

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034760.D
 Acq On : 31 Oct 2024 11:00
 Operator : RC/JU
 Sample : P4476-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA106

Quant Time: Oct 31 11:29:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

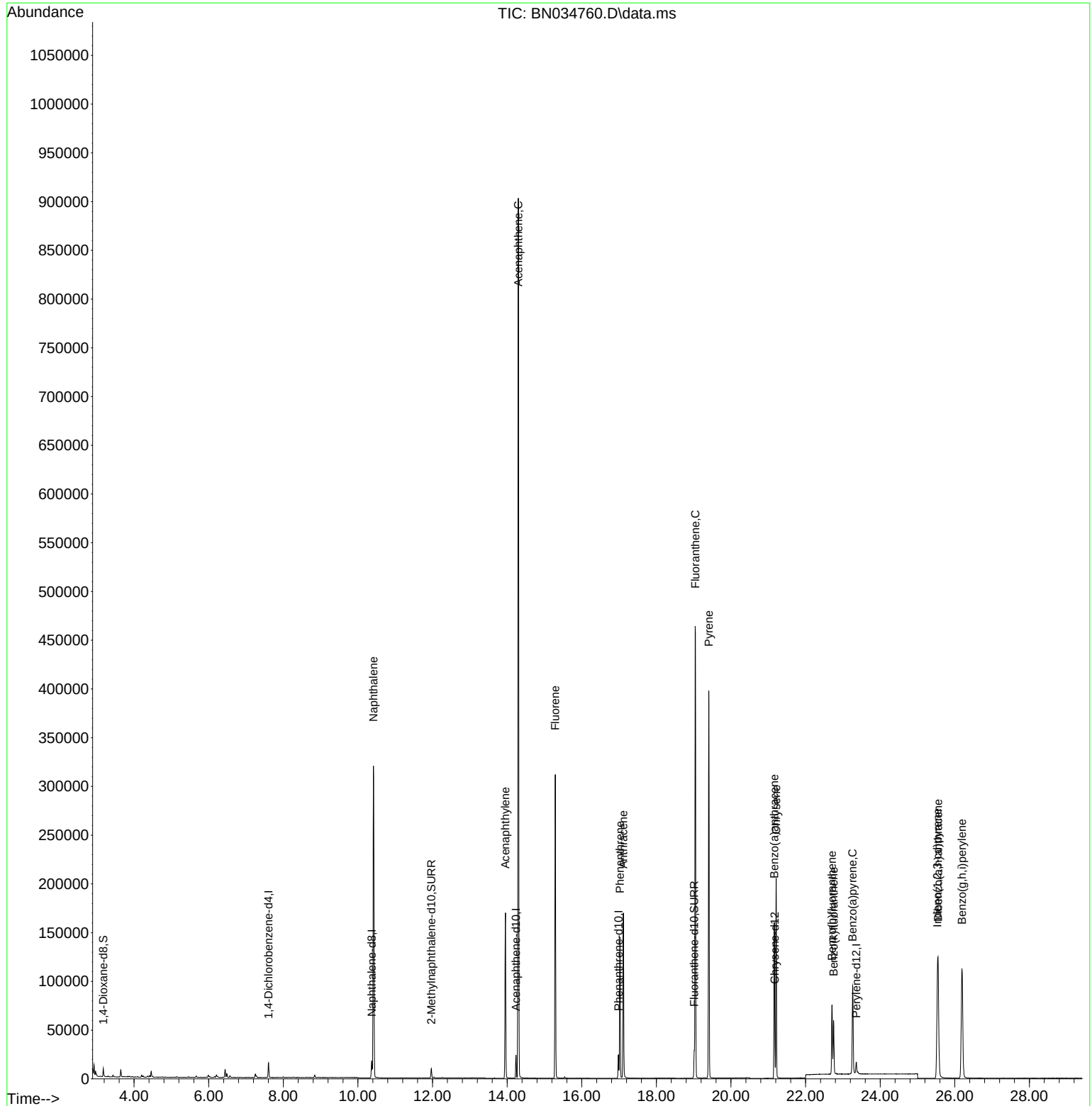
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	7232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.372	136	22367	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	12479	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	25909	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	17998	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	14986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	5108	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	11721	0.418	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	25071	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.416	128	423560	7.150	ng/ul	99
10) Acenaphthylene	13.954	152	181859	3.201	ng/ul	99
11) Acenaphthene	14.301	153	503584	11.589	ng/ul	98
12) Fluorene	15.291	166	180152	3.722	ng/ul	98
15) Phenanthrene	17.021	178	150683	1.924	ng/ul	100
16) Anthracene	17.114	178	172602	2.380	ng/ul	99
19) Fluoranthene	19.047	202	382226	4.378	ng/ul	99
20) Pyrene	19.404	202	310604	3.417	ng/ul	97
21) Benzo(a)anthracene	21.160	228	129493	1.798	ng/ul	99
22) Chrysene	21.213	228	167195	2.318	ng/ul	100
24) Benzo(b)fluoranthene	22.709	252	81986	1.344	ng/ul	94
25) Benzo(k)fluoranthene	22.750	252	65827	1.070	ng/ul	94
26) Benzo(a)pyrene	23.261	252	121147	2.307	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.534	276	126544	2.263	ng/ul	95
28) Dibenzo(a,h)anthracene	25.554	278	128626	3.043	ng/ul	95
29) Benzo(g,h,i)perylene	26.191	276	201341	4.582	ng/ul	96

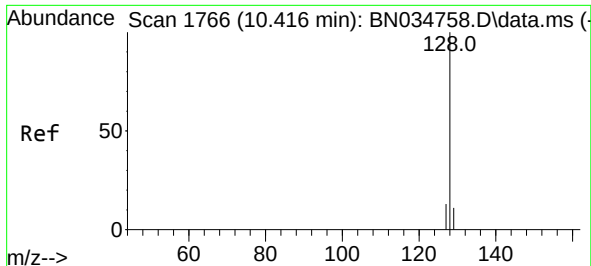
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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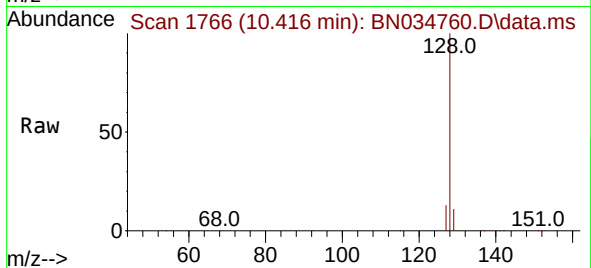
Quant Time: Oct 31 11:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
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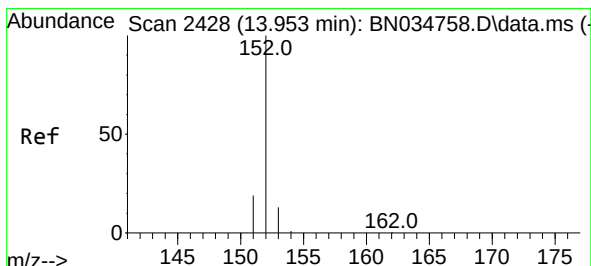
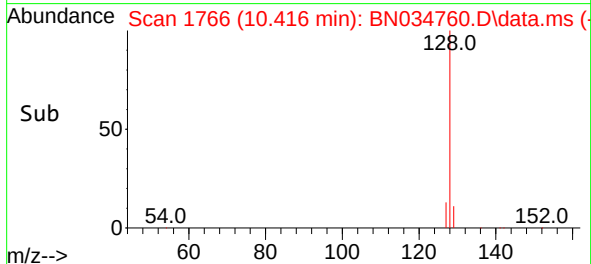
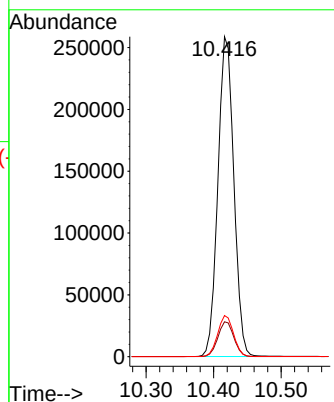


#5
Naphthalene
Concen: 7.150 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Instrument :
BNA_N
ClientSampleId :
XA106

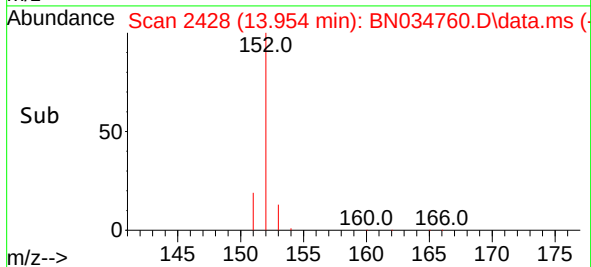
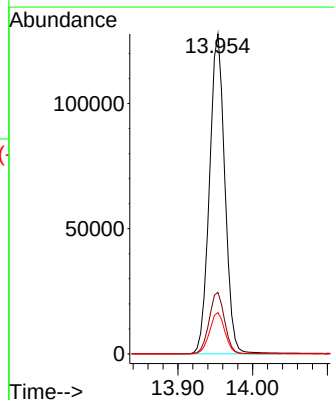
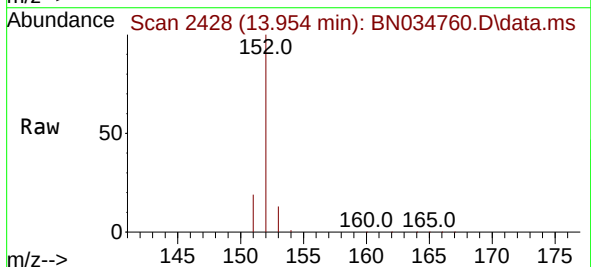


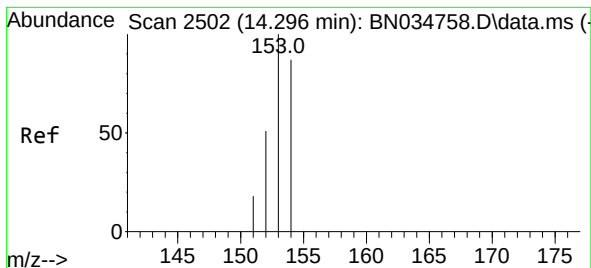
Tgt Ion:128 Resp: 423560
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.5 15.7



#10
Acenaphthylene
Concen: 3.201 ng/ul
RT: 13.954 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Tgt Ion:152 Resp: 181859
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 12.9 10.7 16.1





#11

Acenaphthene

Concen: 11.589 ng/ul

RT: 14.301 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BN034760.D

Acq: 31 Oct 2024 11:00

Instrument :

BNA_N

ClientSampleId :

XA106

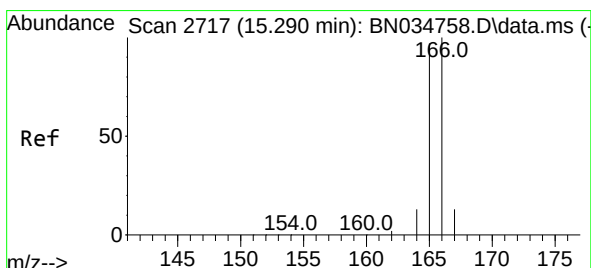
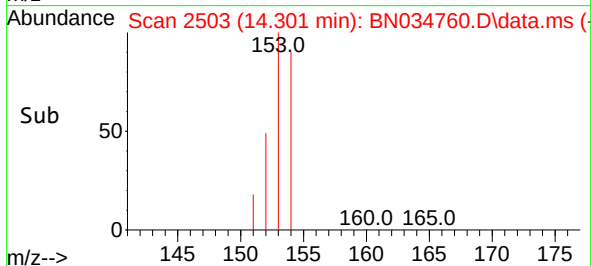
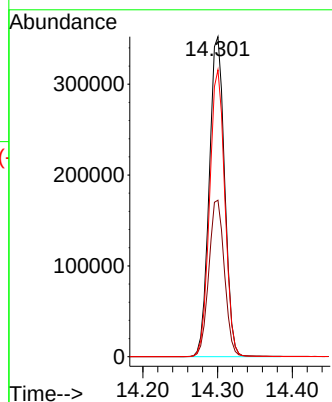
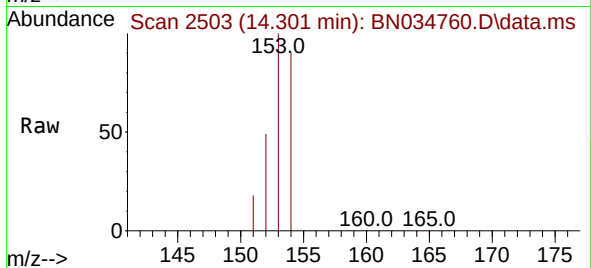
Tgt Ion:153 Resp: 503584

Ion Ratio Lower Upper

153 100

152 48.9 40.3 60.5

154 89.6 69.9 104.9



#12

Fluorene

Concen: 3.722 ng/ul

RT: 15.291 min Scan# 2717

Delta R.T. 0.000 min

Lab File: BN034760.D

Acq: 31 Oct 2024 11:00

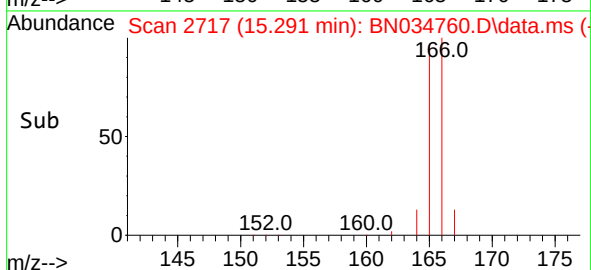
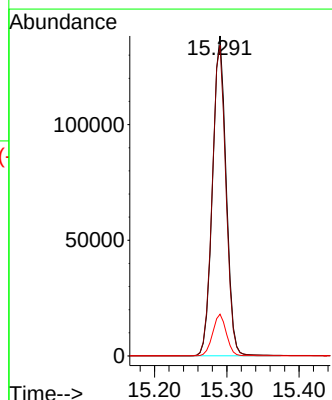
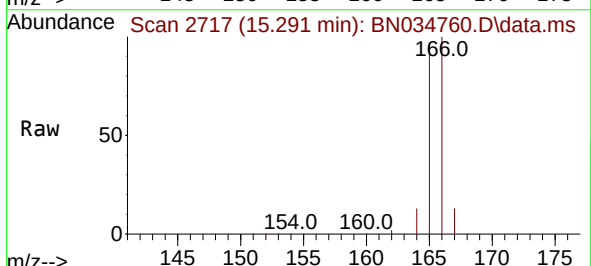
Tgt Ion:166 Resp: 180152

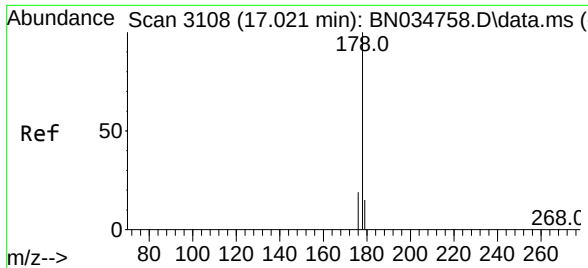
Ion Ratio Lower Upper

166 100

165 97.1 79.1 118.7

167 13.1 11.0 16.4

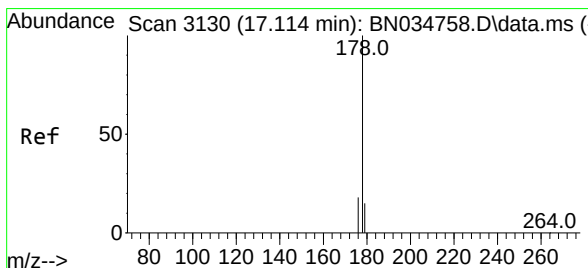
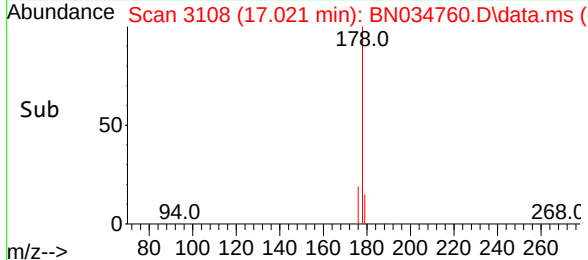
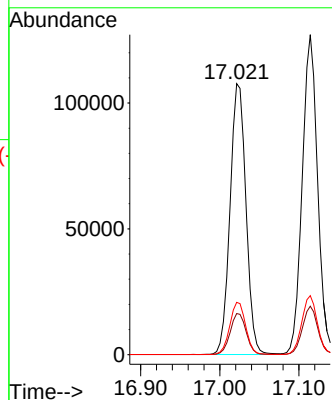
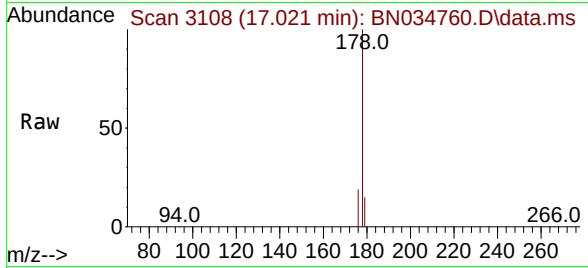




#15
 Phenanthrene
 Concen: 1.924 ng/ul
 RT: 17.021 min Scan# 3108
 Delta R.T. -0.004 min
 Lab File: BN034760.D
 Acq: 31 Oct 2024 11:00

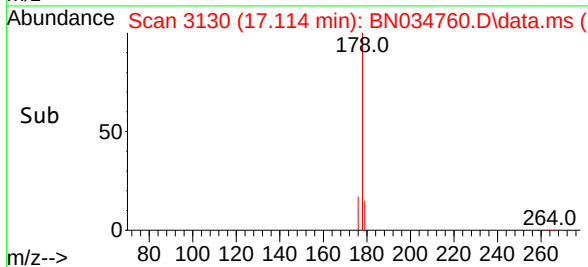
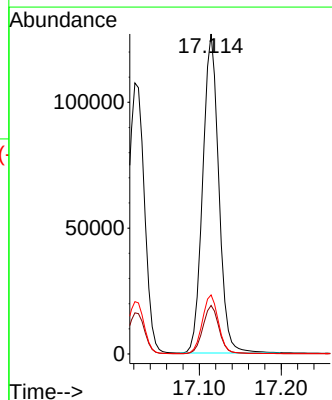
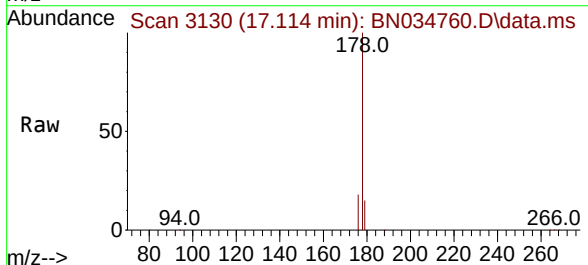
Instrument :
 BNA_N
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 XA106

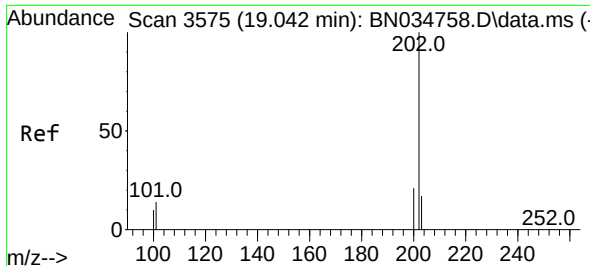
Tgt Ion:178 Resp: 150683
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.4 18.6
 176 19.3 15.4 23.0



#16
 Anthracene
 Concen: 2.380 ng/ul
 RT: 17.114 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BN034760.D
 Acq: 31 Oct 2024 11:00

Tgt Ion:178 Resp: 172602
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.3 18.5
 176 18.4 15.1 22.7

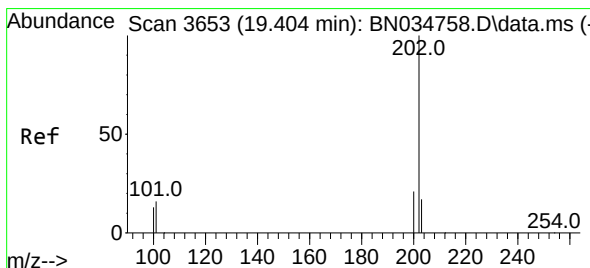
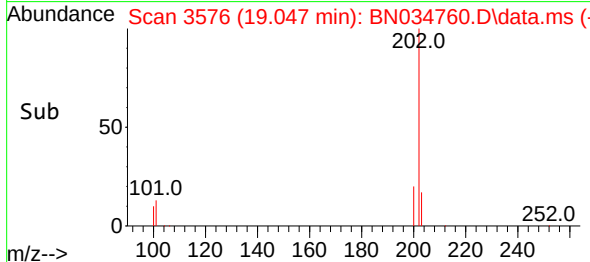
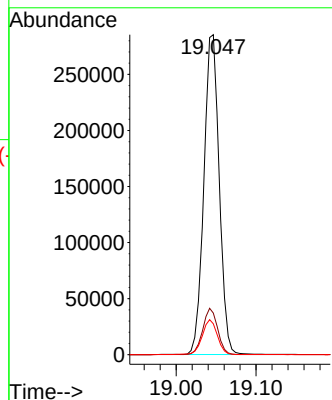
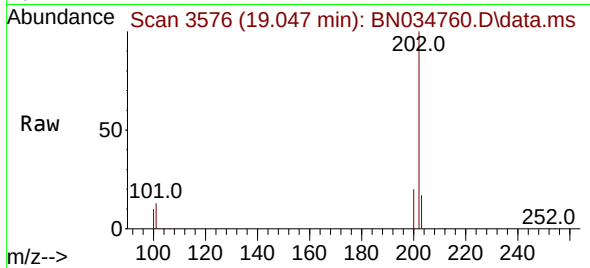




#19
Fluoranthene
Concen: 4.378 ng/ul
RT: 19.047 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

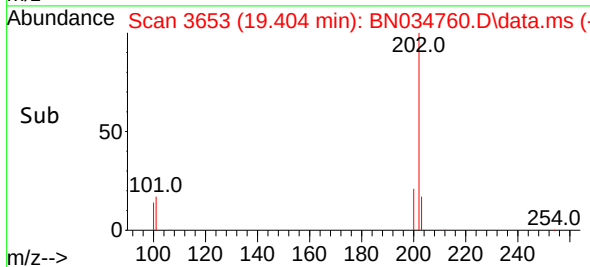
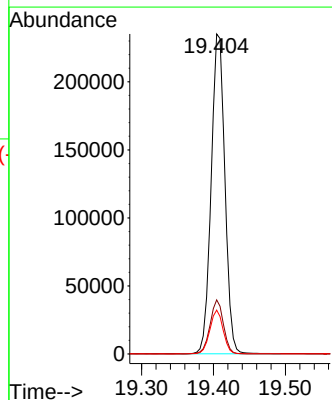
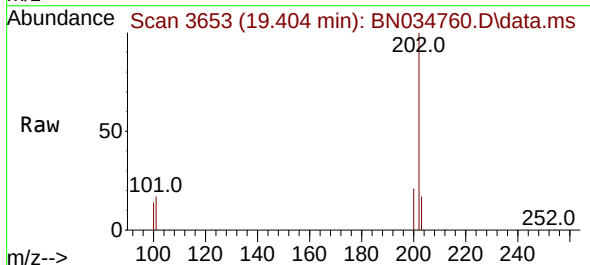
Instrument :
BNA_N
ClientSampleId :
XA106

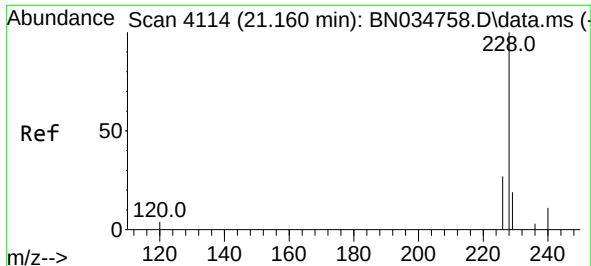
Tgt Ion:202 Resp: 382226
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 9.7 8.2 12.2



#20
Pyrene
Concen: 3.417 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Tgt Ion:202 Resp: 310604
Ion Ratio Lower Upper
202 100
101 16.9 12.4 18.6
100 13.7 10.0 15.0

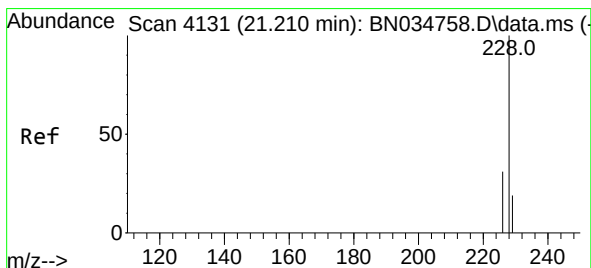
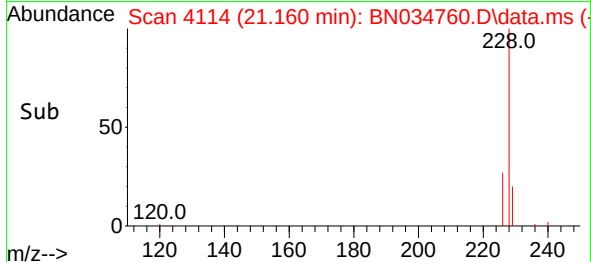
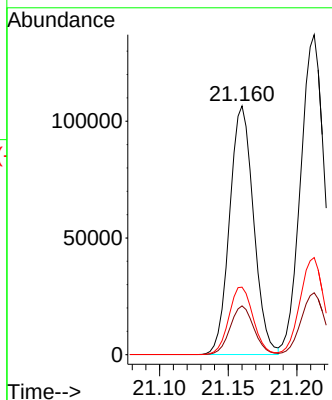
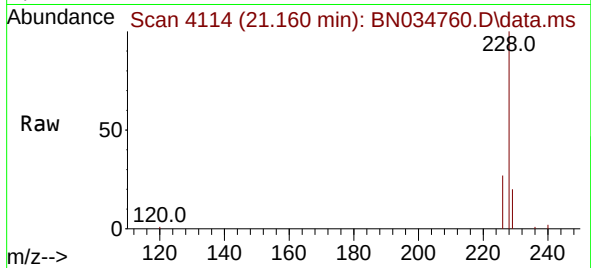




#21
Benzo(a)anthracene
Concen: 1.798 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

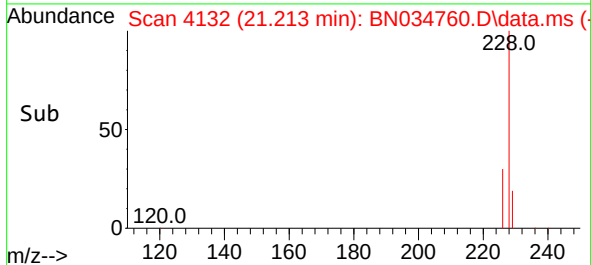
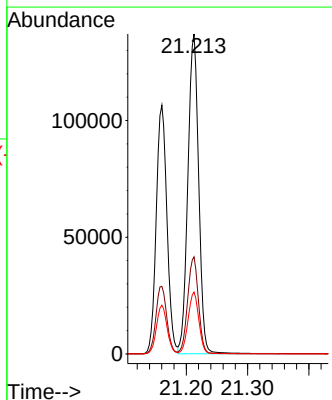
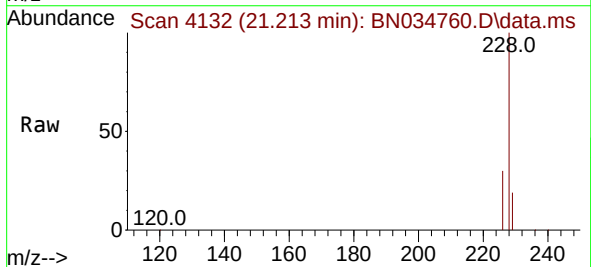
Instrument :
BNA_N
ClientSampleId :
XA106

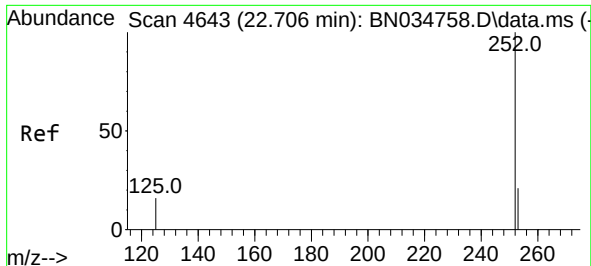
Tgt Ion:228 Resp: 129493
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.2 22.1 33.1



#22
Chrysene
Concen: 2.318 ng/ul
RT: 21.213 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

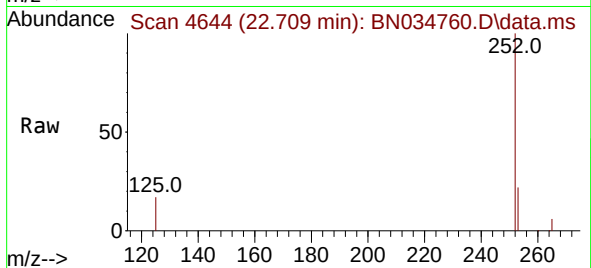
Tgt Ion:228 Resp: 167195
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.3 15.6 23.4



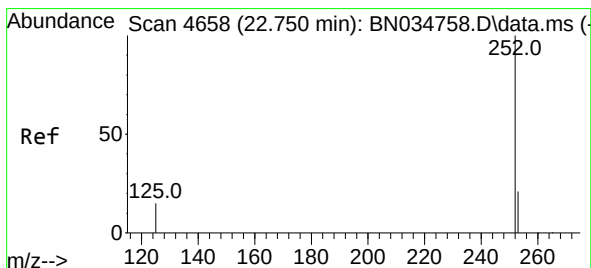
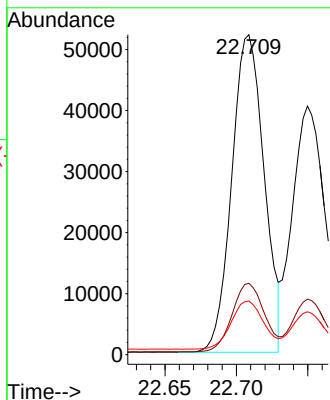


#24
Benzo(b)fluoranthene
Concen: 1.344 ng/ul
RT: 22.709 min Scan# 4644
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Instrument :
BNA_N
ClientSampleId :
XA106

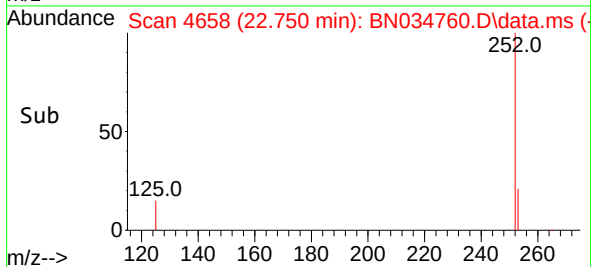
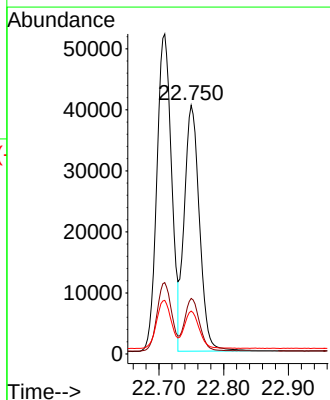
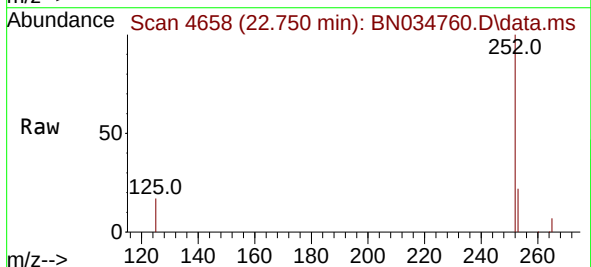


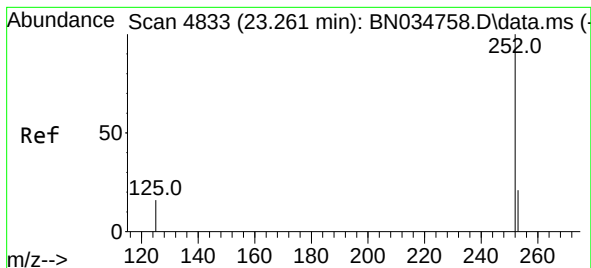
Tgt Ion:252 Resp: 81986
Ion Ratio Lower Upper
252 100
253 22.3 0.0 47.6
125 16.7 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 1.070 ng/ul
RT: 22.750 min Scan# 4658
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Tgt Ion:252 Resp: 65827
Ion Ratio Lower Upper
252 100
253 22.3 19.1 28.7
125 17.2 17.0 25.4





#26

Benzo(a)pyrene

Concen: 2.307 ng/ul

RT: 23.261 min Scan# 4833

Delta R.T. -0.003 min

Lab File: BN034760.D

Acq: 31 Oct 2024 11:00

Instrument :

BNA_N

ClientSampleId :

XA106

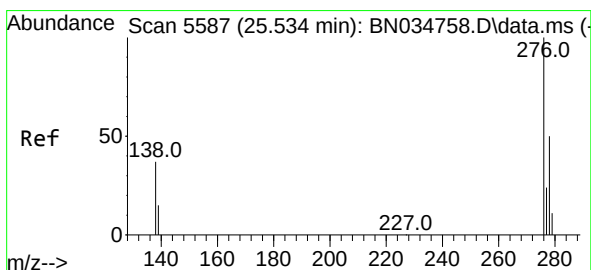
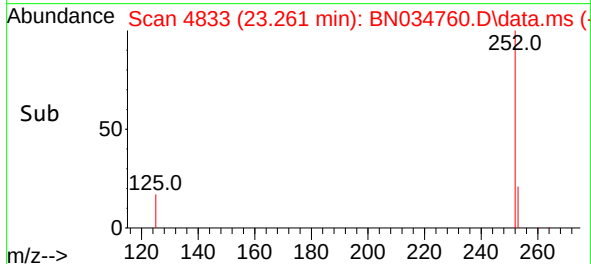
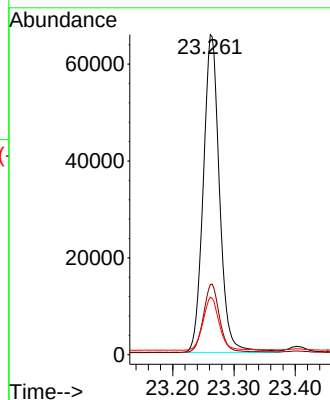
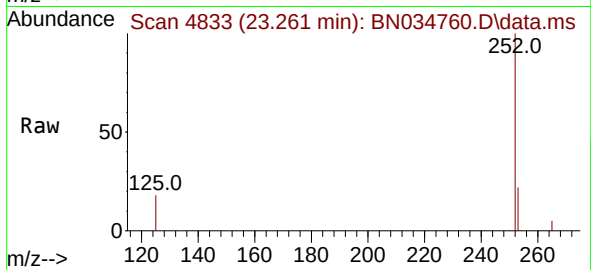
Tgt Ion:252 Resp: 121147

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

125 18.0 19.8 29.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.263 ng/ul

RT: 25.534 min Scan# 5587

Delta R.T. -0.003 min

Lab File: BN034760.D

Acq: 31 Oct 2024 11:00

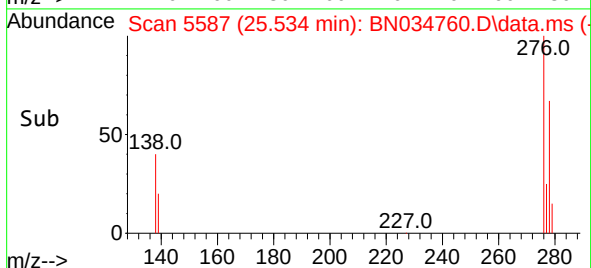
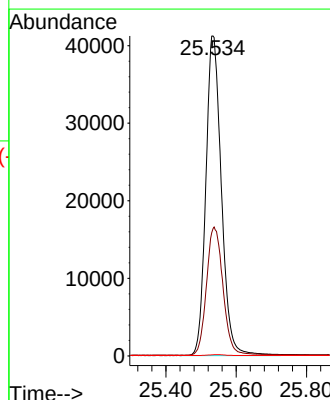
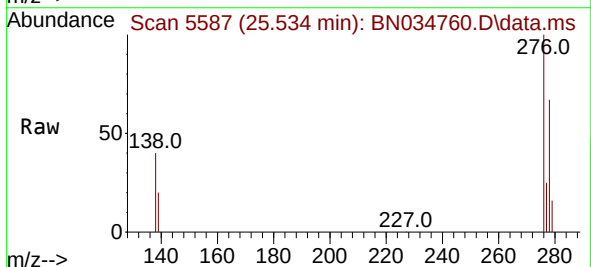
Tgt Ion:276 Resp: 126544

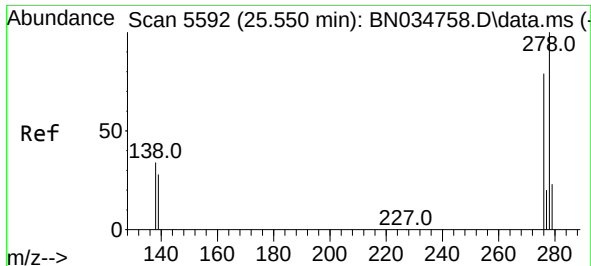
Ion Ratio Lower Upper

276 100

138 42.5 31.8 47.6

227 0.3 0.2 0.4

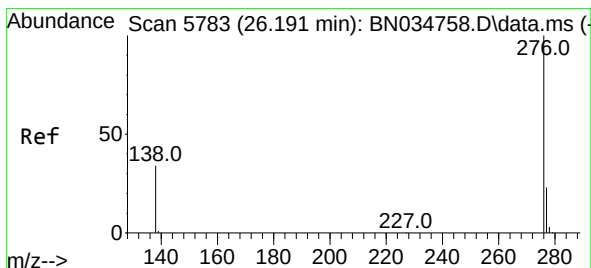
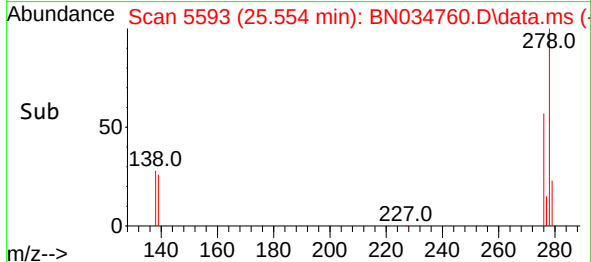
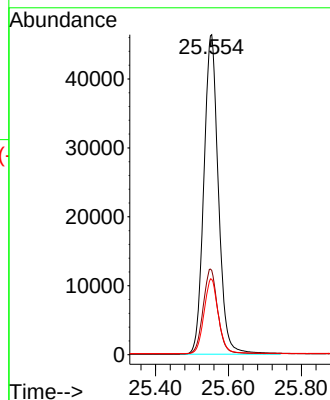
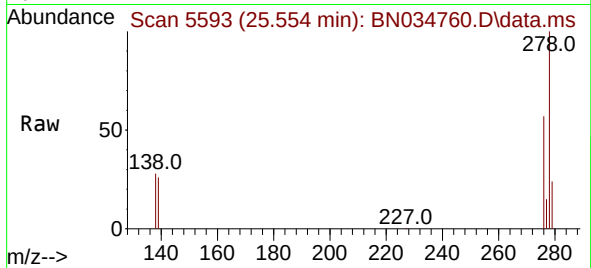




#28
Dibenzo(a,h)anthracene
Concen: 3.043 ng/ul
RT: 25.554 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Instrument :
BNA_N
ClientSampleId :
XA106

Tgt Ion:278 Resp: 128626
Ion Ratio Lower Upper
278 100
139 26.4 23.4 35.2
279 23.5 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 4.582 ng/ul
RT: 26.191 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BN034760.D
Acq: 31 Oct 2024 11:00

Tgt Ion:276 Resp: 201341
Ion Ratio Lower Upper
276 100
138 33.9 28.8 43.2
277 23.4 20.2 30.2

