

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107772.D
 Acq On : 28 Jul 2018 3:49
 Operator : JU/SJ
 Sample : J4184-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

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-BF072018.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	4.143	293	307	310	rBV	7694584	22650008	100.00%	6.796%
2	5.219	486	490	501	rVB2	226044	381168	1.68%	0.114%
3	5.343	505	511	515	rVB2	195979	312928	1.38%	0.094%
4	5.490	526	536	539	rBV	8173449	20499384	90.50%	6.150%
5	5.607	546	556	557	rBV2	8370163	22256615	98.26%	6.678%
6	5.654	562	564	571	rVB3	407678	519790	2.29%	0.156%
7	5.842	588	596	599	rBV3	7822696	15053169	66.46%	4.516%
8	6.131	642	645	652	rBV	2066392	2004491	8.85%	0.601%
9	6.348	679	682	687	rBV	592253	781699	3.45%	0.235%
10	6.419	689	694	702	rVB	900292	1170667	5.17%	0.351%
11	6.501	702	708	710	rBV	7301878	11052953	48.80%	3.316%
12	6.525	710	712	716	rVB	4449390	3403266	15.03%	1.021%
13	6.566	716	719	723	rVB	4762510	4442137	19.61%	1.333%
14	6.607	723	726	730	rBV2	624719	870067	3.84%	0.261%
15	6.648	730	733	735	rBV	1958928	1751047	7.73%	0.525%
16	6.672	735	737	744	rVB	1840593	2063625	9.11%	0.619%
17	6.742	745	749	753	rBV	2216733	3725893	16.45%	1.118%
18	6.801	753	759	762	rVB3	6052295	9808304	43.30%	2.943%
19	6.837	762	765	773	rVB3	2124388	2914295	12.87%	0.874%
20	6.907	774	777	782	rVB2	254298	288387	1.27%	0.087%
21	6.989	782	791	793	rBV2	2789583	3880535	17.13%	1.164%
22	7.025	793	797	801	rVB2	3425994	4401540	19.43%	1.321%
23	7.066	801	804	810	rVB	1564229	2083807	9.20%	0.625%
24	7.131	810	815	816	rBV	2625712	3555923	15.70%	1.067%
25	7.148	816	818	826	rVB	2863296	3111849	13.74%	0.934%
26	7.248	826	835	836	rBV5	7794799	18466957	81.53%	5.541%
27	7.389	855	859	861	rBV2	201066	277684	1.23%	0.083%
28	7.419	861	864	866	rVV2	499154	442034	1.95%	0.133%
29	7.442	866	868	870	rVV	356446	299914	1.32%	0.090%
30	7.489	873	876	879	rVB	1095274	995815	4.40%	0.299%
31	7.536	879	884	886	rBV2	1784019	2448604	10.81%	0.735%
32	7.560	886	888	893	rVV2	1632091	2640512	11.66%	0.792%
33	7.613	893	897	900	rVB3	508429	796508	3.52%	0.239%
34	7.666	903	906	909	rBV	409807	443536	1.96%	0.133%

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35	7.754	918	921	925	rVB	911855	839726	3.71%	0.252%
36	7.795	925	928	931	rBV	401393	460992	2.04%	0.138%
37	7.836	931	935	939	rBV4	330871	619043	2.73%	0.186%
38	7.919	946	949	956	rVB3	555343	1035142	4.57%	0.311%
39	8.007	956	964	967	rBV3	5275987	11163514	49.29%	3.349%
40	8.042	967	970	980	rVB	4462687	8381360	37.00%	2.515%
41	8.125	980	984	992	rVB	1617660	2500544	11.04%	0.750%
42	8.301	1002	1014	1015	rBV4	7333125	21796465	96.23%	6.540%
43	8.483	1042	1045	1049	rVB3	271533	383314	1.69%	0.115%
44	8.601	1061	1065	1069	rVV	578040	819207	3.62%	0.246%
45	8.642	1069	1072	1074	rVB3	314038	317278	1.40%	0.095%
46	8.683	1074	1079	1080	rBV2	502834	761272	3.36%	0.228%
47	8.707	1080	1083	1085	rVV	554689	703759	3.11%	0.211%
48	8.731	1085	1087	1089	rVV2	892730	963237	4.25%	0.289%
49	8.748	1089	1090	1096	rVV4	822738	1292834	5.71%	0.388%
50	8.978	1122	1129	1139	rBV	7038745	12887880	56.90%	3.867%
51	9.072	1139	1145	1151	rVV	6385300	9261630	40.89%	2.779%
52	9.319	1182	1187	1196	rBV	4372881	4829458	21.32%	1.449%
53	9.425	1201	1205	1213	rBV	4251229	4376707	19.32%	1.313%
54	9.519	1218	1221	1227	rVB	899241	1182228	5.22%	0.355%
55	9.589	1228	1233	1236	rBV	651087	1020244	4.50%	0.306%
56	9.660	1241	1245	1247	rBV	1252966	1310856	5.79%	0.393%
57	9.689	1247	1250	1252	rVV2	860564	893480	3.94%	0.268%
58	9.730	1252	1257	1262	rVB2	1681438	2181188	9.63%	0.654%
59	9.778	1262	1265	1273	rVB2	670086	1023524	4.52%	0.307%
60	9.842	1273	1276	1277	rBV	406296	345620	1.53%	0.104%
61	9.877	1277	1282	1286	rVB	4927514	6171792	27.25%	1.852%
62	9.983	1297	1300	1301	rBV	541401	452943	2.00%	0.136%
63	10.007	1301	1304	1306	rVV	1051334	1142934	5.05%	0.343%
64	10.048	1306	1311	1318	rVB	5605544	6966076	30.76%	2.090%
65	10.313	1352	1356	1360	rBV2	223245	299902	1.32%	0.090%
66	10.377	1360	1367	1376	rVV	2639644	3221818	14.22%	0.967%
67	10.460	1378	1381	1383	rVV	708515	667270	2.95%	0.200%
68	10.483	1383	1385	1389	rVV2	225942	268942	1.19%	0.081%
69	10.525	1389	1392	1394	rVV	612137	570907	2.52%	0.171%
70	10.560	1394	1398	1403	rVV	3020491	3575936	15.79%	1.073%
71	10.619	1403	1408	1413	rVB3	216689	455183	2.01%	0.137%

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72	10.666	1413	1416	1422	rBV2	379469	646030	2.85%	0.194%
73	10.736	1425	1428	1432	rVB2	249711	275697	1.22%	0.083%
74	10.777	1432	1435	1436	rBV	728369	656313	2.90%	0.197%
75	10.801	1436	1439	1445	rVB	1950219	2284175	10.08%	0.685%
76	11.095	1485	1489	1493	rVV2	415884	613586	2.71%	0.184%
77	11.213	1506	1509	1513	rBV	325414	310291	1.37%	0.093%
78	11.501	1555	1558	1559	rBV	871463	823876	3.64%	0.247%
79	11.530	1559	1563	1568	rVV	4801067	5820822	25.70%	1.746%
80	11.577	1568	1571	1574	rVV	1085882	1192085	5.26%	0.358%
81	11.613	1574	1577	1586	rVB2	441733	613683	2.71%	0.184%
82	12.001	1639	1643	1645	rBV2	387953	425943	1.88%	0.128%
83	12.030	1645	1648	1653	rVB2	257641	294686	1.30%	0.088%
84	12.113	1659	1662	1665	rBV2	778333	1003566	4.43%	0.301%
85	12.719	1761	1765	1775	rVB	1238281	1416551	6.25%	0.425%
86	12.813	1778	1781	1786	rVB	287831	313856	1.39%	0.094%
87	12.948	1798	1804	1810	rBV	1742083	2049561	9.05%	0.615%
88	13.083	1823	1827	1833	rBV	3435670	3610087	15.94%	1.083%
89	13.318	1863	1867	1869	rBV	822826	875295	3.86%	0.263%
90	13.348	1869	1872	1876	rVB2	1063595	1045178	4.61%	0.314%
91	13.824	1950	1953	1960	rBV4	282040	347695	1.54%	0.104%
92	14.018	1971	1986	1997	rBV	5128424	18070530	79.78%	5.422%
93	14.154	2005	2009	2013	rBV2	1035282	1389695	6.14%	0.417%
94	14.601	2079	2085	2095	rVB2	539712	1176165	5.19%	0.353%
95	14.901	2133	2136	2142	rVB	339291	352421	1.56%	0.106%
96	15.254	2193	2196	2206	rVB	471594	610716	2.70%	0.183%
97	15.654	2261	2264	2267	rVV	387512	517992	2.29%	0.155%
98	15.689	2267	2270	2283	rVB	543827	910407	4.02%	0.273%
99	16.112	2338	2342	2348	rVB	294345	432908	1.91%	0.130%
100	16.648	2429	2433	2439	rVB2	155806	281066	1.24%	0.084%

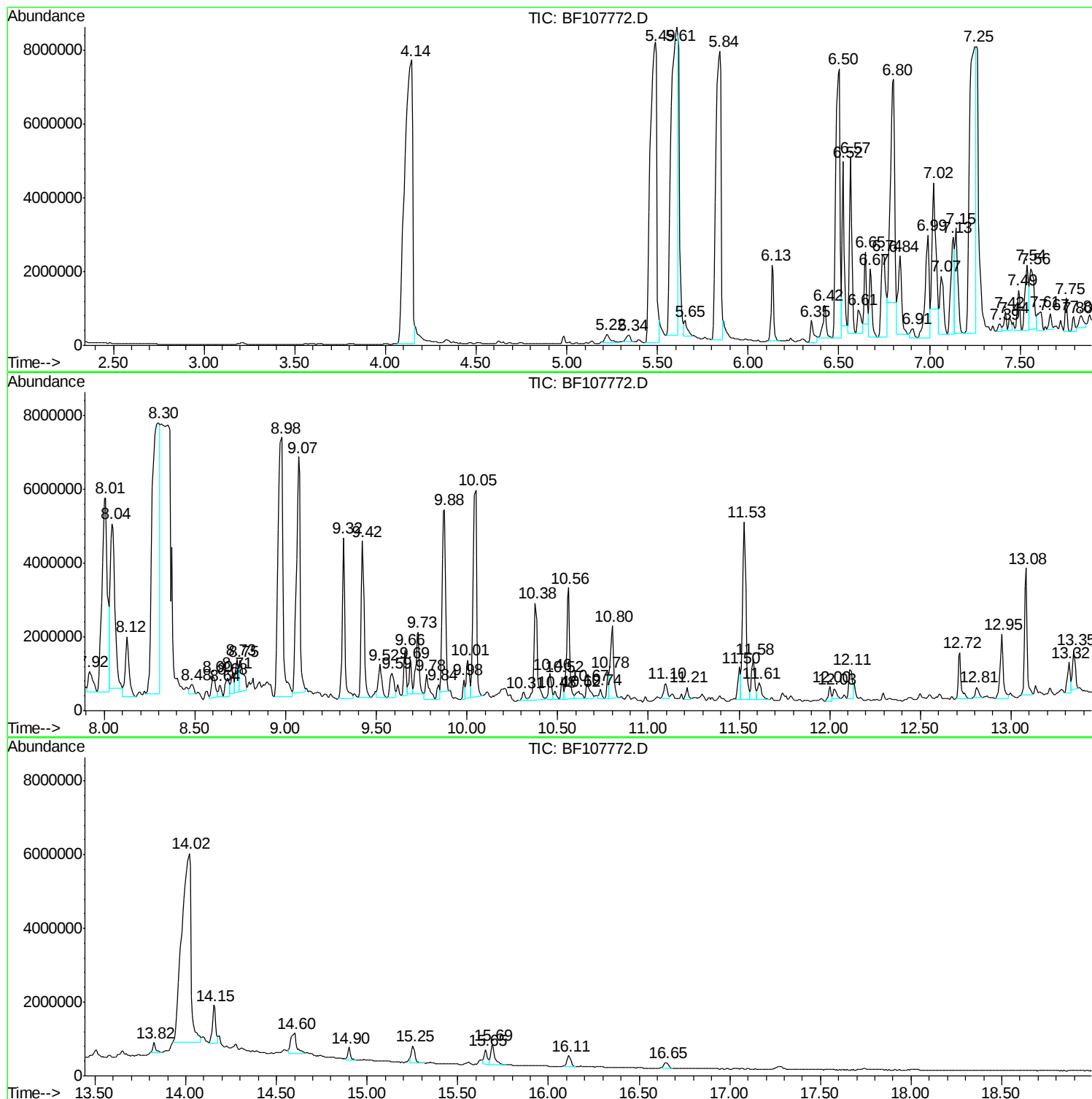
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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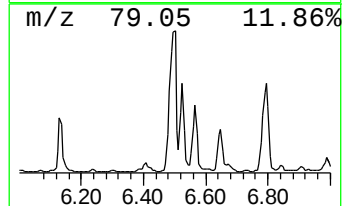
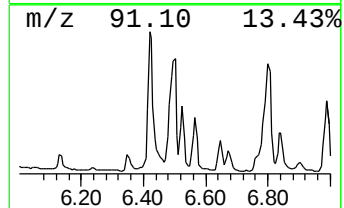
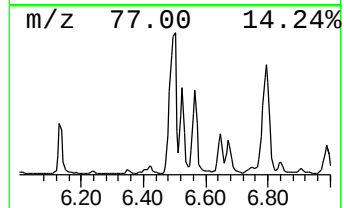
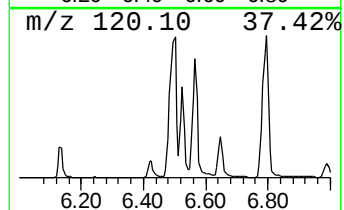
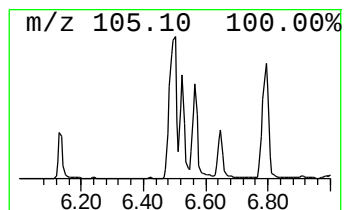
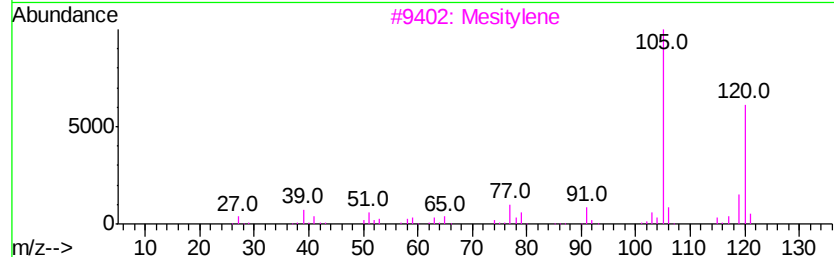
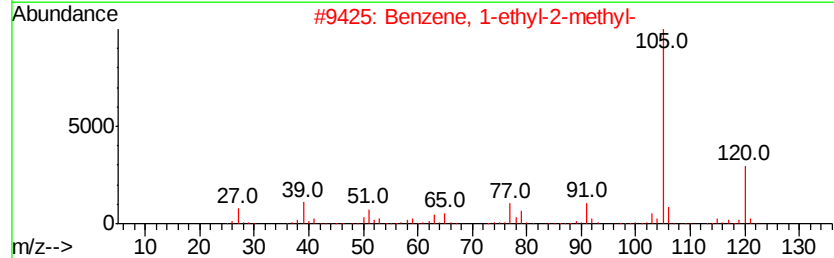
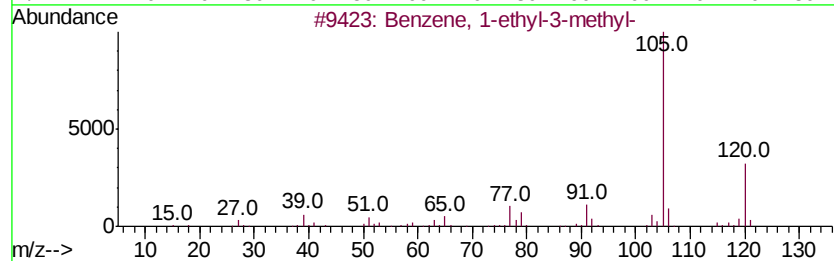
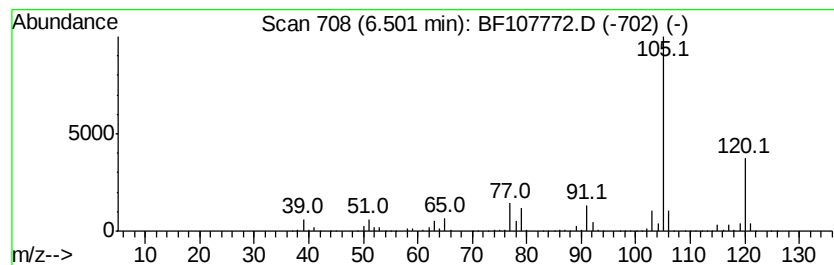
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	56.97 ng	11053000	1,4-Dichlorobenzene-d4	6.97

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		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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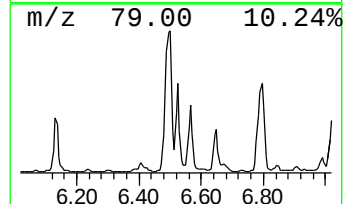
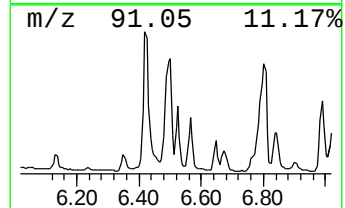
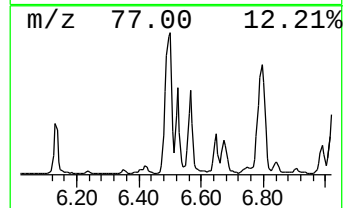
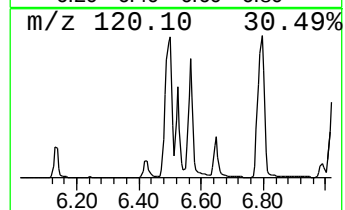
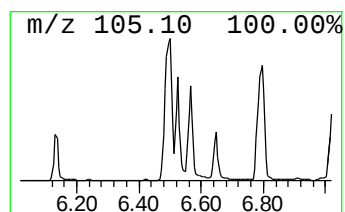
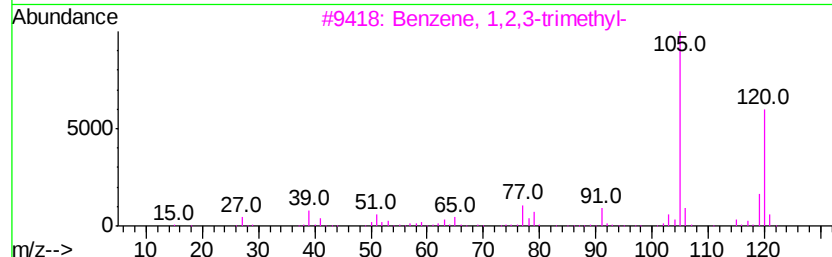
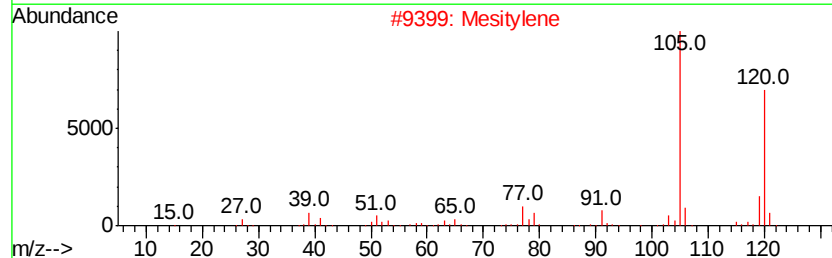
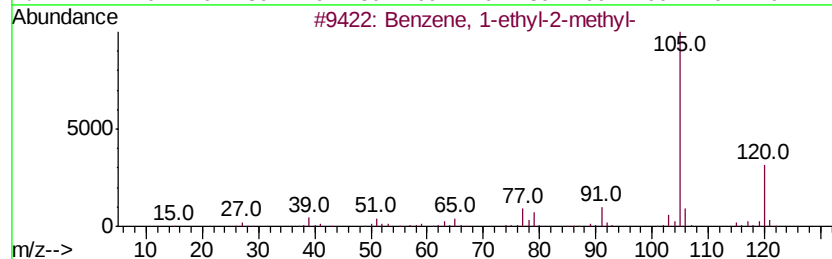
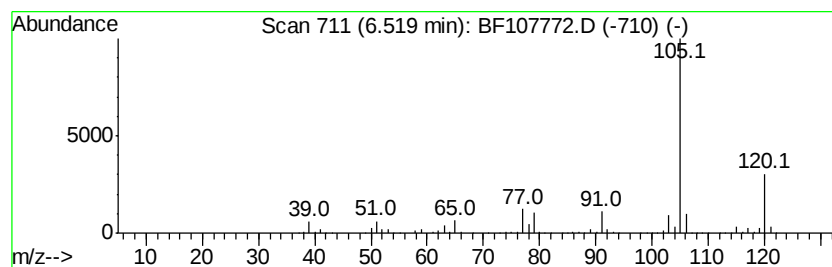
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	17.54 ng	3403270	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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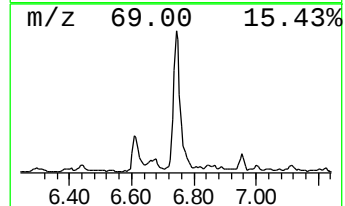
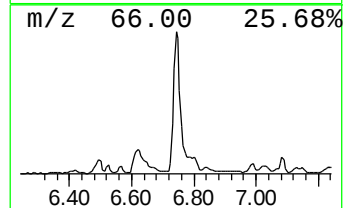
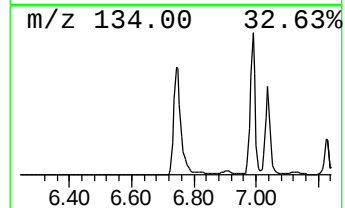
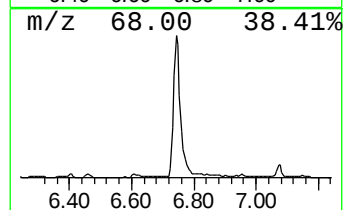
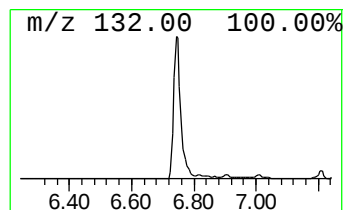
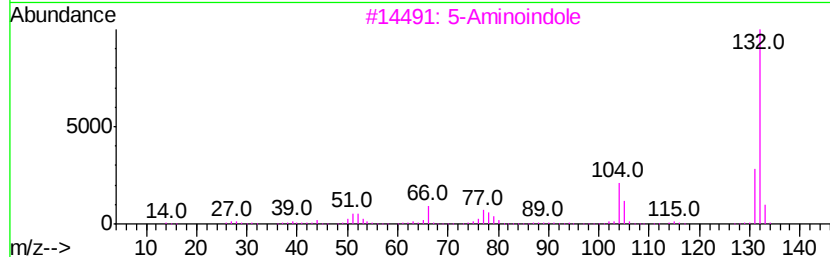
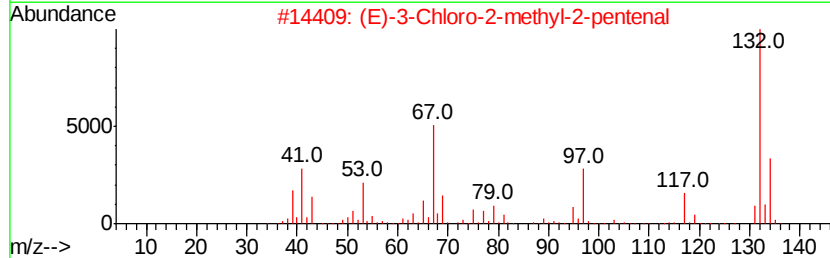
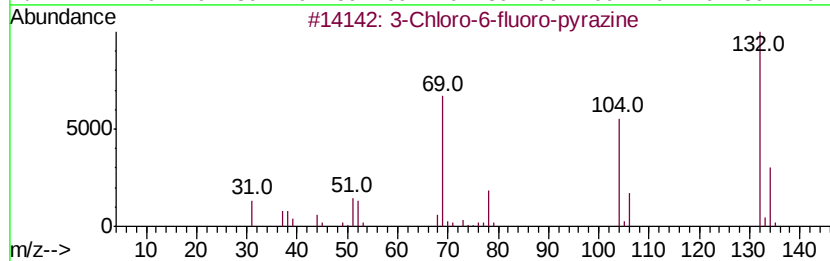
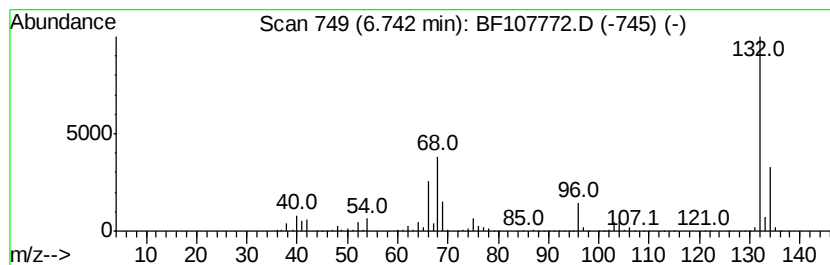
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	19.20 ng	3725890	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



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Data File : BF107772.D
Acq On : 28 Jul 2018 3:49
Operator : JU/SJ
Sample : J4184-02
Misc :
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ClientSampleId :
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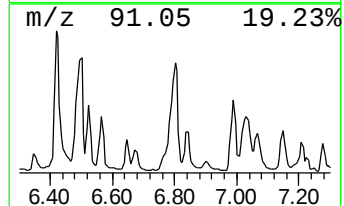
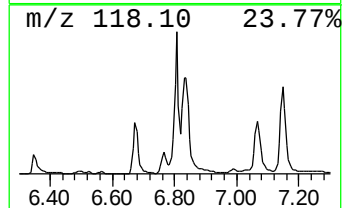
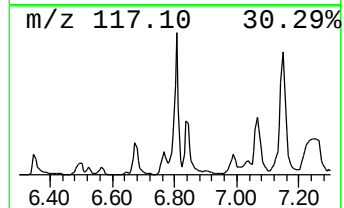
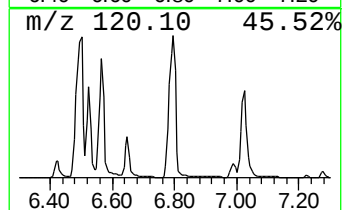
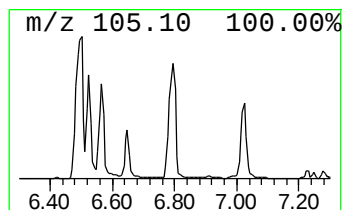
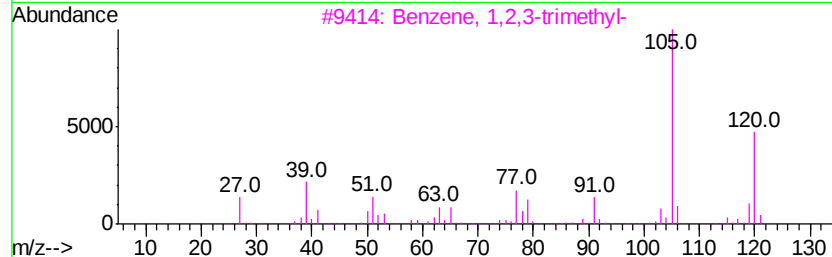
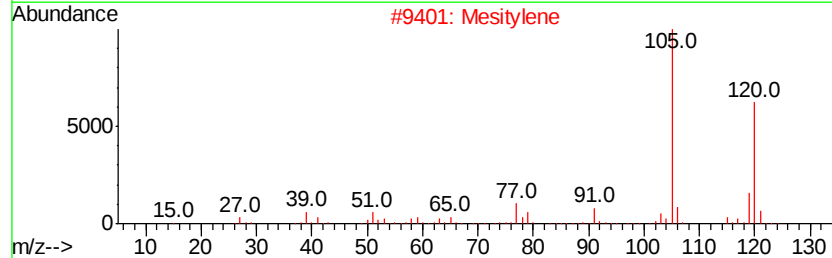
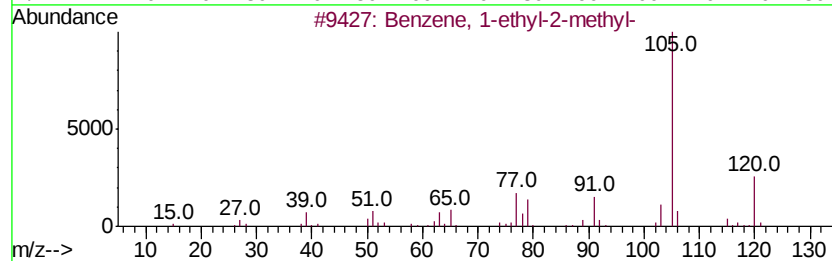
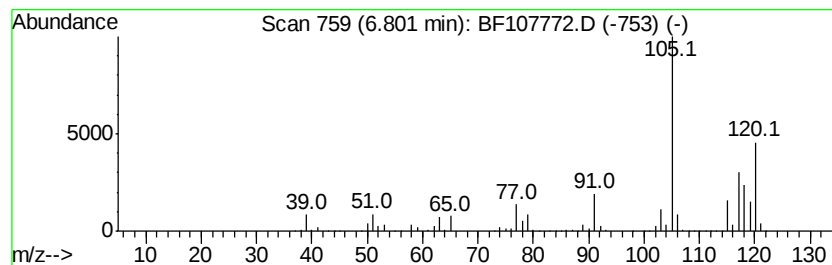
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	50.55 ng	9808300	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Mesitylene	120	C9H12	000108-67-8	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60



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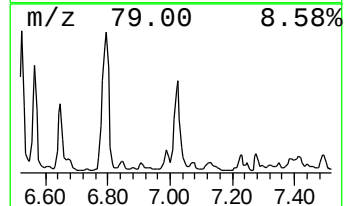
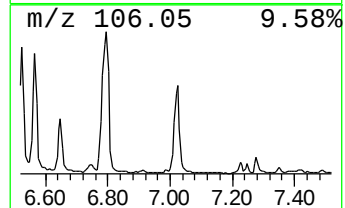
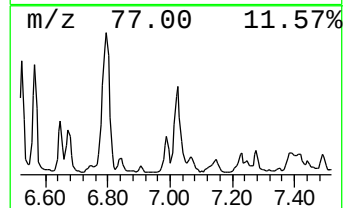
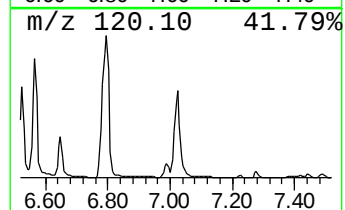
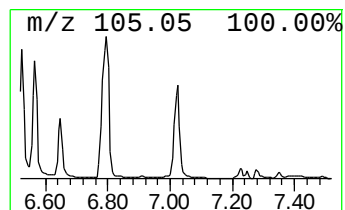
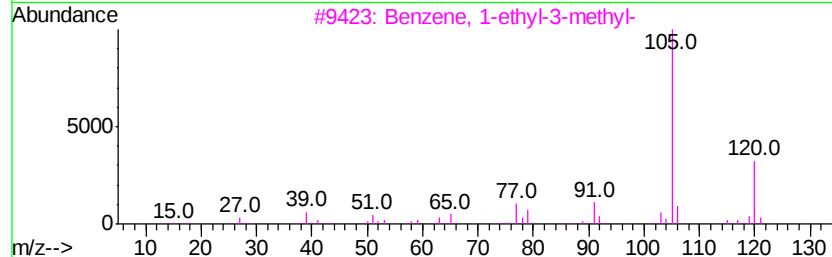
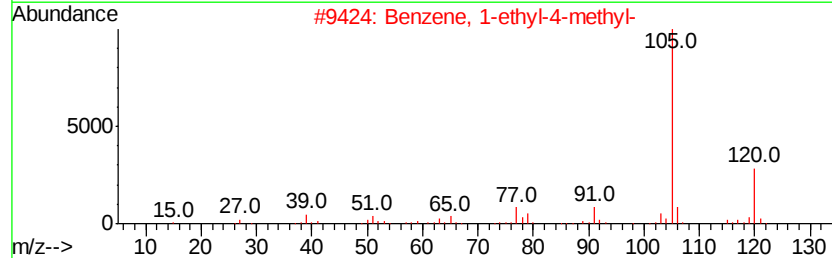
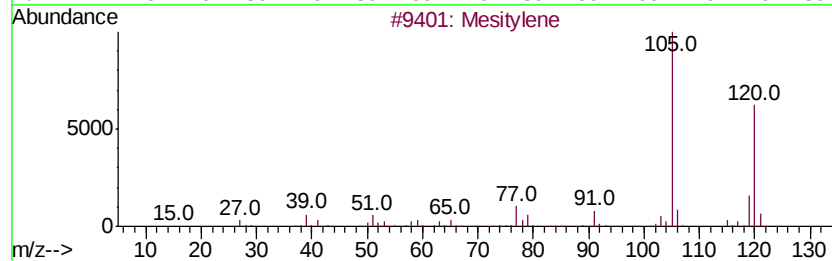
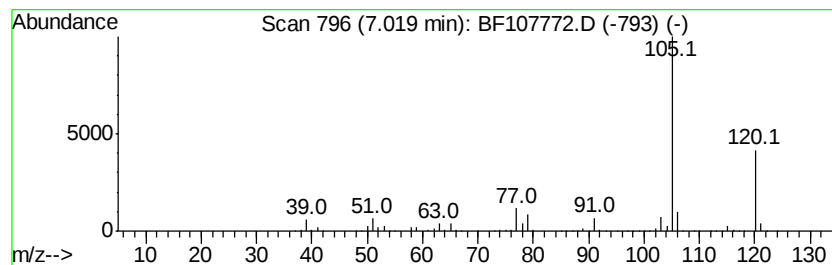
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	22.69 ng	4401540	1,4-Dichlorobenzene-d4	6.97

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



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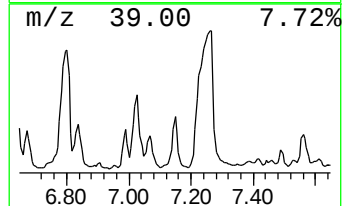
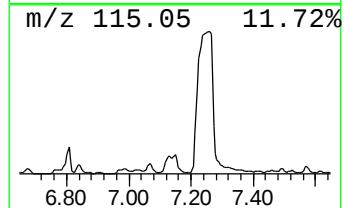
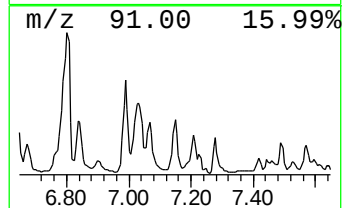
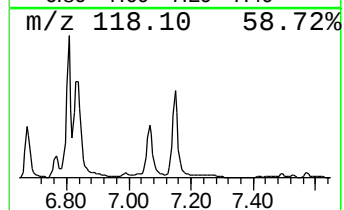
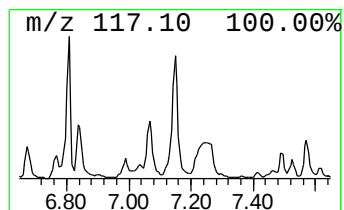
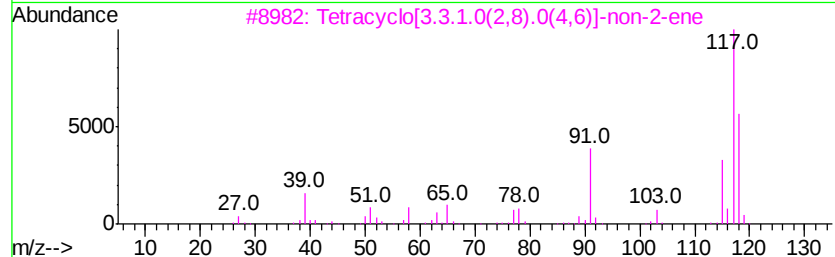
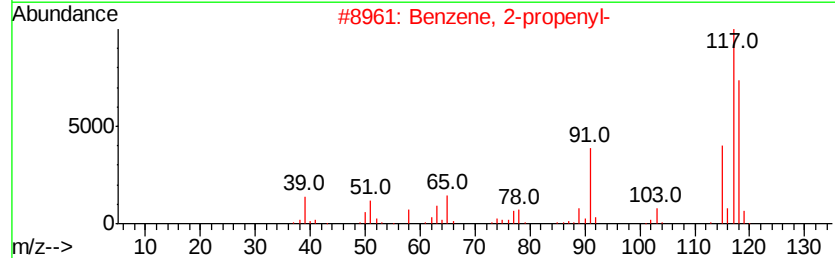
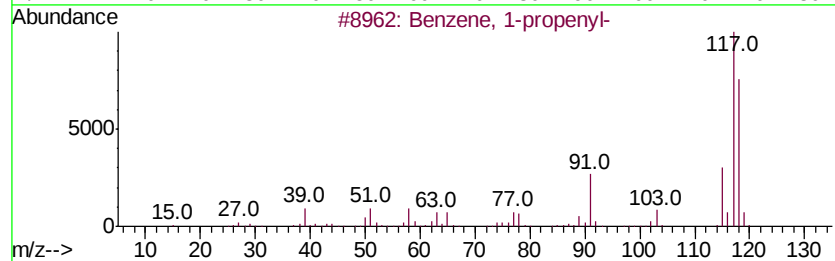
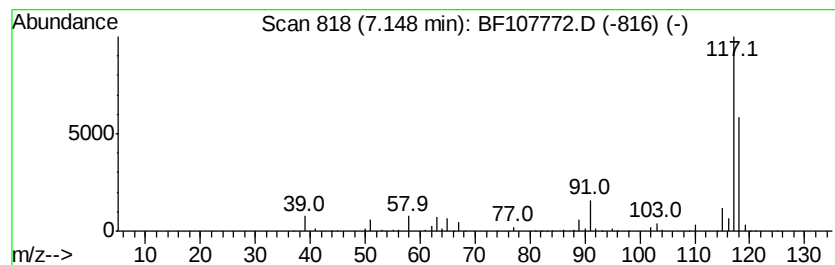
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	16.04 ng	3111850	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
4			Indane	118	C9H10	000496-11-7	72
5			Deltacyclene	118	C9H10	007785-10-6	59



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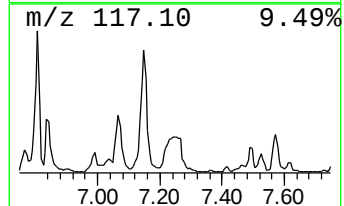
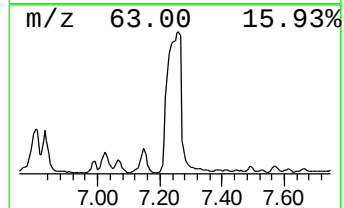
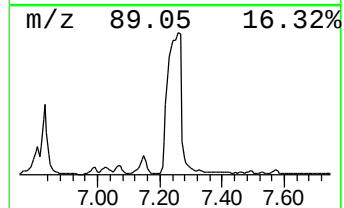
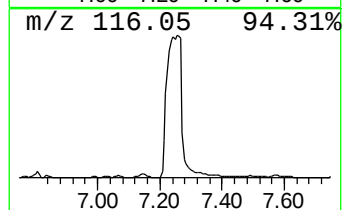
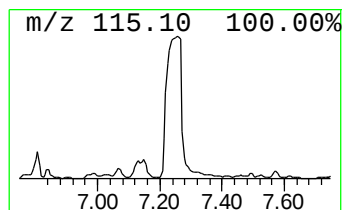
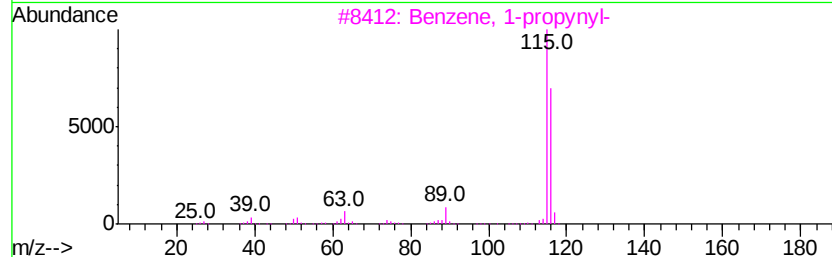
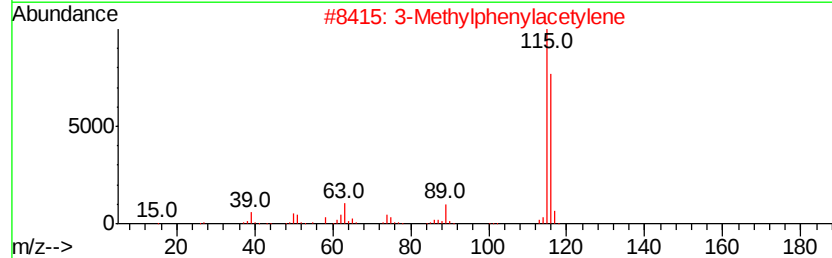
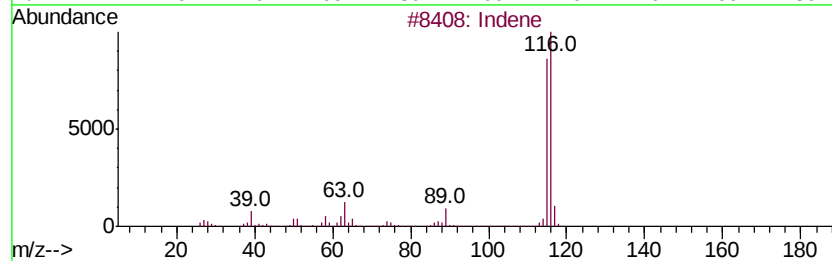
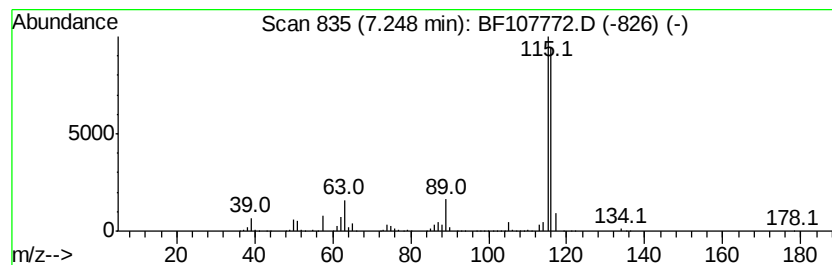
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	95.18 ng	18467000	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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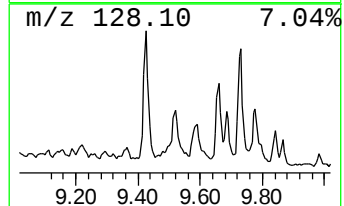
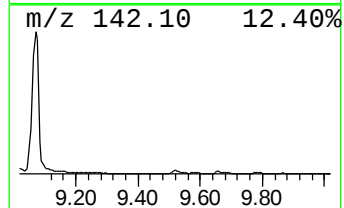
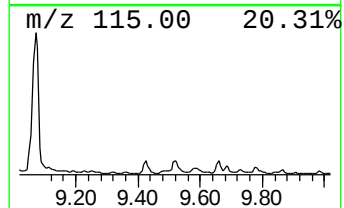
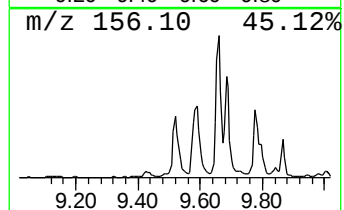
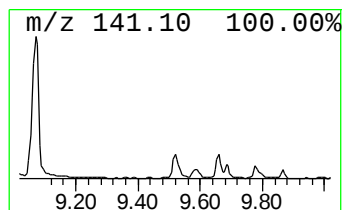
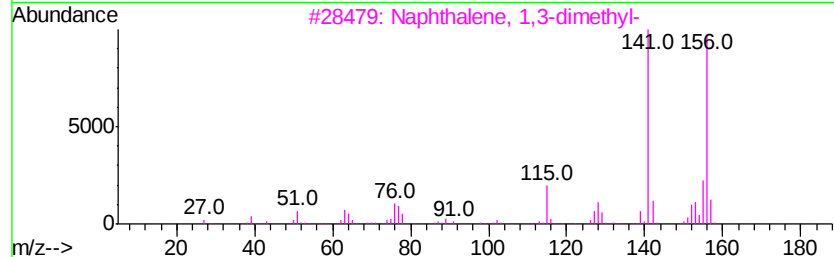
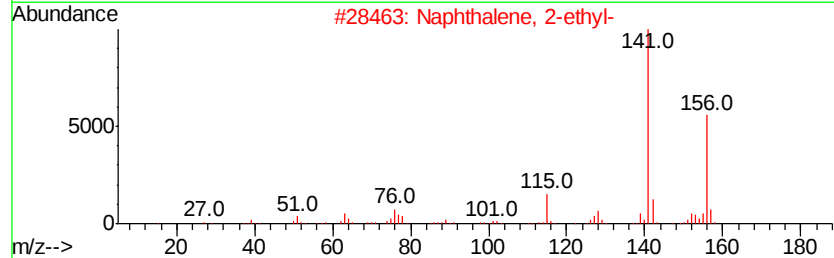
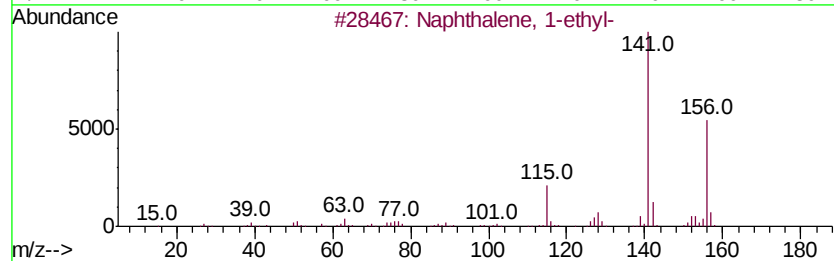
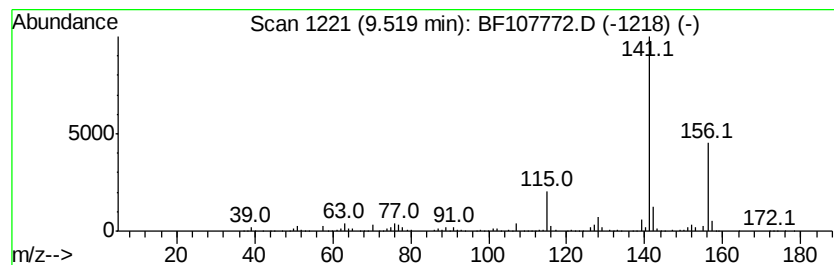
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	20.69 ng	1182230	Acenaphthene-d10	10.01

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	80
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5		2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	59



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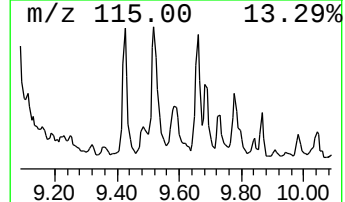
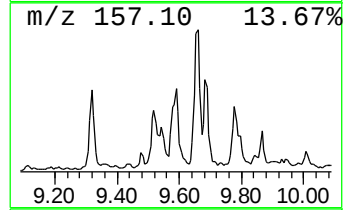
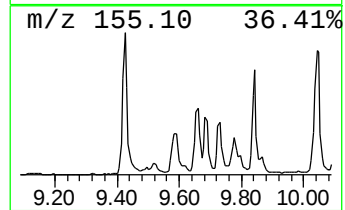
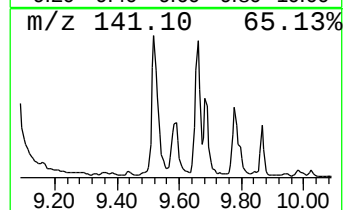
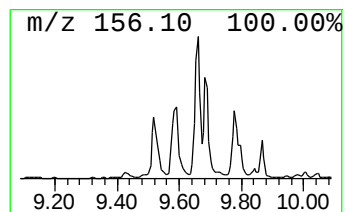
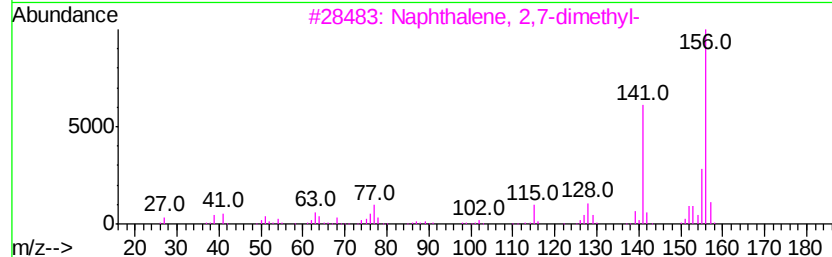
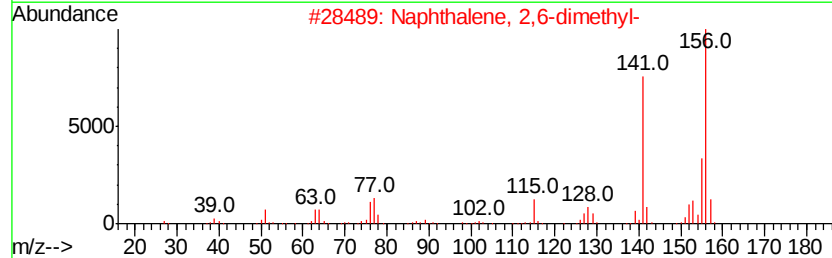
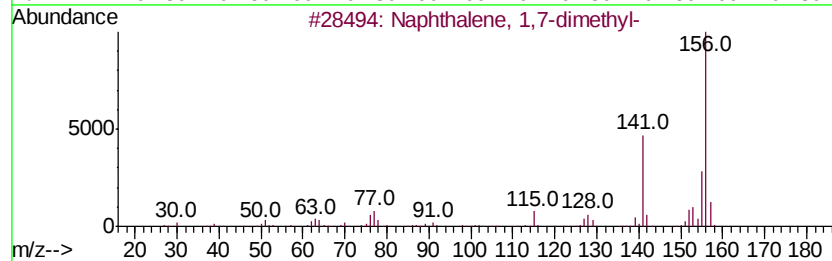
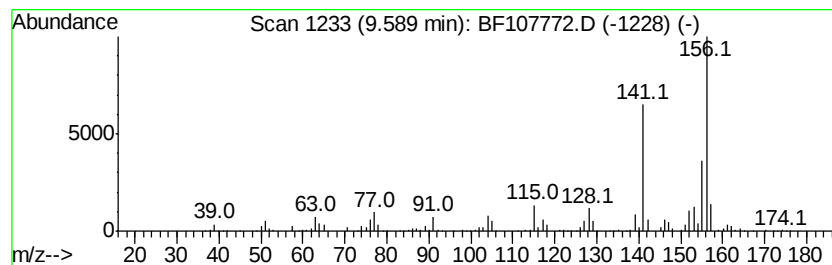
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	17.85 ng	1020240	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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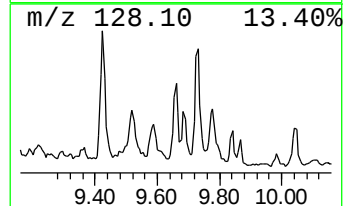
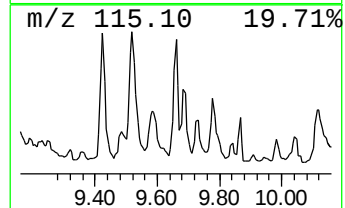
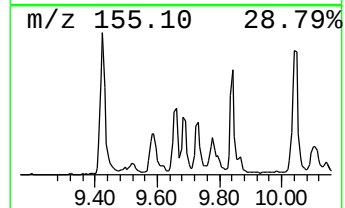
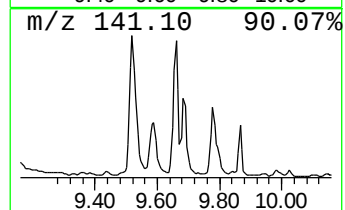
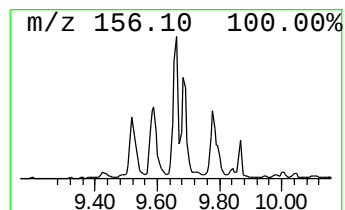
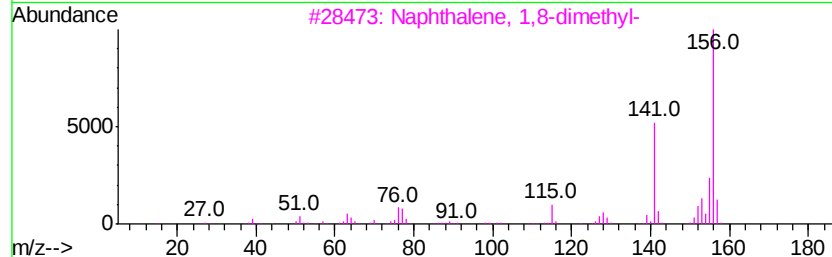
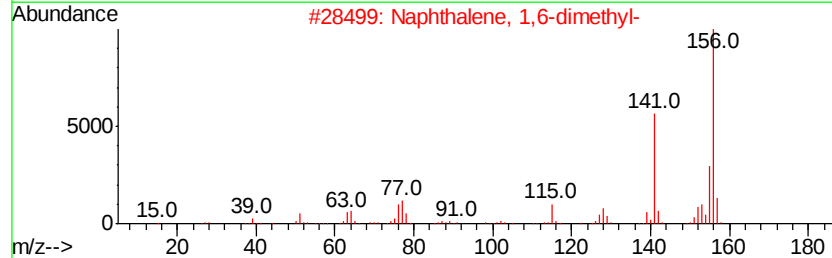
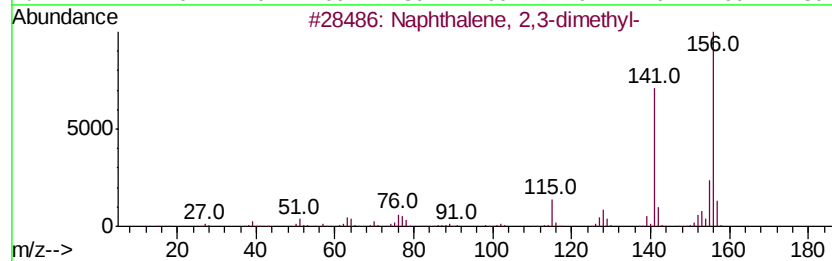
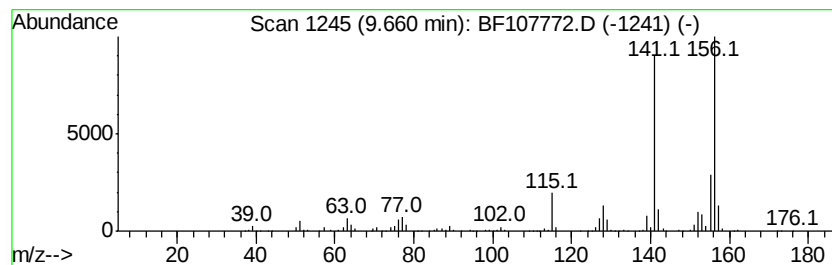
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	22.94 ng	1310860	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107772.D
Acq On : 28 Jul 2018 3:49
Operator : JU/SJ
Sample : J4184-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BD

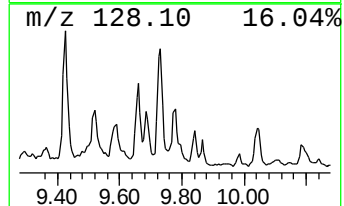
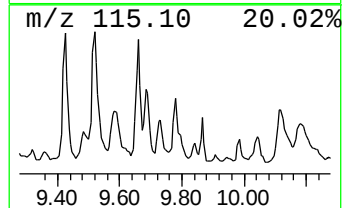
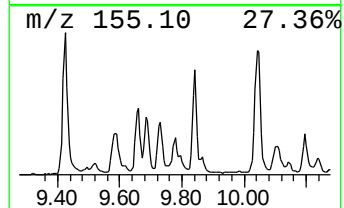
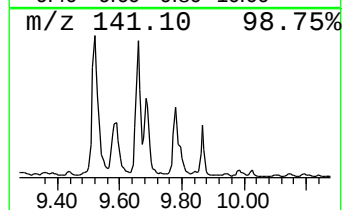
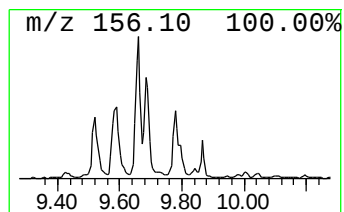
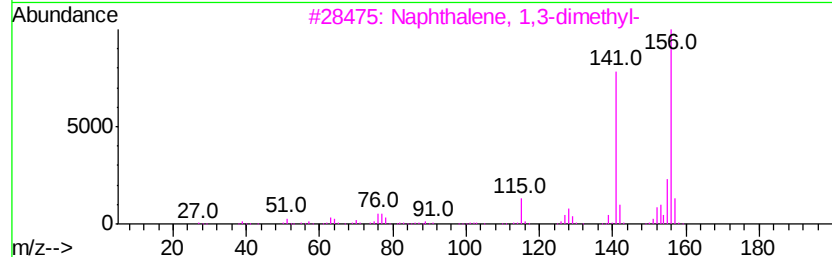
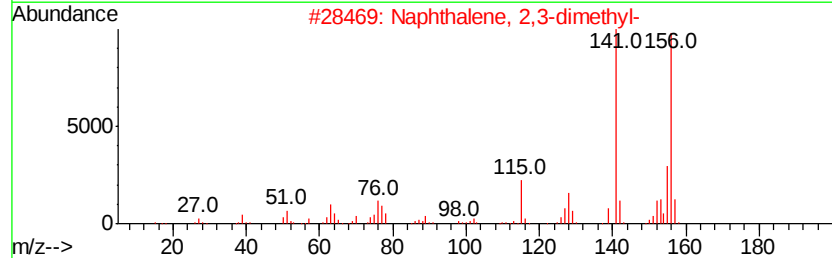
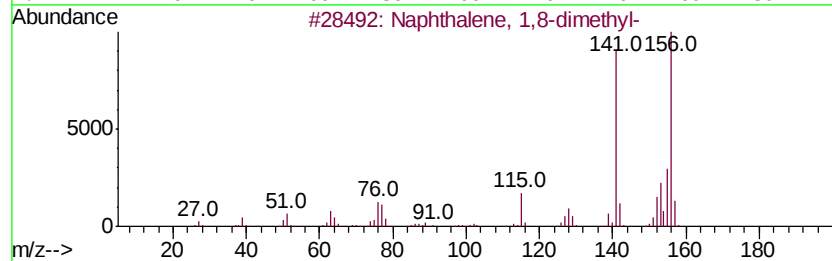
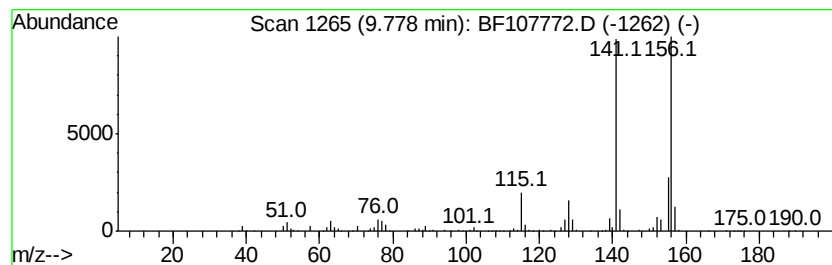
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	17.91 ng	1023520	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107772.D
Acq On : 28 Jul 2018 3:49
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Sample : J4184-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BD

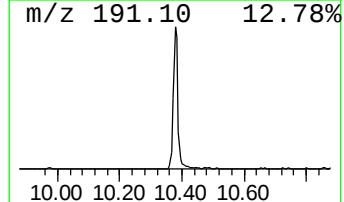
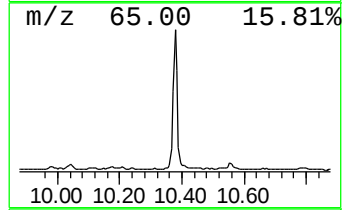
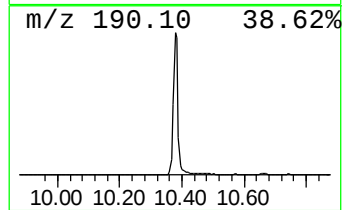
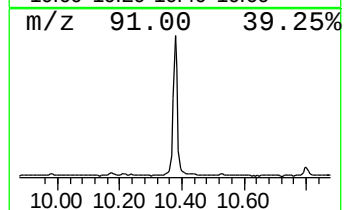
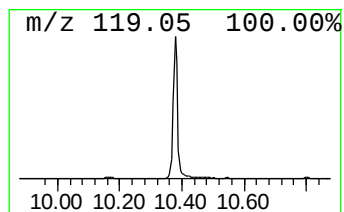
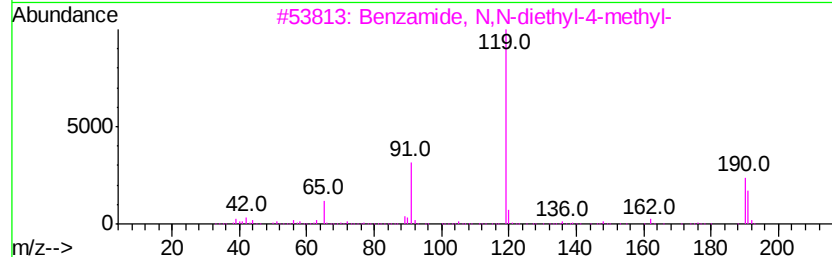
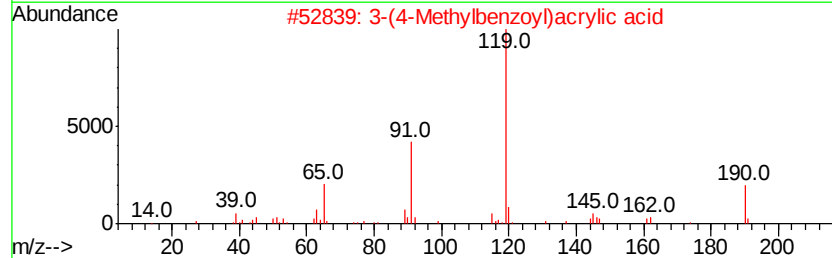
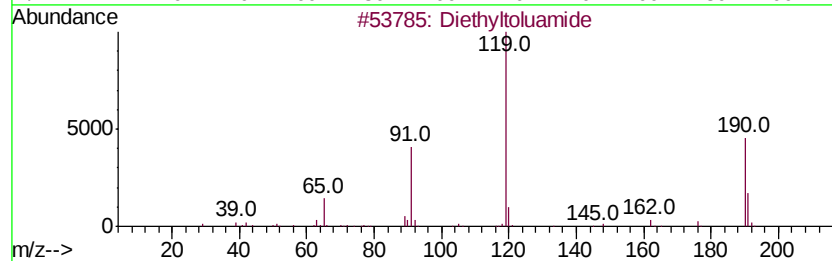
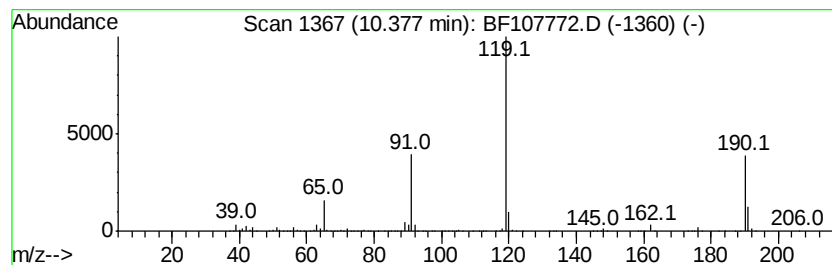
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	56.38 ng	3221820	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2		3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
3		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
4		L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	72
5		N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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Acq On : 28 Jul 2018 3:49
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Sample : J4184-02
Misc :
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Instrument :
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ClientSampleId :
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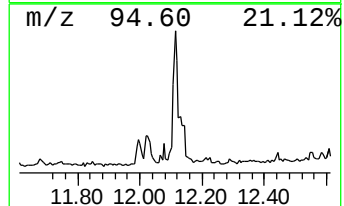
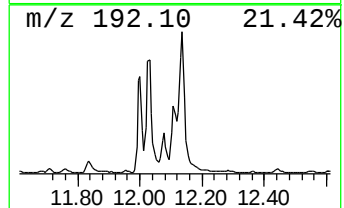
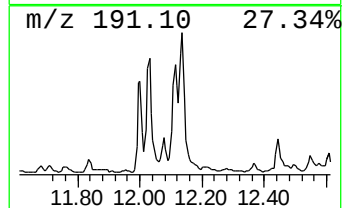
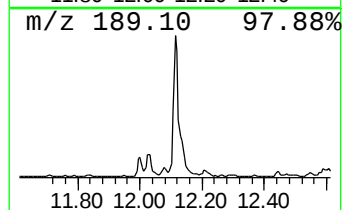
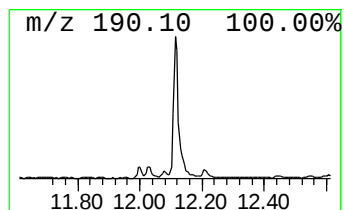
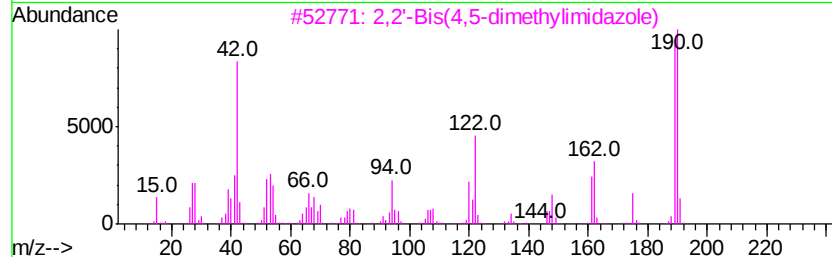
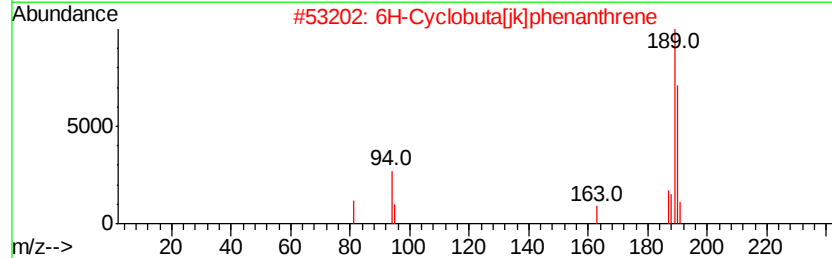
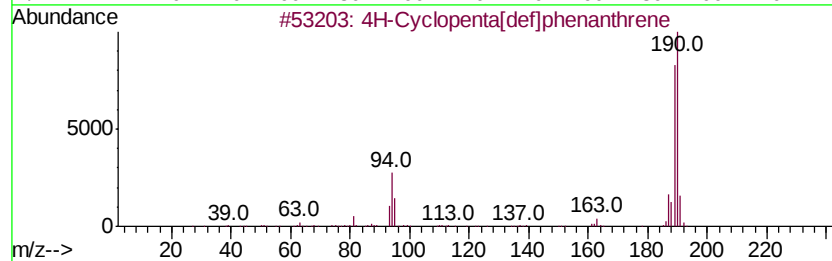
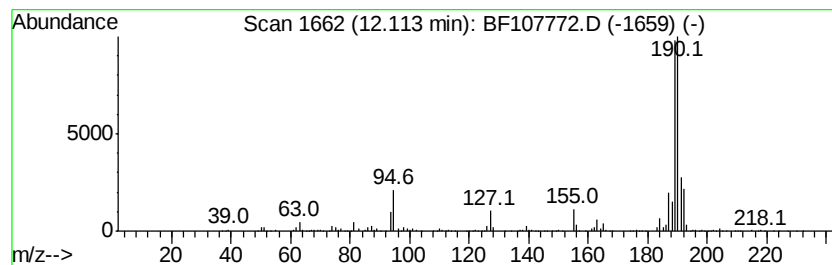
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	24.36 ng	1003570	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	35
5		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107772.D
Acq On : 28 Jul 2018 3:49
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Sample : J4184-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

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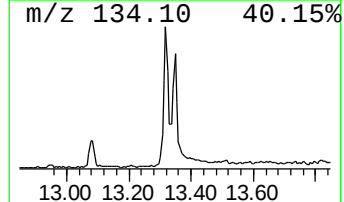
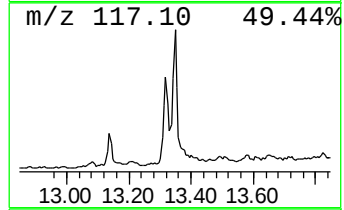
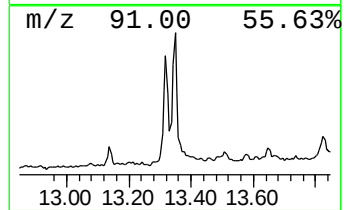
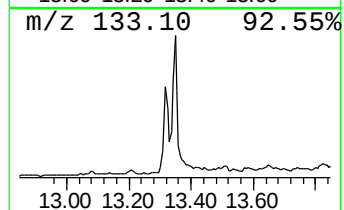
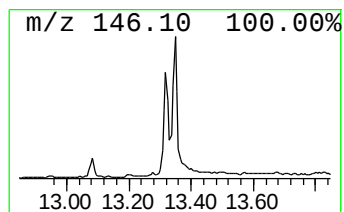
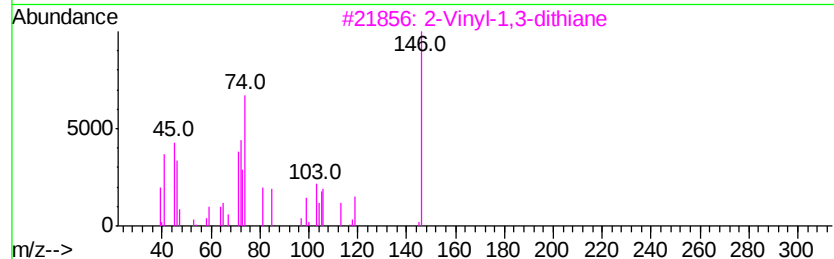
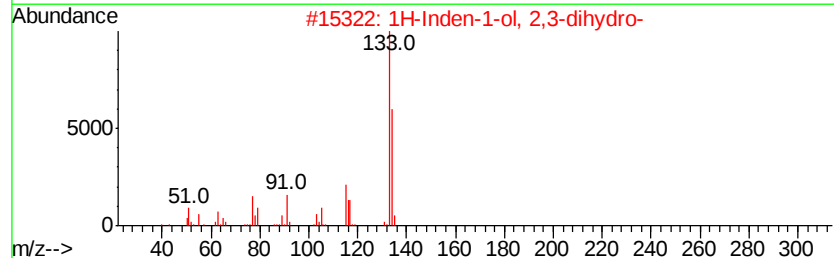
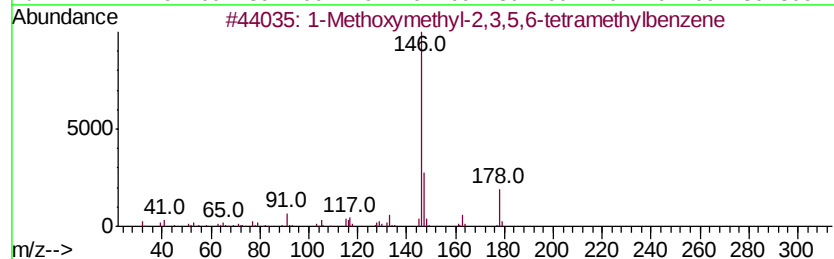
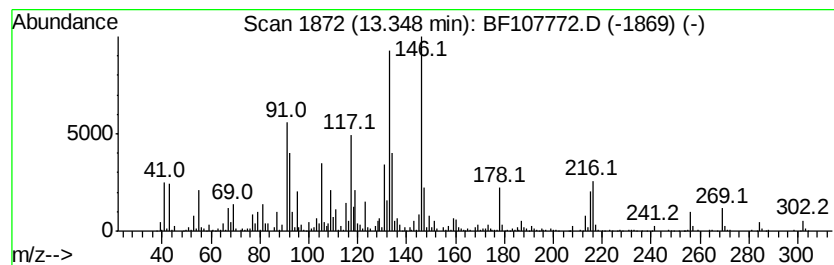
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.35 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	15.04 ng	1045180	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methoxymethyl-2,3,5,6-tetramet...	178	C12H18O	018922-11-7	41
2		1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	25
3		2-Vinyl-1,3-dithiane	146	C6H10S2	061685-40-3	25
4		5H-Benzocycloheptene, 6,7,8,9-tet...	146	C11H14	001075-16-7	22
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107772.D
Acq On : 28 Jul 2018 3:49
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Sample : J4184-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-7BD

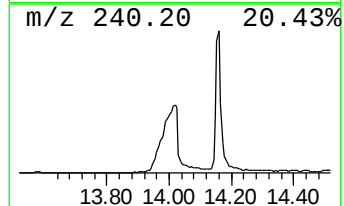
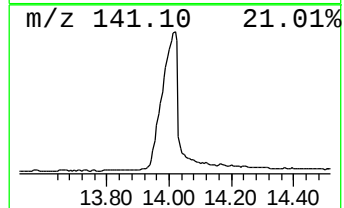
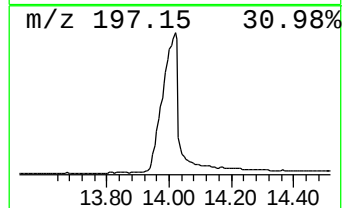
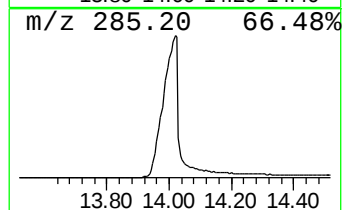
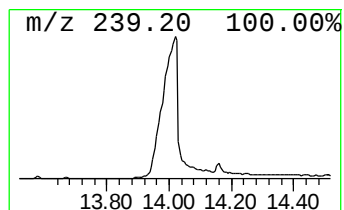
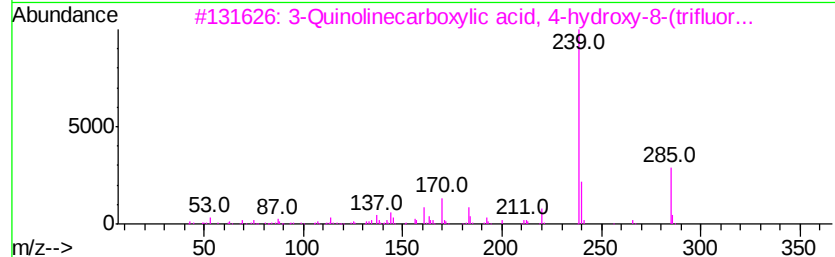
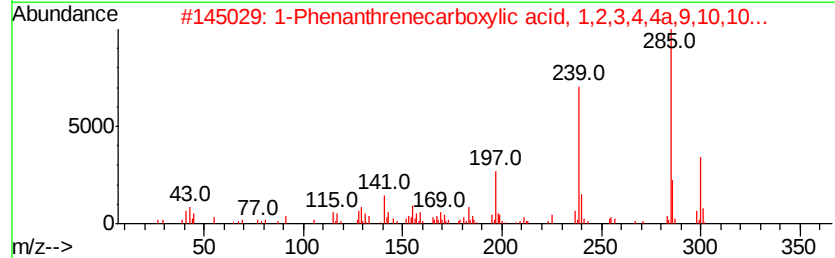
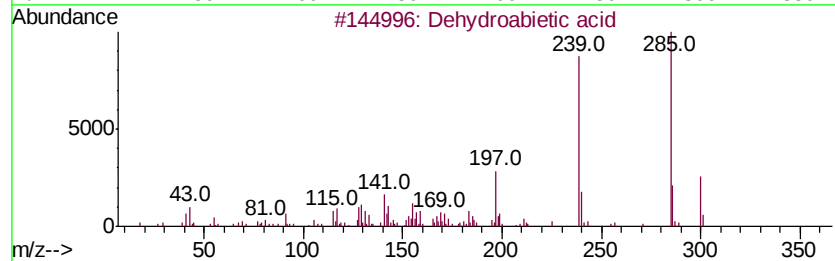
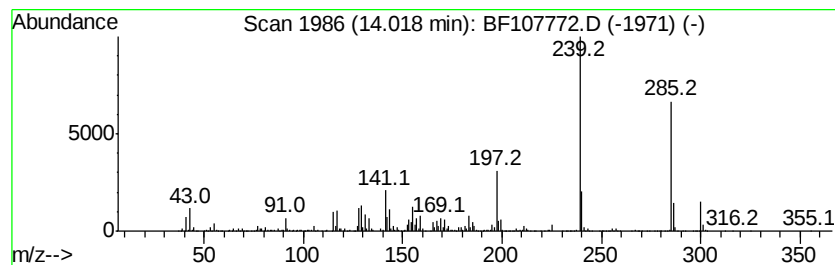
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dehydroabiatic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	260.07 ng	18070500	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydroabiatic acid	300	C20H28O2	001740-19-8	98
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	64
3		3-Quinolinecarboxylic acid, 4-hv...	285	C13H10F3N03	023851-84-5	50
4		Fumaric acid, decyl 4-methylpent...	340	C20H36O4	1000348-32-4	38
5		Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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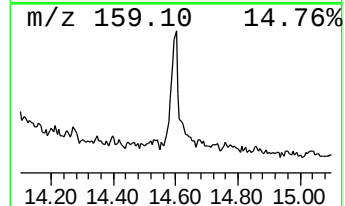
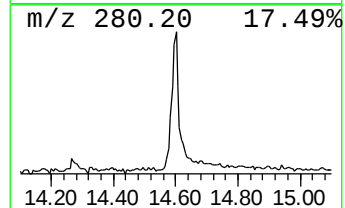
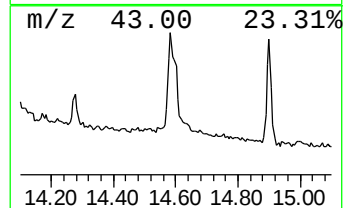
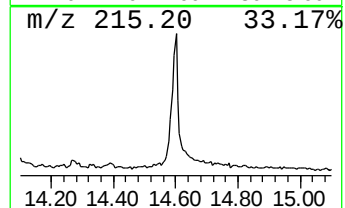
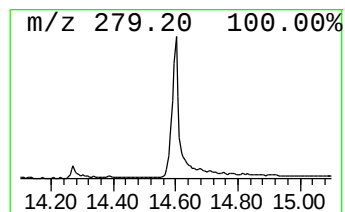
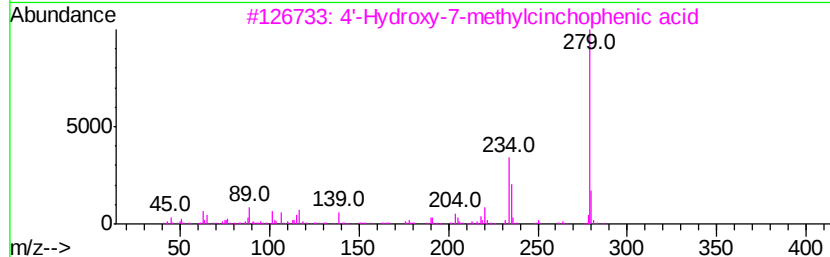
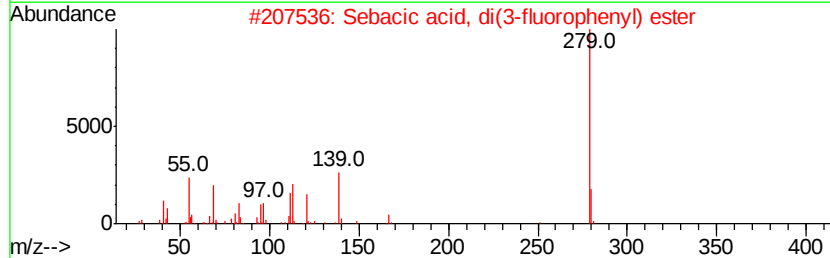
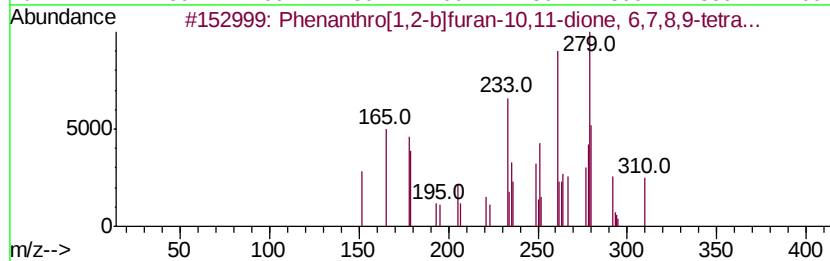
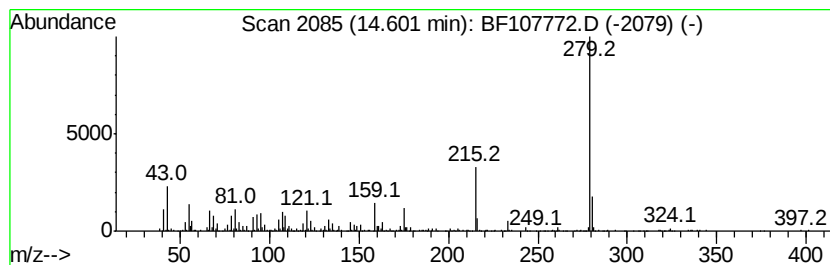
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthro[1,2-b]furan-10,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	16.93 ng	1176170	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthro[1,2-b]furan-10,11-dio...	310	C19H18O4	017397-93-2	64
2		Sebacic acid, di(3-fluorophenyl)...	390	C22H24F2O4	1000355-02-2	40
3		4'-Hydroxy-7-methylcinchophenic ...	279	C17H13NO3	116734-14-6	37
4		1,2,3,4-Benzenetetracarboxylic a...	310	C14H14O8	003451-02-3	37
5		Sebacic acid, di(2-fluorophenyl)...	390	C22H24F2O4	1000355-00-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107772.D
 Acq On : 28 Jul 2018 3:49
 Operator : JU/SJ
 Sample : J4184-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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-...	6.50	57.0	ng	11053000	1	6.97	3880540	20.0
Benzene, 1-ethyl-...	6.52	17.5	ng	3403270	1	6.97	3880540	20.0
unknown6.74	6.74	19.2	ng	3725890	1	6.97	3880540	20.0
Benzene, 1,2,3-tr...	6.80	50.5	ng	9808300	1	6.97	3880540	20.0
Mesitylene	7.02	22.7	ng	4401540	1	6.97	3880540	20.0
Benzene, 1-propenyl-	7.15	16.0	ng	3111850	1	6.97	3880540	20.0
Indene	7.25	95.2	ng	18467000	1	6.97	3880540	20.0
Naphthalene, 1-et...	9.52	20.7	ng	1182230	3	10.01	1142930	20.0
Naphthalene, 1,7-...	9.59	17.9	ng	1020240	3	10.01	1142930	20.0
Naphthalene, 2,3-...	9.66	22.9	ng	1310860	3	10.01	1142930	20.0
Naphthalene, 1,8-...	9.78	17.9	ng	1023520	3	10.01	1142930	20.0
Diethyltoluamide	10.38	56.4	ng	3221820	3	10.01	1142930	20.0
4H-Cyclopenta[def...	12.11	24.4	ng	1003570	4	11.50	823876	20.0
unknown13.35	13.35	15.0	ng	1045180	5	14.16	1389700	20.0
Dehydroabietic acid	14.02	260.1	ng	18070500	5	14.16	1389700	20.0
Phenanthro[1,2-b]...	14.60	16.9	ng	1176170	5	14.16	1389700	20.0