

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024239.D
 Acq On : 10 Mar 2023 16:31
 Operator : CG/JU
 Sample : 01784-18DL 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

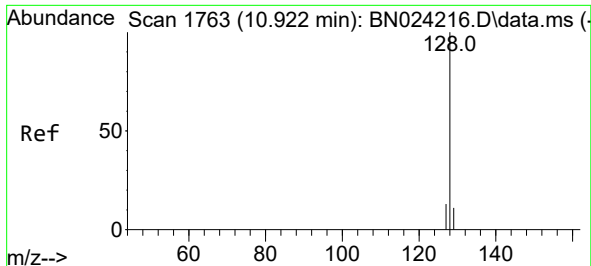
Instrument :
 BNA_N
 ClientSampleId :
 DCAD4DL

Quant Time: Mar 11 00:09:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	7745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	23244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	12800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	26889	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	18274	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	15142	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8698	1.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2160	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	5017	0.103	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	1742	0.030	ng/ul#	81
10) Acenaphthylene	14.407	152	2015	0.038	ng/ul#	87
11) Acenaphthene	14.749	153	6586	0.160	ng/ul	99
12) Fluorene	15.730	166	37614	0.819	ng/ul	98
14) Pentachlorophenol	17.071	266	5971	0.799	ng/ul#	73
15) Phenanthrene	17.472	178	3965	0.051	ng/ul#	94
16) Anthracene	17.561	178	2168	0.032	ng/ul#	86
19) Fluoranthene	19.483	202	9773	0.134	ng/ul	99
20) Pyrene	19.845	202	7000	0.095	ng/ul#	94
26) Benzo(a)pyrene	23.956	252	1537	0.031	ng/ul#	11

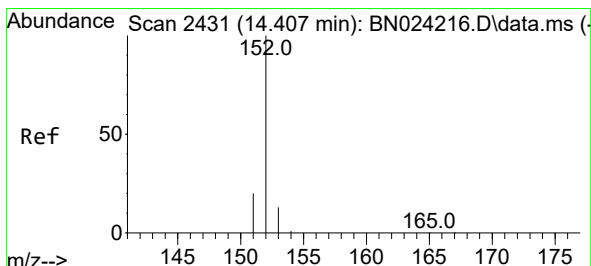
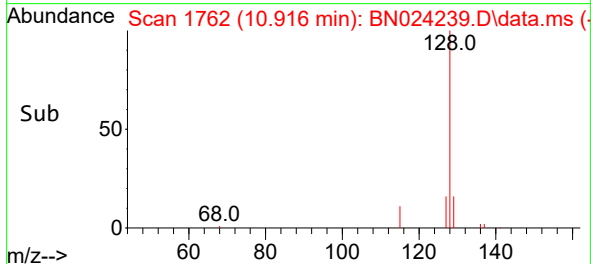
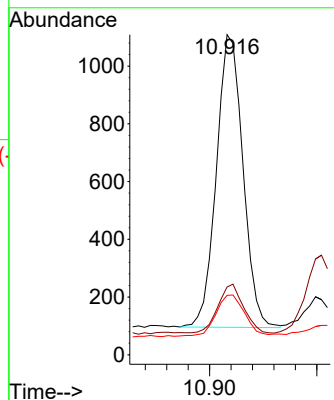
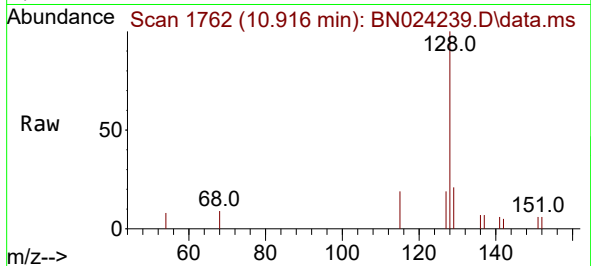
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024239.D
Acq: 10 Mar 2023 16:31

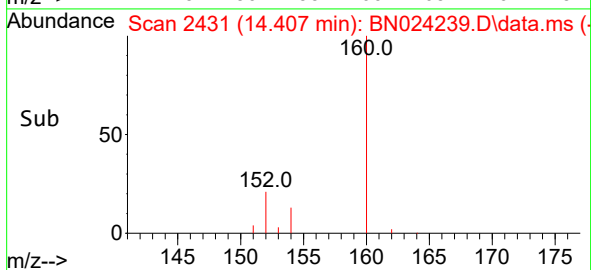
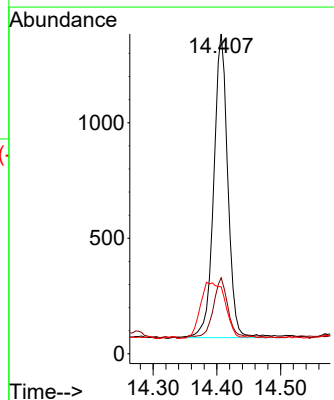
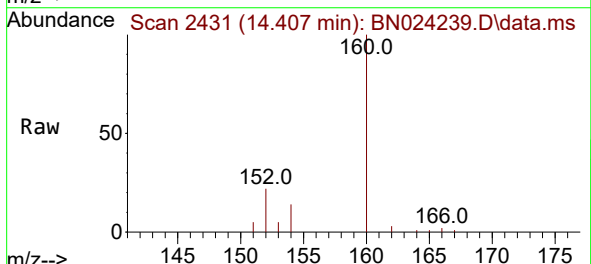
Instrument :
BNA_N
ClientSampleId :
DCAD4DL

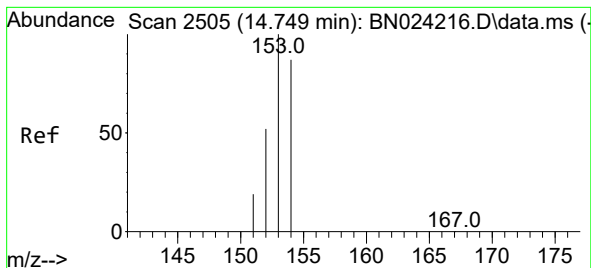
Tgt Ion:128 Resp: 1742
Ion Ratio Lower Upper
128 100
129 21.2 9.0 13.6#
127 18.6 10.5 15.7#



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024239.D
Acq: 10 Mar 2023 16:31

Tgt Ion:152 Resp: 2015
Ion Ratio Lower Upper
152 100
151 23.8 15.9 23.9
153 21.0 10.6 16.0#





#11

Acenaphthene

Concen: 0.160 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

Instrument :

BNA_N

ClientSampleId :

DCAD4DL

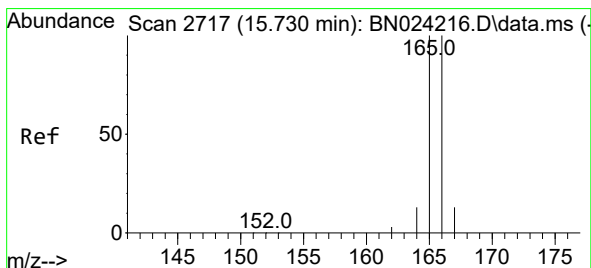
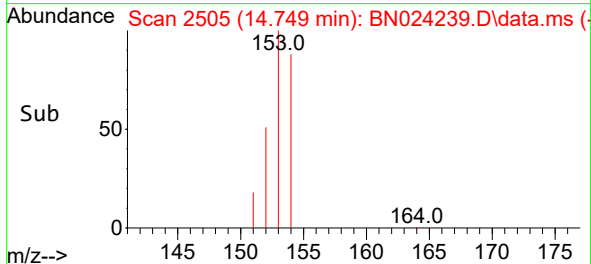
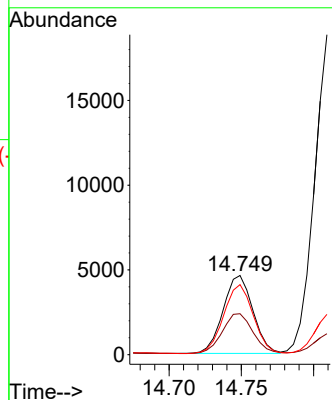
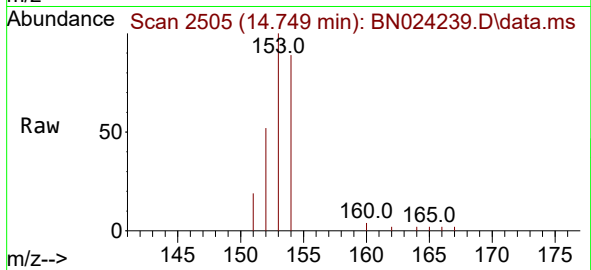
Tgt Ion:153 Resp: 6586

Ion Ratio Lower Upper

153 100

152 51.7 42.6 64.0

154 88.5 70.6 105.8



#12

Fluorene

Concen: 0.819 ng/ul

RT: 15.730 min Scan# 2717

Delta R.T. 0.000 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

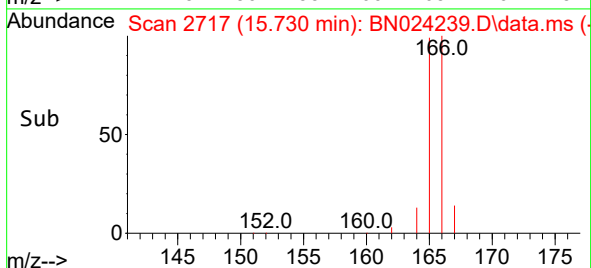
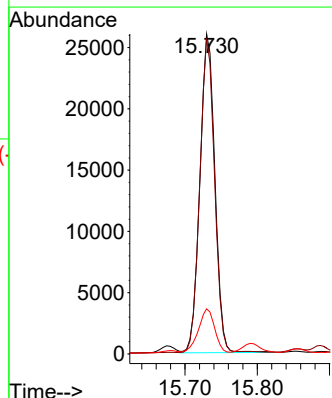
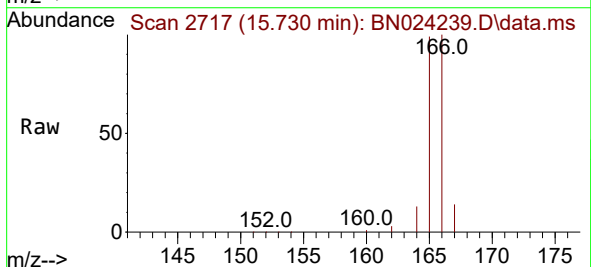
Tgt Ion:166 Resp: 37614

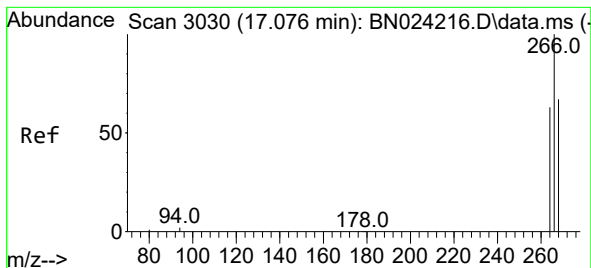
Ion Ratio Lower Upper

166 100

165 98.7 77.4 116.0

167 14.1 10.9 16.3





#14

Pentachlorophenol

Concen: 0.799 ng/ul

RT: 17.071 min Scan# 3030

Delta R.T. -0.004 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

Instrument :

BNA_N

ClientSampleId :

DCAD4DL

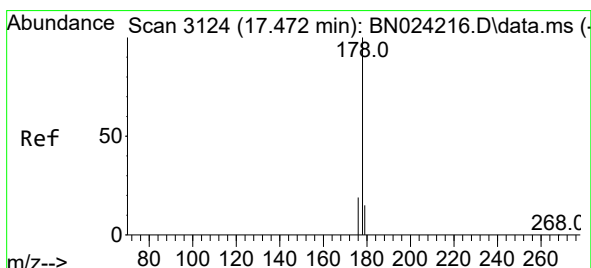
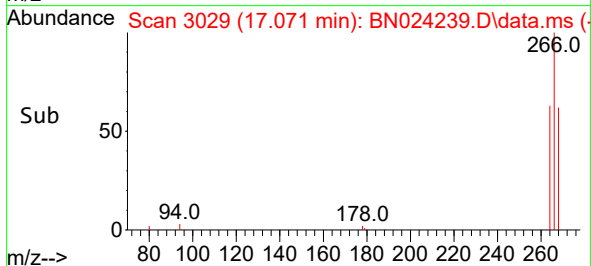
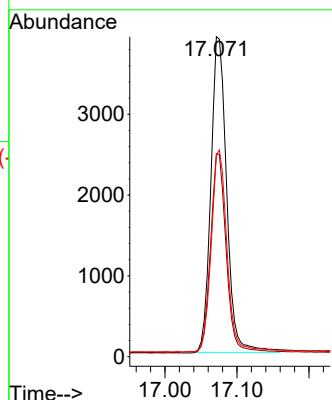
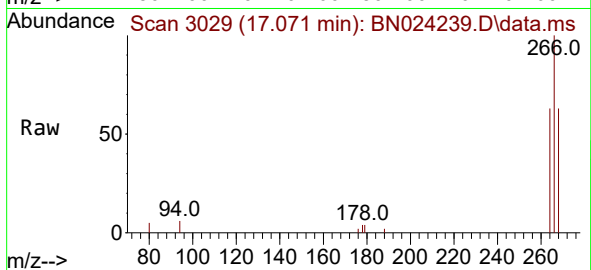
Tgt Ion:266 Resp: 5971

Ion Ratio Lower Upper

266 100

264 62.5 0.0 0.0#

268 63.6 0.1 0.1#



#15

Phenanthrene

Concen: 0.051 ng/ul

RT: 17.472 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

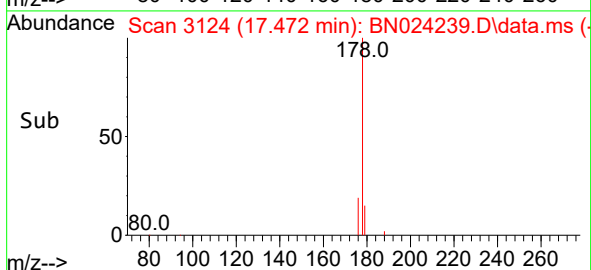
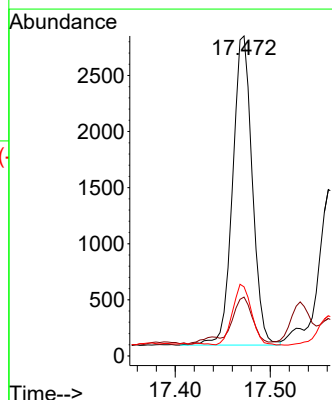
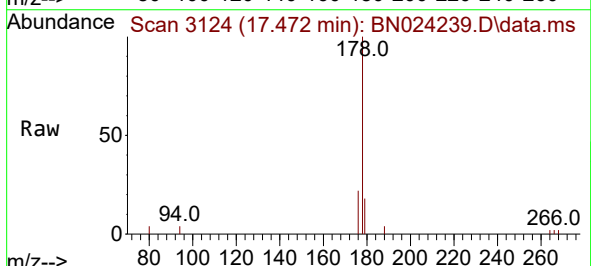
Tgt Ion:178 Resp: 3965

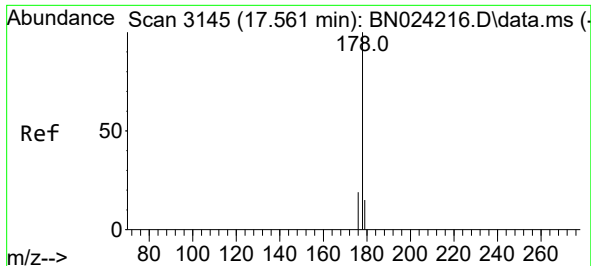
Ion Ratio Lower Upper

178 100

179 18.4 12.2 18.2#

176 21.6 15.7 23.5

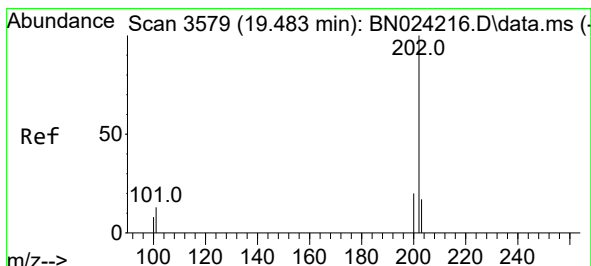
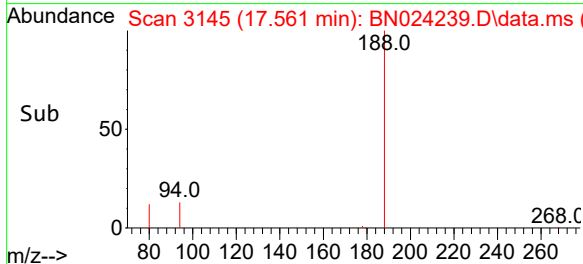
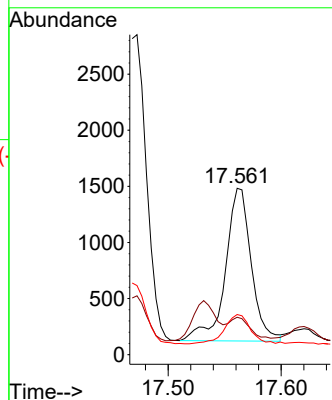
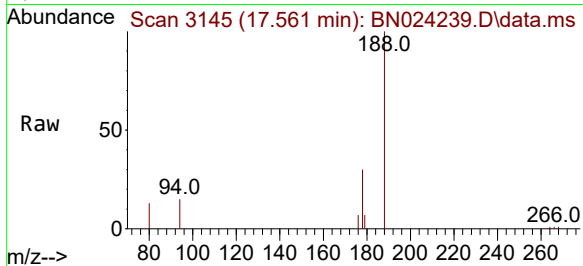




#16
 Anthracene
 Concen: 0.032 ng/ul
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024239.D
 Acq: 10 Mar 2023 16:31

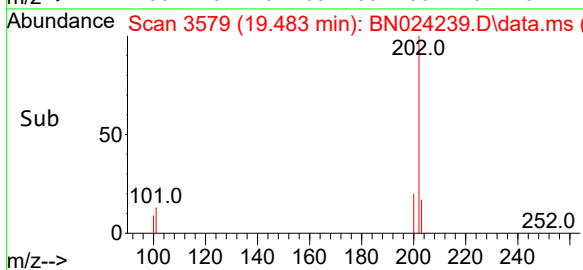
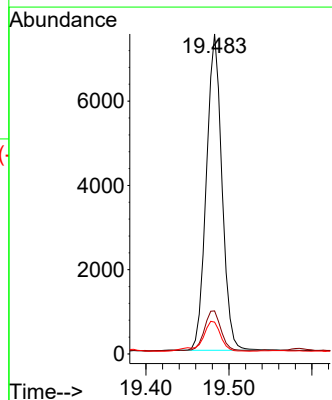
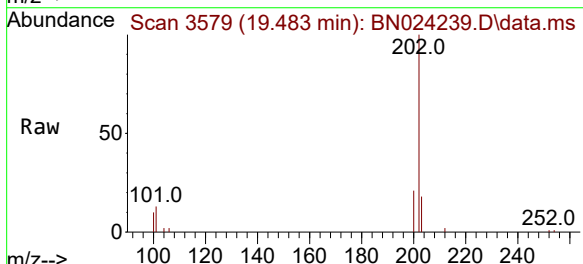
Instrument :
 BNA_N
 ClientSampleId :
 DCAD4DL

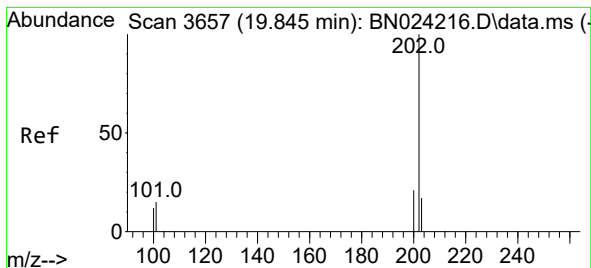
Tgt Ion:178 Resp: 2168
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.3 18.5#
 176 24.1 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.134 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024239.D
 Acq: 10 Mar 2023 16:31

Tgt Ion:202 Resp: 9773
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.4 15.6
 100 10.0 7.7 11.5





#20

Pyrene

Concen: 0.095 ng/ul

RT: 19.845 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

Instrument :

BNA_N

ClientSampleId :

DCAD4DL

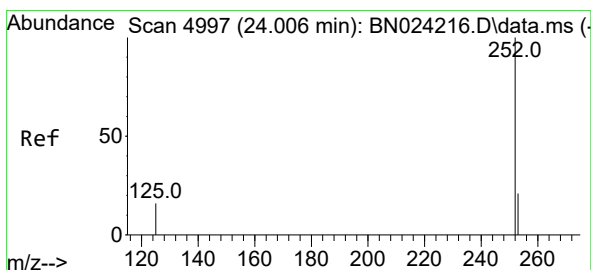
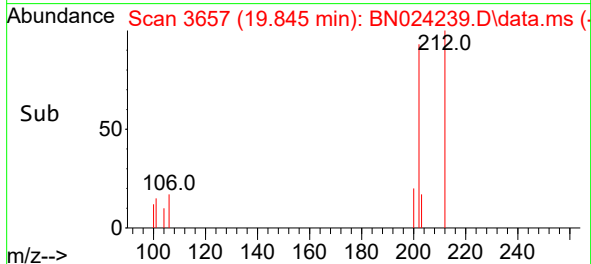
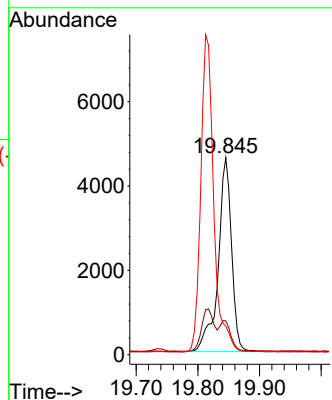
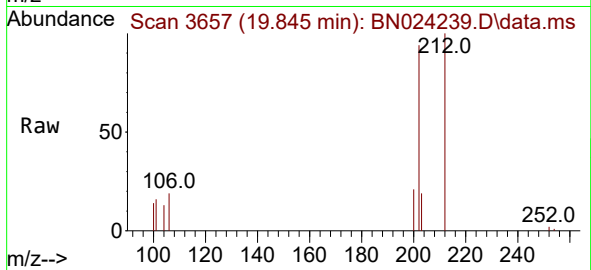
Tgt Ion:202 Resp: 7000

Ion Ratio Lower Upper

202 100

101 17.1 12.1 18.1

100 14.5 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.956 min Scan# 4980

Delta R.T. -0.050 min

Lab File: BN024239.D

Acq: 10 Mar 2023 16:31

Tgt Ion:252 Resp: 1537

Ion Ratio Lower Upper

252 100

253 60.9 19.2 28.8#

125 68.3 15.8 23.6#

