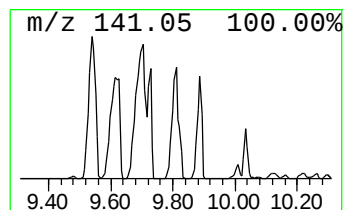
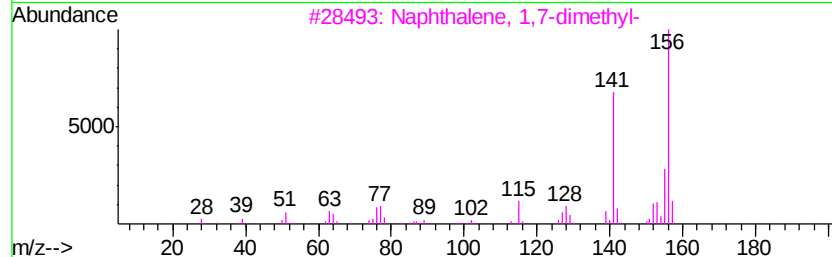
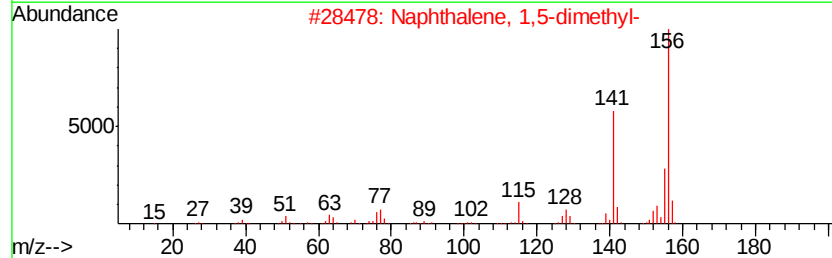
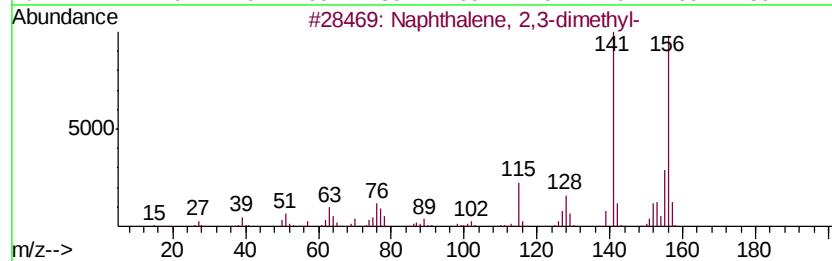
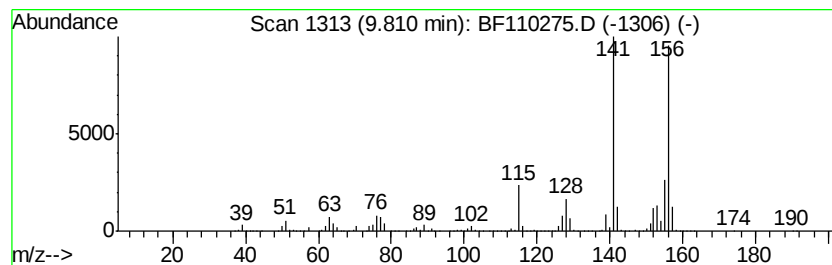
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	347.59 ng	9516240	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-06B

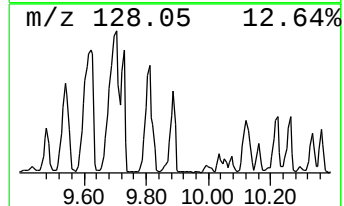
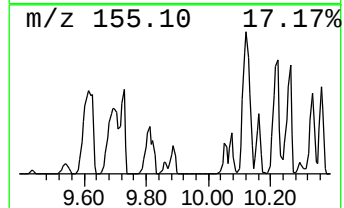
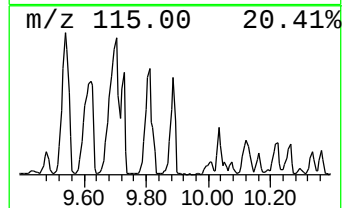
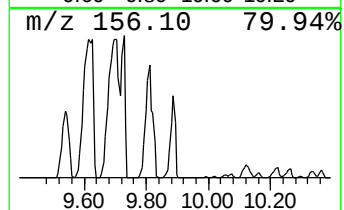
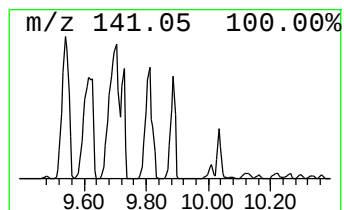
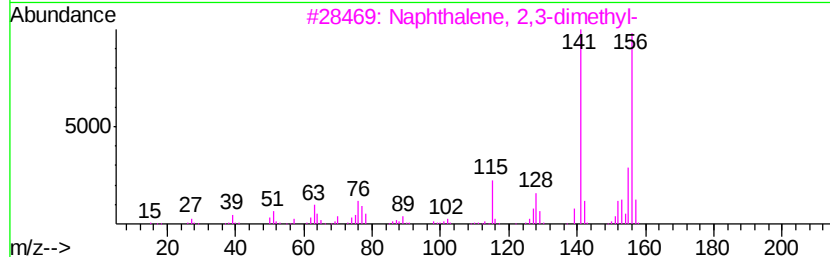
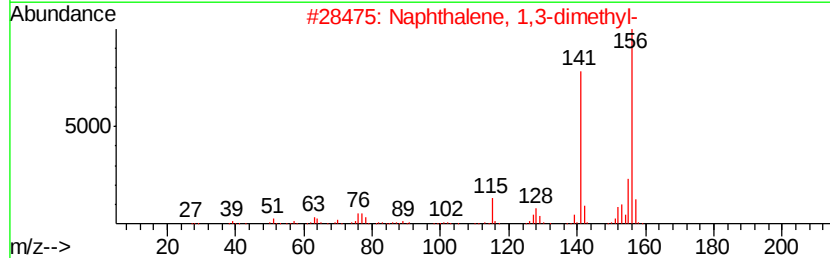
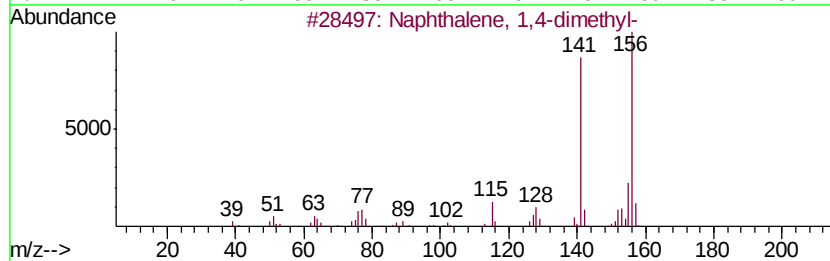
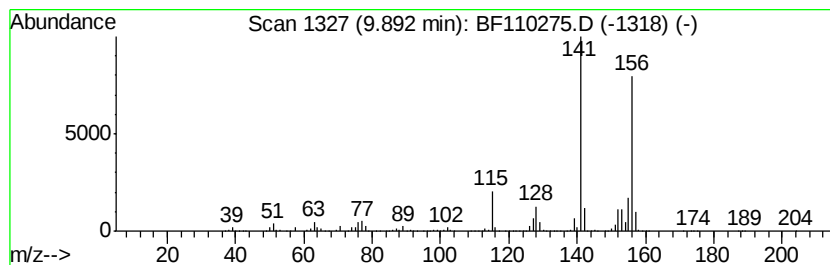
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	191.56 ng	5244490	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-06B

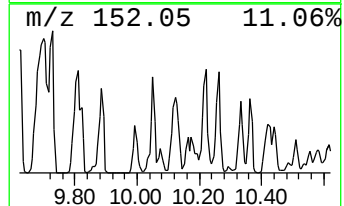
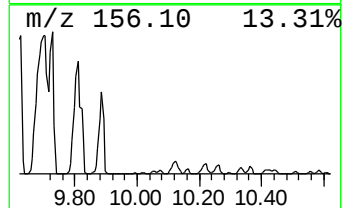
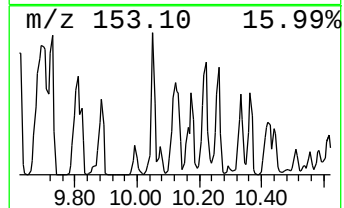
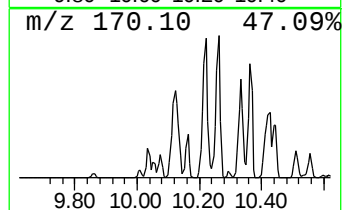
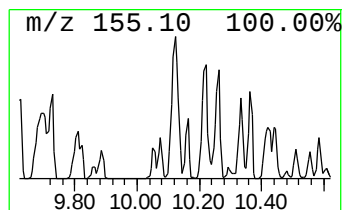
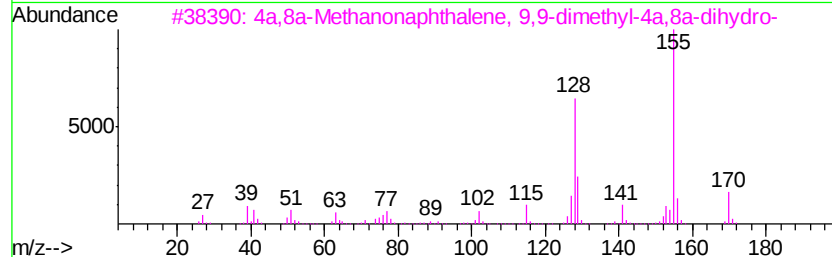
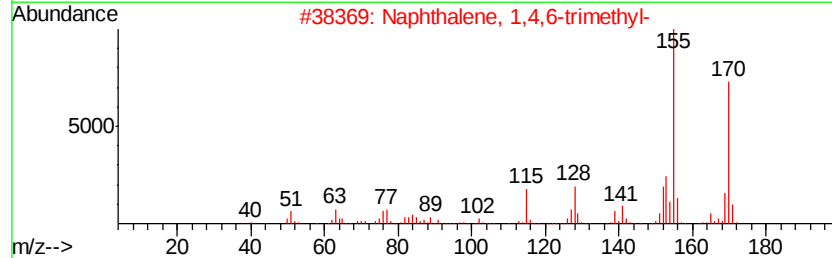
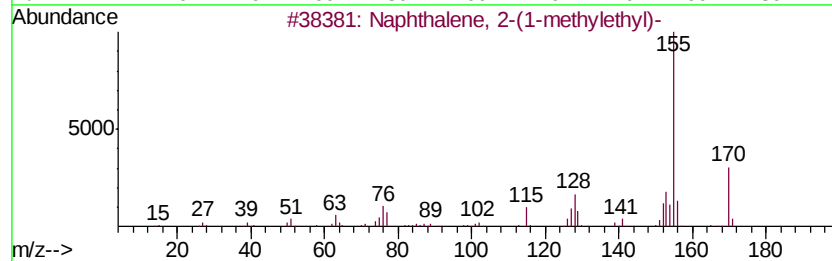
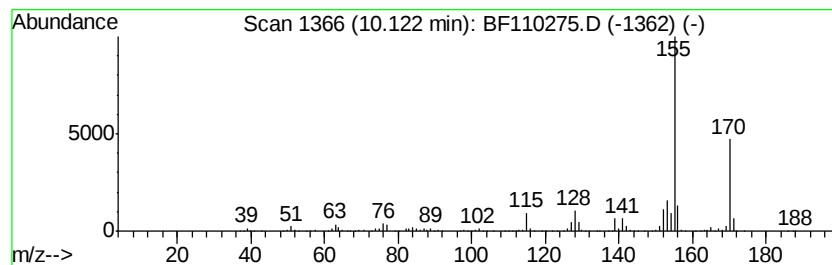
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	174.81 ng	4785800	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

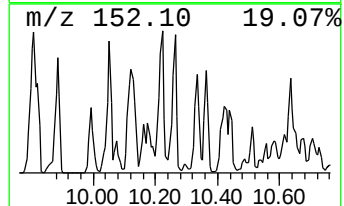
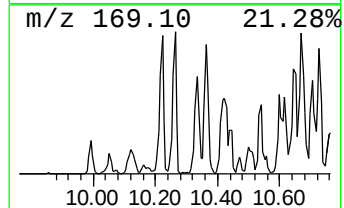
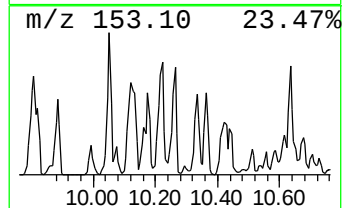
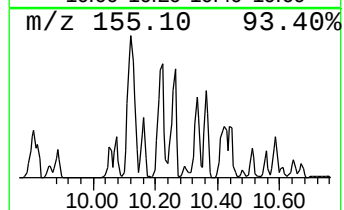
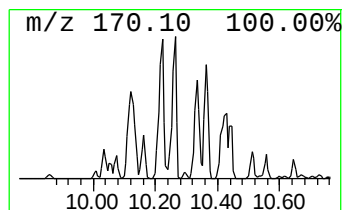
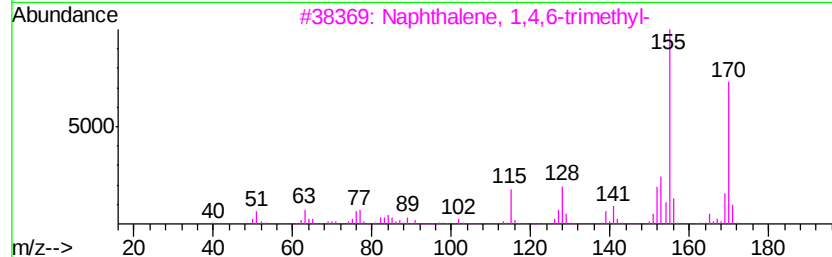
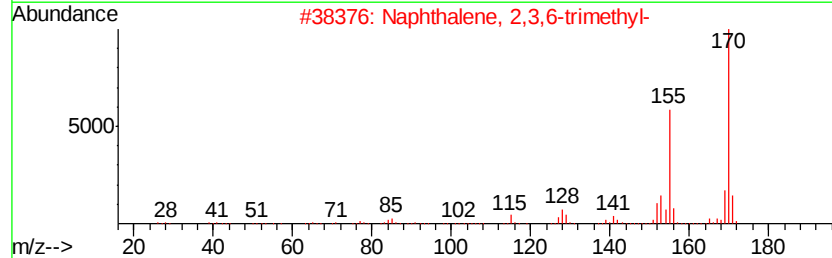
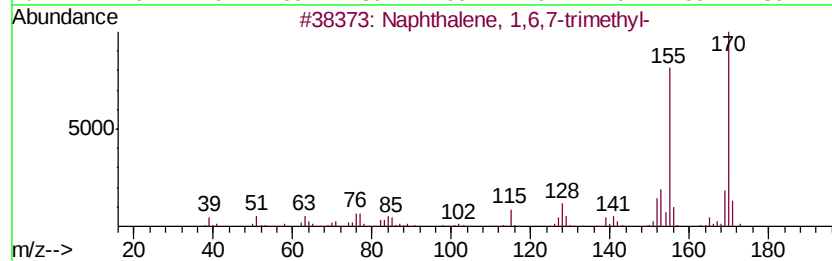
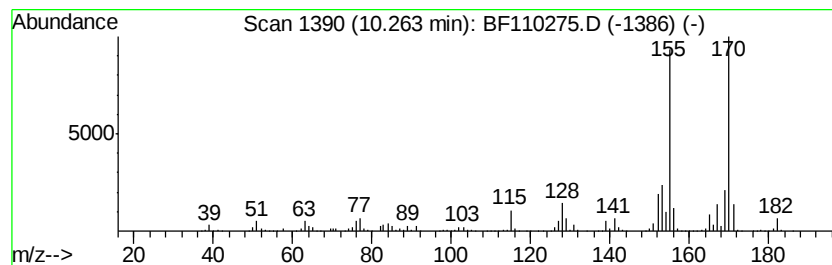
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.26	148.10 ng	4054690	Acenaphthene-d10		10.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene,	2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene,	1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

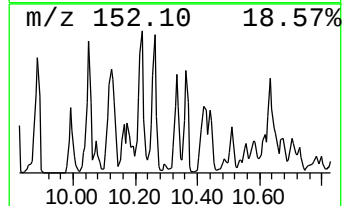
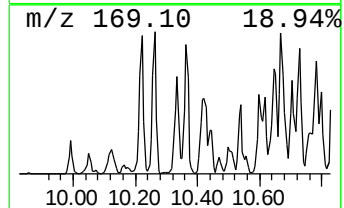
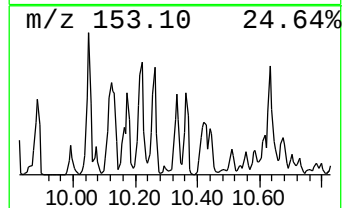
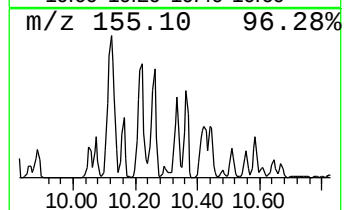
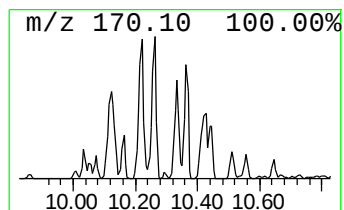
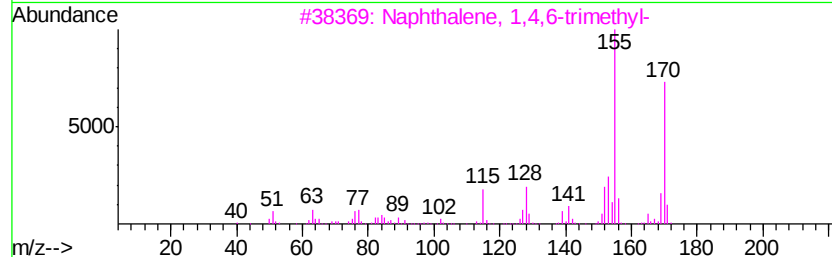
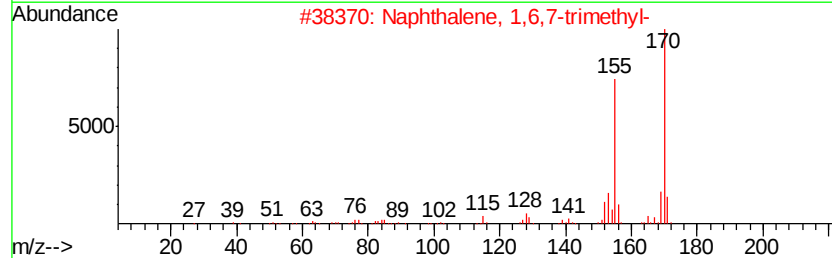
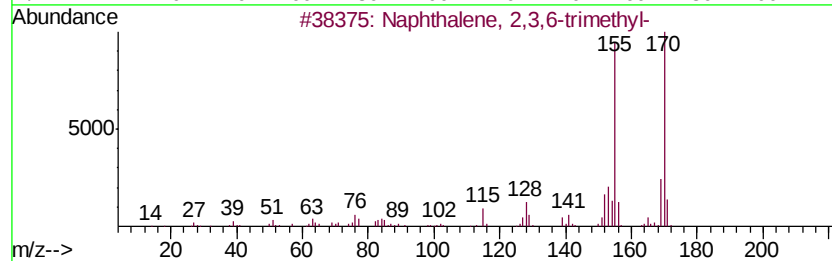
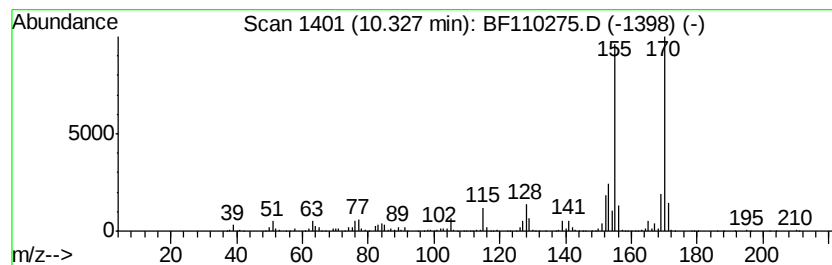
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.33	99.12 ng	2713760	Acenaphthene-d10		10.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene,	1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethyl	azulene	170	C13H14	000941-81-1	93
5	Naphthalene,	1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102918\
Data File : BF110275.D
Acq On : 29 Oct 2018 21:18
Operator : JU/SJ
Sample : J5665-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-06B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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-ethyl-...	6.51	53.0	ng	11049900	1	6.98	4173490	20.0
Benzene, 1-ethyl-...	6.55	26.0	ng	5421320	1	6.98	4173490	20.0
Benzene, 1,2,3-tr...	6.82	83.6	ng	17452300	1	6.98	4173490	20.0
Benzene, 1-methyl...	7.27	101.0	ng	21075900	1	6.98	4173490	20.0
Benzene, 2-ethyl-...	7.32	85.7	ng	17885800	1	6.98	4173490	20.0
Benzene, 1-methyl...	7.39	42.2	ng	8799980	1	6.98	4173490	20.0
1H-Indene, 2,3-di...	9.20	37.3	ng	1020300	3	10.02	547558	20.0
Naphthalene, 1-et...	9.54	305.7	ng	8368420	3	10.02	547558	20.0
Naphthalene, 2,6-...	9.62	553.5	ng	15152400	3	10.02	547558	20.0
Naphthalene, 2,3-...	9.81	347.6	ng	9516240	3	10.02	547558	20.0
Naphthalene, 1,4-...	9.89	191.6	ng	5244490	3	10.02	547558	20.0
Naphthalene, 2-(1...	10.12	174.8	ng	4785800	3	10.02	547558	20.0
Naphthalene, 1,6,...	10.26	148.1	ng	4054690	3	10.02	547558	20.0
Naphthalene, 2,3,...	10.33	99.1	ng	2713760	3	10.02	547558	20.0