

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026200.D
 Acq On : 02 Jul 2023 22:30
 Operator : MA/JU
 Sample : 03244-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE5

Quant Time: Jul 03 06:27:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

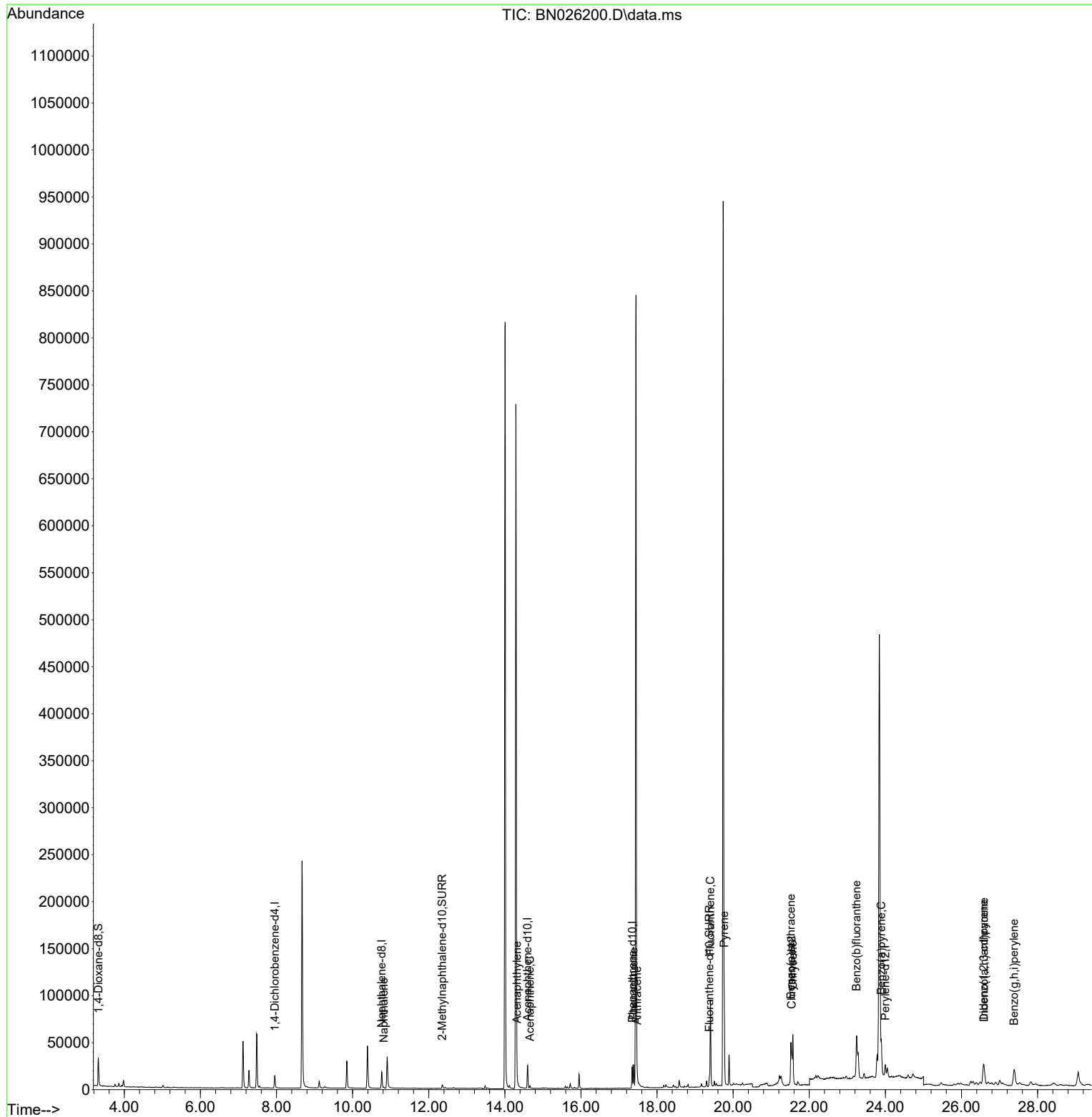
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	14008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	27139	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	15175	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	16717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	20397	2.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6109	0.161	ng/ul	-0.01
18) Fluoranthene-d10	19.374	212	11572	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1445	0.020	ng/ul#	77
10) Acenaphthylene	14.321	152	3888	0.059	ng/ul#	89
11) Acenaphthene	14.659	153	1563	0.029	ng/ul	94
15) Phenanthrene	17.386	178	27207	0.304	ng/ul	98
16) Anthracene	17.479	178	4111	0.052	ng/ul#	87
19) Fluoranthene	19.401	202	81688	1.008	ng/ul	99
20) Pyrene	19.764	202	69366	0.823	ng/ul	99
21) Benzo(a)anthracene	21.515	228	37327	0.596	ng/ul#	91
22) Chrysene	21.568	228	44050	0.676	ng/ul#	82
24) Benzo(b)fluoranthene	23.243	252	102617	1.438	ng/ul	98
26) Benzo(a)pyrene	23.892	252	50140	0.809	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.582	276	44615	0.659	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.592	278	10298	0.201	ng/ul#	66
29) Benzo(g,h,i)perylene	27.380	276	43459	0.722	ng/ul	97

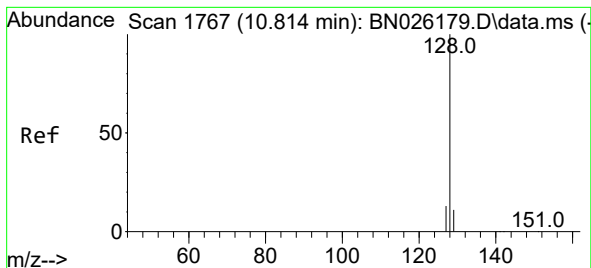
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026200.D
Acq On : 02 Jul 2023 22:30
Operator : MA/JU
Sample : 03244-06
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGE5

Quant Time: Jul 03 06:27:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.020 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5

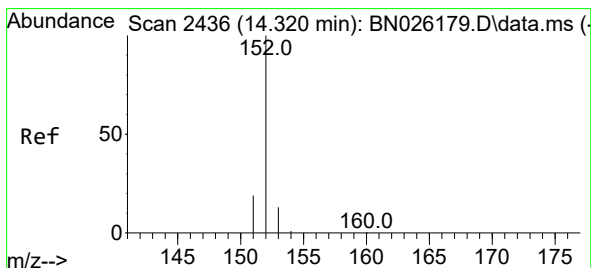
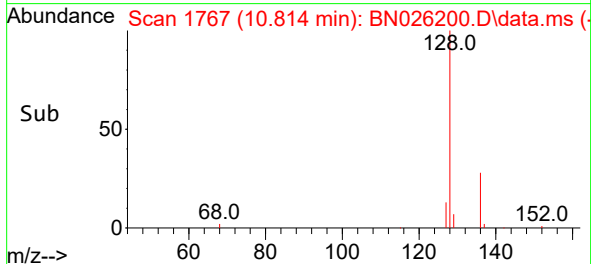
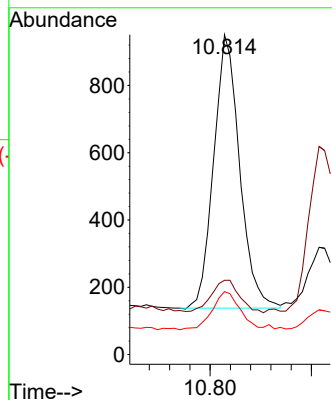
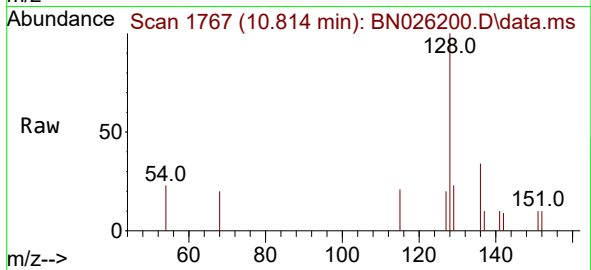
Tgt Ion:128 Resp: 1445

Ion Ratio Lower Upper

128 100

129 23.2 9.1 13.7#

127 19.7 10.7 16.1#



#10

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.321 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

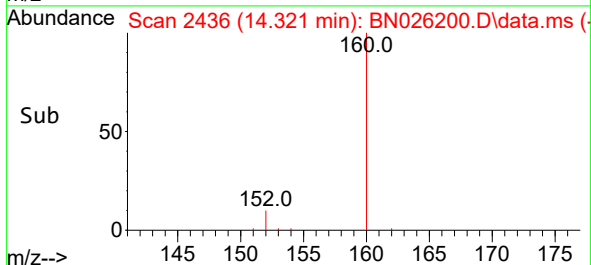
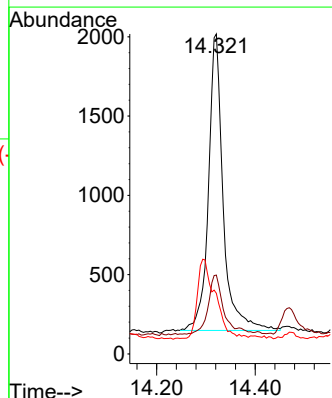
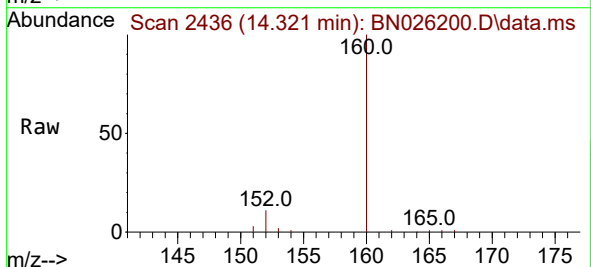
Tgt Ion:152 Resp: 3888

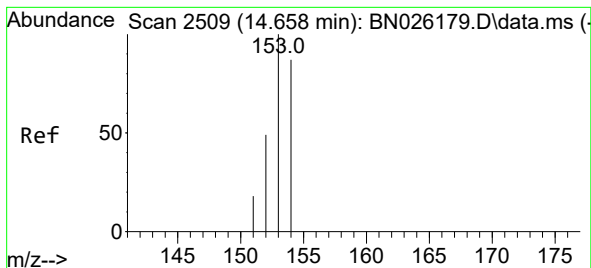
Ion Ratio Lower Upper

152 100

151 24.6 16.2 24.4#

153 18.9 10.9 16.3#





#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.659 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5

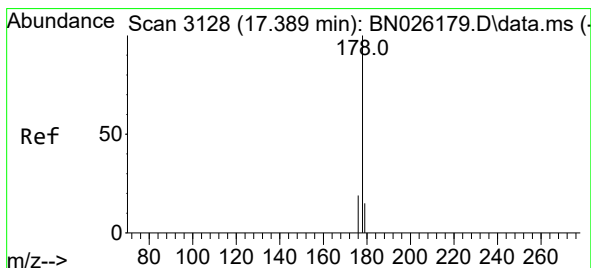
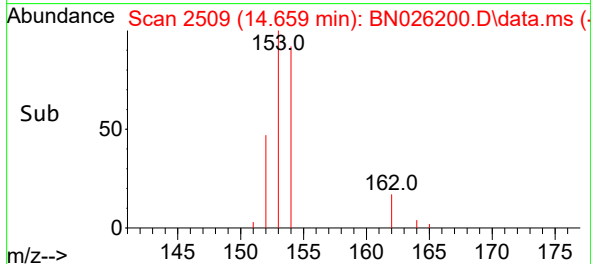
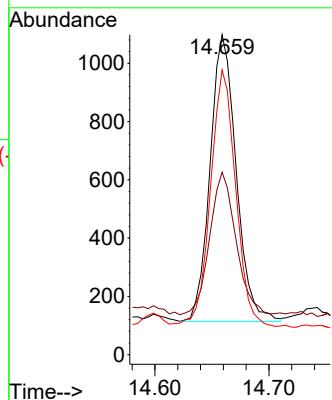
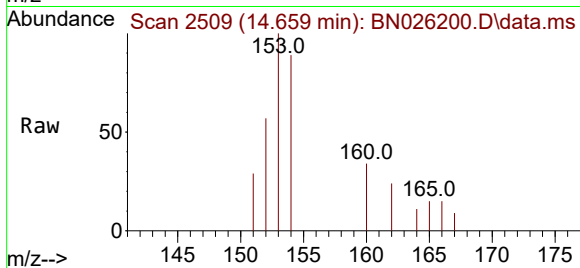
Tgt Ion:153 Resp: 1563

Ion Ratio Lower Upper

153 100

152 57.0 39.4 59.0

154 89.0 68.9 103.3



#15

Phenanthrene

Concen: 0.304 ng/ul

RT: 17.386 min Scan# 3127

Delta R.T. -0.008 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

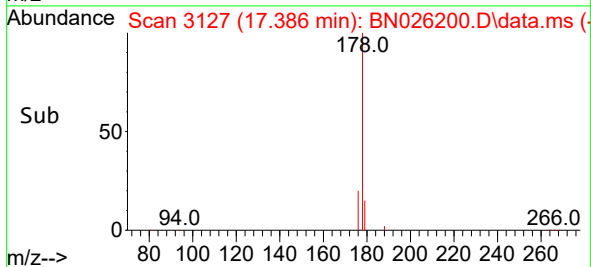
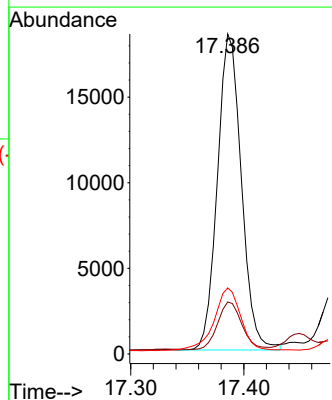
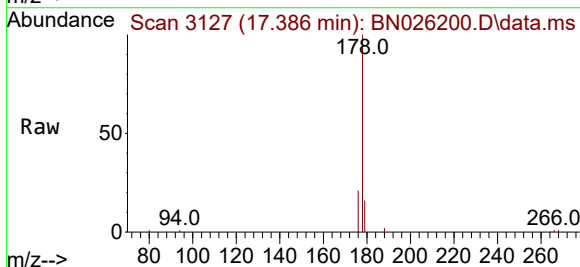
Tgt Ion:178 Resp: 27207

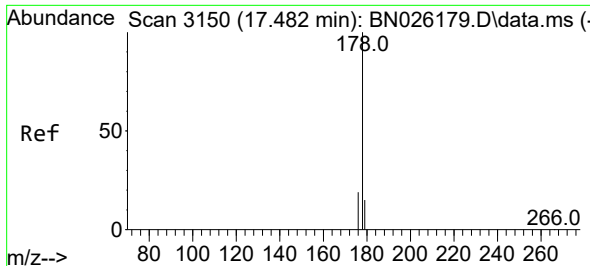
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 20.6 15.8 23.6

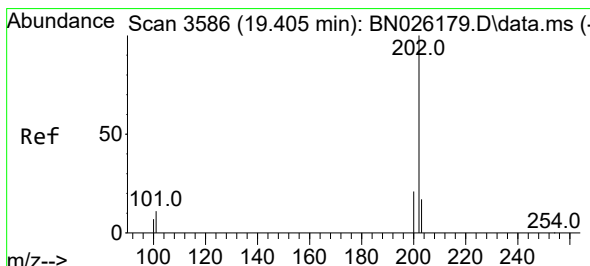
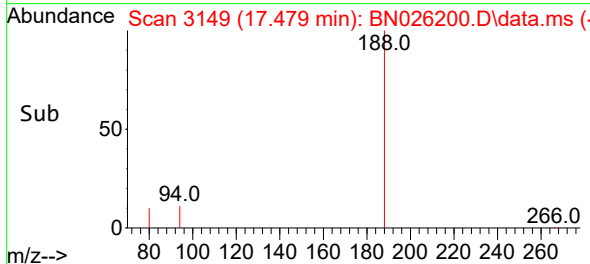
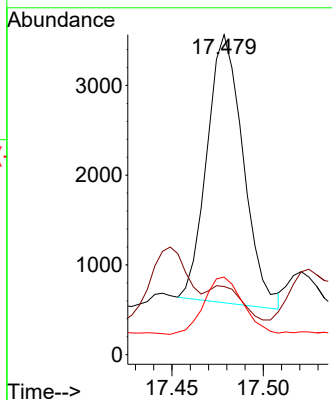
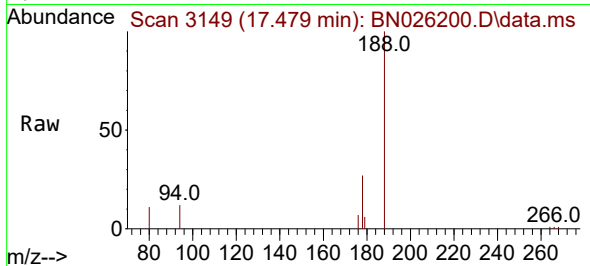




#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.479 min Scan# 3150
 Delta R.T. -0.008 min
 Lab File: BN026200.D
 Acq: 02 Jul 2023 22:30

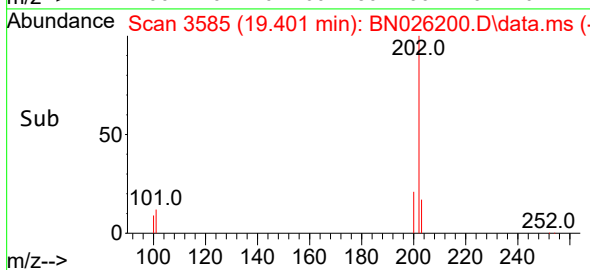
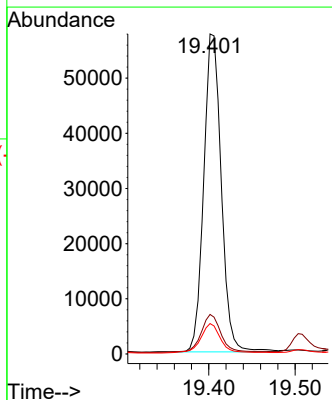
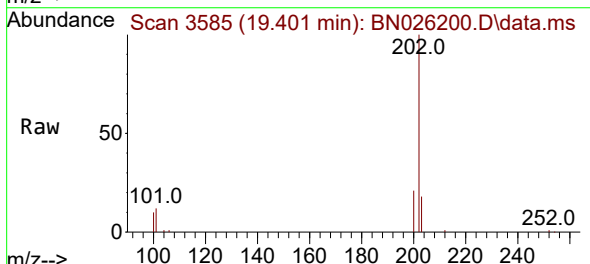
Instrument :
 BNA_N
 ClientSampleId :
 DCGE5

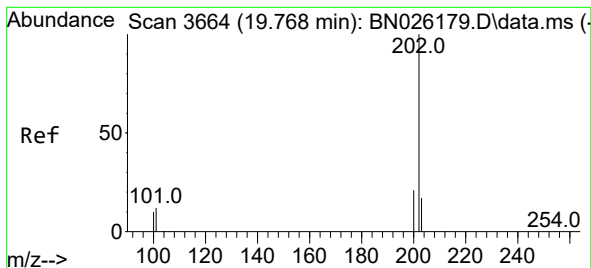
Tgt Ion:178 Resp: 4111
 Ion Ratio Lower Upper
 178 100
 179 21.3 12.6 18.8#
 176 24.2 15.1 22.7#



#19
 Fluoranthene
 Concen: 1.008 ng/ul
 RT: 19.401 min Scan# 3585
 Delta R.T. -0.009 min
 Lab File: BN026200.D
 Acq: 02 Jul 2023 22:30

Tgt Ion:202 Resp: 81688
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.5 14.3
 100 9.5 7.3 10.9





#20

Pyrene

Concen: 0.823 ng/ul

RT: 19.764 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5

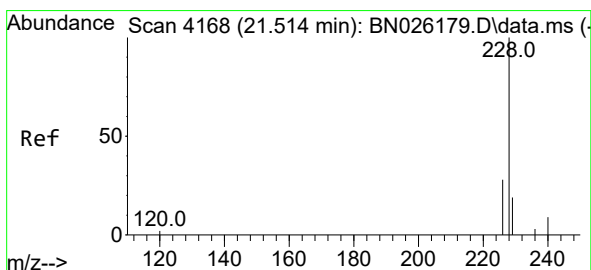
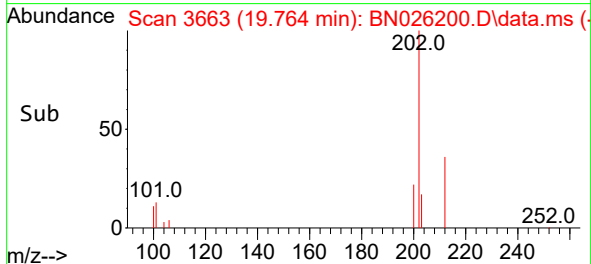
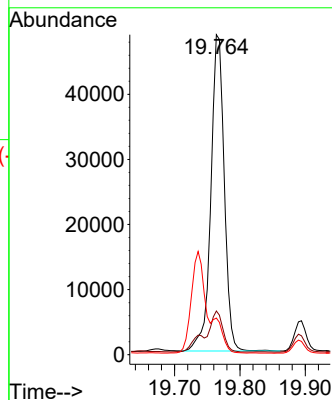
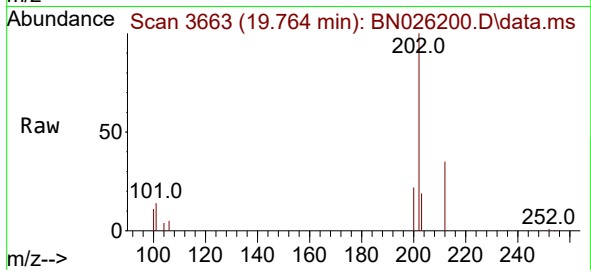
Tgt Ion:202 Resp: 69366

Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.0

100 11.4 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.596 ng/ul

RT: 21.515 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

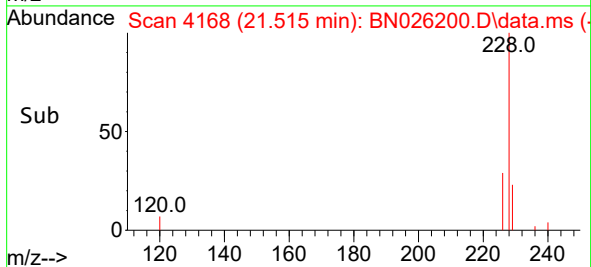
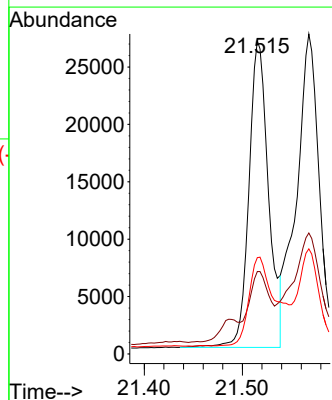
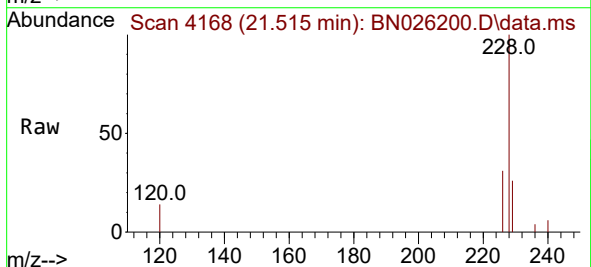
Tgt Ion:228 Resp: 37327

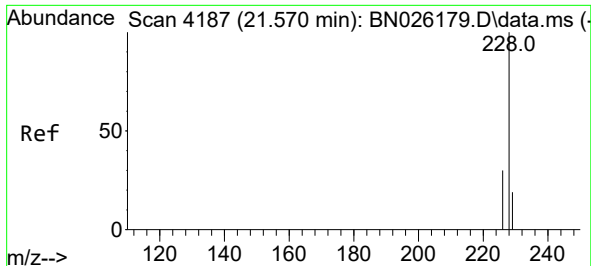
Ion Ratio Lower Upper

228 100

229 26.3 15.8 23.6#

226 30.7 22.5 33.7





#22

Chrysene

Concen: 0.676 ng/ul

RT: 21.568 min Scan# 4186

Delta R.T. -0.012 min

Lab File: BN026200.D

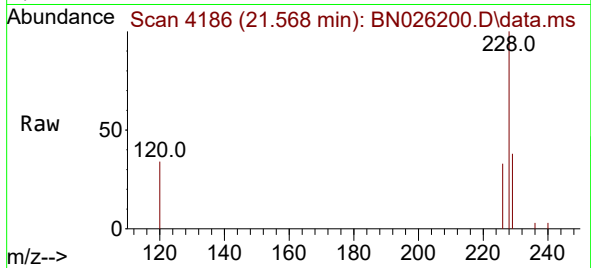
Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5



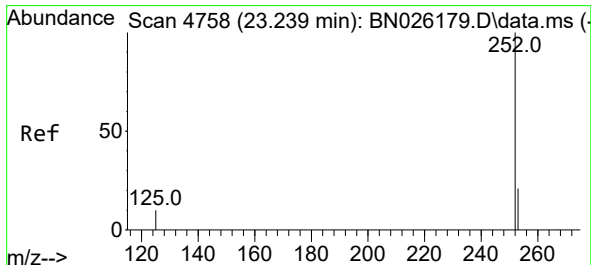
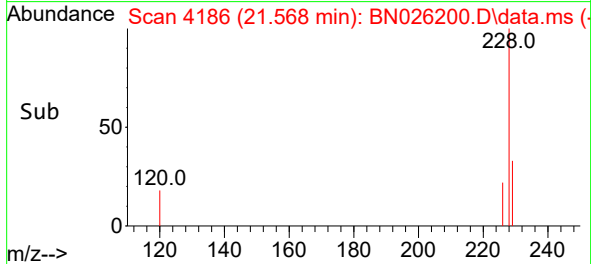
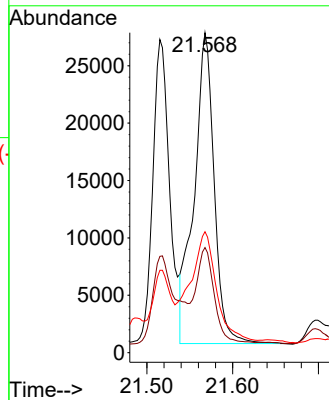
Tgt Ion:228 Resp: 44050

Ion Ratio Lower Upper

228 100

226 32.9 24.8 37.2

229 37.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 1.438 ng/ul

RT: 23.243 min Scan# 4759

Delta R.T. 0.000 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

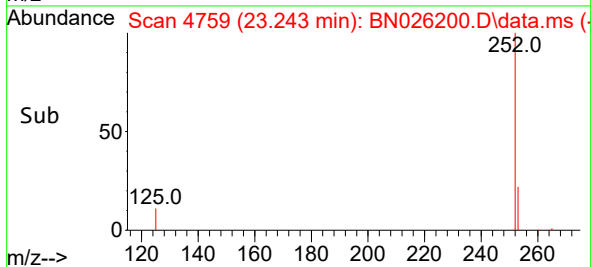
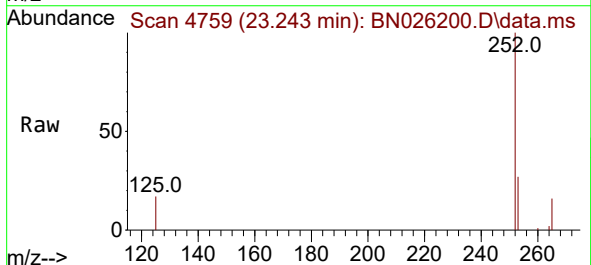
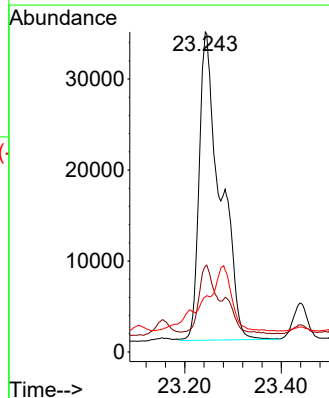
Tgt Ion:252 Resp: 102617

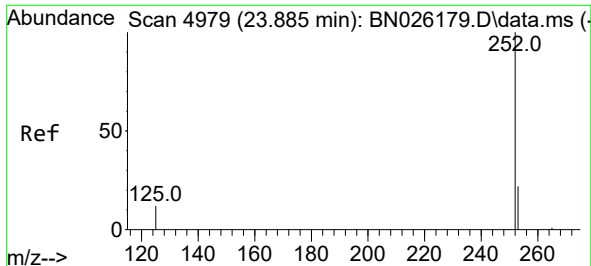
Ion Ratio Lower Upper

252 100

253 26.8 0.0 55.6

125 17.2 0.0 35.8

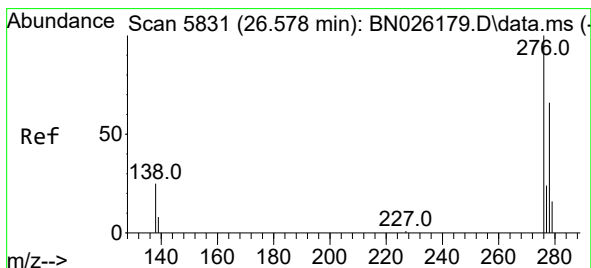
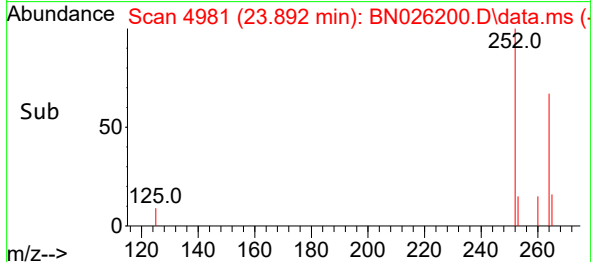
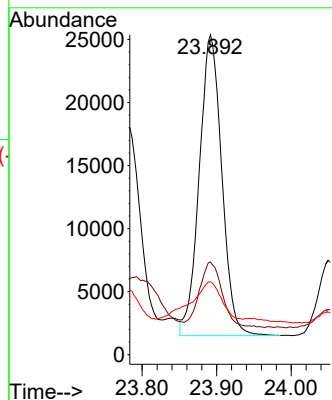
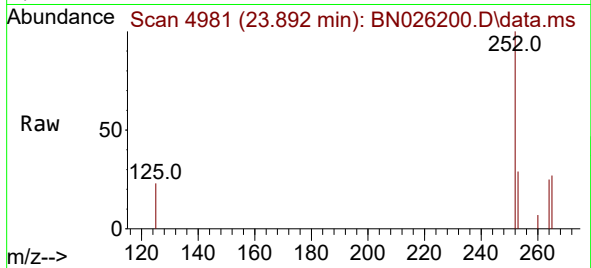




#26
Benzo(a)pyrene
Concen: 0.809 ng/ul
RT: 23.892 min Scan# 4981
Delta R.T. 0.006 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

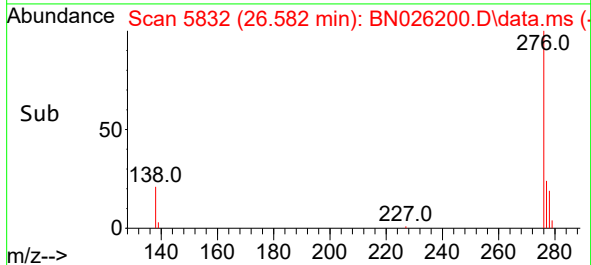
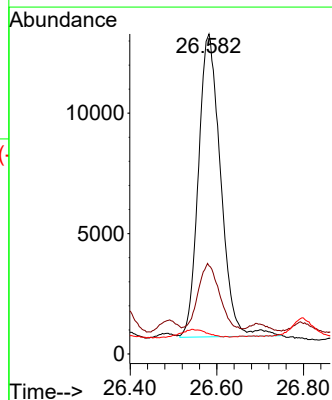
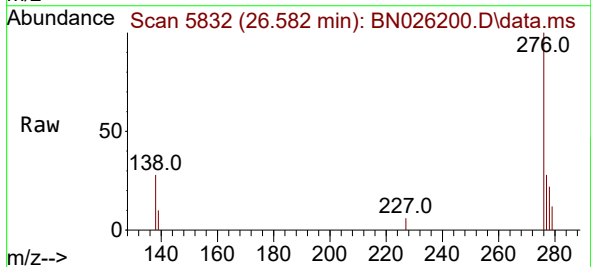
Instrument :
BNA_N
ClientSampleId :
DCGE5

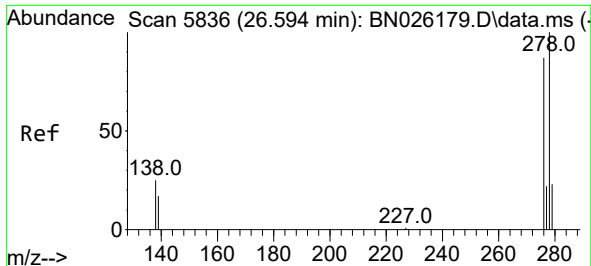
Tgt Ion:252 Resp: 50140
Ion Ratio Lower Upper
252 100
253 28.9 26.0 39.0
125 22.7 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.659 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. 0.024 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Tgt Ion:276 Resp: 44615
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.0 0.0 0.0

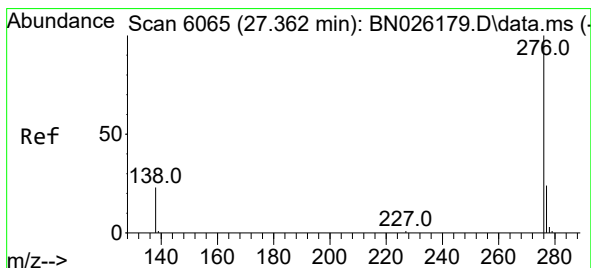
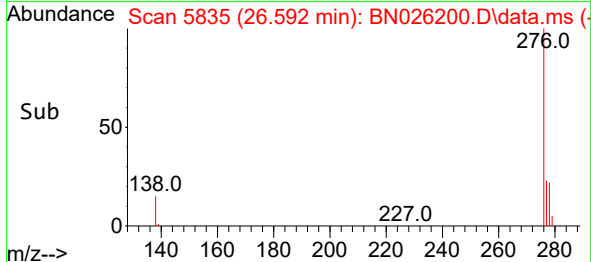
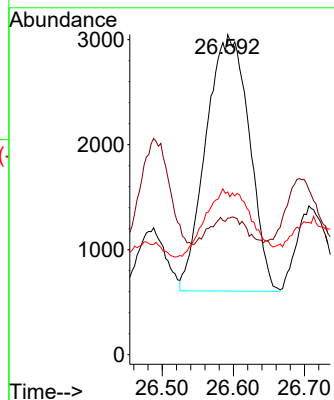
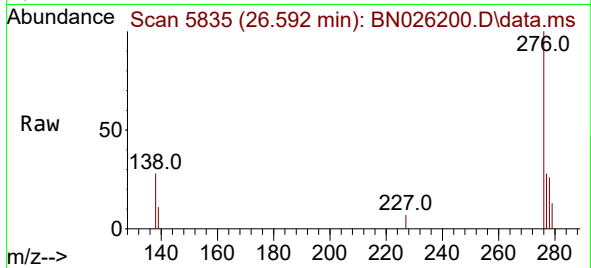




#28
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. 0.014 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Instrument :
BNA_N
ClientSampleId :
DCGE5

Tgt Ion:278 Resp: 10298
Ion Ratio Lower Upper
278 100
139 42.7 19.0 28.4#
279 50.8 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.722 ng/ul
RT: 27.380 min Scan# 6070
Delta R.T. 0.034 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Tgt Ion:276 Resp: 43459
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.0
277 27.1 20.0 30.0

