

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133624.D
 Acq On : 07 Jun 2023 14:47
 Operator : CG\JU
 Sample : 03019-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-289

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-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.481	56	67	76	rVB5	66242	198947	5.62%	0.419%
2	2.693	97	103	111	rVB2	43899	95037	2.68%	0.200%
3	2.922	134	142	144	rBV3	25232	51398	1.45%	0.108%
4	2.958	144	148	157	rVB2	55074	110343	3.12%	0.232%
5	3.175	181	185	196	rVB2	56401	112213	3.17%	0.236%
6	3.305	196	207	210	rBV5	31077	76477	2.16%	0.161%
7	3.534	233	246	250	rBV3	44343	118246	3.34%	0.249%
8	3.581	250	254	260	rVB2	107513	175393	4.95%	0.369%
9	3.669	260	269	276	rBV2	157739	293064	8.28%	0.617%
10	3.893	302	307	312	rVB	113488	143768	4.06%	0.303%
11	3.957	312	318	322	rVB	92341	123238	3.48%	0.259%
12	4.152	346	351	356	rVB4	32841	54638	1.54%	0.115%
13	4.304	367	377	379	rBV2	45018	77269	2.18%	0.163%
14	4.357	381	386	394	rVV	375725	574084	16.22%	1.208%
15	4.440	394	400	404	rVB	396687	457771	12.93%	0.963%
16	4.587	418	425	434	rBV	120357	165209	4.67%	0.348%
17	4.834	462	467	470	rBV3	40532	51054	1.44%	0.107%
18	4.952	482	487	489	rBV3	66552	91332	2.58%	0.192%
19	5.040	499	502	505	rBV	45760	53553	1.51%	0.113%
20	5.099	509	512	513	rBV2	65514	74899	2.12%	0.158%
21	5.169	519	524	533	rBV4	114563	141346	3.99%	0.297%
22	5.316	545	549	556	rVB2	112349	134126	3.79%	0.282%
23	5.446	563	571	574	rBV2	1886055	2231860	63.04%	4.697%
24	5.681	608	611	613	rVV	95040	85216	2.41%	0.179%
25	5.704	613	615	618	rVV	97547	98342	2.78%	0.207%
26	6.057	670	675	678	rBV2	51072	55924	1.58%	0.118%
27	6.146	687	690	692	rBV2	70302	70063	1.98%	0.147%
28	6.169	692	694	696	rVV	85922	74954	2.12%	0.158%
29	6.193	696	698	703	rVB2	50426	58977	1.67%	0.124%
30	6.357	719	726	728	rBV2	45218	62468	1.76%	0.131%
31	6.393	728	732	735	rVB	257434	221338	6.25%	0.466%
32	6.457	736	743	750	rBV	1059092	971695	27.45%	2.045%
33	6.522	750	754	757	rBV	1375781	1114695	31.48%	2.346%
34	6.663	774	778	781	rBV	2141630	1870097	52.82%	3.936%
35	6.834	804	807	810	rBV	1065132	869612	24.56%	1.830%
36	6.863	810	812	814	rVV2	72452	60216	1.70%	0.127%

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37	6.893	814	817	819	rVV	468433	367506	10.38%	0.773%
38	6.910	819	820	826	rVB2	58275	54226	1.53%	0.114%
39	6.993	829	834	835	rBV3	97317	117679	3.32%	0.248%
40	7.016	835	838	842	rVV	2763696	2441229	68.95%	5.138%

41	7.087	846	850	853	rVB	1356011	1141030	32.23%	2.402%
42	7.151	858	861	864	rBV	669729	640646	18.10%	1.348%
43	7.175	864	865	871	rVB2	300453	183834	5.19%	0.387%
44	7.228	871	874	879	rBV	505807	395684	11.18%	0.833%
45	7.298	882	886	889	rBV	548309	495271	13.99%	1.042%

46	7.322	889	890	894	rVB	174456	124812	3.53%	0.263%
47	7.375	894	899	901	rBV2	1710761	1590901	44.94%	3.348%
48	7.404	901	904	908	rVB2	3084805	3144446	88.82%	6.618%
49	7.481	913	917	921	rBV4	97207	101056	2.85%	0.213%
50	7.522	921	924	927	rBV2	193401	181423	5.12%	0.382%

51	7.604	935	938	941	rBV	1660013	1325134	37.43%	2.789%
52	7.634	941	943	946	rVB	651903	470250	13.28%	0.990%
53	7.681	948	951	954	rVB	95991	80906	2.29%	0.170%
54	7.722	954	958	963	rBV	136866	124116	3.51%	0.261%
55	7.769	963	966	967	rBV	138324	111901	3.16%	0.236%

56	7.792	967	970	976	rVB	1817922	1477717	41.74%	3.110%
57	7.857	977	981	985	rBV2	3203128	2780215	78.53%	5.852%
58	7.898	985	988	990	rVV2	118746	163211	4.61%	0.344%
59	7.934	992	994	996	rVV2	92506	78482	2.22%	0.165%
60	7.957	996	998	1001	rVB	212452	146476	4.14%	0.308%

61	7.987	1001	1003	1007	rVB	71630	52500	1.48%	0.110%
62	8.063	1011	1016	1017	rBV2	52096	60377	1.71%	0.127%
63	8.081	1017	1019	1020	rVV	173214	127519	3.60%	0.268%
64	8.122	1020	1026	1027	rVV2	1305996	1638805	46.29%	3.449%
65	8.140	1027	1029	1031	rVV2	725859	607424	17.16%	1.278%

66	8.163	1031	1033	1036	rVV	459374	347360	9.81%	0.731%
67	8.204	1036	1040	1043	rVB2	104409	109557	3.09%	0.231%
68	8.234	1043	1045	1049	rBV2	55031	50463	1.43%	0.106%
69	8.392	1068	1072	1078	rVB3	330911	381200	10.77%	0.802%
70	8.504	1088	1091	1094	rVB	319043	242717	6.86%	0.511%

71	8.551	1096	1099	1102	rBV2	70441	85514	2.42%	0.180%
72	8.587	1102	1105	1109	rVB2	200576	169186	4.78%	0.356%
73	8.622	1109	1111	1113	rBV2	75962	61735	1.74%	0.130%
74	8.675	1118	1120	1123	rVV	108252	113250	3.20%	0.238%
75	8.704	1123	1125	1129	rVB	299730	265463	7.50%	0.559%

76	8.781	1136	1138	1141	rVB2	130043	114648	3.24%	0.241%
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77	8.928	1159	1163	1167	rBV	592154	553159	15.62%	1.164%
78	8.975	1167	1171	1173	rBV4	78767	92661	2.62%	0.195%
79	9.116	1193	1195	1199	rVB	105944	87581	2.47%	0.184%
80	9.198	1204	1209	1212	rVB	4180115	3540430	100.00%	7.452%
81	9.357	1234	1236	1239	rVB	87818	58248	1.65%	0.123%
82	9.439	1246	1250	1251	rBV	75115	69622	1.97%	0.147%
83	9.457	1251	1253	1260	rVV4	109082	140090	3.96%	0.295%
84	9.534	1262	1266	1275	rVB4	114295	160464	4.53%	0.338%
85	9.669	1287	1289	1295	rVB5	41319	55279	1.56%	0.116%
86	9.875	1320	1324	1327	rVB	1360208	1089819	30.78%	2.294%
87	9.904	1327	1329	1332	rVB	69317	53525	1.51%	0.113%
88	9.963	1336	1339	1345	rVB	88470	94650	2.67%	0.199%
89	10.422	1414	1417	1421	rVB	60530	51851	1.46%	0.109%
90	10.586	1441	1445	1449	rBV	194674	188496	5.32%	0.397%
91	10.663	1454	1458	1462	rBV	2080522	2033512	57.44%	4.280%
92	10.786	1473	1479	1486	rVB7	28760	55514	1.57%	0.117%
93	10.898	1495	1498	1505	rVB2	58529	61309	1.73%	0.129%
94	11.363	1573	1577	1580	rBV	1228583	982744	27.76%	2.068%
95	11.892	1663	1667	1676	rBV	279955	297459	8.40%	0.626%
96	12.680	1797	1801	1807	rBV	121464	153269	4.33%	0.323%
97	12.957	1843	1848	1851	rBV	3218893	2914685	82.33%	6.135%
98	13.904	2005	2009	2020	rBV9	28860	83856	2.37%	0.176%
99	14.010	2023	2027	2030	rVB	772733	748897	21.15%	1.576%
100	15.474	2271	2276	2280	rBV	456754	560920	15.84%	1.181%

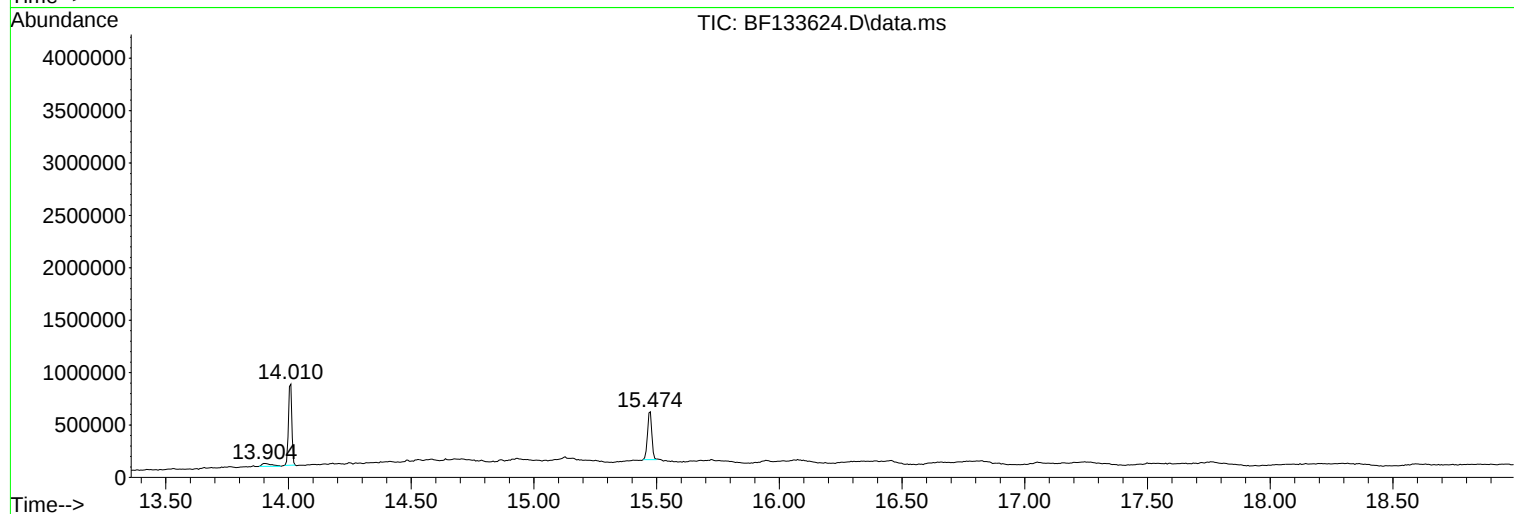
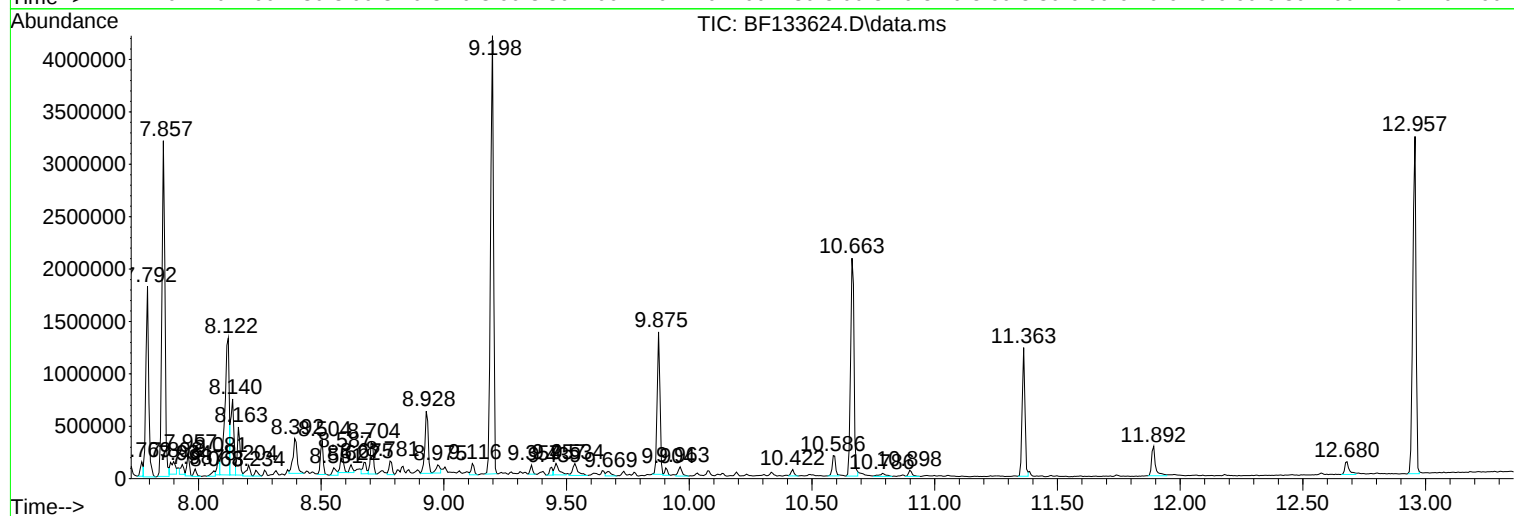
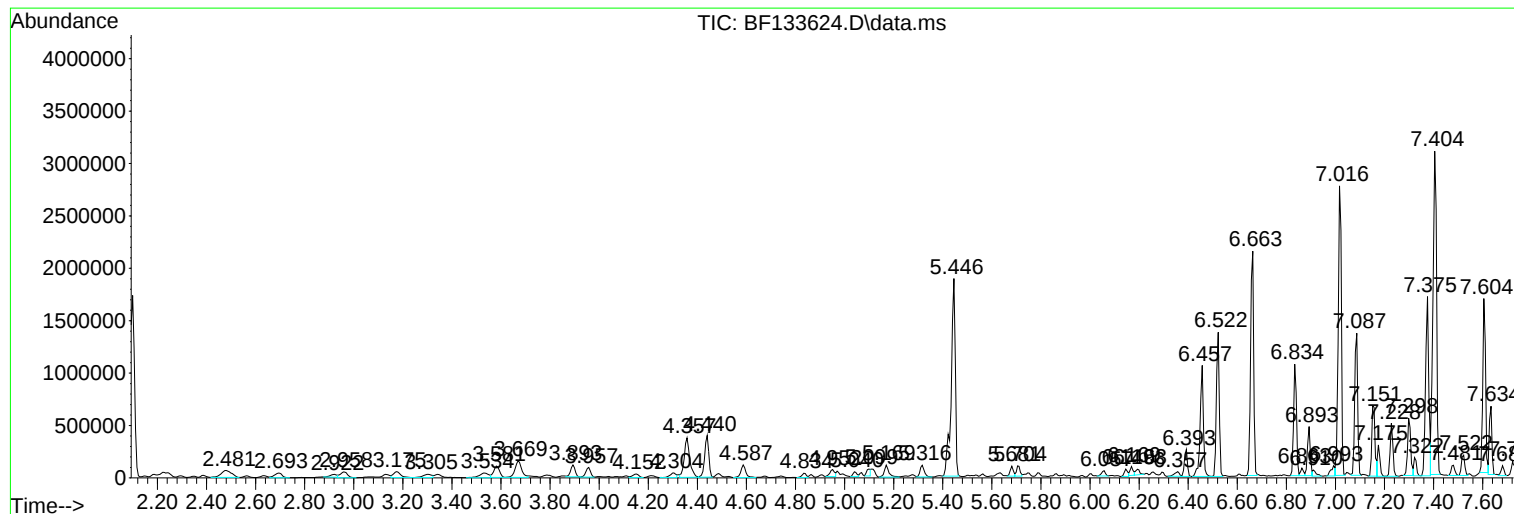
Sum of corrected areas: 47512771

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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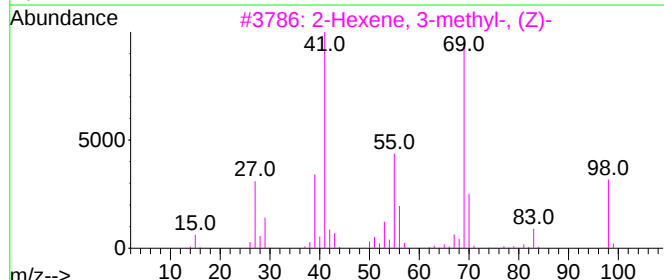
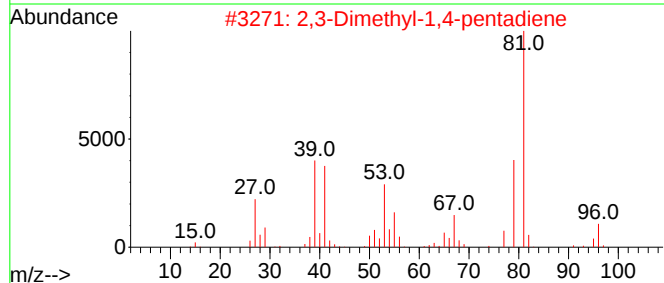
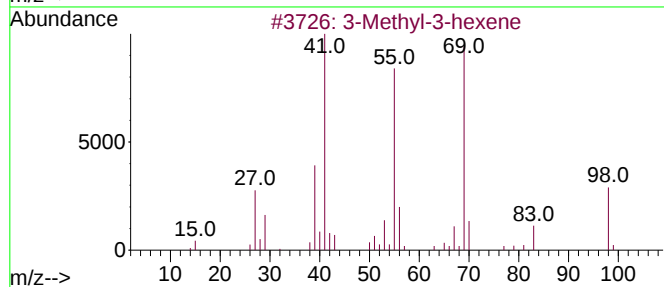
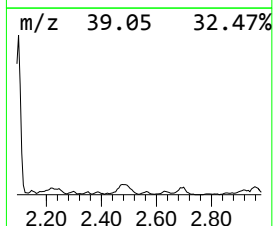
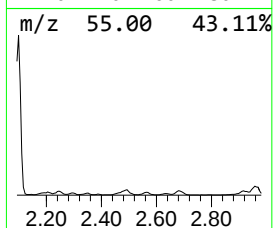
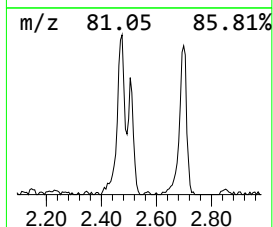
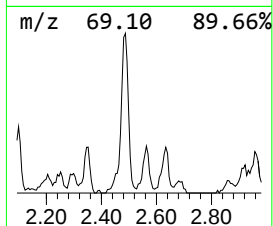
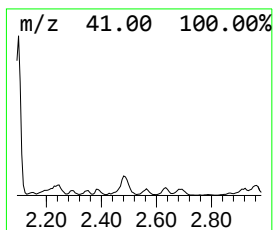
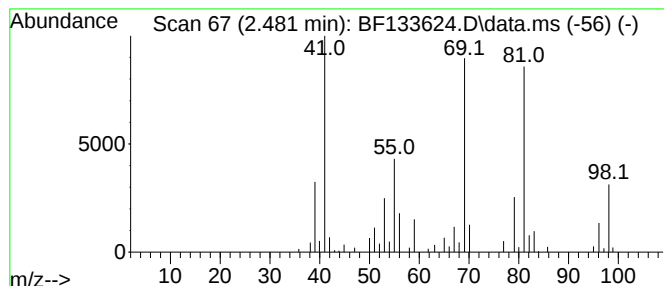
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Methyl-3-hexene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.481	4.58 ng	198947	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-3-hexene	98	C7H14	003404-65-7	50
2			2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	50
3			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46
4			Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	46
5			(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	45



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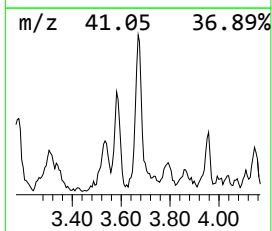
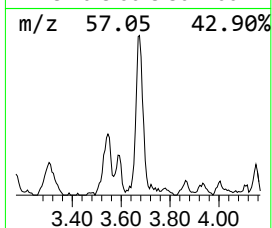
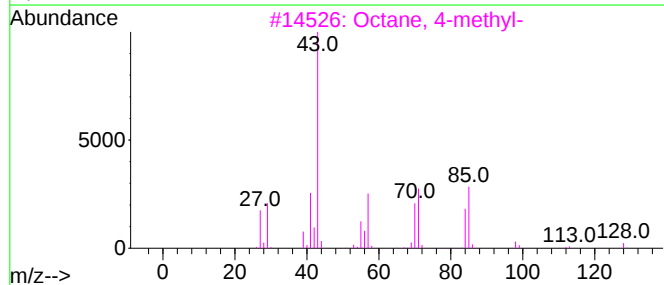
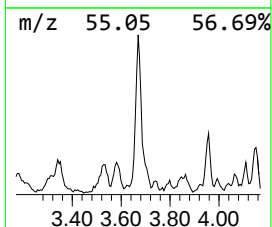
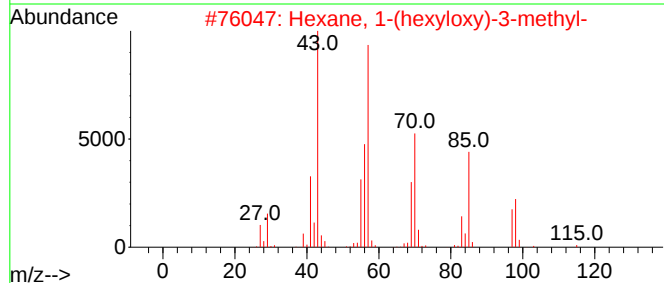
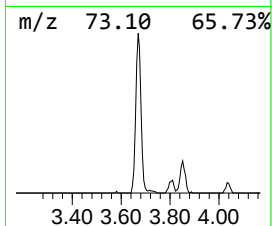
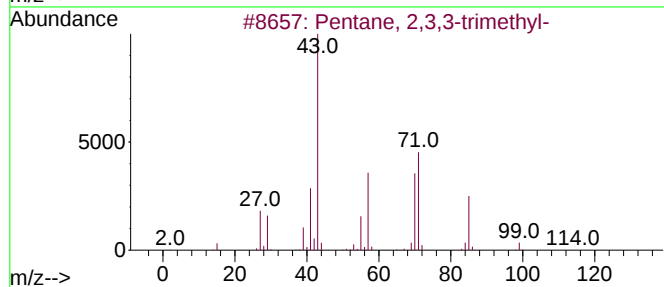
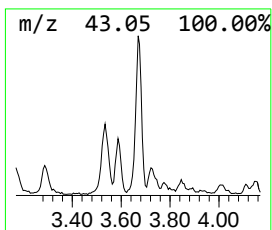
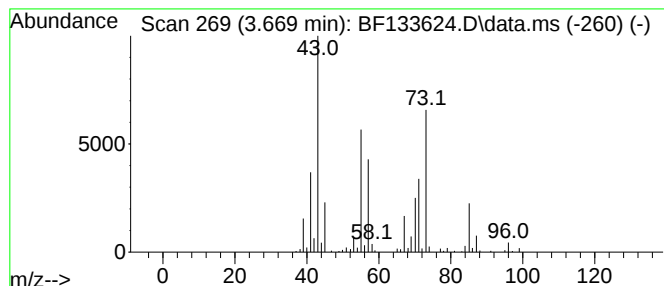
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown3.669 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.669	6.74 ng	293064	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	35
2			Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	35
3			Octane, 4-methyl-	128	C9H20	002216-34-4	32
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	16
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	16



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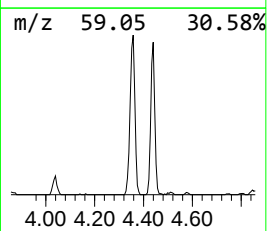
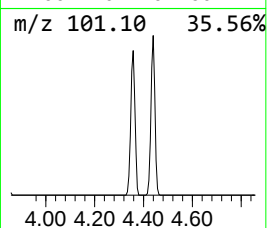
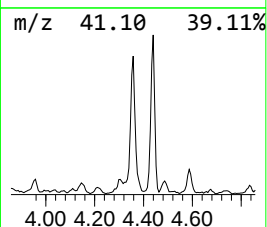
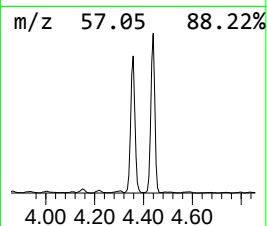
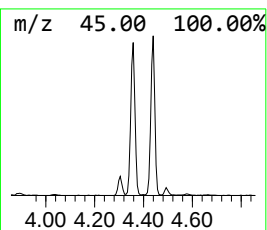
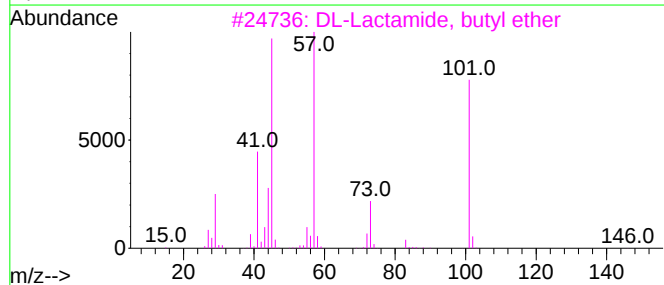
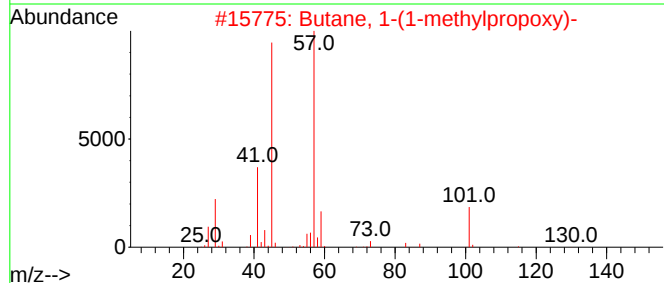
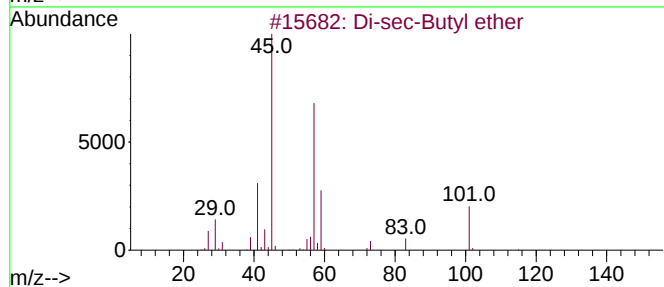
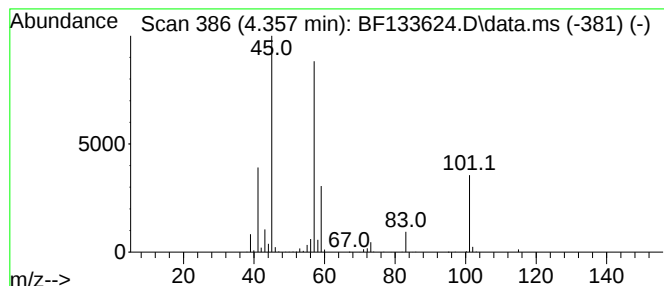
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Di-sec-Butyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.357	13.20 ng	574084	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-sec-Butyl ether	130	C8H18O	006863-58-7	83
2			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	72
3			DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	45
4			2-Butanol	74	C4H10O	000078-92-2	40
5			2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
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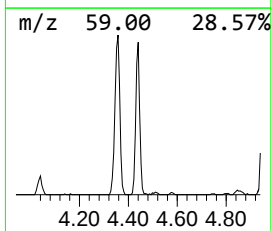
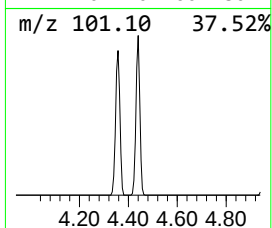
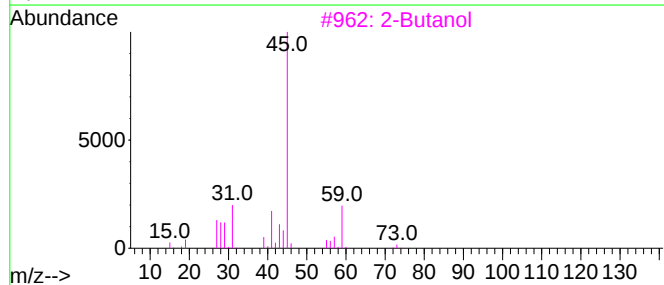
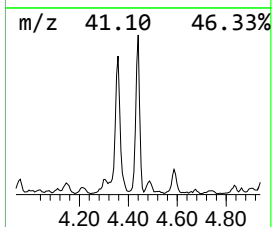
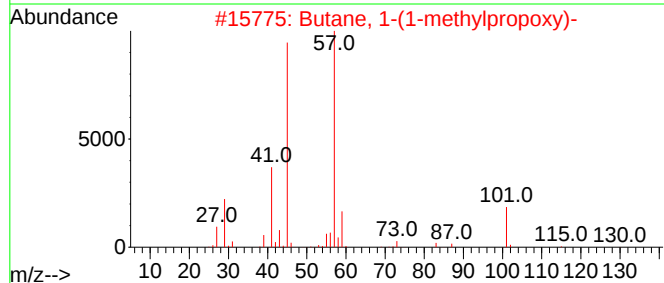
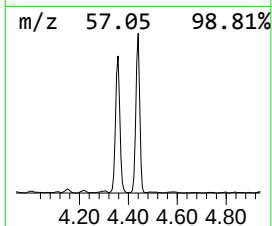
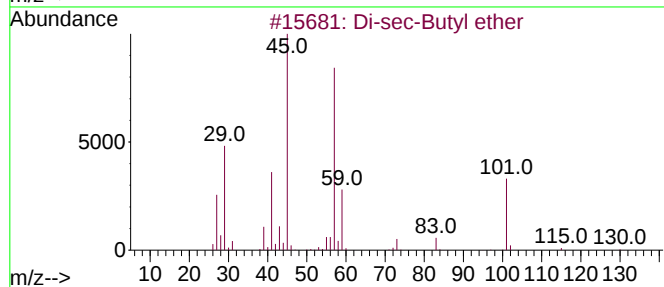
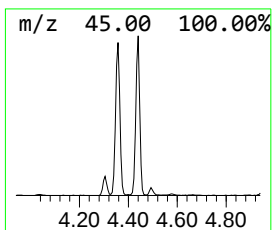
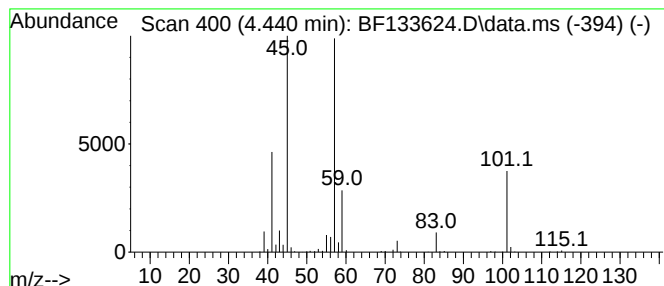
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 1-(1-methylpropoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	10.53 ng	457771	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-sec-Butyl ether	130	C8H18O	006863-58-7	90
2			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	72
3			2-Butanol	74	C4H10O	000078-92-2	50
4			2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	38
5			Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
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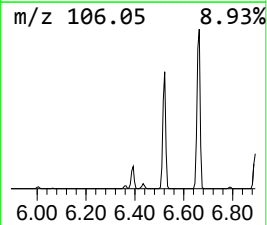
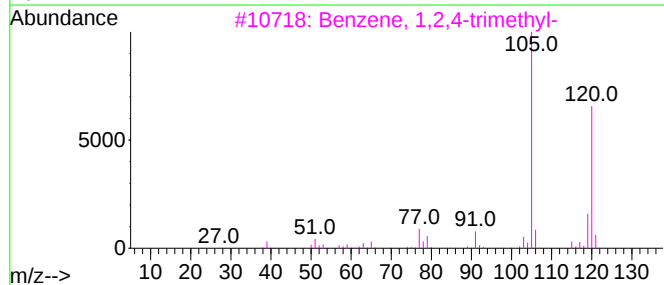
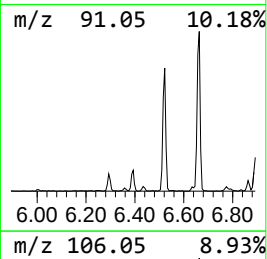
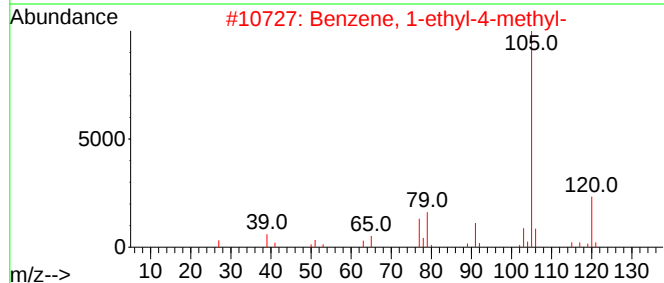
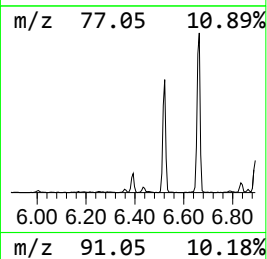
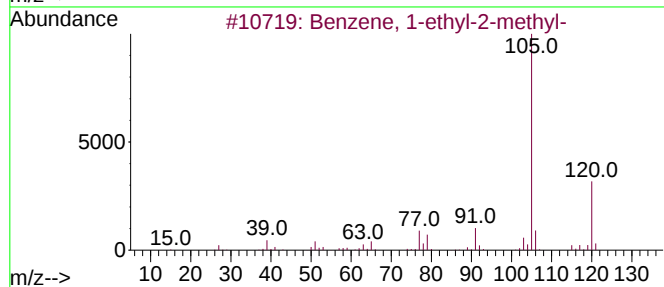
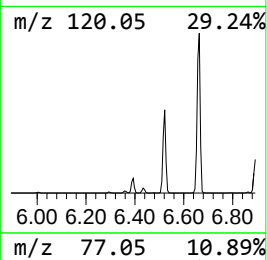
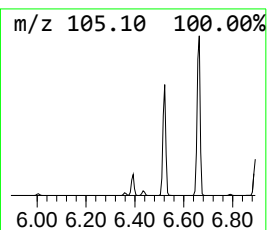
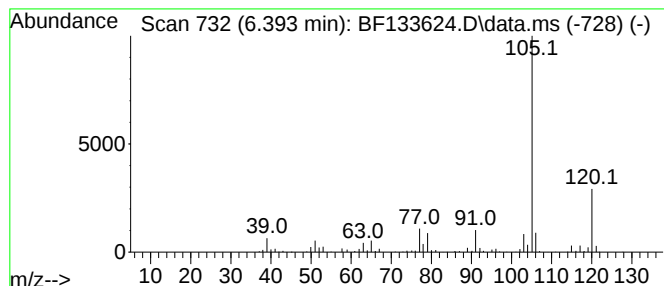
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	5.09 ng	221338	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
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Sample : 03019-01
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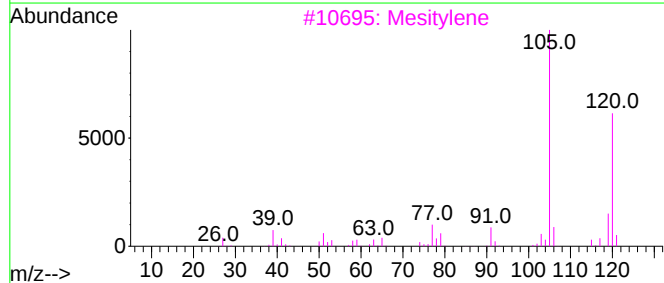
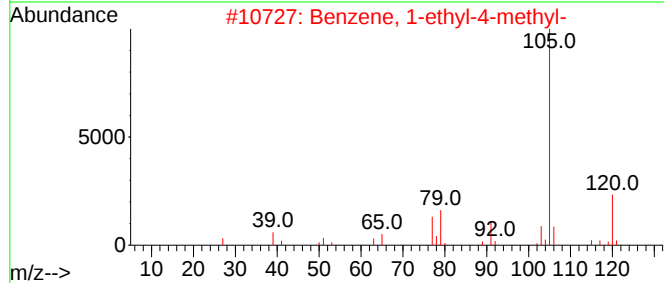
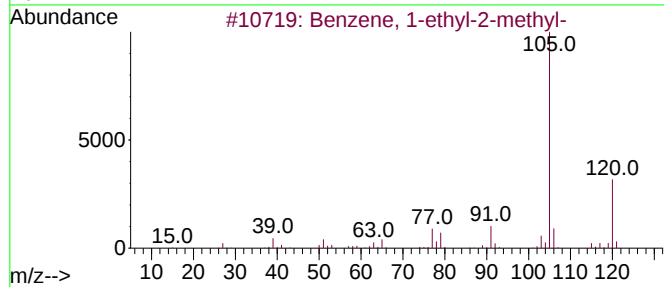
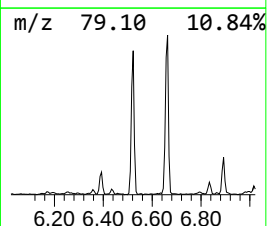
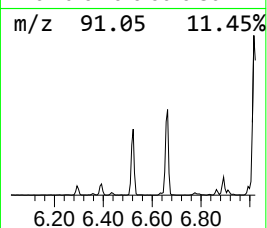
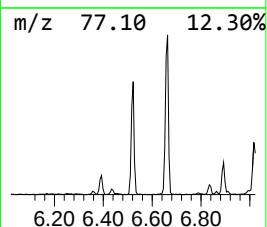
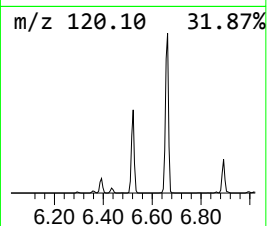
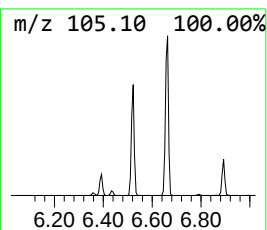
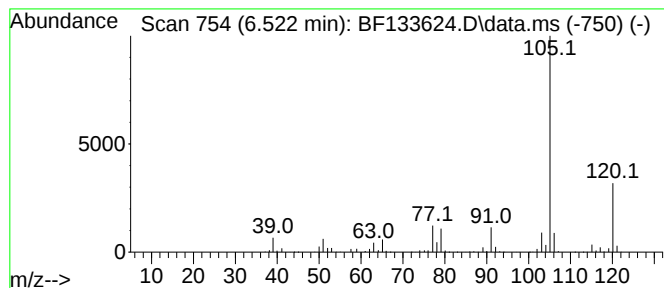
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.522	25.64 ng	1114700	1,4-Dichlorobenzene-d4	6.834

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	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
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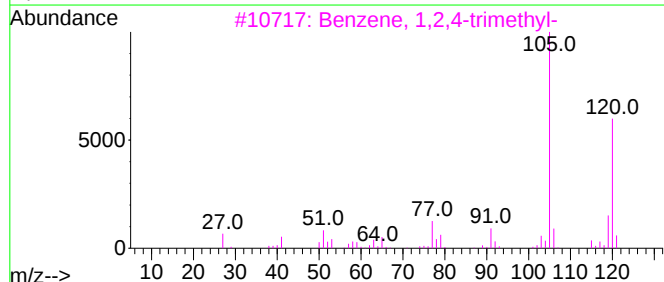
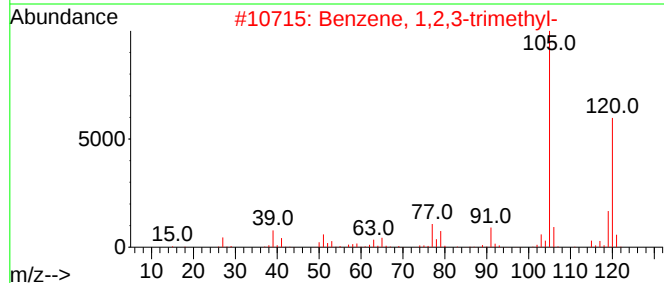
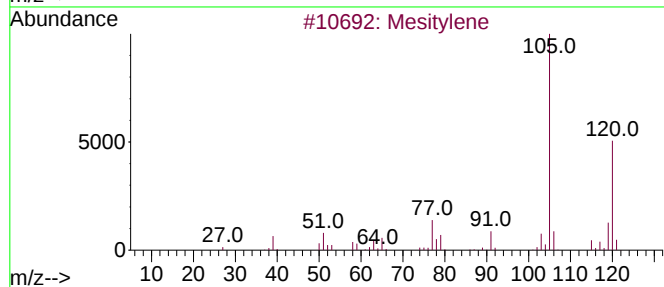
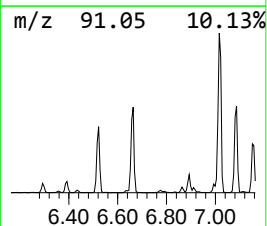
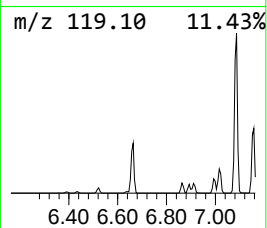
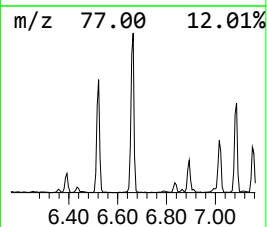
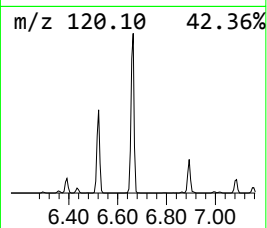
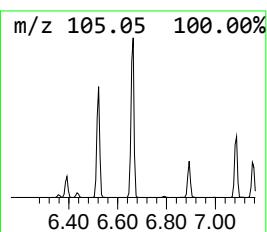
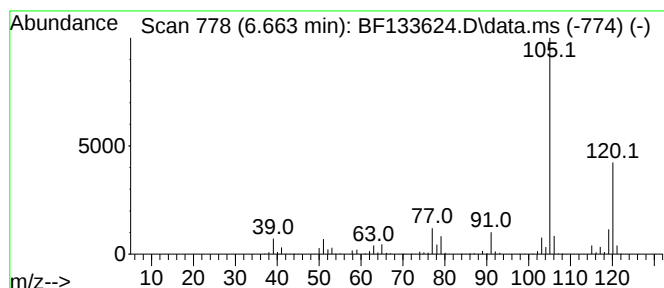
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	43.01 ng	1870100	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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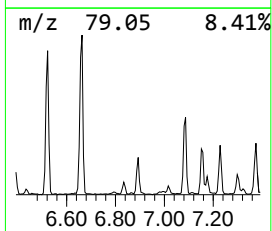
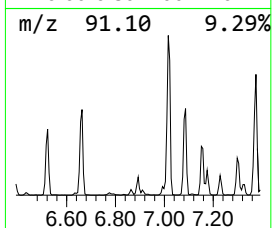
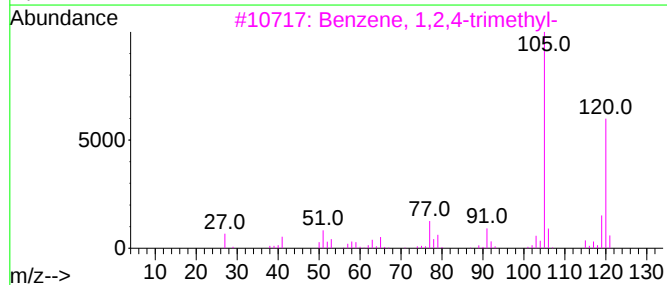
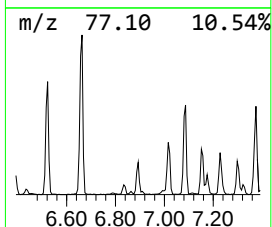
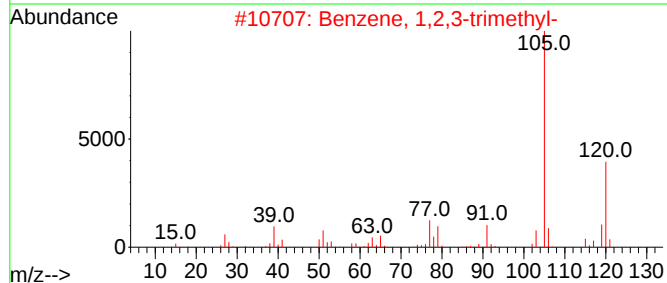
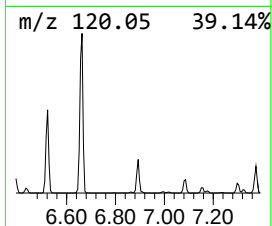
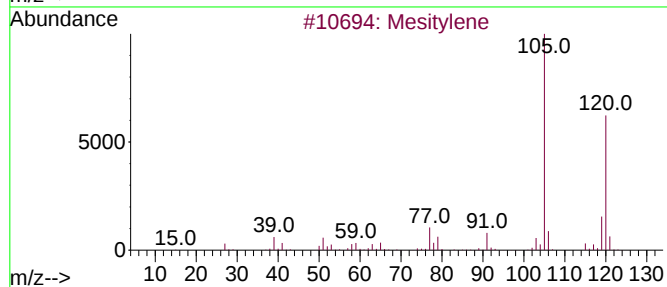
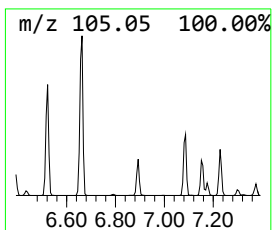
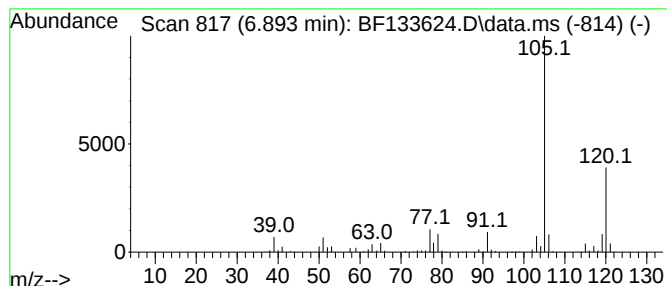
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	8.45 ng	367506	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
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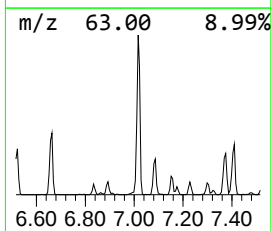
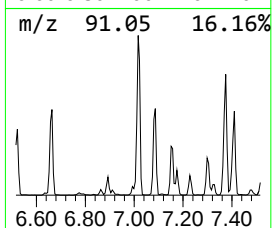
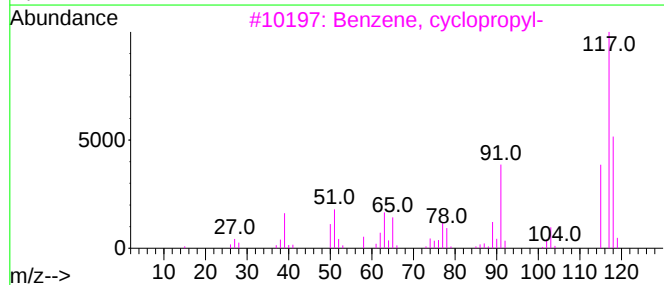
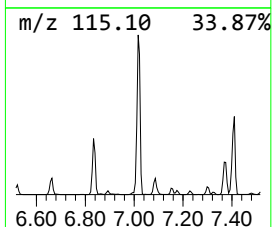
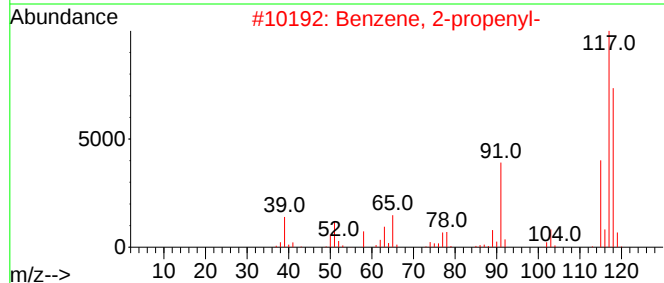
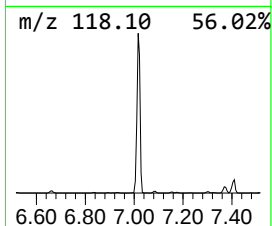
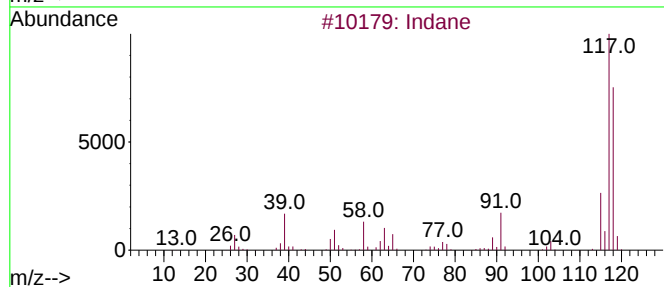
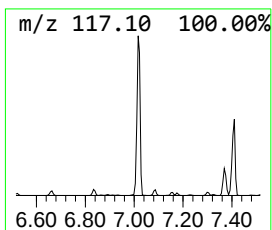
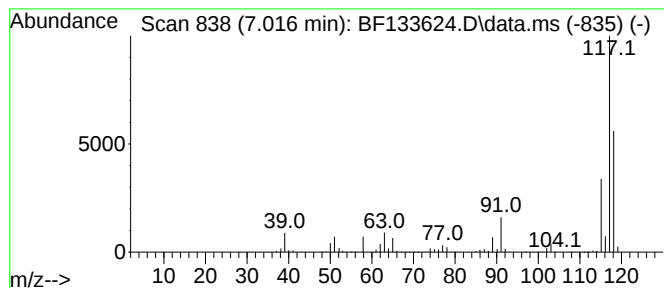
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.016	56.15 ng	2441230	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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ClientSampleId :
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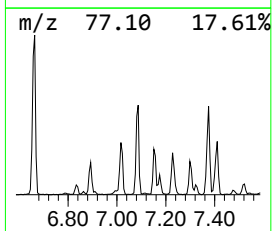
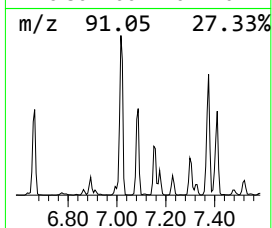
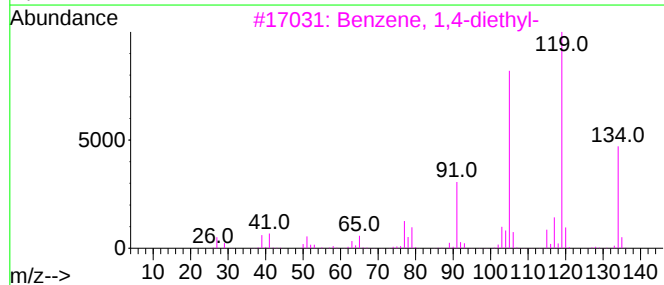
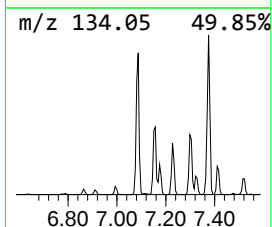
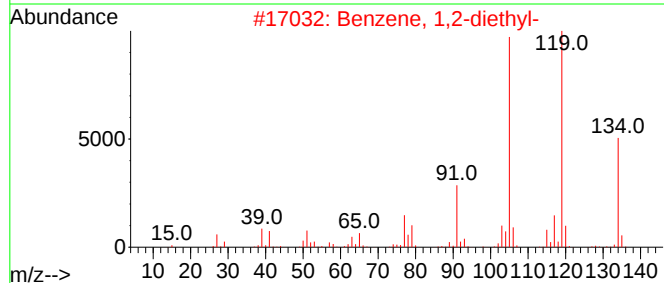
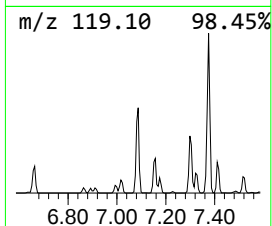
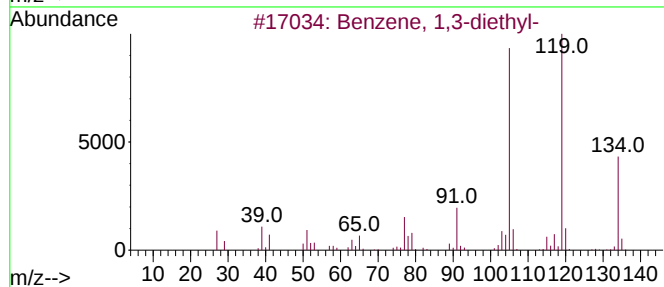
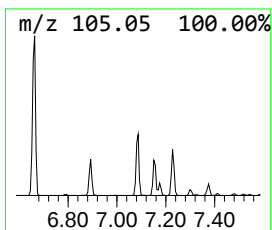
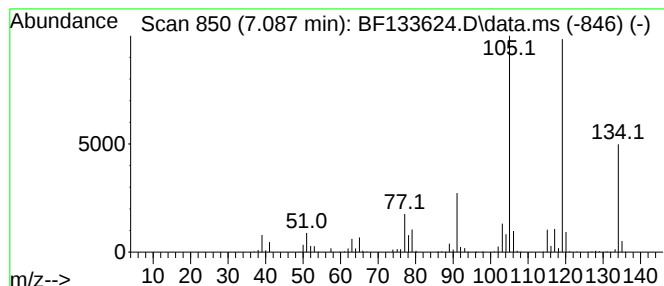
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	26.24 ng	1141030	1,4-Dichlorobenzene-d4	6.834

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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-289

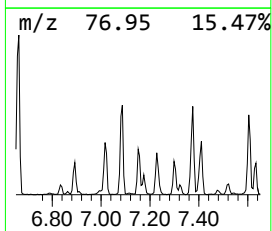
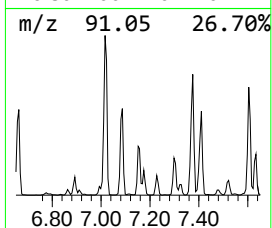
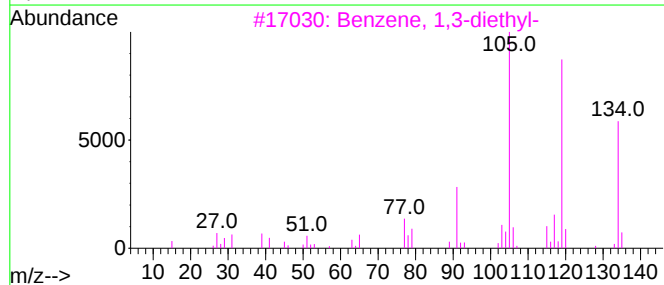
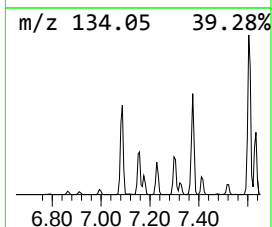
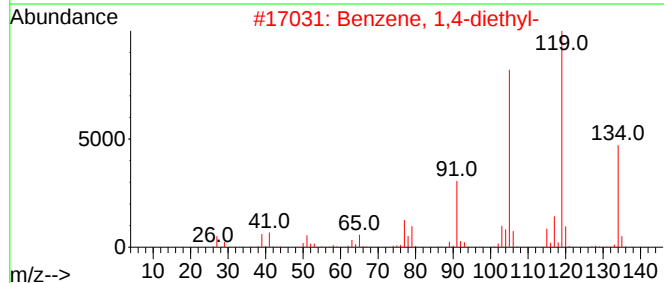
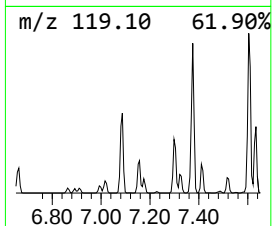
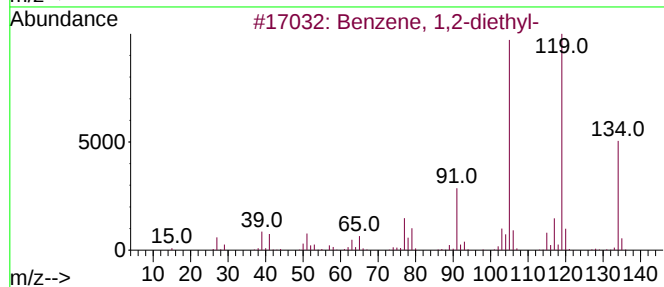
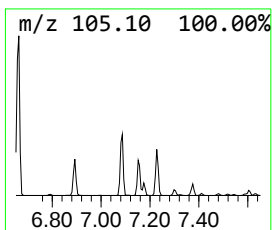
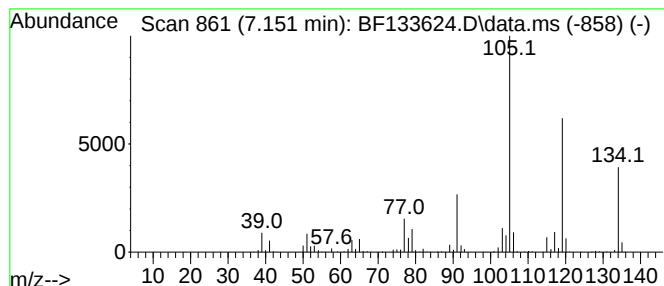
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	14.73 ng	640646	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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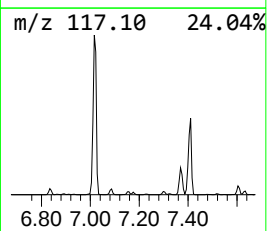
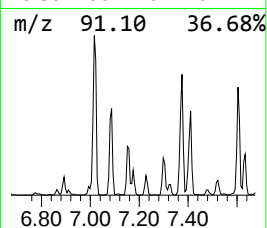
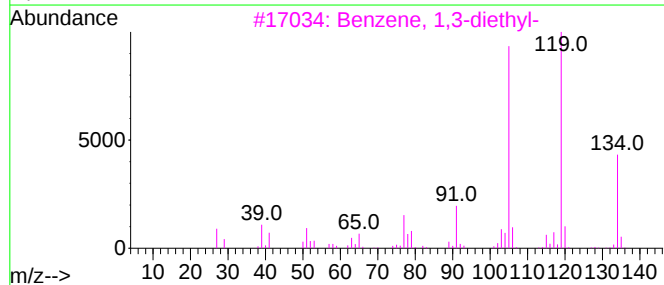
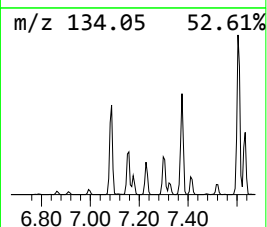
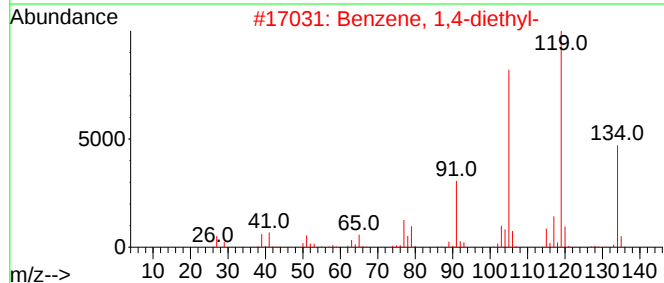
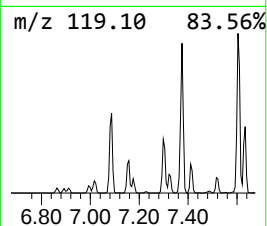
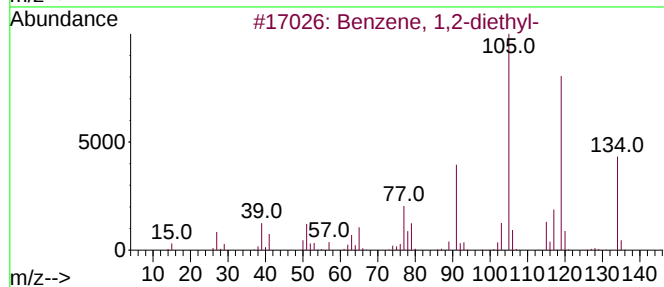
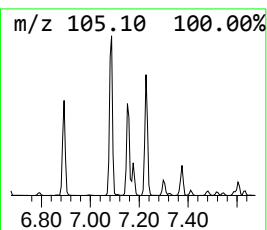
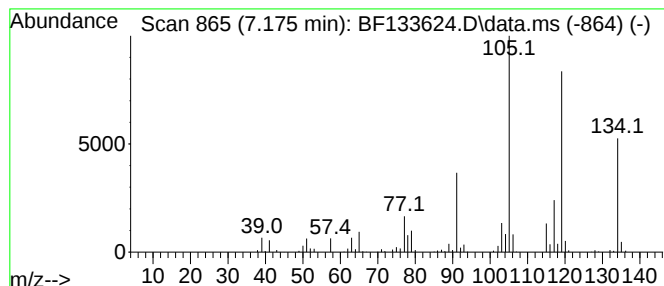
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	4.23 ng	183834	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5			Benzaldehyde, 3-ethyl-	134	C9H10O	034246-54-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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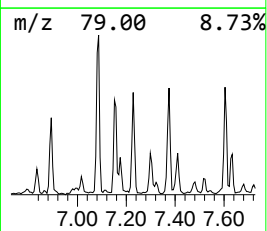
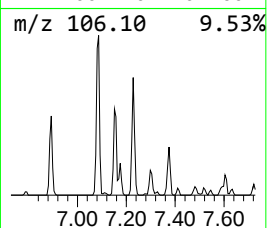
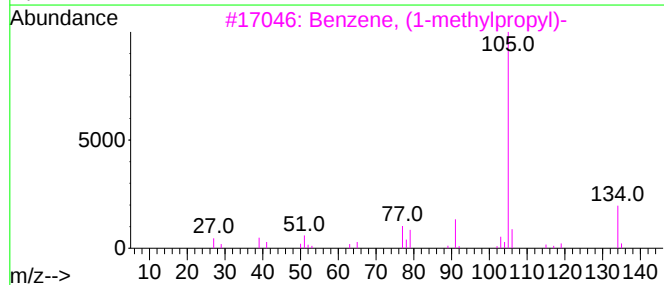
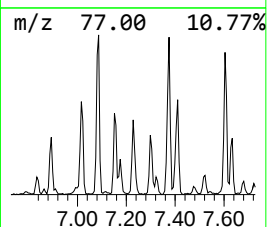
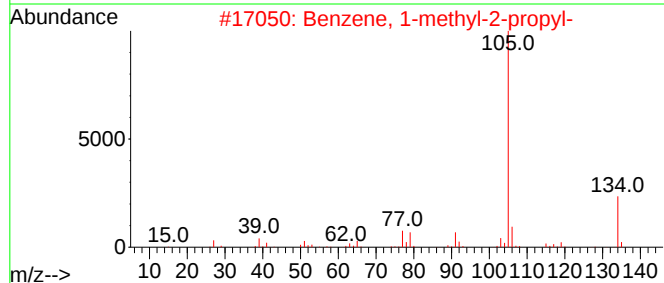
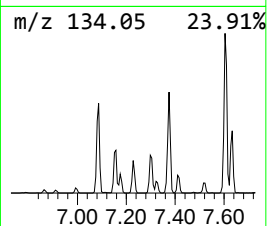
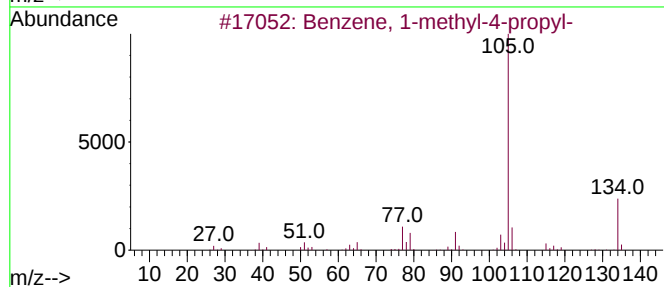
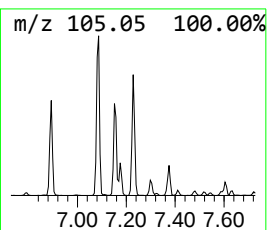
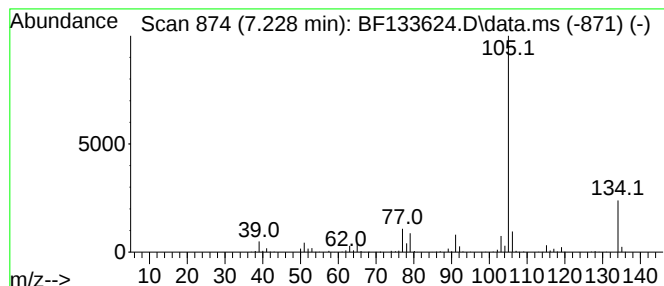
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	9.10 ng	395684	1,4-Dichlorobenzene-d4	6.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
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	74
5		2-Tolylloxirane	134	C9H10O	002783-26-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
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Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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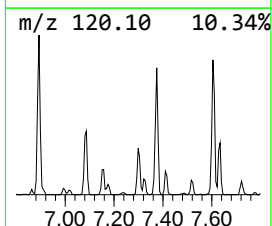
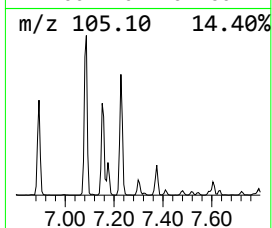
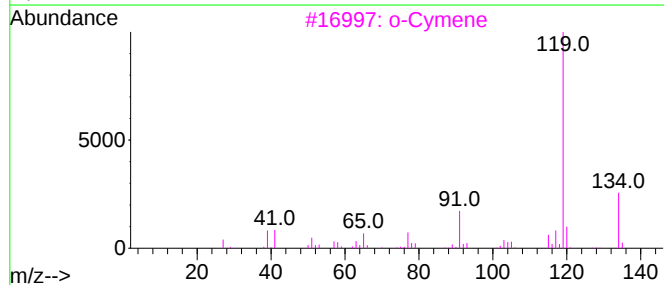
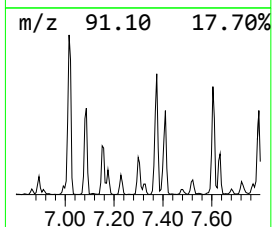
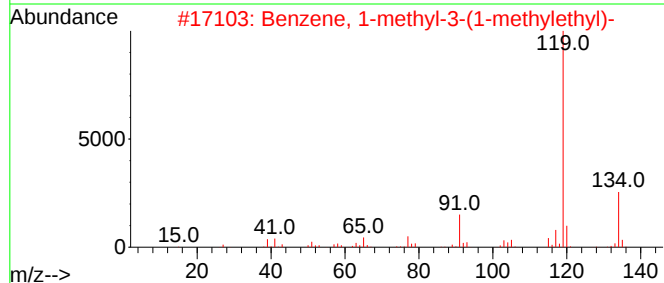
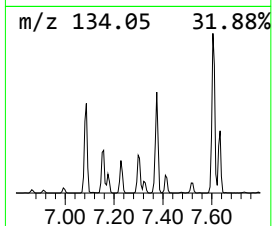
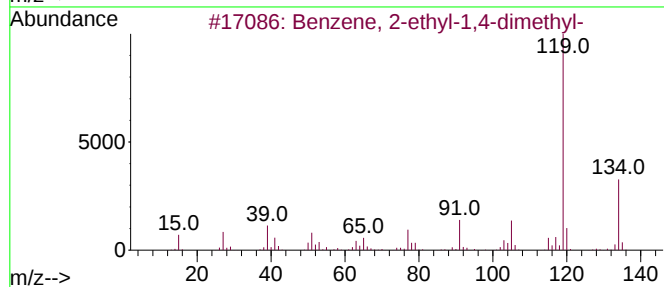
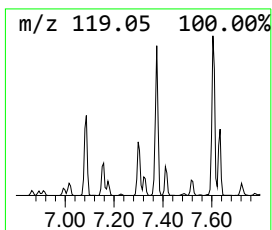
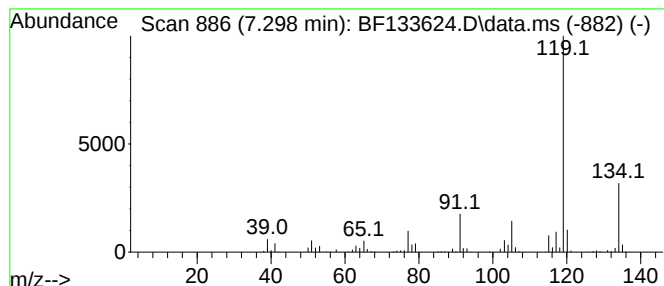
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.298	11.39 ng	495271	1,4-Dichlorobenzene-d4	6.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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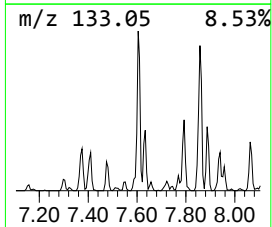
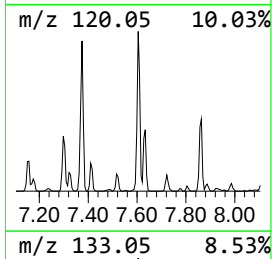
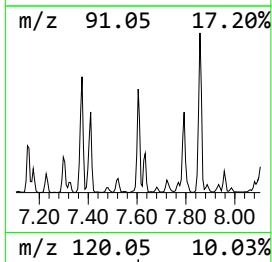
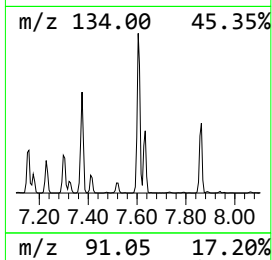
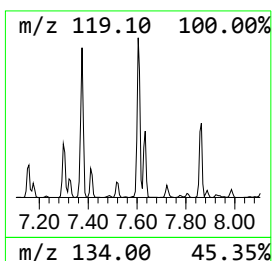
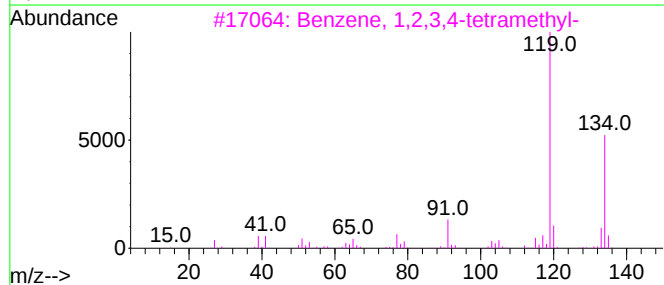
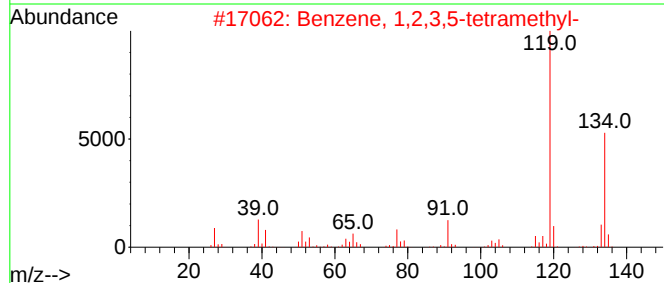
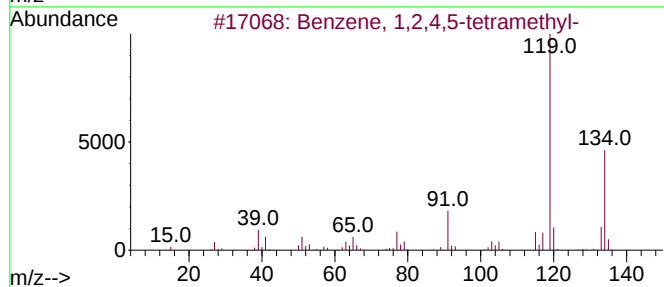
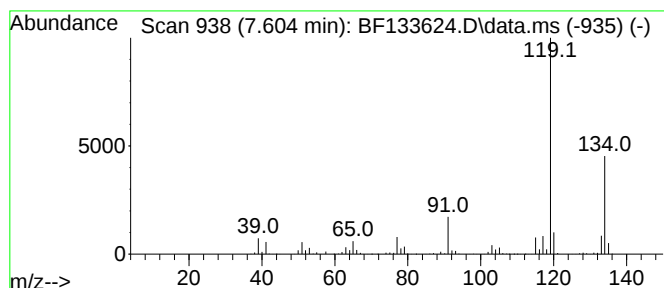
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	16.17 ng	1325130	Naphthalene-d8	8.122

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
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Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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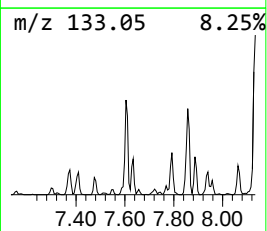
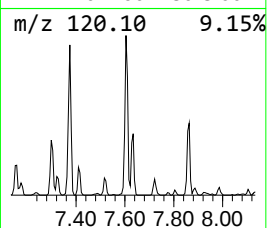
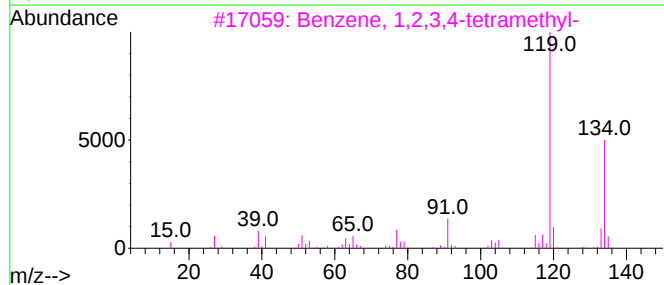
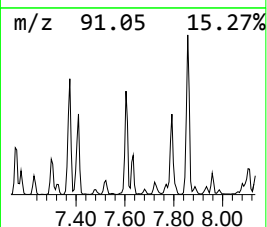
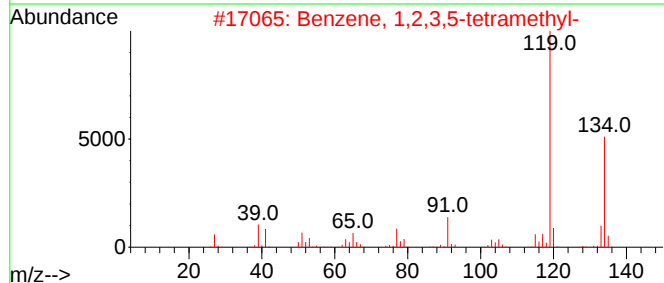
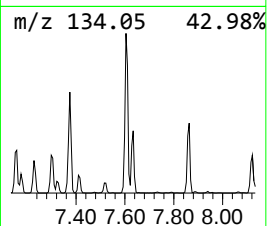
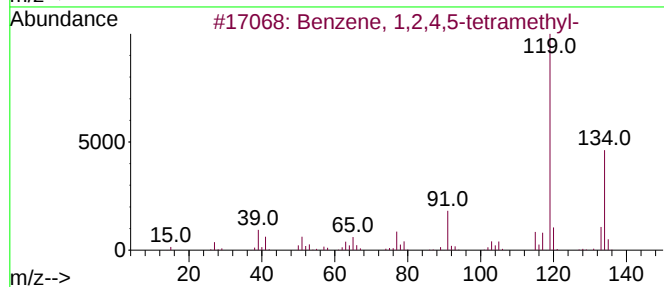
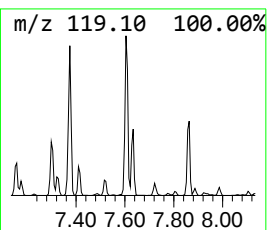
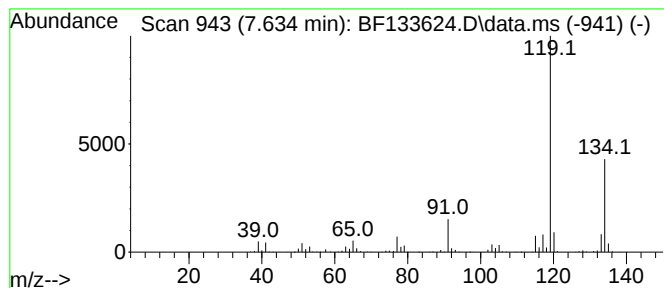
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	5.74 ng	470250	Naphthalene-d8	8.122

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-289

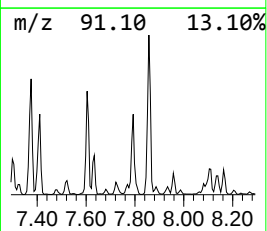
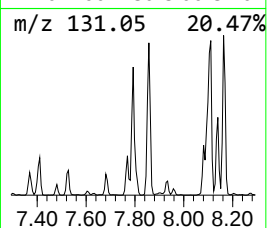
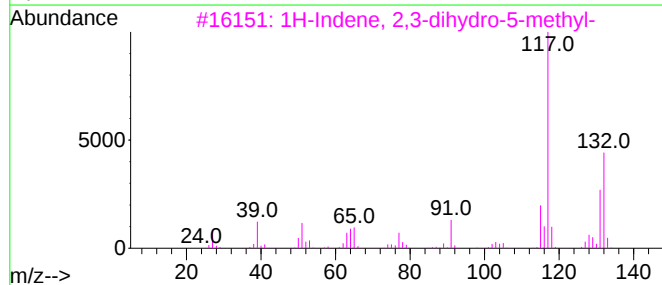
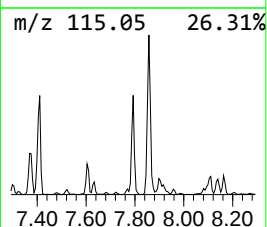
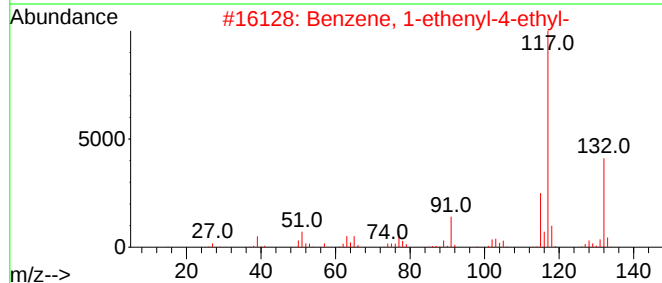
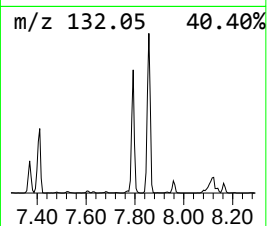
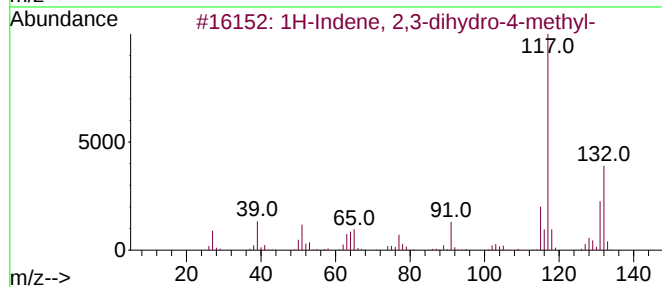
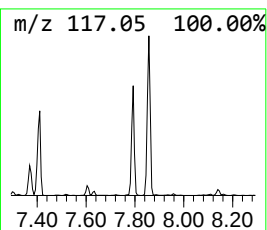
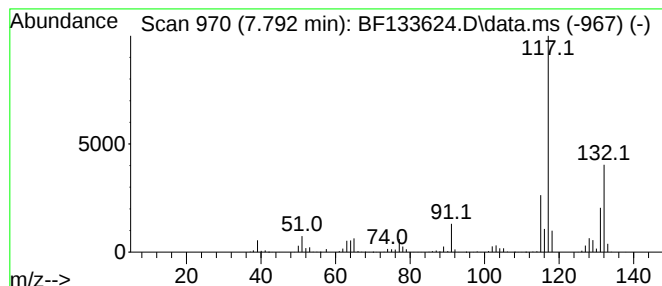
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	18.03 ng	1477720	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	95	
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94	
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93	
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90	
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-289

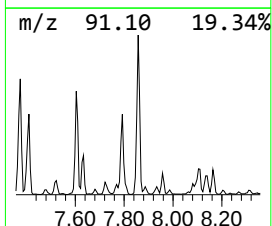
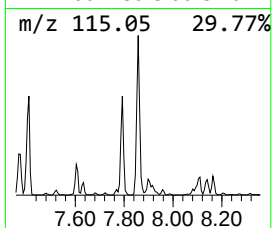
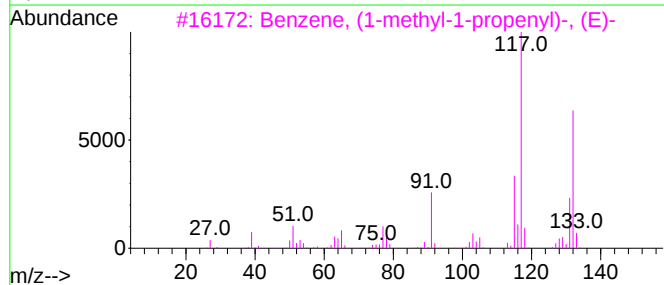
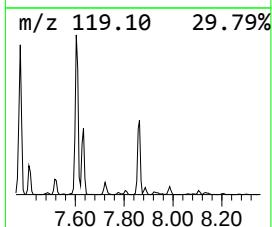
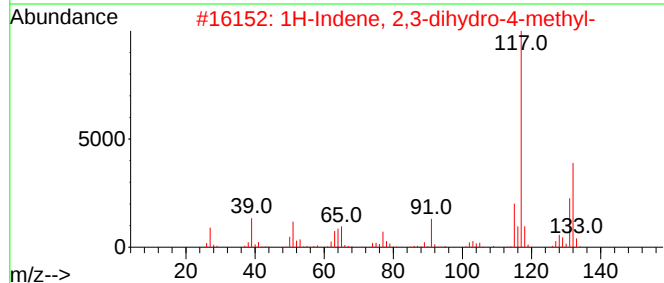
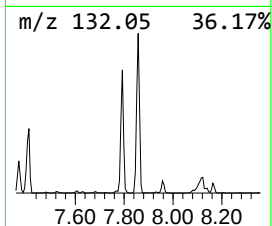
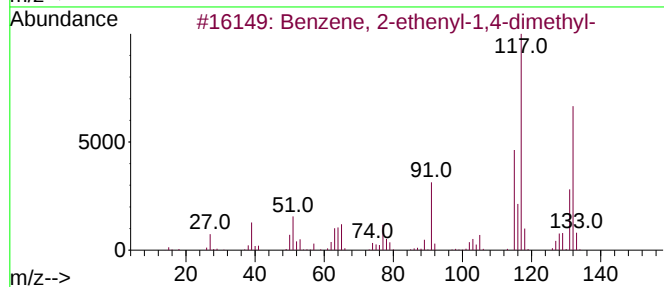
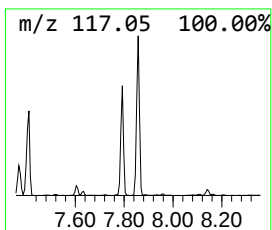
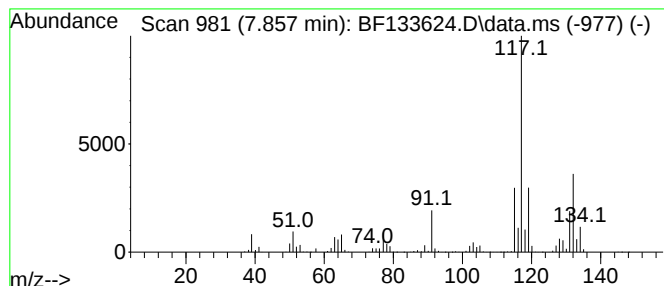
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	33.93 ng	2780220	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		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-289

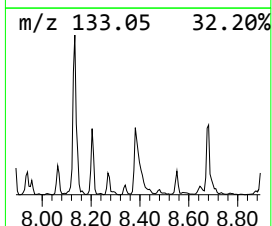
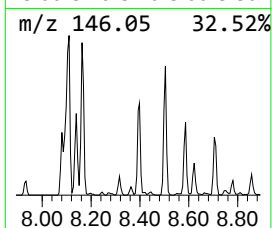
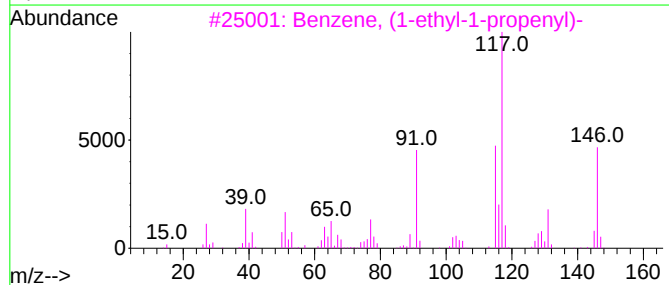
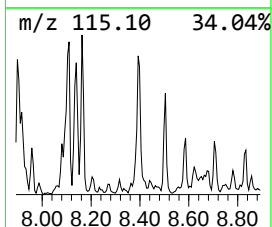
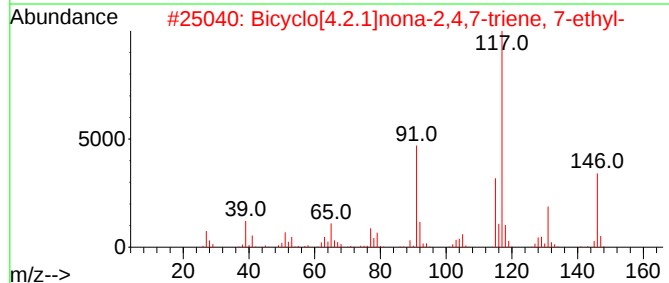
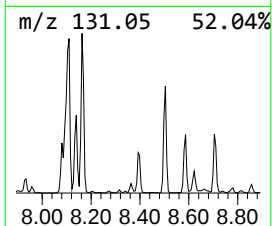
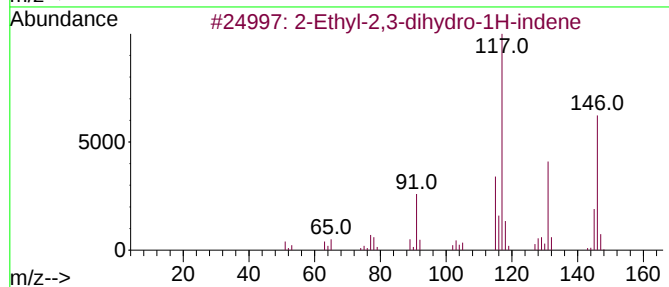
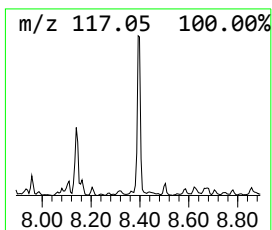
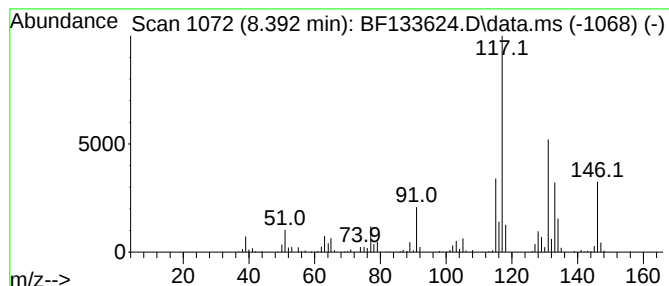
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	4.65 ng	381200	Naphthalene-d8	8.122

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	58
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	58
4		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	55
5		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-289

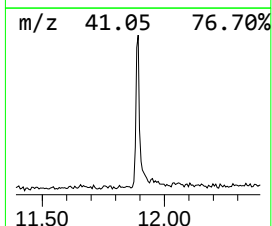
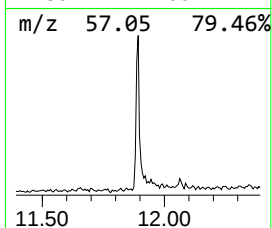
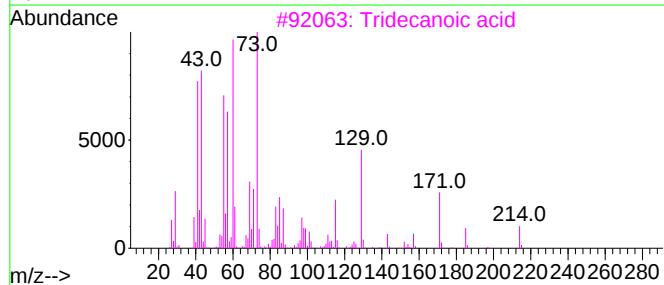
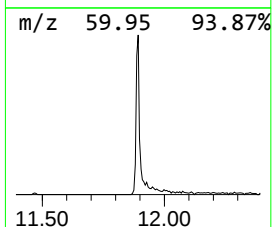
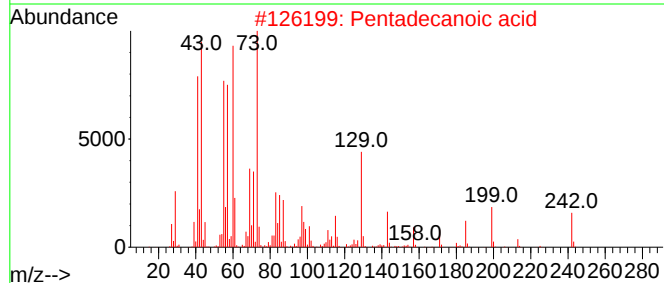
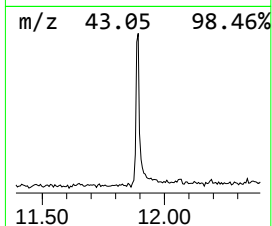
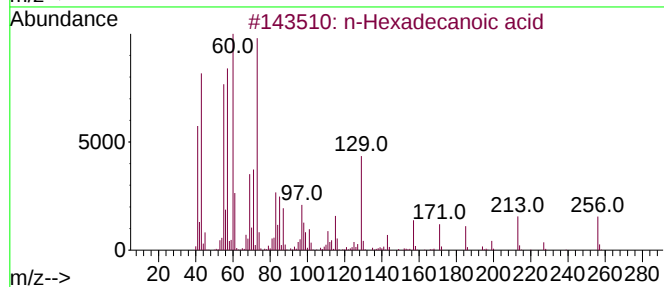
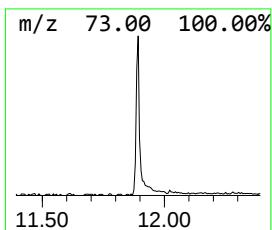
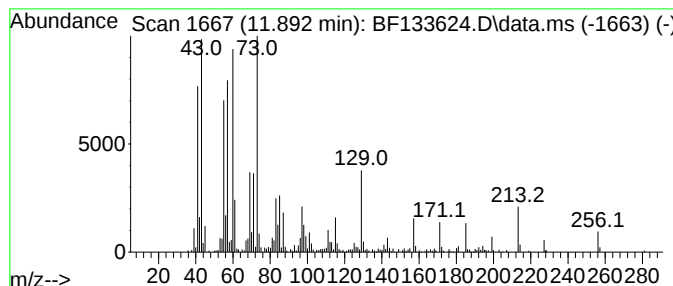
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.05 ng	297459	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133624.D
Acq On : 07 Jun 2023 14:47
Operator : CG\JU
Sample : 03019-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-289

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Methyl-3-hexene	2.481	4.6	ng	198947	1	6.834	869612	20.0
unknown3.669	3.669	6.7	ng	293064	1	6.834	869612	20.0
Di-sec-Butyl ether	4.357	13.2	ng	574084	1	6.834	869612	20.0
Butane, 1-(1-me...	4.440	10.5	ng	457771	1	6.834	869612	20.0
Benzene, 1-ethy...	6.393	5.1	ng	221338	1	6.834	869612	20.0
Benzene, 1-ethy...	6.522	25.6	ng	1114700	1	6.834	869612	20.0
Mesitylene	6.663	43.0	ng	1870100	1	6.834	869612	20.0
Benzene, 1,2,3-...	6.893	8.4	ng	367506	1	6.834	869612	20.0
Indane	7.016	56.1	ng	2441230	1	6.834	869612	20.0
Benzene, 1,3-di...	7.087	26.2	ng	1141030	1	6.834	869612	20.0
Benzene, 1,2-di...	7.151	14.7	ng	640646	1	6.834	869612	20.0
Benzene, 1,4-di...	7.175	4.2	ng	183834	1	6.834	869612	20.0
Benzene, 1-meth...	7.228	9.1	ng	395684	1	6.834	869612	20.0
Benzene, 2-ethy...	7.298	11.4	ng	495271	1	6.834	869612	20.0
Benzene, 1,2,4,...	7.604	16.2	ng	1325130	2	8.122	1638810	20.0
Benzene, 1,2,3,...	7.634	5.7	ng	470250	2	8.122	1638810	20.0
1H-Indene, 2,3-...	7.792	18.0	ng	1477720	2	8.122	1638810	20.0
3-Phenylbut-1-ene	7.857	33.9	ng	2780220	2	8.122	1638810	20.0
2-Ethyl-2,3-dih...	8.392	4.7	ng	381200	2	8.122	1638810	20.0
n-Hexadecanoic ...	11.892	6.0	ng	297459	4	11.363	982744	20.0