

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034762.D
 Acq On : 31 Oct 2024 12:21
 Operator : RC/JU
 Sample : P4476-07DL2 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA106DL2

Quant Time: Oct 31 12:51:15 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)

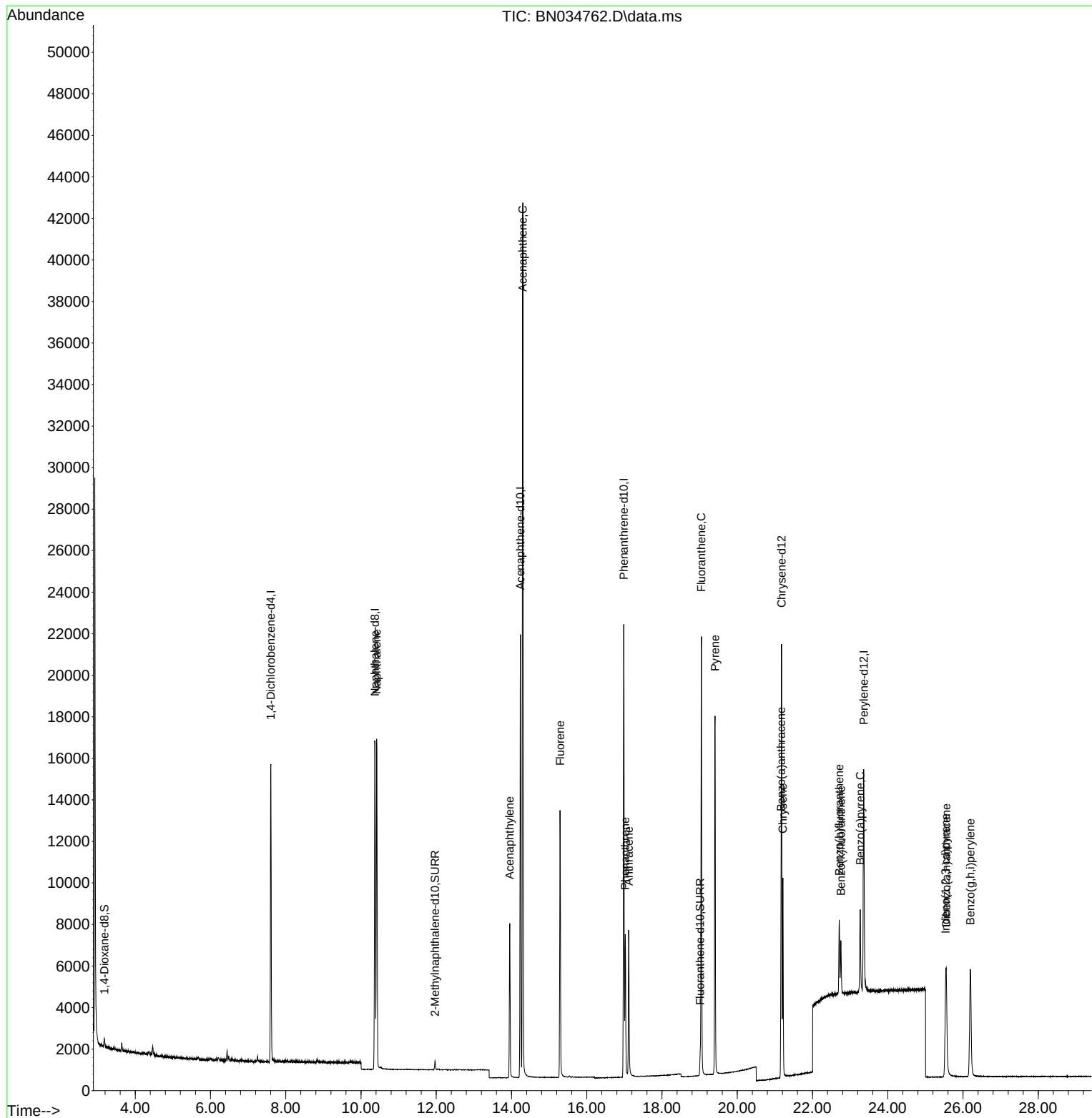
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	7065	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	20850	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	11354	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	24341	0.400	ng/ul	0.00
17) Chrysene-d12	21.177	240	15860	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	13651	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.178	96	292	0.040	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	570	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	1276	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.416	128	21237	0.385	ng/ul	100
10) Acenaphthylene	13.953	152	8175	0.158	ng/ul	97
11) Acenaphthene	14.300	153	24148	0.611	ng/ul	99
12) Fluorene	15.290	166	8313	0.189	ng/ul	99
15) Phenanthrene	17.021	178	7368	0.100	ng/ul	97
16) Anthracene	17.114	178	7628	0.112	ng/ul	98
19) Fluoranthene	19.046	202	17972	0.234	ng/ul	100
20) Pyrene	19.409	202	14736	0.184	ng/ul	99
21) Benzo(a)anthracene	21.163	228	5889	0.093	ng/ul	99
22) Chrysene	21.212	228	8071	0.127	ng/ul	99
24) Benzo(b)fluoranthene	22.709	252	3923	0.071	ng/ul#	68
25) Benzo(k)fluoranthene	22.752	252	3124	0.056	ng/ul#	50
26) Benzo(a)pyrene	23.267	252	5433	0.114	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.537	276	5703	0.112	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.554	278	5715	0.148	ng/ul#	93
29) Benzo(g,h,i)perylene	26.194	276	9531	0.238	ng/ul	98

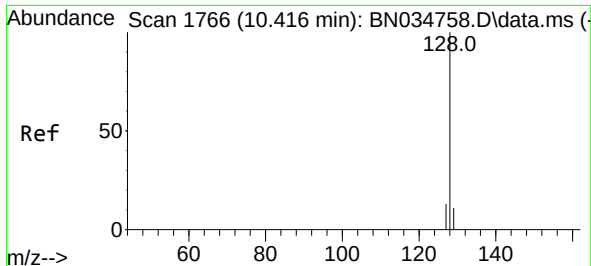
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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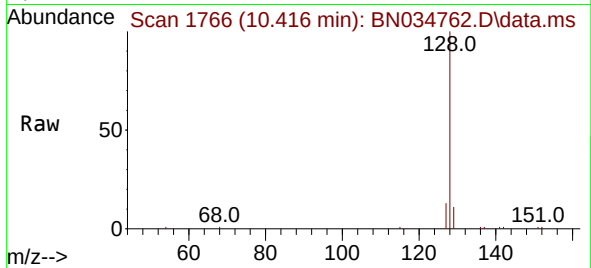
Quant Time: Oct 31 12:51:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
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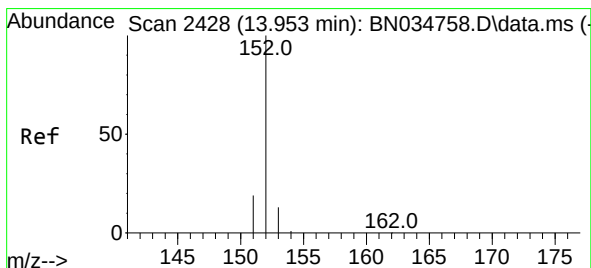
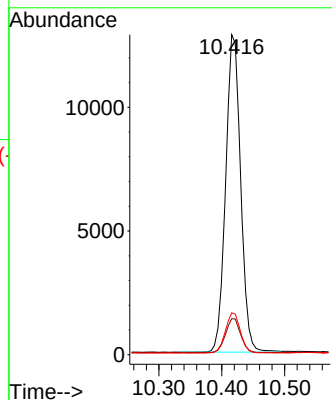
#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Instrument :
BNA_N
ClientSampleId :
XA106DL2



Tgt Ion:128 Resp: 21237

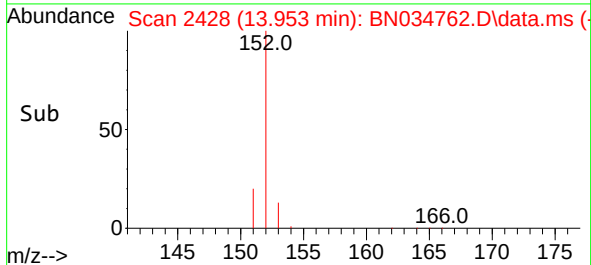
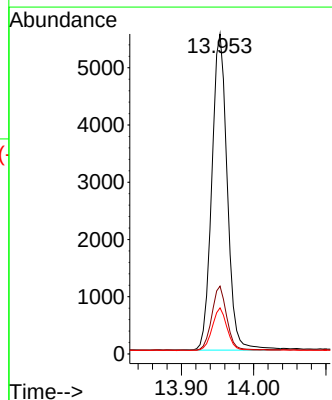
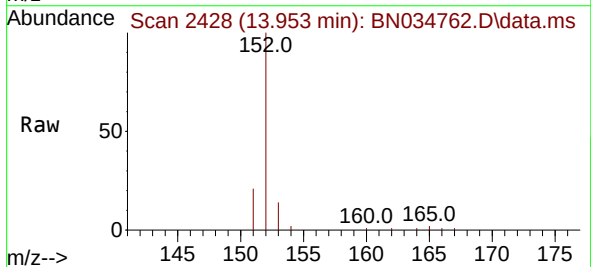
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.0	10.5	15.7

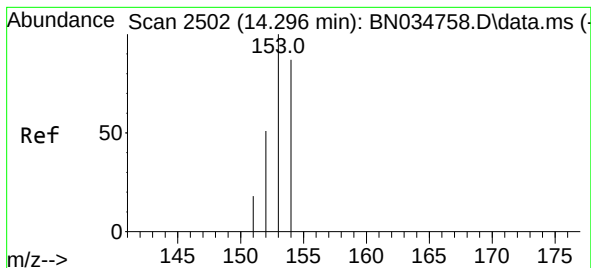


#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 13.953 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Tgt Ion:152 Resp: 8175

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.0	24.0
153	14.4	10.7	16.1





#11

Acenaphthene

Concen: 0.611 ng/ul

RT: 14.300 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN034762.D

Acq: 31 Oct 2024 12:21

Instrument :

BNA_N

ClientSampleId :

XA106DL2

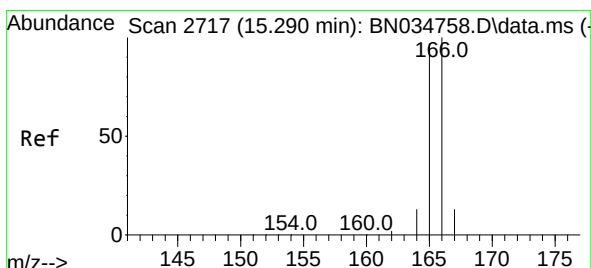
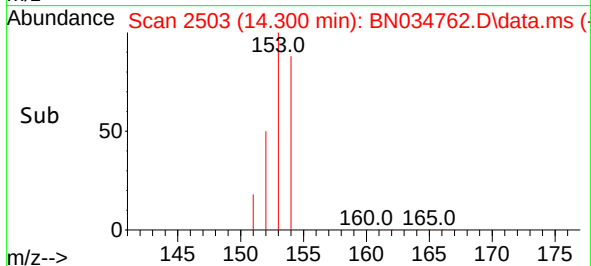
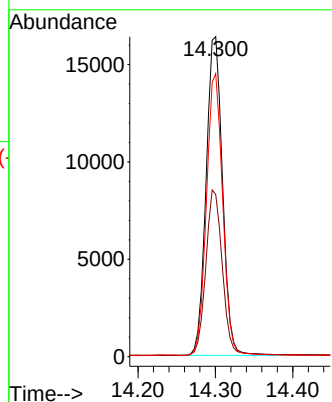
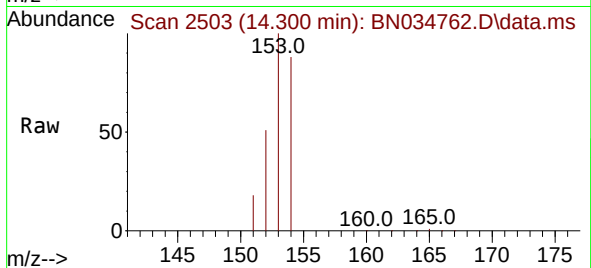
Tgt Ion:153 Resp: 24148

Ion Ratio Lower Upper

153 100

152 50.7 40.3 60.5

154 88.5 69.9 104.9



#12

Fluorene

Concen: 0.189 ng/ul

RT: 15.290 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BN034762.D

Acq: 31 Oct 2024 12:21

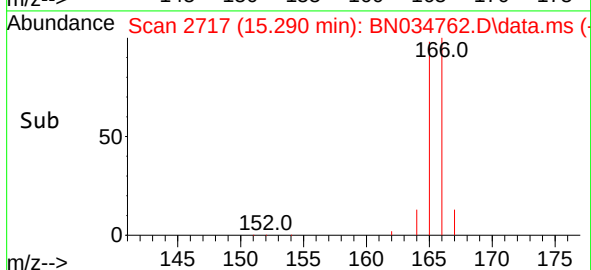
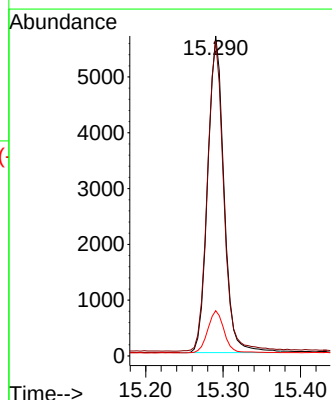
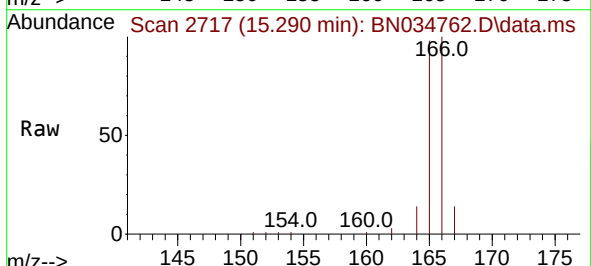
Tgt Ion:166 Resp: 8313

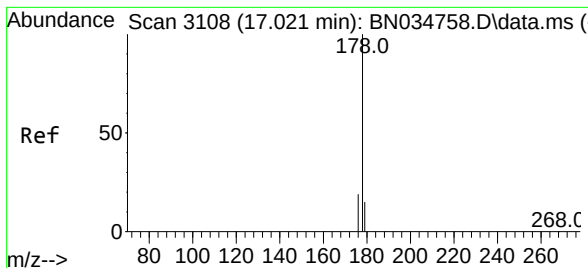
Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

167 14.1 11.0 16.4





#15

Phenanthrene

Concen: 0.100 ng/u1

RT: 17.021 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BN034762.D

Acq: 31 Oct 2024 12:21

Instrument :

BNA_N

ClientSampleId :

XA106DL2

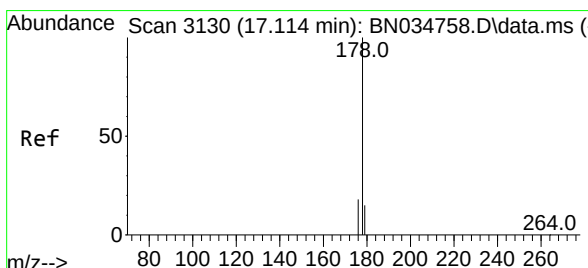
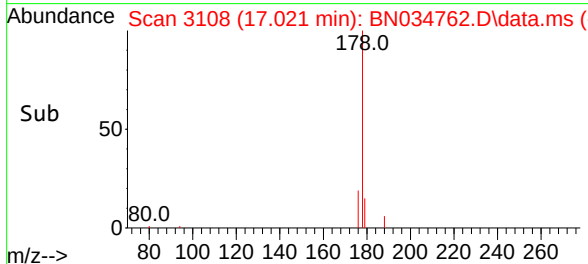
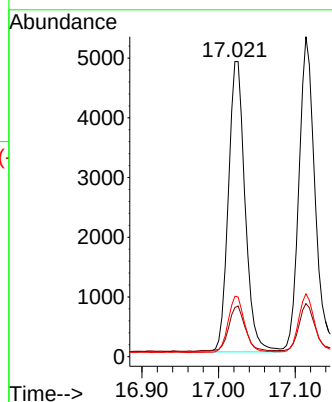
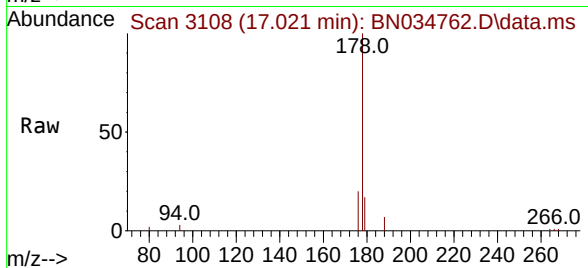
Tgt Ion:178 Resp: 7368

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 20.5 15.4 23.0



#16

Anthracene

Concen: 0.112 ng/u1

RT: 17.114 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BN034762.D

Acq: 31 Oct 2024 12:21

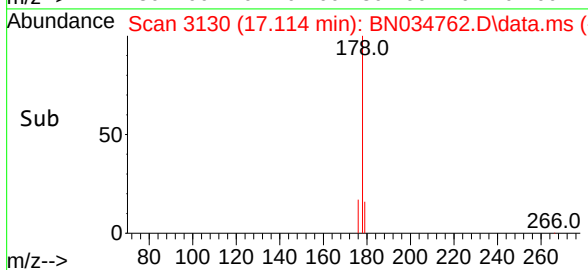
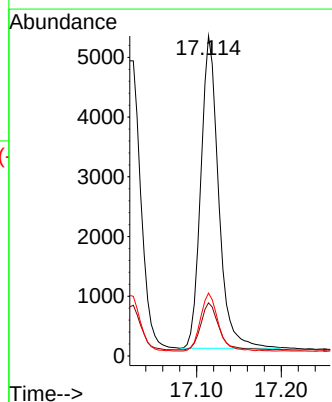
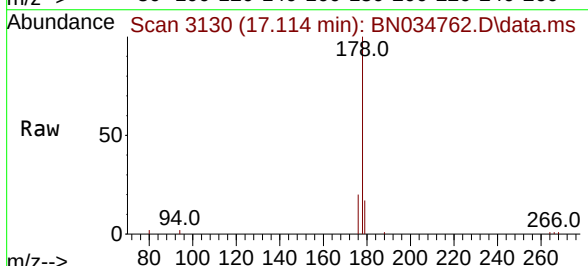
Tgt Ion:178 Resp: 7628

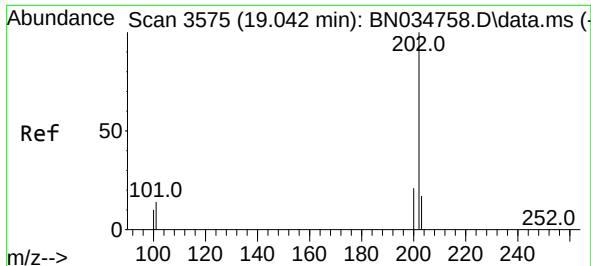
Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

176 19.7 15.1 22.7

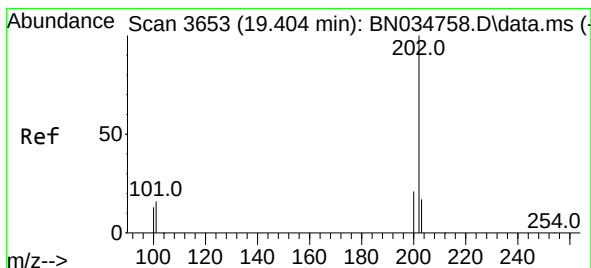
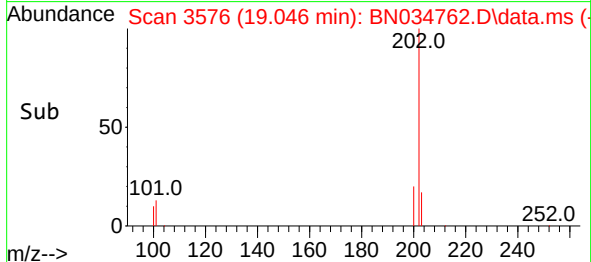
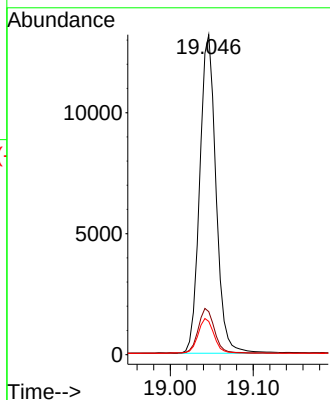
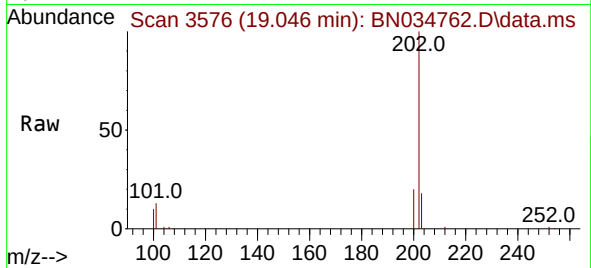




#19
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.046 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

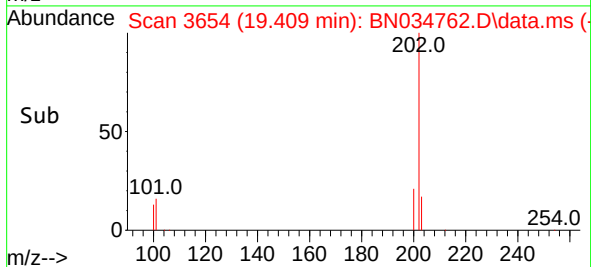
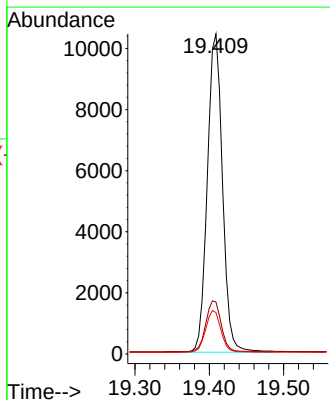
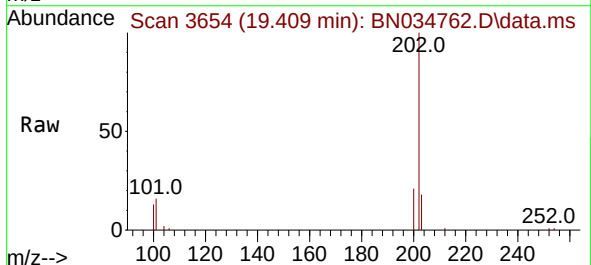
Instrument :
BNA_N
ClientSampleId :
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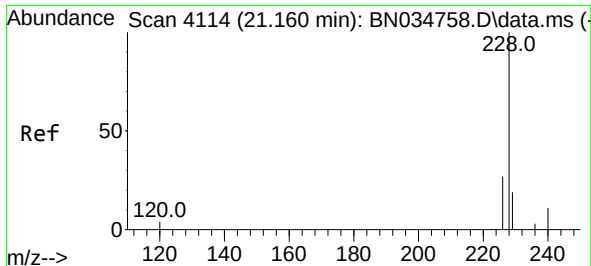
Tgt Ion:202 Resp: 17972
Ion Ratio Lower Upper
202 100
101 13.4 10.8 16.2
100 10.4 8.2 12.2



#20
Pyrene
Concen: 0.184 ng/ul
RT: 19.409 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

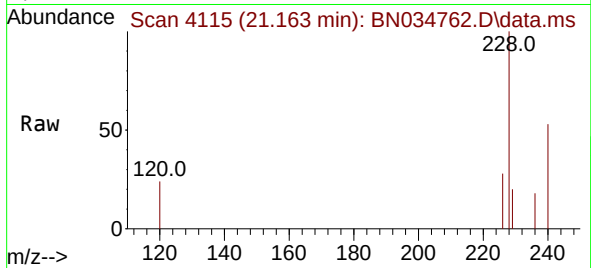
Tgt Ion:202 Resp: 14736
Ion Ratio Lower Upper
202 100
101 16.2 12.4 18.6
100 13.0 10.0 15.0



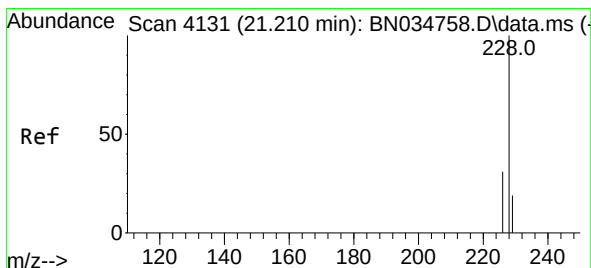
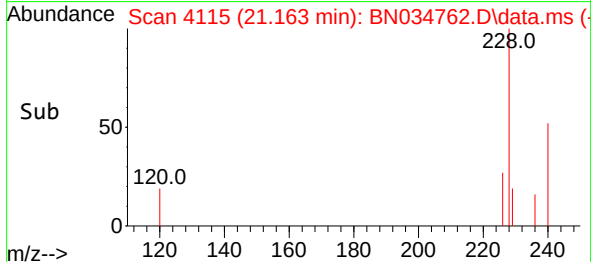
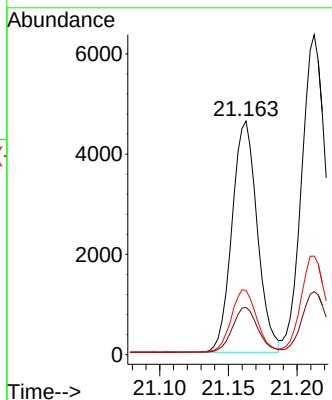


#21
Benzo(a)anthracene
Concen: 0.093 ng/ul
RT: 21.163 min Scan# 4115
Delta R.T. 0.003 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Instrument :
BNA_N
ClientSampleId :
XA106DL2

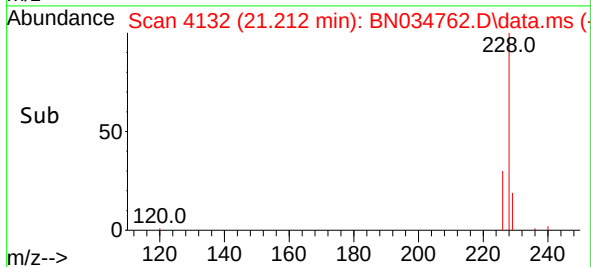
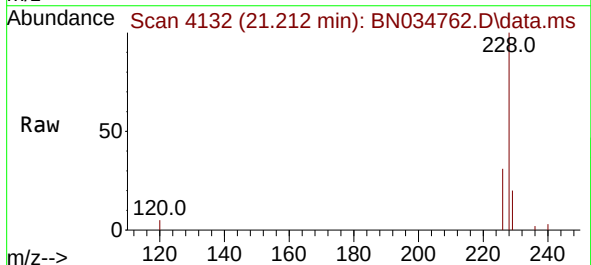
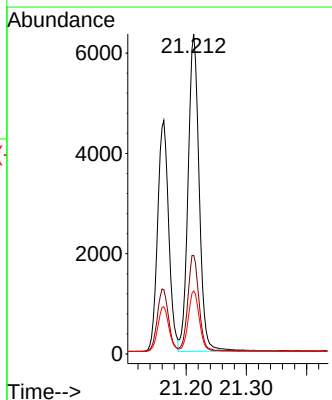


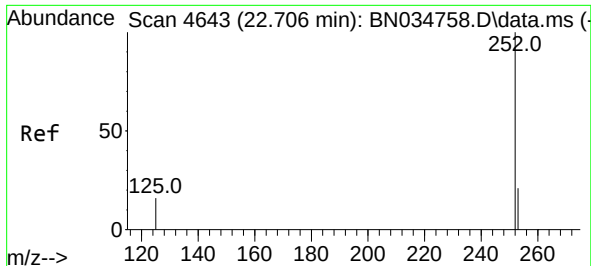
Tgt Ion:228 Resp: 5889
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.127 ng/ul
RT: 21.212 min Scan# 4132
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Tgt Ion:228 Resp: 8071
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.7 15.6 23.4

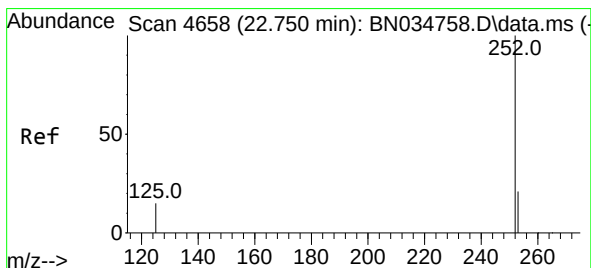
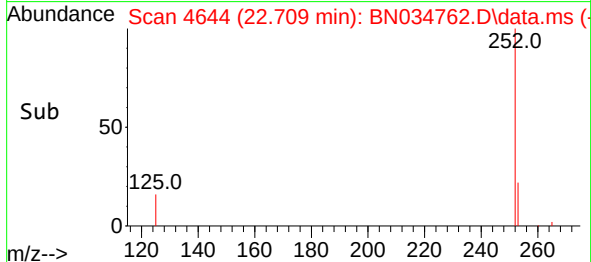
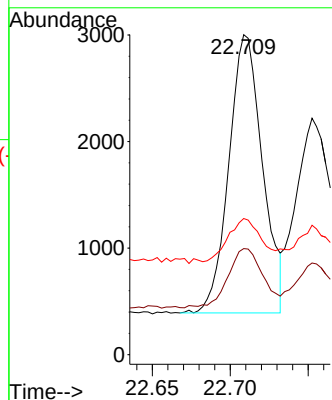
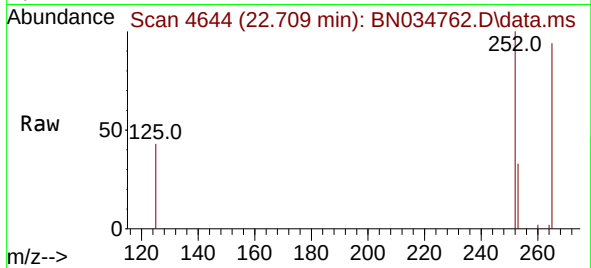




#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul
RT: 22.709 min Scan# 4644
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

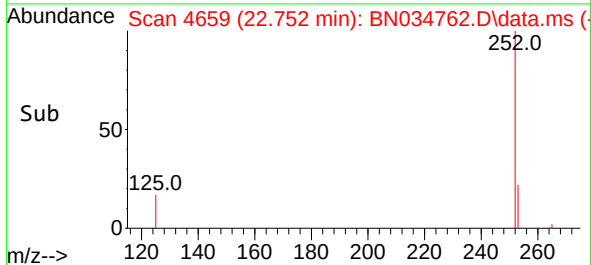
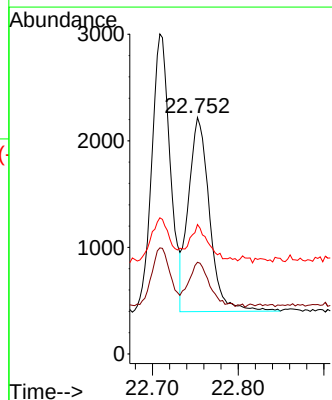
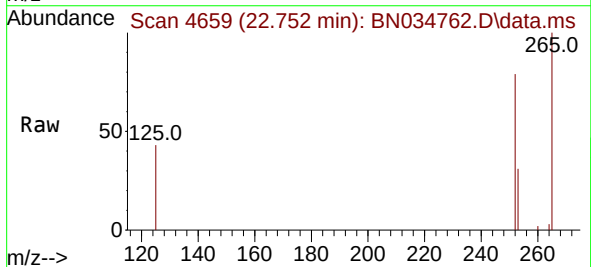
Instrument :
BNA_N
ClientSampleId :
XA106DL2

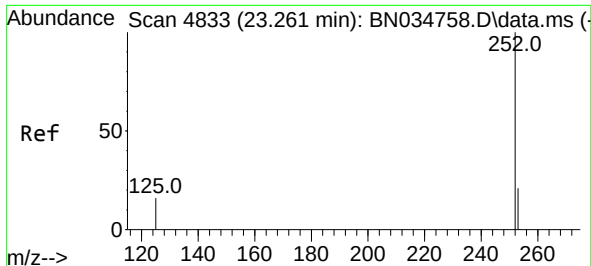
Tgt Ion:252 Resp: 3923
Ion Ratio Lower Upper
252 100
253 33.1 0.0 47.6
125 42.6 0.0 41.4#



#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul
RT: 22.752 min Scan# 4659
Delta R.T. 0.003 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

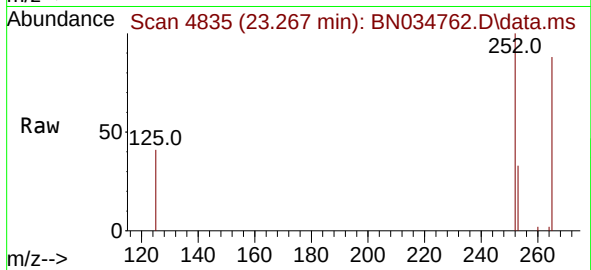
Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 38.8 19.1 28.7#
125 54.8 17.0 25.4#



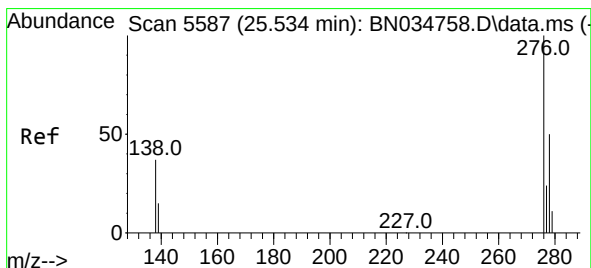
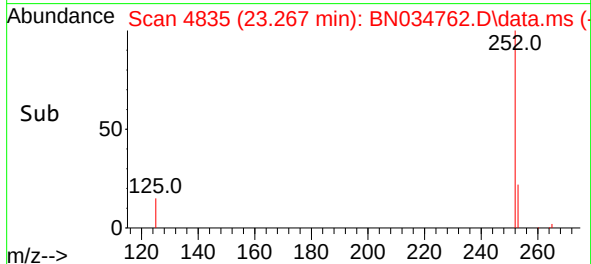
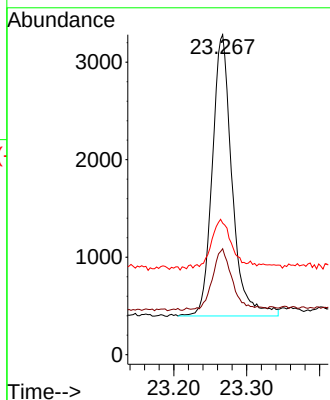


#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.267 min Scan# 4835
Delta R.T. 0.003 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Instrument :
BNA_N
ClientSampleId :
XA106DL2

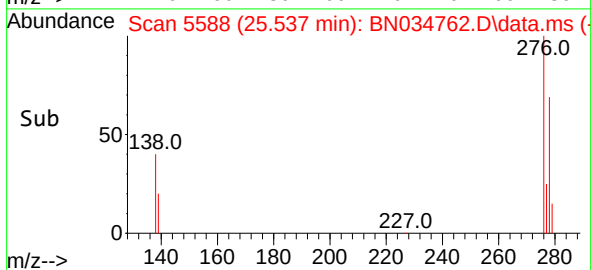
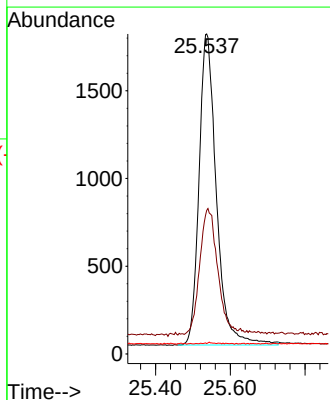
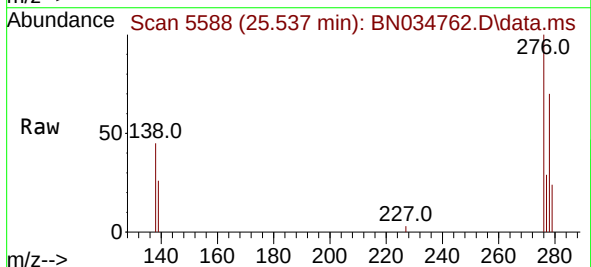


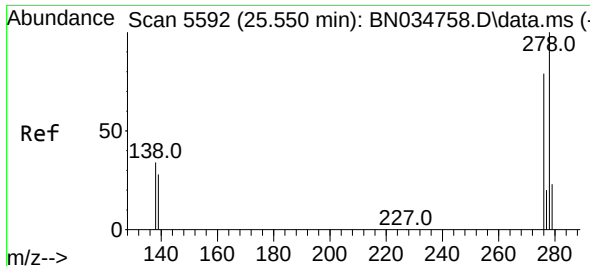
Tgt Ion:252 Resp: 5433
Ion Ratio Lower Upper
252 100
253 33.1 20.0 30.0#
125 41.1 19.8 29.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 25.537 min Scan# 5588
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Tgt Ion:276 Resp: 5703
Ion Ratio Lower Upper
276 100
138 41.6 31.8 47.6
227 0.2 0.2 0.4#

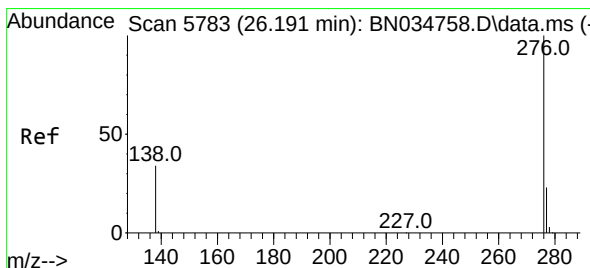
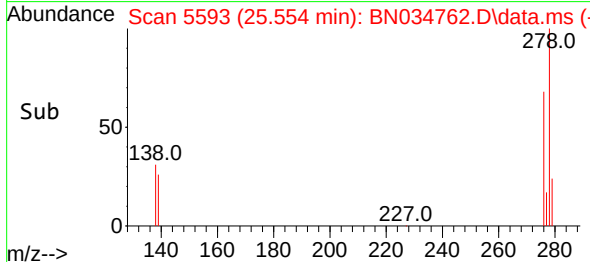
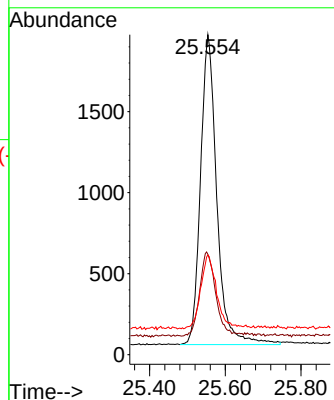
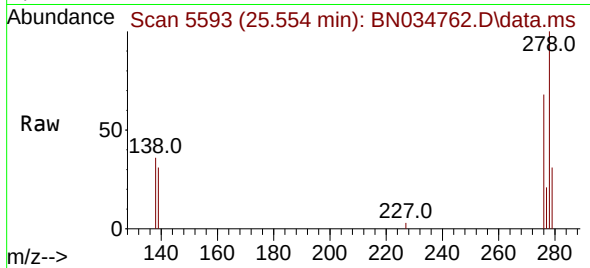




#28
Dibenzo(a,h)anthracene
Concen: 0.148 ng/ul
RT: 25.554 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Instrument :
BNA_N
ClientSampleId :
XA106DL2

Tgt Ion:278 Resp: 5715
Ion Ratio Lower Upper
278 100
139 31.3 23.4 35.2
279 31.1 20.6 31.0#



#29
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 26.194 min Scan# 5784
Delta R.T. -0.000 min
Lab File: BN034762.D
Acq: 31 Oct 2024 12:21

Tgt Ion:276 Resp: 9531
Ion Ratio Lower Upper
276 100
138 37.3 28.8 43.2
277 25.8 20.2 30.2

