

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122577.D
 Acq On : 7 Dec 2020 17:55
 Operator : JU/CG
 Sample : L4960-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122577.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	14	21	24	rBV2	174918	353058	3.59%	0.233%
2	2.257	24	29	34	rVV	336976	591181	6.01%	0.390%
3	2.499	55	70	79	rVV3	232970	696536	7.08%	0.459%
4	2.705	99	105	114	rVB2	138018	307608	3.13%	0.203%
5	2.928	134	143	146	rBV2	121162	276380	2.81%	0.182%
6	2.969	146	150	159	rVB4	189957	392616	3.99%	0.259%
7	3.193	180	188	200	rVB4	88068	276213	2.81%	0.182%
8	3.357	200	216	228	rBV5	86131	308253	3.13%	0.203%
9	3.546	234	248	253	rBV	446864	1081251	10.99%	0.712%
10	3.599	253	257	262	rVV	258709	415722	4.23%	0.274%
11	3.687	262	272	277	rVV2	703843	1403389	14.27%	0.925%
12	3.757	280	284	288	rVV	165959	274823	2.79%	0.181%
13	3.804	288	292	298	rVB2	107129	184163	1.87%	0.121%
14	3.899	298	308	312	rBV3	121236	268016	2.73%	0.177%
15	3.963	312	319	323	rVV2	119001	233057	2.37%	0.154%
16	4.016	323	328	334	rVB3	129675	244258	2.48%	0.161%
17	4.163	344	353	358	rVV3	290816	481072	4.89%	0.317%
18	4.310	370	378	381	rBV2	166119	275525	2.80%	0.182%
19	4.351	381	385	389	rVV	119609	249827	2.54%	0.165%
20	4.393	389	392	395	rVV	198214	235912	2.40%	0.155%
21	4.493	404	409	413	rBV	254648	333538	3.39%	0.220%
22	4.599	420	427	435	rBV	866586	1126544	11.46%	0.742%
23	4.840	463	468	471	rBV2	183716	243260	2.47%	0.160%
24	4.951	483	487	490	rVV	178320	236489	2.40%	0.156%
25	4.981	490	492	500	rVB2	227066	342963	3.49%	0.226%
26	5.322	547	550	553	rBV	646359	557397	5.67%	0.367%
27	5.451	564	572	577	rVB	2075728	2334587	23.74%	1.538%
28	6.010	663	667	670	rBV	2465711	2150595	21.87%	1.417%
29	6.310	713	718	721	rVB	7219098	6996343	71.14%	4.610%
30	6.398	730	733	736	rVB	1351997	1033124	10.51%	0.681%
31	6.463	741	744	751	rVV	1345544	1221827	12.42%	0.805%
32	6.528	751	755	758	rVV	1107251	870481	8.85%	0.574%
33	6.663	776	778	783	rVB	820644	692179	7.04%	0.456%
34	6.781	794	798	799	rBV	1467237	1201333	12.22%	0.792%
35	6.798	799	801	805	rVB	1759640	1336989	13.59%	0.881%
36	6.840	805	808	811	rBV	1327632	990476	10.07%	0.653%

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37	6.898	815	818	820	rBV	547049	432067	4.39%	0.285%
38	6.998	832	835	836	rVV	271594	223882	2.28%	0.148%
39	7.022	836	839	842	rVB	2259500	1817694	18.48%	1.198%
40	7.092	847	851	854	rBV	5569734	5218886	53.07%	3.439%
41	7.163	859	863	865	rBV	4113918	3713386	37.76%	2.447%
42	7.187	865	867	870	rVB	1315383	1012504	10.30%	0.667%
43	7.234	872	875	879	rBV	1779147	1561552	15.88%	1.029%
44	7.310	884	888	895	rVB3	1302179	1869699	19.01%	1.232%
45	7.387	895	901	903	rBV2	7607702	9834448	100.00%	6.480%
46	7.416	903	906	909	rVB3	5214280	5715235	58.11%	3.766%
47	7.487	914	918	922	rBV2	776120	723542	7.36%	0.477%
48	7.528	922	925	928	rBV2	1053320	1017604	10.35%	0.671%
49	7.551	928	929	933	rVB2	218130	185760	1.89%	0.122%
50	7.616	933	940	942	rBV	6208124	7108571	72.28%	4.684%
51	7.639	942	944	947	rVV	3278023	2747746	27.94%	1.811%
52	7.692	950	953	955	rVV	271478	233859	2.38%	0.154%
53	7.734	955	960	962	rVV	1400793	1302666	13.25%	0.858%
54	7.798	964	971	977	rVB2	4377496	5908368	60.08%	3.893%
55	7.869	977	983	986	rBV	7065525	7476877	76.03%	4.927%
56	7.898	986	988	992	rVV	954990	837372	8.51%	0.552%
57	7.945	992	996	998	rVV2	856259	973700	9.90%	0.642%
58	7.963	998	999	1001	rVV	840353	540909	5.50%	0.356%
59	7.992	1001	1004	1008	rVB	1748533	1651467	16.79%	1.088%
60	8.087	1012	1020	1022	rBV2	1102397	1755198	17.85%	1.157%
61	8.116	1022	1025	1028	rVV2	3720455	4905737	49.88%	3.233%
62	8.145	1028	1030	1033	rVV2	3584875	3704719	37.67%	2.441%
63	8.175	1033	1035	1038	rVB	2176767	1672771	17.01%	1.102%
64	8.216	1038	1042	1045	rVB	1415628	1275351	12.97%	0.840%
65	8.322	1058	1060	1064	rVB2	368441	311770	3.17%	0.205%
66	8.404	1065	1074	1079	rBV2	1825205	2220581	22.58%	1.463%
67	8.451	1079	1082	1084	rVB	239035	206376	2.10%	0.136%
68	8.510	1089	1092	1095	rVV	2487289	2062672	20.97%	1.359%
69	8.563	1096	1101	1102	rVV4	191669	283127	2.88%	0.187%
70	8.592	1102	1106	1108	rVV	1470330	1459798	14.84%	0.962%
71	8.628	1108	1112	1118	rVV3	733377	1387421	14.11%	0.914%
72	8.686	1118	1122	1124	rVV	1017291	1057619	10.75%	0.697%
73	8.710	1124	1126	1130	rVV2	829436	928898	9.45%	0.612%
74	8.757	1130	1134	1136	rVV2	388624	580132	5.90%	0.382%
75	8.786	1136	1139	1142	rVV3	362628	424273	4.31%	0.280%
76	8.839	1142	1148	1151	rVV	3156190	2989944	30.40%	1.970%

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77	8.875	1151	1154	1159	rVV2	137444	190246	1.93%	0.125%
78	8.939	1159	1165	1168	rVV	3163829	3348140	34.05%	2.206%
79	8.969	1168	1170	1174	rVV	370516	338119	3.44%	0.223%
80	9.069	1182	1187	1189	rVV2	155690	210838	2.14%	0.139%
81	9.204	1204	1210	1213	rBV	5518492	5913934	60.13%	3.897%
82	9.316	1224	1229	1232	rBV2	412314	420429	4.28%	0.277%
83	9.404	1240	1244	1248	rVB	223530	285845	2.91%	0.188%
84	9.439	1248	1250	1252	rBV	206574	213375	2.17%	0.141%
85	9.463	1252	1254	1257	rVB2	228147	250060	2.54%	0.165%
86	9.533	1262	1266	1269	rBV	521214	523451	5.32%	0.345%
87	9.592	1273	1276	1280	rVB	466912	399794	4.07%	0.263%
88	9.651	1283	1286	1288	rBV	327314	300513	3.06%	0.198%
89	9.733	1295	1300	1304	rBV	380520	346608	3.52%	0.228%
90	9.875	1318	1324	1328	rBV	1816702	1750025	17.79%	1.153%
91	10.192	1374	1378	1381	rBV	381434	349855	3.56%	0.231%
92	10.304	1394	1397	1401	rVB2	205127	189532	1.93%	0.125%
93	10.669	1454	1459	1462	rBV	3656862	3507199	35.66%	2.311%
94	11.363	1573	1577	1580	rBV	1912016	1665237	16.93%	1.097%
95	11.898	1659	1668	1678	rBV	1143852	1448415	14.73%	0.954%
96	12.686	1795	1802	1815	rVV	1897771	2302025	23.41%	1.517%
97	12.951	1842	1847	1850	rBV	5558363	5276422	53.65%	3.477%
98	13.886	1998	2006	2020	rBV3	172498	498172	5.07%	0.328%
99	13.998	2020	2025	2029	rBV	1454407	1413193	14.37%	0.931%
100	15.463	2269	2274	2278	rBV	894281	1068315	10.86%	0.704%

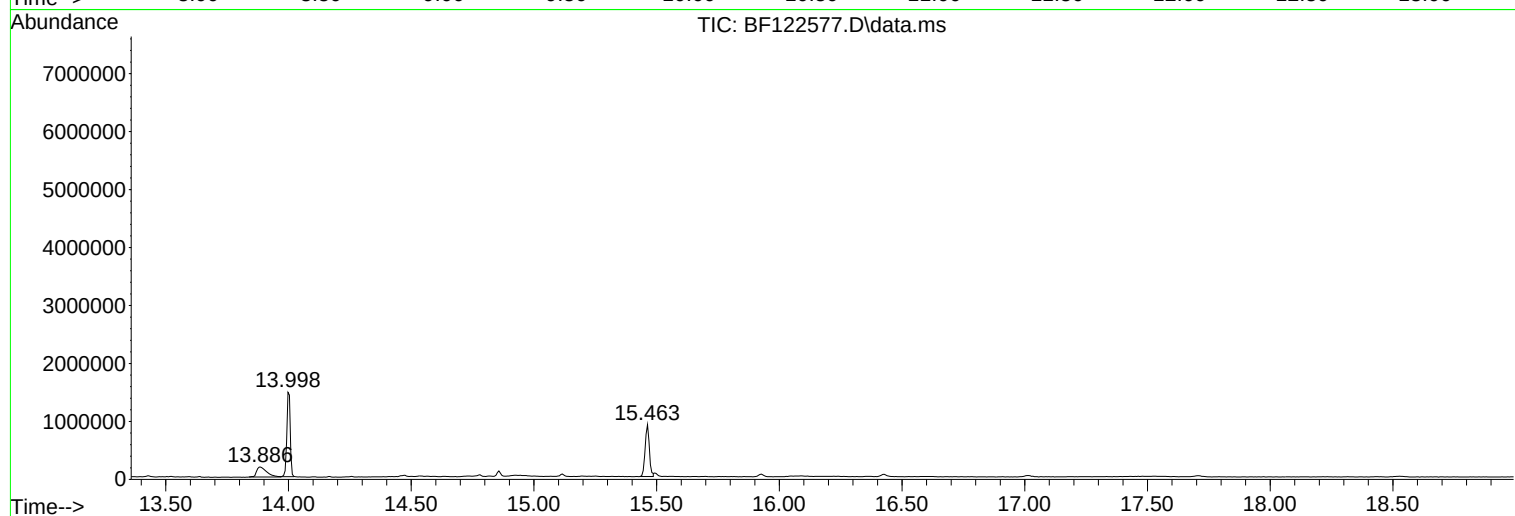
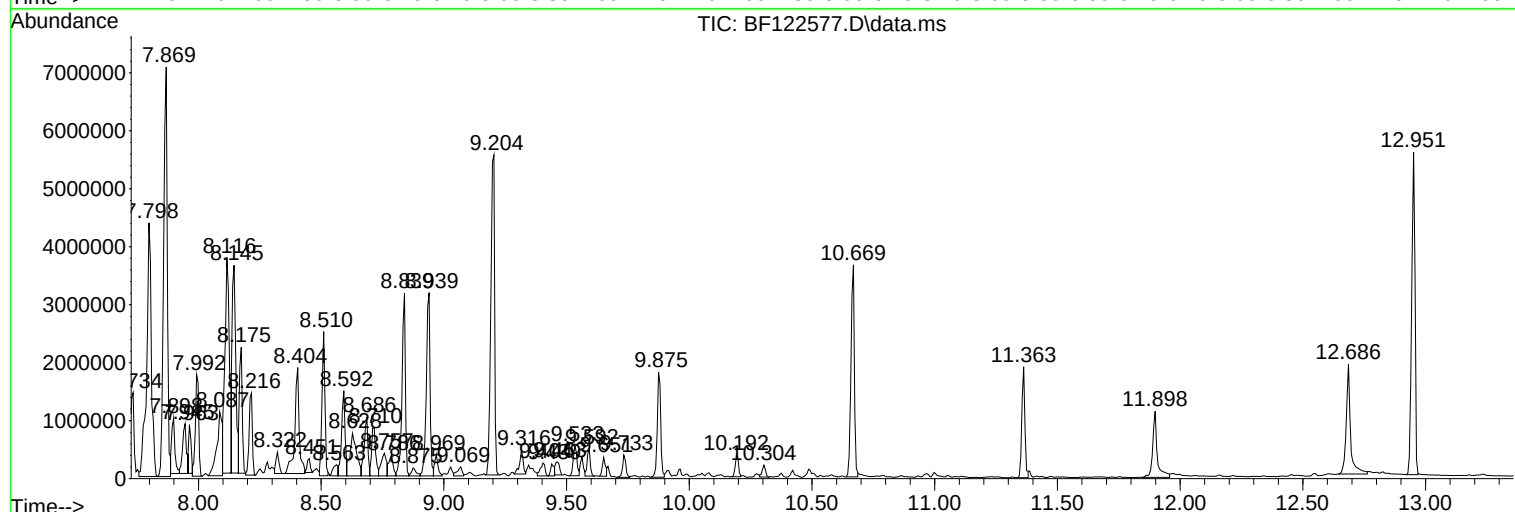
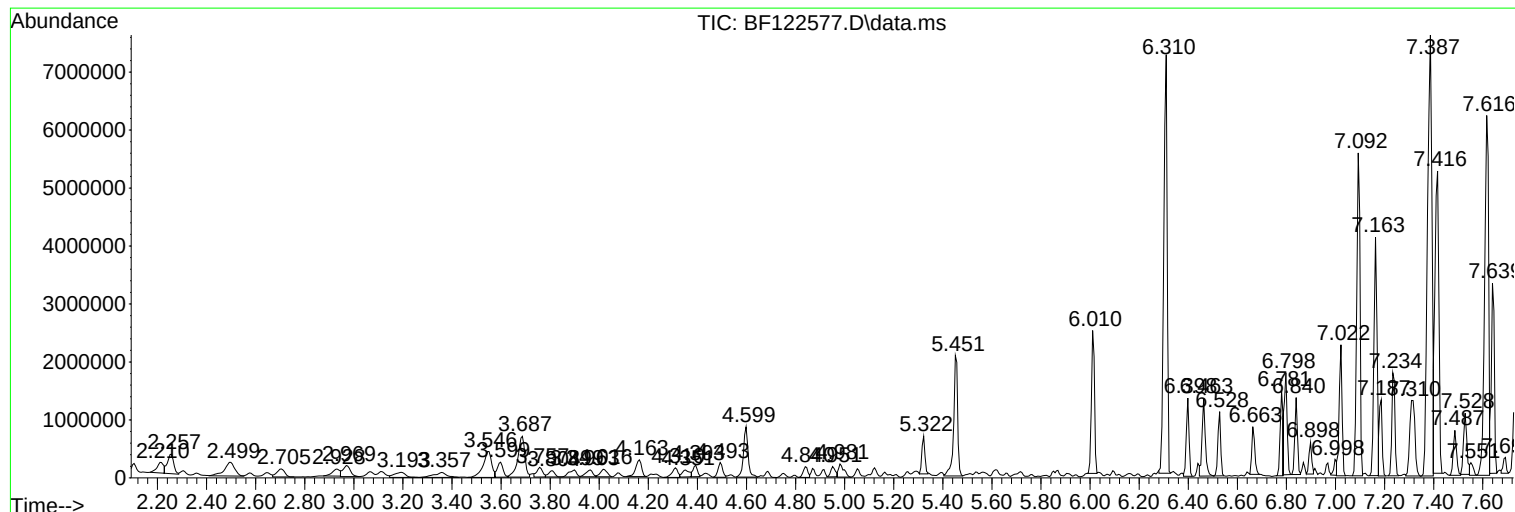
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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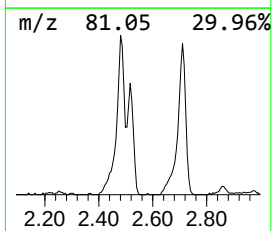
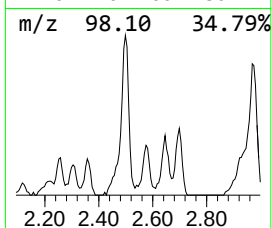
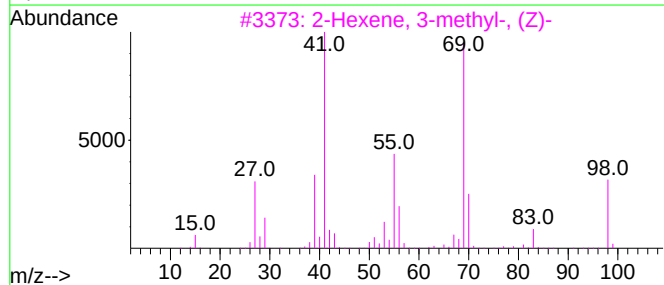
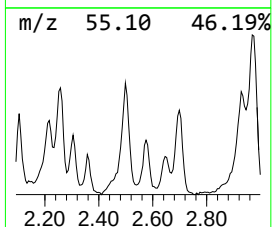
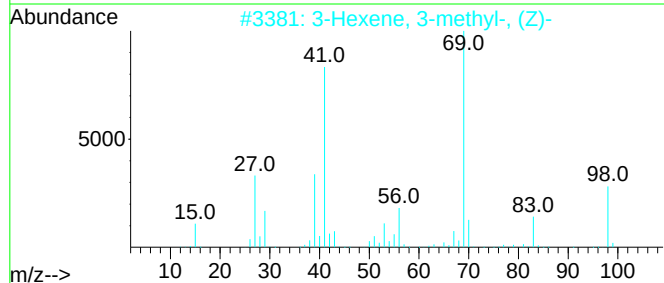
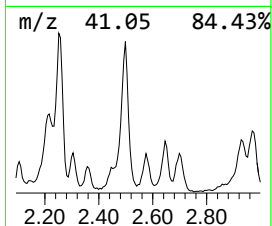
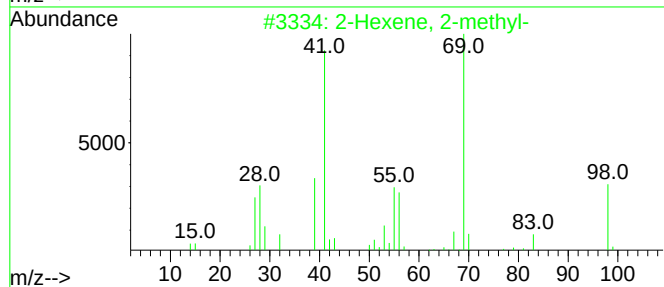
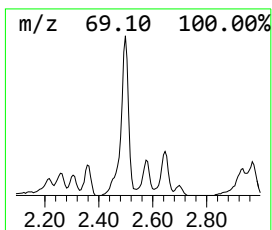
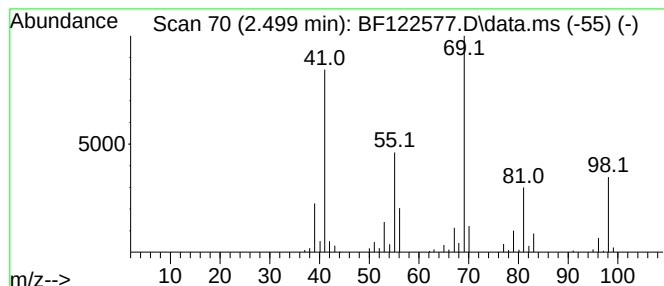
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Hexene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.499	14.06 ng	696536	1,4-Dichlorobenzene-d4	6.840

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-		98	C7H14	002738-19-4	90
2	3-Hexene, 3-methyl-, (Z)-		98	C7H14	004914-89-0	90
3	2-Hexene, 3-methyl-, (Z)-		98	C7H14	010574-36-4	87
4	3-Methyl-3-hexene		98	C7H14	003404-65-7	87
5	3-Hexene, 3-methyl-, (E)-		98	C7H14	003899-36-3	83



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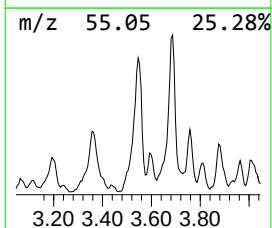
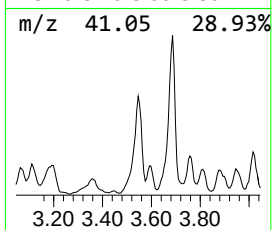
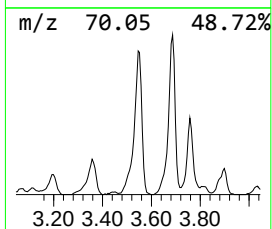
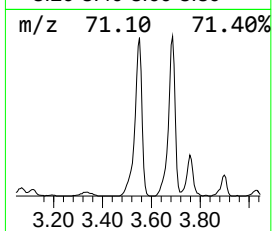
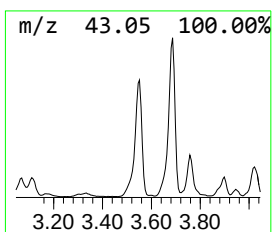
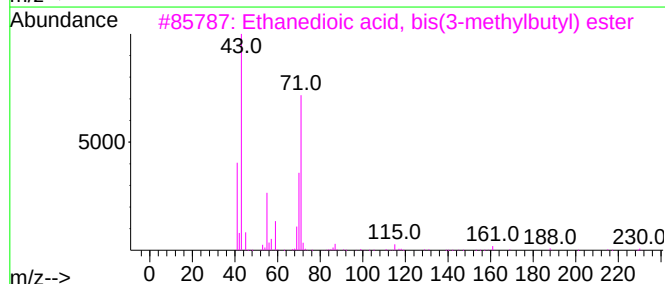
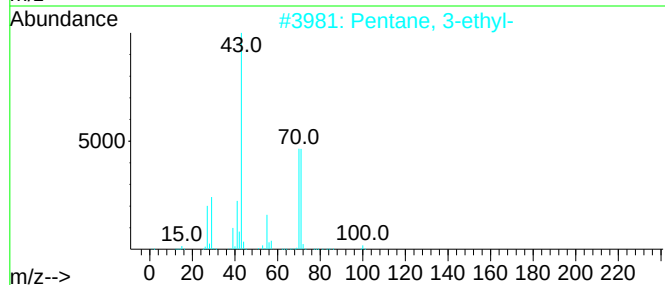
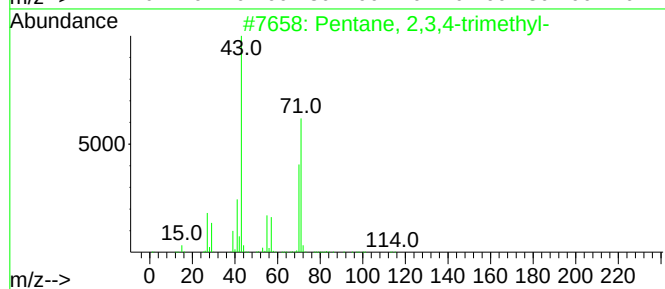
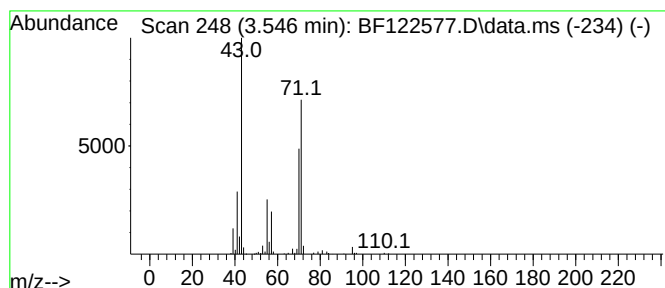
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.546	21.83 ng	1081250	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	83
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	64



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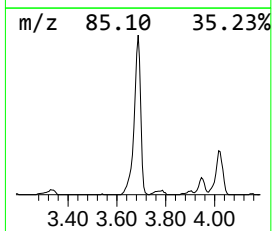
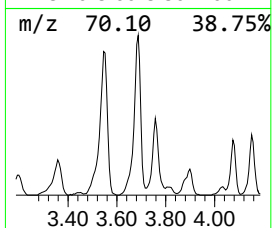
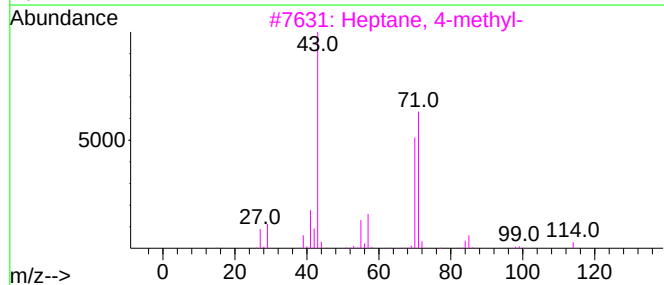
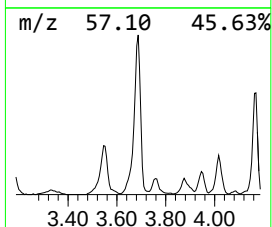
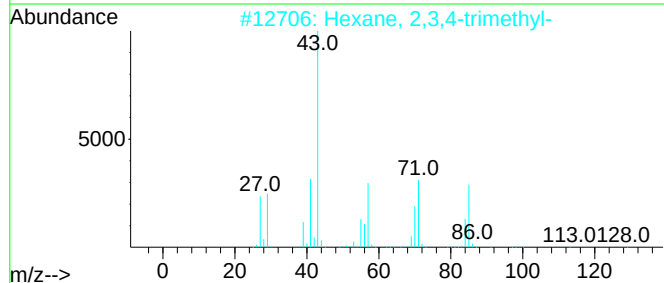
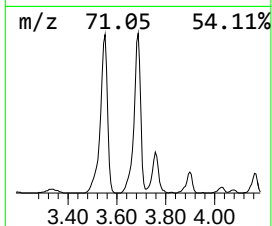
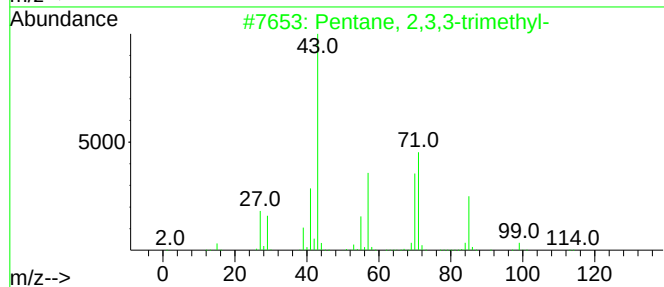
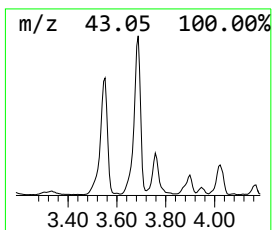
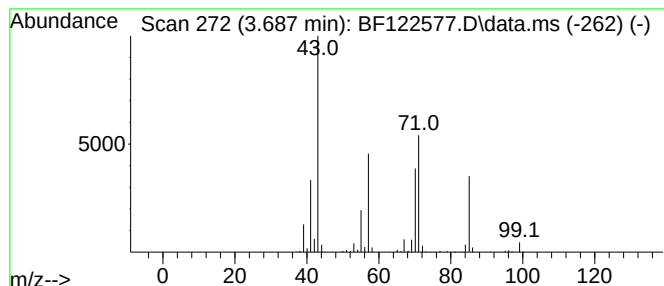
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	28.34 ng	1403390	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5

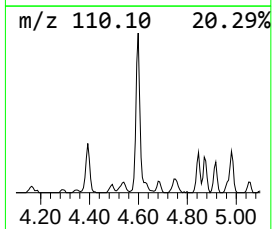
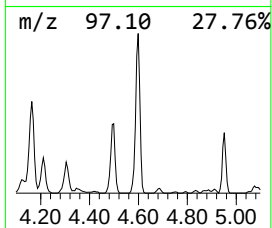
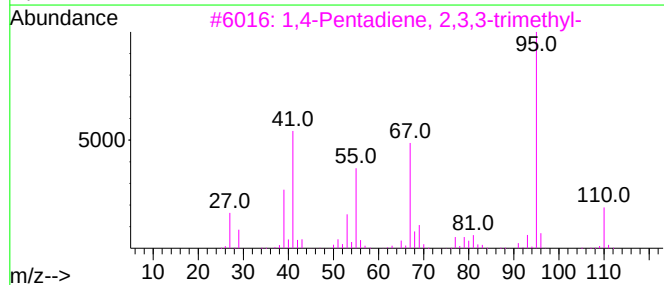
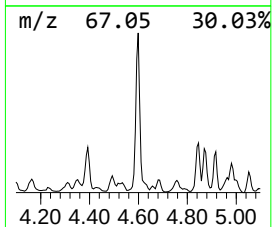
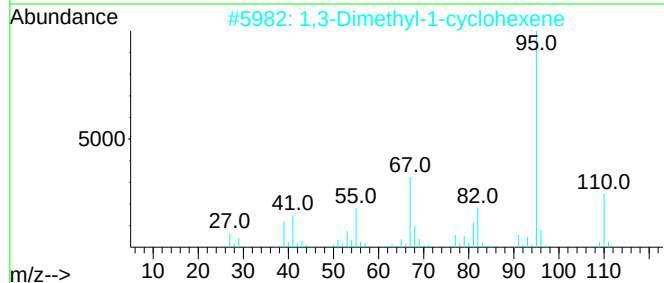
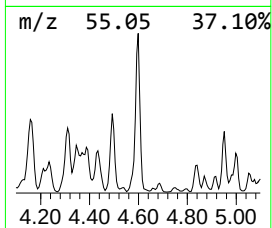
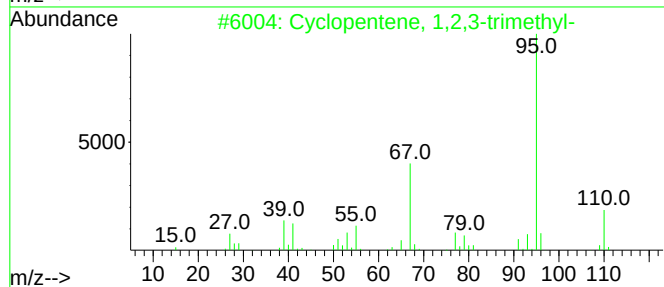
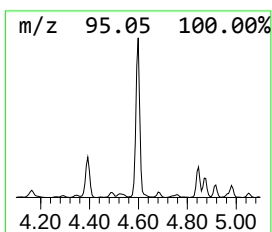
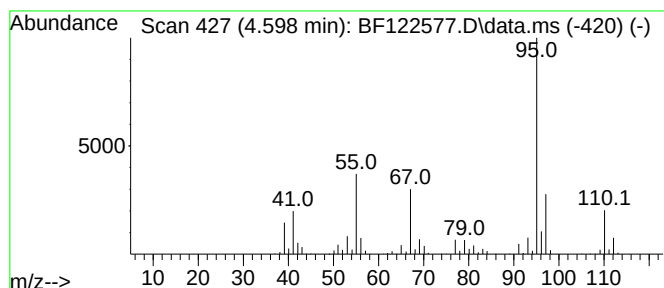
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.598	22.75 ng	1126540	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	81
3			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	74
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	58
5			1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Sample : L4960-03
Misc :
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Instrument :
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ClientSampleId :
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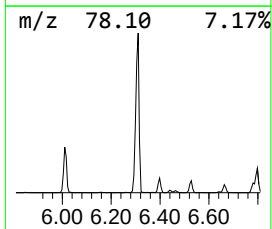
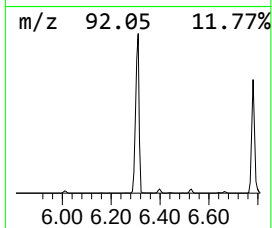
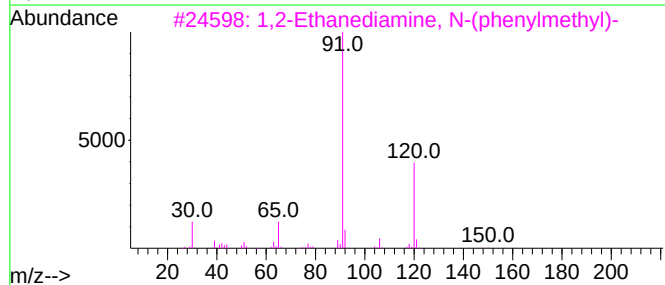
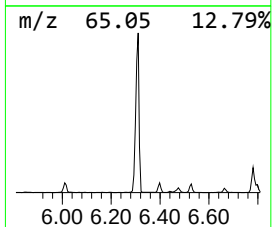
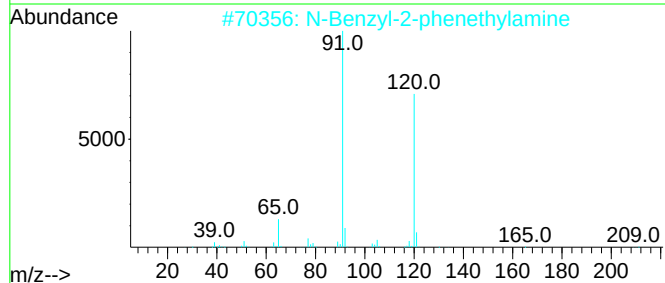
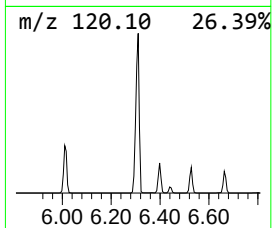
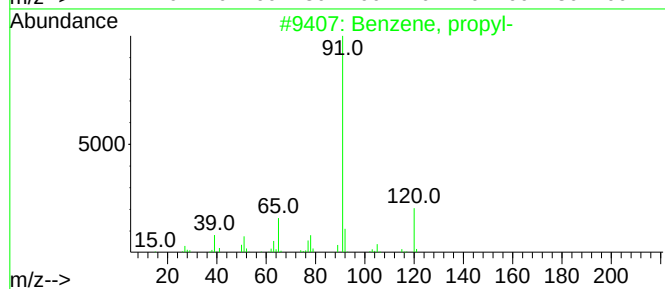
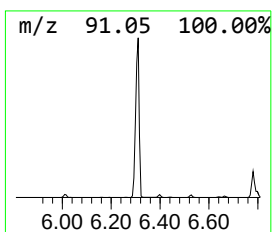
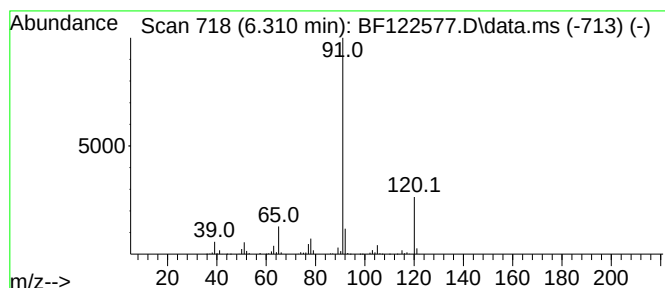
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	141.27 ng	6996340	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3			1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
4			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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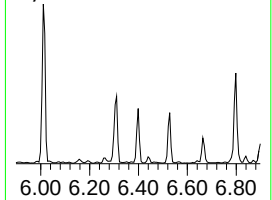
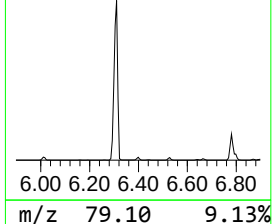
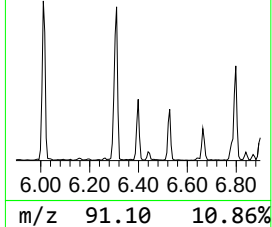
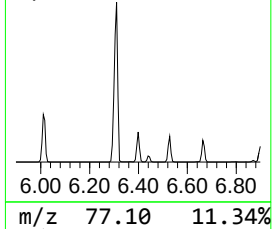
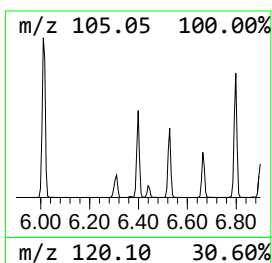
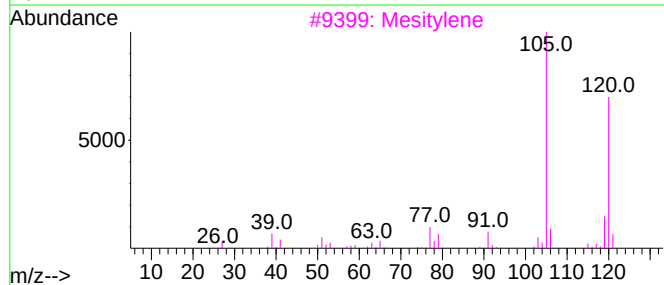
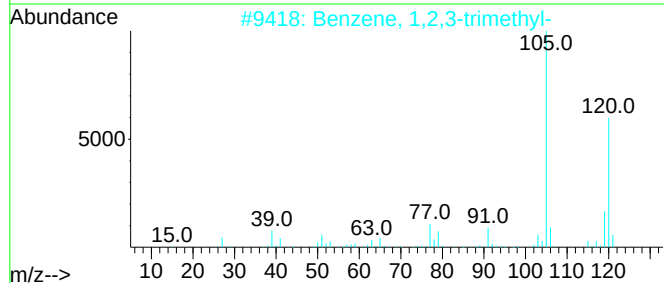
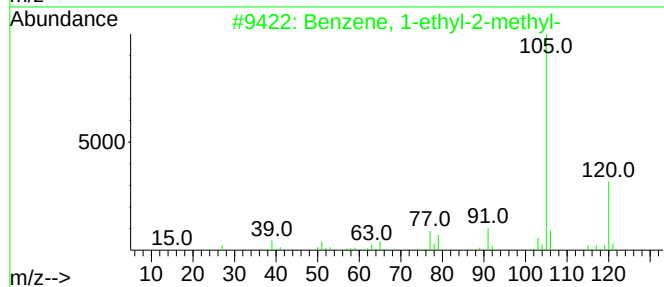
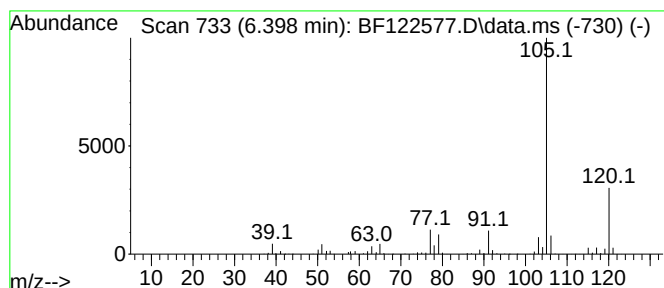
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	20.86 ng	1033120	1,4-Dichlorobenzene-d4	6.840

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Instrument :
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ClientSampleId :
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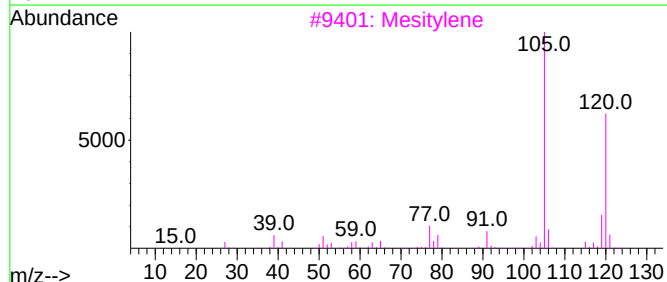
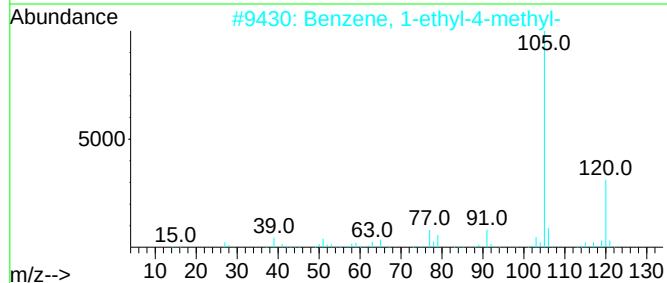
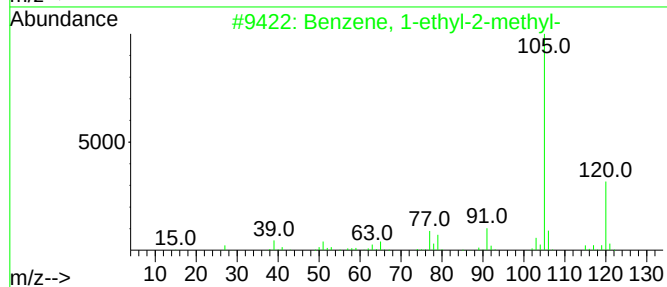
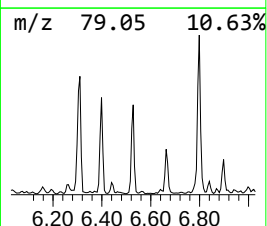
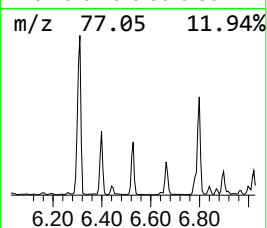
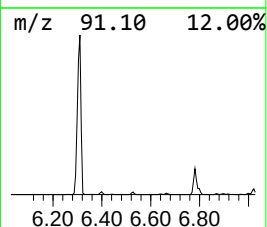
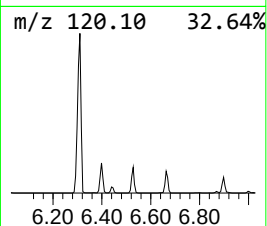
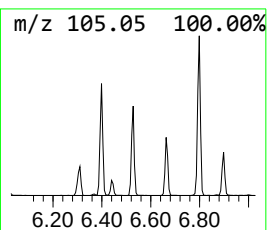
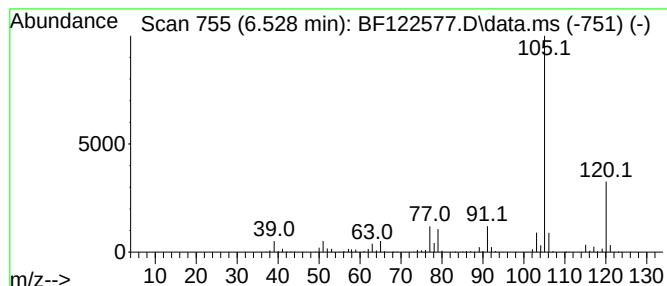
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	17.58 ng	870481	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Sample : L4960-03
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ALS Vial : 12 Sample Multiplier: 1

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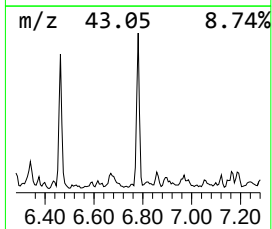
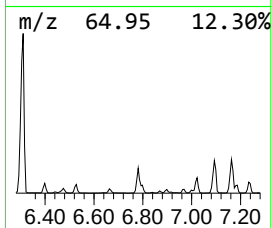
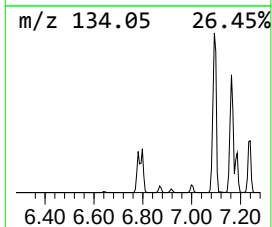
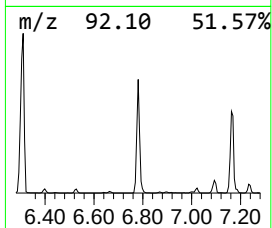
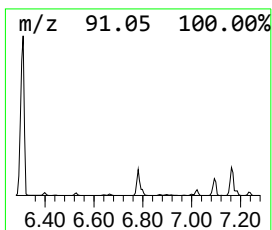
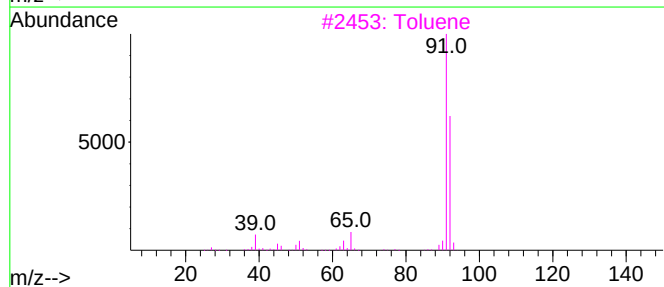
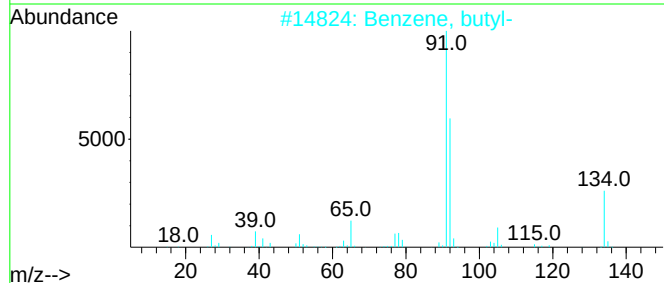
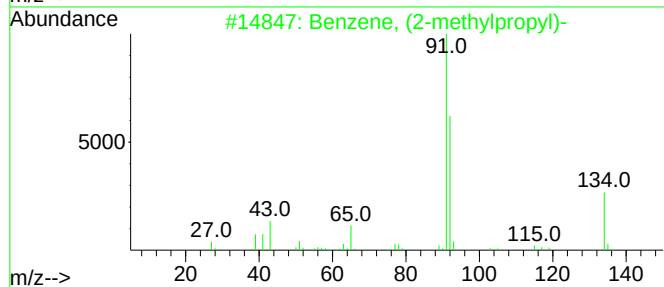
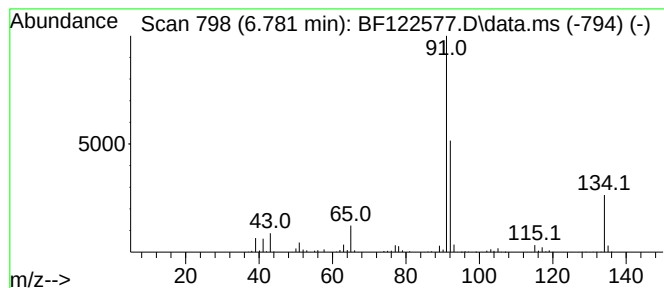
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	24.26 ng	1201330	1,4-Dichlorobenzene-d4	6.840

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2		Benzene, butyl-	134	C10H14	000104-51-8	86
3		Toluene	92	C7H8	000108-88-3	53
4		Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	47
5		Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5

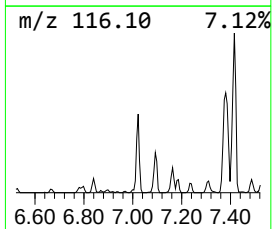
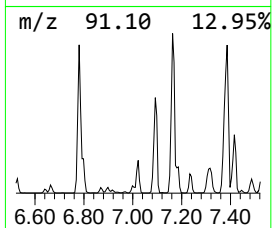
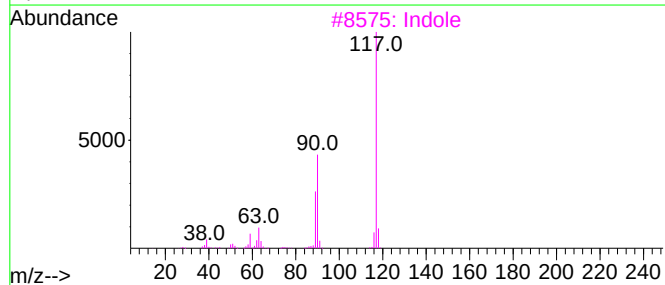
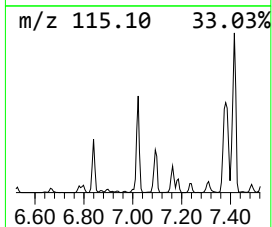
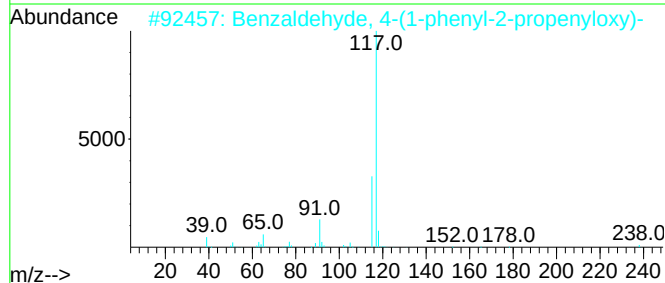
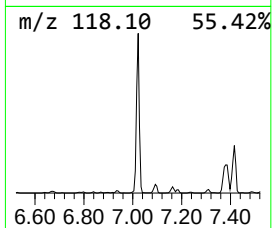
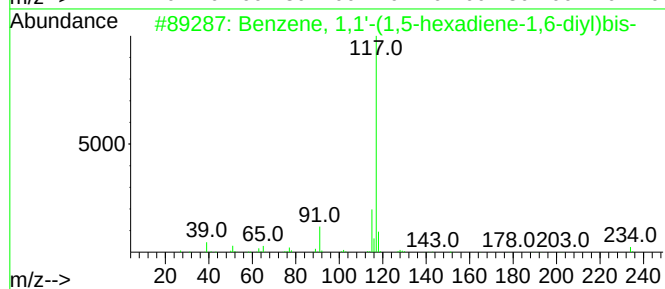
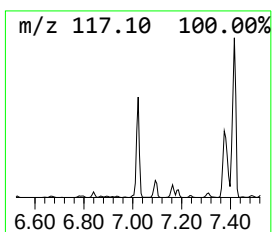
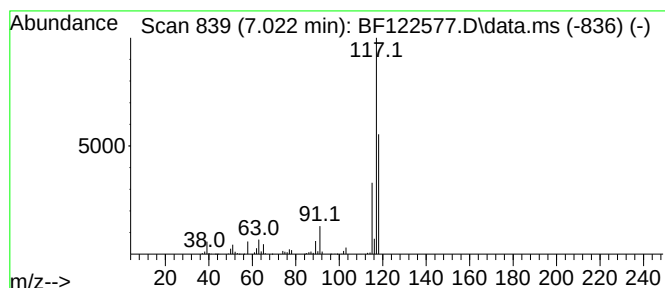
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	36.70 ng	1817690	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
3			Indole	117	C8H7N	000120-72-9	46
4			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
5			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
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ALS Vial : 12 Sample Multiplier: 1

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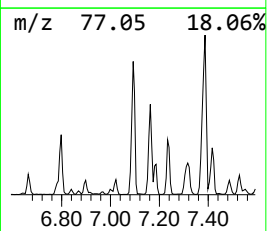
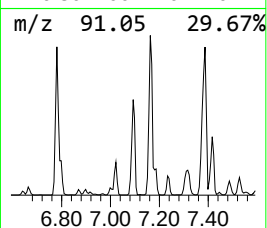
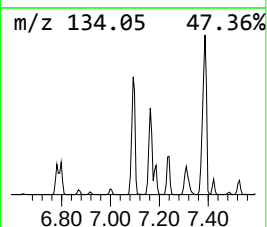
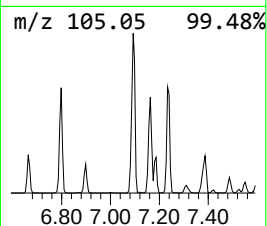
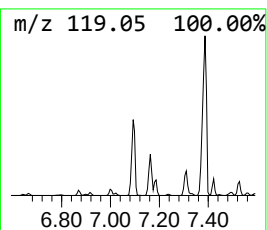
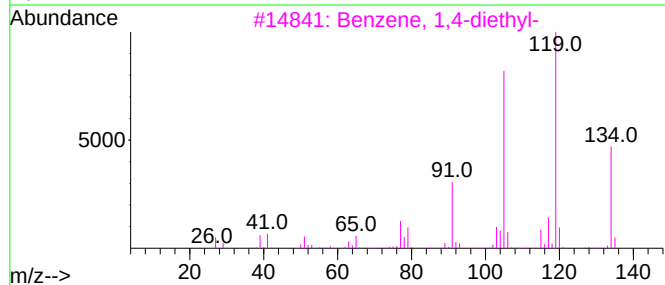
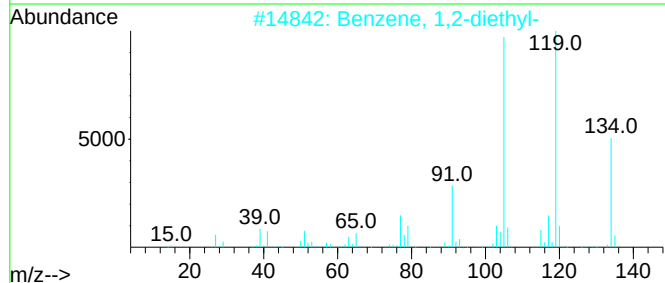
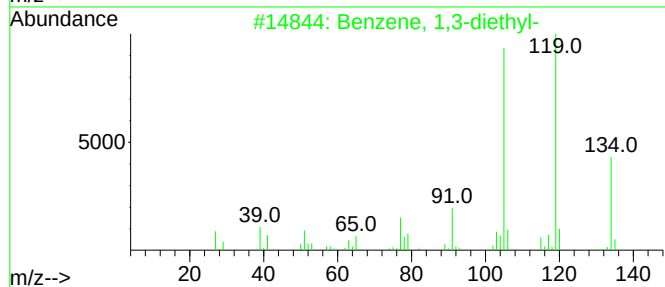
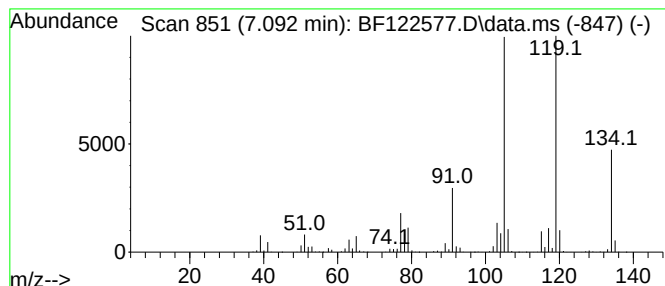
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	105.38 ng	5218890	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

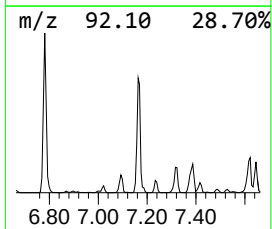
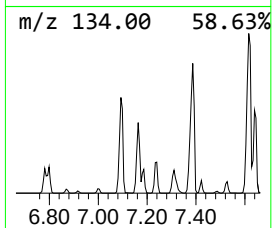
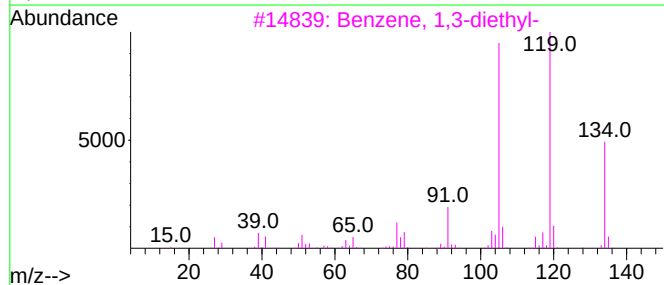
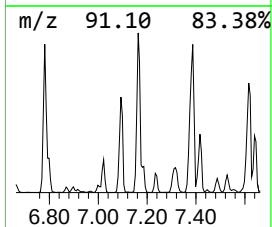
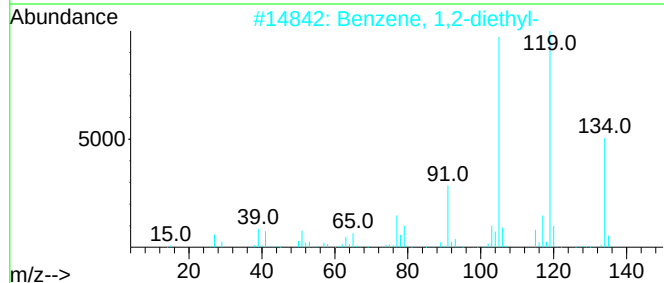
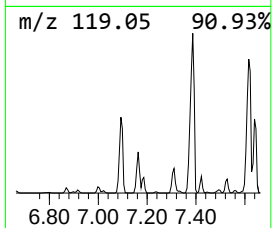
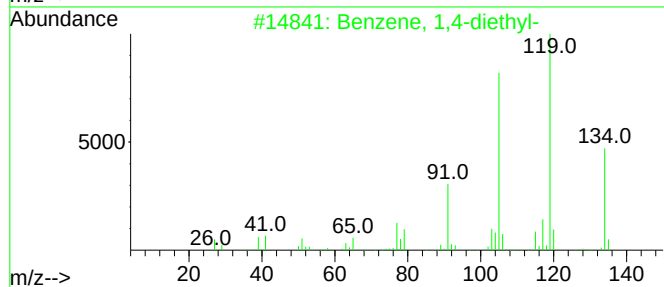
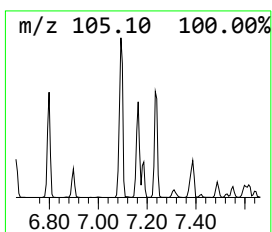
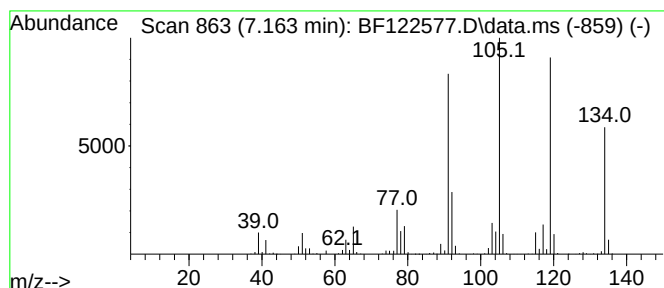
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	74.98 ng	3713390	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

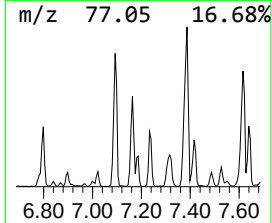
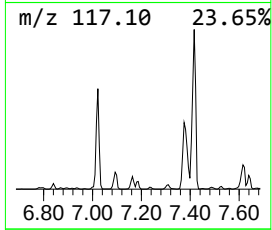
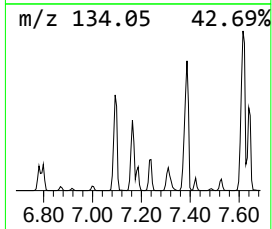
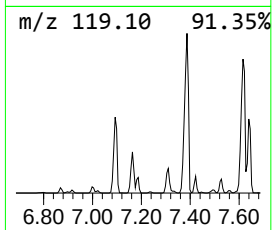
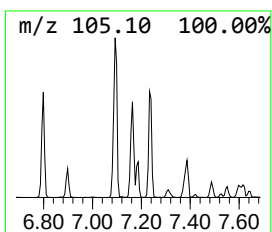
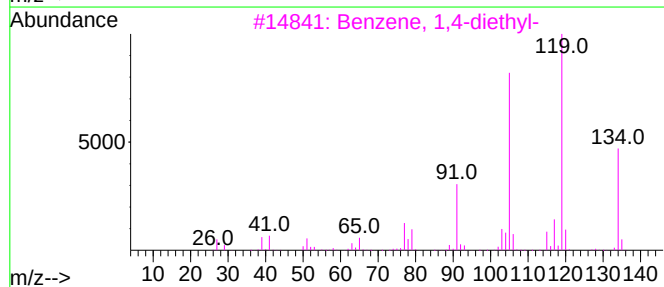
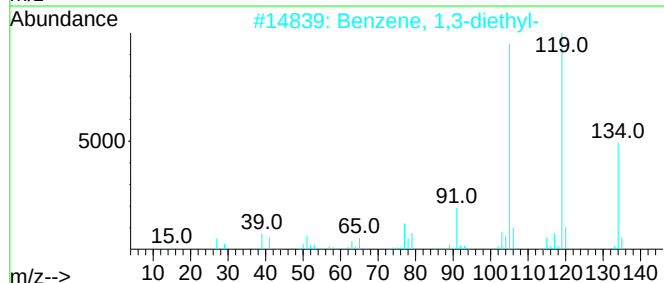
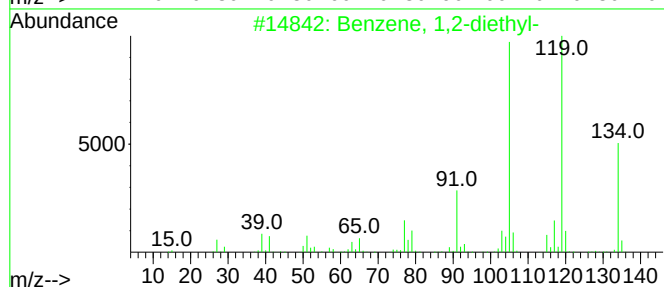
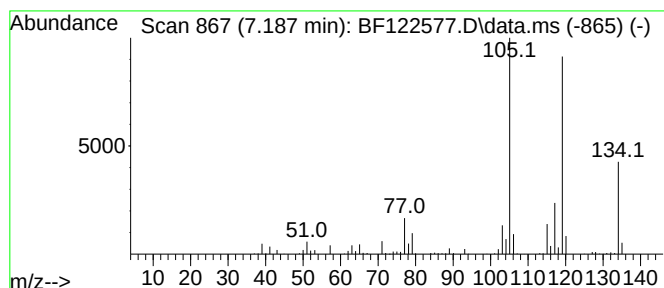
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.187	20.44 ng	1012500	1,4-Dichlorobenzene-d4	6.840

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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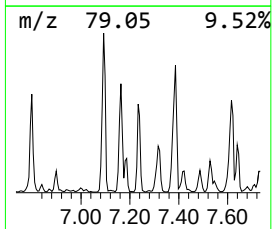
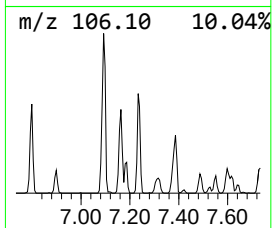
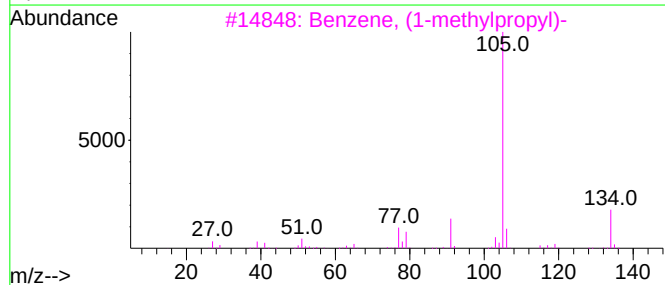
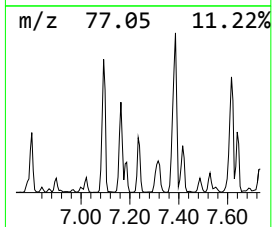
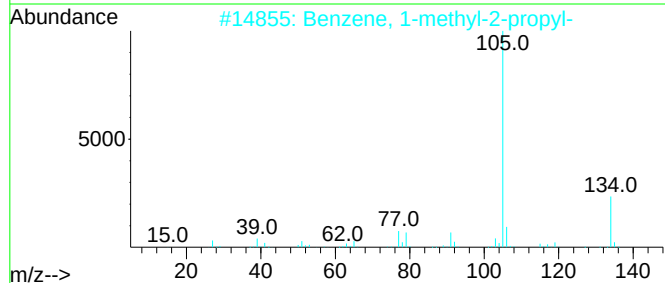
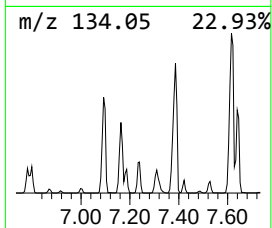
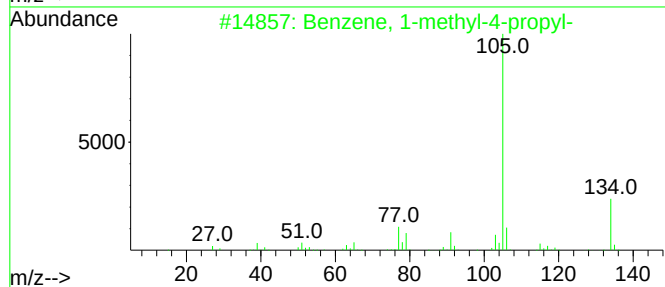
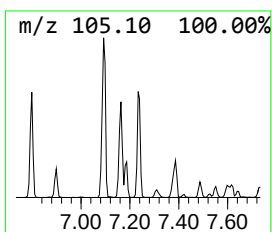
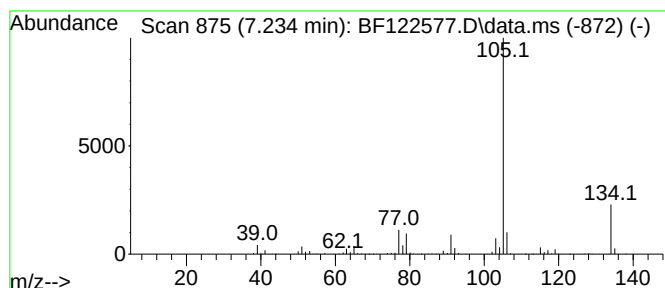
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	31.53 ng	1561550	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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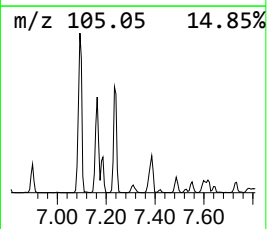
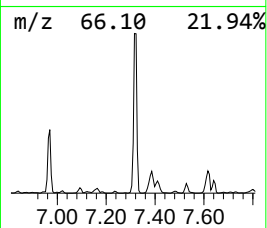
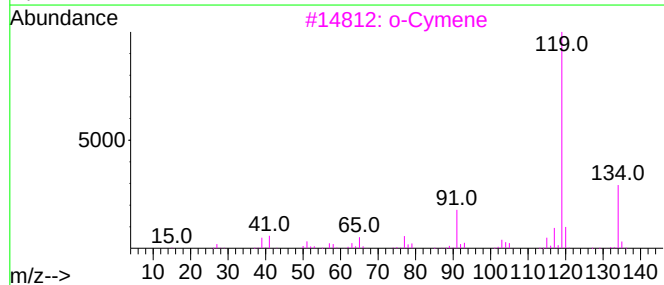
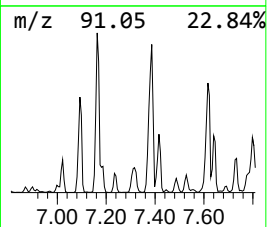
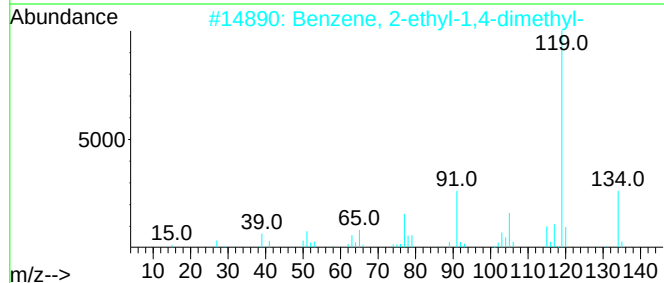
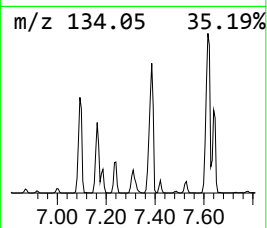
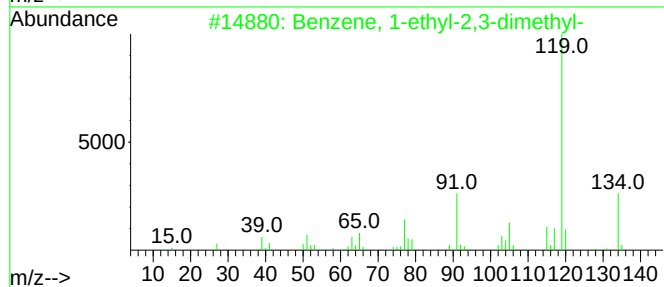
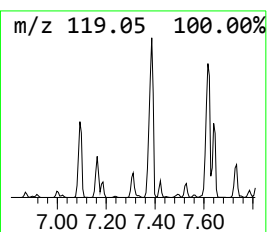
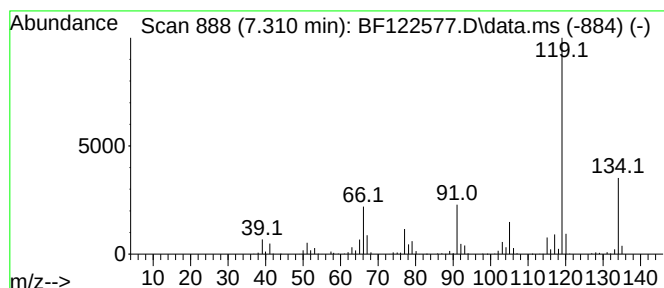
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.310	37.75 ng	1869700	1,4-Dichlorobenzene-d4	6.840

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

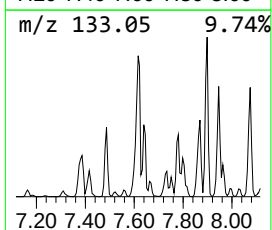
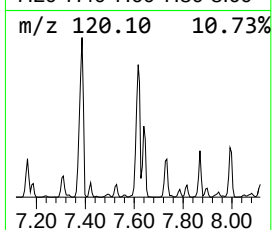
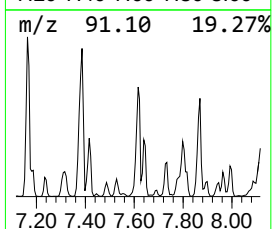
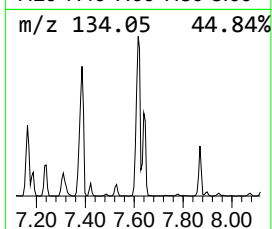
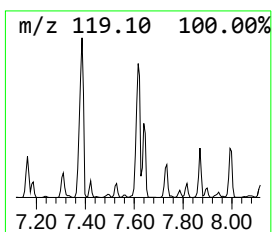
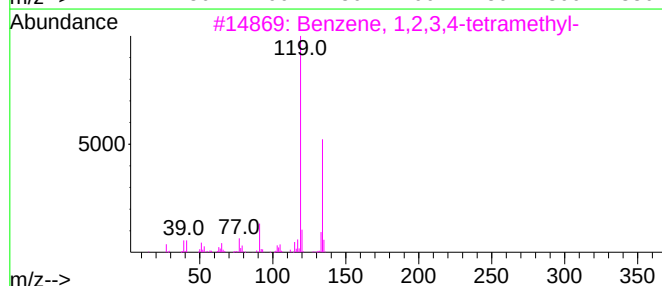
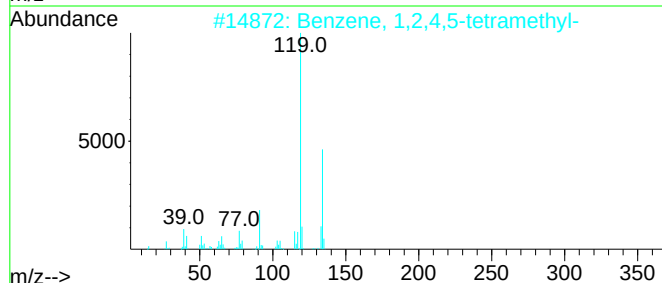
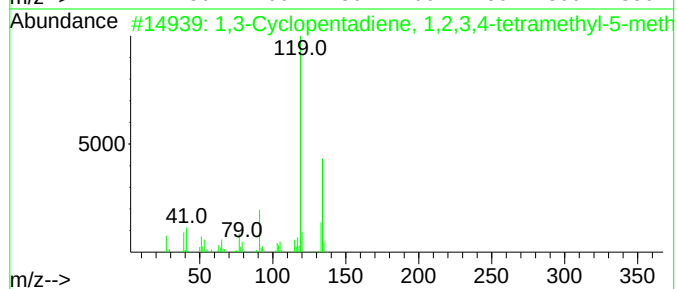
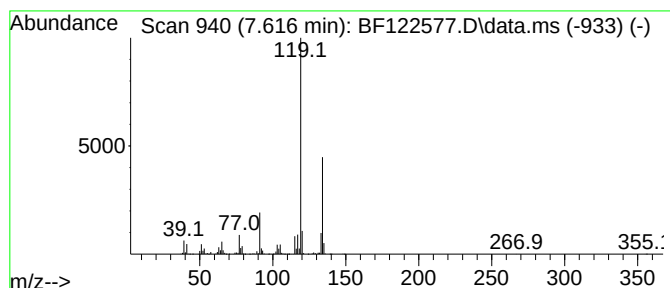
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	28.98 ng	7108570	Naphthalene-d8	8.122

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97	
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96	
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95	
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94	
5	p-Cymene	134	C10H14	000099-87-6	91	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
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Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

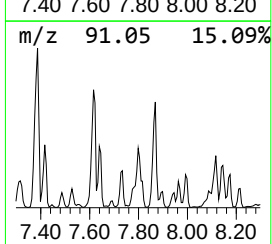
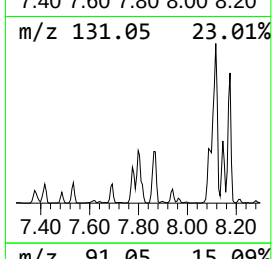
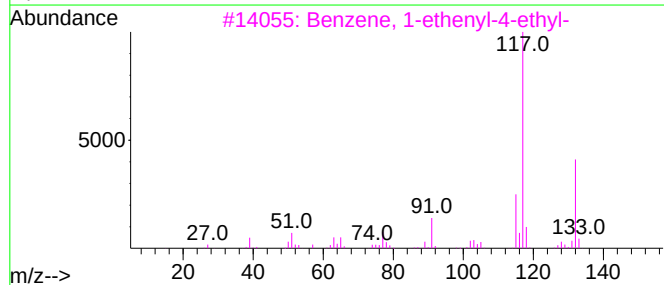
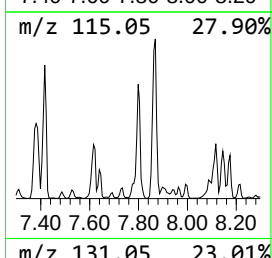
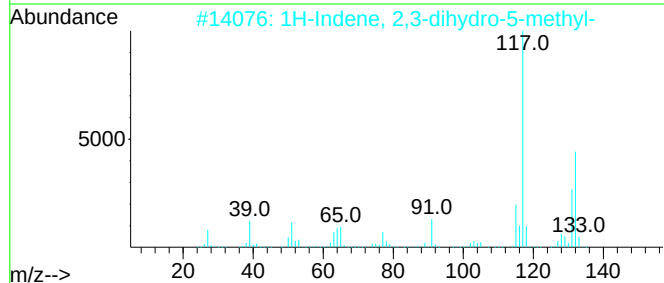
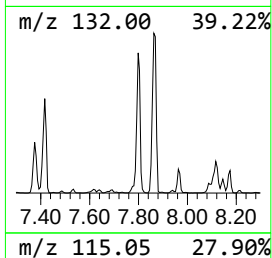
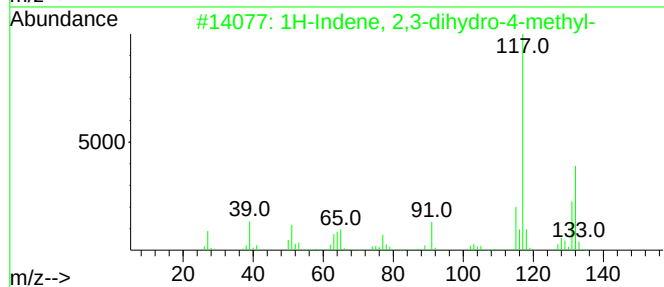
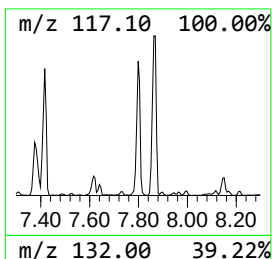
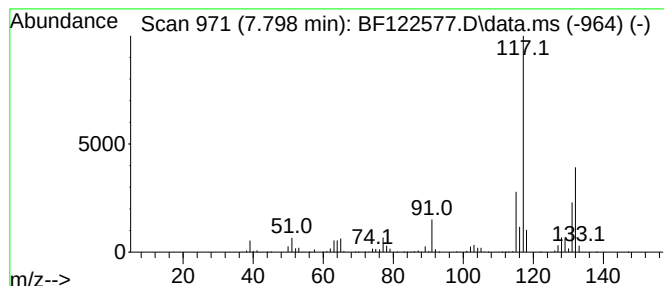
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	24.09 ng	5908370	Naphthalene-d8	8.122

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90	
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90	
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87	
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81	
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

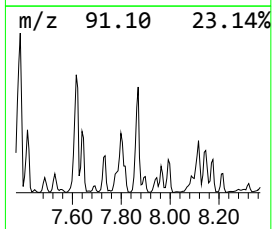
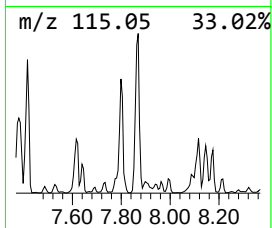
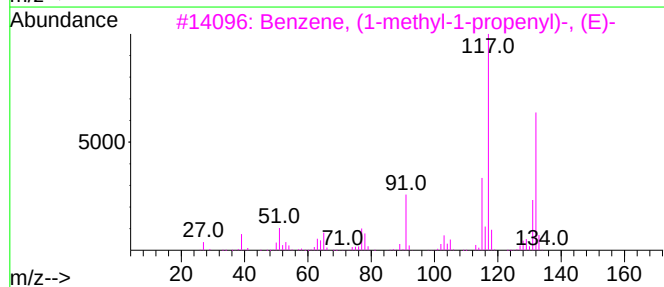
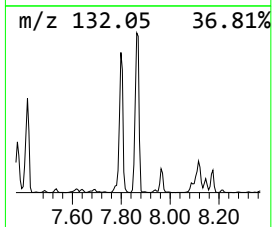
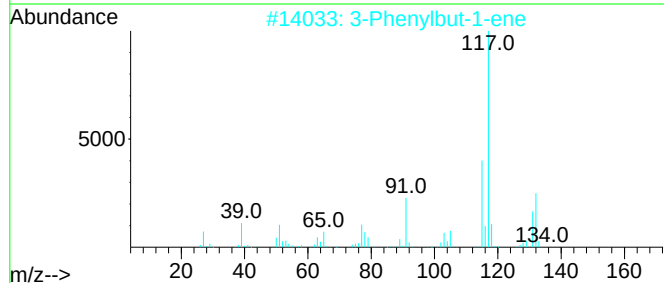
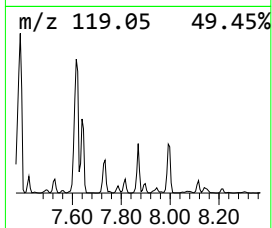
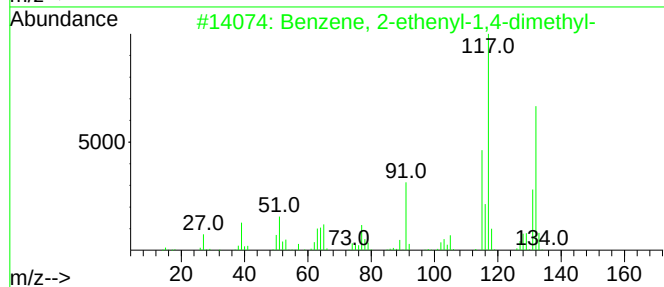
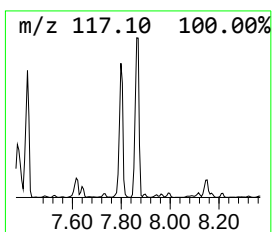
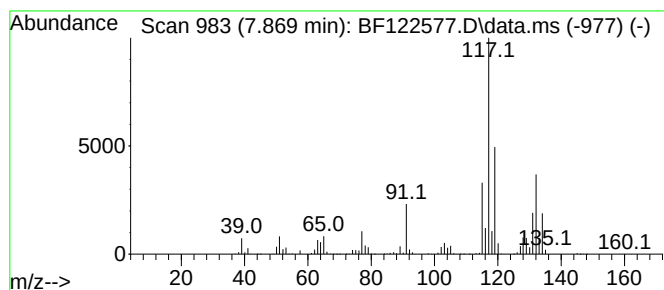
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	30.48 ng	7476880	Naphthalene-d8	8.122

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

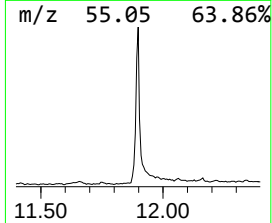
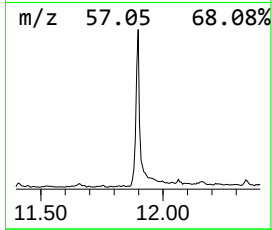
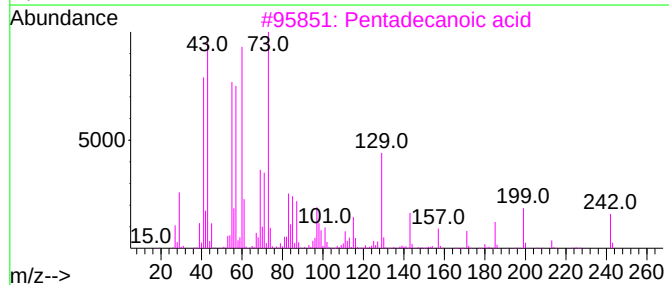
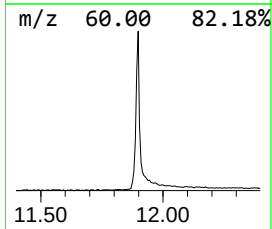
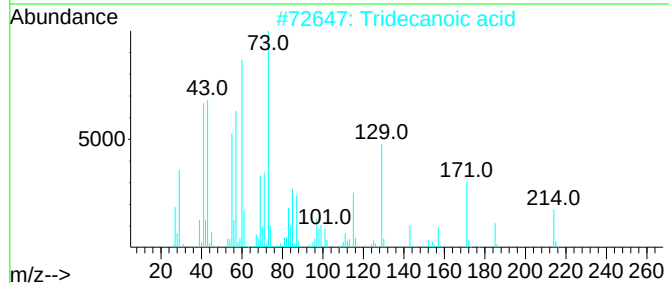
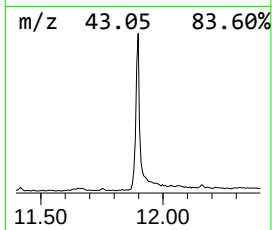
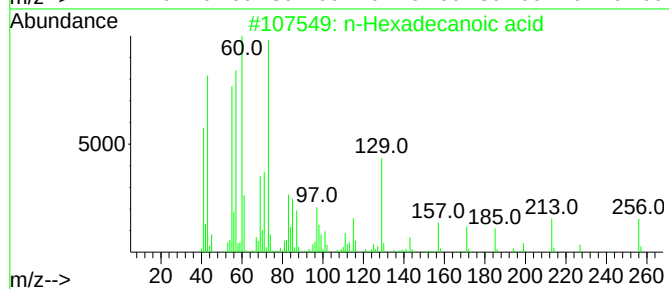
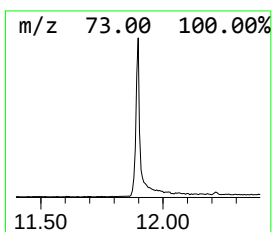
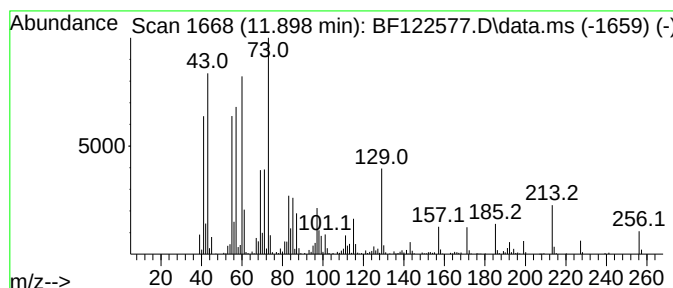
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	17.40 ng	1448420	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122577.D
Acq On : 7 Dec 2020 17:55
Operator : JU/CG
Sample : L4960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

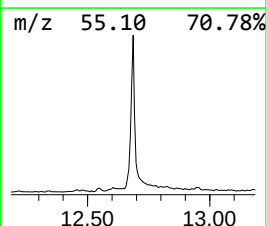
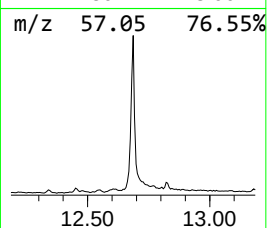
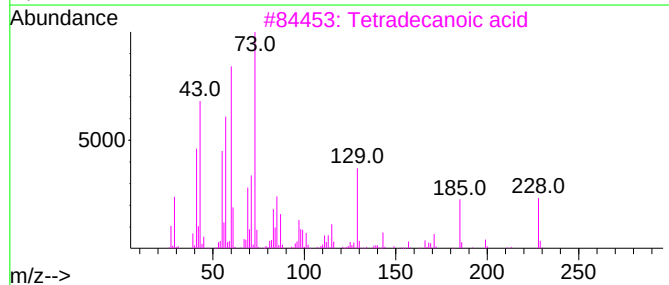
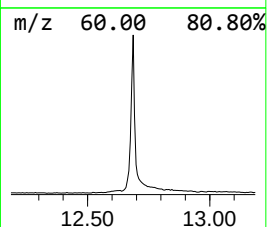
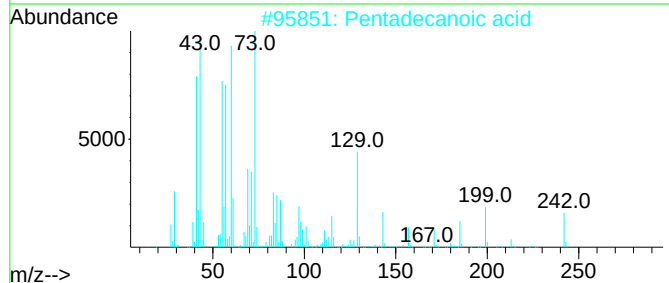
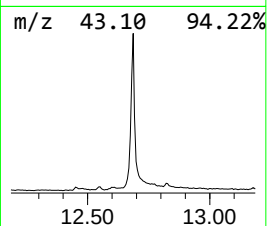
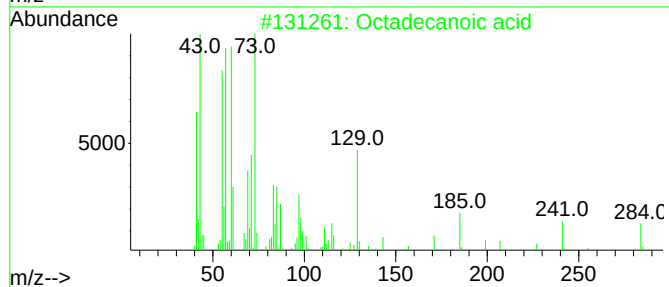
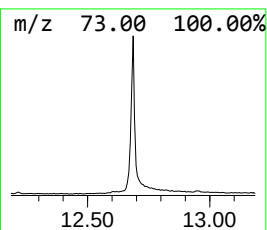
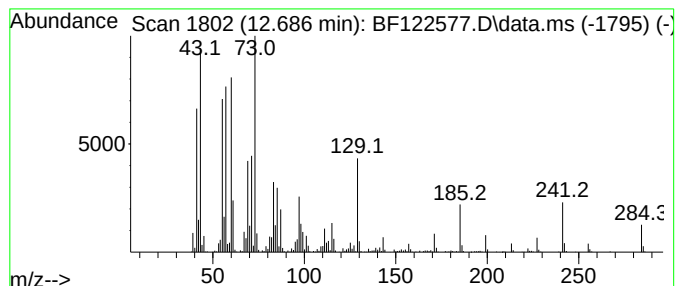
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	32.58 ng	2302030	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122577.D
 Acq On : 7 Dec 2020 17:55
 Operator : JU/CG
 Sample : L4960-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
2-Hexene, 2-met...	2.499	14.1	ng	696536	1	6.840	990476	20.0
Pentane, 2,3,4-...	3.546	21.8	ng	1081250	1	6.840	990476	20.0
Pentane, 2,3,3-...	3.687	28.3	ng	1403390	1	6.840	990476	20.0
Cyclopentene, 1...	4.598	22.8	ng	1126540	1	6.840	990476	20.0
Benzene, propyl-	6.310	141.3	ng	6996340	1	6.840	990476	20.0
Benzene, 1-ethy...	6.398	20.9	ng	1033120	1	6.840	990476	20.0
Benzene, 1-ethy...	6.528	17.6	ng	870481	1	6.840	990476	20.0
Benzene, (2-met...	6.781	24.3	ng	1201330	1	6.840	990476	20.0
Benzene, 1,1'-(...	7.022	36.7	ng	1817690	1	6.840	990476	20.0
Benzene, 1,3-di...	7.092	105.4	ng	5218890	1	6.840	990476	20.0
Benzene, 1,4-di...	7.163	75.0	ng	3713390	1	6.840	990476	20.0
Benzene, 1,2-di...	7.187	20.4	ng	1012500	1	6.840	990476	20.0
Benzene, 1-meth...	7.234	31.5	ng	1561550	1	6.840	990476	20.0
Benzene, 1-ethy...	7.310	37.8	ng	1869700	1	6.840	990476	20.0
1,3-Cyclopentad...	7.616	29.0	ng	7108570	2	8.122	4905740	20.0
1H-Indene, 2,3-...	7.798	24.1	ng	5908370	2	8.122	4905740	20.0
Benzene, 2-ethe...	7.869	30.5	ng	7476880	2	8.122	4905740	20.0
n-Hexadecanoic ...	11.898	17.4	ng	1448420	4	11.363	1665240	20.0
Octadecanoic acid	12.686	32.6	ng	2302030	5	14.004	1413190	20.0