

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034765.D
 Acq On : 31 Oct 2024 14:40
 Operator : RC/JU
 Sample : P4476-02DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA101DL2

Quant Time: Oct 31 15:05:49 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)

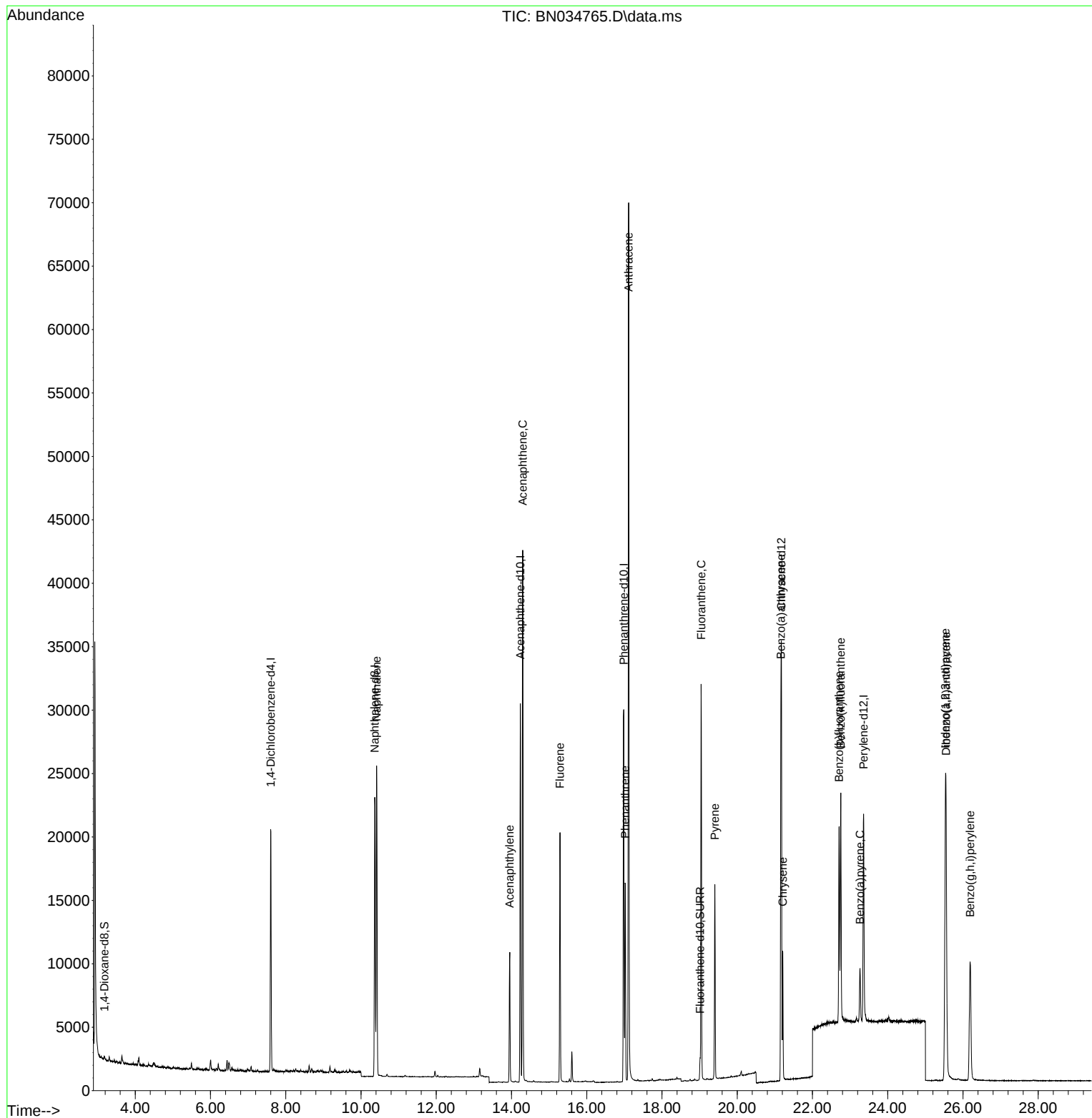
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	9271	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	28441	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	15825	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	32299	0.400	ng/ul	0.00
17) Chrysene-d12	21.174	240	22852	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	20857	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.178	96	279	0.029	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	594	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	1512	0.020	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.416	128	31909	0.424	ng/ul	100
10) Acenaphthylene	13.953	152	11312	0.157	ng/ul	99
11) Acenaphthene	14.300	153	23326	0.423	ng/ul	99
12) Fluorene	15.290	166	11966	0.195	ng/ul	99
15) Phenanthrene	17.021	178	16118	0.165	ng/ul	99
16) Anthracene	17.114	178	71672	0.793	ng/ul	100
19) Fluoranthene	19.042	202	25161	0.227	ng/ul	98
20) Pyrene	19.404	202	12154	0.105	ng/ul	96
21) Benzo(a)anthracene	21.160	228	21427	0.234	ng/ul	100
22) Chrysene	21.209	228	8431	0.092	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	17538	0.207	ng/ul	95
25) Benzo(k)fluoranthene	22.752	252	21181	0.247	ng/ul	97
26) Benzo(a)pyrene	23.264	252	5720	0.078	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.533	276	29207	0.375	ng/ul	98
28) Dibenzo(a,h)anthracene	25.550	278	20752	0.353	ng/ul	99
29) Benzo(g,h,i)perylene	26.191	276	17768	0.291	ng/ul	99

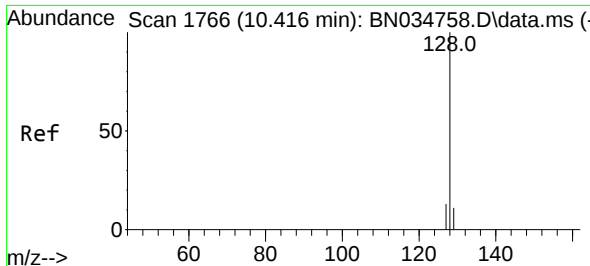
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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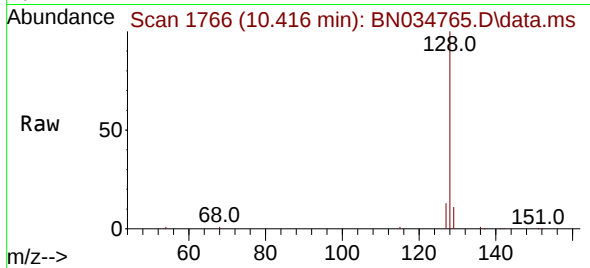
Quant Time: Oct 31 15:05:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
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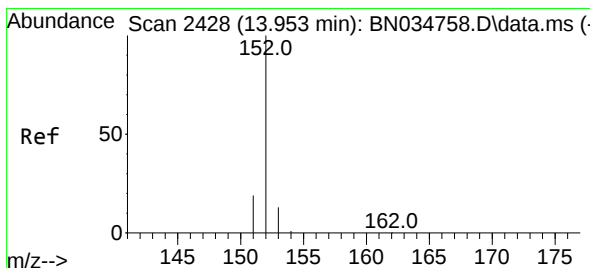
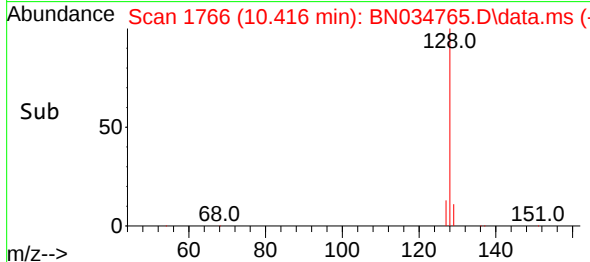
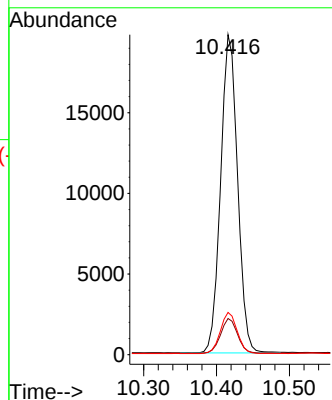


#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Instrument :
BNA_N
ClientSampleId :
XA101DL2

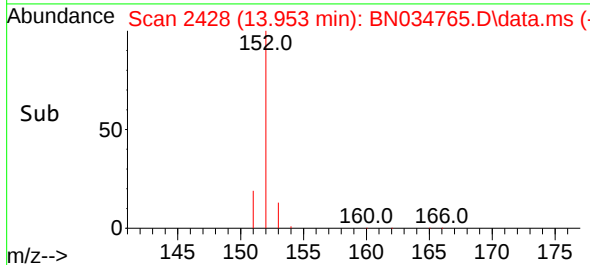
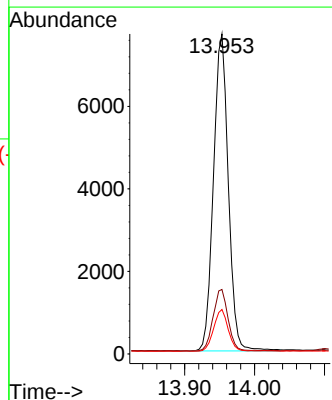
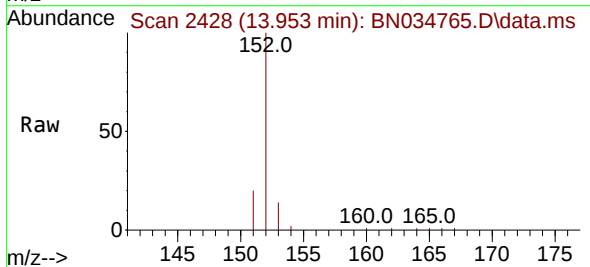


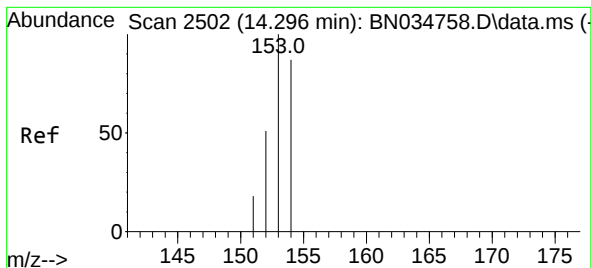
Tgt Ion:	128	Resp:	31909
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.2	10.5	15.7



#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 13.953 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Tgt Ion:	152	Resp:	11312
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	13.9	10.7	16.1





#11

Acenaphthene

Concen: 0.423 ng/ul

RT: 14.300 min Scan# 2503

Delta R.T. -0.000 min

Lab File: BN034765.D

Acq: 31 Oct 2024 14:40

Instrument :

BNA_N

ClientSampleId :

XA101DL2

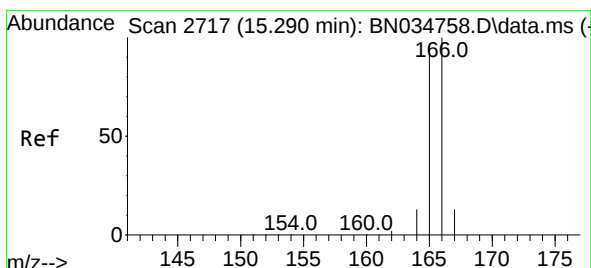
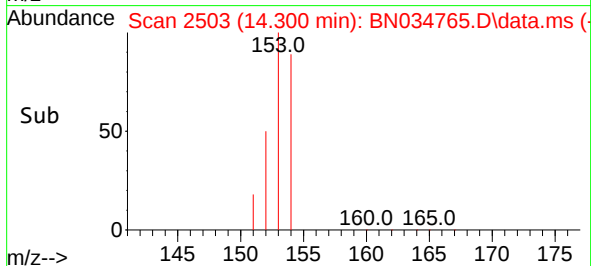
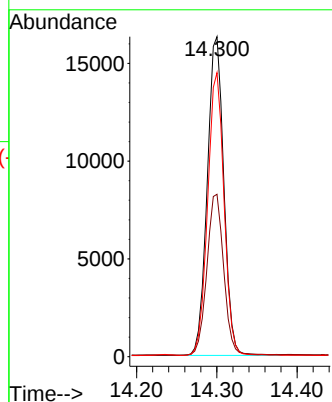
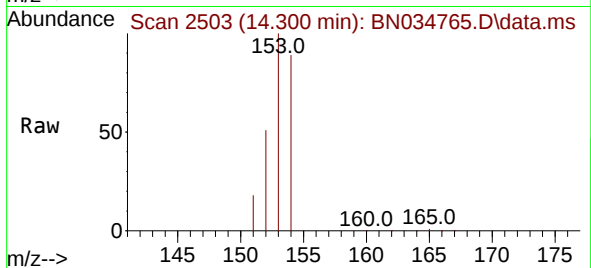
Tgt Ion:153 Resp: 23326

Ion Ratio Lower Upper

153 100

152 50.7 40.3 60.5

154 88.8 69.9 104.9



#12

Fluorene

Concen: 0.195 ng/ul

RT: 15.290 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BN034765.D

Acq: 31 Oct 2024 14:40

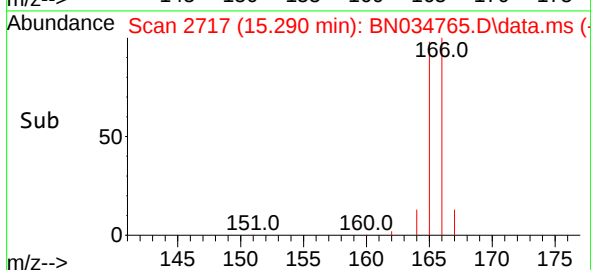
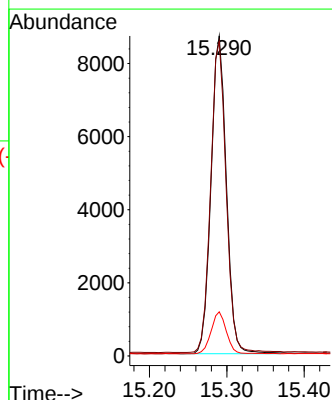
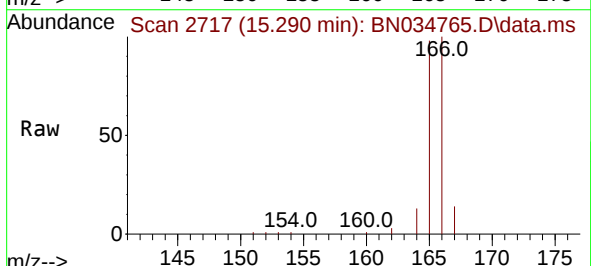
Tgt Ion:166 Resp: 11966

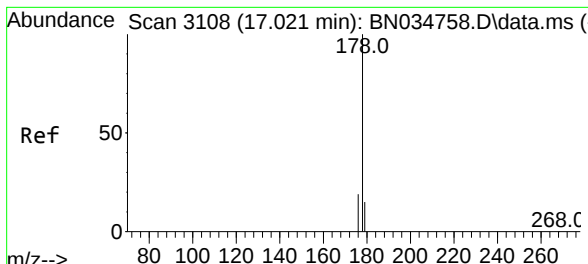
Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

167 13.8 11.0 16.4

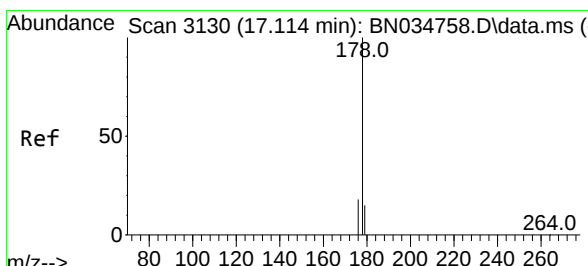
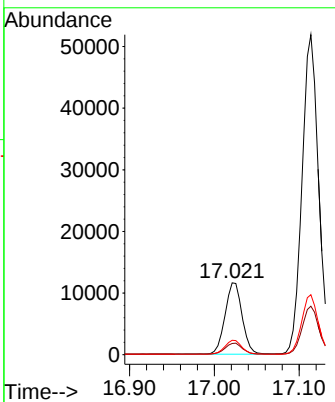
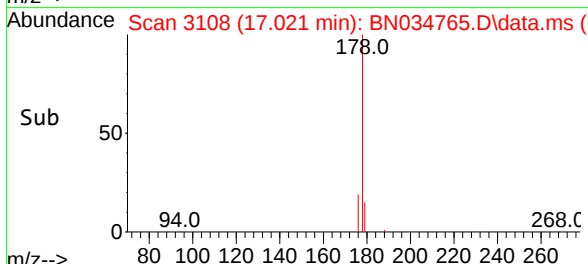
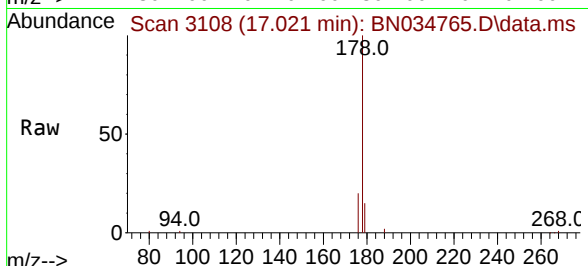




#15
 Phenanthrene
 Concen: 0.165 ng/ul
 RT: 17.021 min Scan# 3108
 Delta R.T. -0.004 min
 Lab File: BN034765.D
 Acq: 31 Oct 2024 14:40

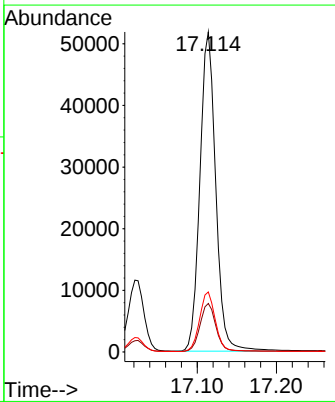
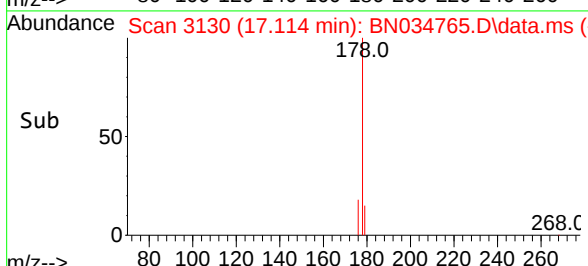
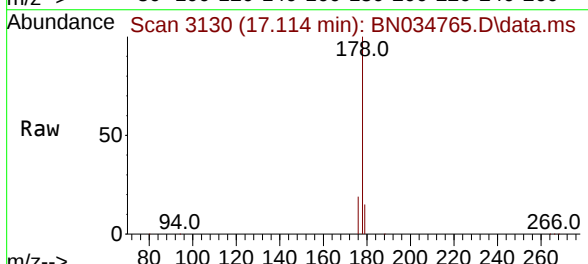
Instrument :
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 XA101DL2

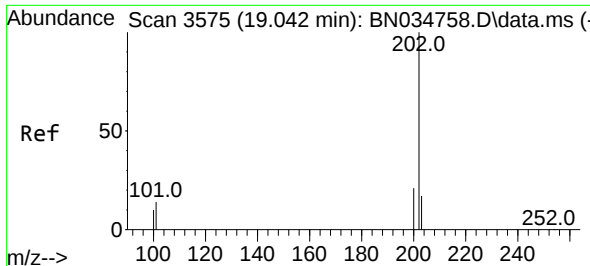
Tgt Ion:	178	Resp:	16118
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	20.0	15.4	23.0



#16
 Anthracene
 Concen: 0.793 ng/ul
 RT: 17.114 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BN034765.D
 Acq: 31 Oct 2024 14:40

Tgt Ion:	178	Resp:	71672
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	18.8	15.1	22.7





#19

Fluoranthene

Concen: 0.227 ng/ul

RT: 19.042 min Scan# 3575

Delta R.T. -0.005 min

Lab File: BN034765.D

Acq: 31 Oct 2024 14:40

Instrument :

BNA_N

ClientSampleId :

XA101DL2

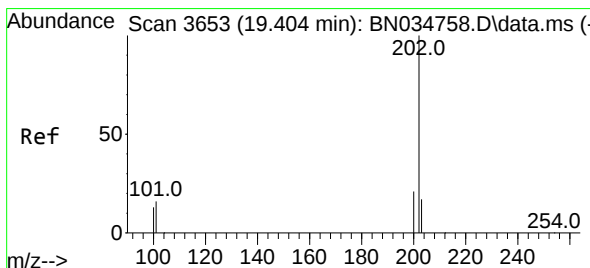
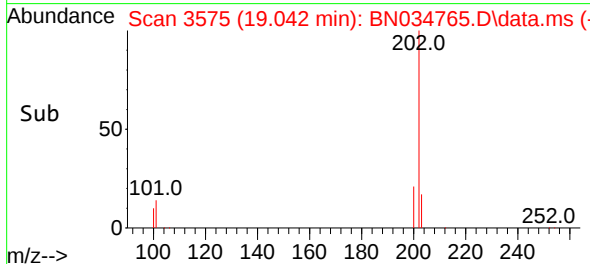
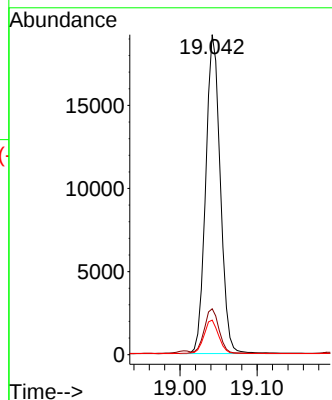
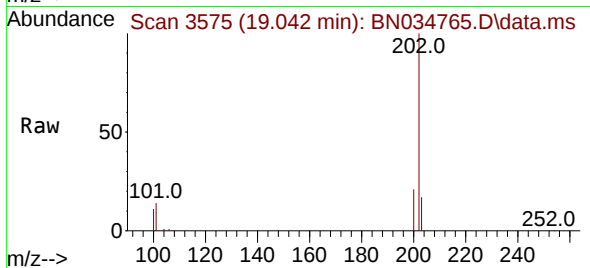
Tgt Ion:202 Resp: 25161

Ion Ratio Lower Upper

202 100

101 14.4 10.8 16.2

100 10.8 8.2 12.2



#20

Pyrene

Concen: 0.105 ng/ul

RT: 19.404 min Scan# 3653

Delta R.T. -0.005 min

Lab File: BN034765.D

Acq: 31 Oct 2024 14:40

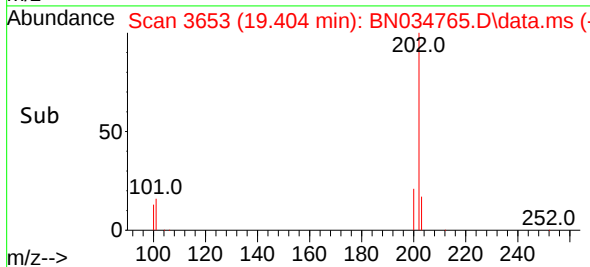
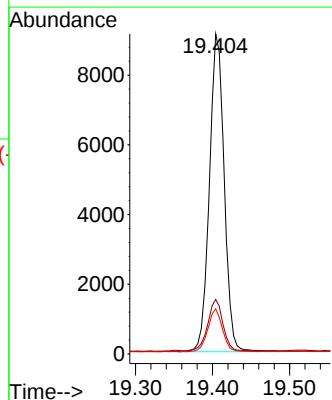
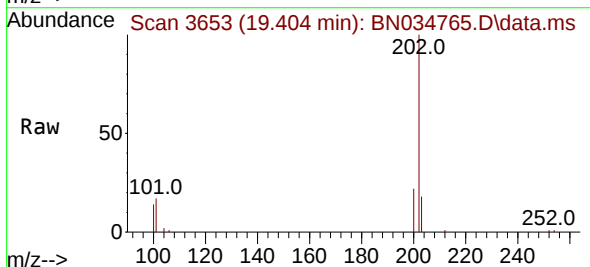
Tgt Ion:202 Resp: 12154

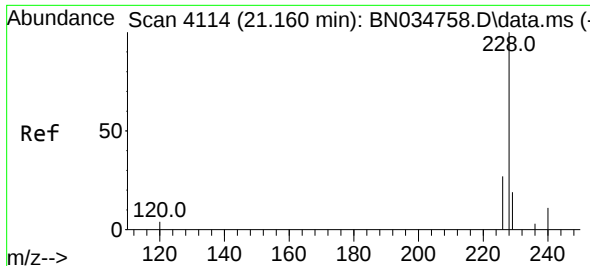
Ion Ratio Lower Upper

202 100

101 17.0 12.4 18.6

100 14.1 10.0 15.0

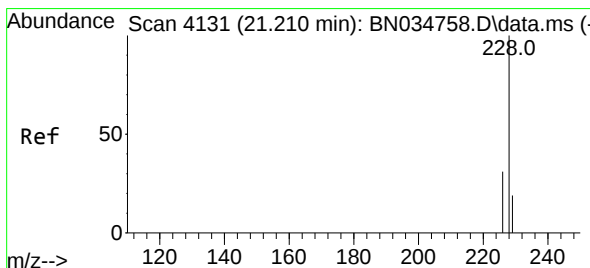
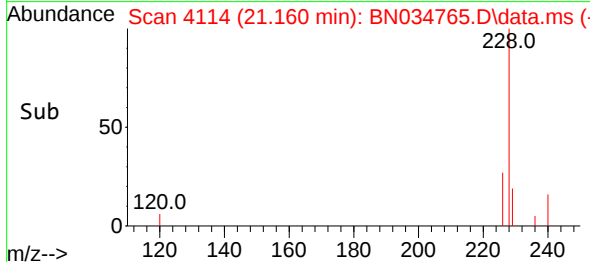
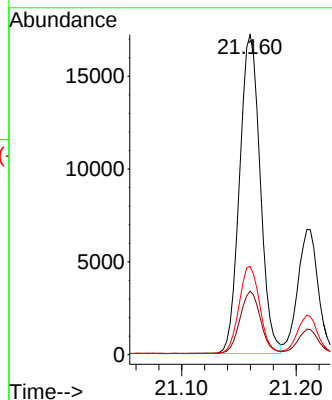
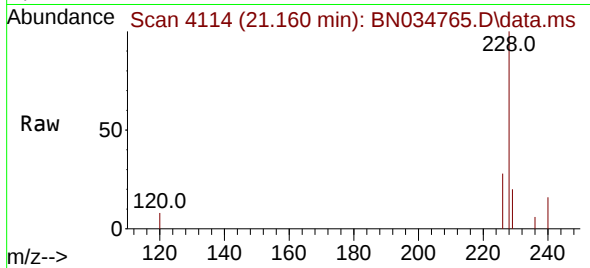




#21
Benzo(a)anthracene
Concen: 0.234 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. -0.000 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

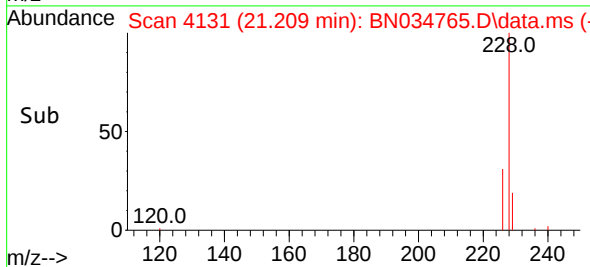
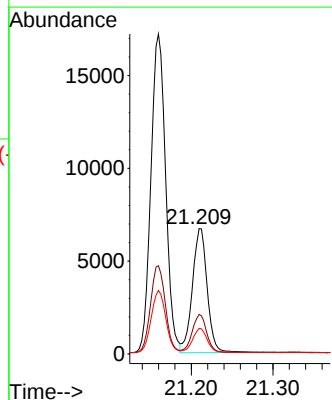
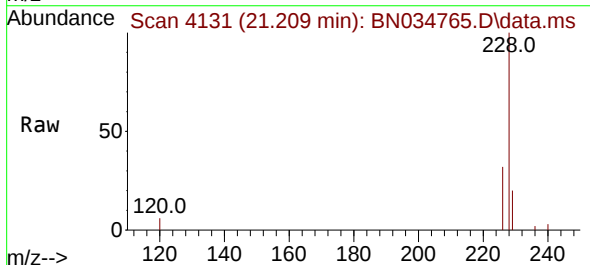
Instrument :
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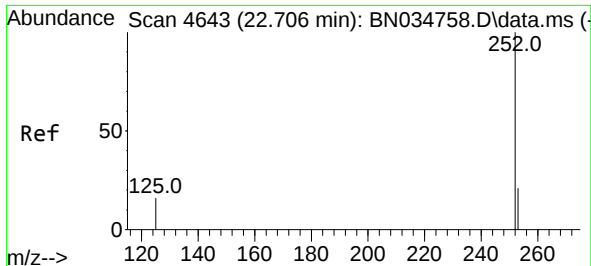
Tgt Ion:228 Resp: 21427
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.092 ng/ul
RT: 21.209 min Scan# 4131
Delta R.T. -0.003 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Tgt Ion:228 Resp: 8431
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.4 15.6 23.4

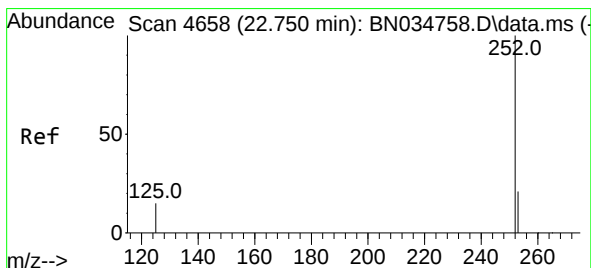
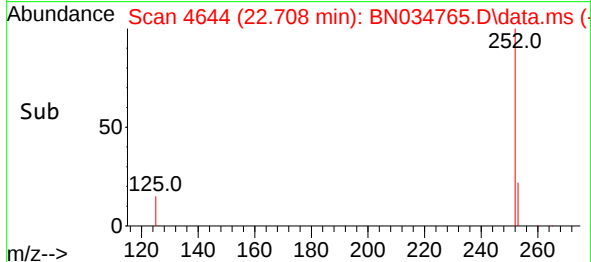
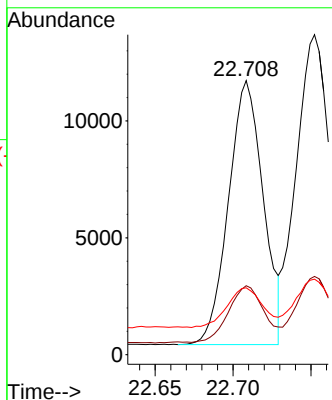
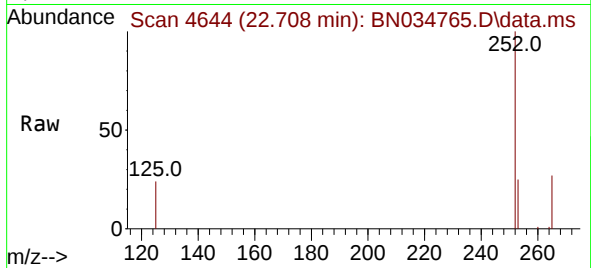




#24
Benzo(b)fluoranthene
Concen: 0.207 ng/ul
RT: 22.708 min Scan# 4644
Delta R.T. -0.000 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

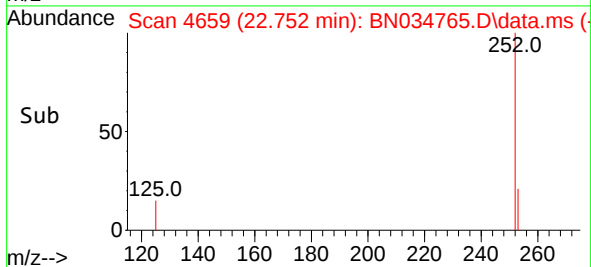
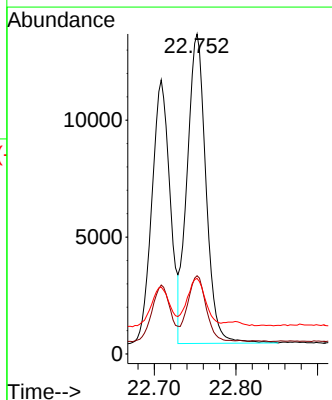
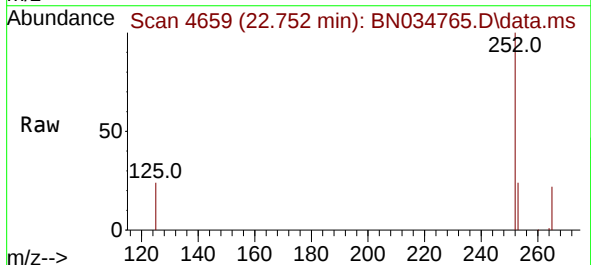
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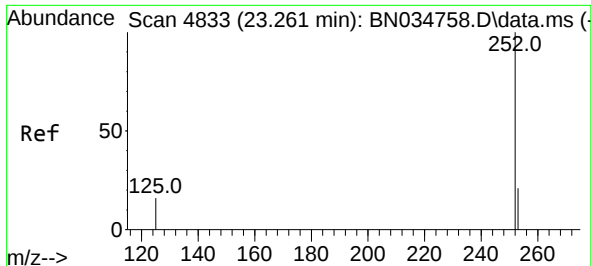
Tgt Ion:252 Resp: 17538
Ion Ratio Lower Upper
252 100
253 25.2 0.0 47.6
125 24.4 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.247 ng/ul
RT: 22.752 min Scan# 4659
Delta R.T. 0.003 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Tgt Ion:252 Resp: 21181
Ion Ratio Lower Upper
252 100
253 24.5 19.1 28.7
125 23.6 17.0 25.4

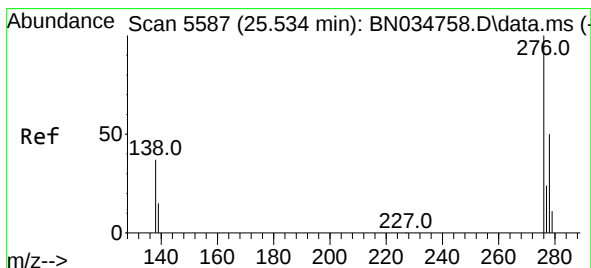
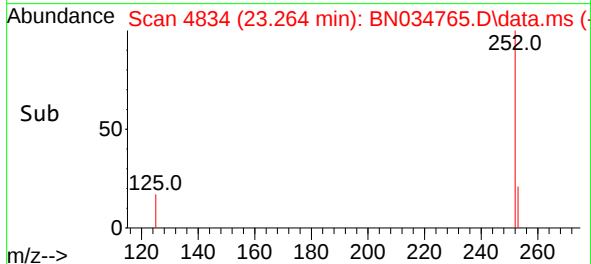
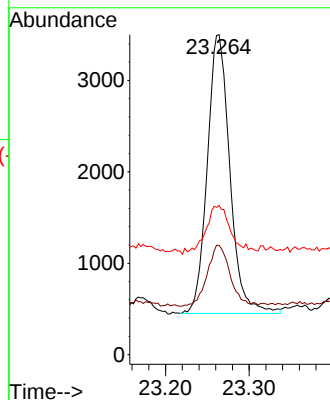
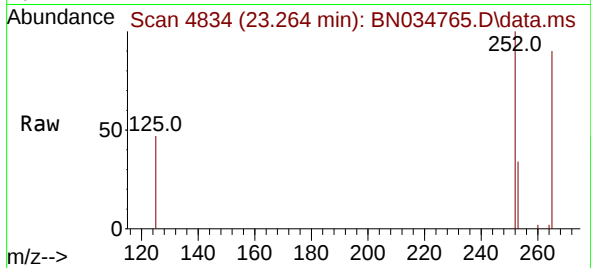




#26
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.264 min Scan# 4834
Delta R.T. -0.000 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

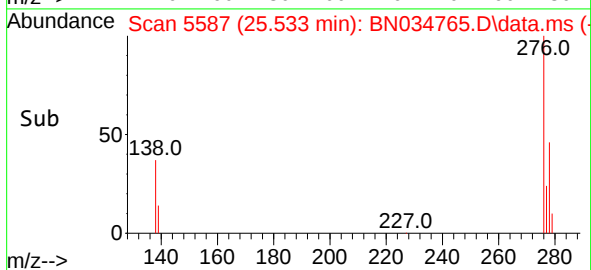
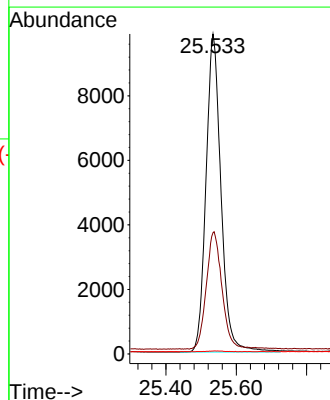
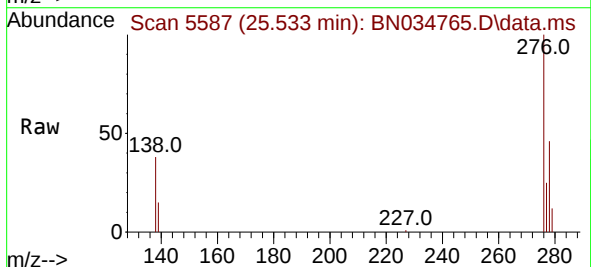
Instrument :
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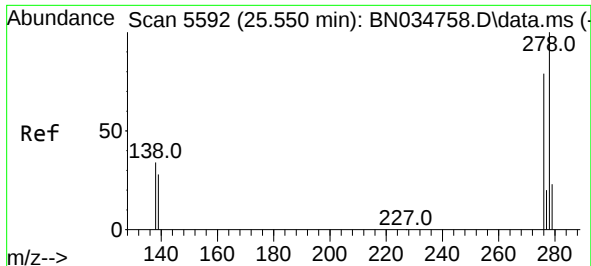
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Ion Ratio Lower Upper
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253 34.1 20.0 30.0#
125 46.7 19.8 29.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.533 min Scan# 5587
Delta R.T. -0.004 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Tgt Ion:276 Resp: 29207
Ion Ratio Lower Upper
276 100
138 38.4 31.8 47.6
227 0.3 0.2 0.4

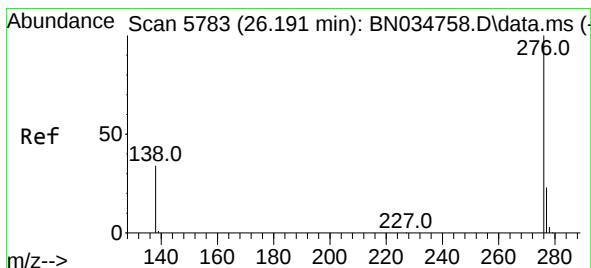
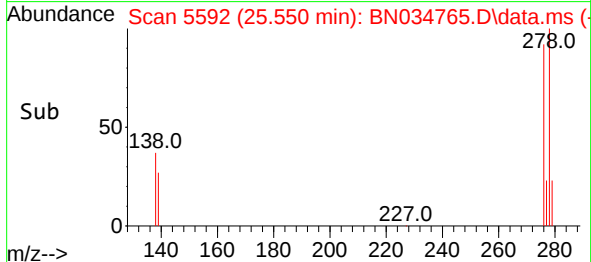
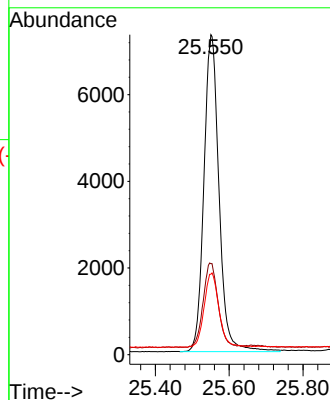
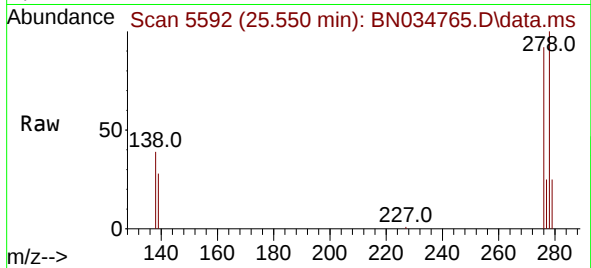




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 25.550 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Instrument :
BNA_N
ClientSampleId :
XA101DL2

Tgt Ion:278 Resp: 20752
Ion Ratio Lower Upper
278 100
139 28.5 23.4 35.2
279 25.2 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 26.191 min Scan# 5783
Delta R.T. -0.004 min
Lab File: BN034765.D
Acq: 31 Oct 2024 14:40

Tgt Ion:276 Resp: 17768
Ion Ratio Lower Upper
276 100
138 36.4 28.8 43.2
277 24.5 20.2 30.2

