

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034764.D
 Acq On : 31 Oct 2024 14:04
 Operator : RC/JU
 Sample : P4476-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA101DL

Quant Time: Oct 31 14:35:11 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)

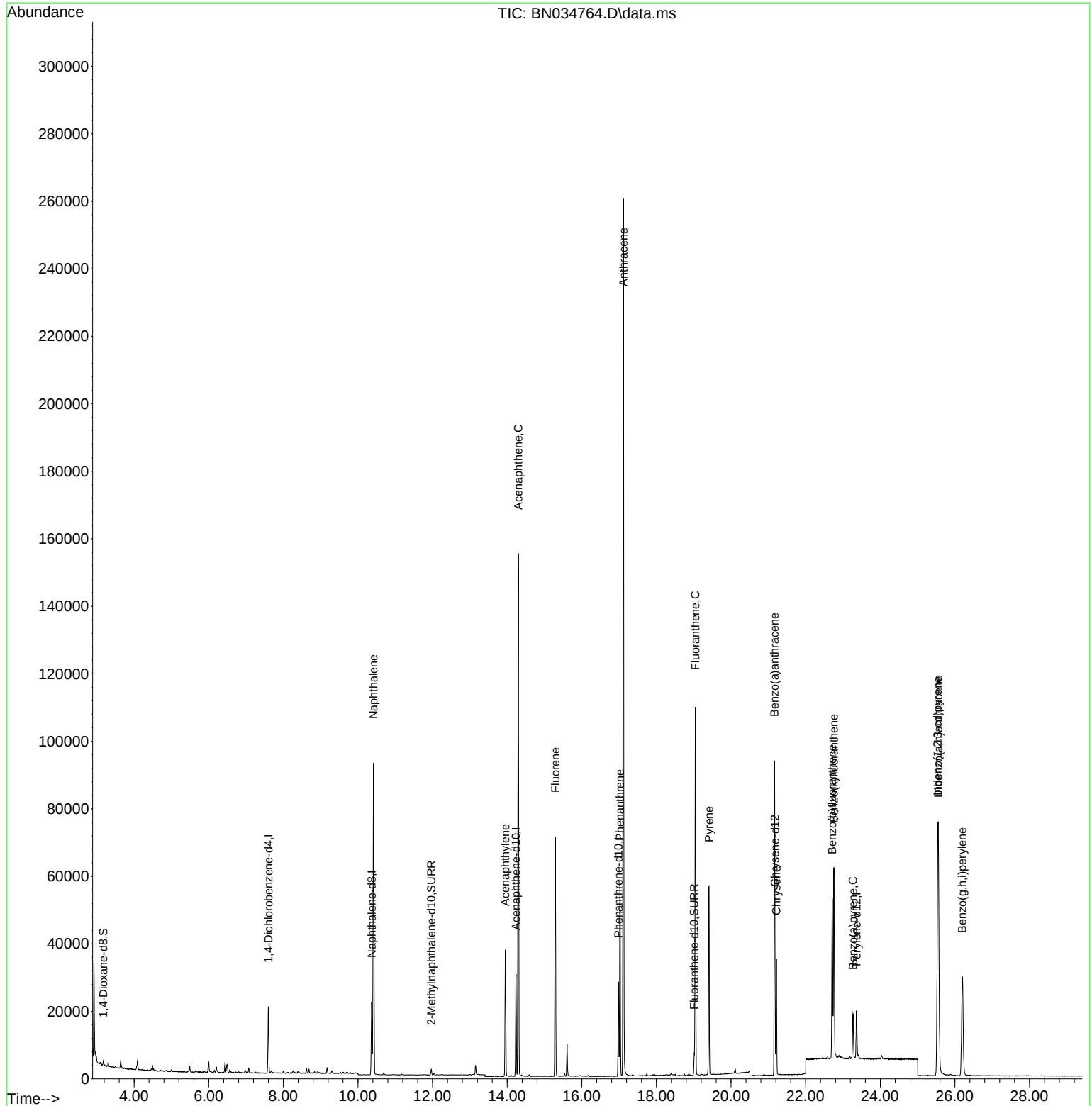
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	9050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	27949	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	15307	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	31028	0.400	ng/ul	0.00
17) Chrysene-d12	21.178	240	20952	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	17294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	825	0.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	2168	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	5459	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.416	128	118791	1.605	ng/ul	99
10) Acenaphthylene	13.954	152	41802	0.600	ng/ul	99
11) Acenaphthene	14.296	153	85697	1.608	ng/ul	100
12) Fluorene	15.291	166	43856	0.739	ng/ul	100
15) Phenanthrene	17.021	178	57882	0.617	ng/ul	99
16) Anthracene	17.114	178	267078	3.075	ng/ul	99
19) Fluoranthene	19.046	202	91563	0.901	ng/ul	99
20) Pyrene	19.409	202	43973	0.416	ng/ul	100
21) Benzo(a)anthracene	21.163	228	75267	0.898	ng/ul	100
22) Chrysene	21.215	228	28449	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	56023	0.796	ng/ul	98
25) Benzo(k)fluoranthene	22.755	252	65755	0.926	ng/ul	97
26) Benzo(a)pyrene	23.267	252	18200	0.300	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.540	276	90673	1.405	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.557	278	64711	1.326	ng/ul	97
29) Benzo(g,h,i)perylene	26.198	276	54744	1.080	ng/ul	97

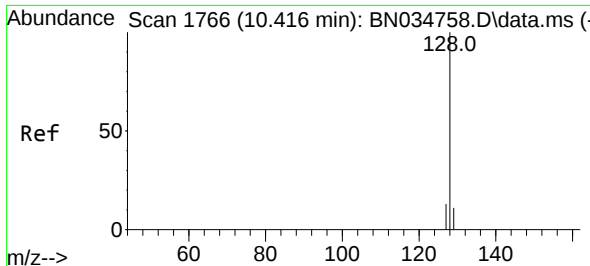
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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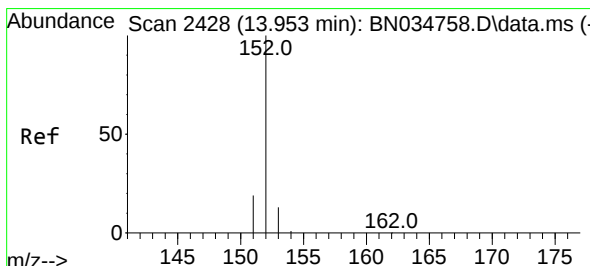
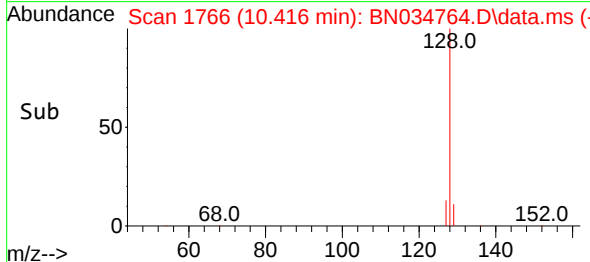
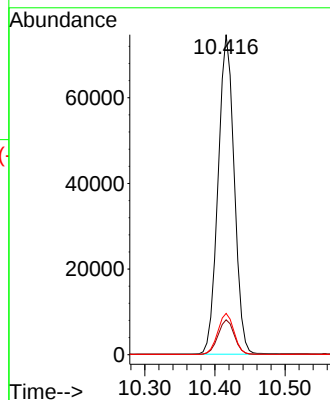
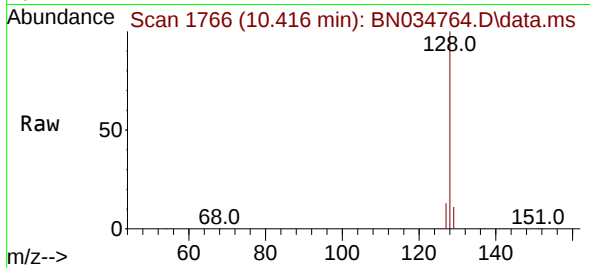




#5
Naphthalene
Concen: 1.605 ng/ul
RT: 10.416 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

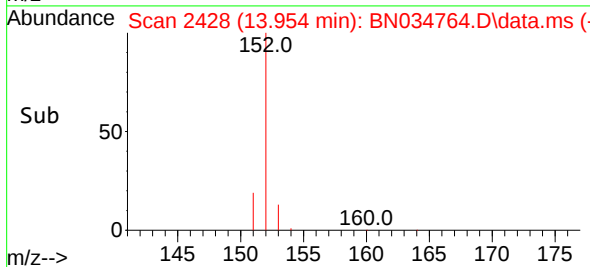
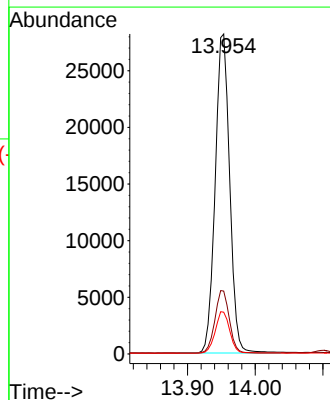
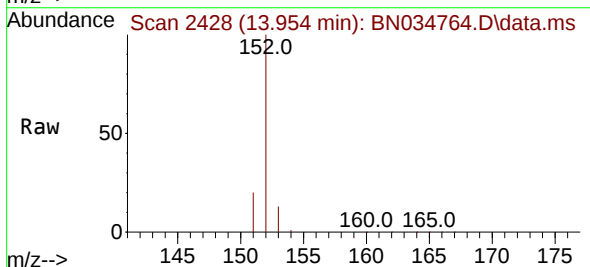
Instrument :
BNA_N
ClientSampleId :
XA101DL

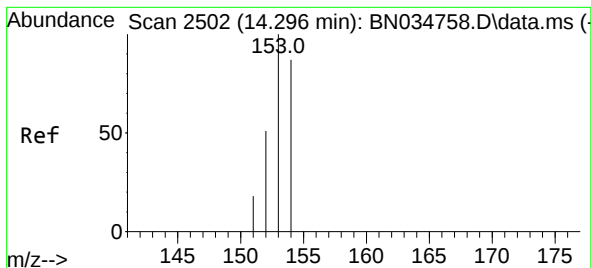
Tgt Ion:128 Resp: 118791
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.5 15.7



#10
Acenaphthylene
Concen: 0.600 ng/ul
RT: 13.954 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Tgt Ion:152 Resp: 41802
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.1 10.7 16.1





#11

Acenaphthene

Concen: 1.608 ng/ul

RT: 14.296 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN034764.D

Acq: 31 Oct 2024 14:04

Instrument :

BNA_N

ClientSampleId :

XA101DL

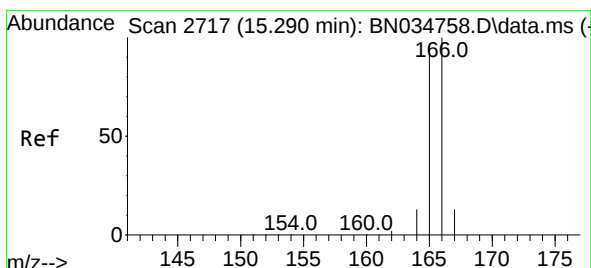
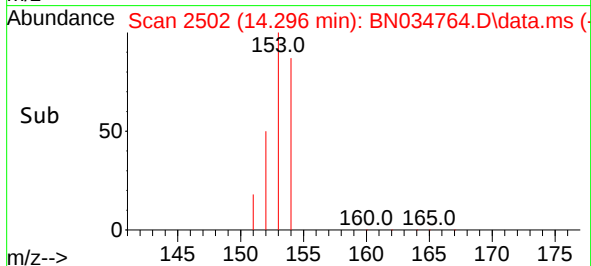
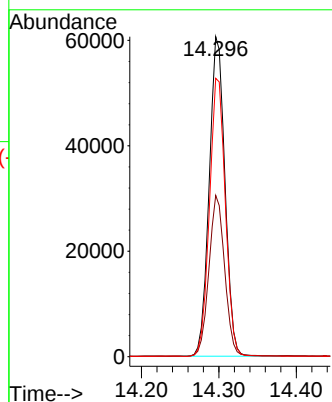
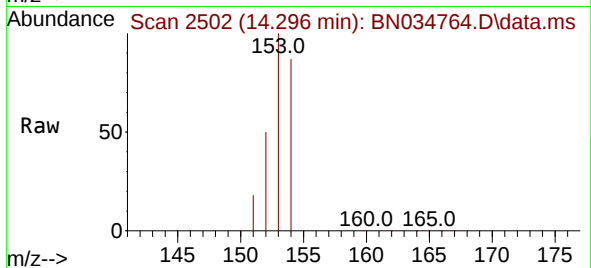
Tgt Ion:153 Resp: 85697

Ion Ratio Lower Upper

153 100

152 50.4 40.3 60.5

154 87.0 69.9 104.9



#12

Fluorene

Concen: 0.739 ng/ul

RT: 15.291 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BN034764.D

Acq: 31 Oct 2024 14:04

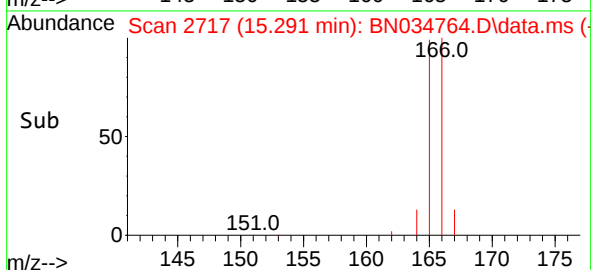
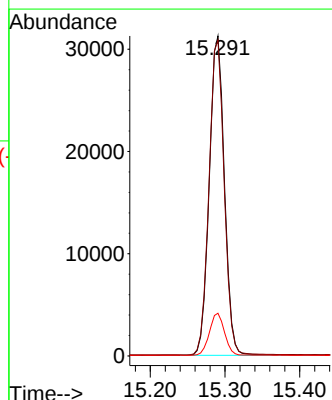
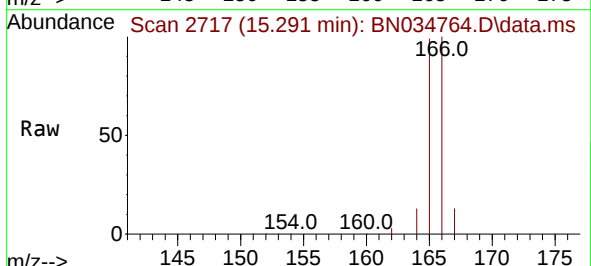
Tgt Ion:166 Resp: 43856

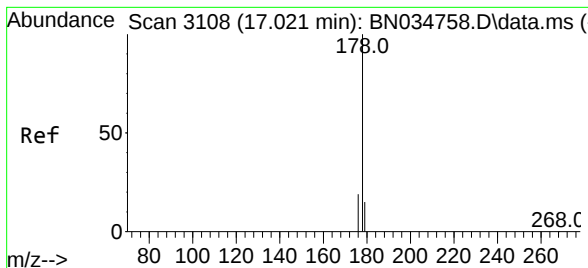
Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

167 13.4 11.0 16.4





#15

Phenanthrene

Concen: 0.617 ng/ul

RT: 17.021 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BN034764.D

Acq: 31 Oct 2024 14:04

Instrument :

BNA_N

ClientSampleId :

XA101DL

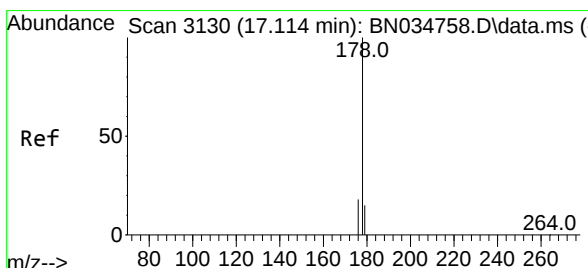
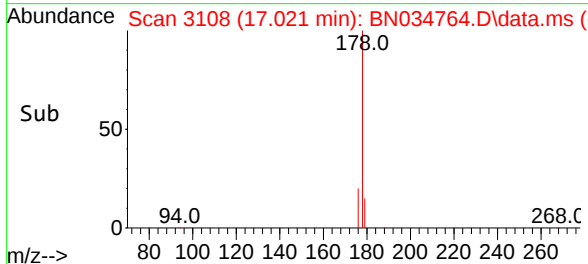
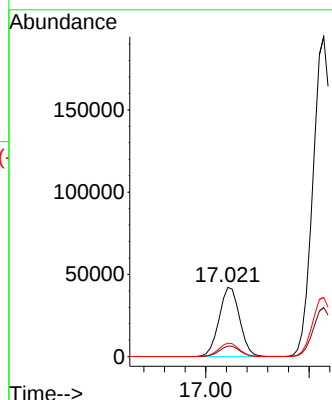
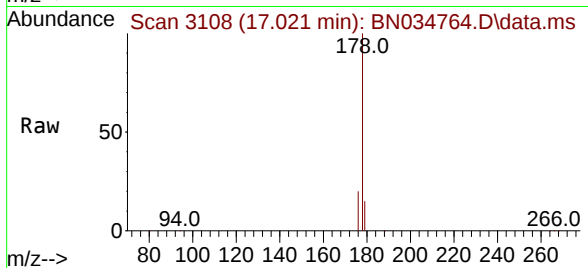
Tgt Ion:178 Resp: 57882

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.7 15.4 23.0



#16

Anthracene

Concen: 3.075 ng/ul

RT: 17.114 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BN034764.D

Acq: 31 Oct 2024 14:04

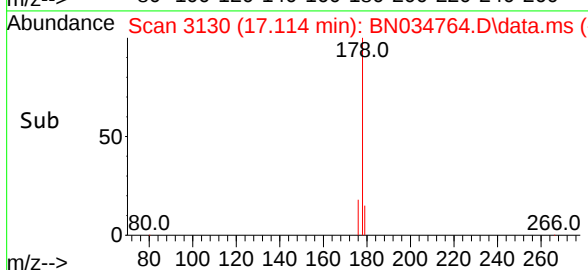
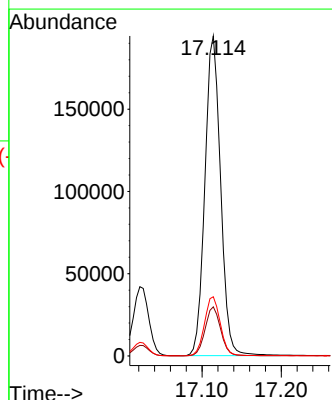
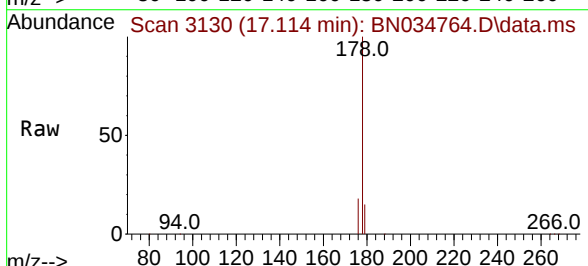
Tgt Ion:178 Resp: 267078

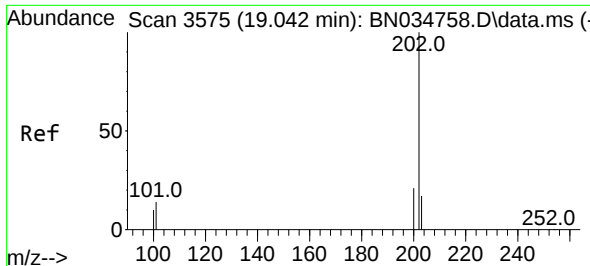
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.5 15.1 22.7

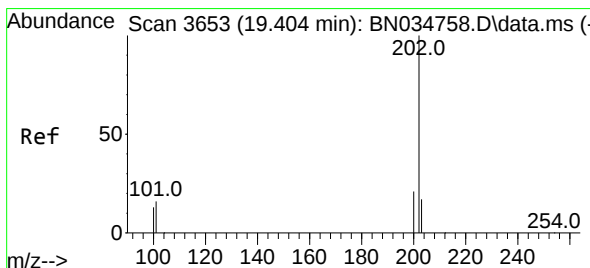
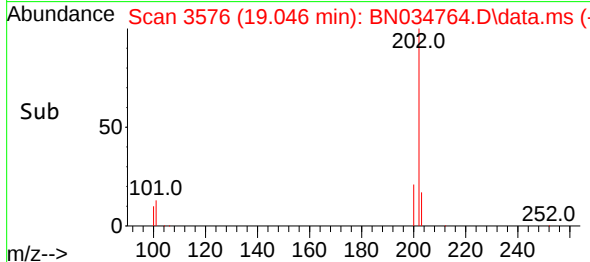
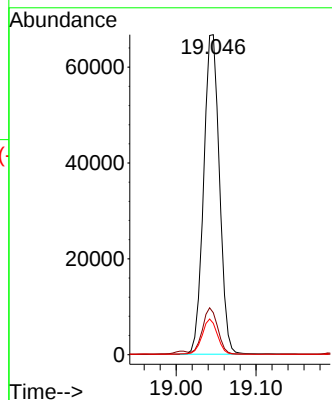
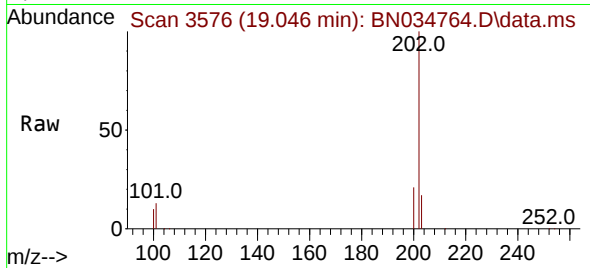




#19
Fluoranthene
Concen: 0.901 ng/ul
RT: 19.046 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

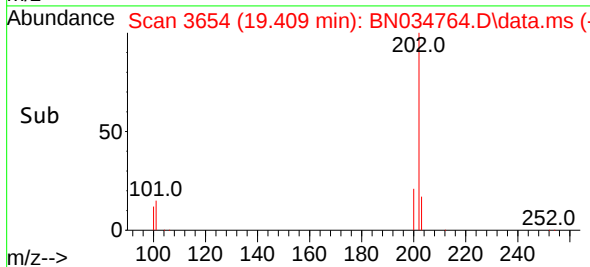
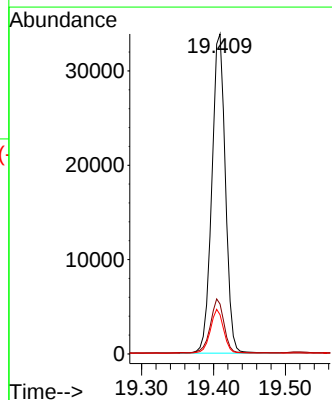
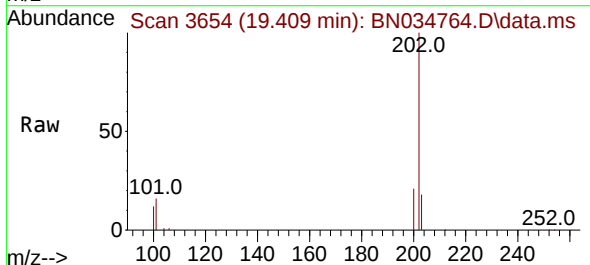
Instrument :
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ClientSampleId :
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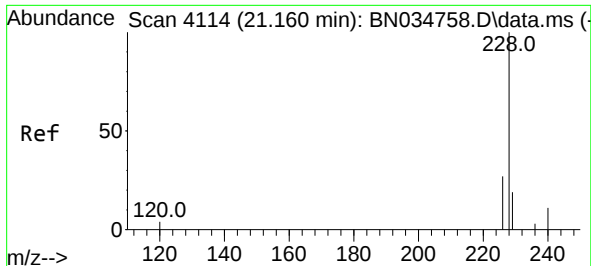
Tgt Ion:202 Resp: 91563
Ion Ratio Lower Upper
202 100
101 13.1 10.8 16.2
100 9.8 8.2 12.2



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.409 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

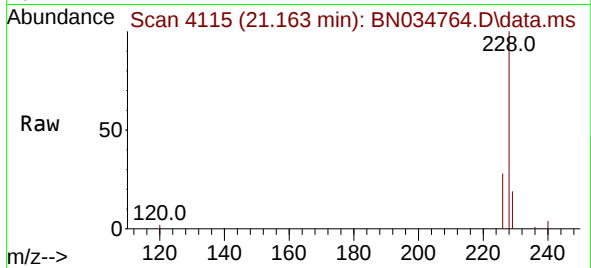
Tgt Ion:202 Resp: 43973
Ion Ratio Lower Upper
202 100
101 15.6 12.4 18.6
100 12.2 10.0 15.0



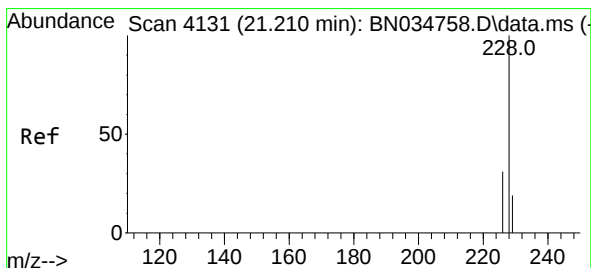
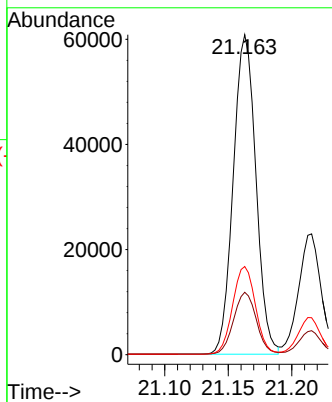
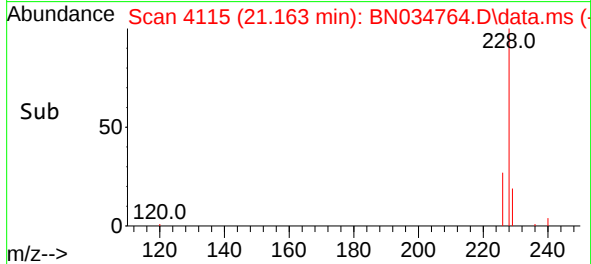


#21
Benzo(a)anthracene
Concen: 0.898 ng/ul
RT: 21.163 min Scan# 4115
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Instrument :
BNA_N
ClientSampleId :
XA101DL

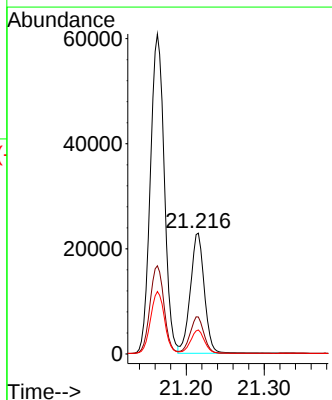
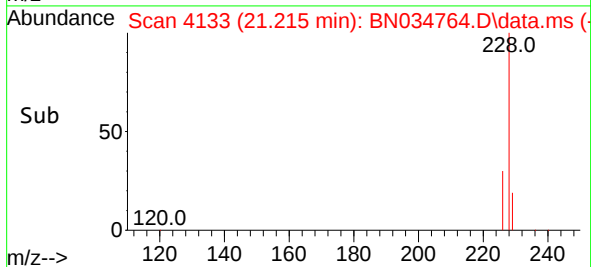
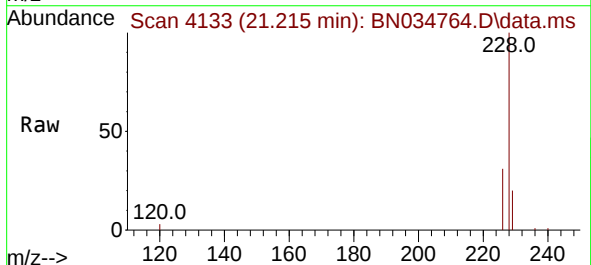


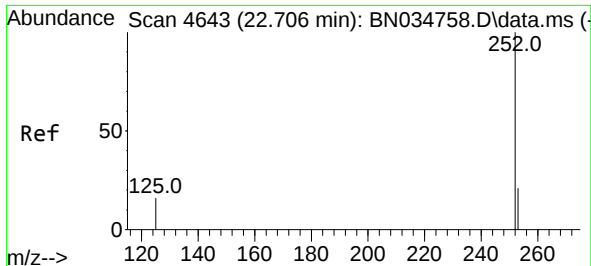
Tgt Ion:228 Resp: 75267
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.215 min Scan# 4133
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

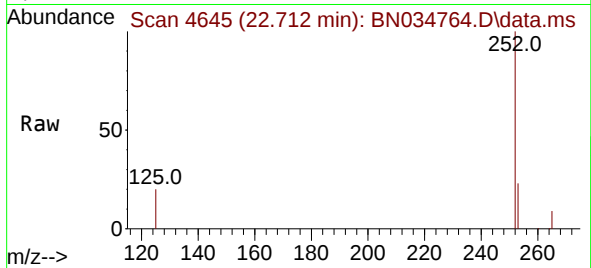
Tgt Ion:228 Resp: 28449
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.8 15.6 23.4



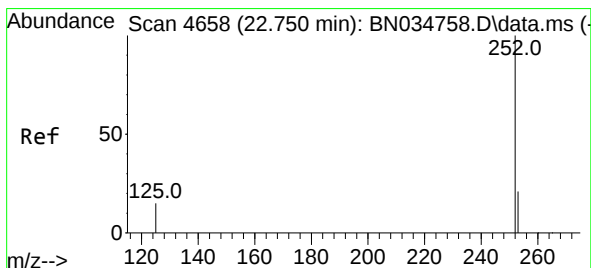
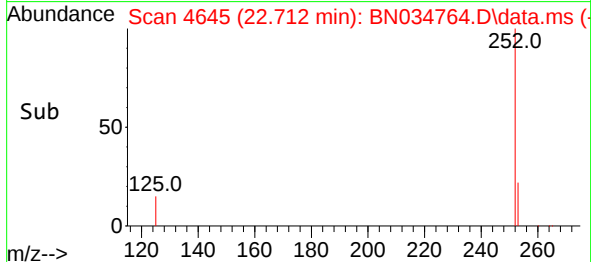
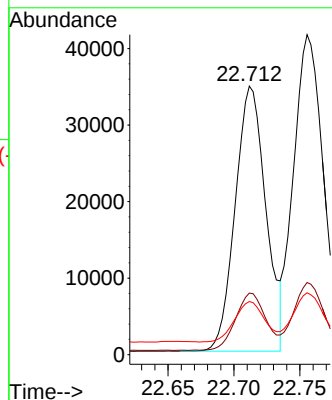


#24
Benzo(b)fluoranthene
Concen: 0.796 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Instrument :
BNA_N
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XA101DL

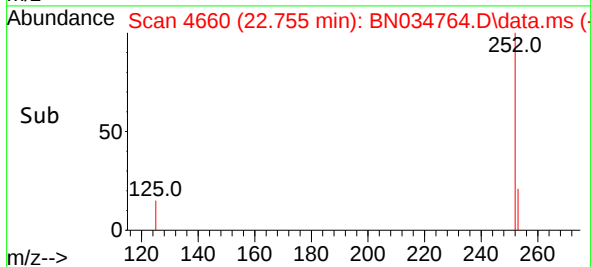
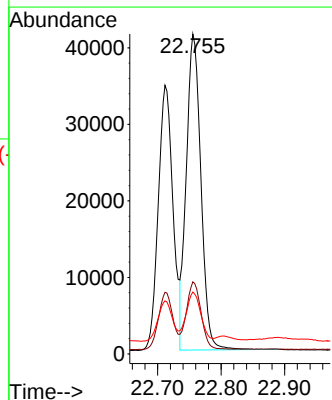
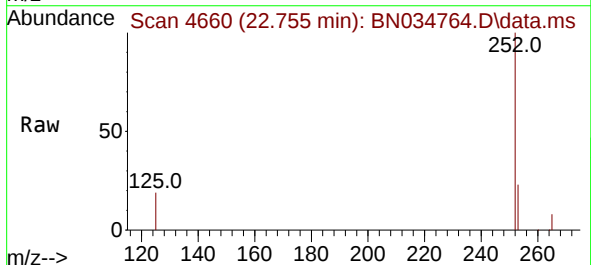


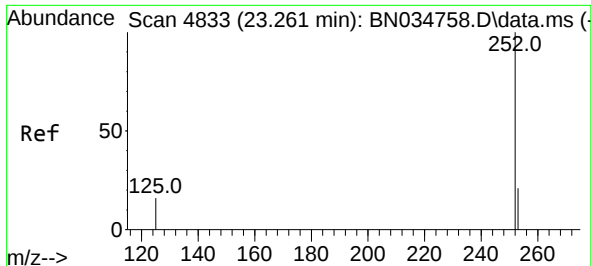
Tgt Ion:252 Resp: 56023
Ion Ratio Lower Upper
252 100
253 22.9 0.0 47.6
125 19.8 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.926 ng/ul
RT: 22.755 min Scan# 4660
Delta R.T. 0.006 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Tgt Ion:252 Resp: 65755
Ion Ratio Lower Upper
252 100
253 22.6 19.1 28.7
125 19.3 17.0 25.4

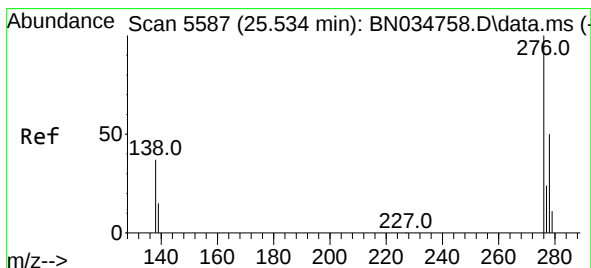
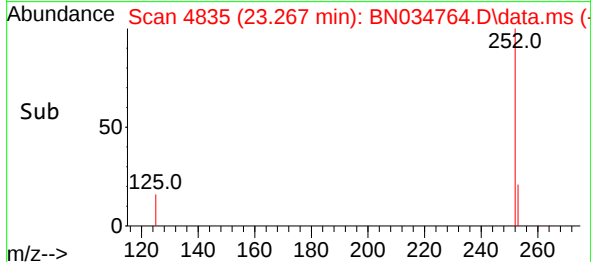
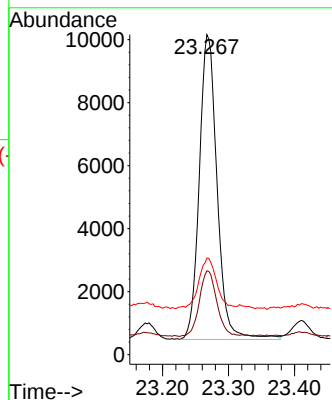
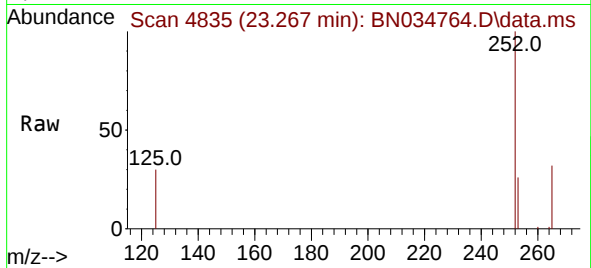




#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.267 min Scan# 4835
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

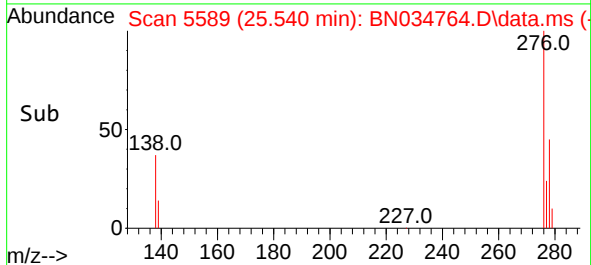
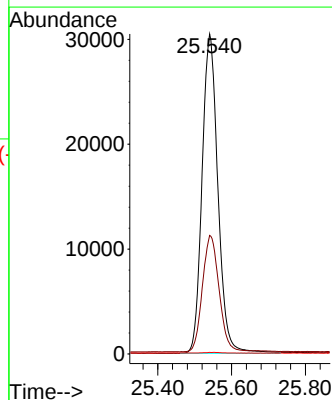
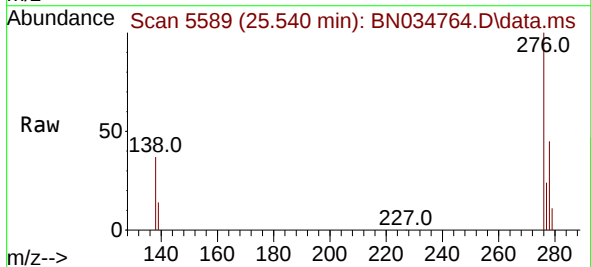
Instrument :
BNA_N
ClientSampleId :
XA101DL

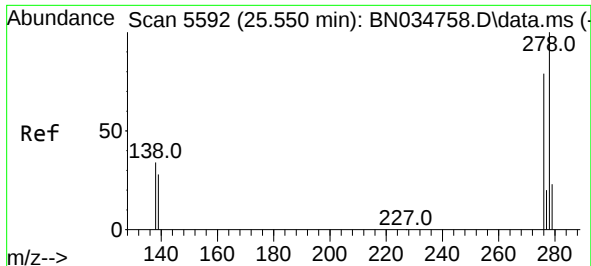
Tgt Ion:252 Resp: 18200
Ion Ratio Lower Upper
252 100
253 26.2 20.0 30.0
125 30.2 19.8 29.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.405 ng/ul
RT: 25.540 min Scan# 5589
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Tgt Ion:276 Resp: 90673
Ion Ratio Lower Upper
276 100
138 38.6 31.8 47.6
227 0.2 0.2 0.4#

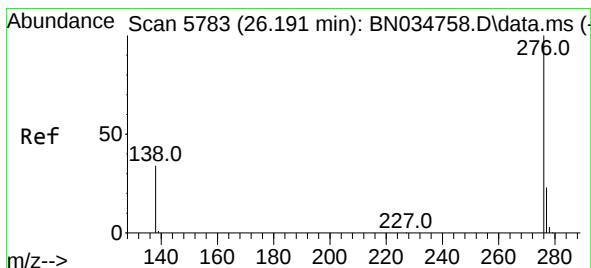
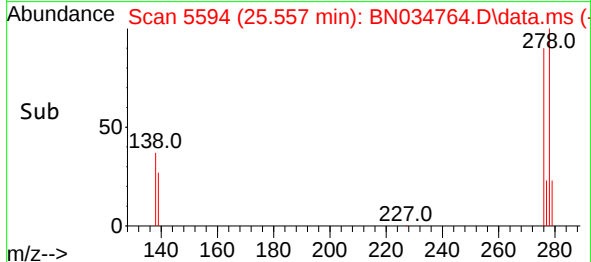
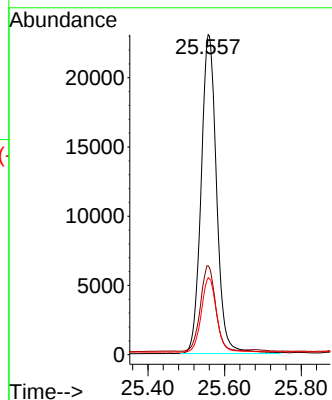
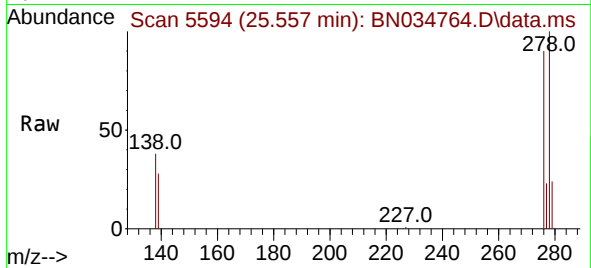




#28
Dibenzo(a,h)anthracene
Concen: 1.326 ng/ul
RT: 25.557 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Instrument :
BNA_N
ClientSampleId :
XA101DL

Tgt Ion:278 Resp: 64711
Ion Ratio Lower Upper
278 100
139 27.7 23.4 35.2
279 24.0 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 1.080 ng/ul
RT: 26.198 min Scan# 5785
Delta R.T. 0.003 min
Lab File: BN034764.D
Acq: 31 Oct 2024 14:04

Tgt Ion:276 Resp: 54744
Ion Ratio Lower Upper
276 100
138 34.8 28.8 43.2
277 23.5 20.2 30.2

