

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026209.D
 Acq On : 03 Jul 2023 03:58
 Operator : MA/JU
 Sample : 03244-15
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF4

Quant Time: Jul 03 06:29:32 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)

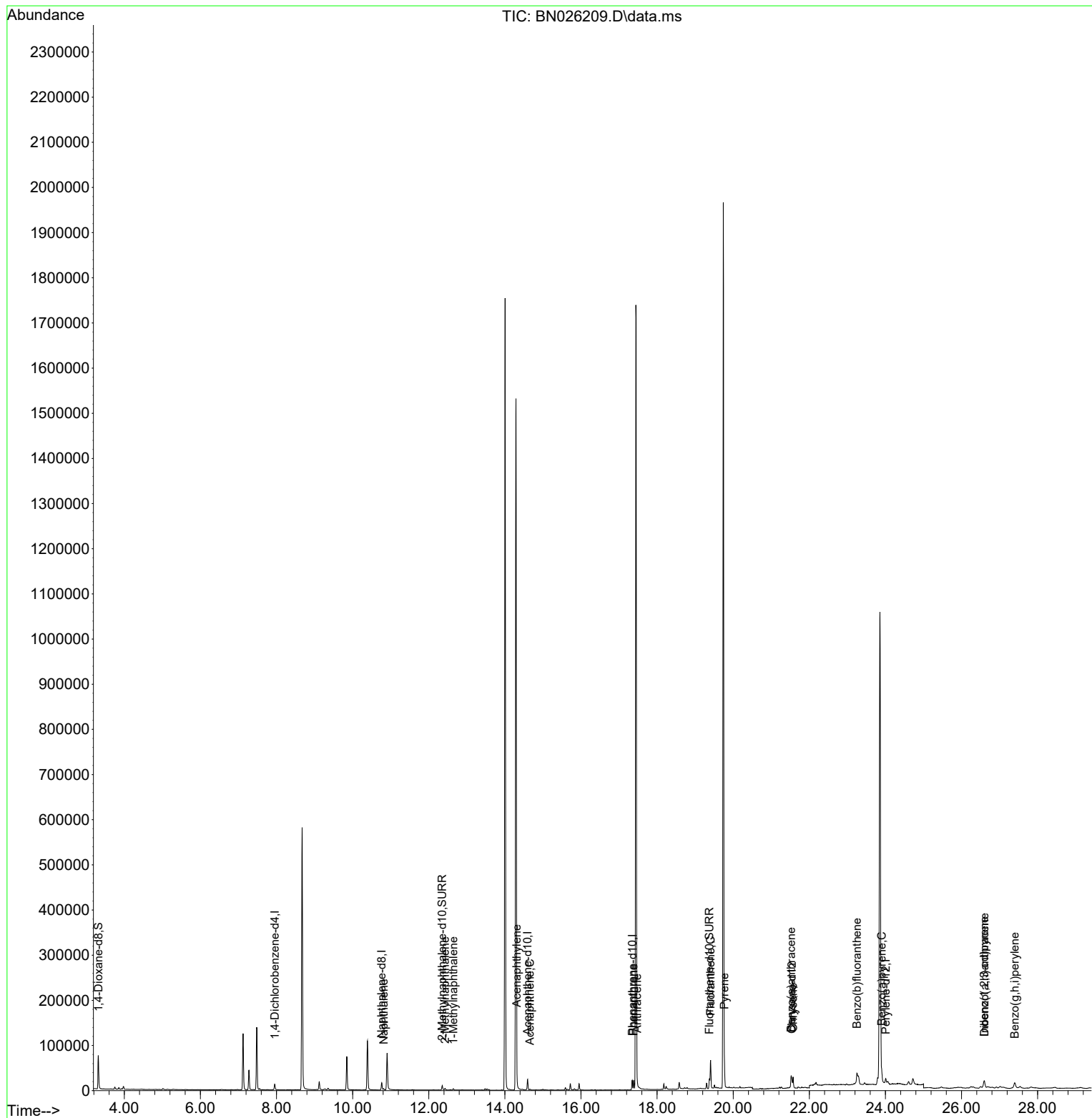
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7182	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	22561	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	13159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	25883	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	13638	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	15145	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	51170	6.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	14367	0.414	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	24505	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	3627	0.056	ng/ul#	89
7) 2-Methylnaphthalene	12.425	142	2866	0.070	ng/ul	98
8) 1-Methylnaphthalene	12.645	142	2148	0.050	ng/ul	99
10) Acenaphthylene	14.316	152	3666	0.059	ng/ul#	83
11) Acenaphthene	14.658	153	1114	0.022	ng/ul	95
15) Phenanthrene	17.385	178	22912	0.268	ng/ul	98
16) Anthracene	17.478	178	3566	0.047	ng/ul#	82
19) Fluoranthene	19.405	202	52392	0.719	ng/ul#	93
20) Pyrene	19.768	202	45774	0.604	ng/ul	99
21) Benzo(a)anthracene	21.520	228	21267	0.378	ng/ul#	89
22) Chrysene	21.573	228	28391	0.485	ng/ul#	89
24) Benzo(b)fluoranthene	23.250	252	61993	0.959	ng/ul	90
26) Benzo(a)pyrene	23.902	252	29450	0.525	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.598	276	27636	0.451	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.601	278	6518	0.140	ng/ul#	43
29) Benzo(g,h,i)perylene	27.396	276	28190	0.517	ng/ul	93

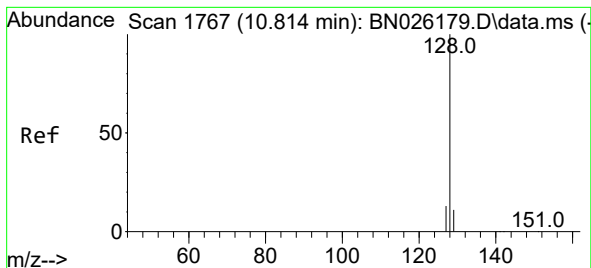
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.056 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

Instrument :

BNA_N

ClientSampleId :

DCGF4

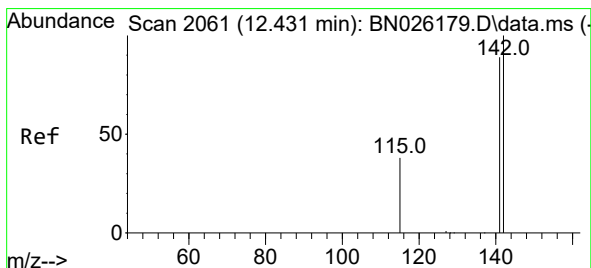
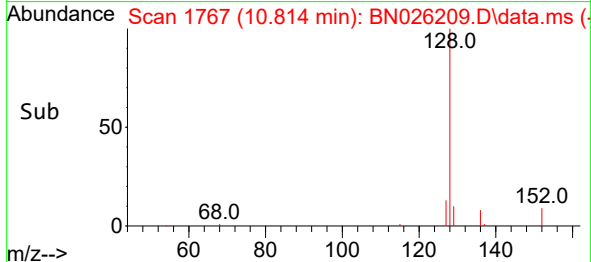
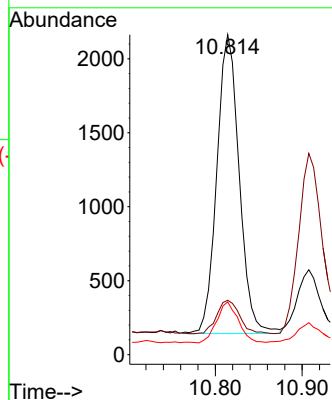
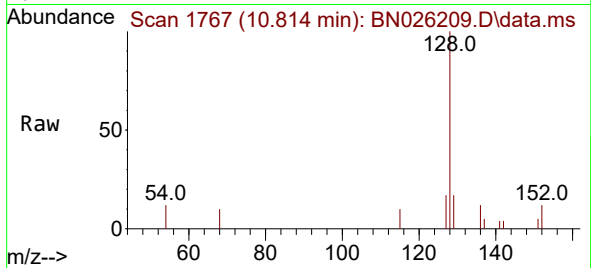
Tgt Ion:128 Resp: 3627

Ion Ratio Lower Upper

128 100

129 17.0 9.1 13.7#

127 16.5 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026209.D

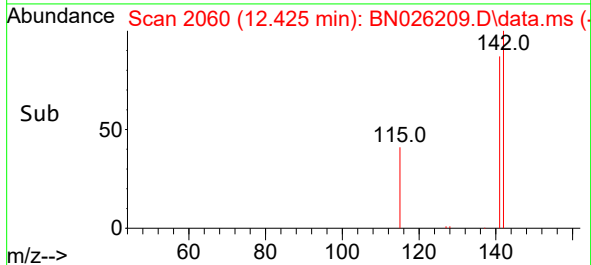
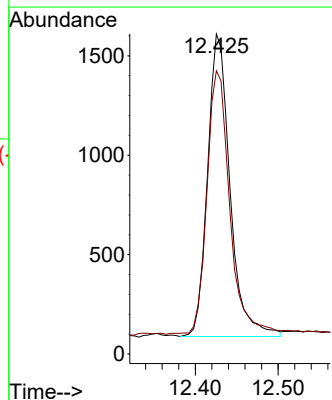
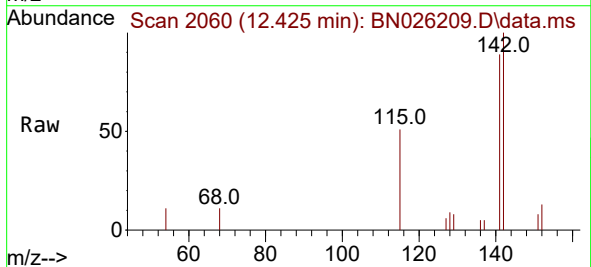
Acq: 03 Jul 2023 03:58

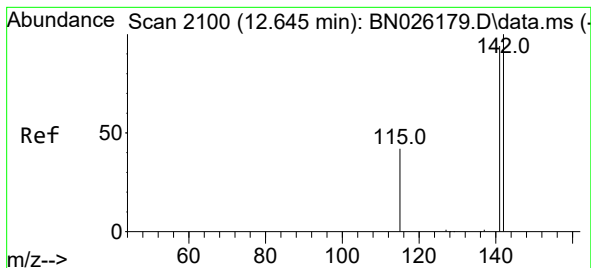
Tgt Ion:142 Resp: 2866

Ion Ratio Lower Upper

142 100

141 88.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

Instrument :

BNA_N

ClientSampleId :

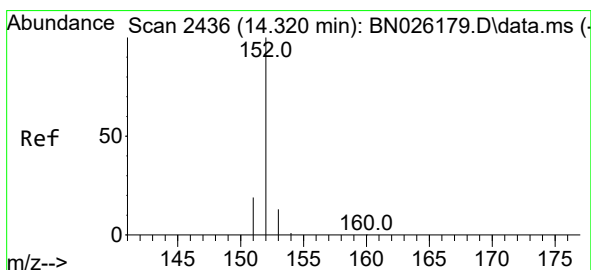
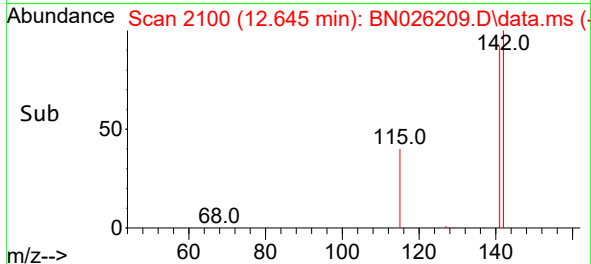
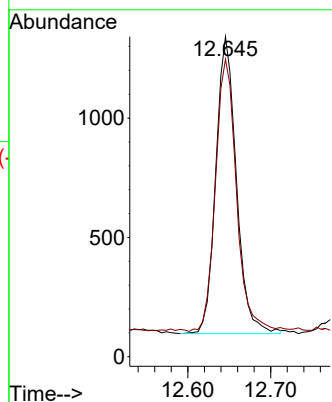
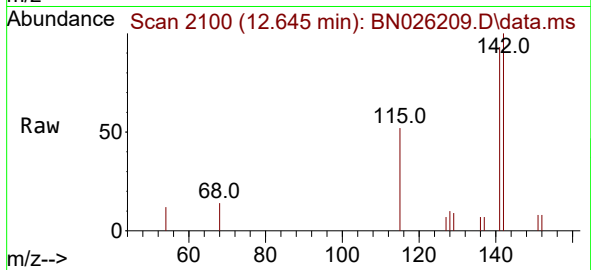
DCGF4

Tgt Ion:142 Resp: 2148

Ion Ratio Lower Upper

142 100

141 93.9 74.2 111.4



#10

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

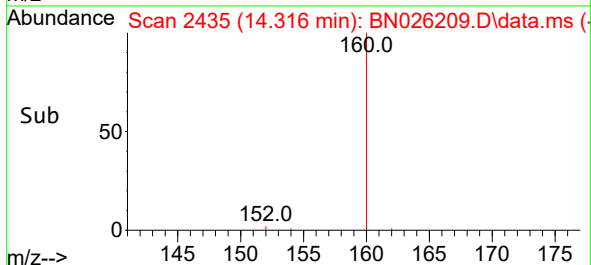
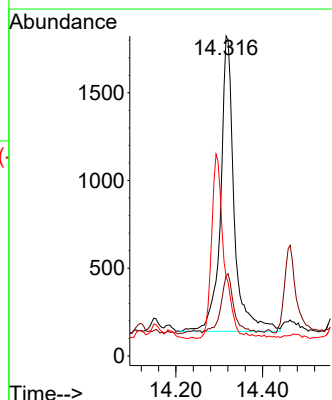
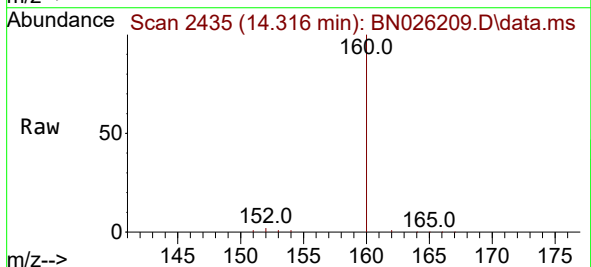
Tgt Ion:152 Resp: 3666

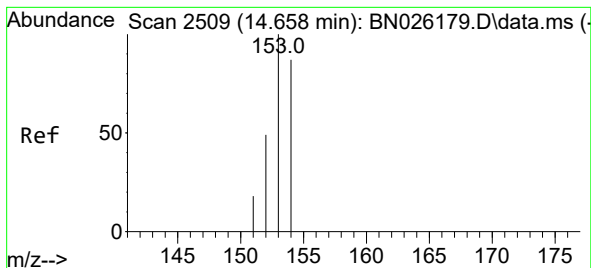
Ion Ratio Lower Upper

152 100

151 25.1 16.2 24.4#

153 24.8 10.9 16.3#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

Instrument :

BNA_N

ClientSampleId :

DCGF4

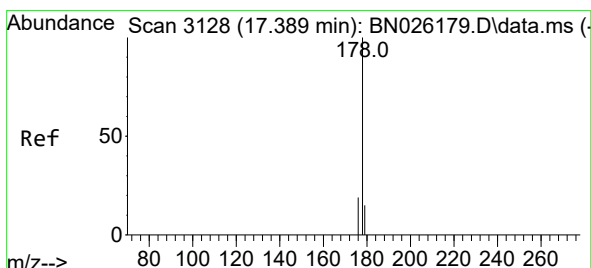
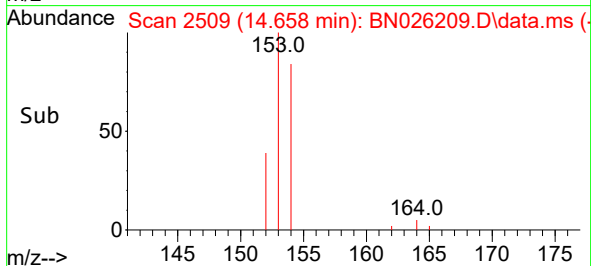
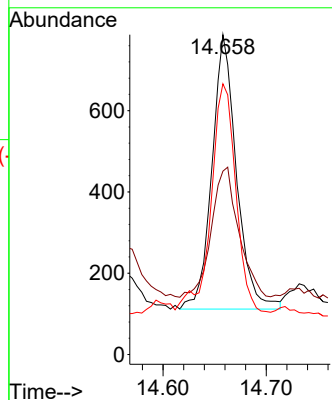
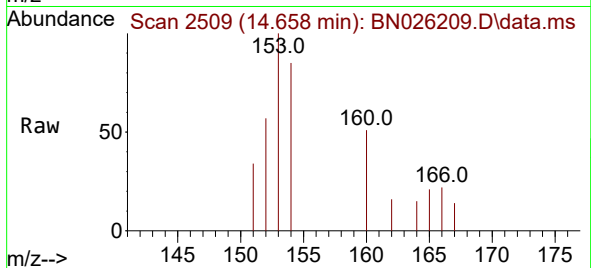
Tgt Ion:153 Resp: 1114

Ion Ratio Lower Upper

153 100

152 57.3 39.4 59.0

154 84.6 68.9 103.3



#15

Phenanthrene

Concen: 0.268 ng/ul

RT: 17.385 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

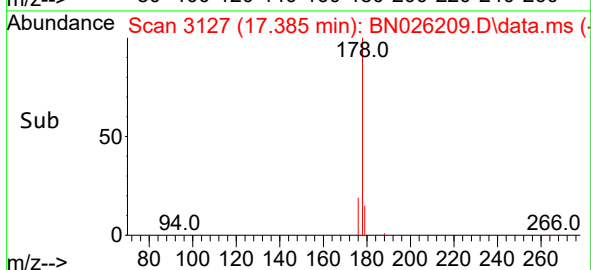
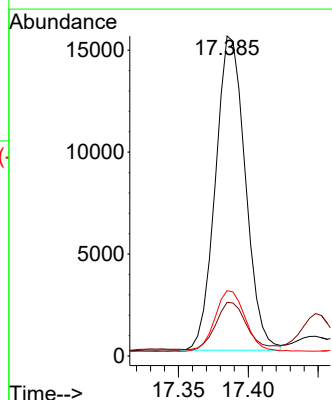
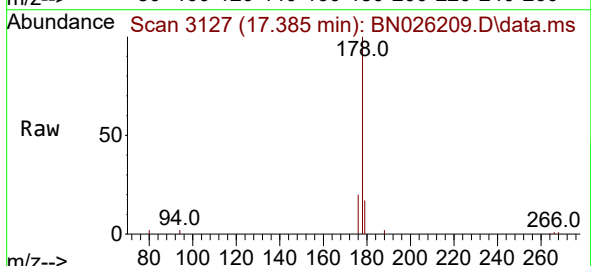
Tgt Ion:178 Resp: 22912

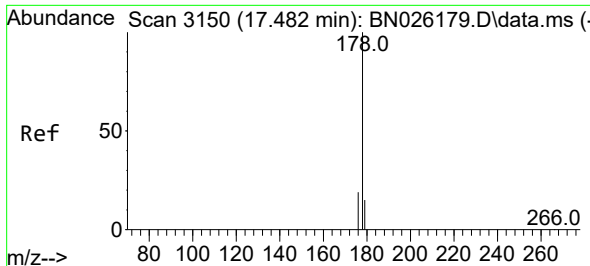
Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

176 20.4 15.8 23.6

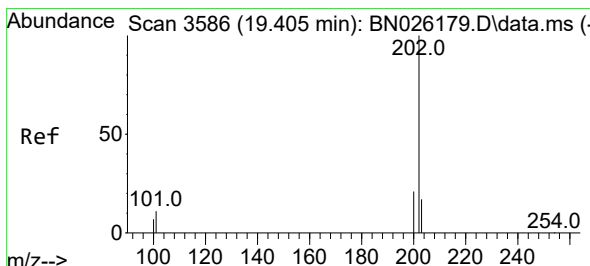
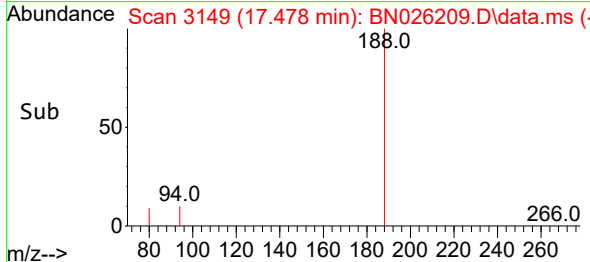
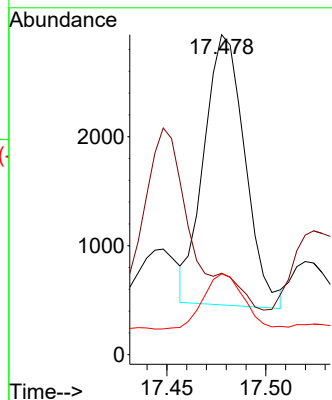
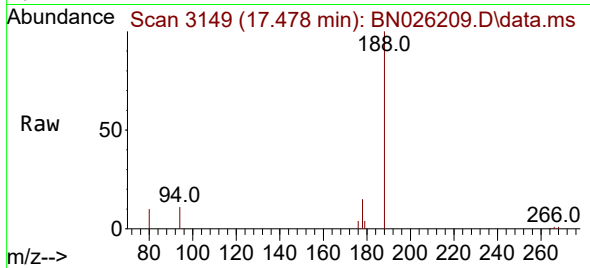




#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026209.D
 Acq: 03 Jul 2023 03:58

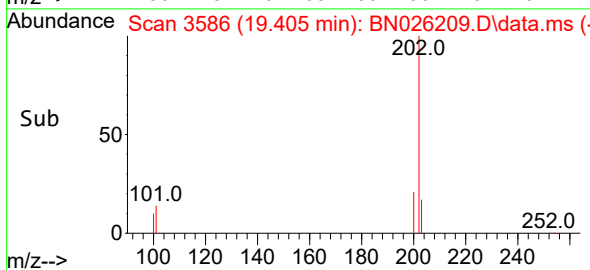
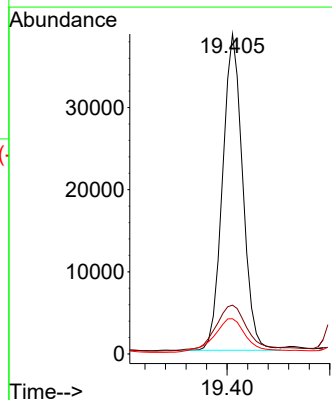
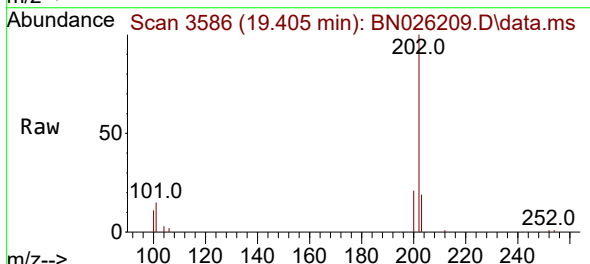
Instrument :
 BNA_N
 ClientSampleId :
 DCGF4

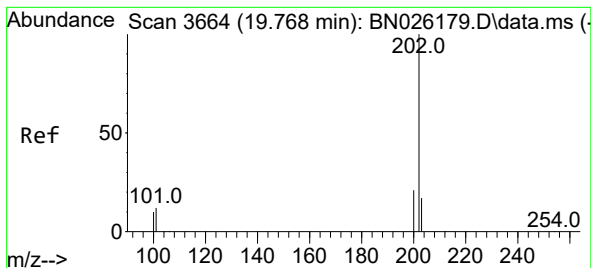
Tgt Ion:178 Resp: 3566
 Ion Ratio Lower Upper
 178 100
 179 25.5 12.6 18.8#
 176 25.2 15.1 22.7#



#19
 Fluoranthene
 Concen: 0.719 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026209.D
 Acq: 03 Jul 2023 03:58

Tgt Ion:202 Resp: 52392
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.5 14.3#
 100 11.0 7.3 10.9#





#20

Pyrene

Concen: 0.604 ng/ul

RT: 19.768 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

Instrument :

BNA_N

ClientSampleId :

DCGF4

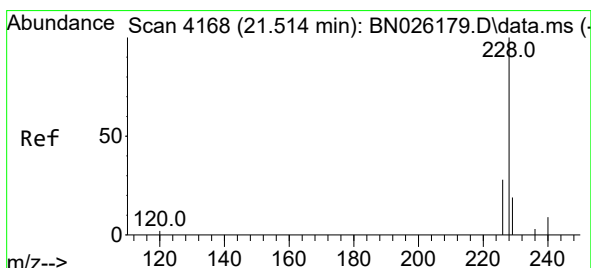
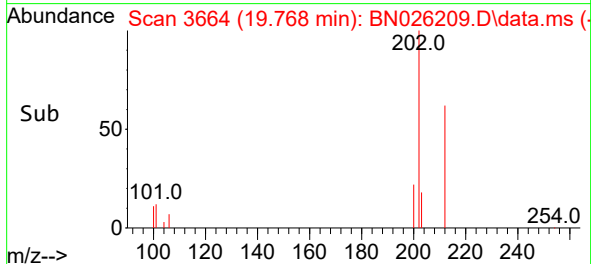
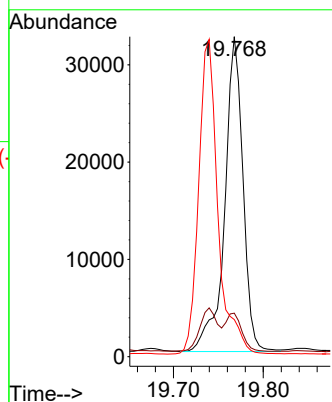
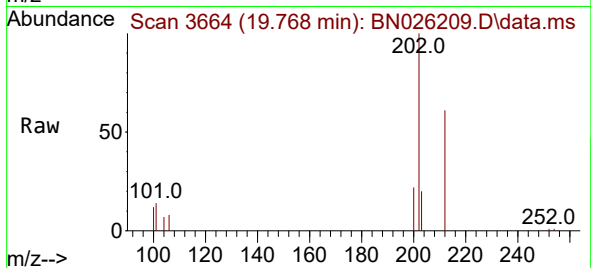
Tgt Ion:202 Resp: 45774

Ion Ratio Lower Upper

202 100

101 13.6 11.4 17.0

100 11.6 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.378 ng/ul

RT: 21.520 min Scan# 4170

Delta R.T. -0.007 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

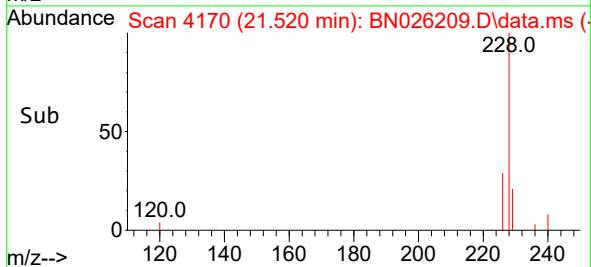
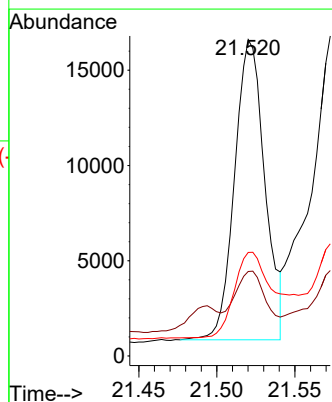
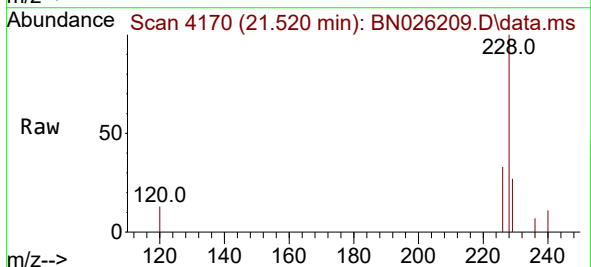
Tgt Ion:228 Resp: 21267

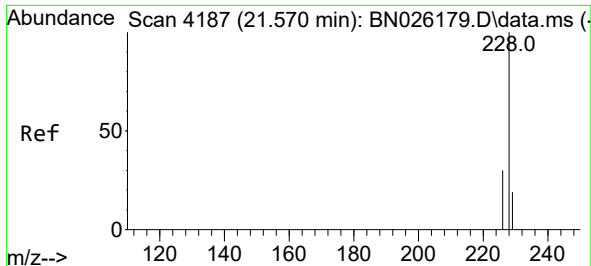
Ion Ratio Lower Upper

228 100

229 26.7 15.8 23.6#

226 32.7 22.5 33.7





#22

Chrysene

Concen: 0.485 ng/ul

RT: 21.573 min Scan# 4187

Delta R.T. -0.007 min

Lab File: BN026209.D

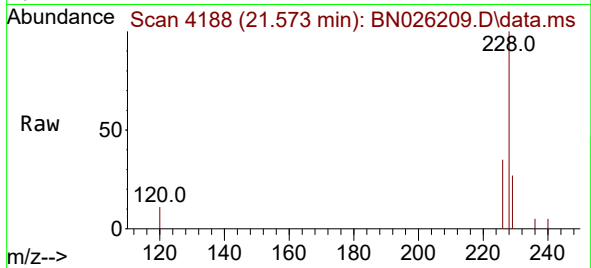
Acq: 03 Jul 2023 03:58

Instrument :

BNA_N

ClientSampleId :

DCGF4



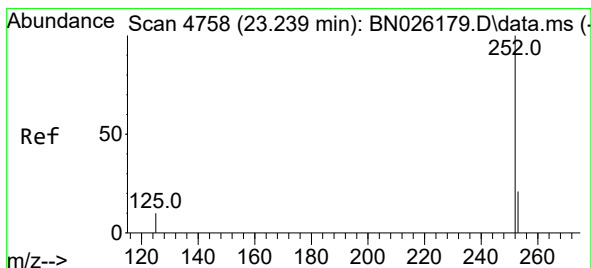
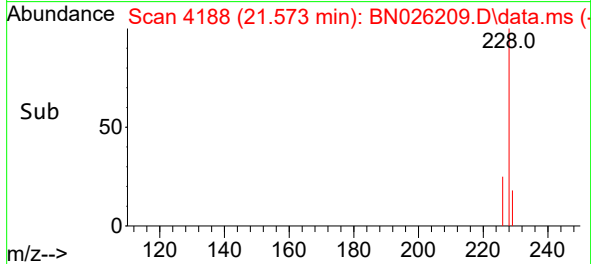
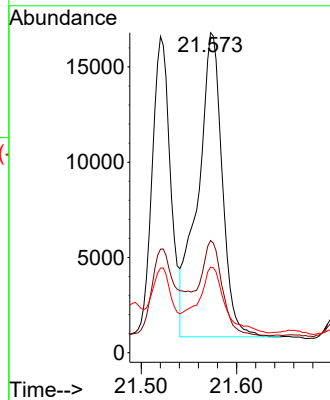
Tgt Ion:228 Resp: 28391

Ion Ratio Lower Upper

228 100

226 35.1 24.8 37.2

229 26.7 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.959 ng/ul

RT: 23.250 min Scan# 4762

Delta R.T. 0.008 min

Lab File: BN026209.D

Acq: 03 Jul 2023 03:58

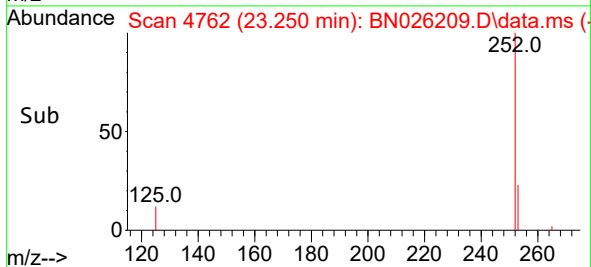
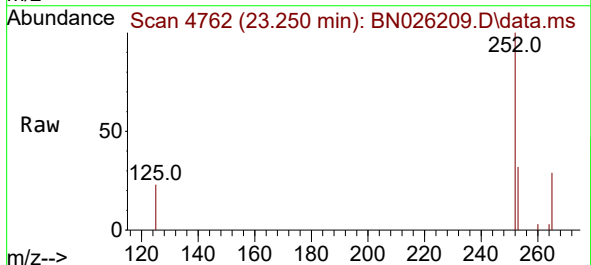
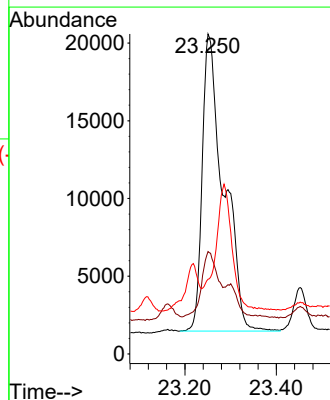
Tgt Ion:252 Resp: 61993

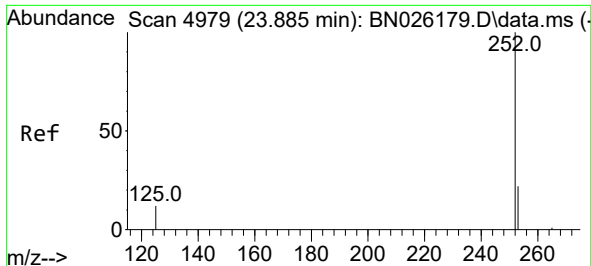
Ion Ratio Lower Upper

252 100

253 32.0 0.0 55.6

125 23.3 0.0 35.8

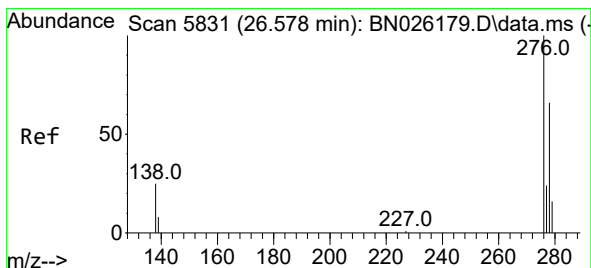
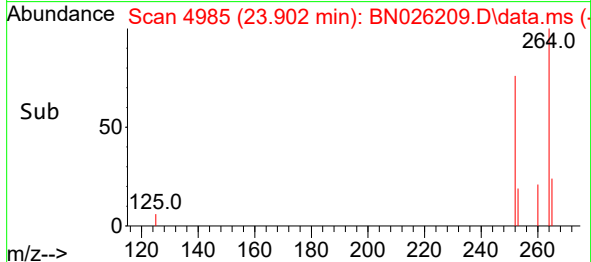
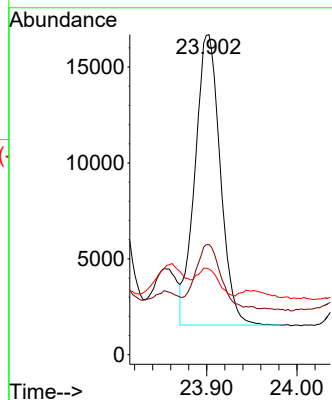
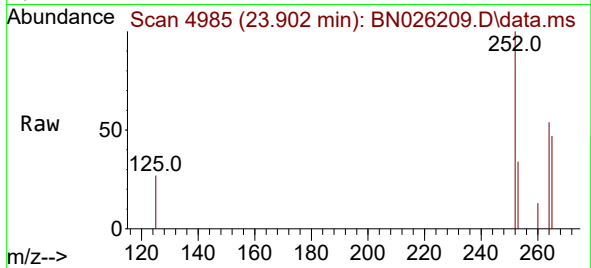




#26
Benzo(a)pyrene
Concen: 0.525 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. 0.017 min
Lab File: BN026209.D
Acq: 03 Jul 2023 03:58

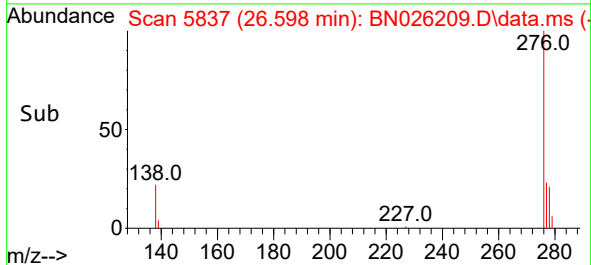
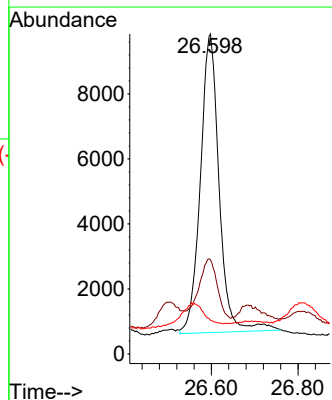
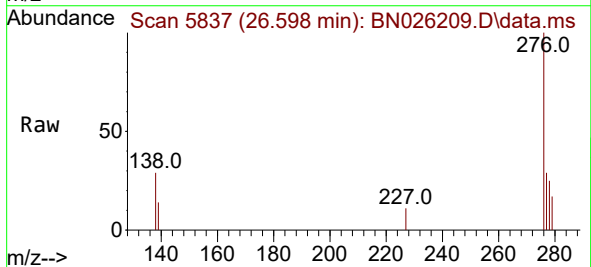
Instrument :
BNA_N
ClientSampleId :
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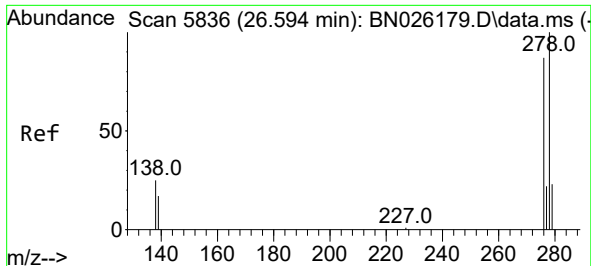
Tgt Ion:252 Resp: 29450
Ion Ratio Lower Upper
252 100
253 34.4 26.0 39.0
125 26.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.040 min
Lab File: BN026209.D
Acq: 03 Jul 2023 03:58

Tgt Ion:276 Resp: 27636
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.0 0.0

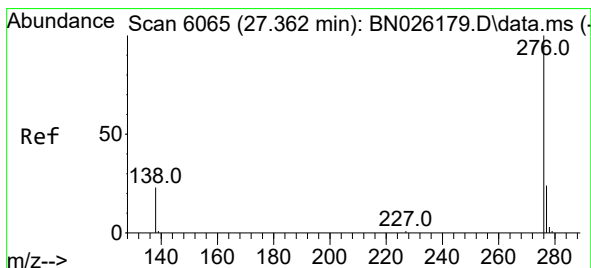
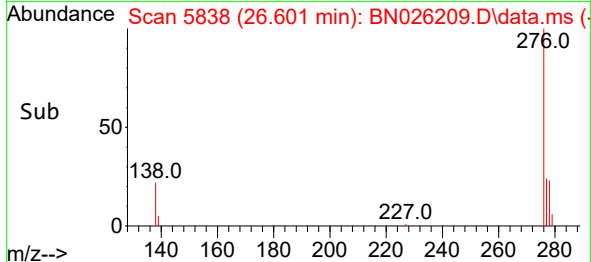
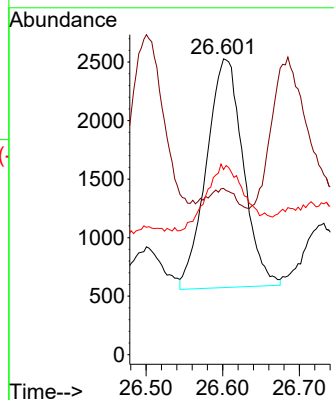
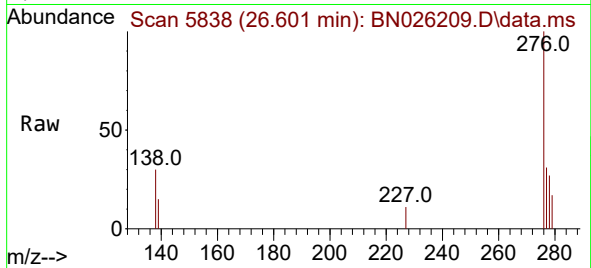




#28
 Dibenzo(a,h)anthracene
 Concen: 0.140 ng/ul
 RT: 26.601 min Scan# 5838
 Delta R.T. 0.023 min
 Lab File: BN026209.D
 Acq: 03 Jul 2023 03:58

Instrument :
 BNA_N
 ClientSampleId :
 DCGF4

Tgt Ion:278 Resp: 6518
 Ion Ratio Lower Upper
 278 100
 139 56.2 19.0 28.4#
 279 62.6 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.517 ng/ul
 RT: 27.396 min Scan# 6075
 Delta R.T. 0.050 min
 Lab File: BN026209.D
 Acq: 03 Jul 2023 03:58

Tgt Ion:276 Resp: 28190
 Ion Ratio Lower Upper
 276 100
 138 31.6 23.4 35.0
 277 29.6 20.0 30.0

