

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003209.D
 Acq On : 04 Sep 2020 13:44
 Operator : CG/JU
 Sample : L3877-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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	3.575	110	117	123	rBV	97601	256224	1.74%	0.142%
2	3.646	123	129	138	rVB	77509	210615	1.43%	0.117%
3	4.887	331	340	351	rBV4	44335	151741	1.03%	0.084%
4	5.193	386	392	410	rBV	520216	1135689	7.71%	0.630%
5	5.340	410	417	430	rVB	159754	335521	2.28%	0.186%
6	5.663	465	472	500	rBV	4630392	10747927	73.01%	5.959%
7	6.758	651	658	663	rVV	359064	661605	4.49%	0.367%
8	6.810	663	667	676	rVV	244030	522234	3.55%	0.290%
9	6.887	676	680	693	rVB2	164242	292330	1.99%	0.162%
10	7.052	702	708	709	rBV	187289	230007	1.56%	0.128%
11	7.087	709	714	724	rVB	1020003	1708369	11.60%	0.947%
12	7.322	745	754	762	rBV	4992658	11418163	77.56%	6.330%
13	7.399	762	767	784	rVB	2737996	5192838	35.27%	2.879%
14	7.769	825	830	836	rBV2	136428	222114	1.51%	0.123%
15	7.840	836	842	854	rVB	335585	637459	4.33%	0.353%
16	8.022	867	873	883	rBV	384238	654145	4.44%	0.363%
17	8.187	891	901	915	rBV	7263602	14721825	100.00%	8.162%
18	8.299	915	920	940	rVV	240187	684480	4.65%	0.379%
19	8.604	964	972	977	rBV4	128515	306709	2.08%	0.170%
20	8.687	977	986	992	rVV2	655531	1167092	7.93%	0.647%
21	8.757	992	998	1007	rVV2	428706	894359	6.08%	0.496%
22	8.840	1007	1012	1018	rVB	464058	754791	5.13%	0.418%
23	8.922	1019	1026	1036	rBV	1091381	2682873	18.22%	1.487%
24	9.028	1038	1044	1051	rVB	612751	1039639	7.06%	0.576%
25	9.252	1074	1082	1091	rBV3	334451	925980	6.29%	0.513%
26	9.340	1091	1097	1102	rBV2	322314	577738	3.92%	0.320%
27	9.422	1102	1111	1113	rBV2	858698	1475960	10.03%	0.818%
28	9.463	1113	1118	1129	rVB	6501184	12030061	81.72%	6.670%
29	9.693	1153	1157	1169	rVB2	117104	269351	1.83%	0.149%
30	9.869	1177	1187	1193	rBV	2880545	5785093	39.30%	3.207%
31	9.940	1193	1199	1202	rVV	1731110	3107877	21.11%	1.723%
32	9.975	1202	1205	1212	rVV	2297104	3807373	25.86%	2.111%
33	10.034	1212	1215	1226	rVB3	191854	396358	2.69%	0.220%
34	10.140	1226	1233	1237	rBV	437117	841721	5.72%	0.467%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.316	1258	1263	1267	rVV	118340	213214	1.45%	0.118%
36	10.428	1278	1282	1285	rBV2	141690	220784	1.50%	0.122%
37	10.487	1285	1292	1299	rVB	6344795	11450689	77.78%	6.348%
38	10.593	1306	1310	1319	rVB	226257	477979	3.25%	0.265%
39	10.722	1328	1332	1337	rVB	114137	169604	1.15%	0.094%
40	10.781	1338	1342	1346	rBV3	101200	155578	1.06%	0.086%
41	10.828	1347	1350	1359	rVB4	81925	183068	1.24%	0.101%
42	10.946	1361	1370	1380	rBV	4593157	8285456	56.28%	4.594%
43	11.081	1386	1393	1410	rBV	4193567	8749762	59.43%	4.851%
44	11.375	1441	1443	1449	rVB	117710	162604	1.10%	0.090%
45	11.481	1450	1461	1464	rBV2	305300	716431	4.87%	0.397%
46	11.634	1481	1487	1492	rVB	368298	580977	3.95%	0.322%
47	11.734	1499	1504	1510	rBV4	115286	261099	1.77%	0.145%
48	11.951	1537	1541	1545	rBV3	100882	163178	1.11%	0.090%
49	11.998	1545	1549	1557	rVB2	150228	313956	2.13%	0.174%
50	12.093	1557	1565	1580	rVB2	4625390	11569507	78.59%	6.414%
51	12.257	1588	1593	1598	rBV	918571	1439467	9.78%	0.798%
52	12.322	1598	1604	1614	rVB2	1852947	3430529	23.30%	1.902%
53	12.404	1614	1618	1626	rVB	144919	232723	1.58%	0.129%
54	12.504	1630	1635	1637	rBV	288539	408895	2.78%	0.227%
55	12.540	1637	1641	1652	rVV	326128	1076475	7.31%	0.597%
56	12.657	1656	1661	1668	rVV	292584	541130	3.68%	0.300%
57	12.745	1670	1676	1683	rVB	827844	1298133	8.82%	0.720%
58	12.851	1689	1694	1700	rBV	414709	888326	6.03%	0.492%
59	13.016	1716	1722	1736	rVB	720554	1409785	9.58%	0.782%
60	13.128	1737	1741	1743	rBV	176832	246871	1.68%	0.137%
61	13.175	1743	1749	1757	rBV	4219232	7997556	54.32%	4.434%
62	13.322	1771	1774	1776	rBV	160392	215118	1.46%	0.119%
63	13.357	1776	1780	1785	rVB	537004	858926	5.83%	0.476%
64	13.416	1786	1790	1793	rBV	447345	618109	4.20%	0.343%
65	13.469	1793	1799	1804	rVB4	486533	1177725	8.00%	0.653%
66	13.528	1804	1809	1814	rBV	635008	923020	6.27%	0.512%
67	13.610	1817	1823	1829	rBV2	1207829	2115081	14.37%	1.173%
68	13.669	1829	1833	1838	rVB	389748	525265	3.57%	0.291%
69	13.745	1840	1846	1854	rBV2	290951	611732	4.16%	0.339%
70	13.851	1861	1864	1866	rBV	170082	221079	1.50%	0.123%
71	13.892	1866	1871	1886	rVB	1267224	3062576	20.80%	1.698%

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72	14.016	1887	1892	1897	rBV2	836055	1357352	9.22%	0.753%
73	14.063	1898	1900	1910	rVB3	258889	374702	2.55%	0.208%
74	14.192	1917	1922	1926	rBV	860703	1413241	9.60%	0.784%
75	14.363	1946	1951	1959	rVB2	393103	737158	5.01%	0.409%
76	14.781	2019	2022	2026	rVB	143690	175783	1.19%	0.097%
77	15.069	2066	2071	2077	rBV4	115817	282072	1.92%	0.156%
78	15.122	2078	2080	2085	rVB	149527	181489	1.23%	0.101%
79	15.175	2085	2089	2093	rBV2	111416	184092	1.25%	0.102%
80	15.257	2098	2103	2107	rBV2	406849	673051	4.57%	0.373%
81	15.345	2114	2118	2124	rVB2	230429	316065	2.15%	0.175%
82	15.898	2207	2212	2217	rBV	617177	954070	6.48%	0.529%
83	16.933	2384	2388	2395	rVB	596084	831345	5.65%	0.461%
84	17.045	2404	2407	2410	rBV	234634	276231	1.88%	0.153%
85	17.086	2411	2414	2419	rVB	497823	651361	4.42%	0.361%
86	17.181	2426	2430	2434	rVB	242715	333731	2.27%	0.185%
87	17.269	2441	2445	2451	rVB	654208	925576	6.29%	0.513%
88	17.475	2476	2480	2486	rBV	641033	808993	5.50%	0.449%
89	17.763	2525	2529	2539	rVB	678867	1077891	7.32%	0.598%
90	17.945	2553	2560	2563	rBV3	481260	1054934	7.17%	0.585%
91	18.104	2584	2587	2592	rVB2	279561	365426	2.48%	0.203%
92	18.210	2603	2605	2609	rVB	224393	231861	1.57%	0.129%
93	18.857	2712	2715	2722	rVB	589383	784930	5.33%	0.435%
94	18.969	2732	2734	2740	rVB	439012	498936	3.39%	0.277%
95	19.069	2748	2751	2756	rBV	356402	447531	3.04%	0.248%
96	19.257	2780	2783	2790	rVB2	353939	425242	2.89%	0.236%
97	19.422	2808	2811	2820	rVB2	682858	953727	6.48%	0.529%
98	21.139	3098	3103	3107	rBV2	1544804	2488211	16.90%	1.379%
99	23.380	3478	3484	3491	rVB2	1520042	2748980	18.67%	1.524%

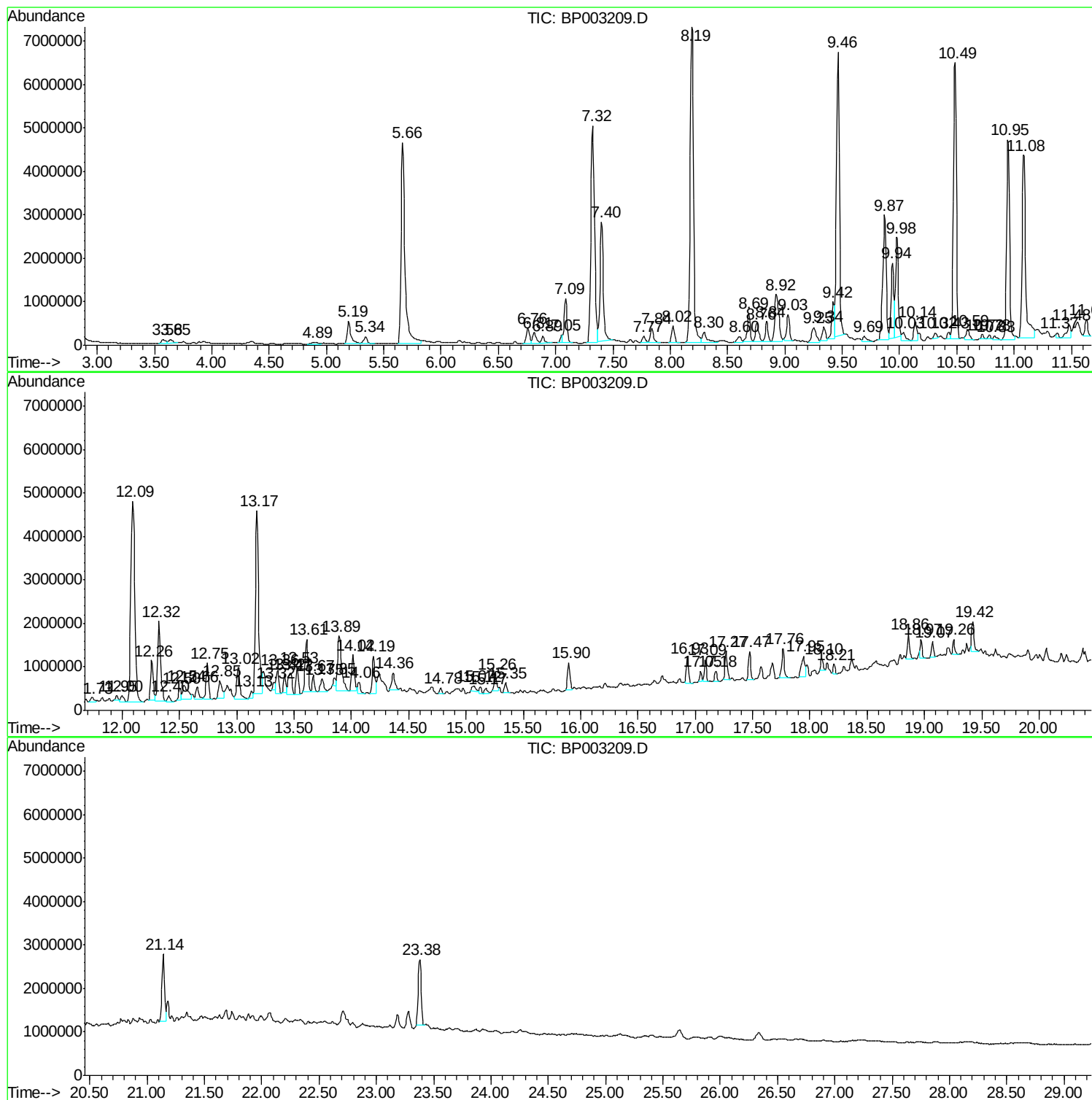
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.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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Instrument :
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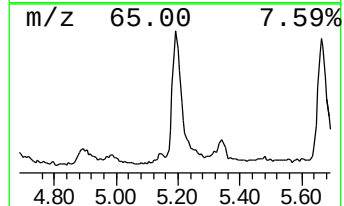
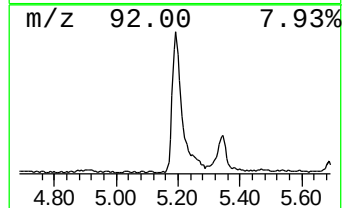
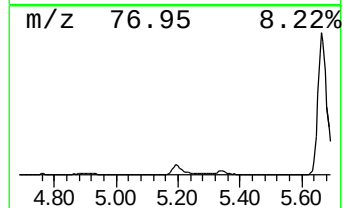
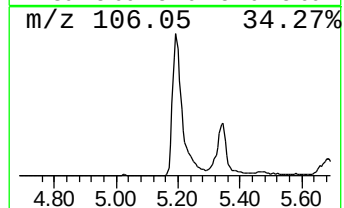
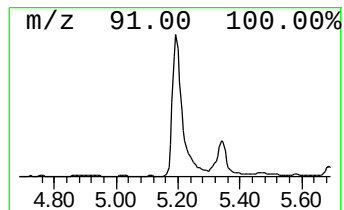
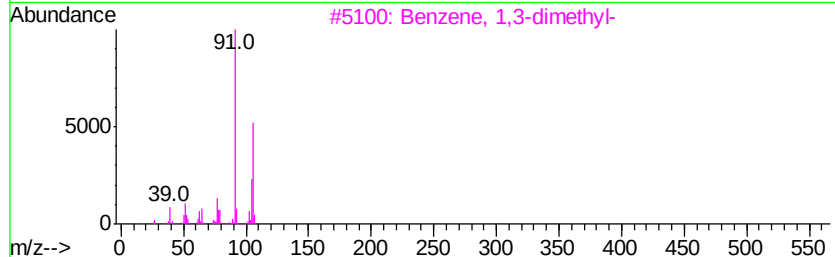
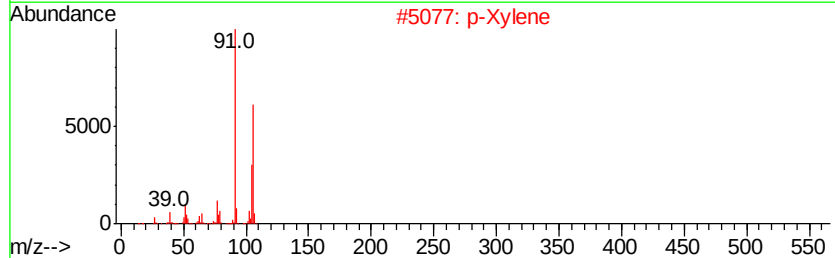
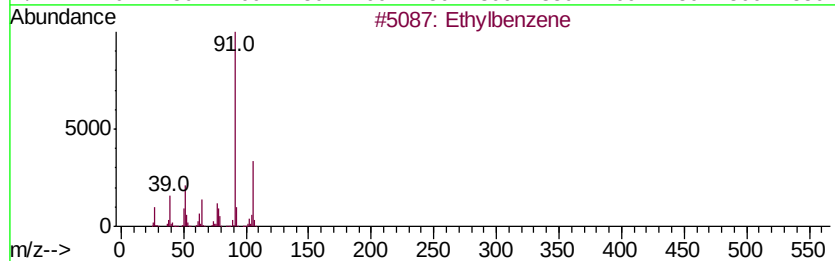
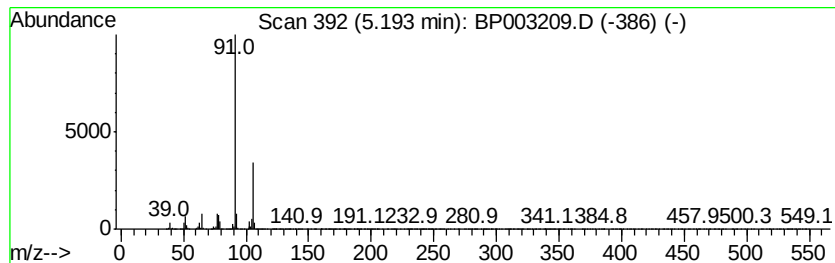
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethylbenzene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	102.26 ng	1135690	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	91
2		p-Xylene	106	C8H10	000106-42-3	80
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
4		o-Xylene	106	C8H10	000095-47-6	58
5		N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	43



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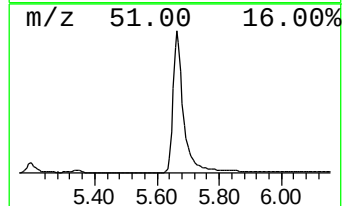
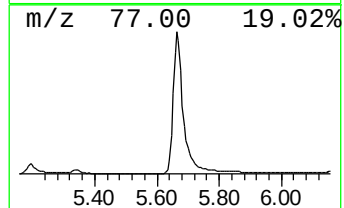
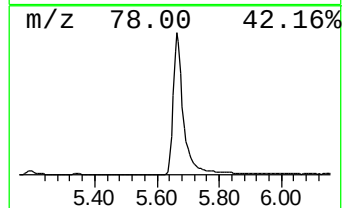
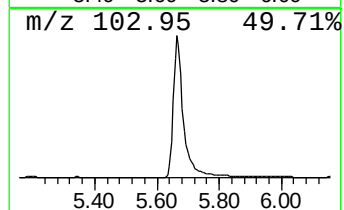
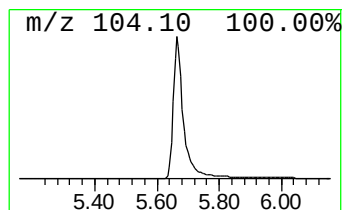
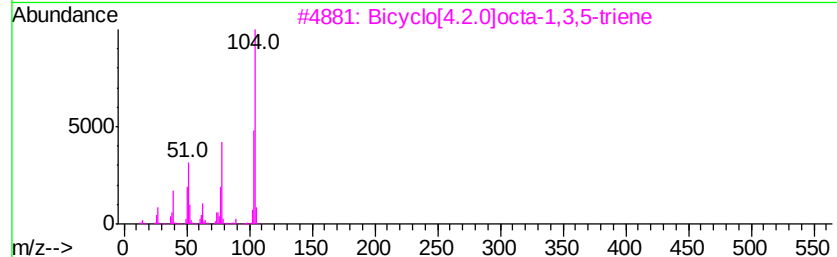
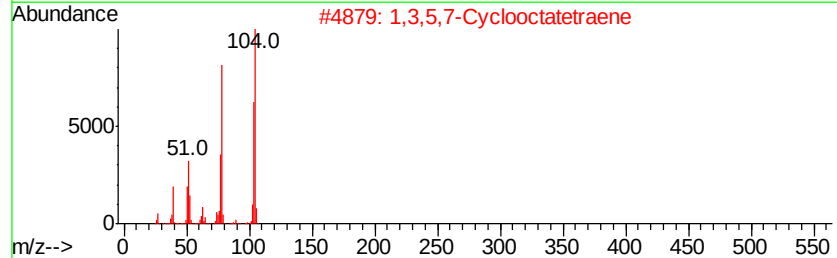
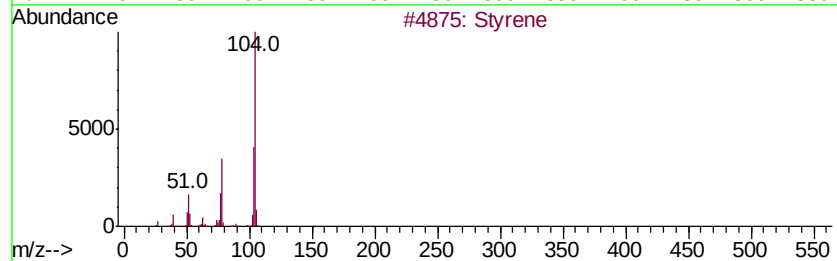
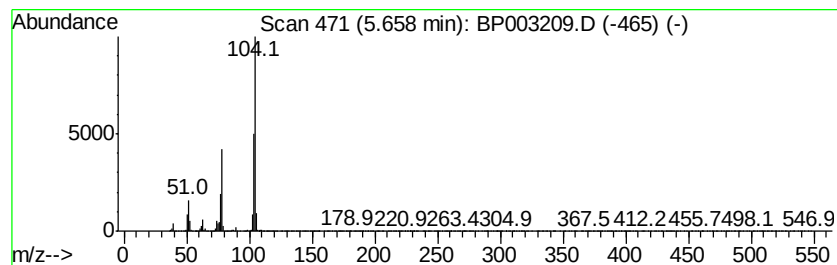
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Styrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	967.79 ng	10747900	1,4-Dichlorobenzene-d4	7.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene		104	C8H8	000100-42-5	95
2	1,3,5,7-Cyclooctatetraene		104	C8H8	000629-20-9	95
3	Bicyclo[4.2.0]octa-1,3,5-triene		104	C8H8	000694-87-1	94
4	Butanedioic acid, phenyl-		194	C10H10O4	000635-51-8	45
5	Benzene, 1,1'-(1,2-cyclobutanedi...		208	C16H16	007694-30-6	42



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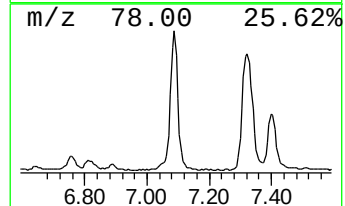
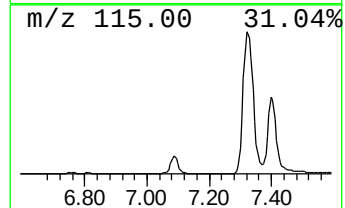
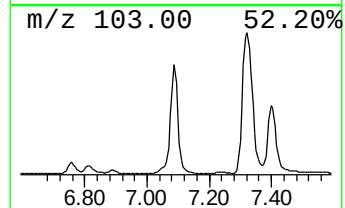
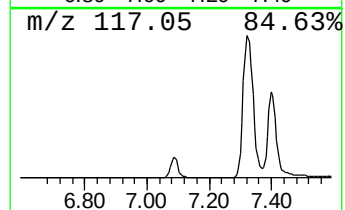
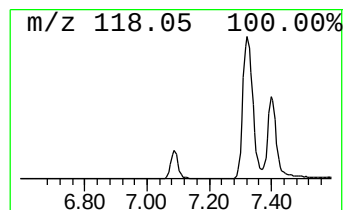
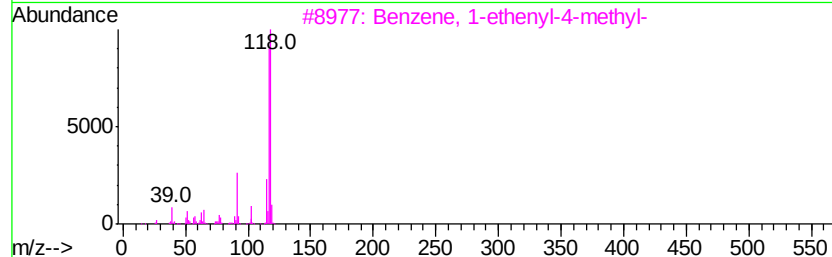
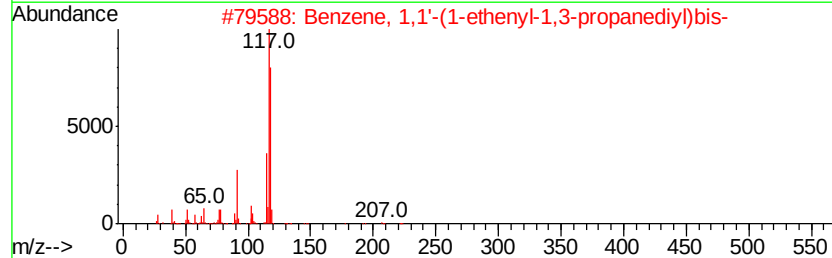
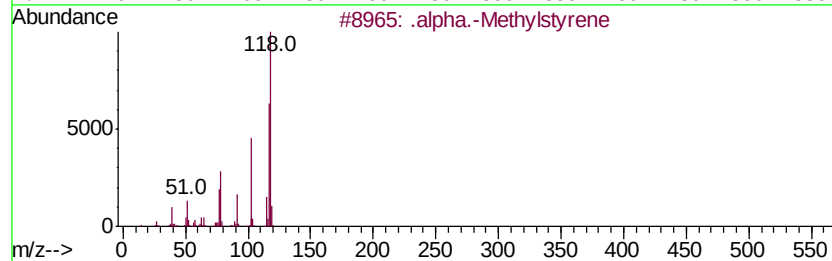
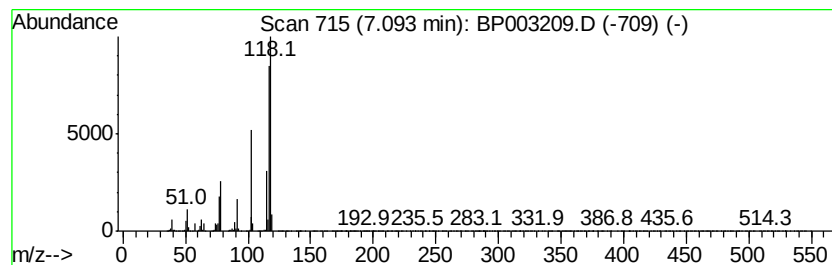
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Peak Number 3 .alpha.-Methylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	153.83 ng	1708370	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstyrene	118	C9H10	000098-83-9	94
2		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	50
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	42
4		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	38
5		Benzeneethanol, .beta.-ethenyl-....	224	C16H16O	123614-05-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

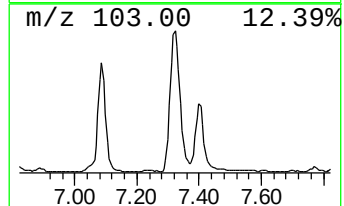
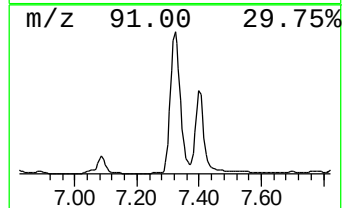
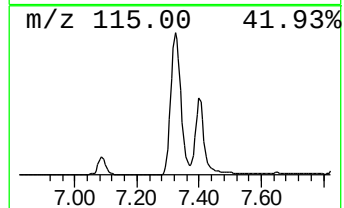
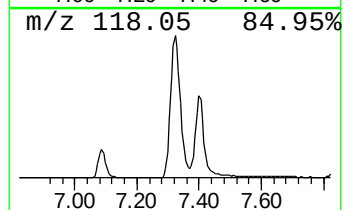
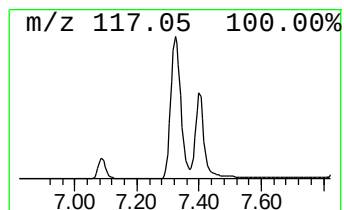
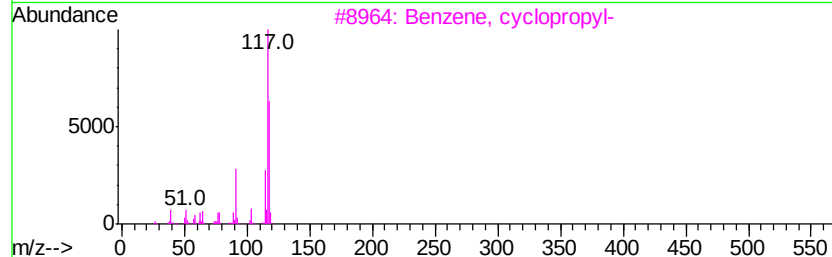
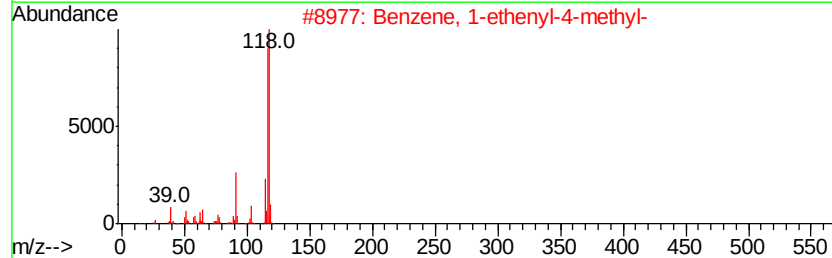
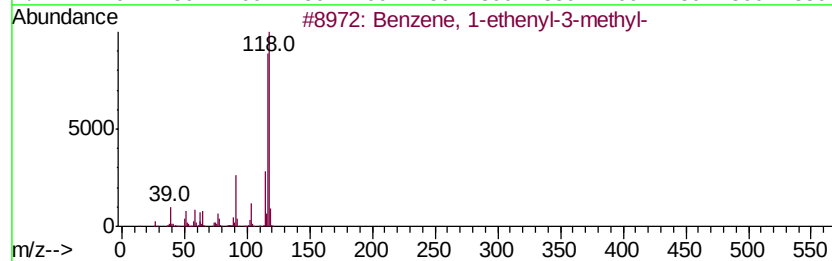
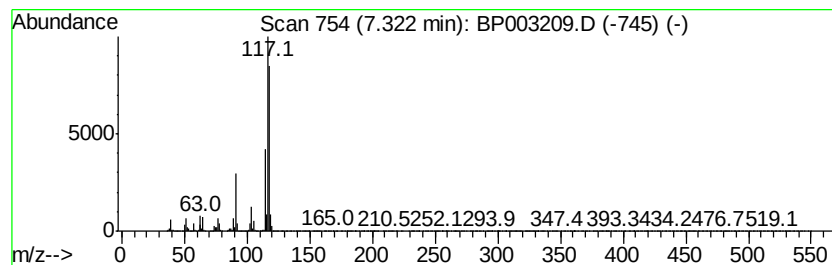
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	1028.14 ng	11418200	1,4-Dichlorobenzene-d4	7.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

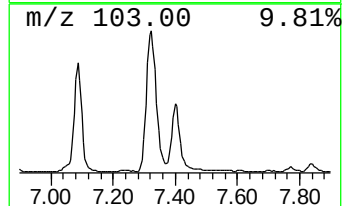
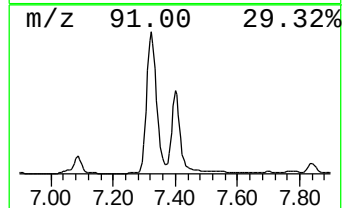
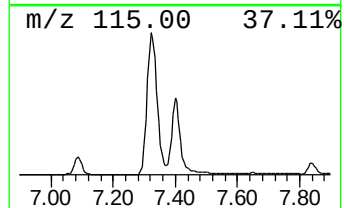
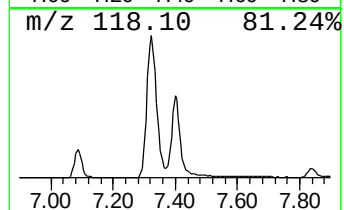
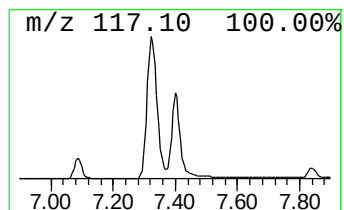
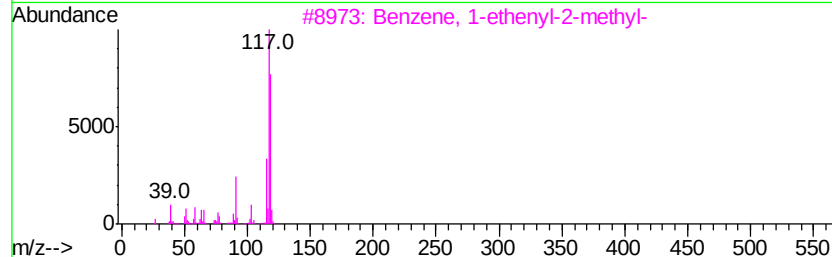
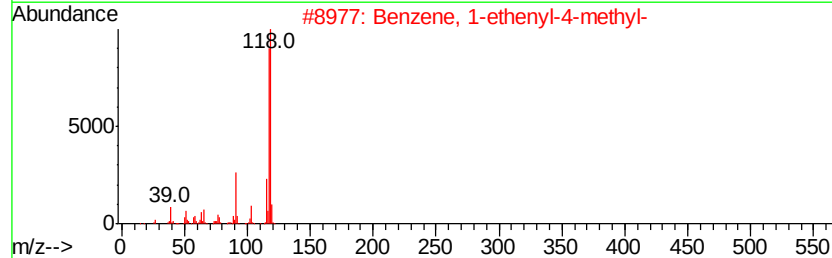
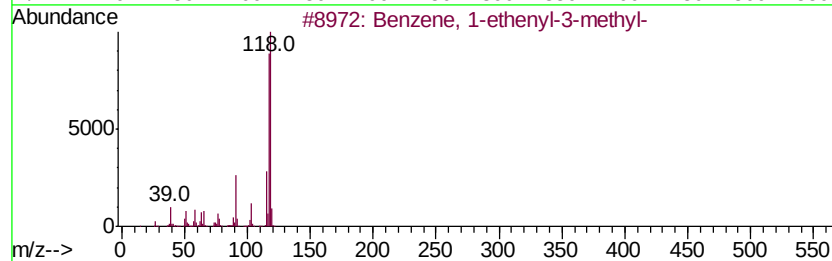
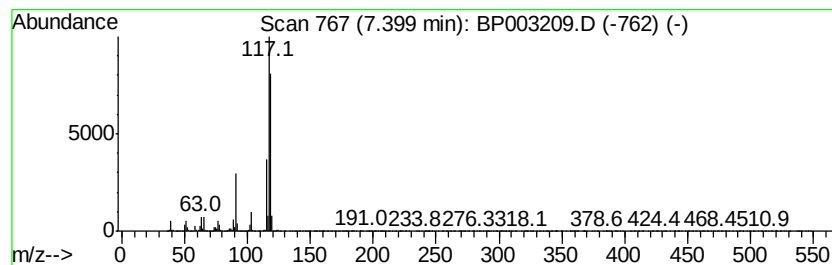
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	467.58 ng	5192840	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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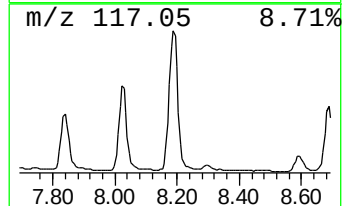
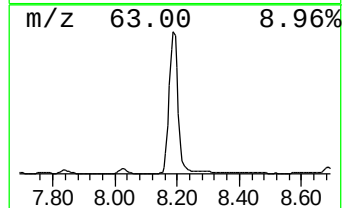
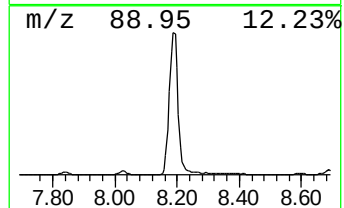
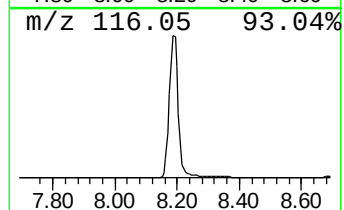
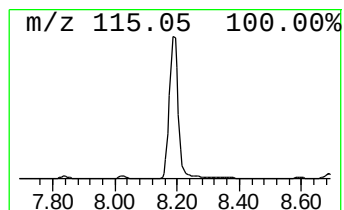
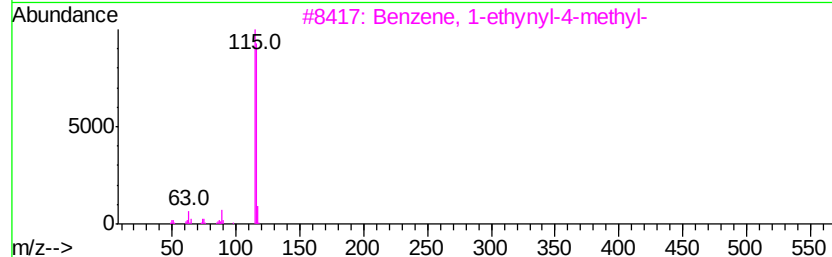
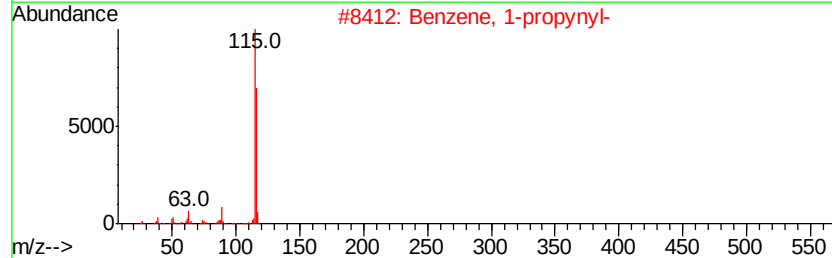
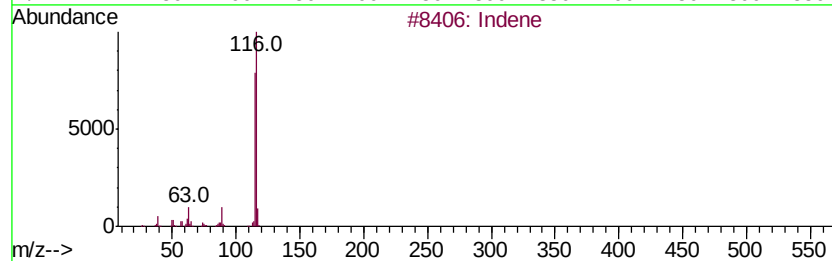
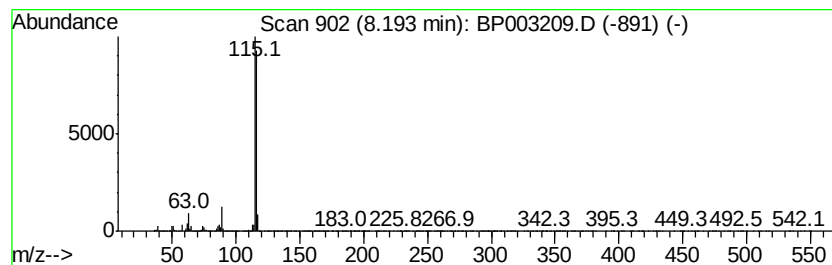
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	1325.61 ng	14721800	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

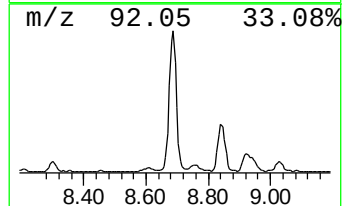
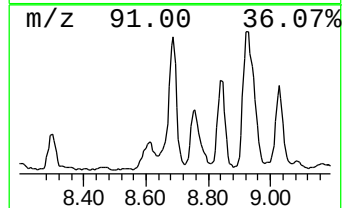
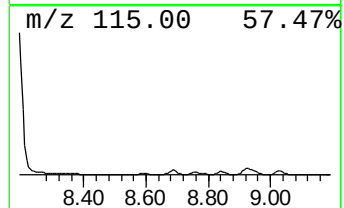
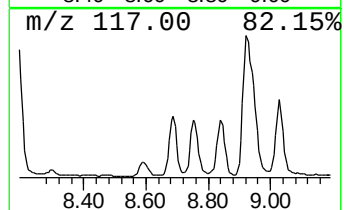
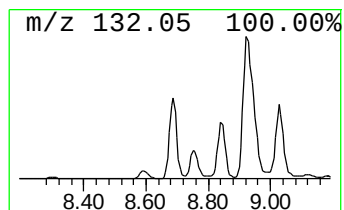
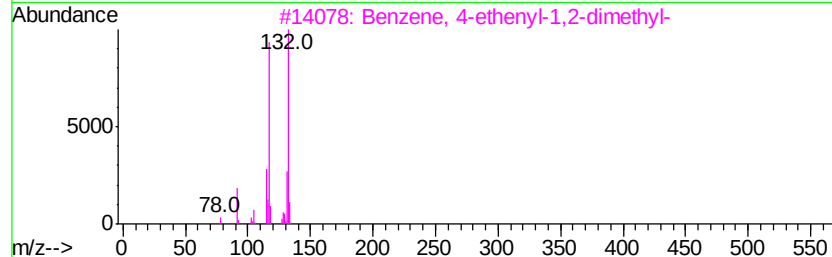
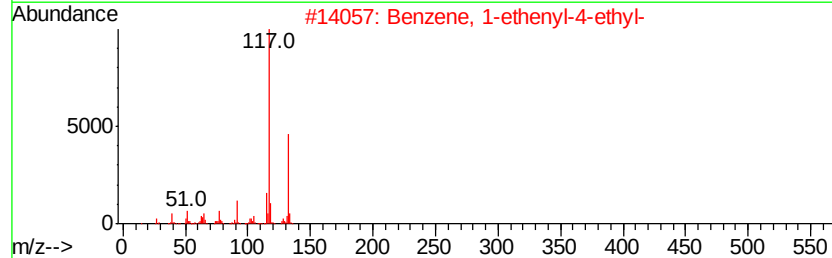
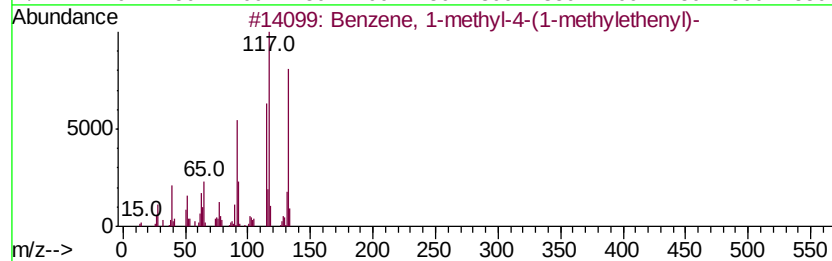
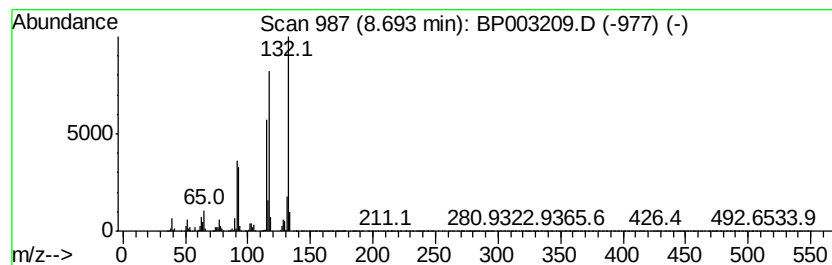
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	105.09 ng	1167090	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	97
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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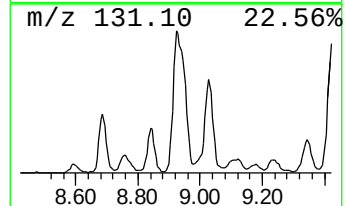
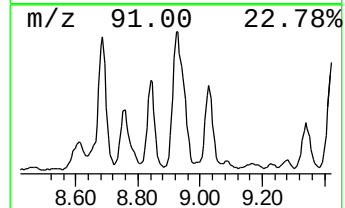
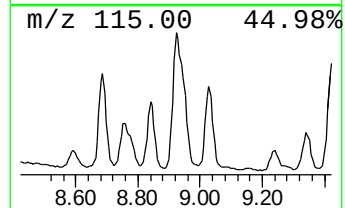
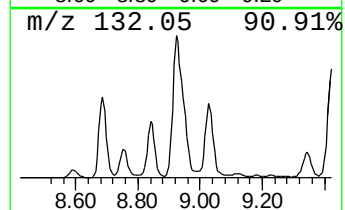
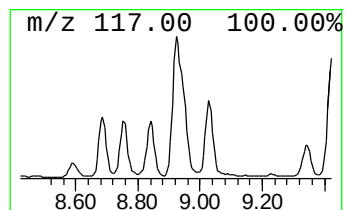
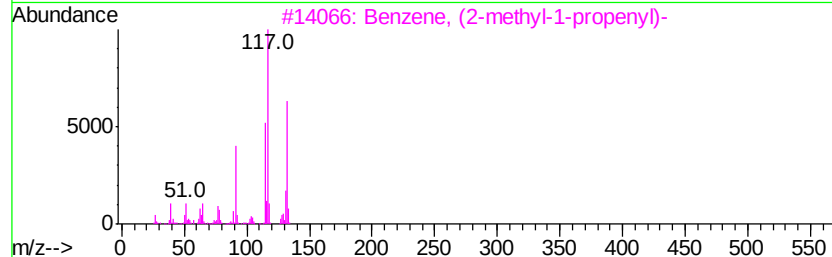
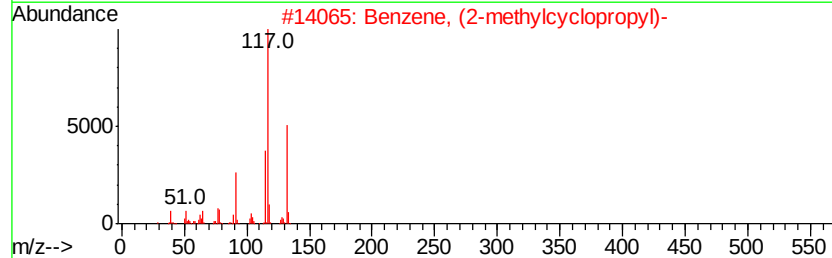
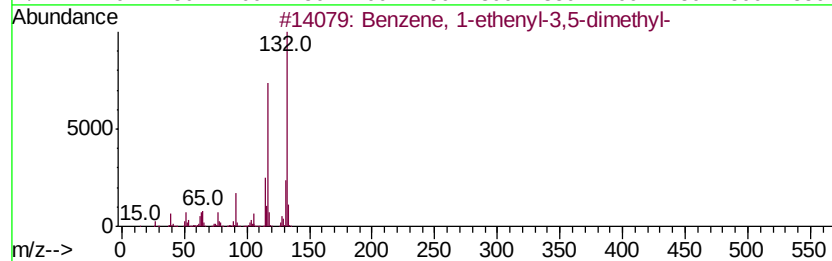
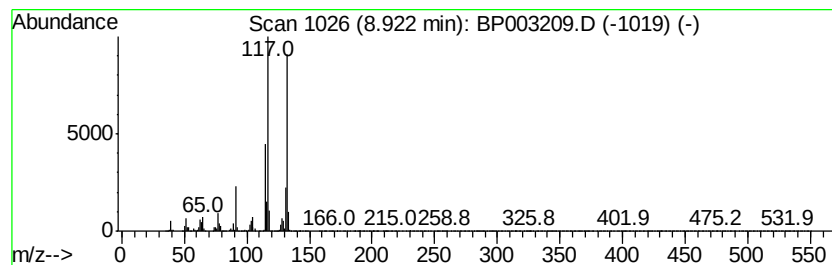
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (2-methylcycloprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	241.58 ng	2682870	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
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Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

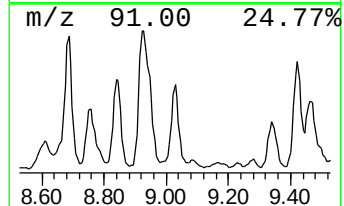
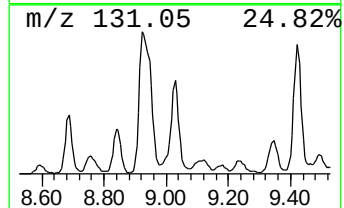
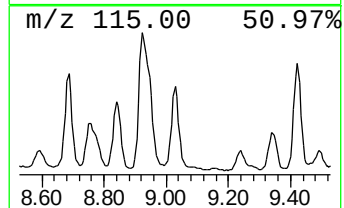
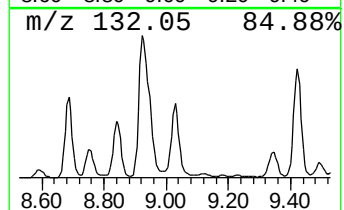
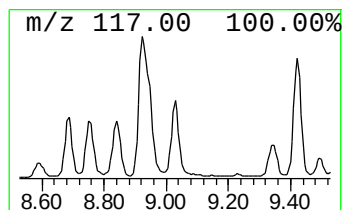
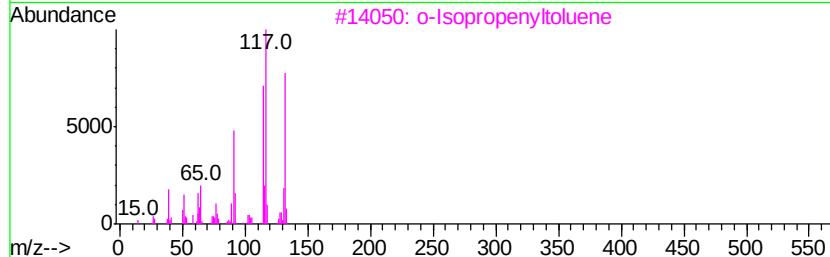
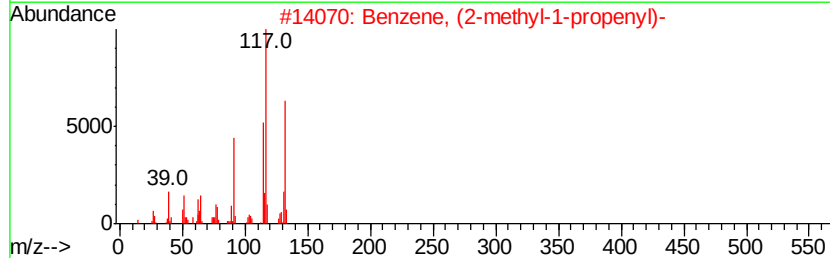
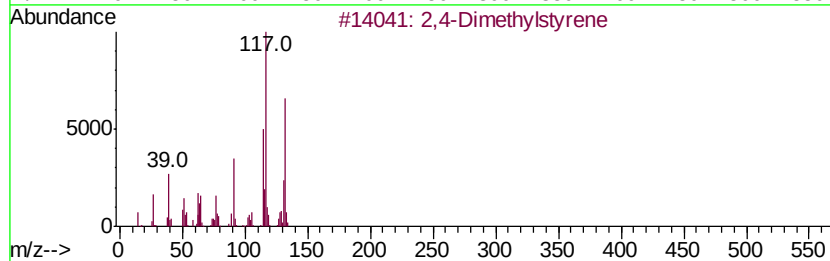
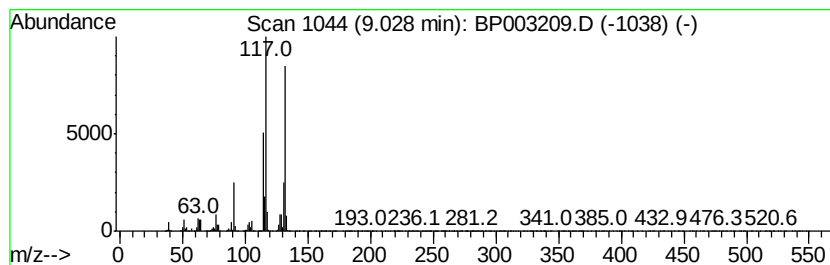
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,4-Dimethylstyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	93.61 ng	1039640	1,4-Dichlorobenzene-d4	7.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstyrene	132 C10H12	002234-20-0	97
2	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	95
3	o-Isopropenyltoluene	132 C10H12	007399-49-7	94
4	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	94
5	Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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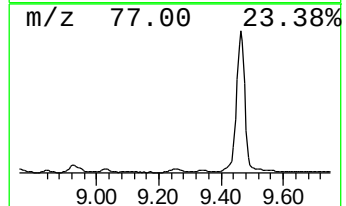
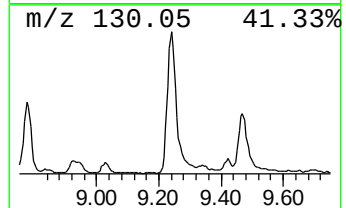
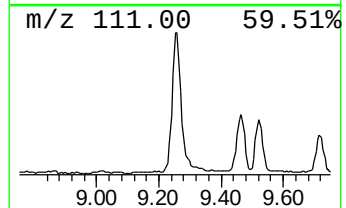
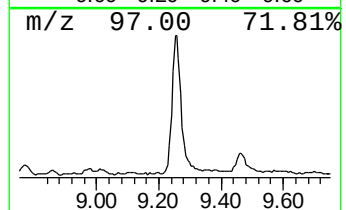
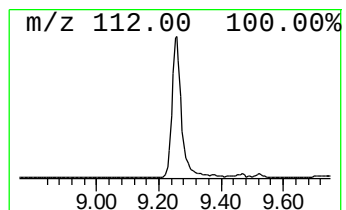
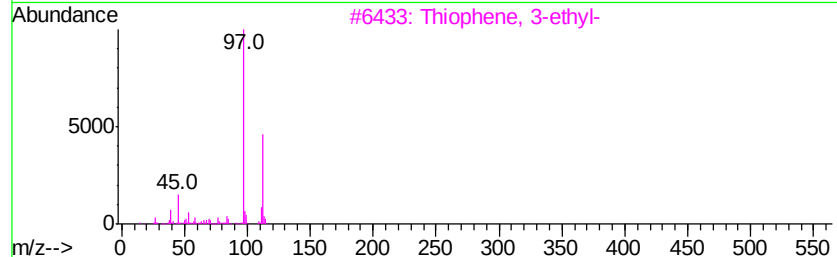
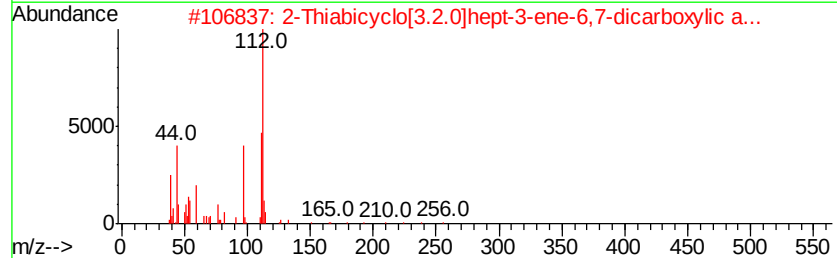
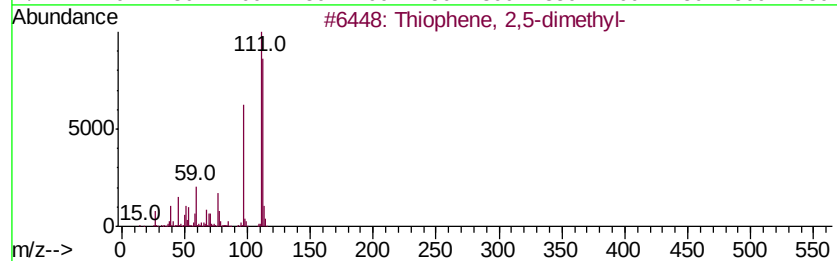
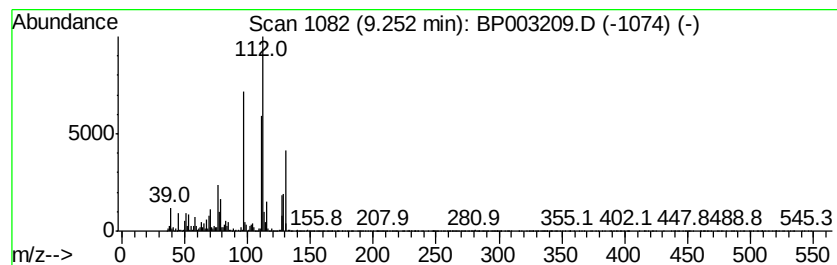
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	83.88 ng	925980	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	43
2		2-Thiabicyclo[3.2.0]hept-3-ene-6...	256	C12H16O4S	034002-18-1	40
3		Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	38
4		Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	38
5		Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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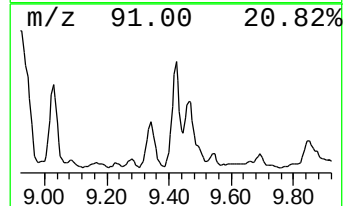
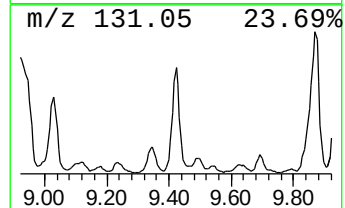
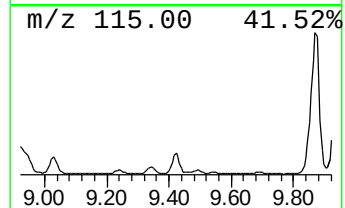
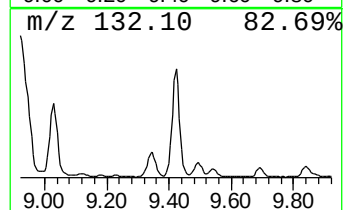
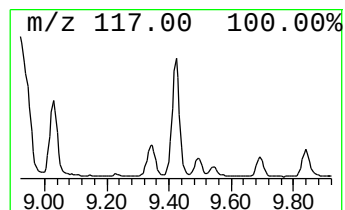
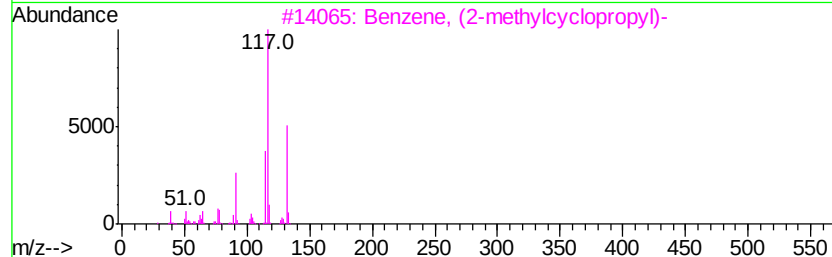
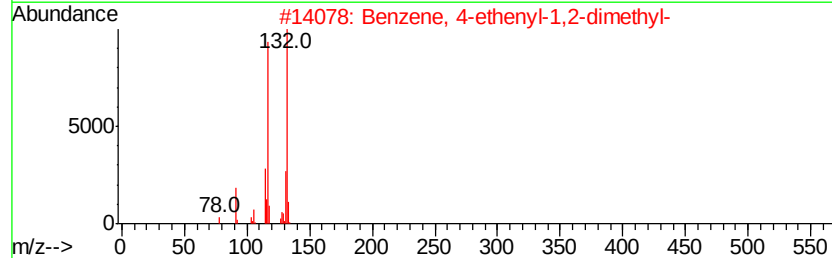
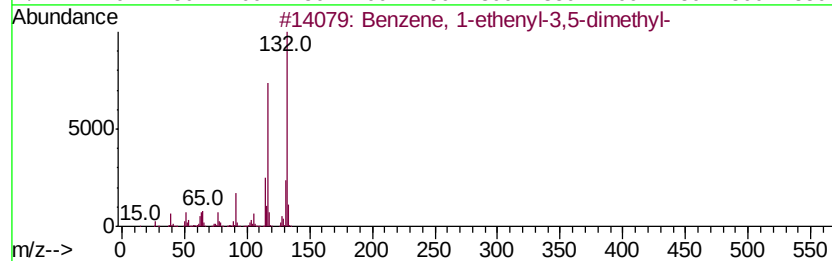
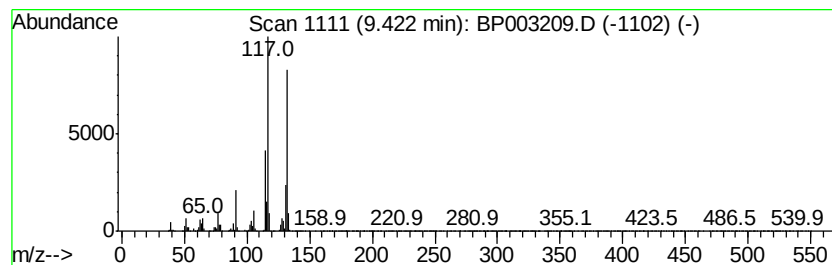
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	133.70 ng	1475960	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94
4		Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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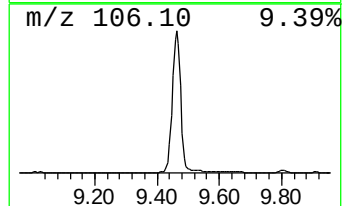
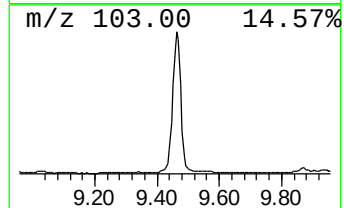
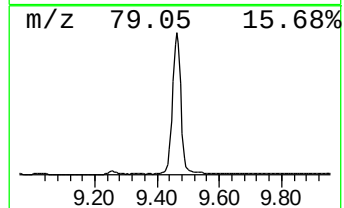
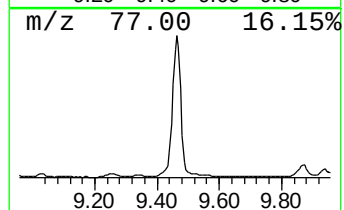
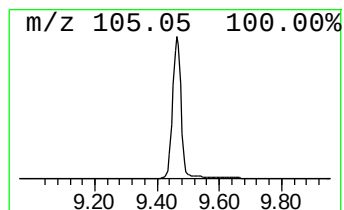
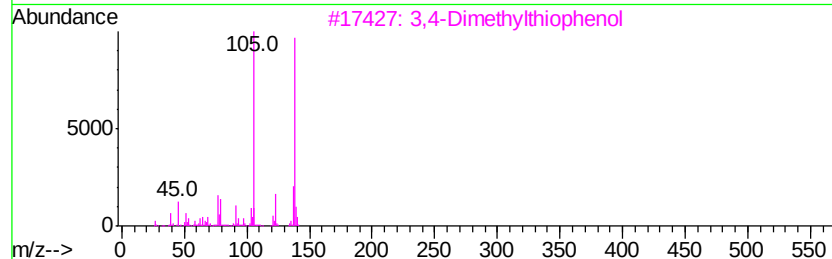
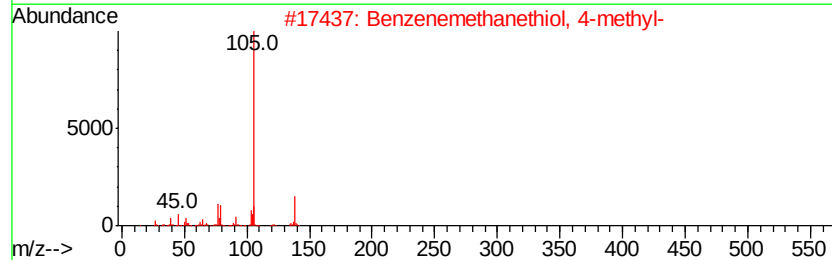
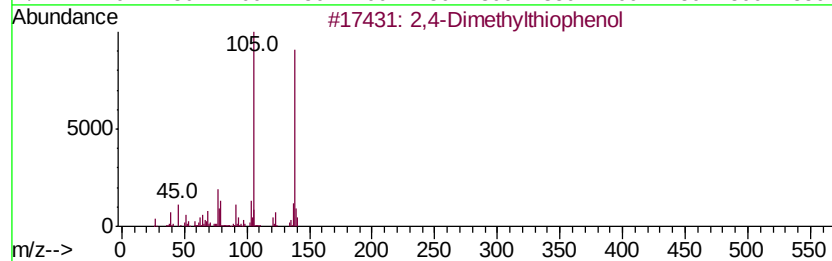
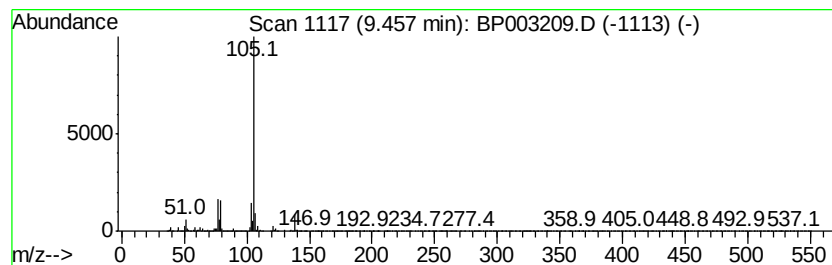
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,4-Dimethylthiophenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	1089.76 ng	12030100	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
2		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4		Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	72
5		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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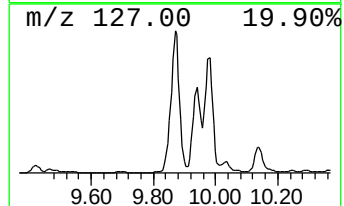
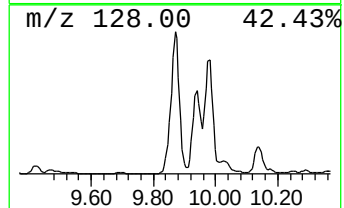
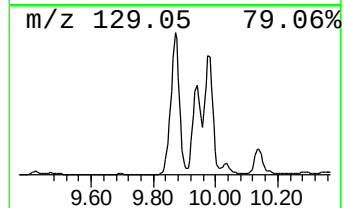
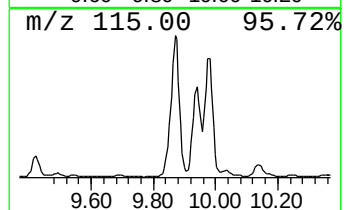
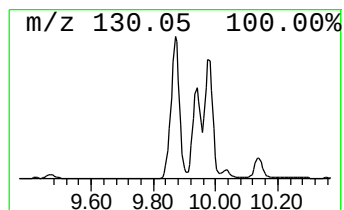
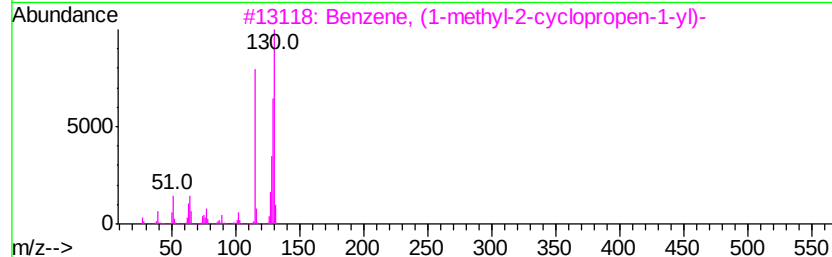
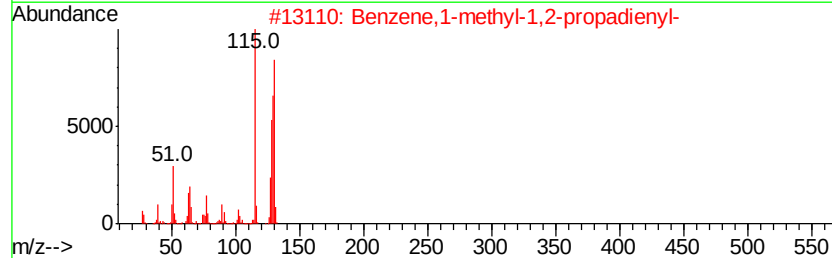
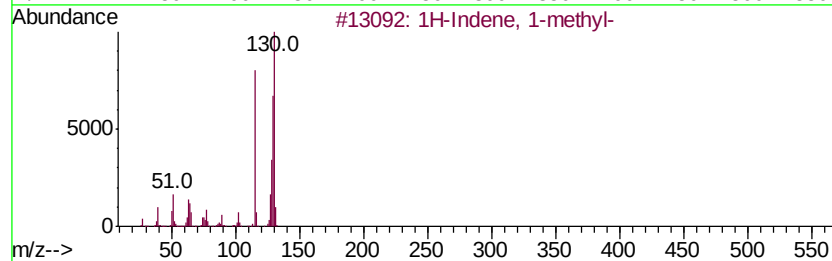
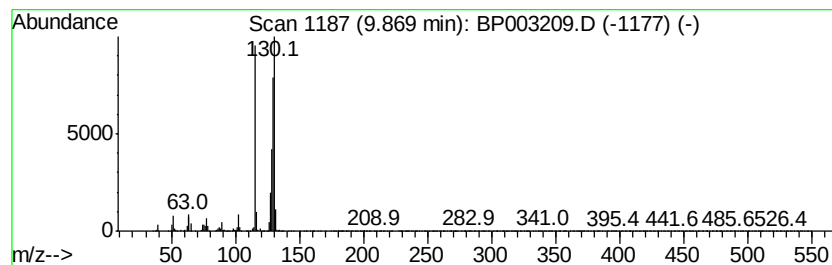
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	524.05 ng	5785090	Naphthalene-d8	10.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4		2-Methylindene	130	C10H10	002177-47-1	91
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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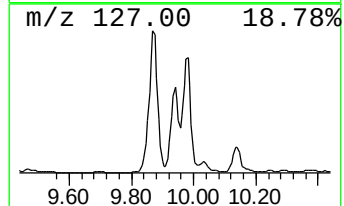
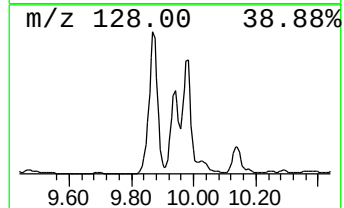
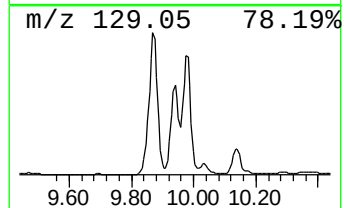
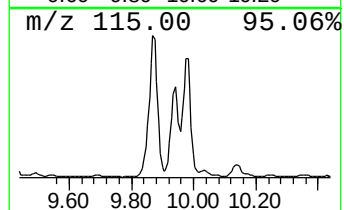
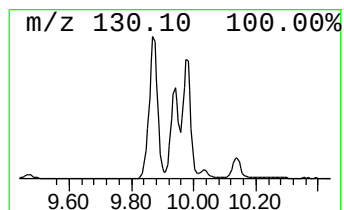
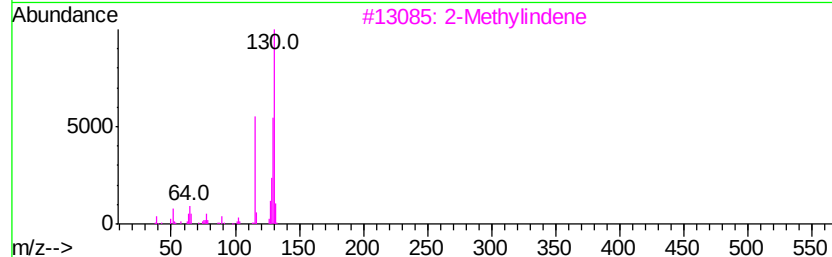
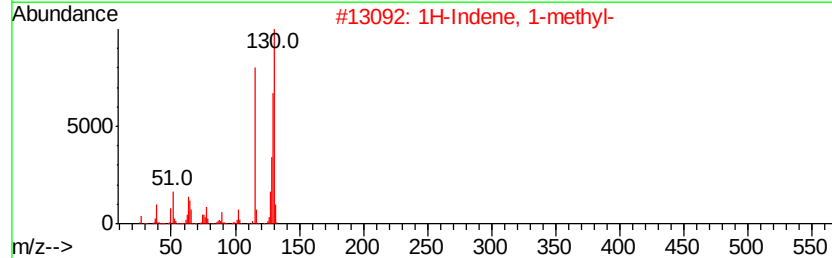
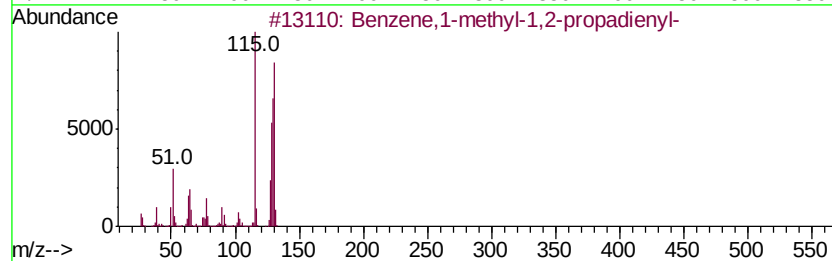
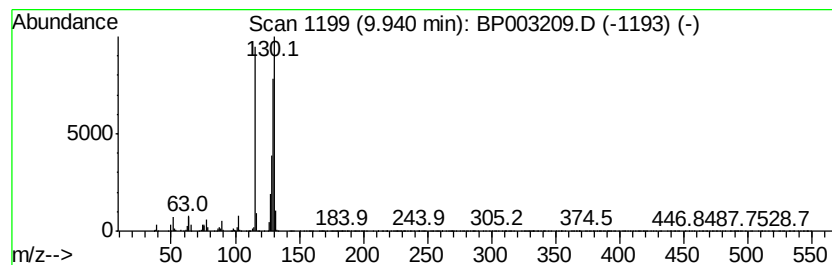
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene,1-methyl-1,2-propad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	281.53 ng	3107880	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3		2-Methylindene	130	C10H10	002177-47-1	93
4		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	91
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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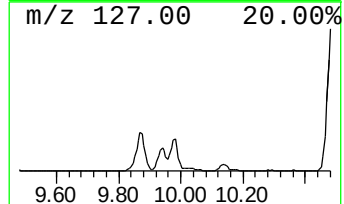
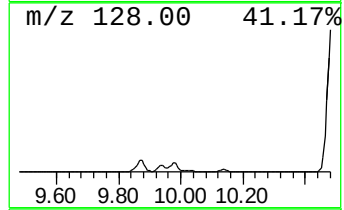
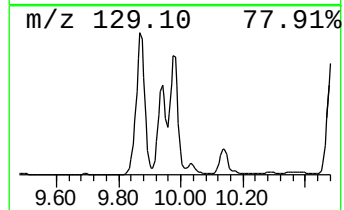
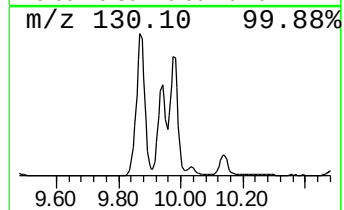
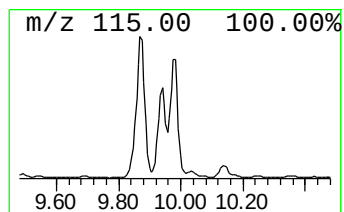
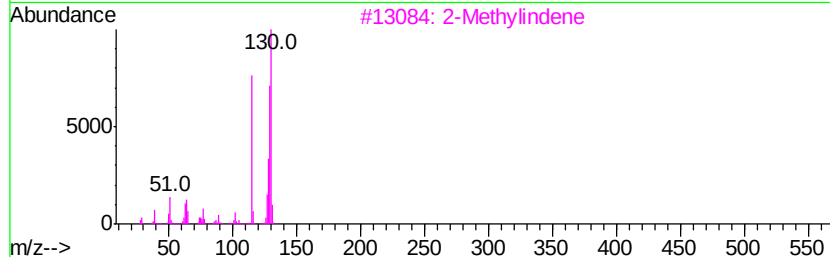
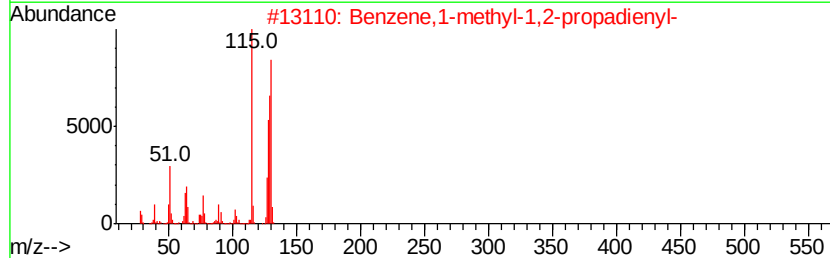
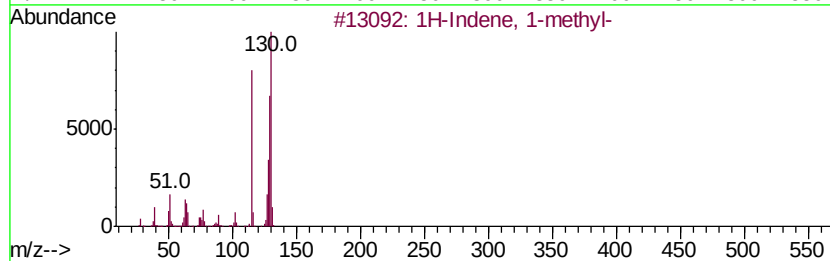
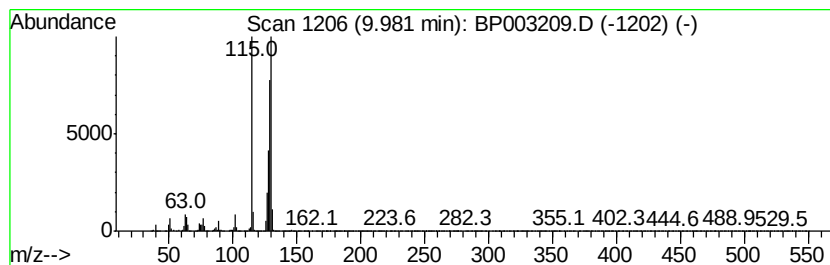
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	344.90 ng	3807370	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
3		2-Methylindene	130	C10H10	002177-47-1	91
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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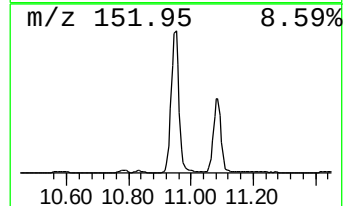
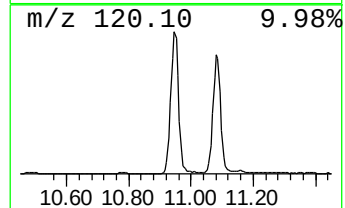
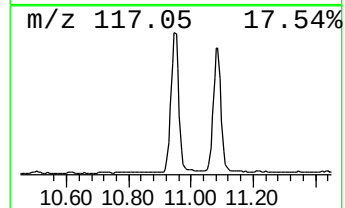
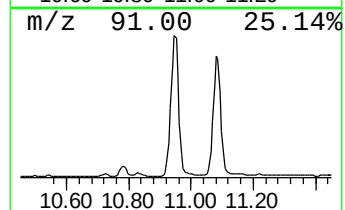
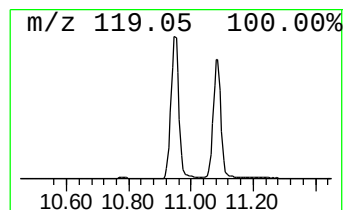
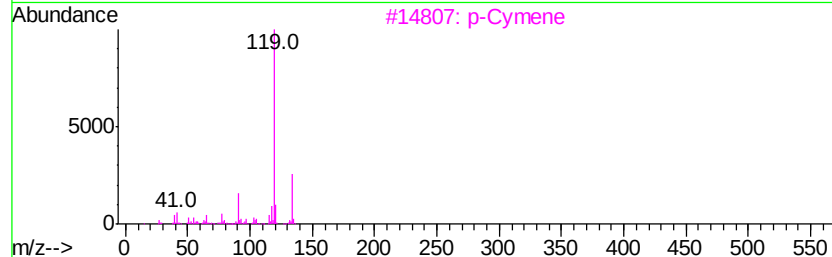
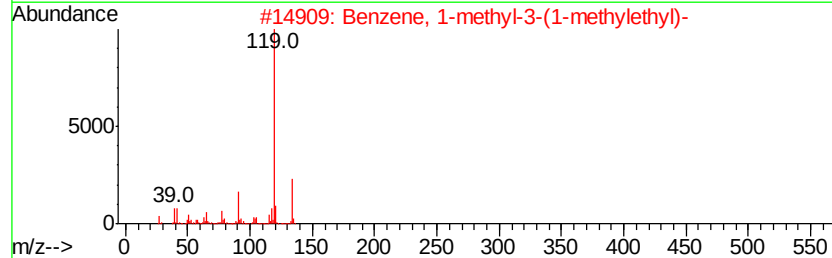
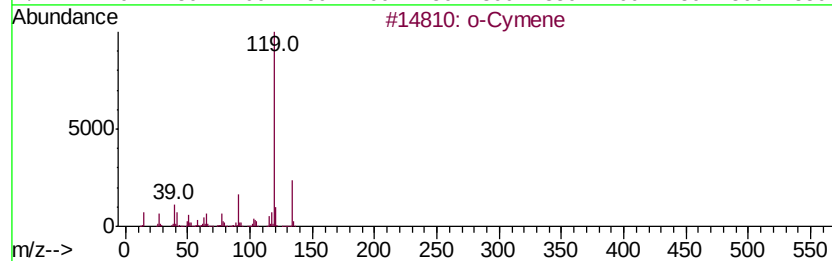
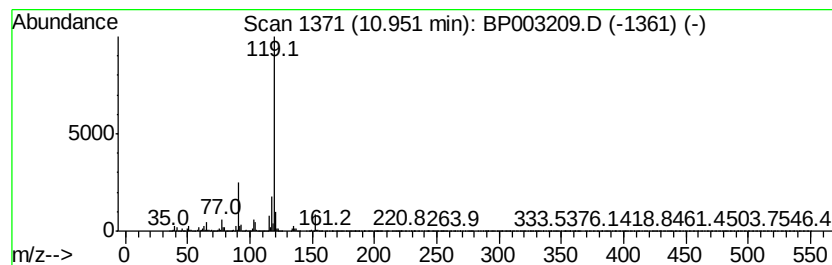
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	750.55 ng	8285460	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	87
3		p-Cymene	134	C10H14	000099-87-6	86
4		7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	86
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
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Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

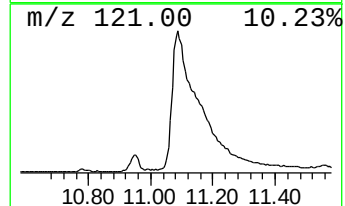
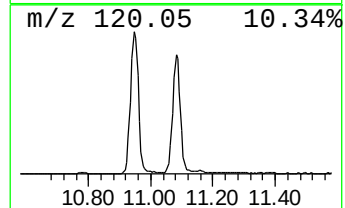
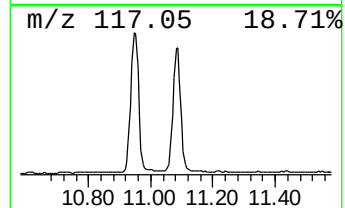
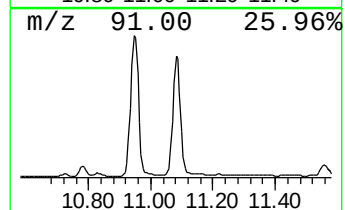
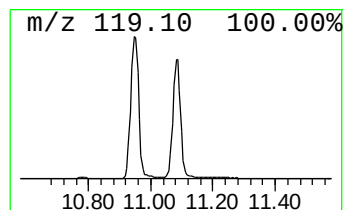
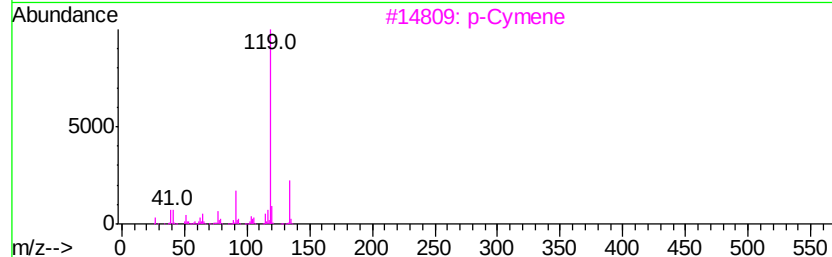
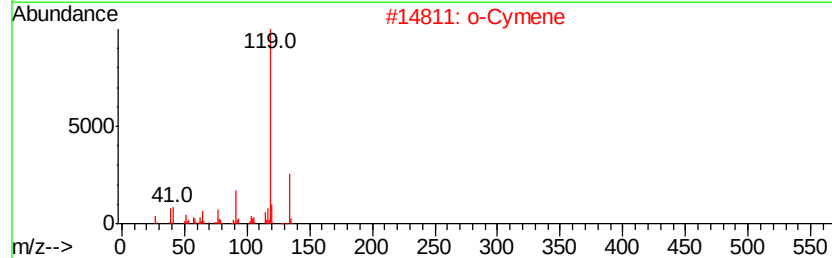
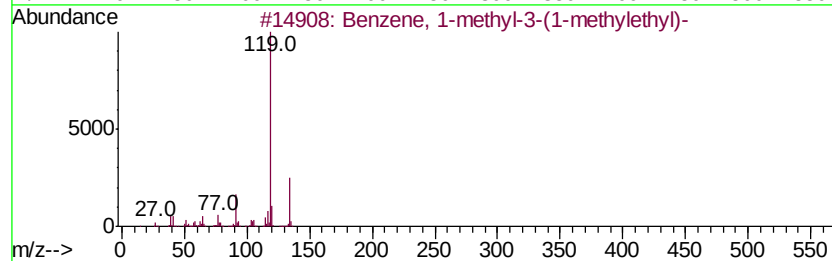
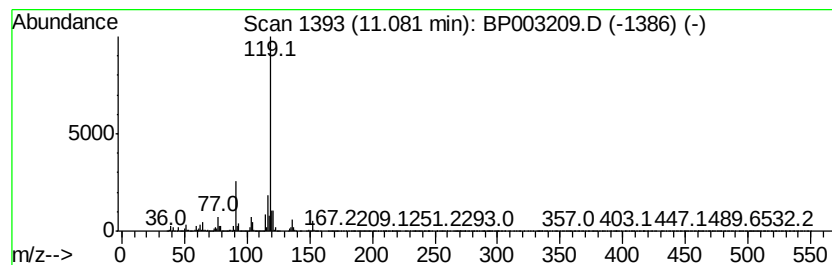
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	792.61 ng	8749760	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2		o-Cymene	134	C10H14	000527-84-4	76
3		p-Cymene	134	C10H14	000099-87-6	68
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
TP-1

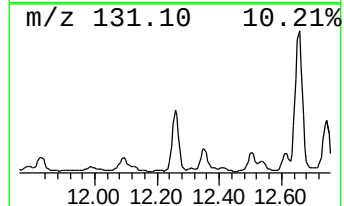
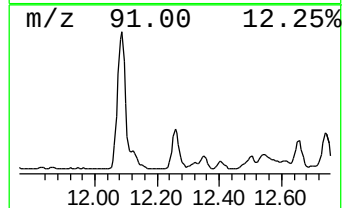
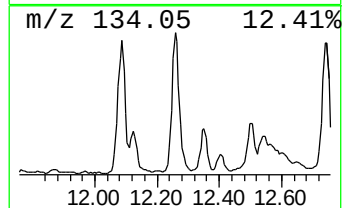
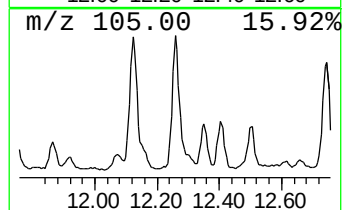
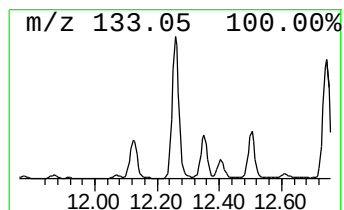
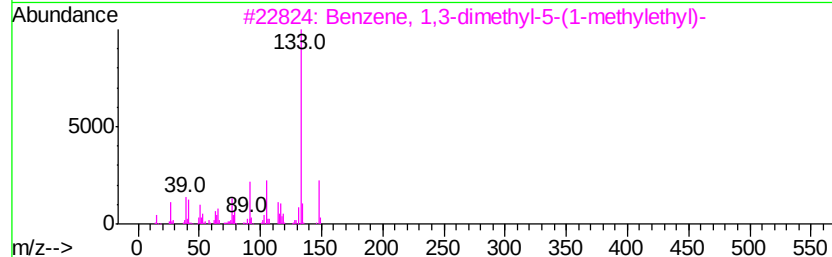
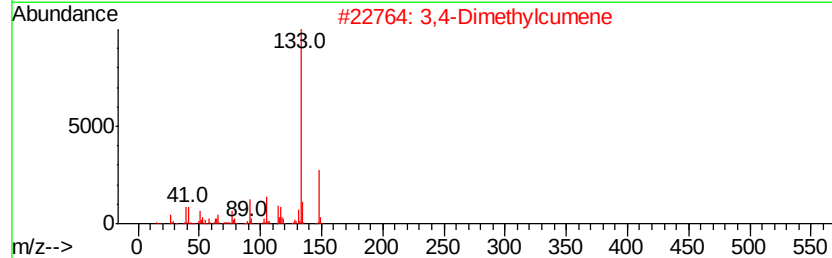
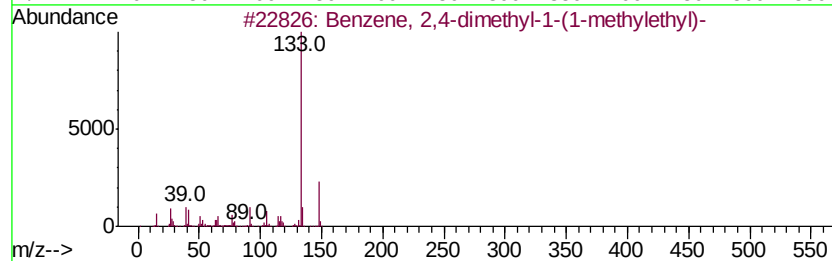
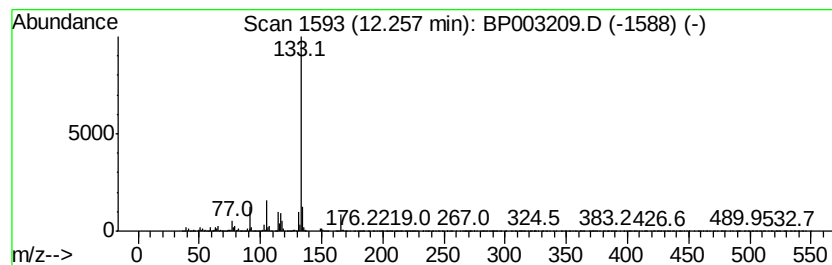
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	130.40 ng	1439470	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	86
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
3		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	78
4		4-tert-Butyltoluene	148	C11H16	000098-51-1	64
5		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

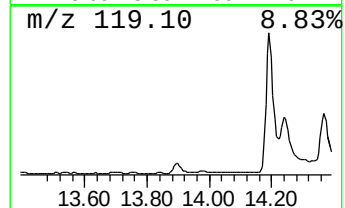
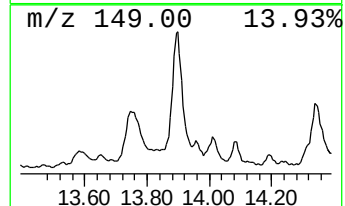
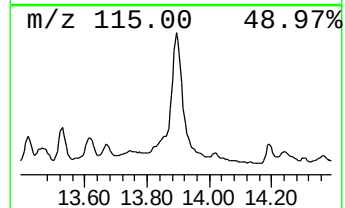
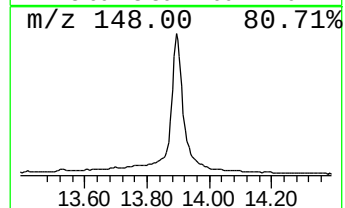
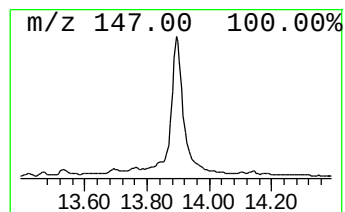
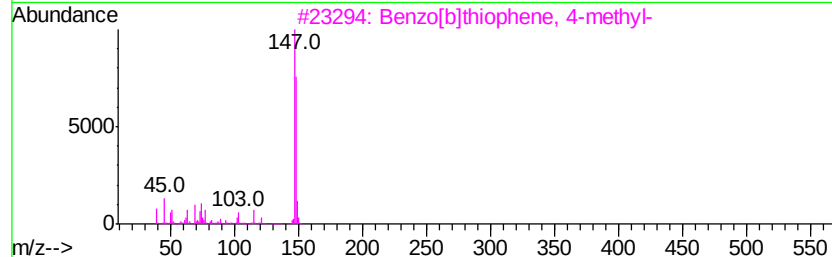
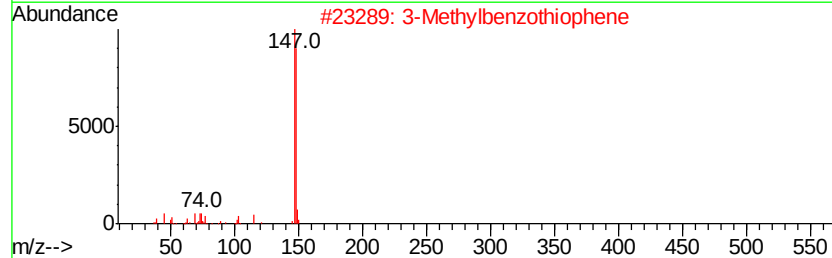
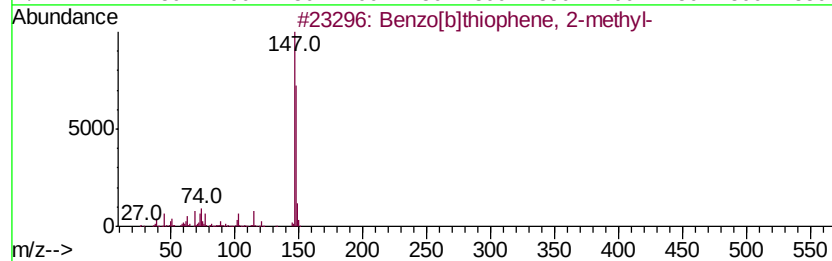
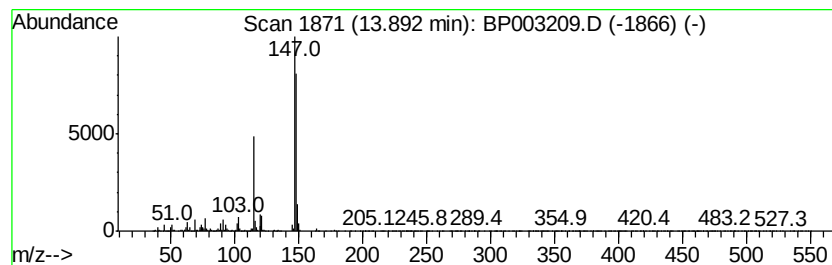
Instrument :
BNA_P
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]thiophene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	83.09 ng	3062580	Acenaphthene-d10	14.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[blthiophene, 2-methyl-	148	C9H8S	001195-14-8	76
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
3	Benzo[blthiophene, 4-methyl-	148	C9H8S	014315-11-8	64
4	Benzo[blthiophene, 5-methyl-	148	C9H8S	014315-14-1	64
5	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003209.D
Acq On : 04 Sep 2020 13:44
Operator : CG/JU
Sample : L3877-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1

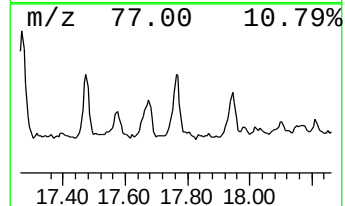
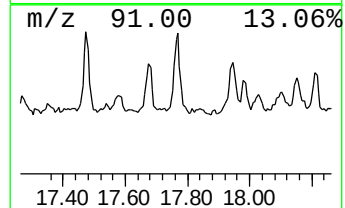
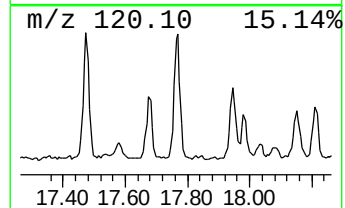
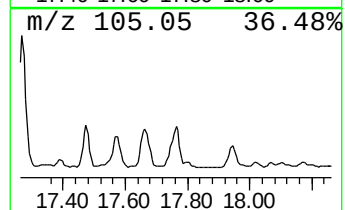
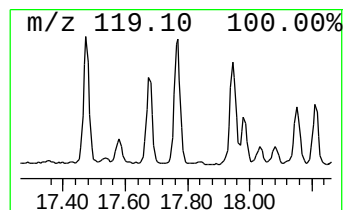
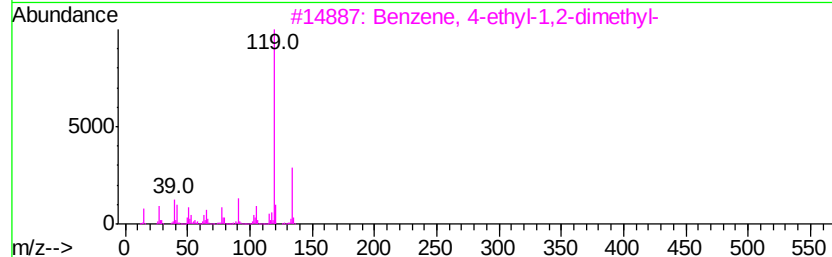
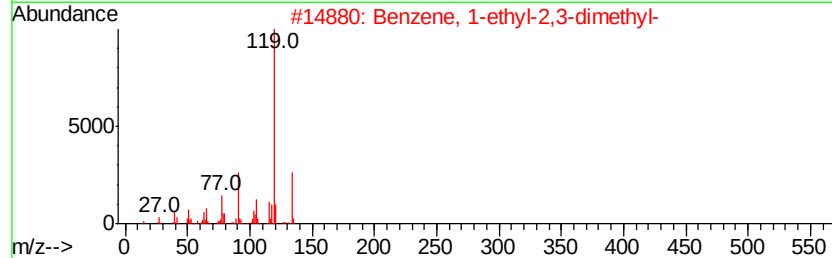
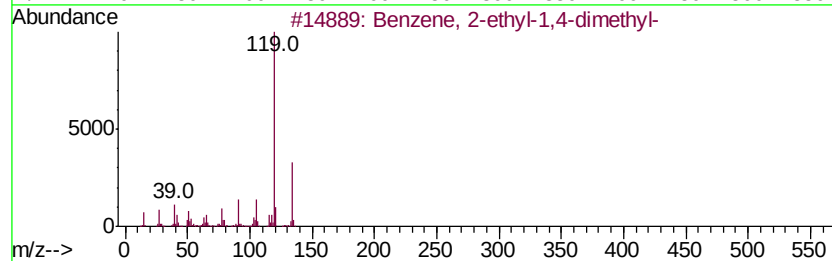
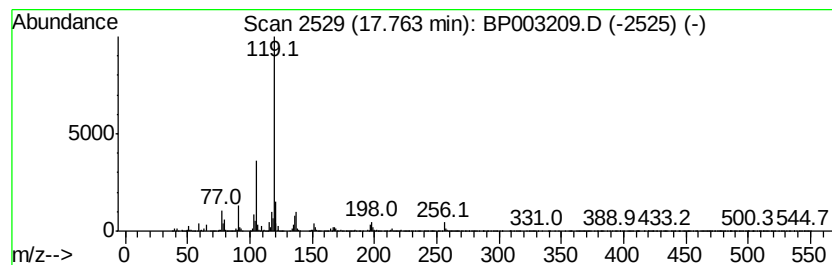
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	78.04 ng	1077890	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52
5		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090420\
 Data File : BP003209.D
 Acq On : 04 Sep 2020 13:44
 Operator : CG/JU
 Sample : L3877-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
Ethylbenzene	5.19	102.3	ng	1135690	1	7.65	222114	20.0
Styrene	5.66	967.8	ng	10747900	1	7.65	222114	20.0
.alpha.-Methylsty...	7.09	153.8	ng	1708370	1	7.65	222114	20.0
Benzene, 1-etheny...	7.32	1028.1	ng	11418200	1	7.65	222114	20.0
Benzene, 1-etheny...	7.40	467.6	ng	5192840	1	7.65	222114	20.0
Indene	8.19	1325.6	ng	14721800	1	7.65	222114	20.0
Benzene, 1-methyl...	8.69	105.1	ng	1167090	1	7.65	222114	20.0
Benzene, (2-methy...	8.92	241.6	ng	2682870	1	7.65	222114	20.0
2,4-Dimethylstyrene	9.03	93.6	ng	1039640	1	7.65	222114	20.0
unknown9.25	9.25	83.9	ng	925980	2	10.43	220784	20.0
Benzene, 1-etheny...	9.42	133.7	ng	1475960	2	10.43	220784	20.0
2,4-Dimethylthiop...	9.46	1089.8	ng	12030100	2	10.43	220784	20.0
1H-Indene, 1-methyl-	9.87	524.0	ng	5785090	2	10.43	220784	20.0
Benzene,1-methyl-...	9.94	281.5	ng	3107880	2	10.43	220784	20.0
2-Methylindene	9.98	344.9	ng	3807370	2	10.43	220784	20.0
o-Cymene	10.95	750.5	ng	8285460	2	10.43	220784	20.0
Benzene, 1-methyl...	11.08	792.6	ng	8749760	2	10.43	220784	20.0
Benzene, 2,4-dime...	12.26	130.4	ng	1439470	2	10.43	220784	20.0
Benzo[b]thiophene...	13.89	83.1	ng	3062580	3	14.29	737158	20.0
Benzene, 2-ethyl-...	17.76	78.0	ng	1077890	4	17.05	276231	20.0