

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026203.D
 Acq On : 03 Jul 2023 00:20
 Operator : MA/JU
 Sample : 03244-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE8

Quant Time: Jul 03 06:28:29 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)

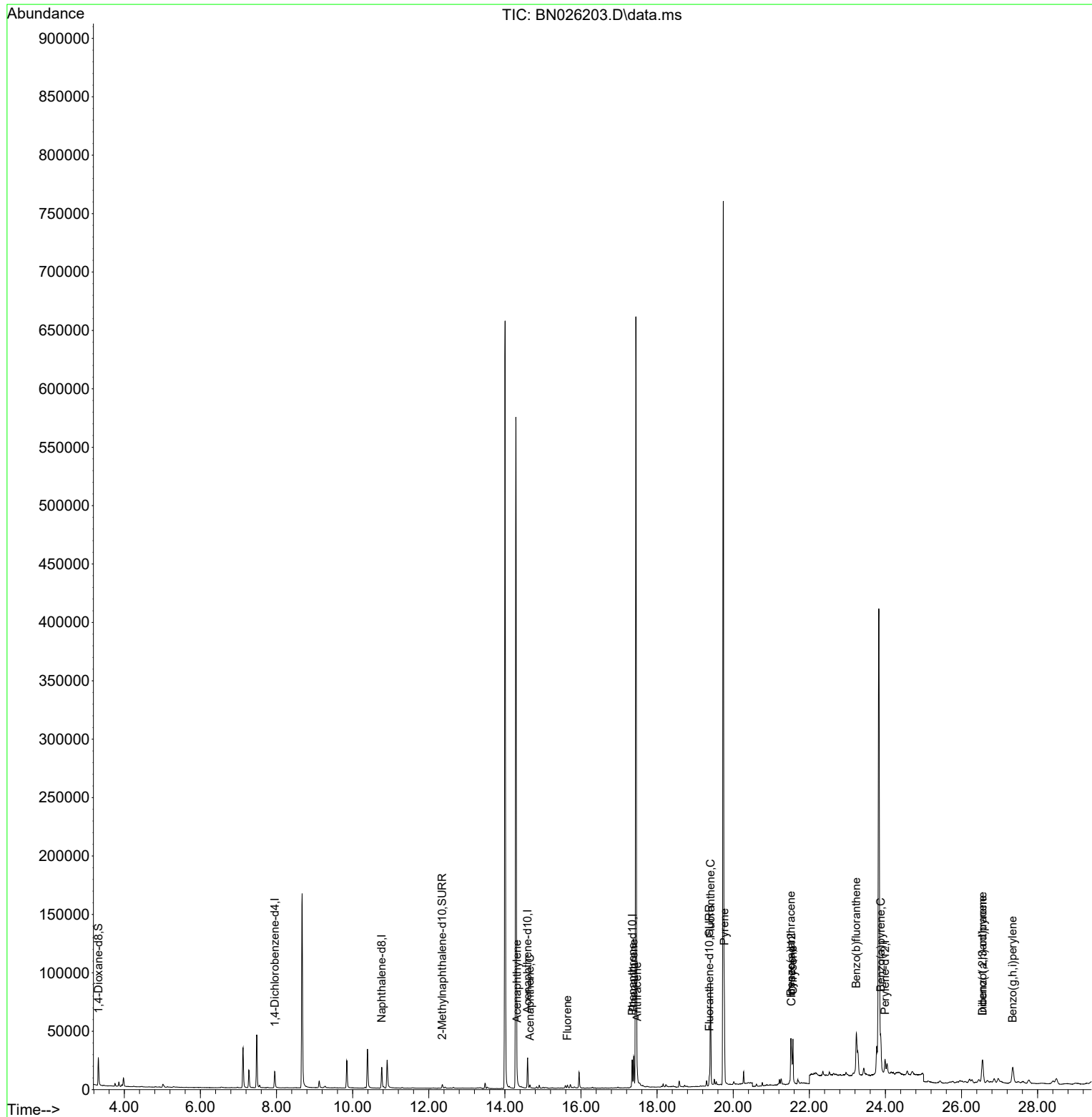
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8243	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25685	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	28712	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16143	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	17640	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	16550	1.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	4980	0.126	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	8839	0.144	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.320	152	4028	0.059	ng/ul#	88
11) Acenaphthene	14.658	153	1557	0.028	ng/ul	94
12) Fluorene	15.644	166	1819	0.028	ng/ul#	95
15) Phenanthrene	17.385	178	29823	0.314	ng/ul	99
16) Anthracene	17.478	178	5142	0.061	ng/ul#	89
19) Fluoranthene	19.405	202	80930	0.939	ng/ul	98
20) Pyrene	19.768	202	65853	0.734	ng/ul	97
21) Benzo(a)anthracene	21.514	228	34882	0.524	ng/ul	92
22) Chrysene	21.570	228	40281	0.581	ng/ul#	92
24) Benzo(b)fluoranthene	23.236	252	87492	1.162	ng/ul	99
26) Benzo(a)pyrene	23.876	252	42144	0.644	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.551	276	34911	0.489	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.554	278	8693	0.161	ng/ul#	65
29) Benzo(g,h,i)perylene	27.342	276	34478	0.543	ng/ul	97

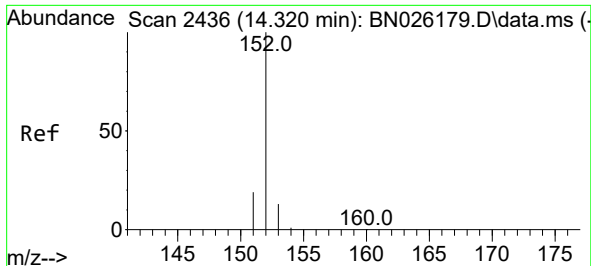
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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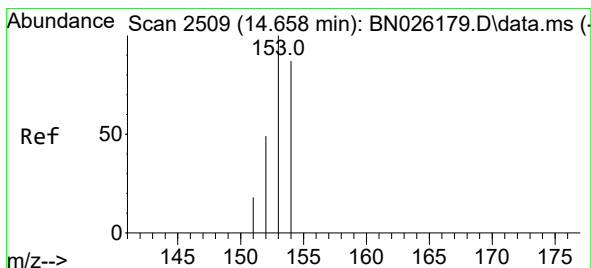
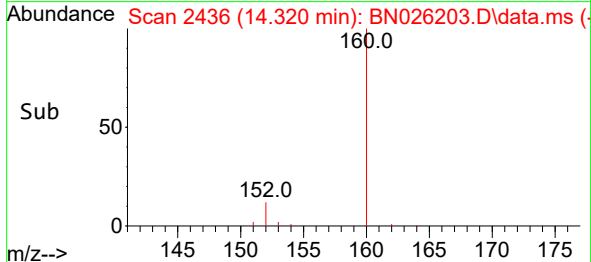
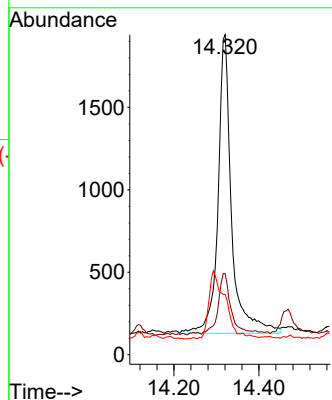
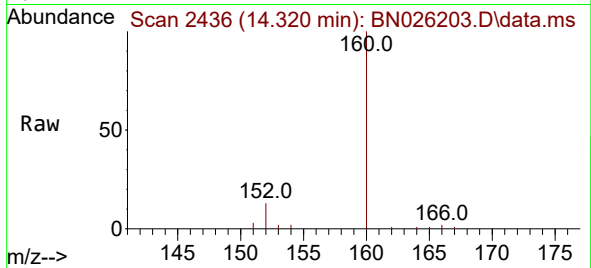




#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

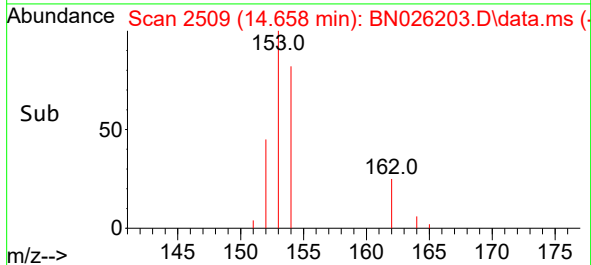
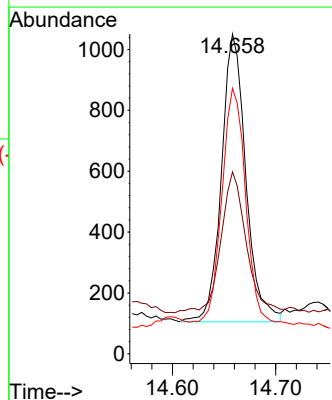
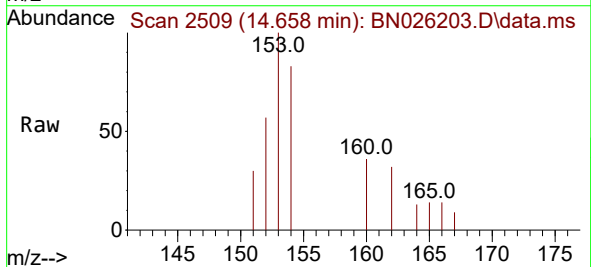
Instrument :
BNA_N
ClientSampleId :
DCGE8

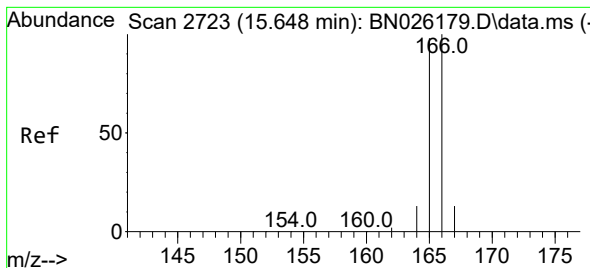
Tgt Ion:152 Resp: 4028
Ion Ratio Lower Upper
152 100
151 25.3 16.2 24.4#
153 18.8 10.9 16.3#



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

Tgt Ion:153 Resp: 1557
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 83.1 68.9 103.3





#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.644 min Scan# 21

Delta R.T. -0.010 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

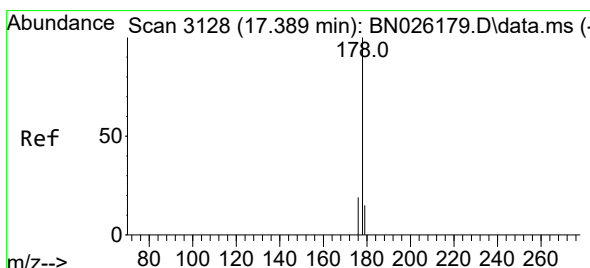
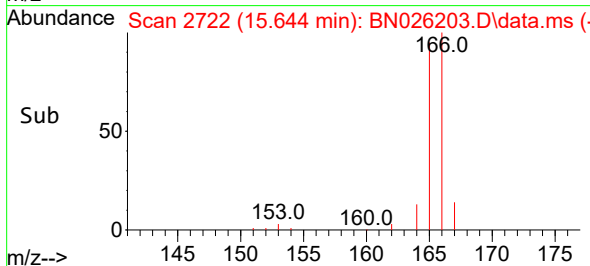
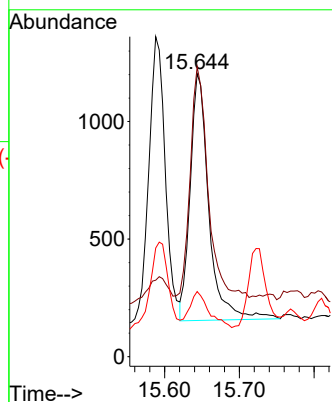
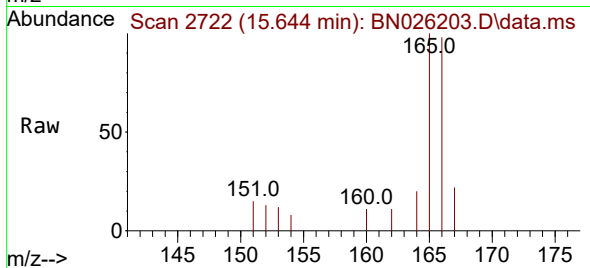
Tgt Ion:166 Resp: 1819

Ion Ratio Lower Upper

166 100

165 102.4 79.9 119.9

167 23.0 10.8 16.2#



#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.385 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

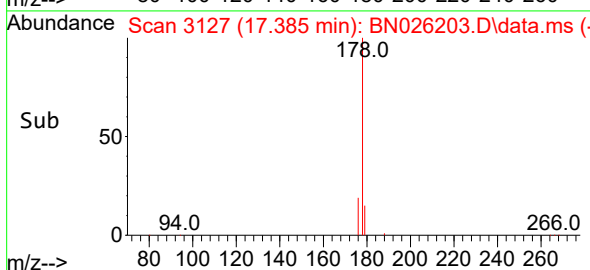
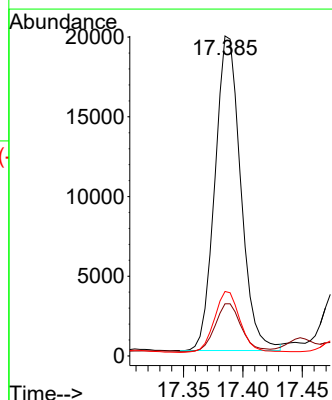
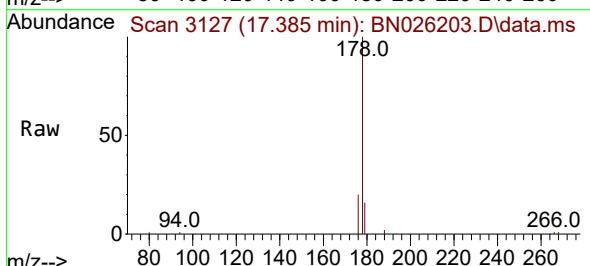
Tgt Ion:178 Resp: 29823

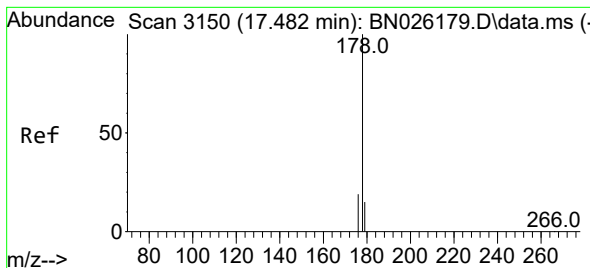
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 20.1 15.8 23.6





#16

Anthracene

Concen: 0.061 ng/ul

RT: 17.478 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

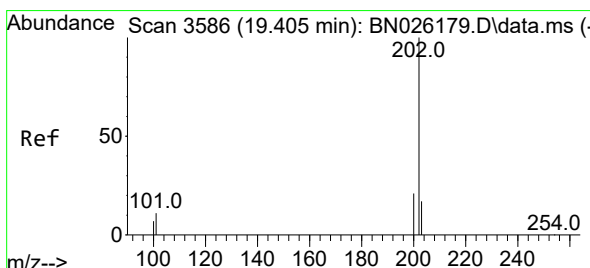
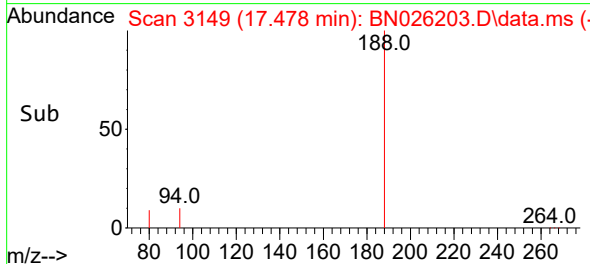
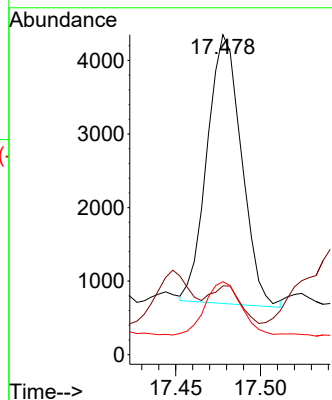
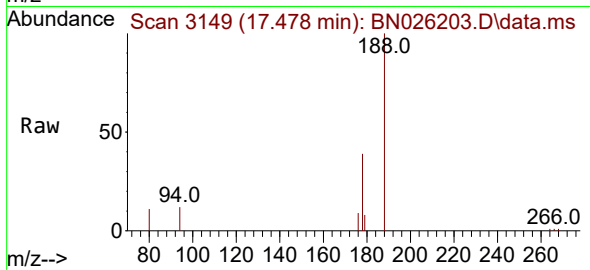
Tgt Ion:178 Resp: 5142

Ion Ratio Lower Upper

178 100

179 21.5 12.6 18.8#

176 22.8 15.1 22.7#



#19

Fluoranthene

Concen: 0.939 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.005 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

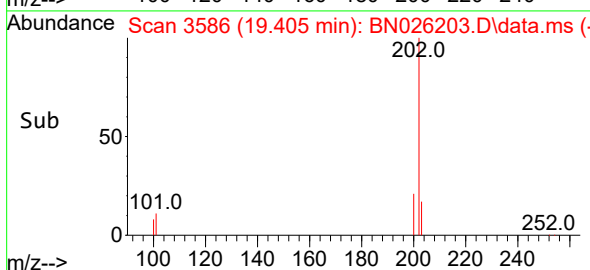
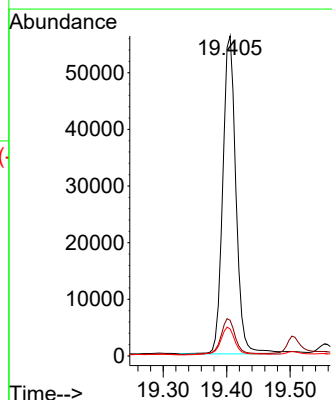
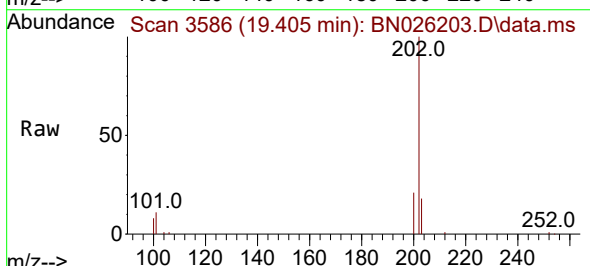
Tgt Ion:202 Resp: 80930

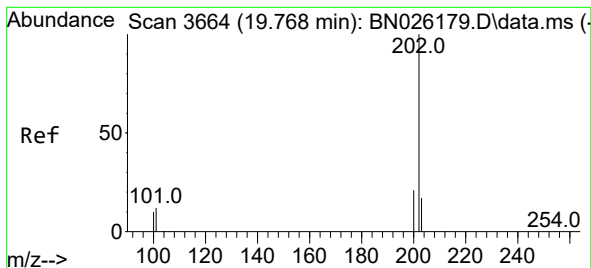
Ion Ratio Lower Upper

202 100

101 11.2 9.5 14.3

100 8.5 7.3 10.9





#20

Pyrene

Concen: 0.734 ng/ul

RT: 19.768 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

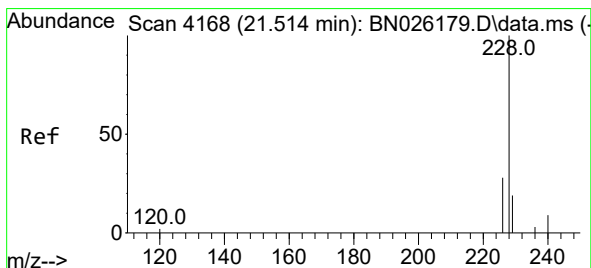
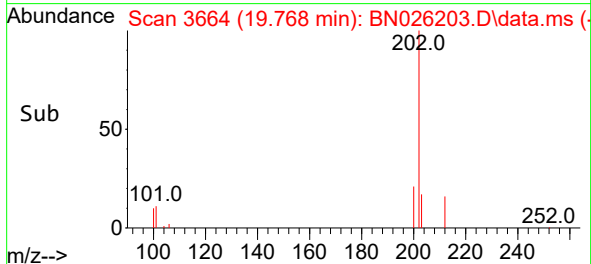
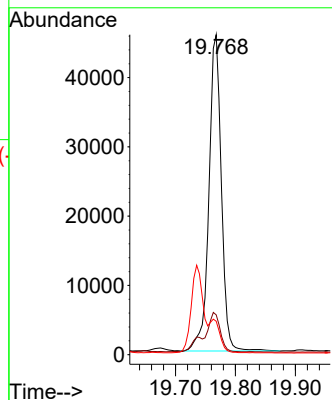
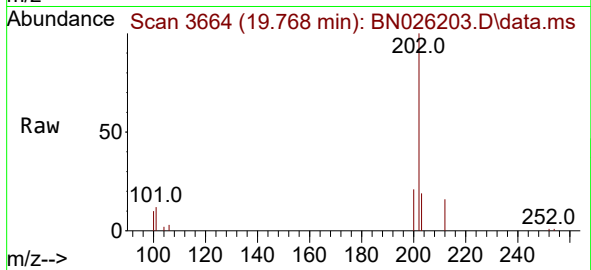
Tgt Ion:202 Resp: 65853

Ion Ratio Lower Upper

202 100

101 12.5 11.4 17.0

100 10.4 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.524 ng/ul

RT: 21.514 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

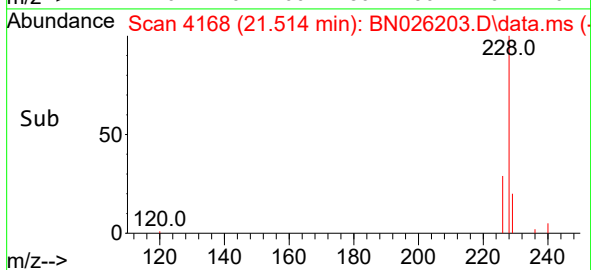
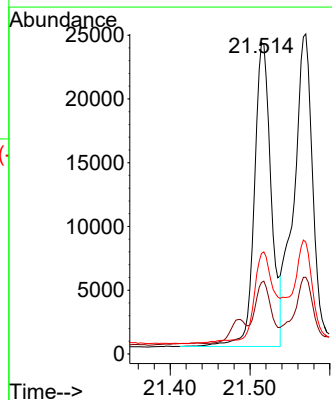
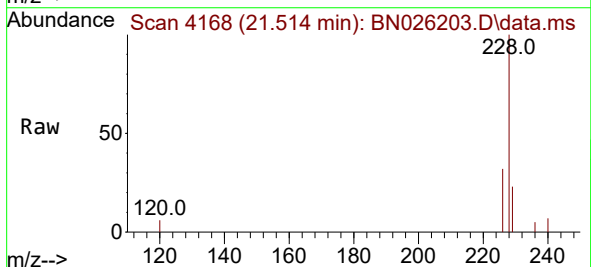
Tgt Ion:228 Resp: 34882

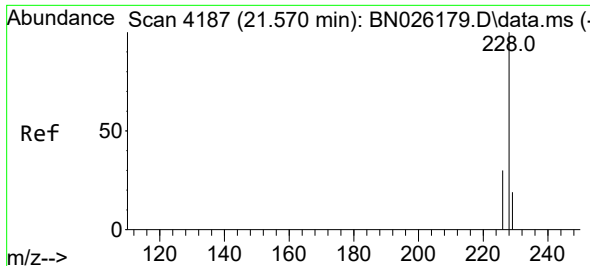
Ion Ratio Lower Upper

228 100

229 23.0 15.8 23.6

226 32.3 22.5 33.7





#22

Chrysene

Concen: 0.581 ng/ul

RT: 21.570 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

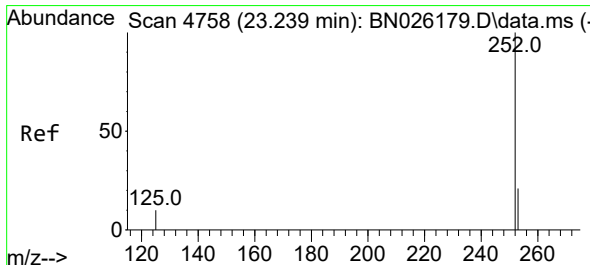
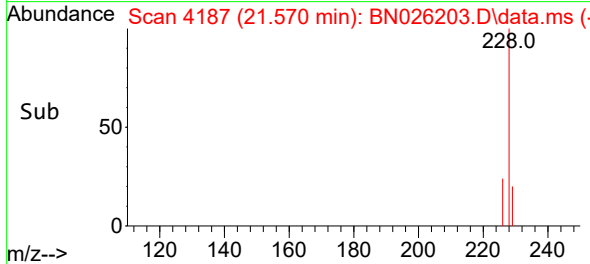
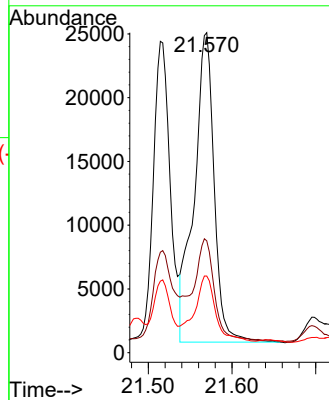
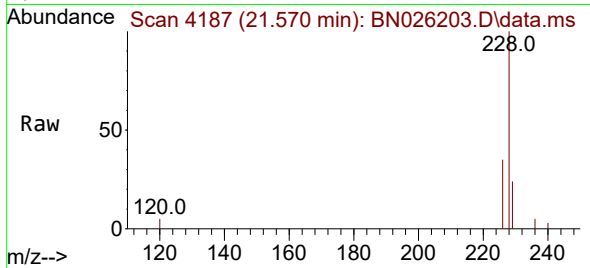
Tgt Ion:228 Resp: 40281

Ion Ratio Lower Upper

228 100

226 35.0 24.8 37.2

229 23.9 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 1.162 ng/ul

RT: 23.236 min Scan# 4757

Delta R.T. -0.006 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

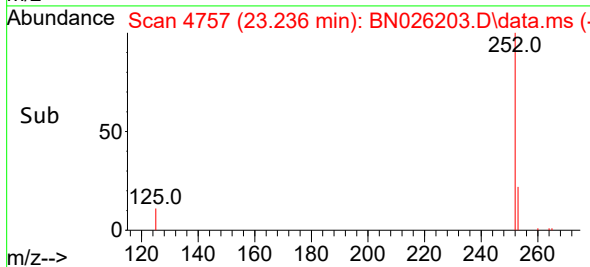
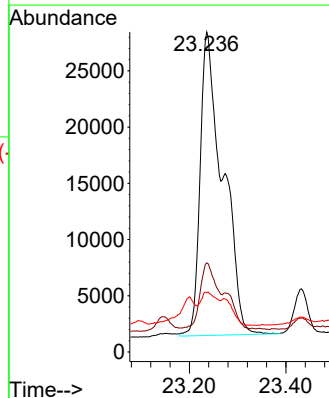
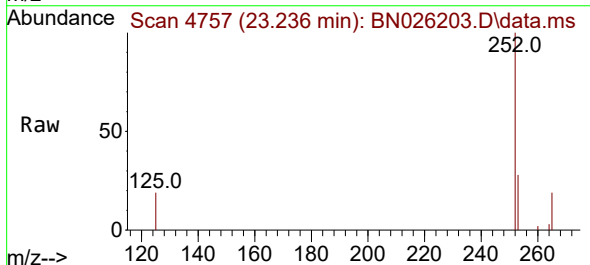
Tgt Ion:252 Resp: 87492

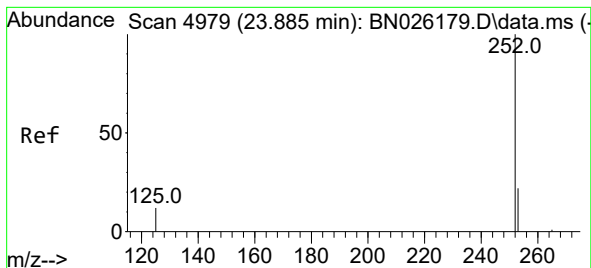
Ion Ratio Lower Upper

252 100

253 27.9 0.0 55.6

125 18.5 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.644 ng/ul

RT: 23.876 min Scan# 4976

Delta R.T. -0.009 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

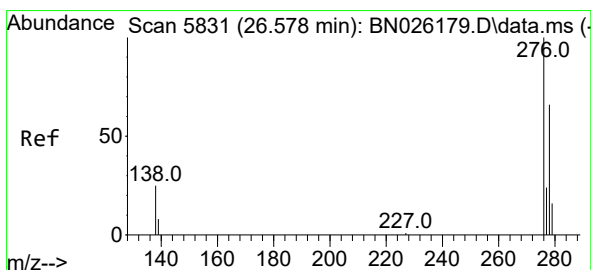
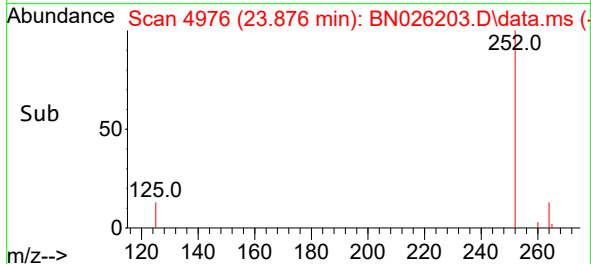
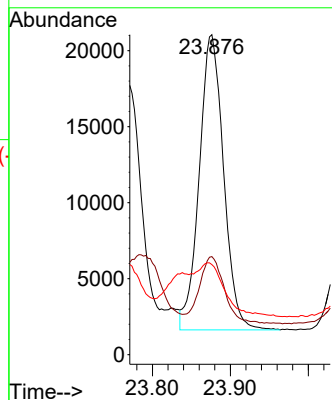
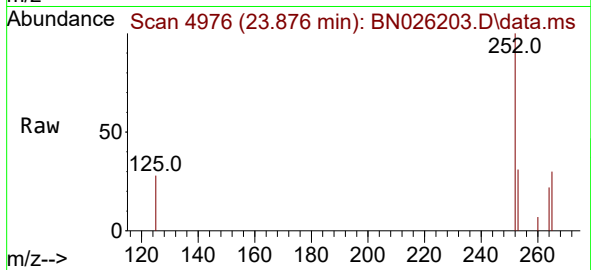
Tgt Ion:252 Resp: 42144

Ion Ratio Lower Upper

252 100

253 30.6 26.0 39.0

125 28.1 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.489 ng/ul

RT: 26.551 min Scan# 5823

Delta R.T. -0.007 min

Lab File: BN026203.D

Acq: 03 Jul 2023 00:20

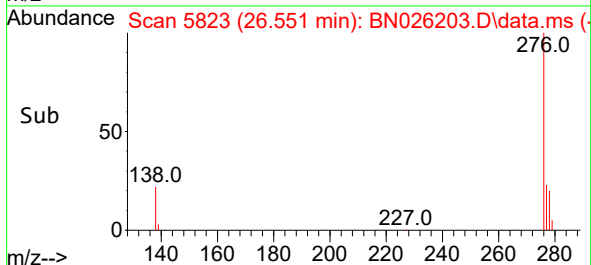
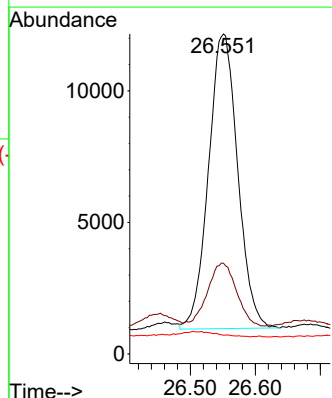
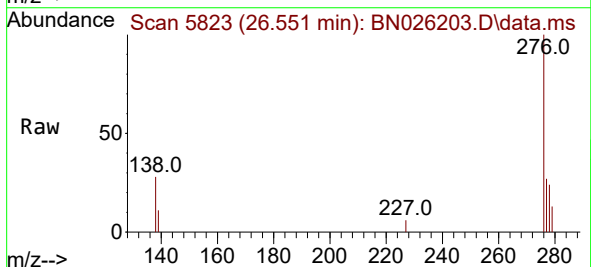
Tgt Ion:276 Resp: 34911

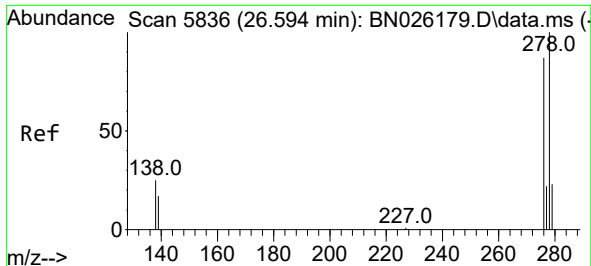
Ion Ratio Lower Upper

276 100

138 22.0 24.5 36.7#

227 0.0 0.0 0.0

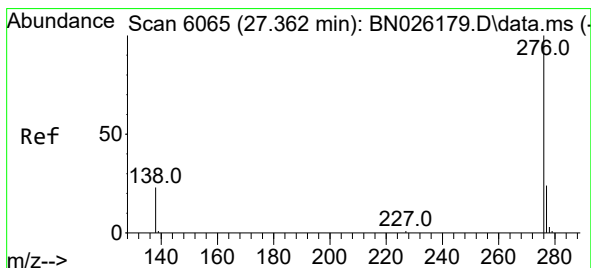
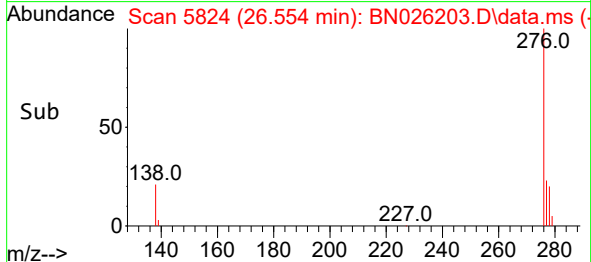
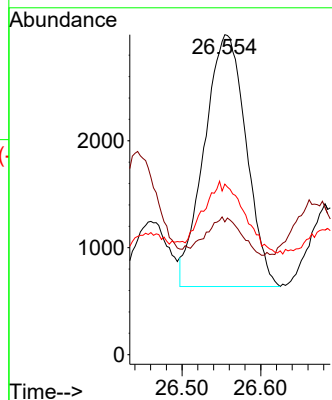
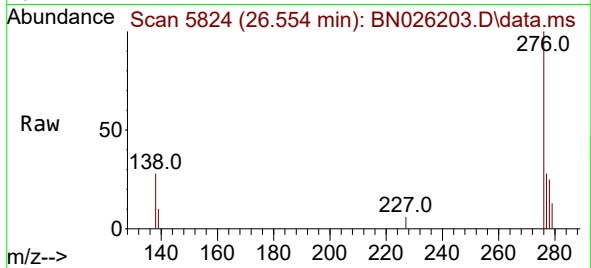




#28
 Dibenzo(a,h)anthracene
 Concen: 0.161 ng/ul
 RT: 26.554 min Scan# 5824
 Delta R.T. -0.024 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

Instrument :
 BNA_N
 ClientSampleId :
 DCGE8

Tgt Ion:278 Resp: 8693
 Ion Ratio Lower Upper
 278 100
 139 41.5 19.0 28.4#
 279 53.3 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.543 ng/ul
 RT: 27.342 min Scan# 6059
 Delta R.T. -0.004 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

Tgt Ion:276 Resp: 34478
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.4 35.0
 277 28.2 20.0 30.0

