

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134445.D
 Acq On : 24 Jul 2023 23:55
 Operator : CG\JU
 Sample : 03668-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48719

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134445.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.934	133	144	145	rBV6	22041	42485	2.49%	0.193%
2	2.975	145	151	160	rVB	108135	222634	13.07%	1.012%
3	3.975	316	321	327	rBV	41815	59585	3.50%	0.271%
4	4.169	347	354	359	rBV2	63976	97149	5.70%	0.442%
5	4.316	372	379	383	rBV2	30334	47807	2.81%	0.217%
6	4.499	406	410	415	rBV2	65826	84394	4.96%	0.384%
7	4.599	422	427	433	rBV2	67826	85278	5.01%	0.388%
8	4.999	490	495	501	rVB2	96176	122453	7.19%	0.557%
9	5.051	501	504	509	rBV2	58667	78461	4.61%	0.357%
10	5.322	547	550	557	rVB	68276	72810	4.28%	0.331%
11	5.434	564	569	571	rBV2	53868	76744	4.51%	0.349%
12	5.469	571	575	583	rVB	637815	615236	36.13%	2.796%
13	5.687	609	612	615	rBV2	48266	51222	3.01%	0.233%
14	6.004	656	666	673	rBV2	109743	154161	9.05%	0.701%
15	6.293	713	715	721	rVB	61433	54752	3.22%	0.249%
16	6.357	723	726	729	rBV	87148	76762	4.51%	0.349%
17	6.387	729	731	736	rVB	68481	62246	3.66%	0.283%
18	6.434	736	739	742	rVB	99216	78561	4.61%	0.357%
19	6.475	742	746	750	rBV	342419	342416	20.11%	1.556%
20	6.516	750	753	760	rVB	227893	197103	11.57%	0.896%
21	6.569	760	762	767	rBV	52507	42819	2.51%	0.195%
22	6.781	793	798	803	rBV2	44555	61889	3.63%	0.281%
23	6.834	803	807	810	rVV	459307	382391	22.46%	1.738%
24	6.857	810	811	813	rVV	68026	41555	2.44%	0.189%
25	6.887	813	816	822	rVV2	259566	256745	15.08%	1.167%
26	6.987	826	833	834	rBV	55833	45255	2.66%	0.206%
27	7.010	834	837	842	rVB	279202	219557	12.89%	0.998%
28	7.075	845	848	851	rBV	199553	162669	9.55%	0.739%
29	7.104	851	853	857	rVB	63787	49733	2.92%	0.226%
30	7.145	857	860	862	rBV	167933	130648	7.67%	0.594%
31	7.169	862	864	867	rVV	82900	62529	3.67%	0.284%
32	7.222	870	873	876	rBV	78089	63060	3.70%	0.287%
33	7.363	893	897	900	rBV	516041	441701	25.94%	2.008%
34	7.398	900	903	906	rVV	1326557	1103257	64.79%	5.015%
35	7.469	912	915	919	rVB2	77750	79463	4.67%	0.361%
36	7.510	919	922	925	rBV2	99665	87456	5.14%	0.398%

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37	7.598	934	937	939	rVV	268452	211929	12.45%	0.963%
38	7.622	939	941	944	rVV	148428	110845	6.51%	0.504%
39	7.757	962	964	966	rVV2	107482	101443	5.96%	0.461%
40	7.781	966	968	974	rVB	174616	165312	9.71%	0.751%

41	7.845	974	979	983	rBV2	929681	864941	50.79%	3.931%
42	7.881	983	985	987	rVV	48244	45894	2.70%	0.209%
43	7.928	988	993	994	rVV4	56940	75235	4.42%	0.342%
44	7.951	994	997	999	rVV	248965	201436	11.83%	0.916%
45	7.975	999	1001	1005	rVB	64812	59788	3.51%	0.272%

46	8.051	1009	1014	1016	rBV4	35293	49675	2.92%	0.226%
47	8.110	1016	1024	1026	rVV2	515697	710793	41.74%	3.231%
48	8.128	1026	1027	1030	rVV2	246764	224677	13.19%	1.021%
49	8.157	1030	1032	1035	rVV	196874	155882	9.15%	0.709%
50	8.198	1035	1039	1042	rVB2	70103	66365	3.90%	0.302%

51	8.263	1047	1050	1052	rBV	64914	51754	3.04%	0.235%
52	8.304	1055	1057	1060	rVB2	79755	63930	3.75%	0.291%
53	8.351	1063	1065	1067	rVV	77592	66028	3.88%	0.300%
54	8.387	1067	1071	1077	rVB3	133274	164015	9.63%	0.746%
55	8.492	1086	1089	1094	rVB	165225	132867	7.80%	0.604%

56	8.575	1100	1103	1106	rVV	193105	171921	10.10%	0.781%
57	8.616	1106	1110	1115	rVV2	179514	213926	12.56%	0.972%
58	8.669	1115	1119	1121	rVV2	74791	72137	4.24%	0.328%
59	8.698	1121	1124	1128	rVV2	133875	123635	7.26%	0.562%
60	8.739	1128	1131	1133	rVV	36383	42235	2.48%	0.192%

61	8.769	1133	1136	1140	rVB2	183189	162936	9.57%	0.741%
62	8.828	1143	1146	1149	rVB	552863	455060	26.72%	2.068%
63	8.928	1155	1163	1166	rBV	738775	755980	44.39%	3.436%
64	8.951	1166	1167	1174	rVV2	58827	73583	4.32%	0.334%
65	9.187	1204	1207	1211	rVV	1806444	1574681	92.47%	7.158%

66	9.334	1229	1232	1234	rBV2	70907	56600	3.32%	0.257%
67	9.363	1234	1237	1239	rBV2	55766	53639	3.15%	0.244%
68	9.386	1239	1241	1248	rVB	104659	133486	7.84%	0.607%
69	9.451	1248	1252	1256	rBV	298857	417218	24.50%	1.896%
70	9.528	1261	1265	1268	rVV	670253	717405	42.13%	3.261%

71	9.557	1268	1270	1273	rVB	500098	392513	23.05%	1.784%
72	9.645	1281	1285	1286	rBV	263344	218364	12.82%	0.993%
73	9.663	1286	1288	1290	rVB	173807	137843	8.09%	0.627%
74	9.728	1296	1299	1303	rVB	155326	124493	7.31%	0.566%
75	9.869	1317	1323	1327	rBV	591876	546923	32.12%	2.486%

76	9.904	1327	1329	1332	rVB2	99523	89211	5.24%	0.405%
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77	9.969	1335	1340	1345	rVB4	71375	115436	6.78%	0.525%
78	10.069	1354	1357	1361	rVV2	149289	178034	10.45%	0.809%
79	10.110	1361	1364	1368	rVB	129375	116821	6.86%	0.531%
80	10.186	1374	1377	1380	rBV	158195	156640	9.20%	0.712%
81	10.216	1380	1382	1384	rVV	99548	72148	4.24%	0.328%
82	10.275	1386	1392	1394	rVV2	89784	140976	8.28%	0.641%
83	10.298	1394	1396	1400	rVB	86775	72575	4.26%	0.330%
84	10.369	1402	1408	1412	rVV3	74448	95073	5.58%	0.432%
85	10.416	1412	1416	1422	rVV2	114236	151270	8.88%	0.688%
86	10.486	1422	1428	1433	rVV	205815	245227	14.40%	1.115%
87	10.533	1433	1436	1438	rVV	40838	45939	2.70%	0.209%
88	10.586	1438	1445	1448	rVB3	55719	91172	5.35%	0.414%
89	10.663	1455	1458	1465	rBV	1150248	1136680	66.75%	5.167%
90	10.786	1476	1479	1485	rVB	38634	41998	2.47%	0.191%
91	10.863	1485	1492	1494	rBV4	30858	54448	3.20%	0.247%
92	10.892	1494	1497	1500	rBV4	37258	48796	2.87%	0.222%
93	10.998	1512	1515	1519	rBV	92245	81539	4.79%	0.371%
94	11.363	1574	1577	1580	rBV	541790	469223	27.55%	2.133%
95	11.480	1593	1597	1602	rBV	69398	75255	4.42%	0.342%
96	11.898	1665	1668	1672	rVV2	118194	148467	8.72%	0.675%
97	12.963	1845	1849	1852	rBV	2009144	1702890	100.00%	7.740%
98	13.874	1999	2004	2014	rBV3	34842	70632	4.15%	0.321%
99	14.027	2026	2030	2036	rVB	481687	413040	24.26%	1.877%
100	15.527	2281	2285	2293	rBV	281140	366475	21.52%	1.666%

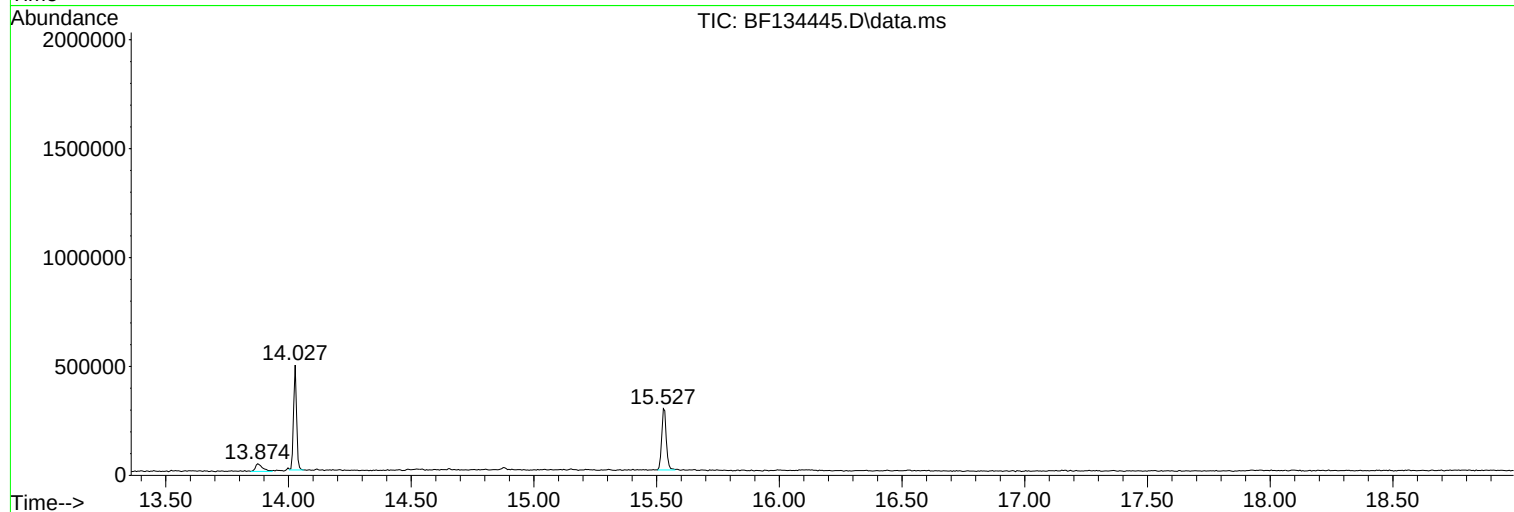
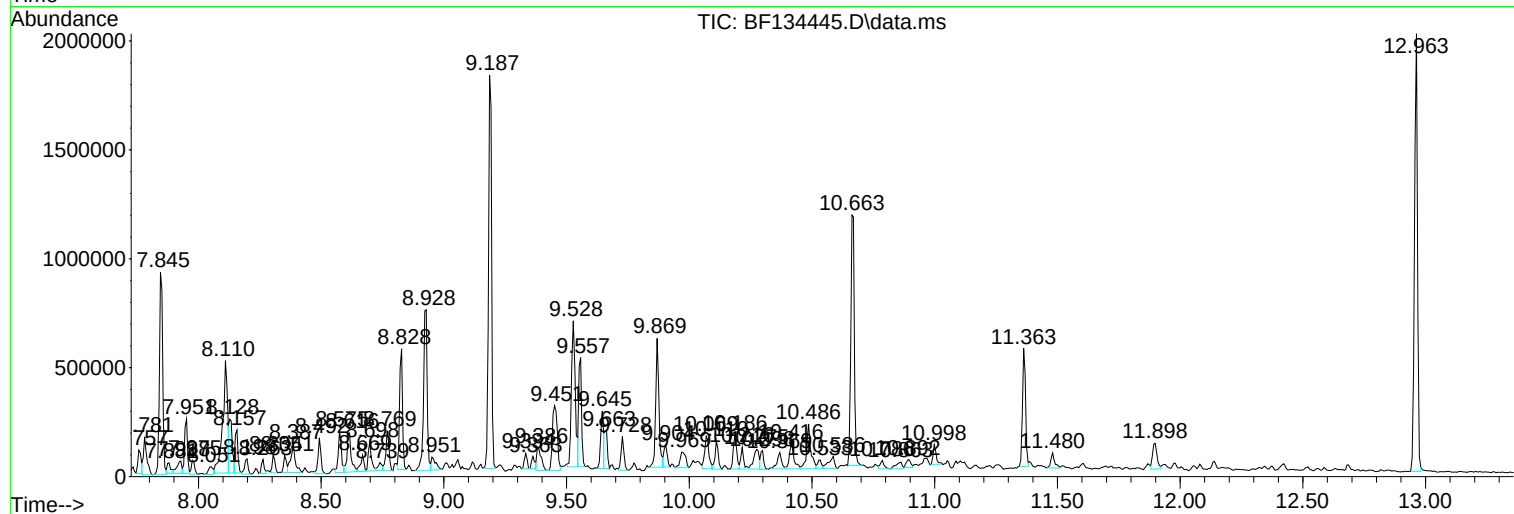
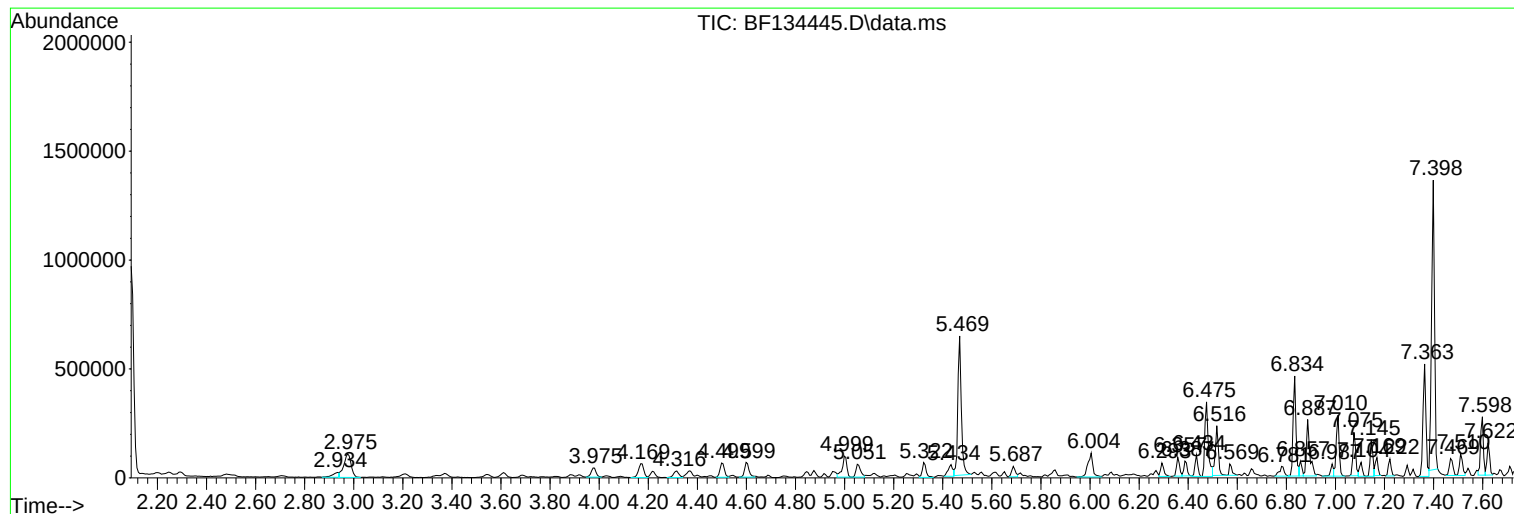
Sum of corrected areas: 22000338

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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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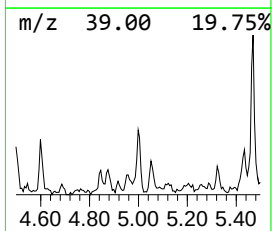
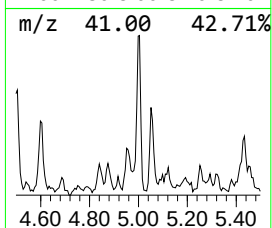
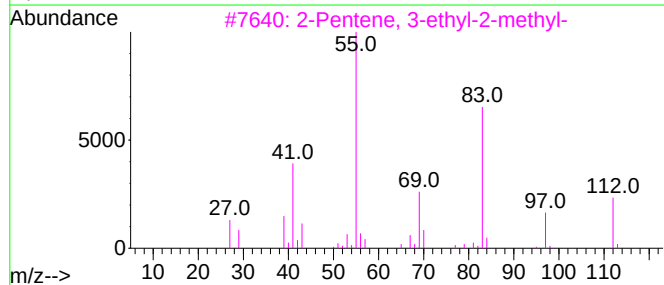
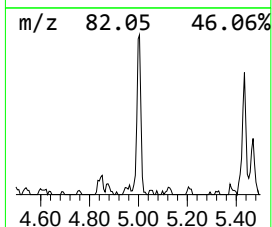
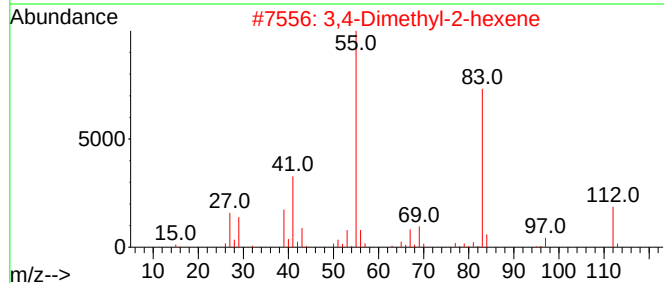
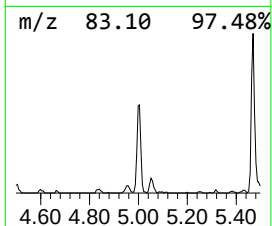
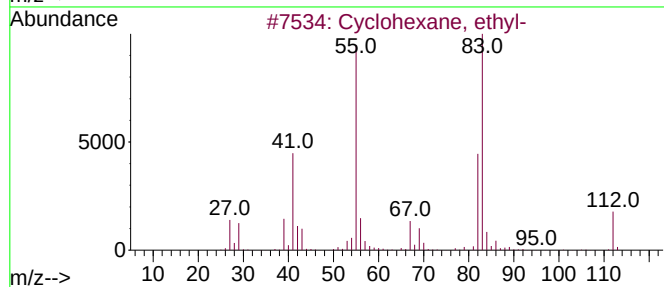
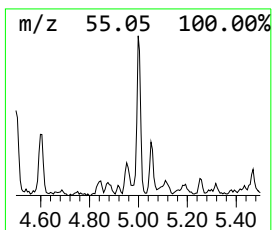
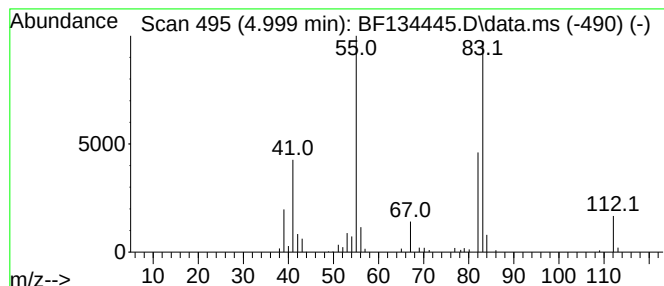
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.999	6.40 ng	122453	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	68
3			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	64
4			3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	64
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	59



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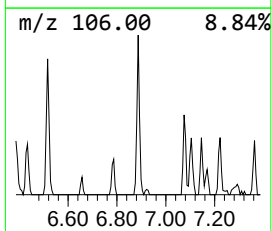
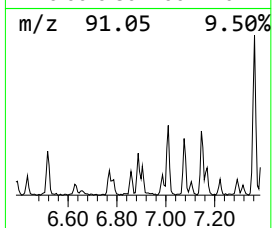
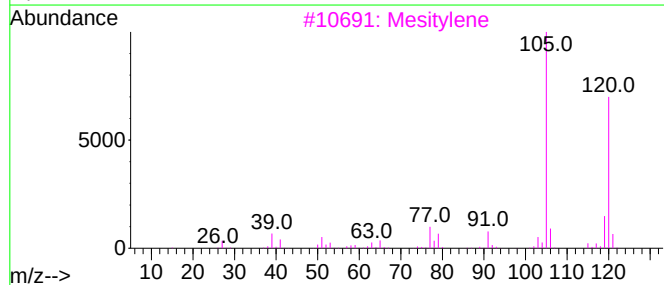
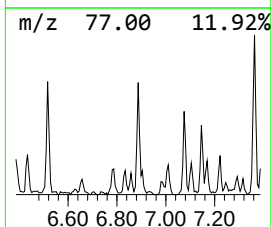
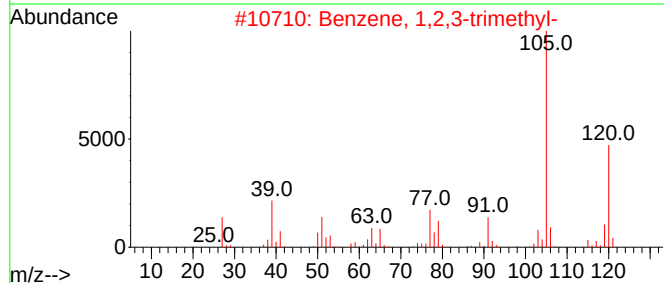
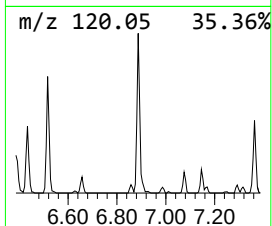
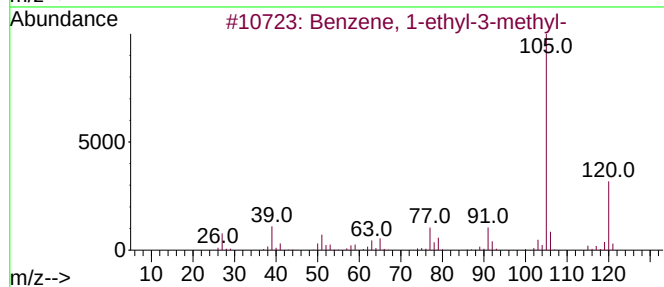
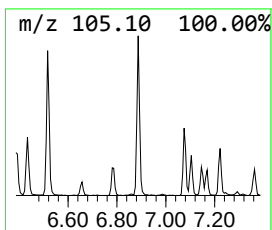
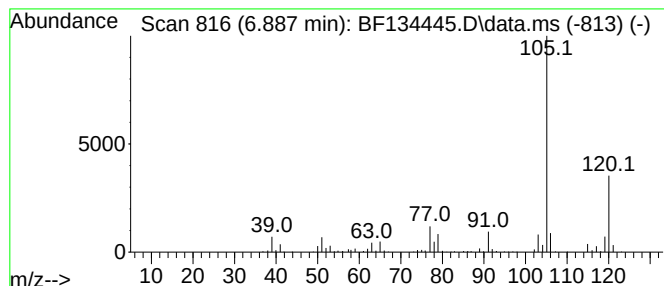
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	13.43 ng	256745	1,4-Dichlorobenzene-d4	6.834

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



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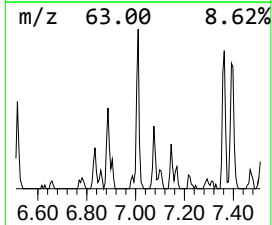
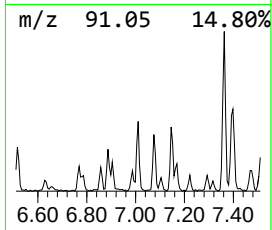
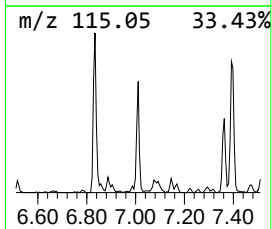
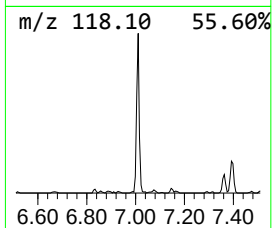
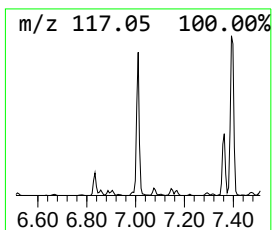
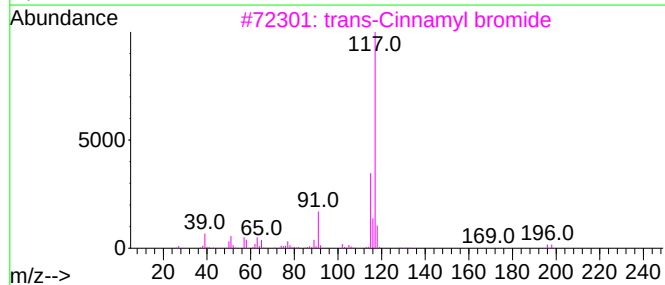
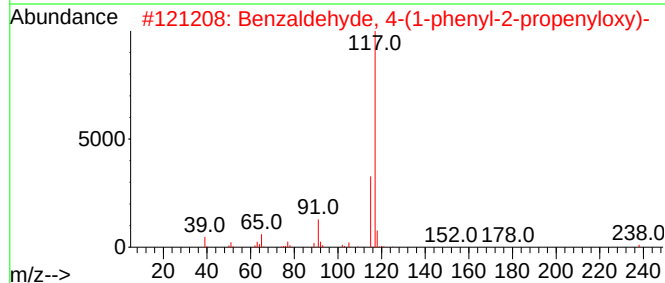
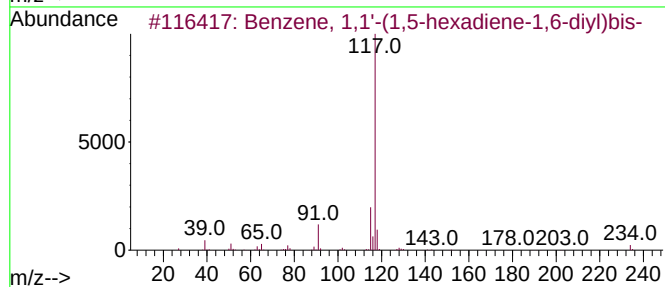
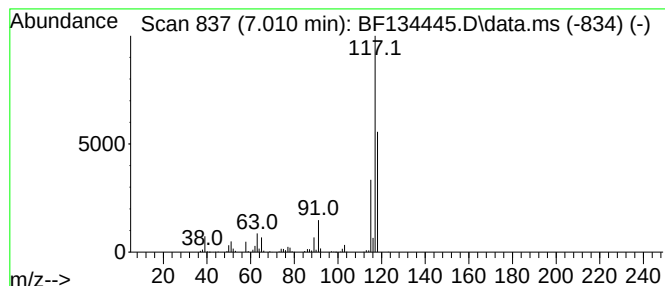
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	11.48 ng	219557	1,4-Dichlorobenzene-d4	6.834

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			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4			Indole	117	C8H7N	000120-72-9	43
5			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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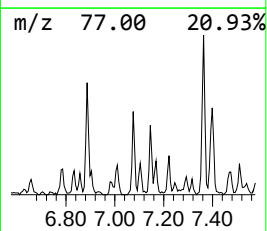
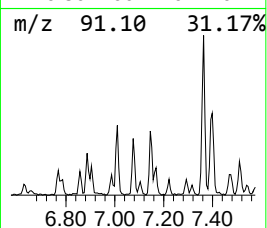
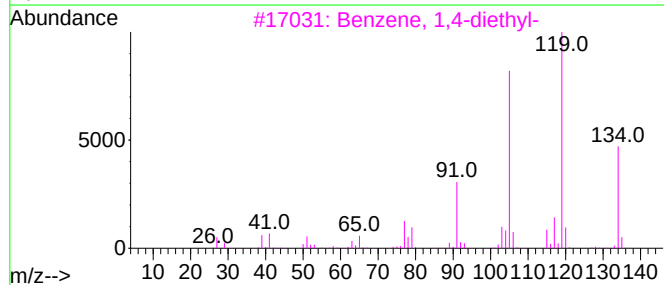
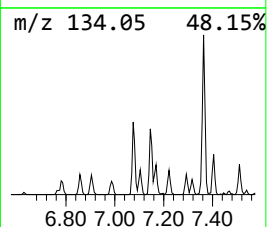
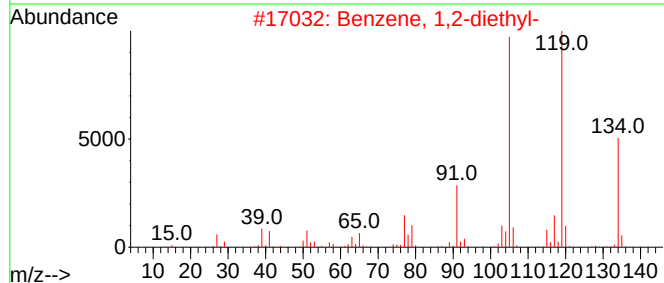
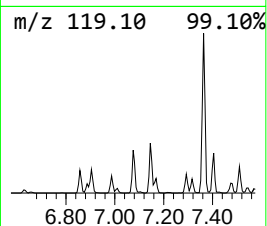
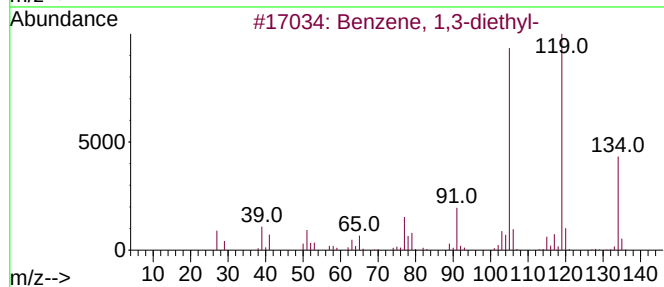
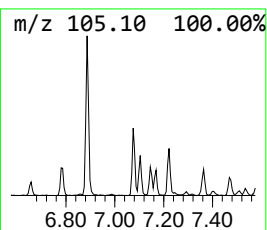
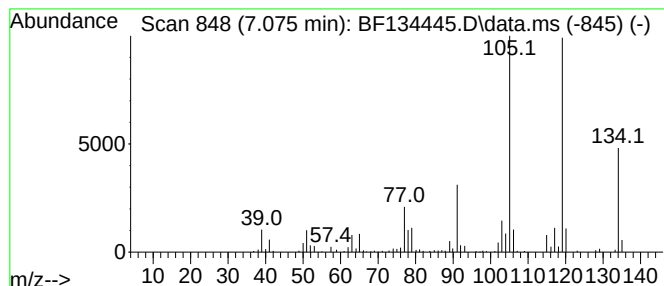
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	8.51 ng	162669	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	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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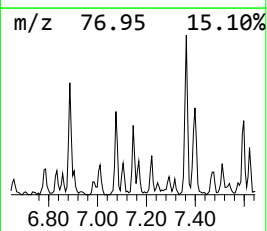
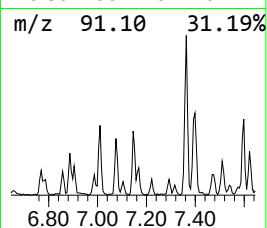
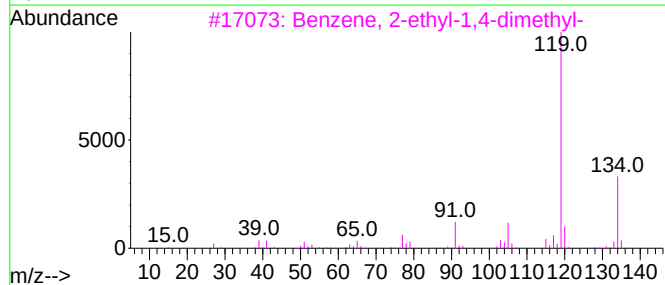
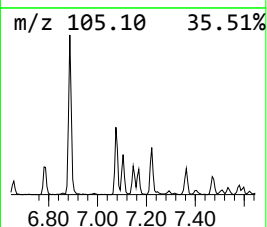
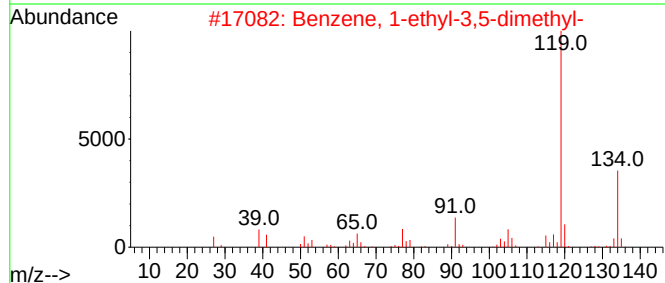
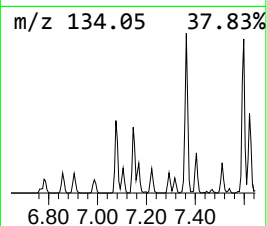
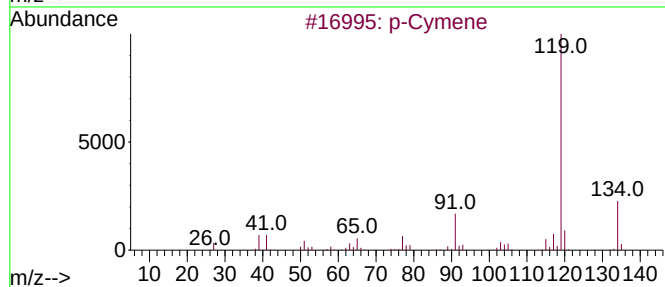
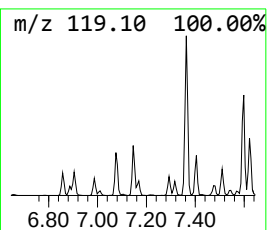
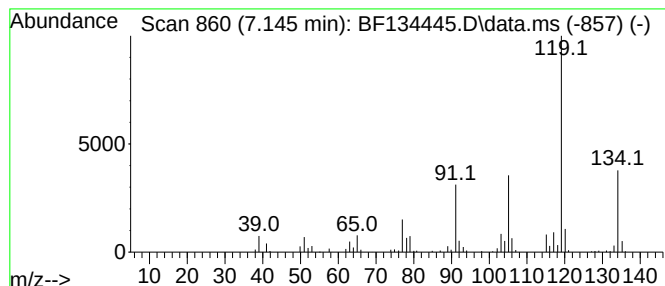
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	6.83 ng	130648	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
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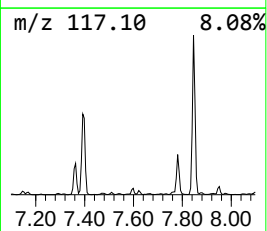
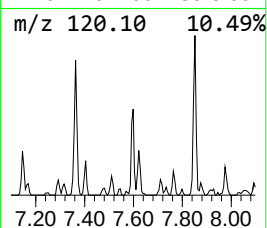
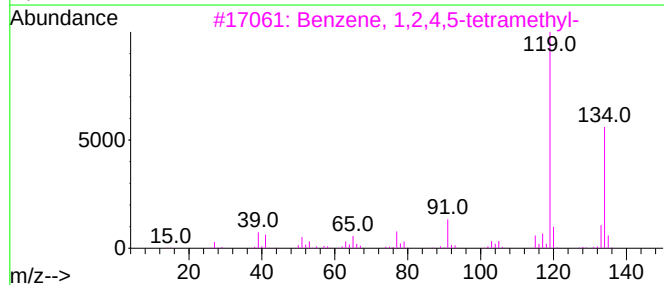
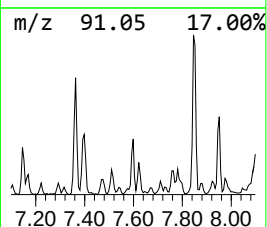
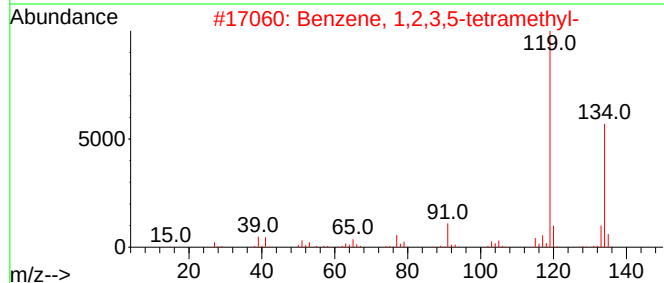
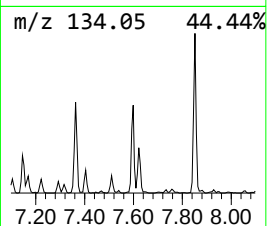
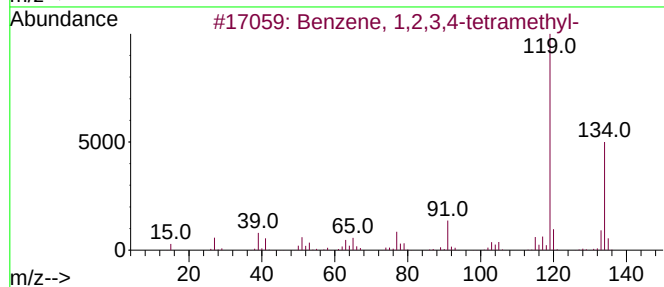
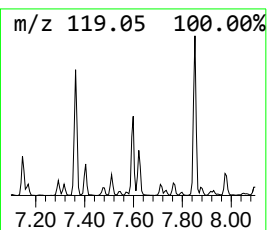
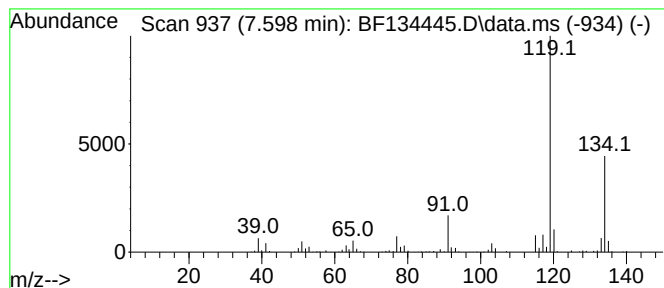
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	5.96 ng	211929	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			p-Cymene	134	C10H14	000099-87-6	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
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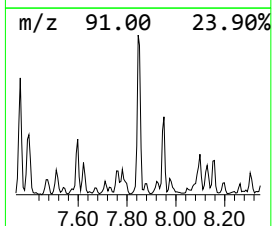
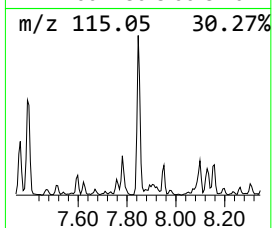
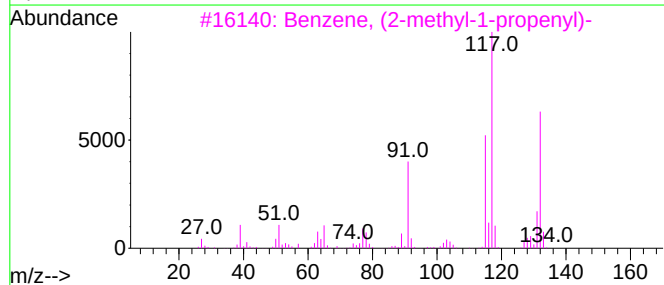
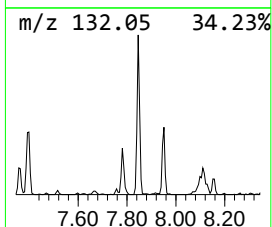
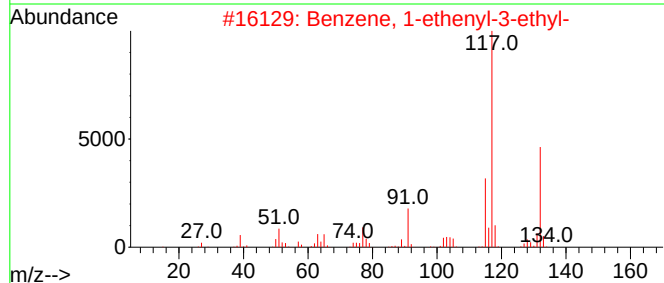
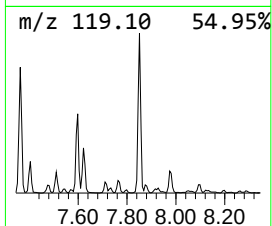
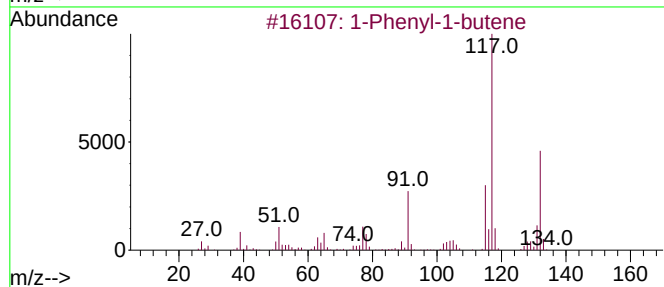
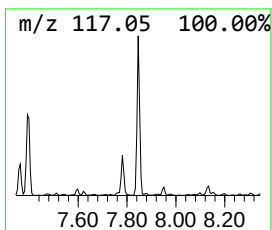
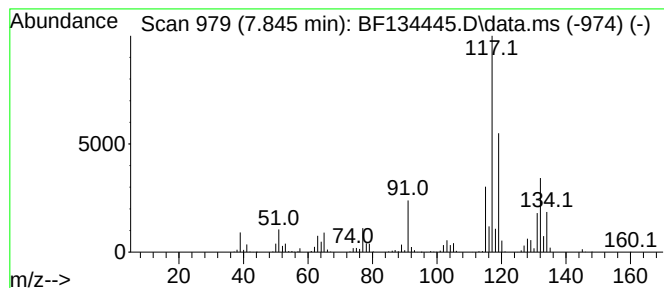
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	24.34 ng	864941	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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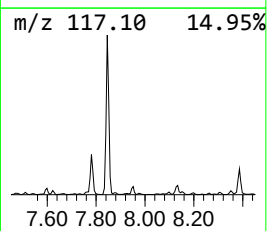
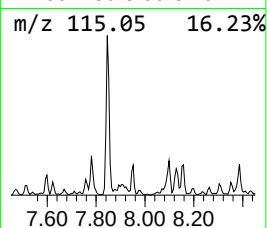
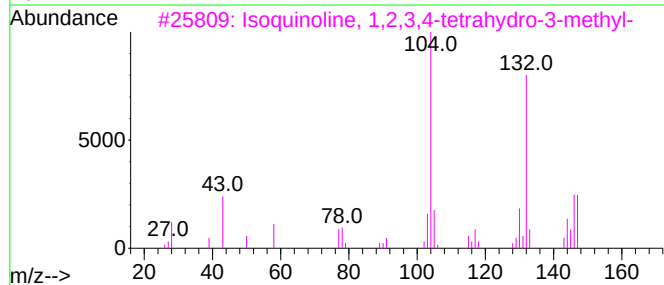
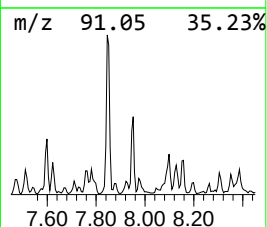
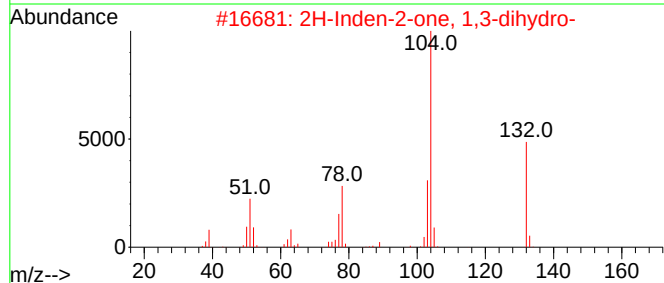
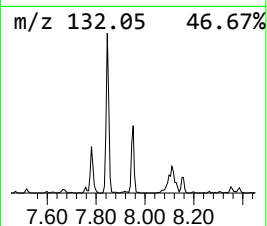
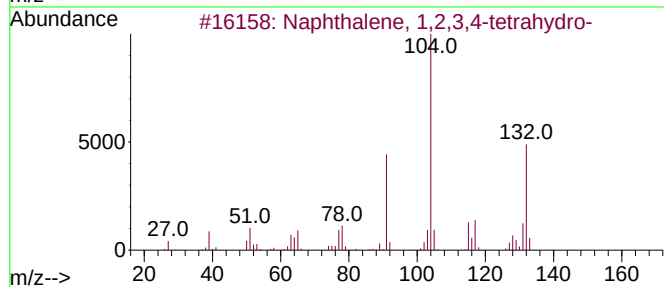
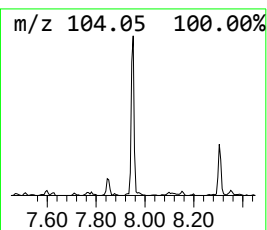
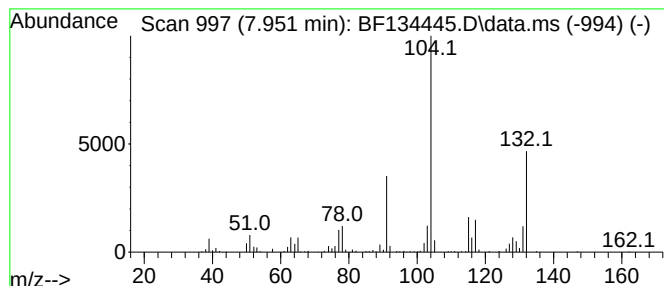
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.951	5.67 ng	201436	Naphthalene-d8	8.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	50
4		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46



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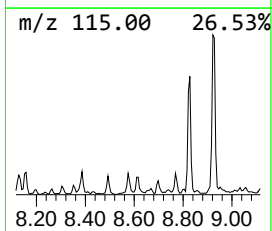
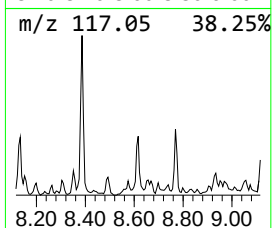
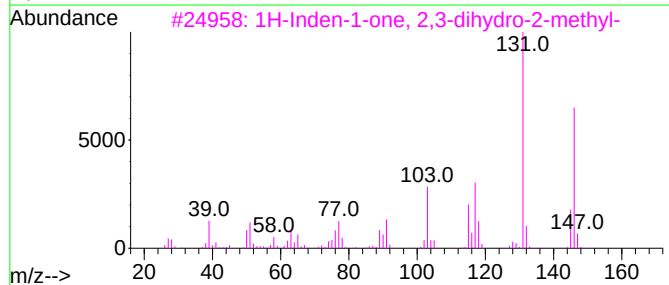
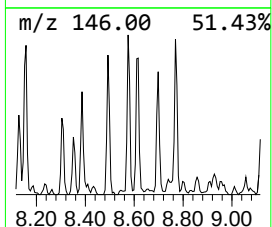
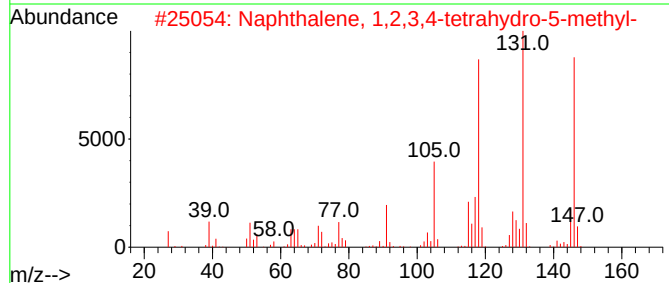
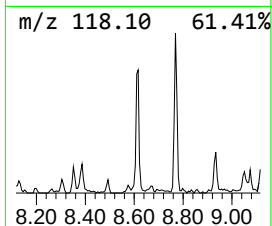
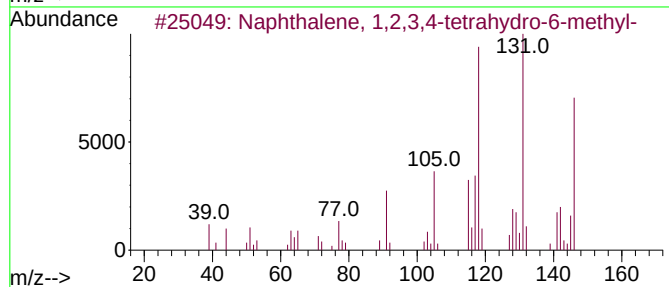
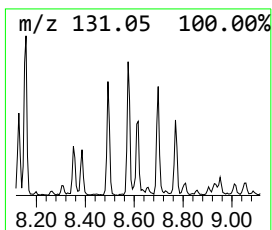
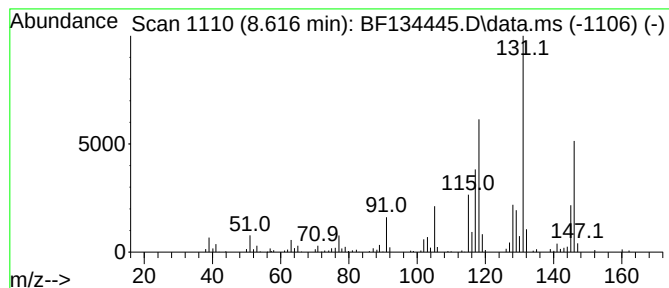
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.616	6.02 ng	213926	Naphthalene-d8	8.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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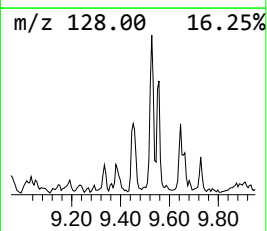
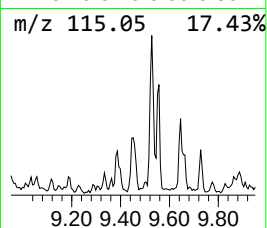
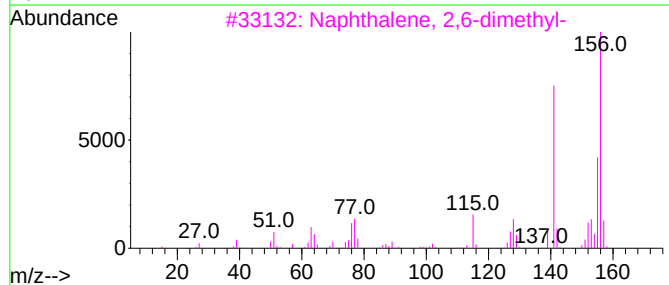
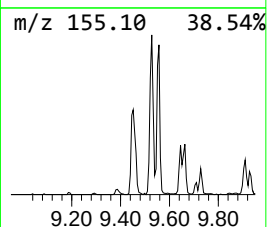
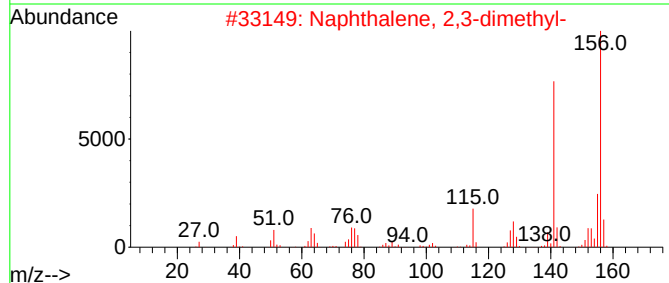
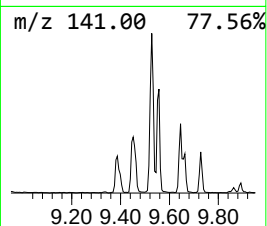
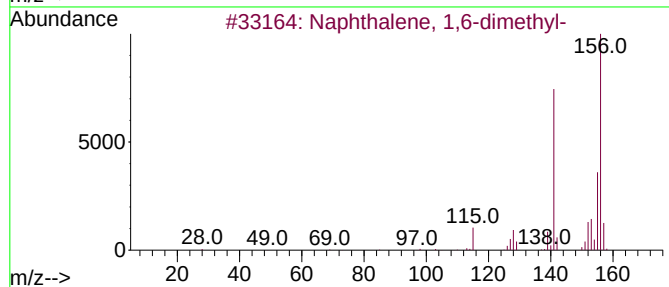
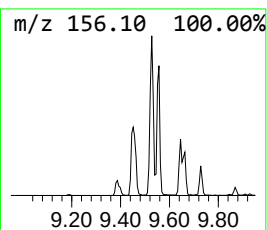
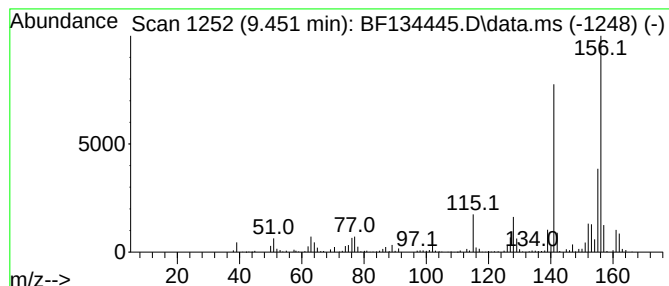
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	15.26 ng	417218	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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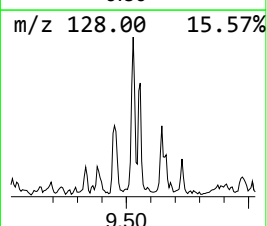
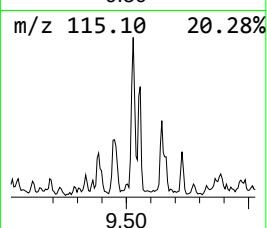
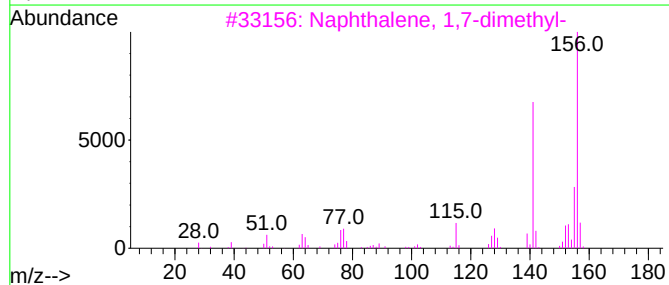
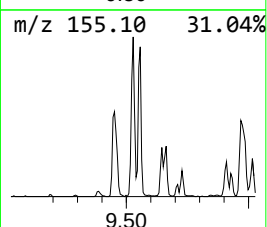
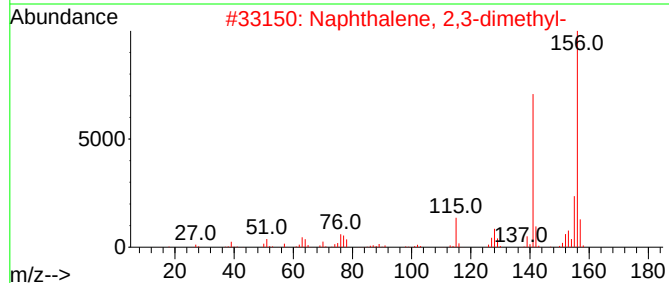
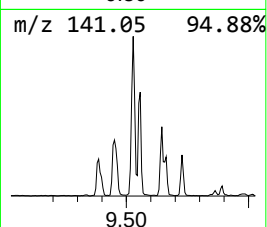
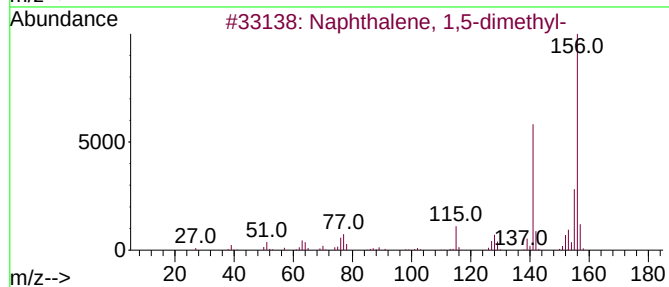
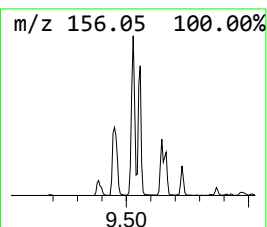
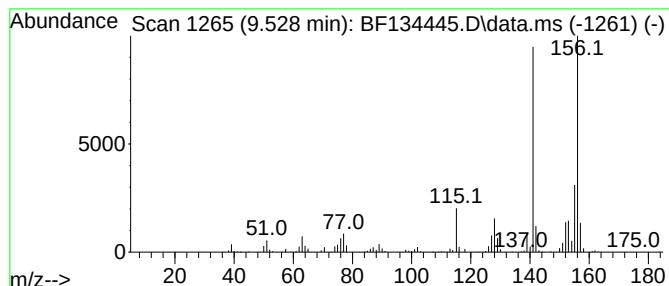
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	26.23 ng	717405	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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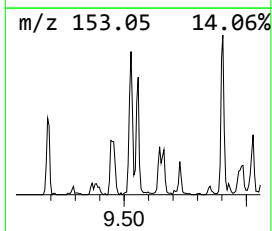
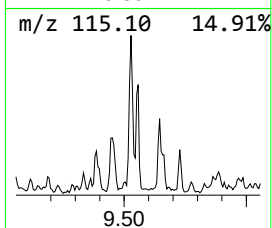
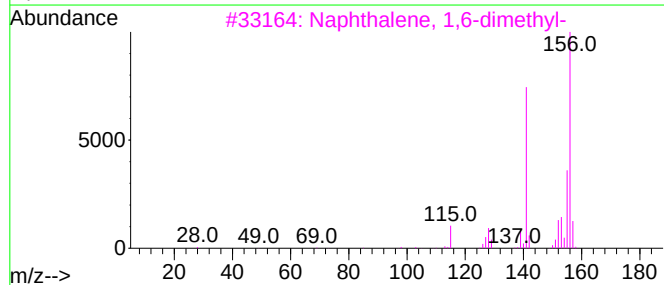
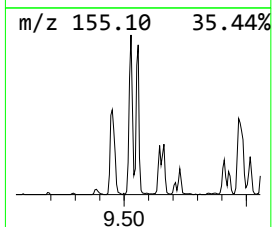
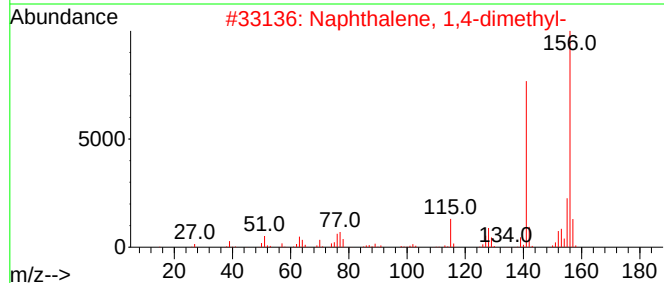
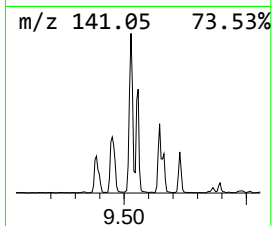
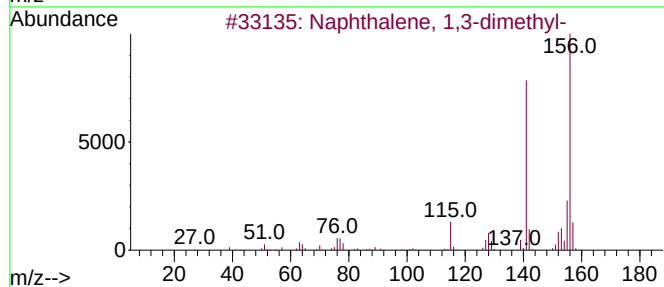
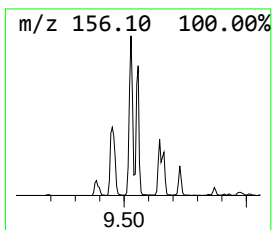
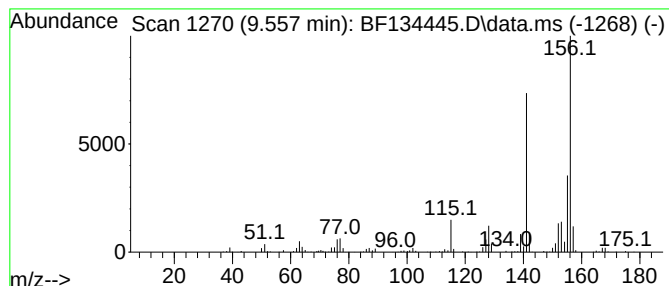
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	14.35 ng	392513	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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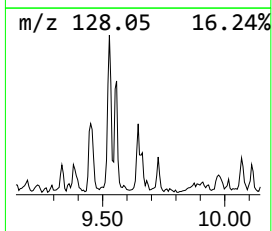
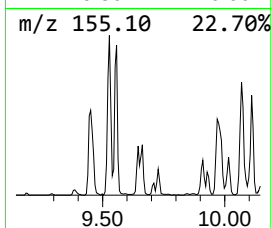
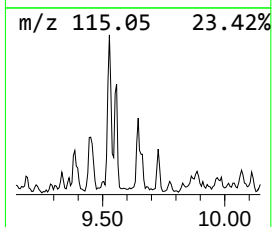
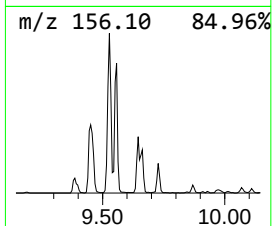
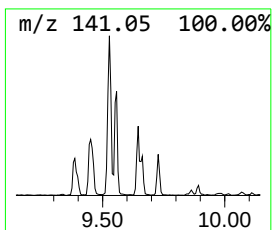
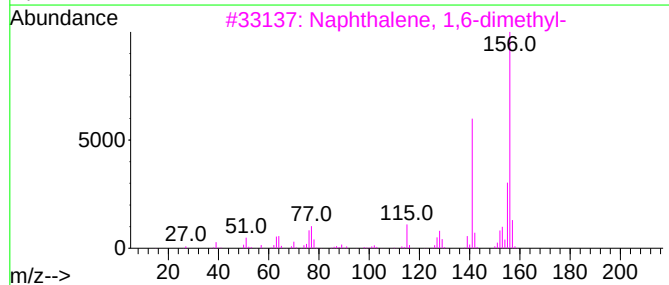
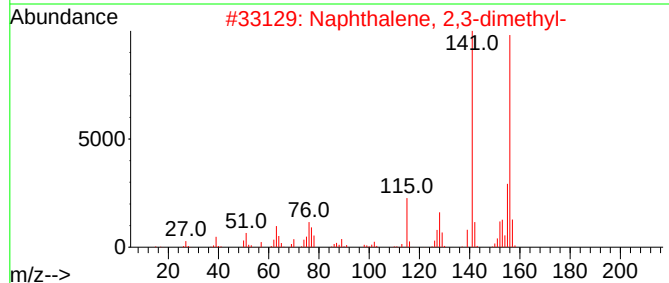
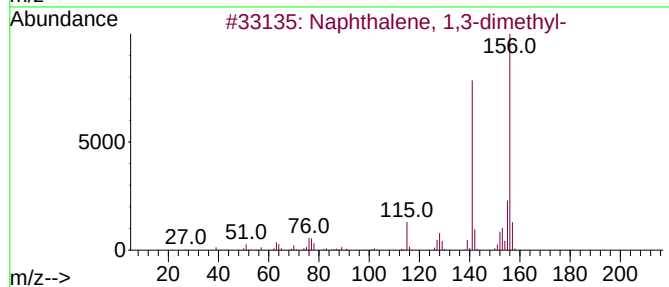
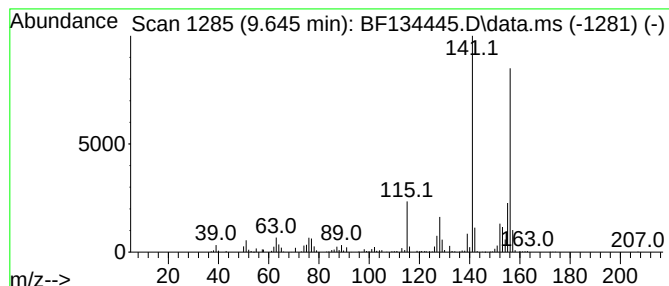
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	7.99 ng	218364	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

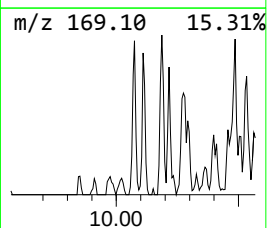
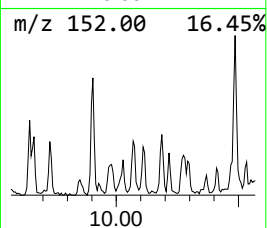
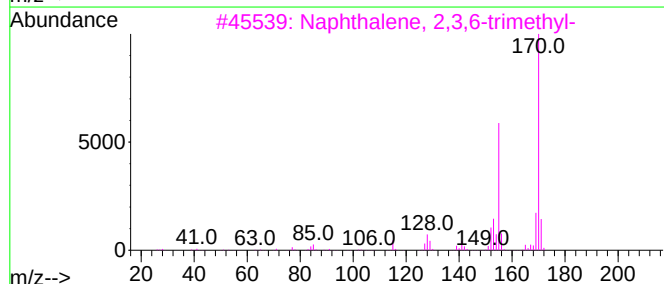
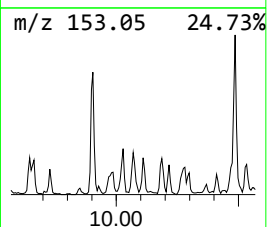
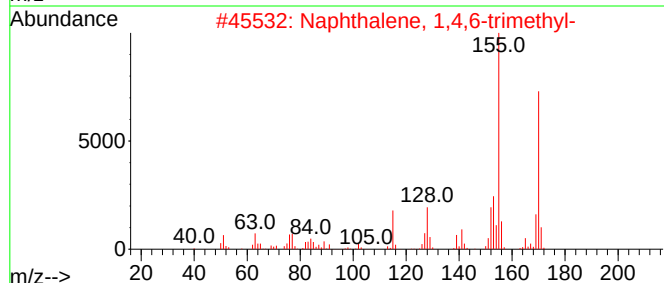
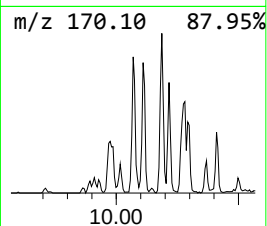
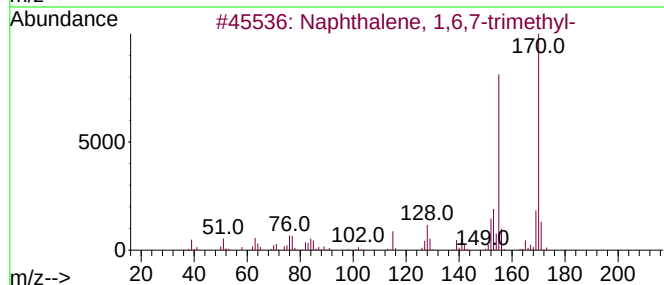
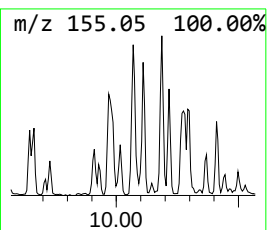
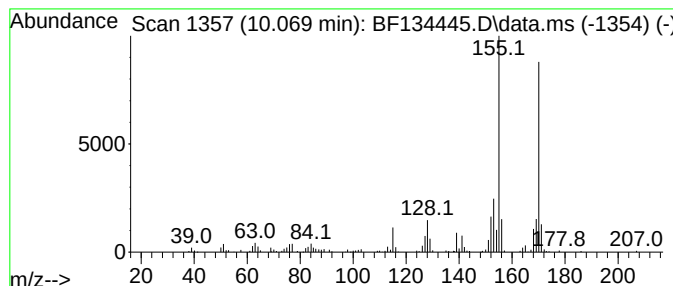
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.069	6.51 ng	178034	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

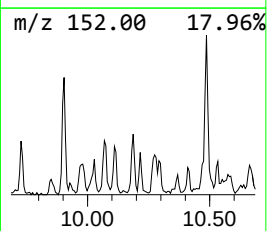
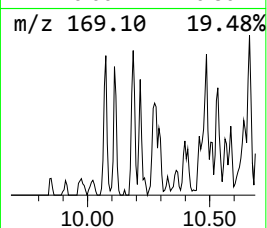
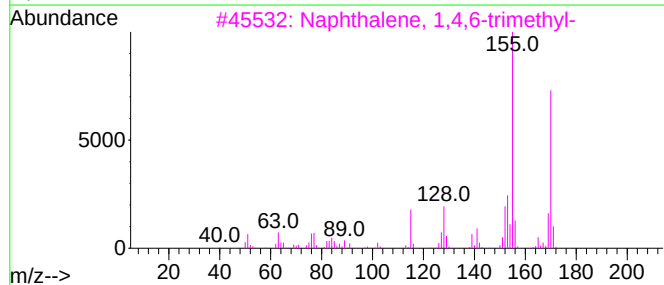
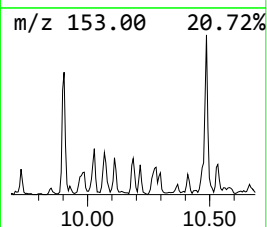
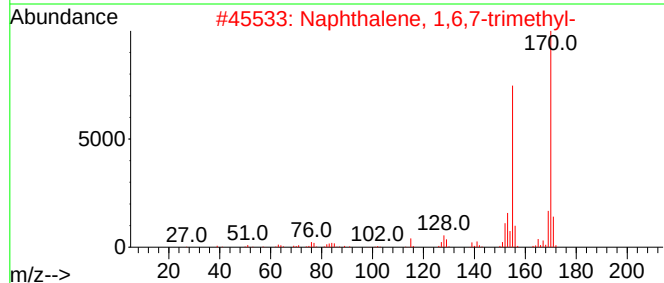
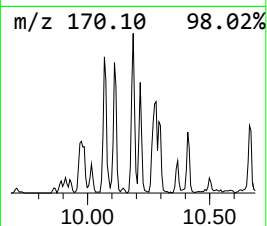
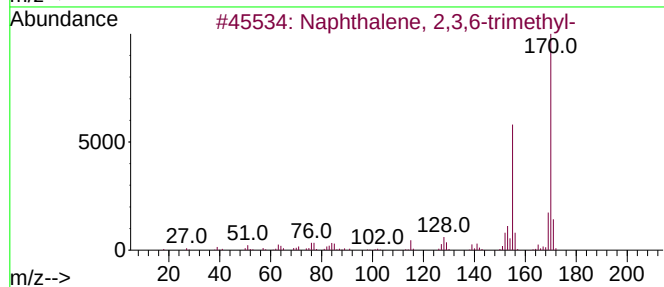
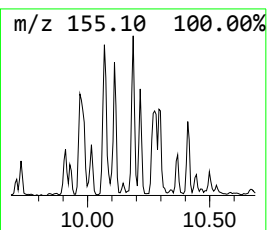
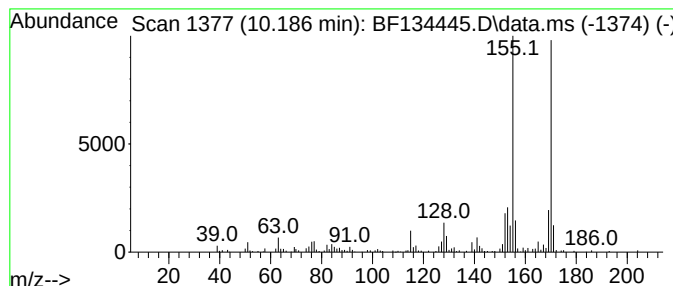
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.187	5.73 ng	156640	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	74
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Operator : CG\JU
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Misc :
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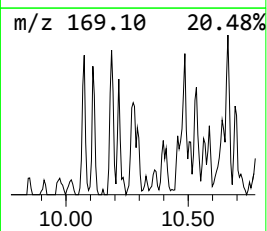
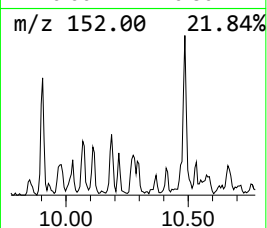
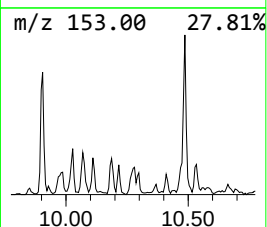
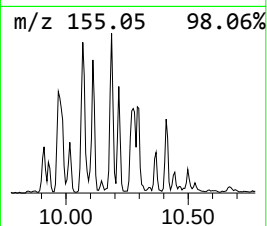
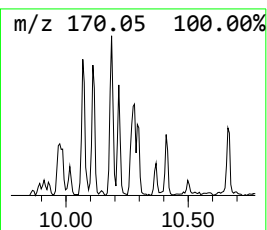
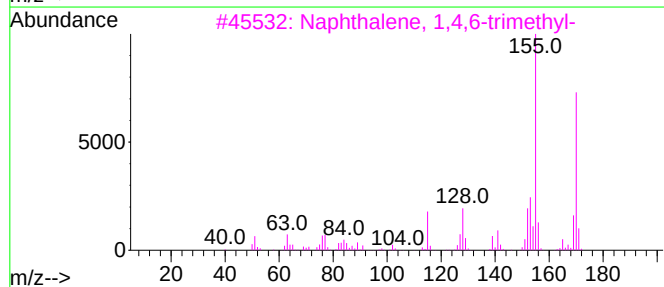
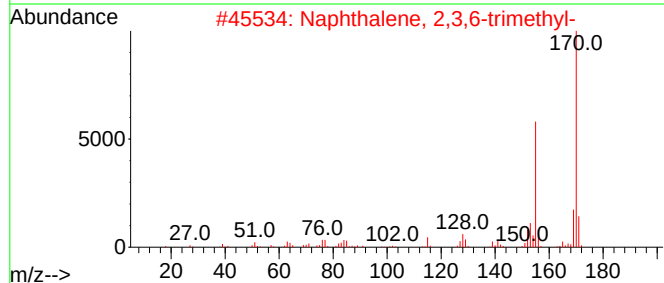
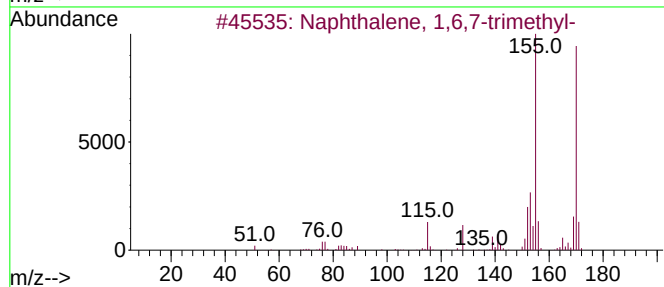
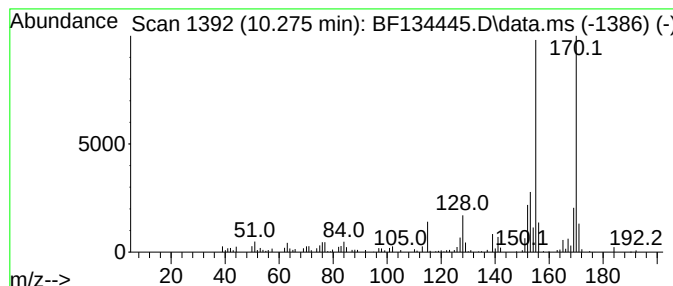
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.275	5.16 ng	140976	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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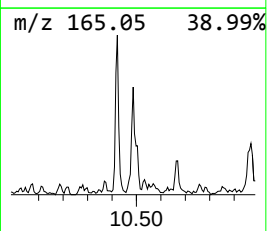
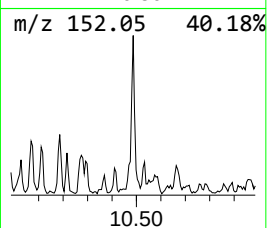
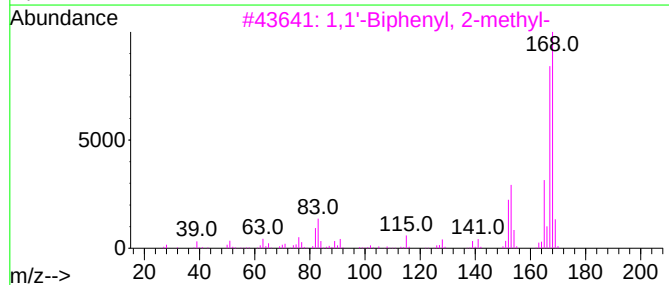
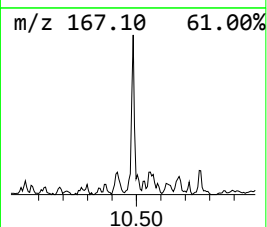
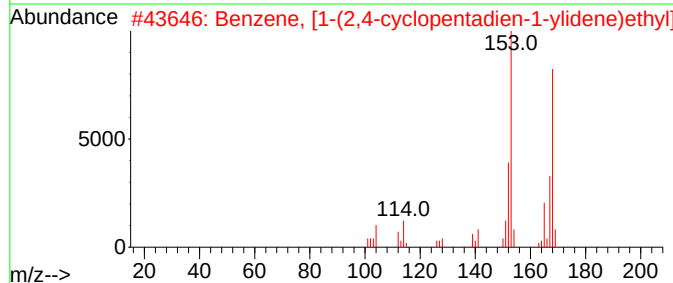
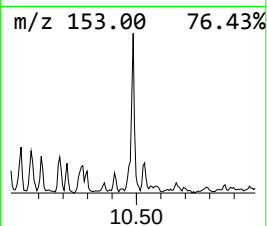
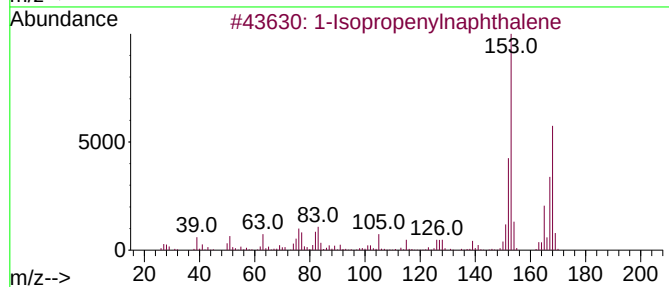
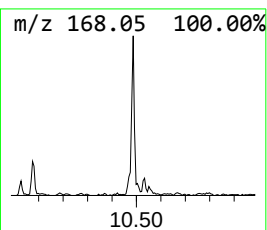
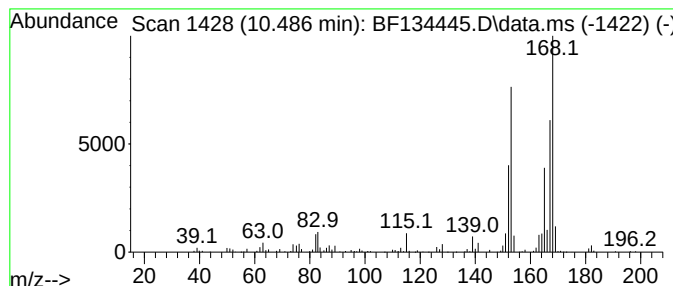
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	8.97 ng	245227	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
5		4-Methylthio-2,6-xlenol	168	C9H12OS	007379-49-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

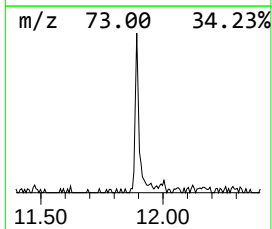
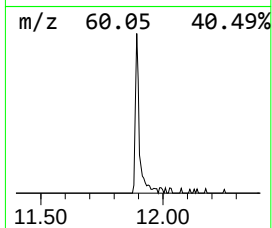
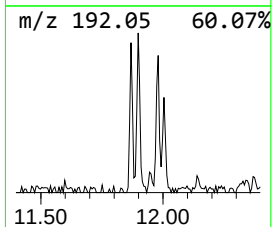
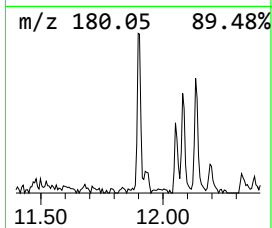
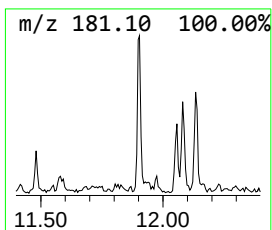
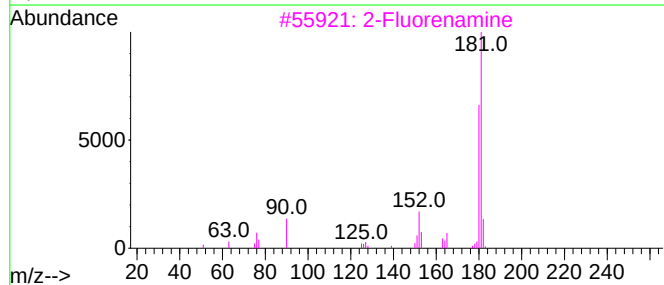
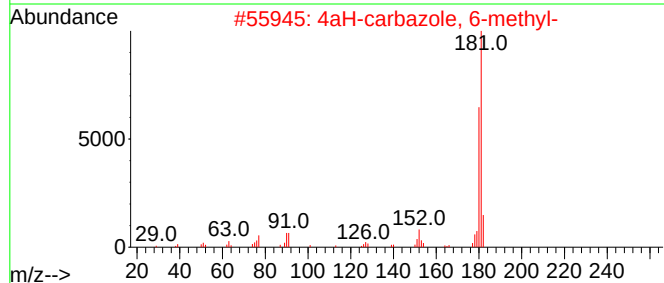
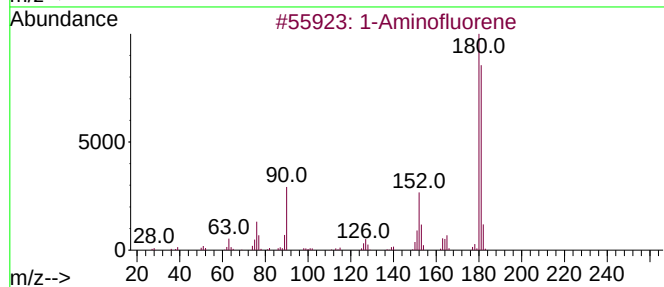
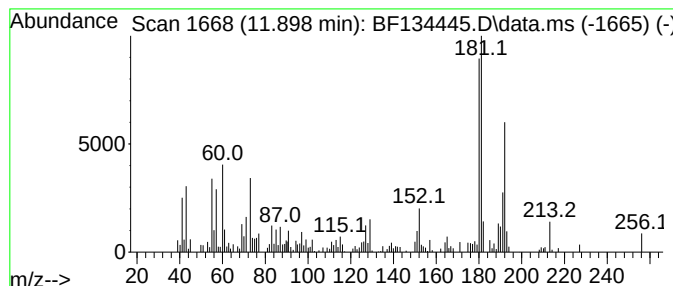
Instrument :
BNA_F
ClientSampleId :
N48719

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Aminofluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.898	6.33 ng	148467	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aminofluorene	181	C13H11N	006344-63-4	70
2	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	70
3	2-Fluorenamine	181	C13H11N	000153-78-6	55
4	3-Methylcarbazole	181	C13H11N	004630-20-0	55
5	1-Methylcarbazole	181	C13H11N	006510-65-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48719

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Cyclohexane, et...	4.999	6.4	ng	122453	1	6.834	382391	20.0
Benzene, 1-ethy...	6.887	13.4	ng	256745	1	6.834	382391	20.0
Benzene, 1,1'-(...	7.010	11.5	ng	219557	1	6.834	382391	20.0
Benzene, 1,3-di...	7.075	8.5	ng	162669	1	6.834	382391	20.0
p-Cymene	7.145	6.8	ng	130648	1	6.834	382391	20.0
Benzene, 1,2,3,...	7.598	6.0	ng	211929	2	8.110	710793	20.0
1-Phenyl-1-butene	7.845	24.3	ng	864941	2	8.110	710793	20.0
Naphthalene, 1,...	7.951	5.7	ng	201436	2	8.110	710793	20.0
Naphthalene, 1,...	8.616	6.0	ng	213926	2	8.110	710793	20.0
Naphthalene, 1,...	9.451	15.3	ng	417218	3	9.869	546923	20.0
Naphthalene, 1,...	9.528	26.2	ng	717405	3	9.869	546923	20.0
Naphthalene, 1,...	9.557	14.4	ng	392513	3	9.869	546923	20.0
Naphthalene, 2,...	9.645	8.0	ng	218364	3	9.869	546923	20.0
Naphthalene, 1,...	10.069	6.5	ng	178034	3	9.869	546923	20.0
Naphthalene, 2,...	10.187	5.7	ng	156640	3	9.869	546923	20.0
Naphthalene, 1,...	10.275	5.2	ng	140976	3	9.869	546923	20.0
1-Isopropenylna...	10.486	9.0	ng	245227	3	9.869	546923	20.0
1-Aminofluorene	11.898	6.3	ng	148467	4	11.363	469223	20.0