

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142660.D
 Acq On : 06 Jun 2025 22:01
 Operator : RC/JU
 Sample : Q2202-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-20250603

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	477	488	492	rBV4	74726	176872	1.01%	0.117%
2	5.110	492	496	501	rVB	163749	231964	1.33%	0.154%
3	5.387	537	543	548	rBV	3184399	4360859	25.00%	2.888%
4	5.510	555	564	569	rVB2	1555895	2256120	12.93%	1.494%
5	5.745	599	604	608	rVB	243711	306934	1.76%	0.203%
6	6.069	651	659	665	rBV	1162384	1554291	8.91%	1.029%
7	6.357	702	708	713	rVB	1382367	1723509	9.88%	1.141%
8	6.451	720	724	728	rVB	557090	645281	3.70%	0.427%
9	6.498	728	732	733	rVV	595091	767776	4.40%	0.509%
10	6.516	733	735	741	rVB	927925	1151803	6.60%	0.763%
11	6.581	741	746	751	rBV	2090083	2620967	15.03%	1.736%
12	6.722	760	770	783	rVB	3722757	5328662	30.55%	3.529%
13	6.845	783	791	795	rBV3	139143	254808	1.46%	0.169%
14	6.892	795	799	802	rBV	534588	692969	3.97%	0.459%
15	6.951	802	809	814	rVV	2244072	3396705	19.47%	2.250%
16	6.992	814	816	821	rVB	359095	400772	2.30%	0.265%
17	7.081	821	831	836	rBV	4991348	7565529	43.37%	5.011%
18	7.145	836	842	848	rBV2	1082215	1698724	9.74%	1.125%
19	7.210	848	853	862	rVB2	980311	1576070	9.04%	1.044%
20	7.287	862	866	872	rBV	271201	357653	2.05%	0.237%
21	7.357	872	878	881	rBV2	794379	1204365	6.90%	0.798%
22	7.434	886	891	893	rVV	1311997	2044056	11.72%	1.354%
23	7.469	893	897	901	rVB2	4169455	6024930	34.54%	3.990%
24	7.575	912	915	919	rBV	430702	545864	3.13%	0.362%
25	7.663	924	930	932	rBV	797860	1159012	6.64%	0.768%
26	7.692	932	935	942	rVB	1734905	2154635	12.35%	1.427%
27	7.763	942	947	955	rBV2	328907	758078	4.35%	0.502%
28	7.851	955	962	967	rVB	2744415	3843810	22.04%	2.546%
29	7.928	967	975	979	rBV3	4280990	8081914	46.33%	5.353%
30	7.975	979	983	989	rVV	4221734	7914449	45.37%	5.242%
31	8.022	989	991	993	rVV	425312	457045	2.62%	0.303%
32	8.051	993	996	1001	rVB	801763	990603	5.68%	0.656%
33	8.122	1001	1008	1011	rBV2	146235	278905	1.60%	0.185%
34	8.222	1011	1025	1030	rVV	7090859	17443057	100.00%	11.553%
35	8.263	1030	1032	1036	rVB2	265894	276092	1.58%	0.183%
36	8.334	1039	1044	1048	rBV3	161409	248298	1.42%	0.164%

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37	8.451	1062	1064	1068	rVB	164481	193204	1.11%	0.128%
38	8.498	1068	1072	1074	rBV	223357	278953	1.60%	0.185%
39	8.533	1074	1078	1081	rVV	478372	776097	4.45%	0.514%
40	8.569	1081	1084	1088	rVB2	277702	397598	2.28%	0.263%
41	8.639	1088	1096	1099	rBV	924230	2266574	12.99%	1.501%
42	8.686	1100	1104	1108	rVV	1158985	1917192	10.99%	1.270%
43	8.728	1108	1111	1115	rVV3	270744	377490	2.16%	0.250%
44	8.769	1115	1118	1122	rVB2	325824	395119	2.27%	0.262%
45	8.822	1122	1127	1129	rBV2	442231	693553	3.98%	0.459%
46	8.845	1129	1131	1135	rVV2	587639	745867	4.28%	0.494%
47	8.898	1135	1140	1145	rVB	3513495	4731651	27.13%	3.134%
48	9.010	1150	1159	1166	rVB	6463395	12314306	70.60%	8.156%
49	9.086	1166	1172	1176	rVB7	73260	174739	1.00%	0.116%
50	9.257	1195	1201	1205	rBV	2801839	3731248	21.39%	2.471%
51	9.357	1212	1218	1223	rVB	1360718	1766696	10.13%	1.170%
52	9.422	1223	1229	1231	rBV2	257526	404633	2.32%	0.268%
53	9.457	1231	1235	1240	rVB	582815	964598	5.53%	0.639%
54	9.516	1240	1245	1253	rBV	976920	1639685	9.40%	1.086%
55	9.592	1253	1258	1262	rBV	1748467	2654419	15.22%	1.758%
56	9.710	1272	1278	1286	rVB	932204	1598723	9.17%	1.059%
57	9.792	1286	1292	1298	rVB	714271	948353	5.44%	0.628%
58	9.933	1308	1316	1319	rBV2	840117	1382577	7.93%	0.916%
59	9.969	1319	1322	1329	rVV	2670946	3475037	19.92%	2.302%
60	10.033	1329	1333	1338	rVB2	118013	191959	1.10%	0.127%
61	10.133	1346	1350	1354	rBV2	236028	300929	1.73%	0.199%
62	10.180	1354	1358	1365	rVB3	307635	556969	3.19%	0.369%
63	10.251	1365	1370	1373	rBV3	193388	300386	1.72%	0.199%
64	10.357	1380	1388	1390	rBV2	152294	353200	2.02%	0.234%
65	10.386	1390	1393	1397	rVV	384607	505442	2.90%	0.335%
66	10.451	1400	1404	1406	rVV	359542	493240	2.83%	0.327%
67	10.480	1406	1409	1415	rVV	1002295	1409425	8.08%	0.933%
68	10.551	1415	1421	1425	rVV3	174509	437796	2.51%	0.290%
69	10.592	1425	1428	1434	rVV2	222531	398032	2.28%	0.264%
70	10.651	1434	1438	1443	rVV3	135762	319125	1.83%	0.211%
71	10.722	1443	1450	1463	rVB2	1743732	2788329	15.99%	1.847%
72	10.845	1463	1471	1479	rBV4	107324	258518	1.48%	0.171%
73	11.022	1496	1501	1505	rBV2	102180	174606	1.00%	0.116%
74	11.422	1564	1569	1571	rBV	707343	987606	5.66%	0.654%
75	11.445	1571	1573	1578	rVV	1344053	1624115	9.31%	1.076%
76	11.498	1578	1582	1585	rVV	277548	358569	2.06%	0.237%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.533	1585	1588	1601	rVB2	147720	232129	1.33%	0.154%
78	11.945	1650	1658	1663	rBV3	197379	449161	2.58%	0.297%
79	12.033	1669	1673	1681	rVB2	155285	305657	1.75%	0.202%
80	13.010	1833	1839	1844	rBV	2192209	2864207	16.42%	1.897%

81	14.063	2013	2018	2031	rBV	471959	630161	3.61%	0.417%
82	15.557	2265	2272	2288	rBV	442767	727130	4.17%	0.482%

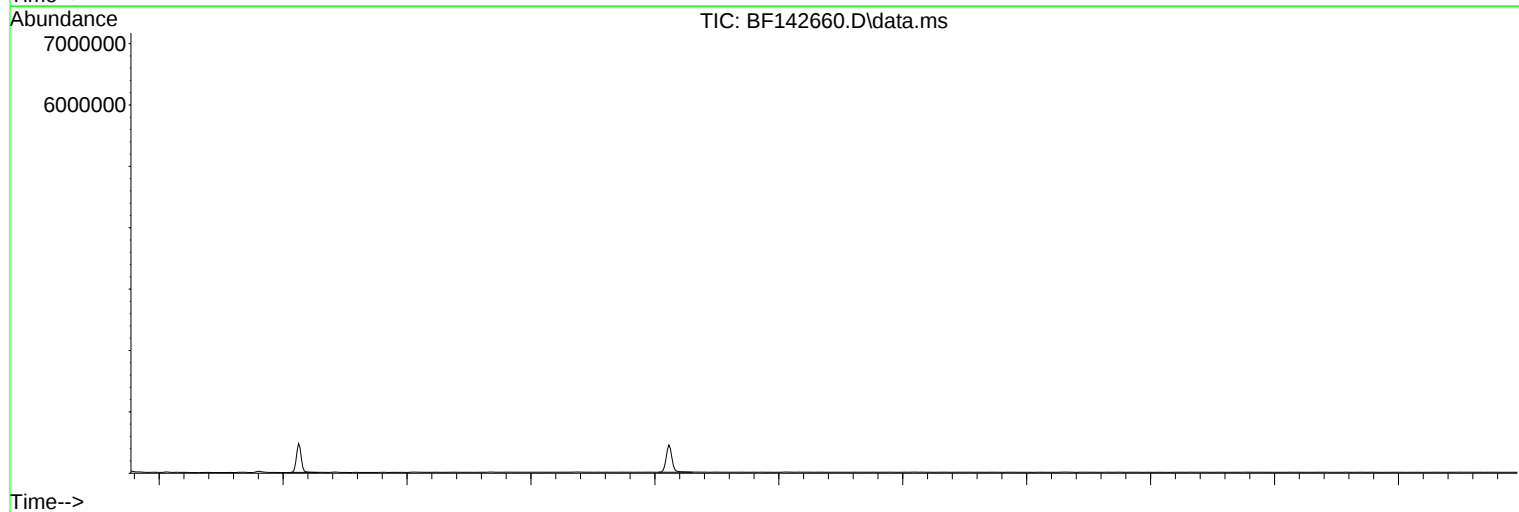
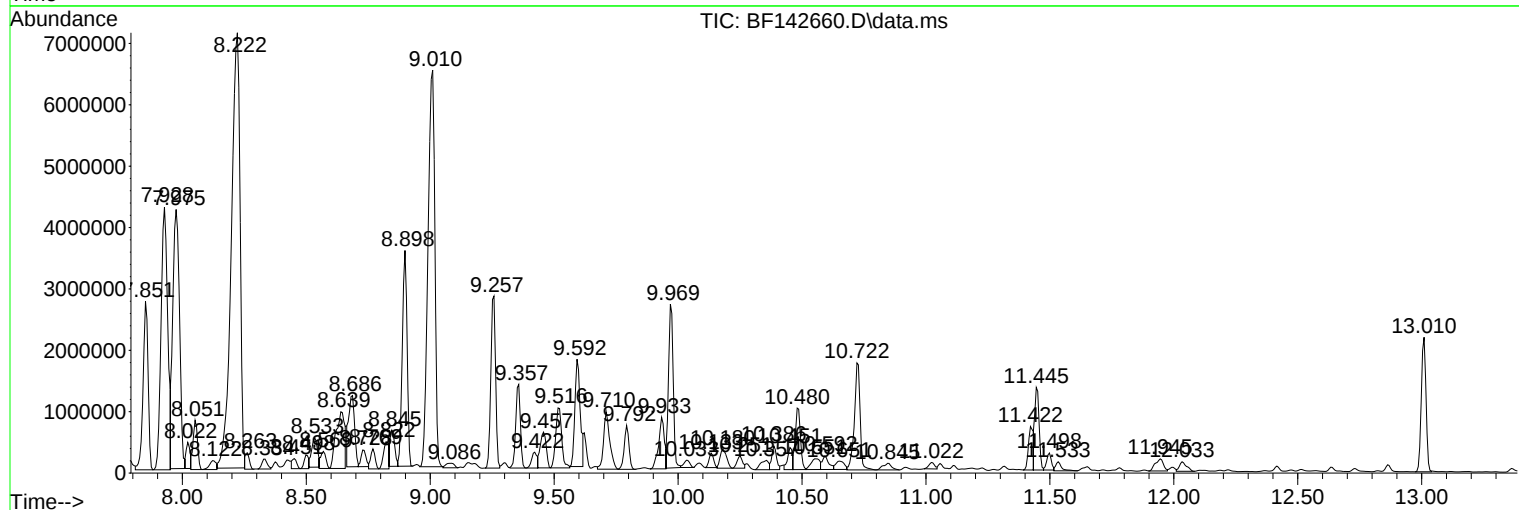
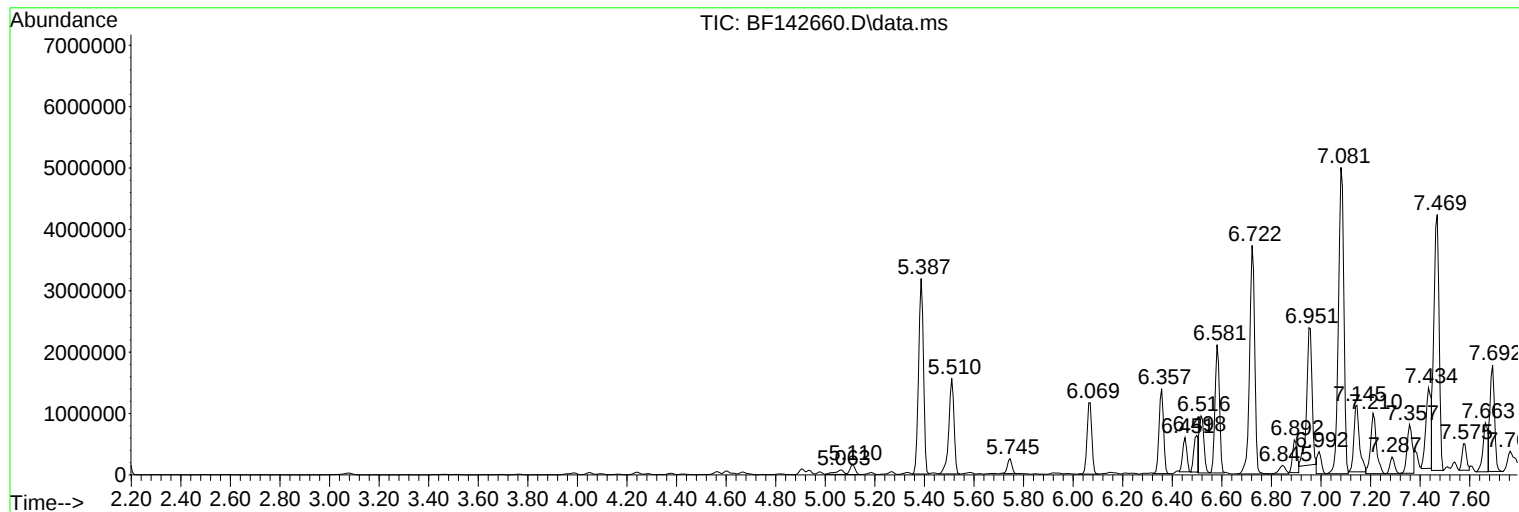
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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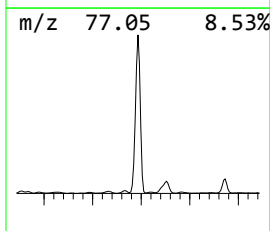
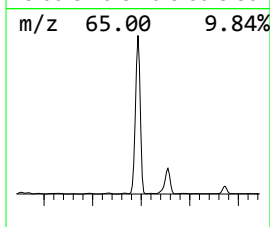
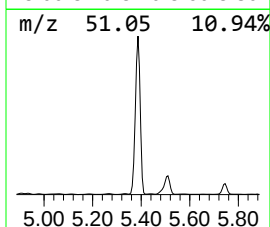
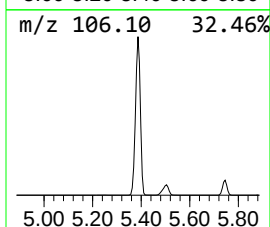
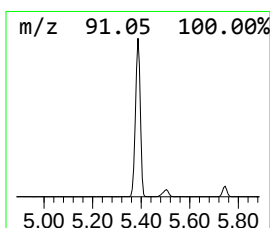
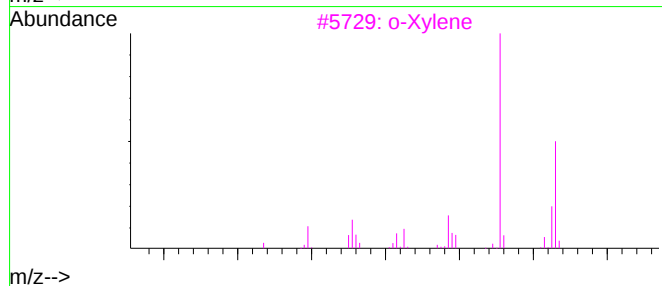
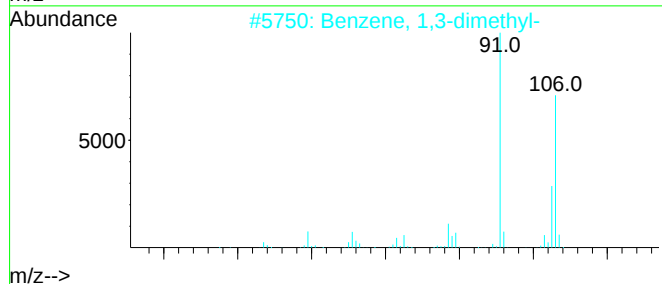
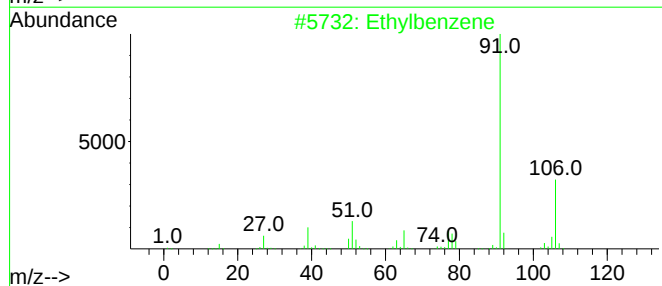
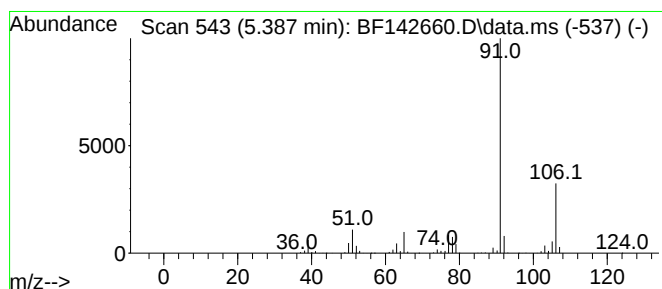
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	125.86 ng	4360860	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	86
3	o-Xylene	106	C8H10	000095-47-6	76
4	p-Xylene	106	C8H10	000106-42-3	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

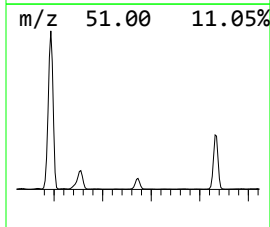
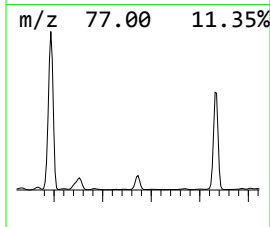
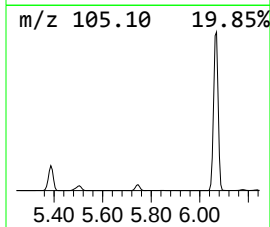
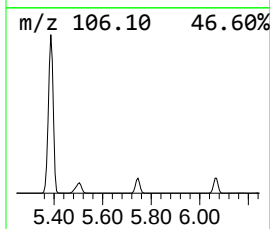
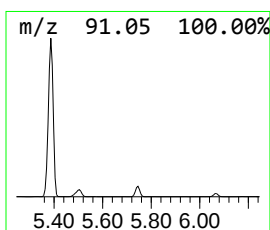
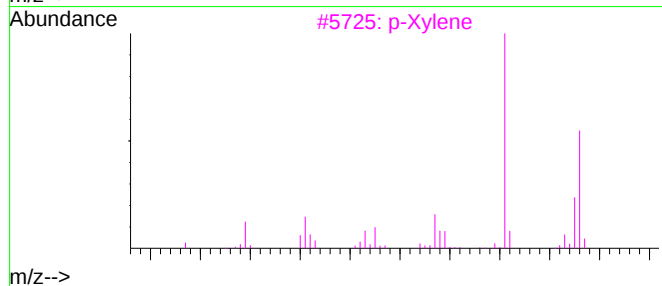
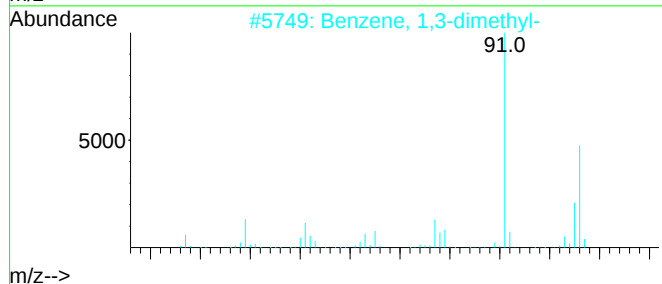
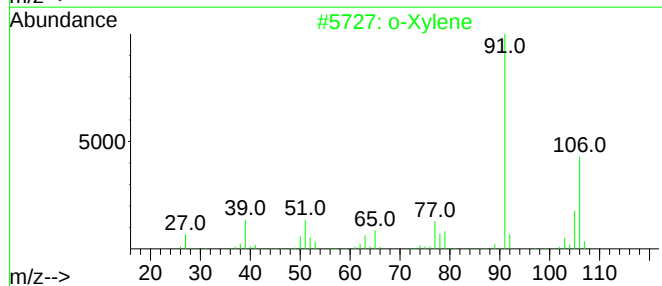
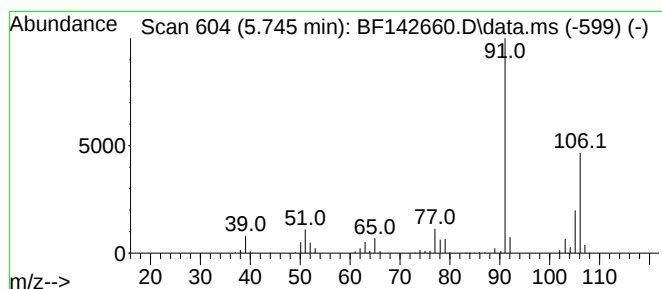
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentene, 1-ethenyl-3-m... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.745	8.86 ng	306934	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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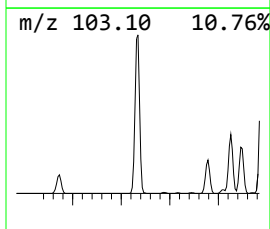
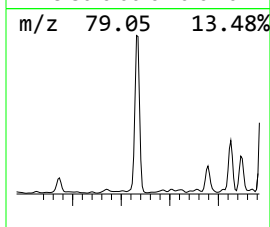
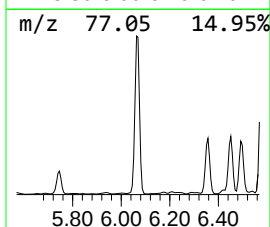
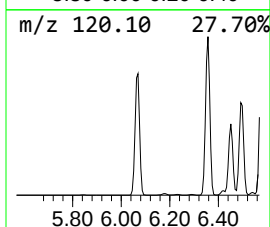
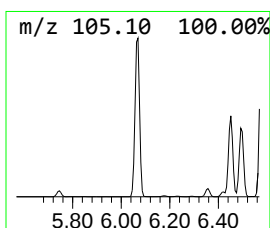
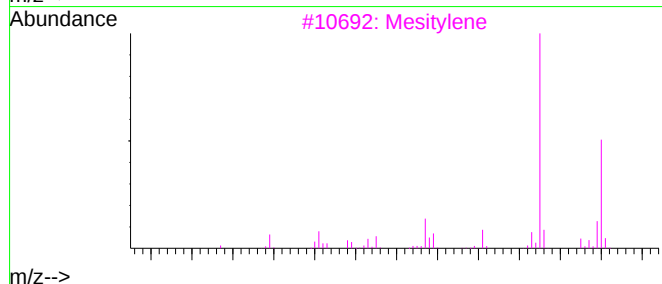
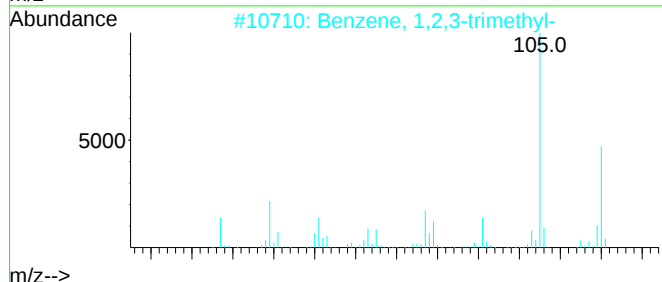
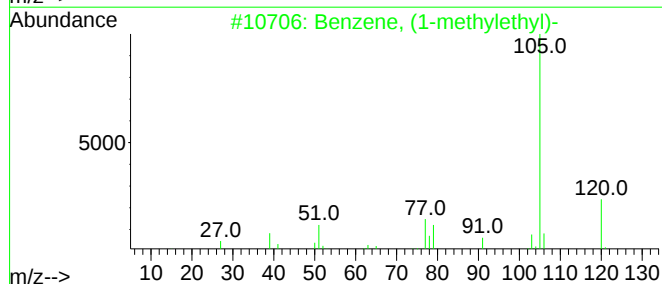
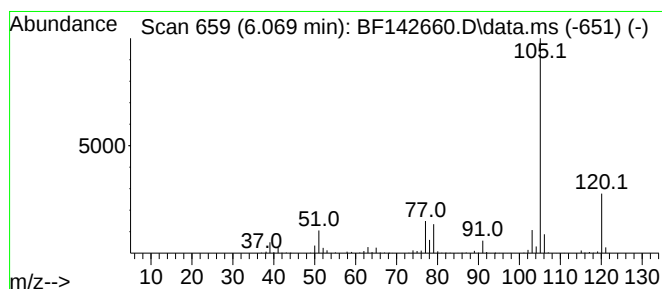
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.069	44.86 ng	1554290	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

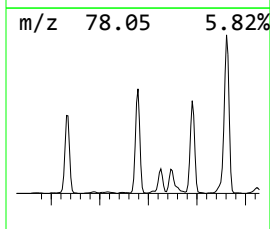
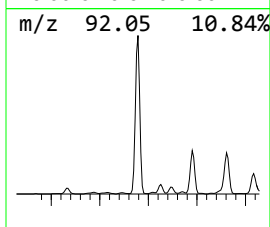
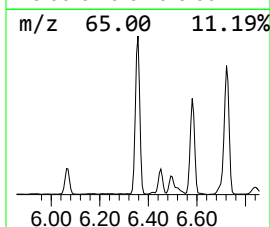
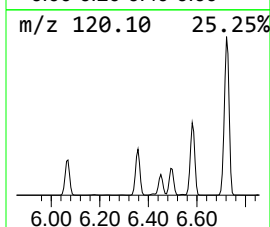
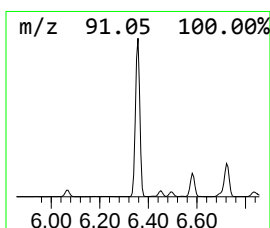
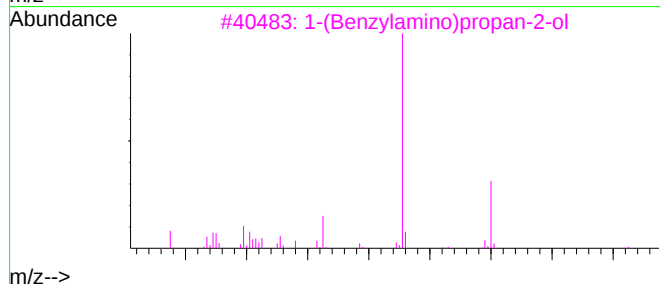
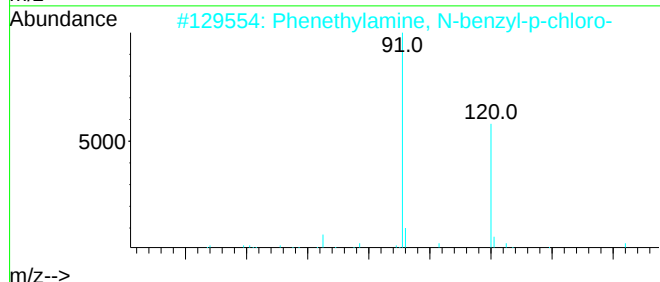
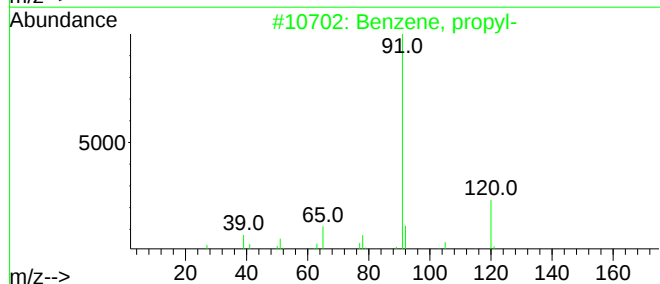
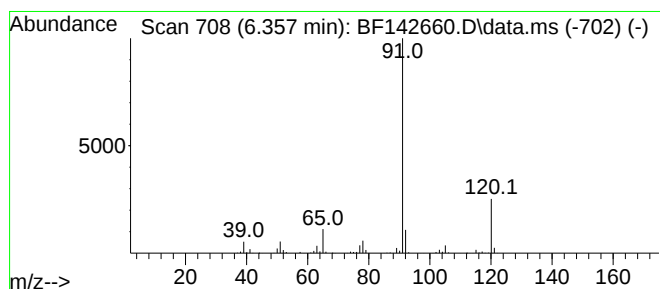
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenethylamine, N-benzyl-p-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	49.74 ng	1723510	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

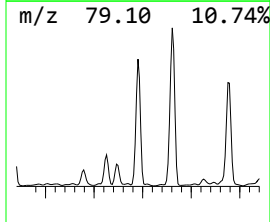
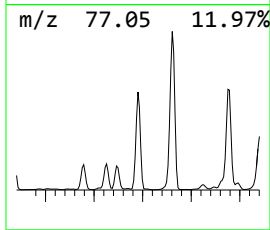
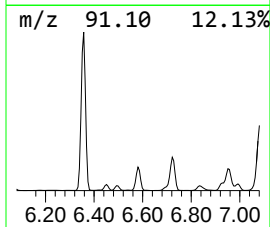
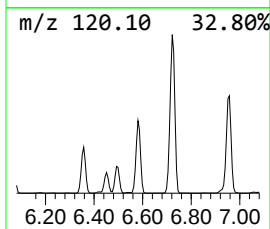
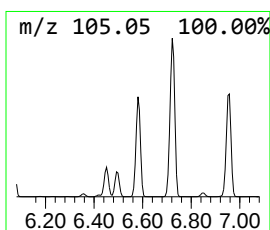
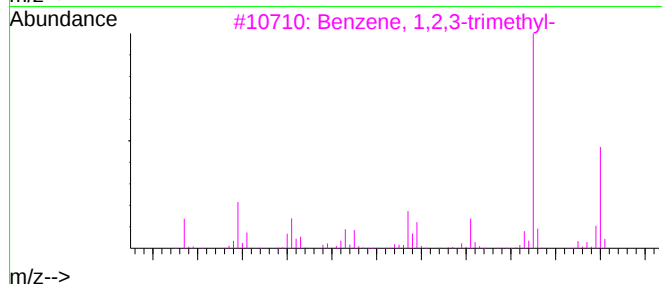
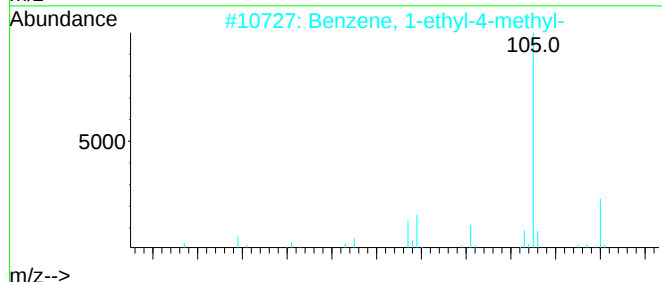
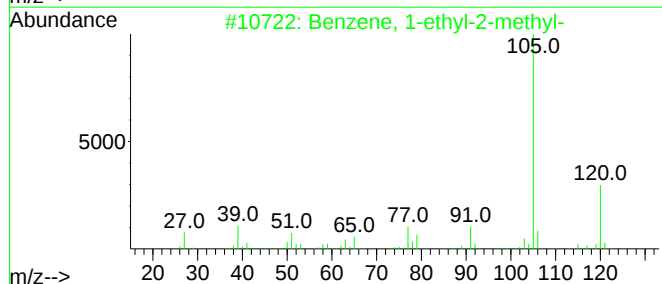
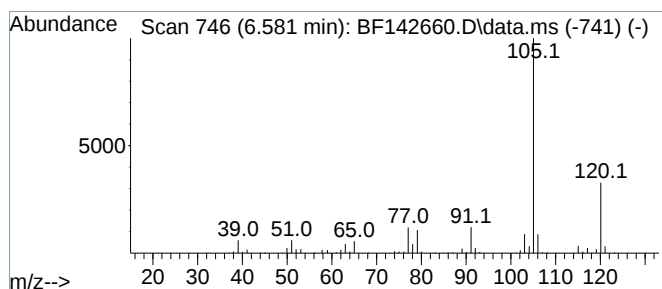
TIC Library : C:\Database\NIST20.L

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.
6.581	75.64 ng	2620970	1,4-Dichlorobenzene-d4	6.892

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

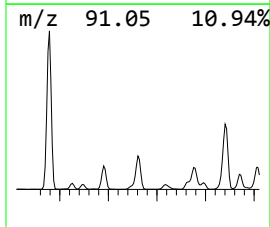
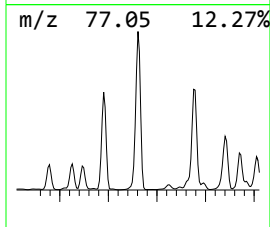
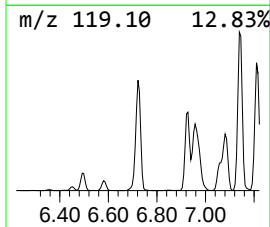
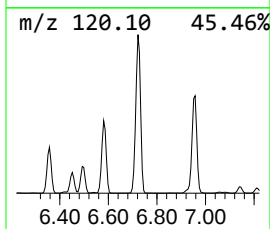
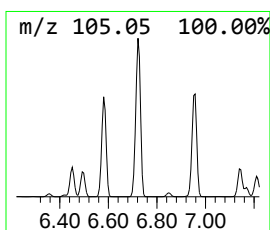
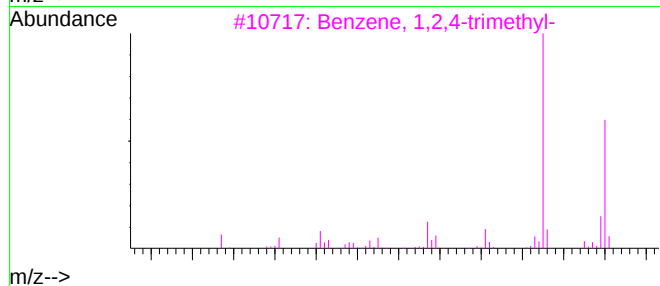
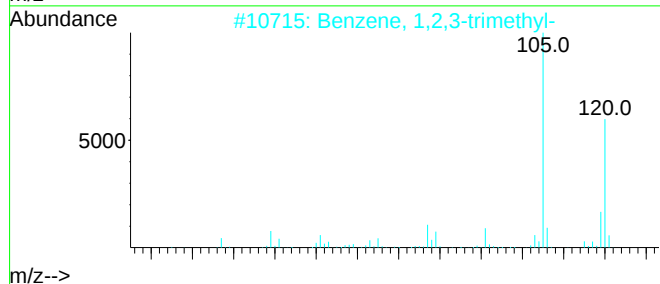
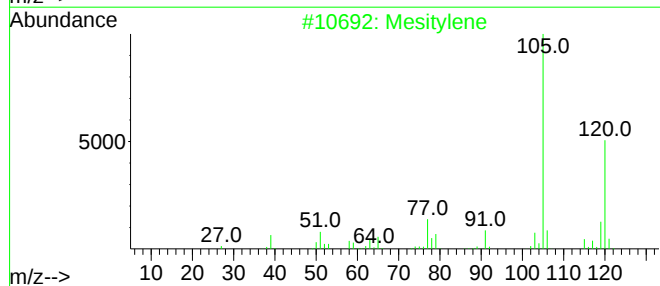
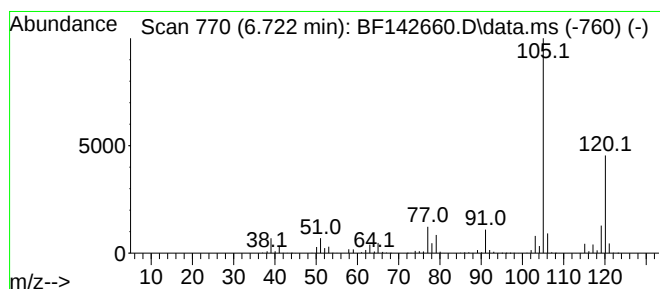
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	153.79 ng	5328660	1,4-Dichlorobenzene-d4	6.892

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-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

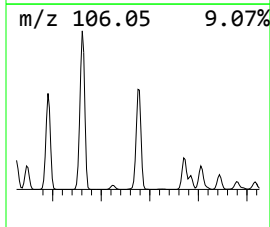
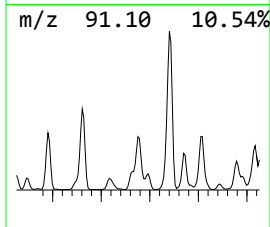
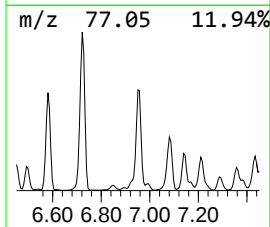
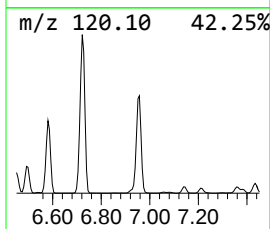
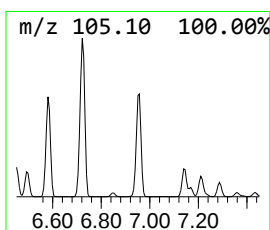
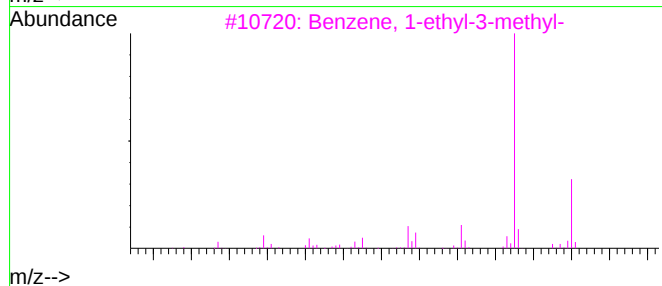
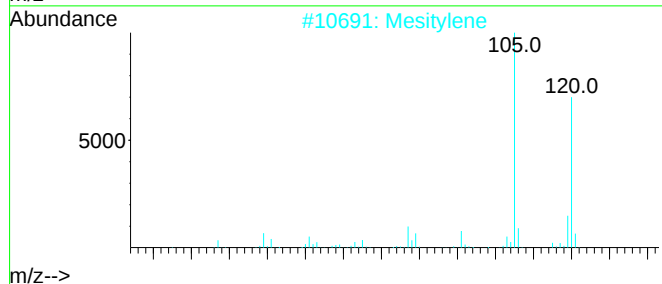
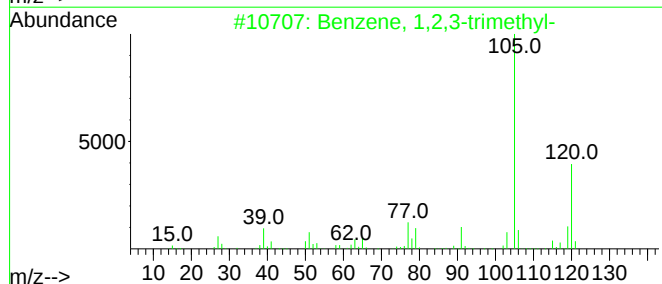
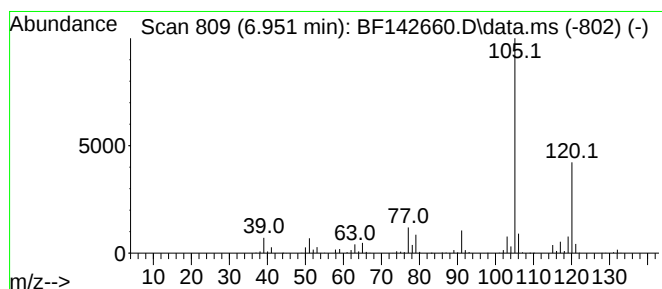
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	98.03 ng	3396710	1,4-Dichlorobenzene-d4	6.892

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

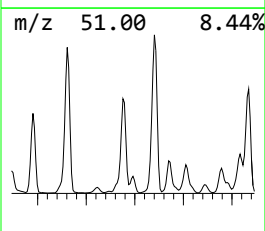
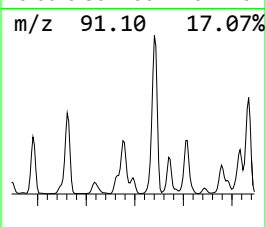
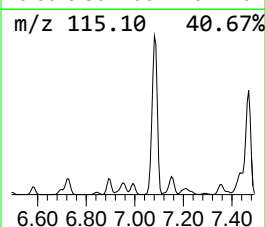
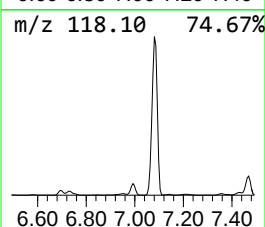
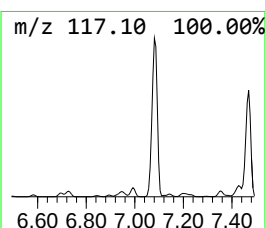
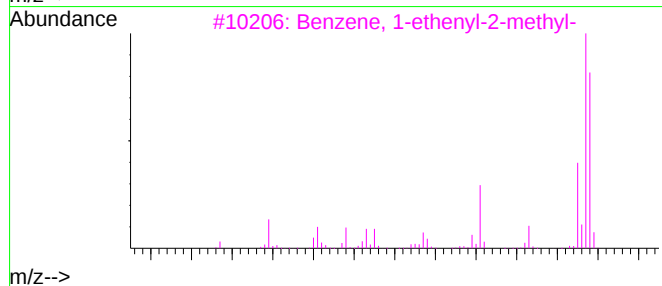
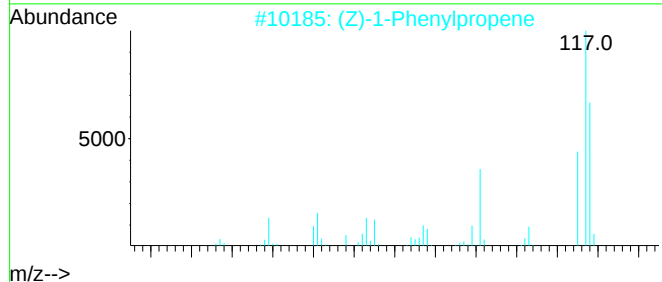
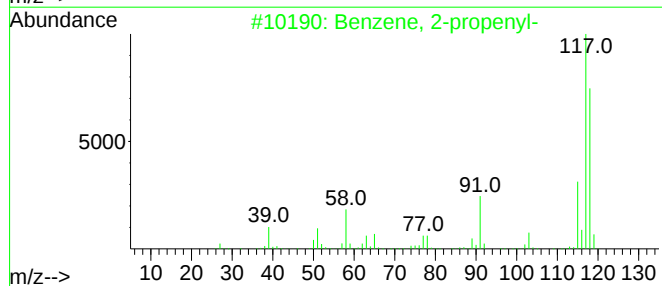
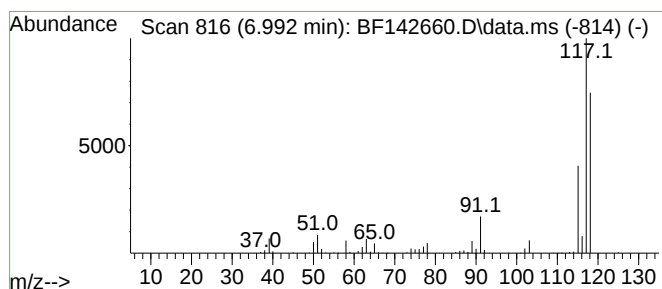
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.992	11.57 ng	400772	1,4-Dichlorobenzene-d4			6.892
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-		118	C9H10	000300-57-2	81
2	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	81
3	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	81
4	Indane		118	C9H10	000496-11-7	81
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

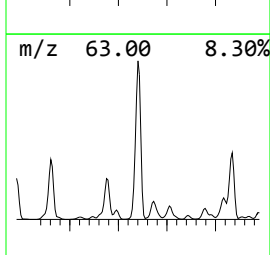
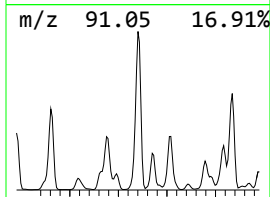
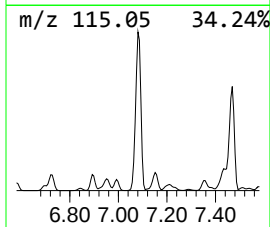
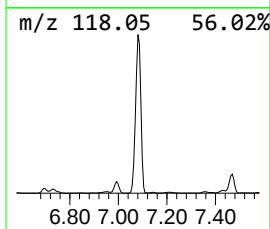
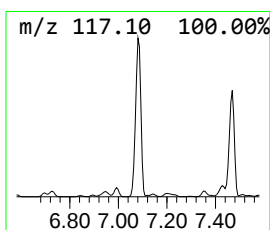
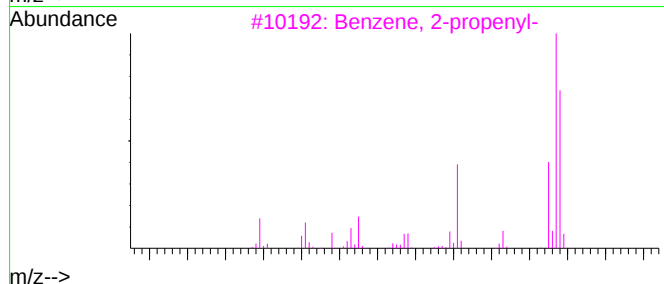
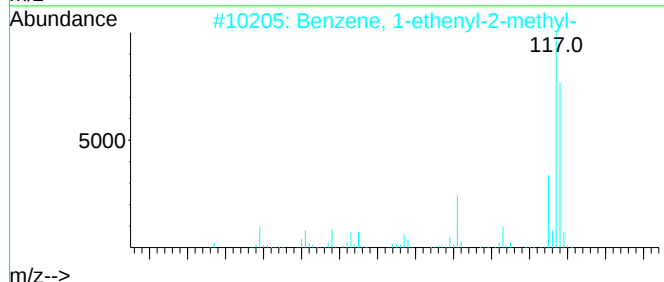
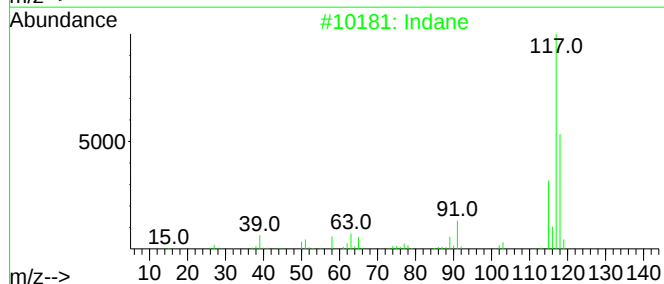
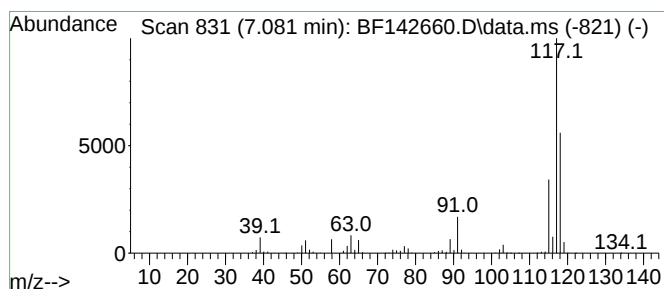
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	218.35 ng	7565530	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

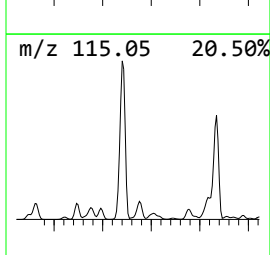
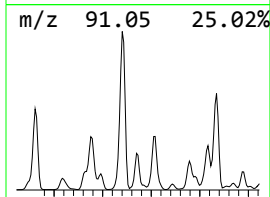
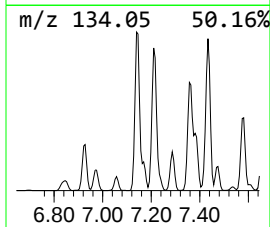
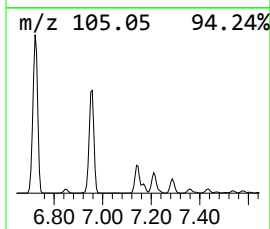
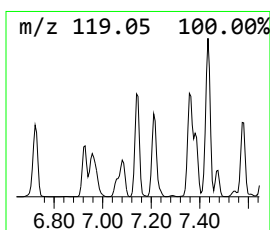
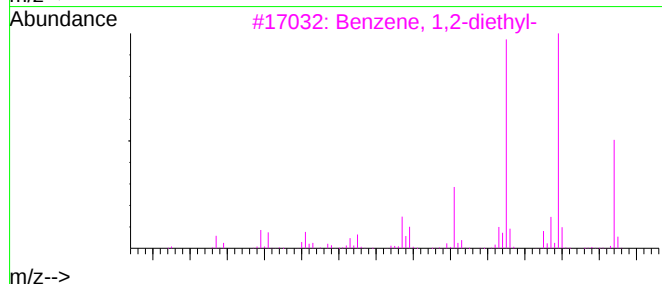
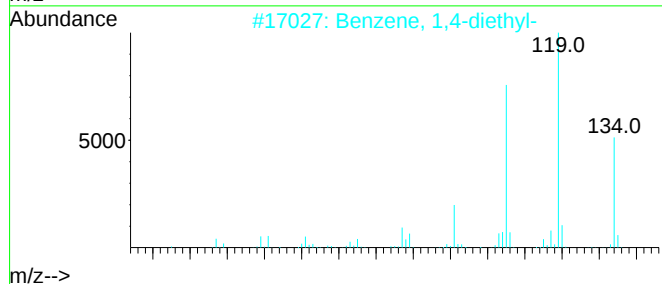
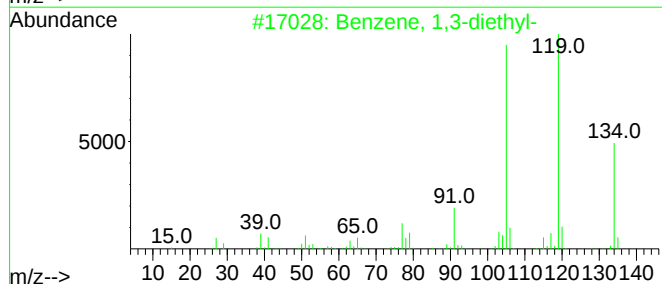
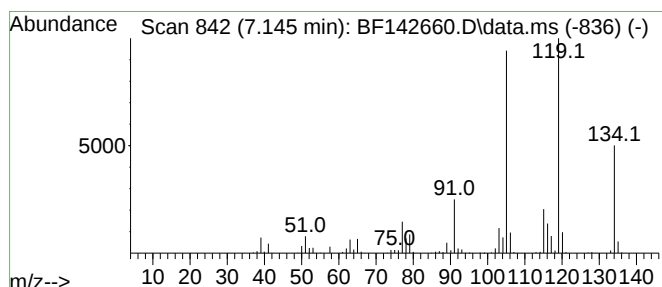
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	49.03 ng	1698720	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

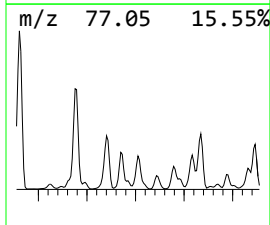
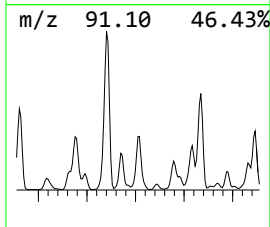
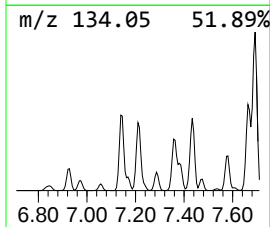
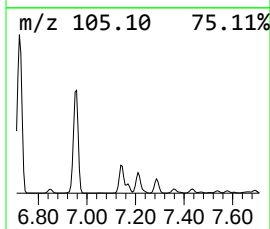
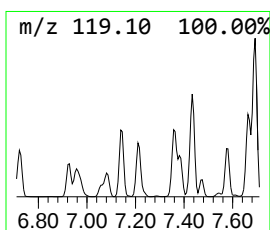
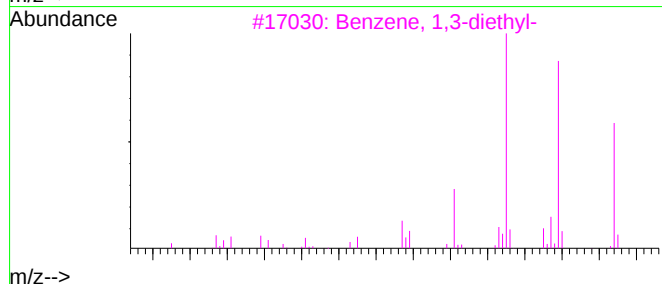
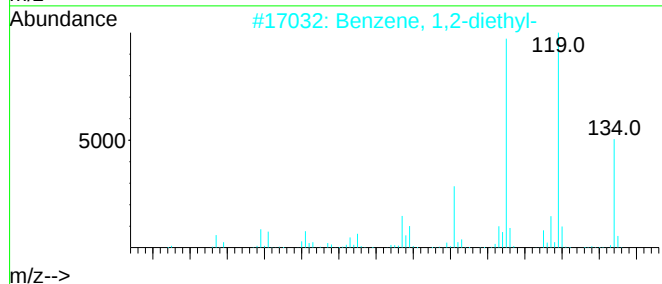
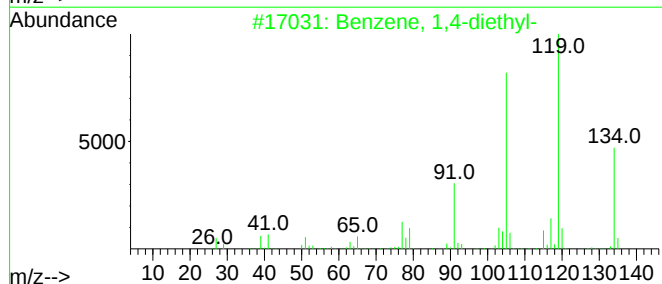
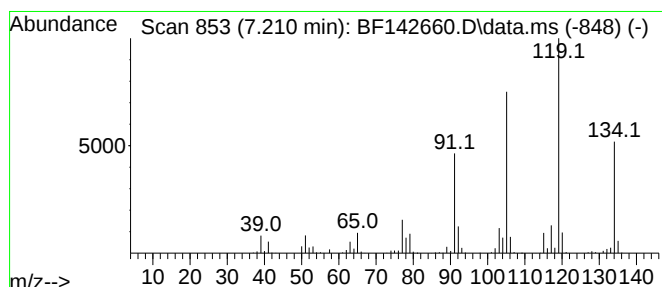
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.210	45.49 ng	1576070	1,4-Dichlorobenzene-d4	6.892	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

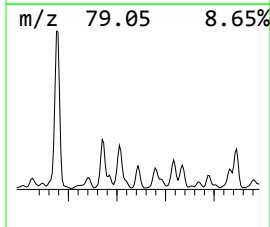
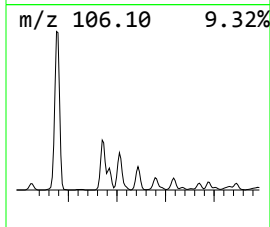
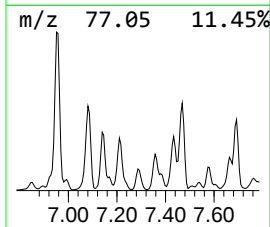
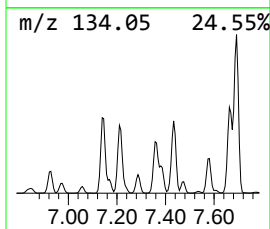
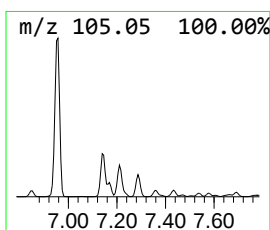
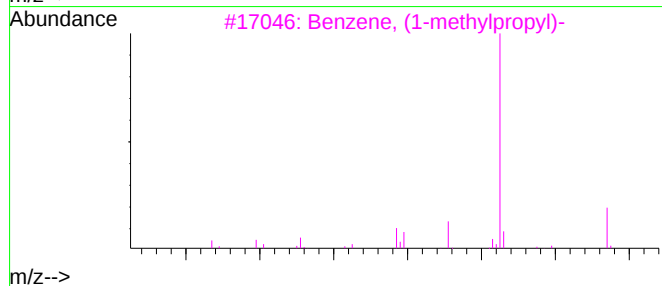
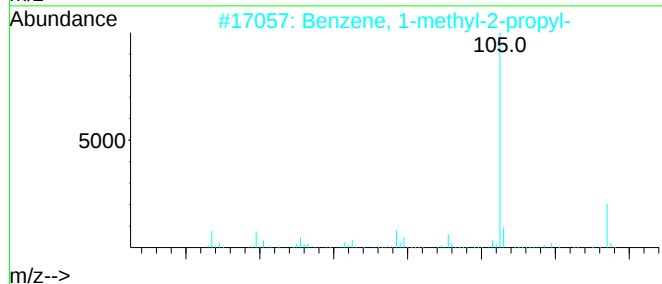
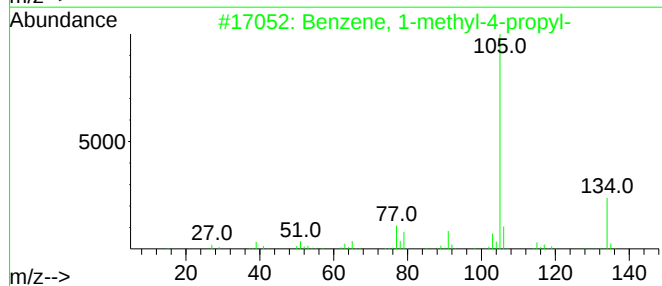
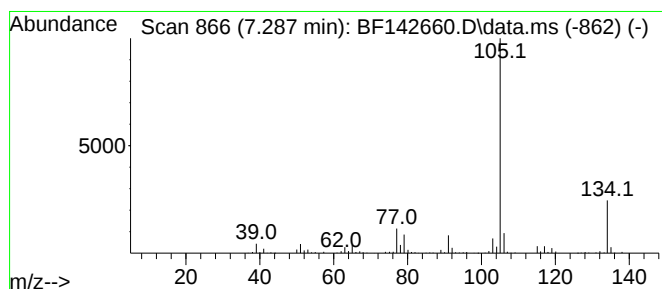
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	10.32 ng	357653	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

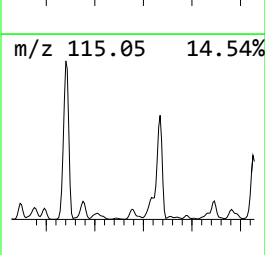
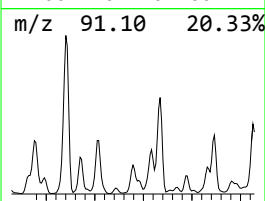
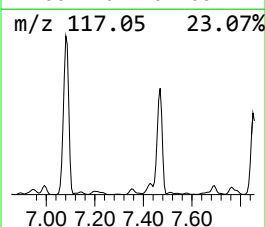
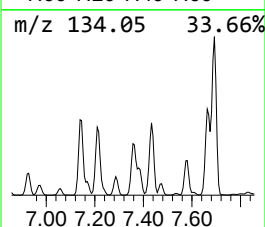
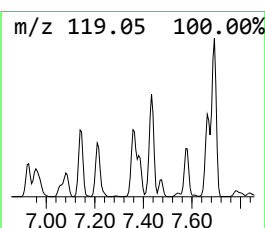
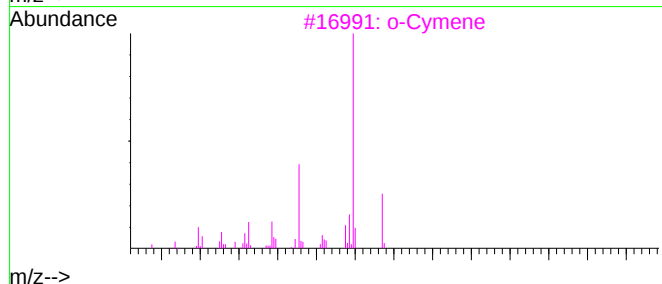
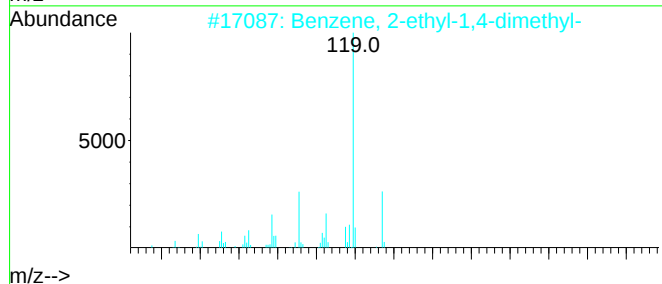
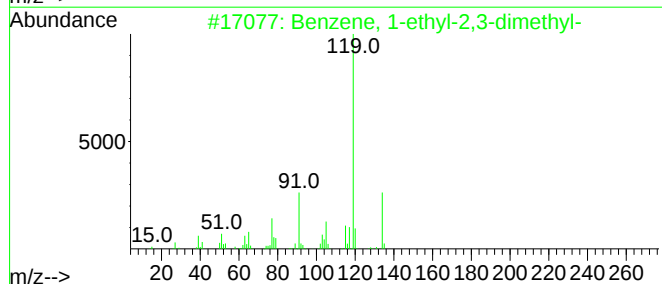
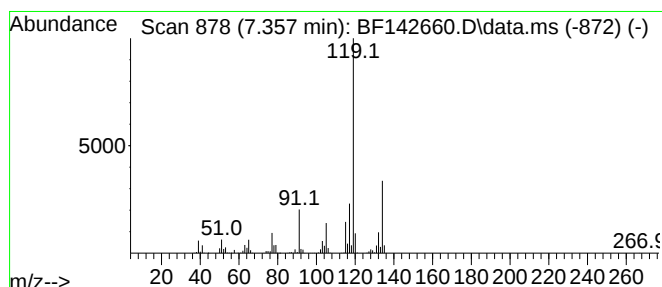
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.357	34.76 ng	1204370	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	o-Cymene	134	C10H14	000527-84-4	83
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

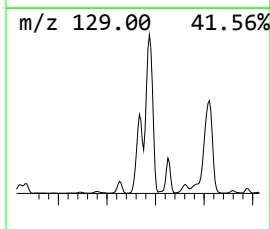
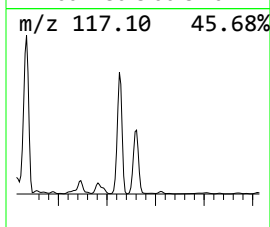
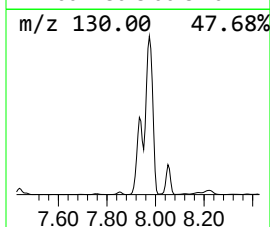
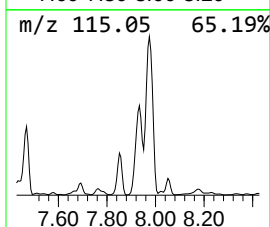
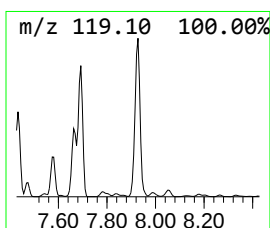
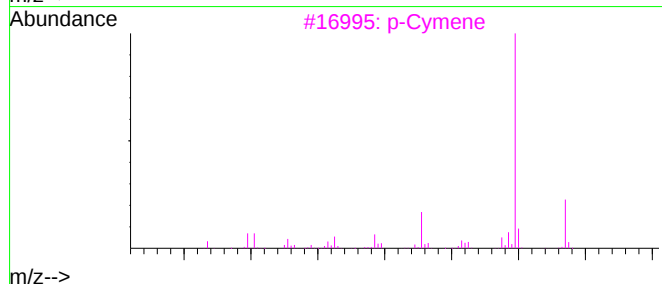
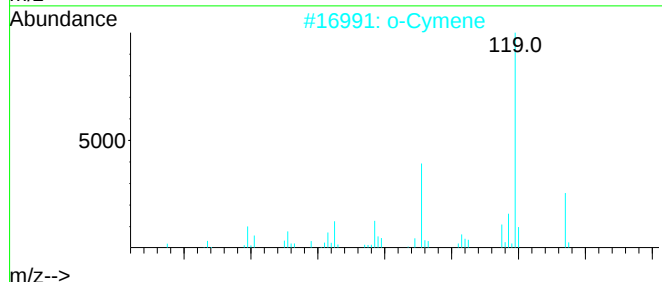
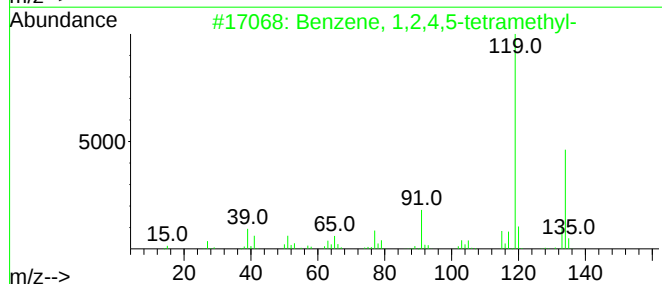
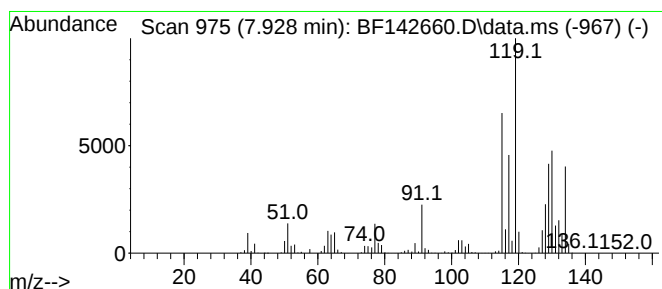
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown7.928 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.928	9.27 ng	8081910	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
2	o-Cymene	134	C10H14	000527-84-4	42
3	p-Cymene	134	C10H14	000099-87-6	42
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	42
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

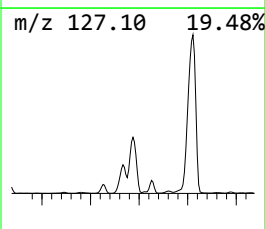
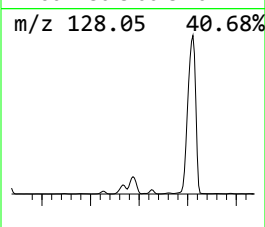
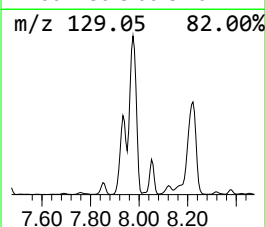
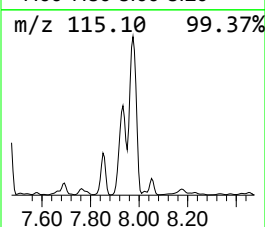
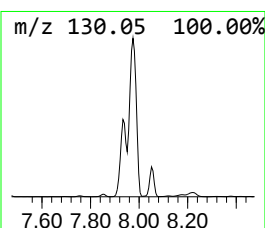
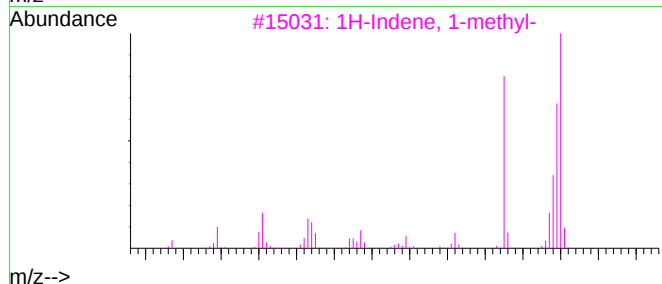
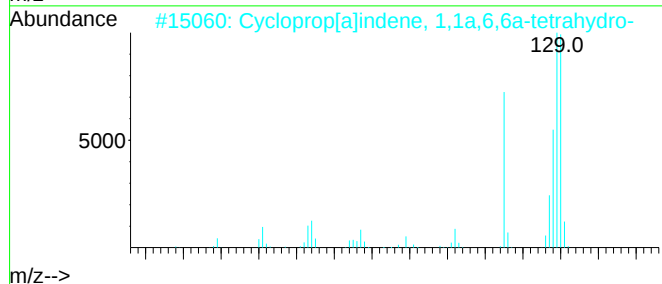
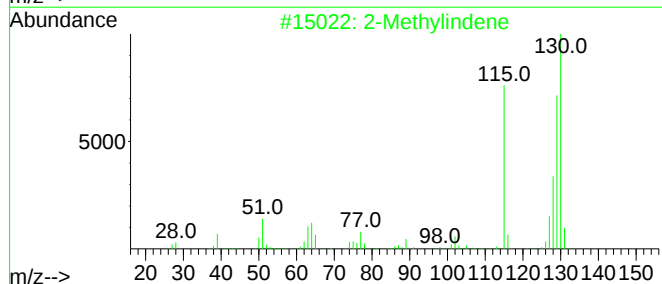
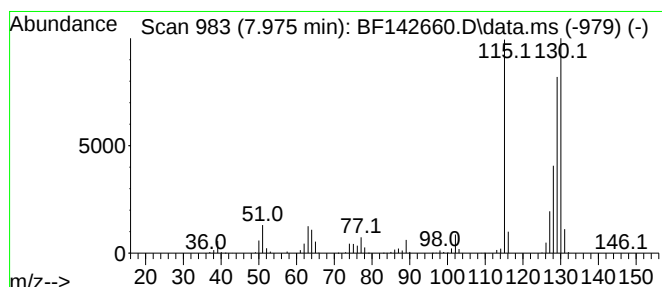
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	9.07 ng	7914450	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

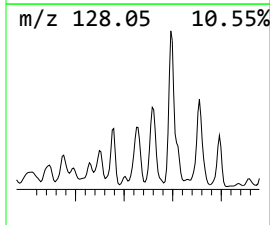
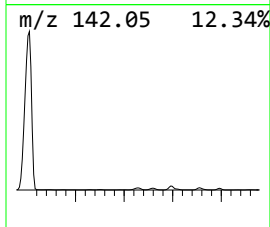
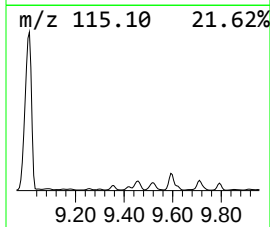
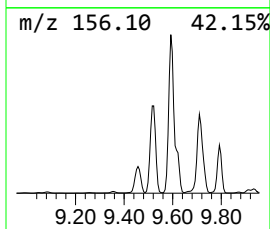
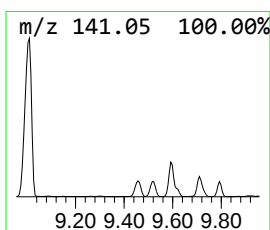
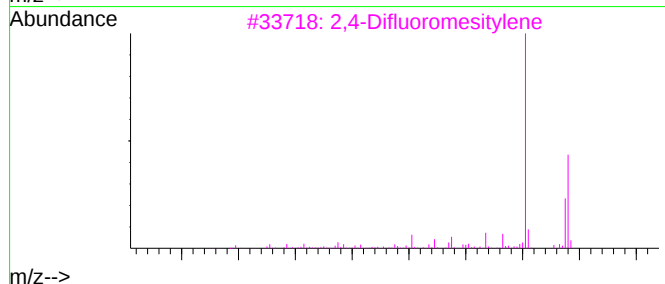
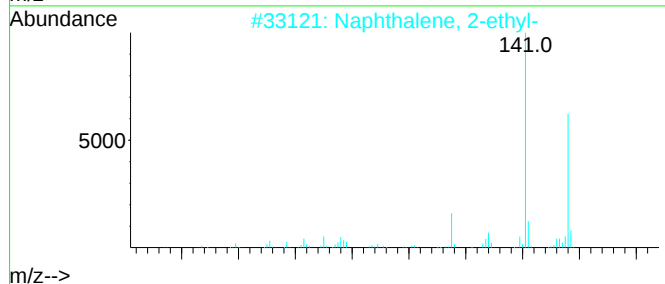
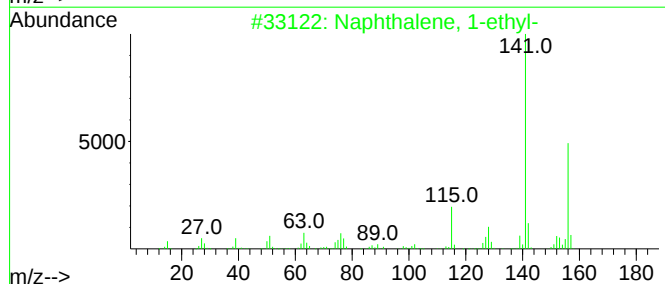
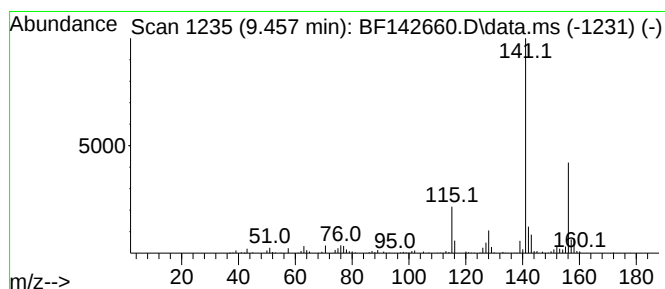
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	13.95 ng	964598	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

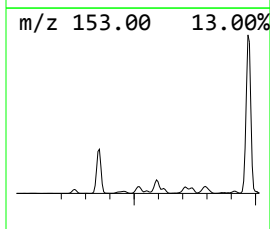
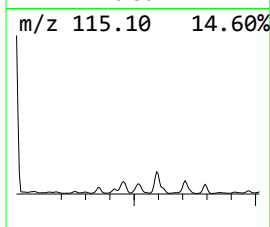
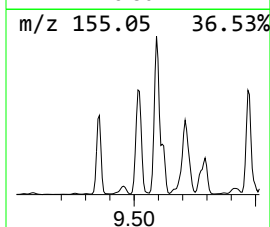
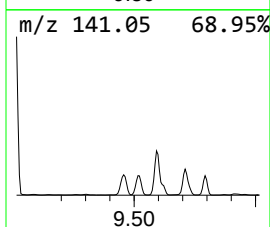
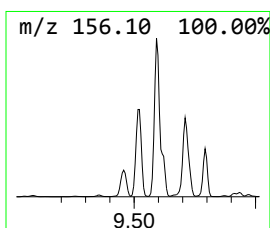
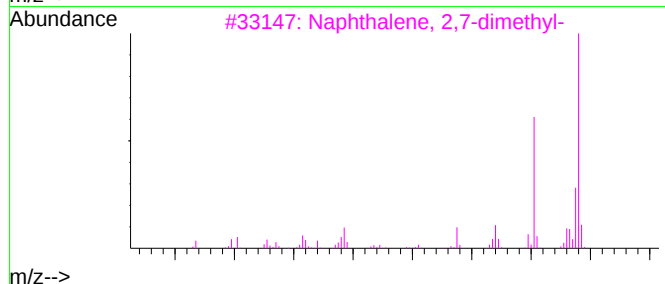
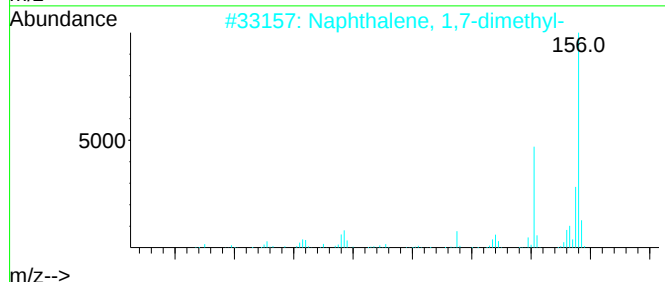
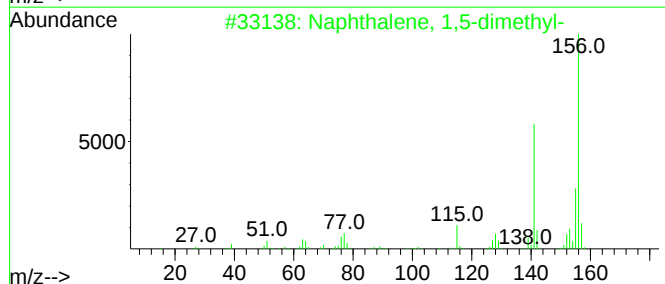
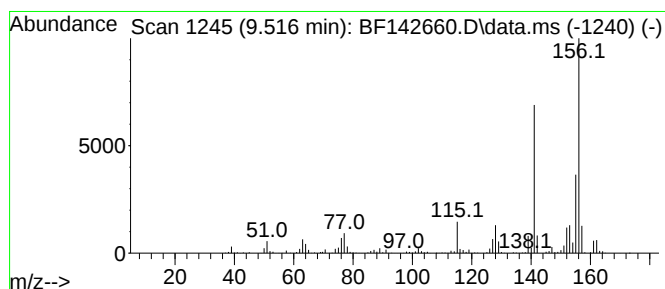
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	23.72 ng	1639690	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

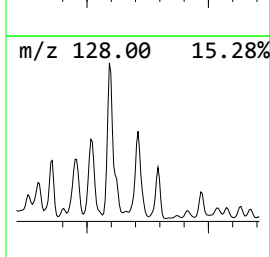
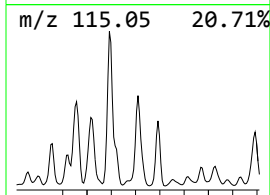
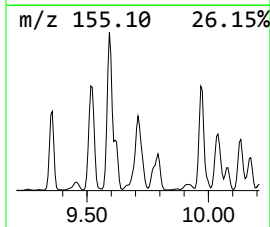
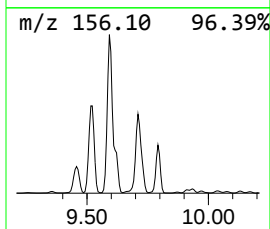
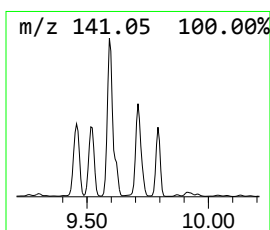
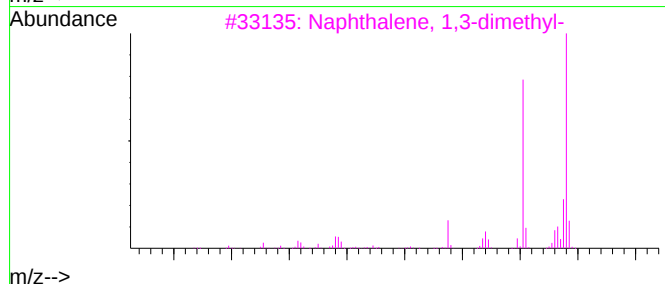
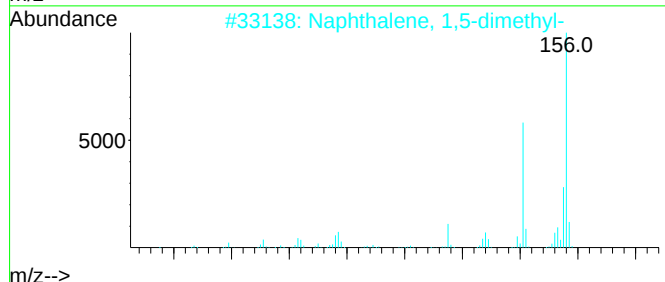
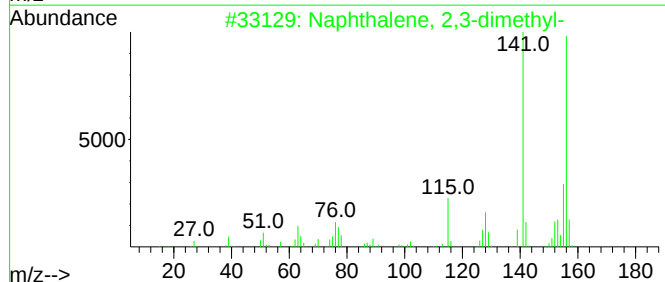
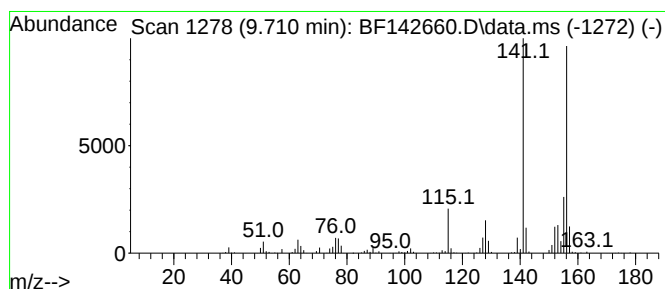
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	23.13 ng	1598720	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

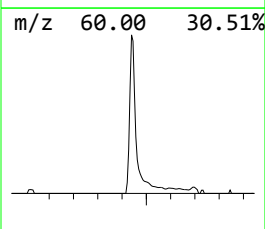
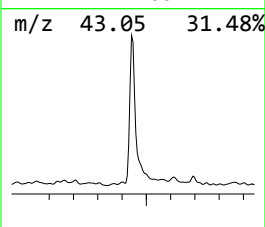
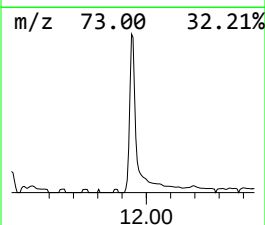
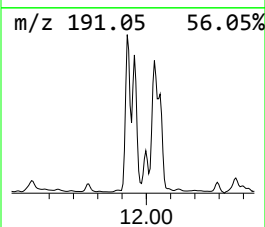
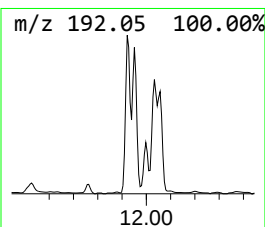
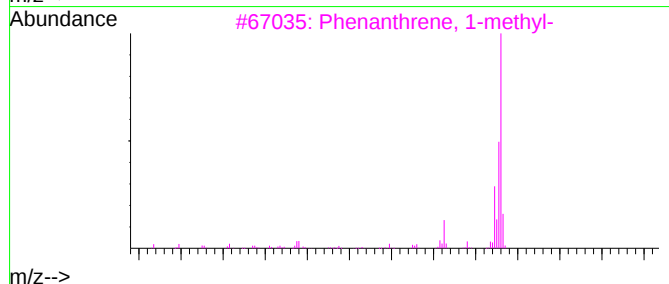
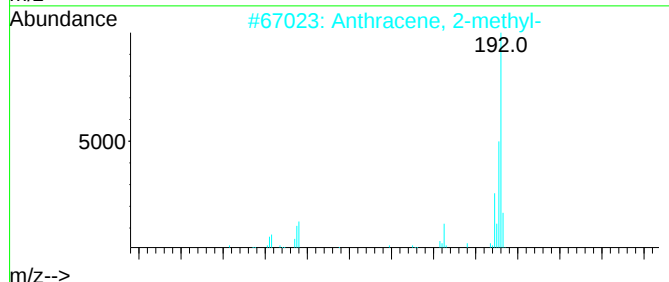
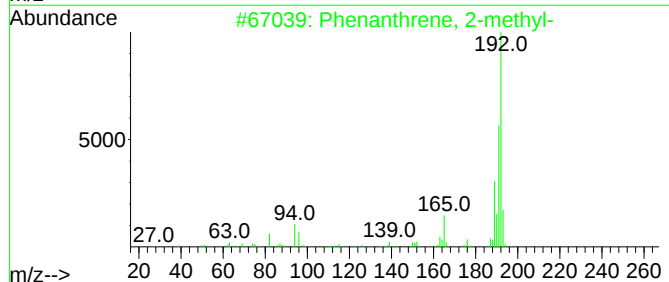
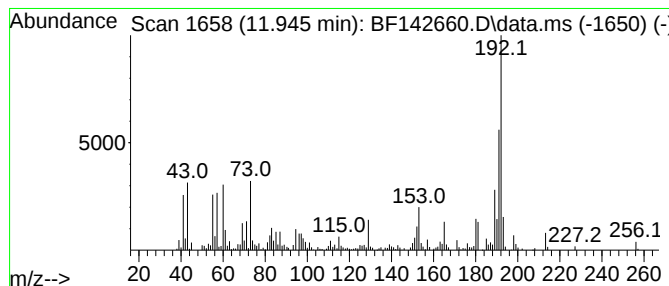
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	9.10 ng	449161	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142660.D
Acq On : 06 Jun 2025 22:01
Operator : RC/JU
Sample : Q2202-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-20250603

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.387	125.9	ng	4360860	1	6.892	692969	20.0
Cyclopentene, 1...	5.745	8.9	ng	306934	1	6.892	692969	20.0
Benzene, (1-met...	6.069	44.9	ng	1554290	1	6.892	692969	20.0
Phenethylamine,...	6.357	49.7	ng	1723510	1	6.892	692969	20.0
Benzene, 1-ethy...	6.581	75.6	ng	2620970	1	6.892	692969	20.0
Benzene, 1-ethy...	6.722	153.8	ng	5328660	1	6.892	692969	20.0
Benzene, 1,2,3-...	6.951	98.0	ng	3396710	1	6.892	692969	20.0
Benzene, 2-prop...	6.992	11.6	ng	400772	1	6.892	692969	20.0
Indane	7.081	218.3	ng	7565530	1	6.892	692969	20.0
Benzene, 1,3-di...	7.145	49.0	ng	1698720	1	6.892	692969	20.0
Benzene, 1,4-di...	7.210	45.5	ng	1576070	1	6.892	692969	20.0
Benzene, 1-meth...	7.287	10.3	ng	357653	1	6.892	692969	20.0
Benzene, 1-ethy...	7.357	34.8	ng	1204370	1	6.892	692969	20.0
unknown7.928	7.928	9.3	ng	8081910	2	8.186	17443100	20.0
Cycloprop[a]ind...	7.975	9.1	ng	7914450	2	8.186	17443100	20.0
Naphthalene, 1-...	9.457	13.9	ng	964598	3	9.933	1382580	20.0
Naphthalene, 1,...	9.516	23.7	ng	1639690	3	9.933	1382580	20.0
Naphthalene, 2,...	9.710	23.1	ng	1598720	3	9.933	1382580	20.0
Phenanthrene, 2...	11.945	9.1	ng	449161	4	11.422	987606	20.0