

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026204.D
 Acq On : 03 Jul 2023 00:56
 Operator : MA/JU
 Sample : 03244-10
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE9

Quant Time: Jul 03 06:28:39 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)

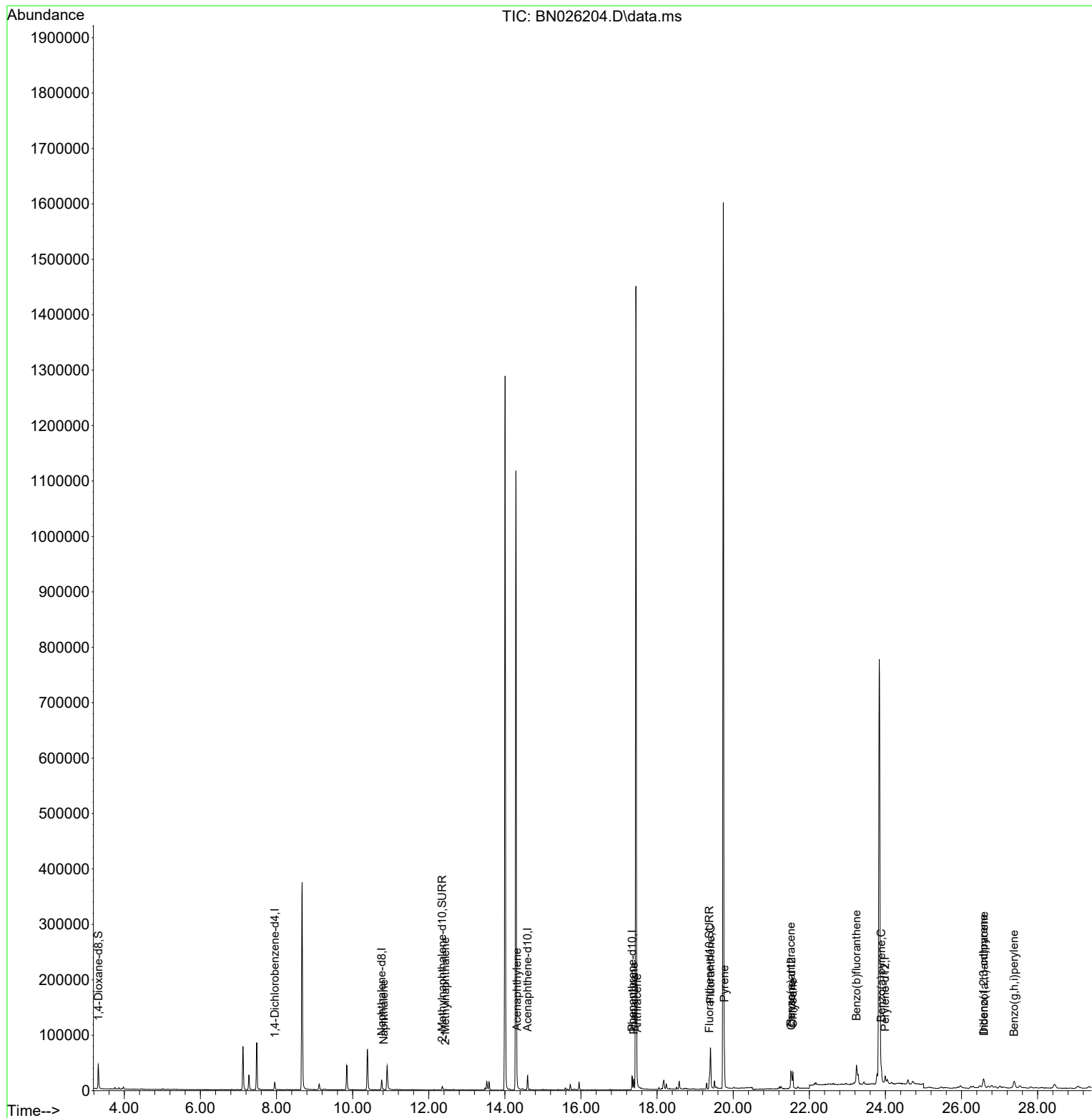
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7757	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24358	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	28933	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15710	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	17566	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	29211	3.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9184	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	20370	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1482	0.021	ng/ul#	77
7) 2-Methylnaphthalene	12.431	142	944	0.021	ng/ul	97
10) Acenaphthylene	14.320	152	4508	0.067	ng/ul#	92
15) Phenanthrene	17.389	178	21351	0.223	ng/ul	98
16) Anthracene	17.478	178	6961	0.082	ng/ul#	88
19) Fluoranthene	19.405	202	57677	0.687	ng/ul#	75
20) Pyrene	19.768	202	51435	0.589	ng/ul	99
21) Benzo(a)anthracene	21.517	228	25212	0.389	ng/ul	93
22) Chrysene	21.567	228	33086	0.491	ng/ul#	94
24) Benzo(b)fluoranthene	23.239	252	75094	1.002	ng/ul	99
26) Benzo(a)pyrene	23.891	252	33993	0.522	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.577	276	31408	0.442	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.591	278	7064	0.131	ng/ul#	58
29) Benzo(g,h,i)perylene	27.382	276	30403	0.481	ng/ul	96

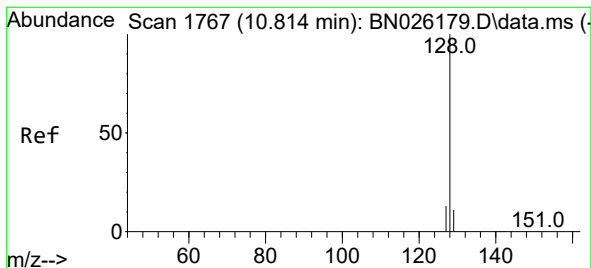
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.021 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

Instrument :

BNA_N

ClientSampleId :

DCGE9

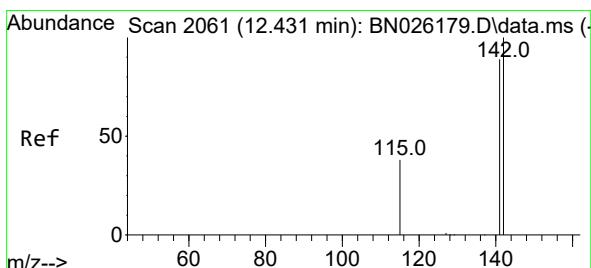
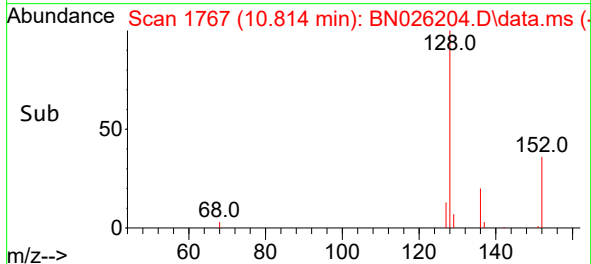
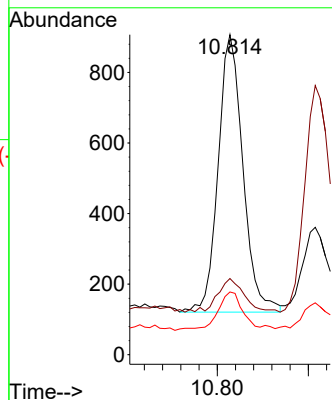
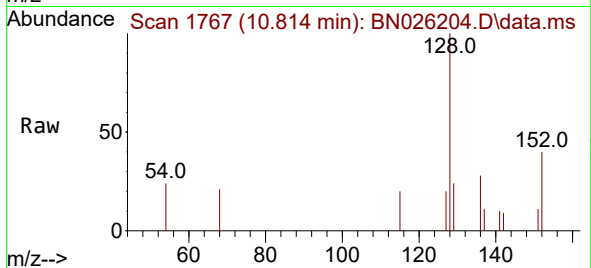
Tgt Ion:128 Resp: 1482

Ion Ratio Lower Upper

128 100

129 23.8 9.1 13.7#

127 19.6 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.431 min Scan# 2061

Delta R.T. -0.005 min

Lab File: BN026204.D

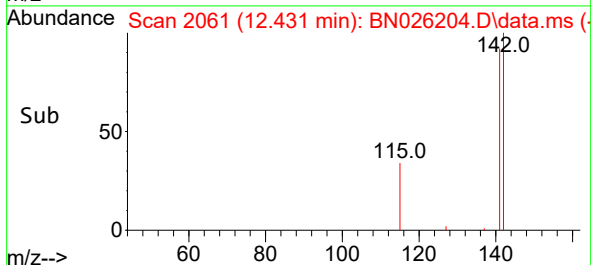
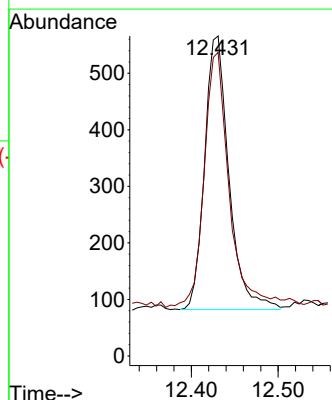
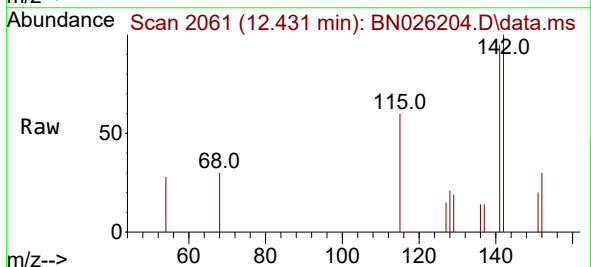
Acq: 03 Jul 2023 00:56

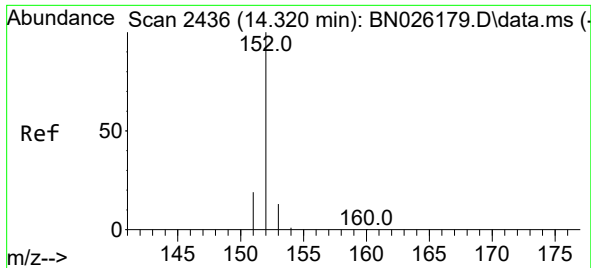
Tgt Ion:142 Resp: 944

Ion Ratio Lower Upper

142 100

141 92.8 71.9 107.9

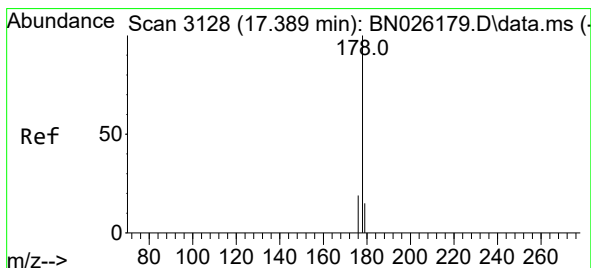
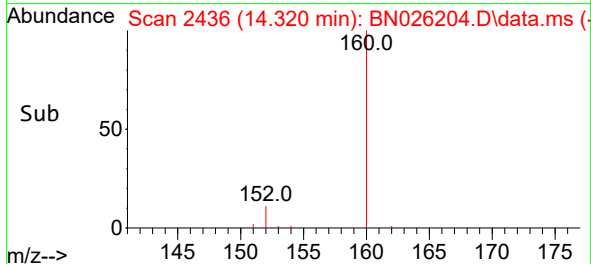
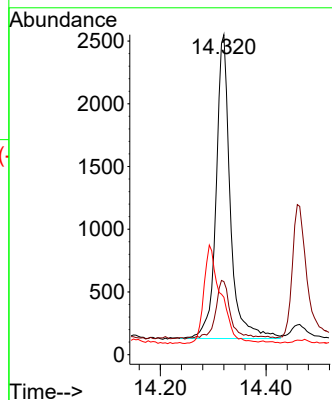
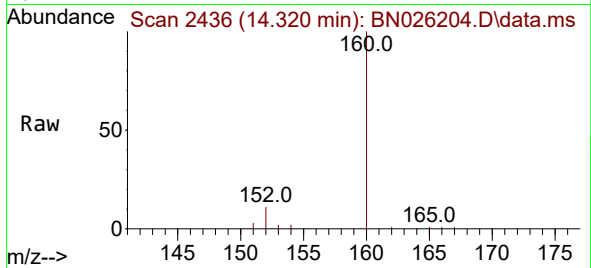




#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

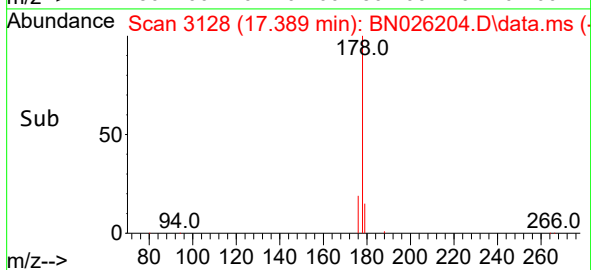
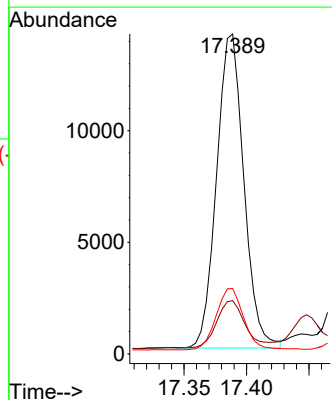
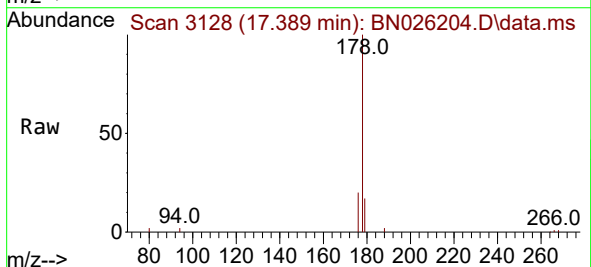
Instrument :
BNA_N
ClientSampleId :
DCGE9

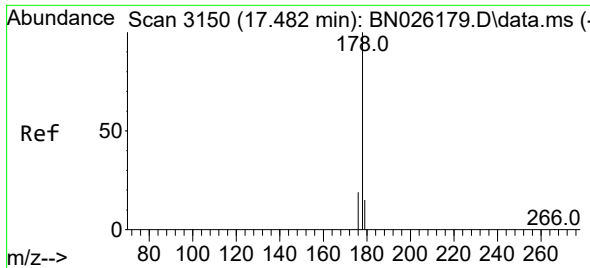
Tgt Ion:152 Resp: 4508
Ion Ratio Lower Upper
152 100
151 22.8 16.2 24.4
153 17.9 10.9 16.3#



#15
Phenanthrene
Concen: 0.223 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

Tgt Ion:178 Resp: 21351
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 20.4 15.8 23.6

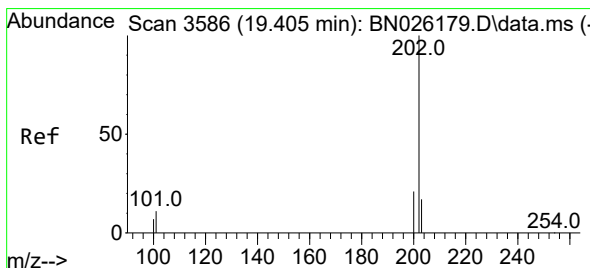
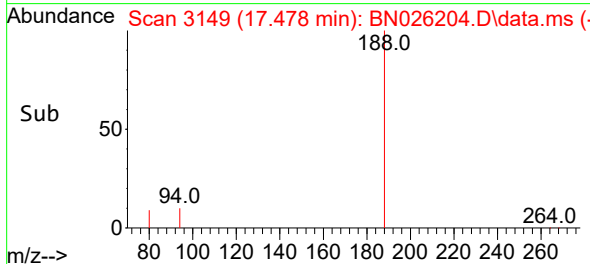
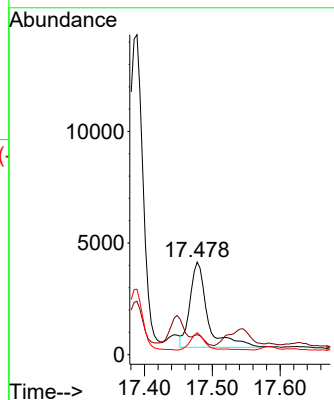
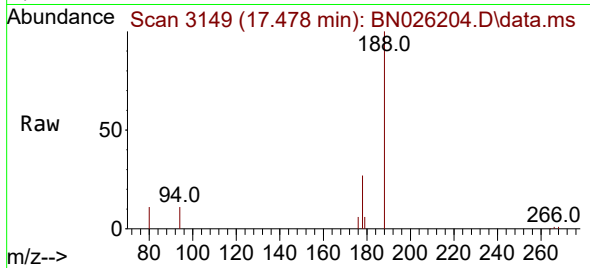




#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

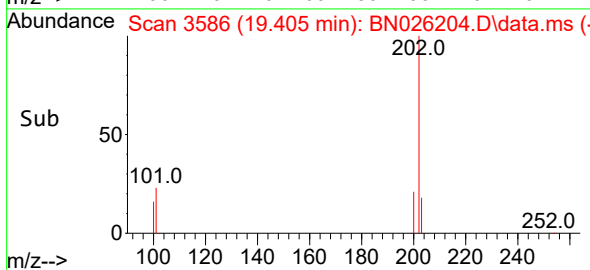
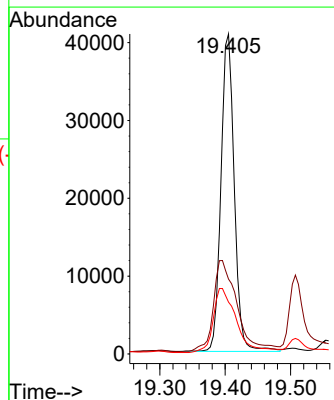
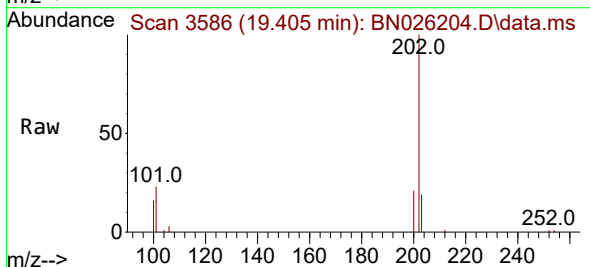
Instrument :
 BNA_N
 ClientSampleId :
 DCGE9

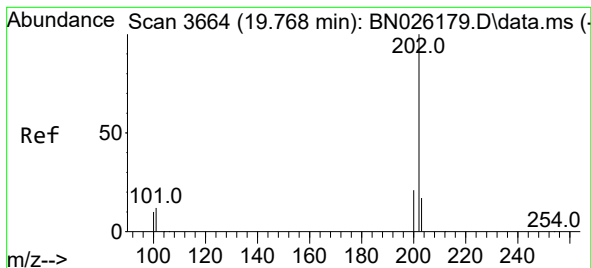
Tgt Ion:178 Resp: 6961
 Ion Ratio Lower Upper
 178 100
 179 21.6 12.6 18.8#
 176 23.6 15.1 22.7#



#19
 Fluoranthene
 Concen: 0.687 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.006 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

Tgt Ion:202 Resp: 57677
 Ion Ratio Lower Upper
 202 100
 101 23.4 9.5 14.3#
 100 16.2 7.3 10.9#





#20

Pyrene

Concen: 0.589 ng/ul

RT: 19.768 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

Instrument :

BNA_N

ClientSampleId :

DCGE9

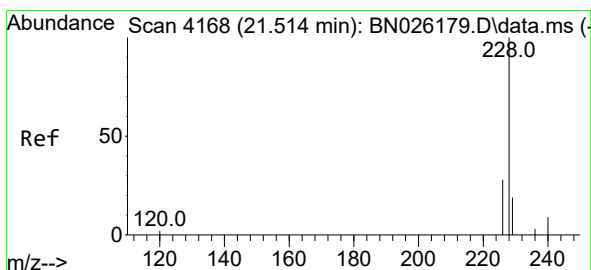
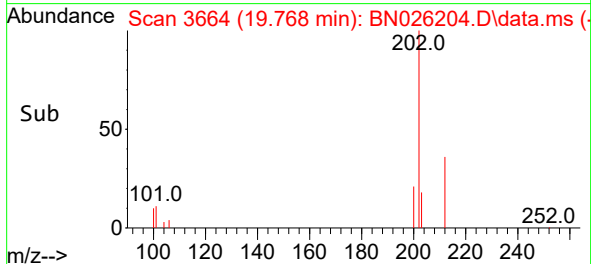
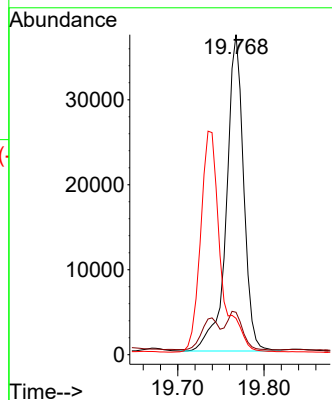
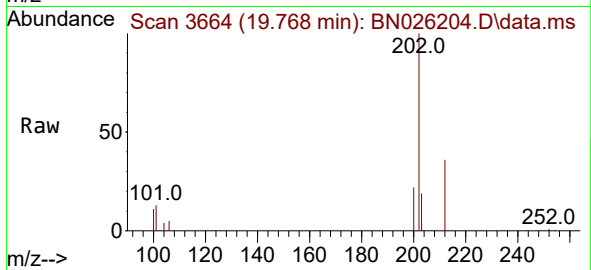
Tgt Ion:202 Resp: 51435

Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.0

100 11.4 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 21.517 min Scan# 4169

Delta R.T. -0.010 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

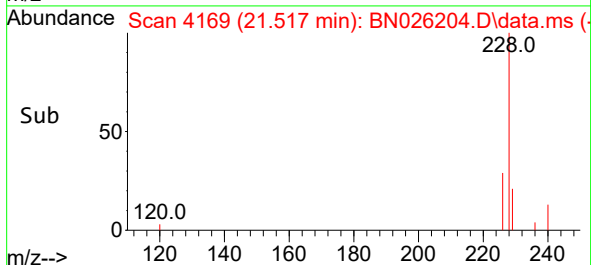
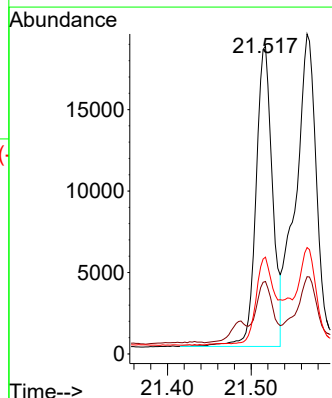
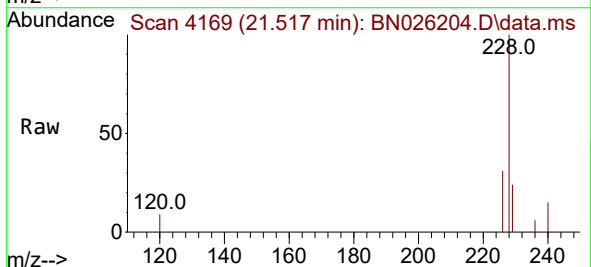
Tgt Ion:228 Resp: 25212

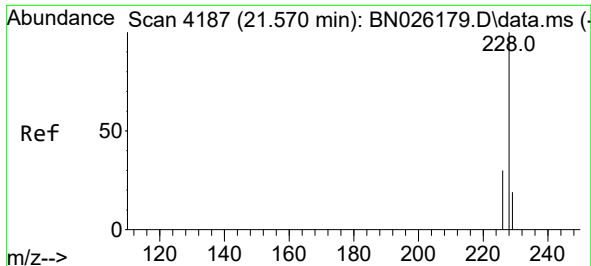
Ion Ratio Lower Upper

228 100

229 23.5 15.8 23.6

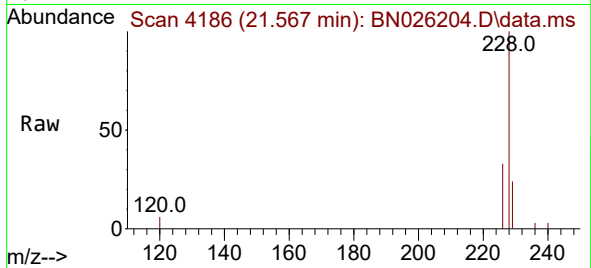
226 31.4 22.5 33.7



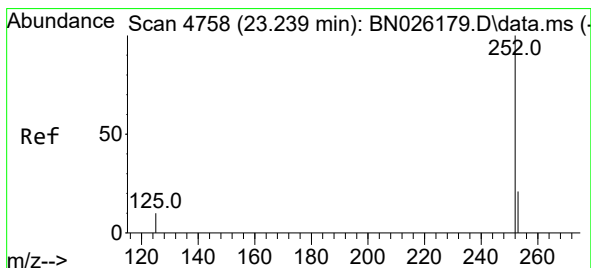
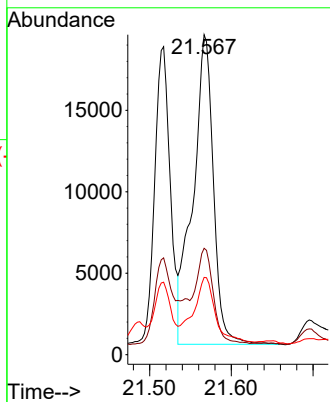
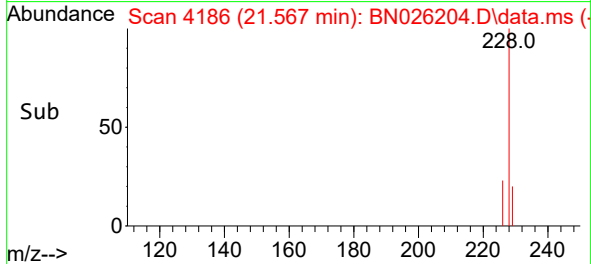


#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.013 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

Instrument :
BNA_N
ClientSampleId :
DCGE9

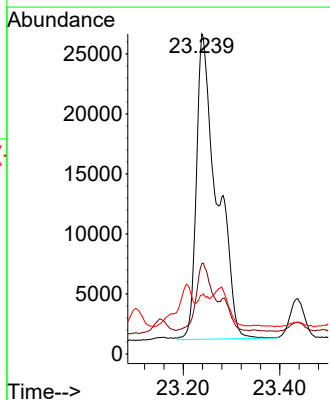
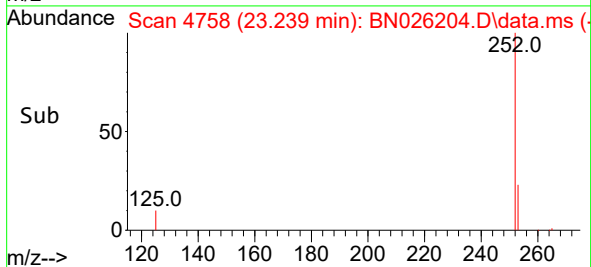
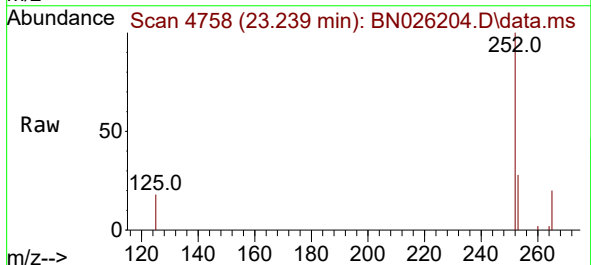


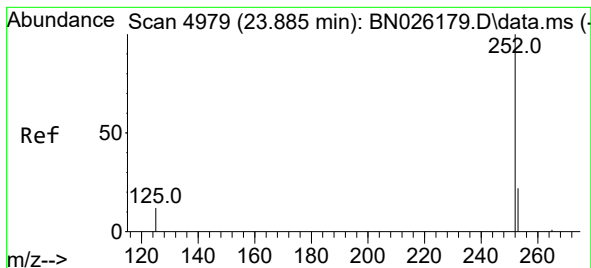
Tgt Ion:228 Resp: 33086
Ion Ratio Lower Upper
228 100
226 33.3 24.8 37.2
229 24.1 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 1.002 ng/ul
RT: 23.239 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

Tgt Ion:252 Resp: 75094
Ion Ratio Lower Upper
252 100
253 28.3 0.0 55.6
125 18.4 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.522 ng/ul

RT: 23.891 min Scan# 4981

Delta R.T. 0.005 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

Instrument :

BN026204.D

ClientSampleId :

DCGE9

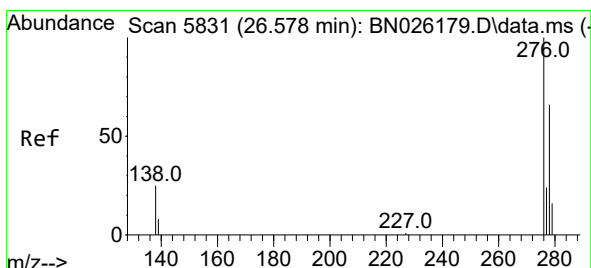
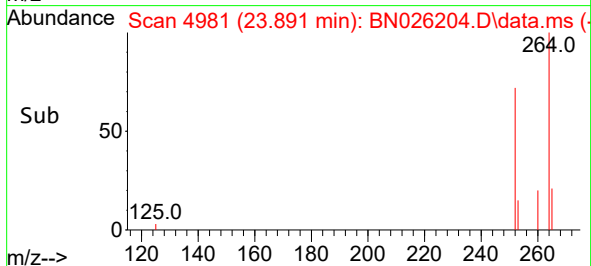
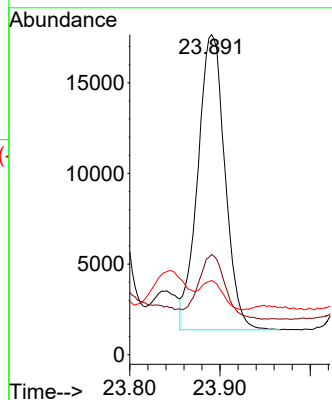
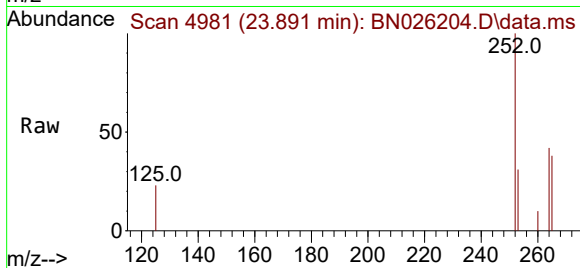
Tgt Ion:252 Resp: 33993

Ion Ratio Lower Upper

252 100

253 31.3 26.0 39.0

125 23.2 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.442 ng/ul

RT: 26.577 min Scan# 5831

Delta R.T. 0.019 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

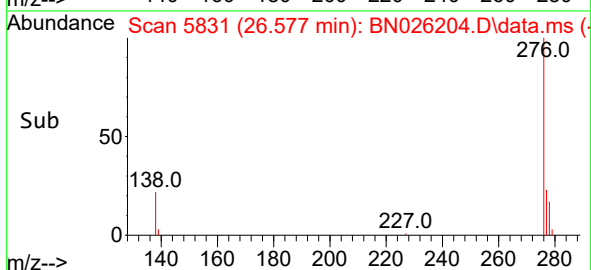
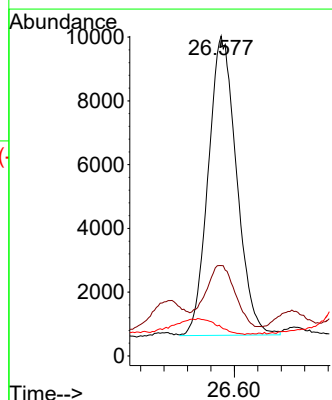
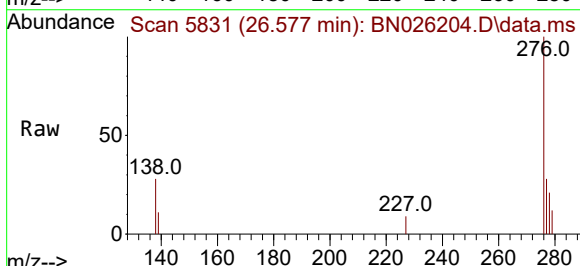
Tgt Ion:276 Resp: 31408

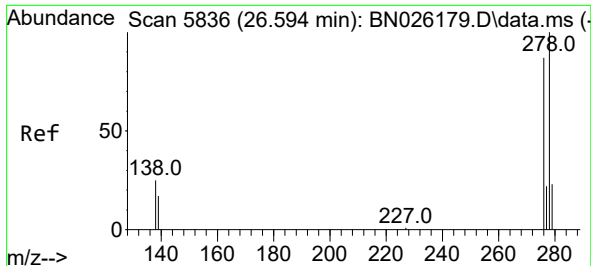
Ion Ratio Lower Upper

276 100

138 20.7 24.5 36.7#

227 0.0 0.0 0.0

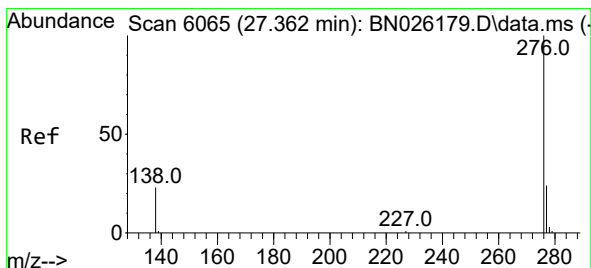
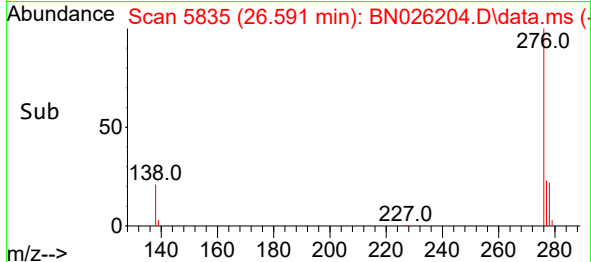
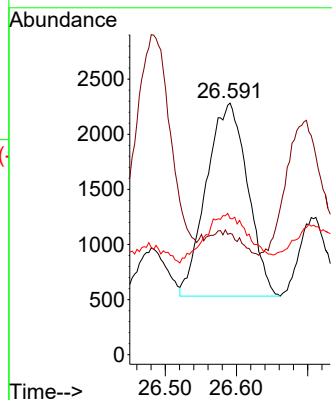
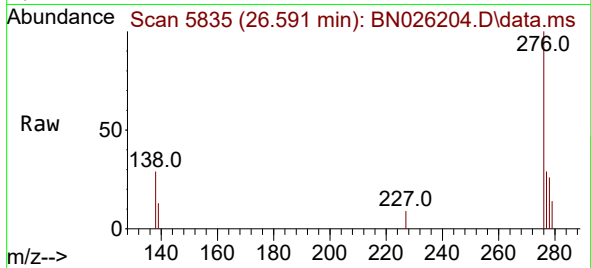




#28
 Dibenzo(a,h)anthracene
 Concen: 0.131 ng/ul
 RT: 26.591 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

Instrument :
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 DCGE9

Tgt Ion:278 Resp: 7064
 Ion Ratio Lower Upper
 278 100
 139 48.2 19.0 28.4#
 279 54.2 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.481 ng/ul
 RT: 27.382 min Scan# 6071
 Delta R.T. 0.036 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

Tgt Ion:276 Resp: 30403
 Ion Ratio Lower Upper
 276 100
 138 30.8 23.4 35.0
 277 27.9 20.0 30.0

