

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026023.D
 Acq On : 26 Jun 2023 12:43
 Operator : MA/JU
 Sample : 03085-17RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ3RE

Quant Time: Jun 27 01:38:03 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

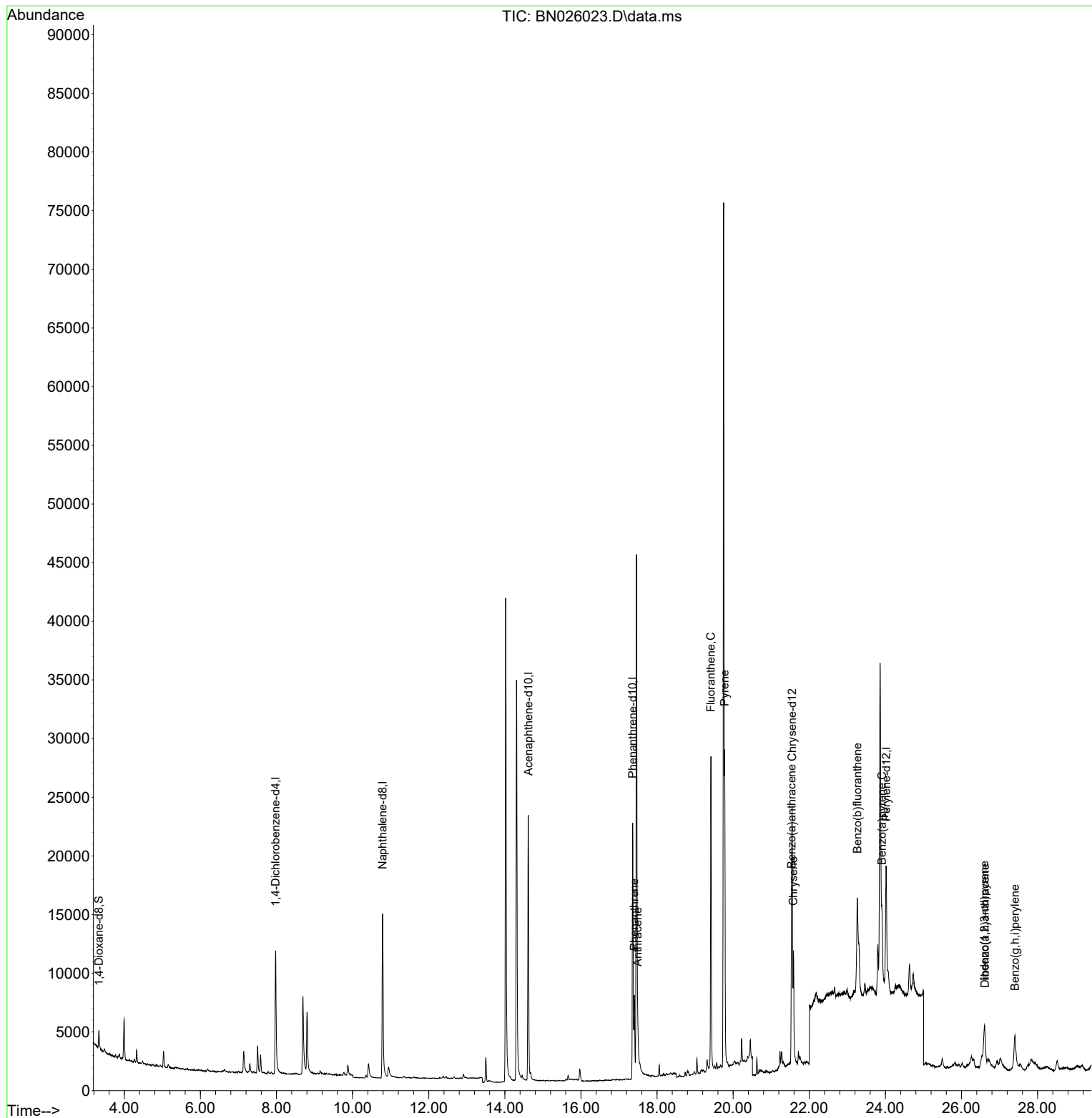
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6977	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	22657	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.617	164	13903	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	29167	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	18394	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	15347	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1142	0.145	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	337	0.010	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	896	0.013	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.403	178	7769	0.081	ng/ul	96
16) Anthracene	17.491	178	1735	0.020	ng/ul#	71
19) Fluoranthene	19.415	202	24581	0.250	ng/ul	100
20) Pyrene	19.778	202	21282	0.208	ng/ul	98
21) Benzo(a)anthracene	21.533	228	9294	0.122	ng/ul#	91
22) Chrysene	21.582	228	10287	0.130	ng/ul#	90
24) Benzo(b)fluoranthene	23.263	252	19783	0.302	ng/ul	75
26) Benzo(a)pyrene	23.909	252	8211	0.144	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.605	276	7427	0.120	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.619	278	1859	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	27.404	276	6391	0.116	ng/ul#	82

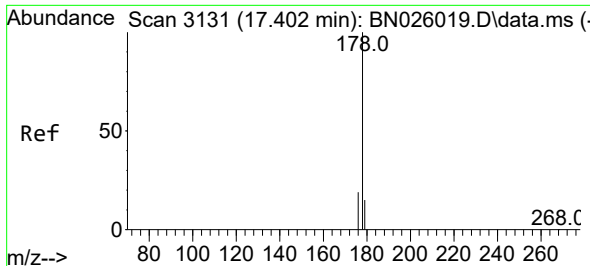
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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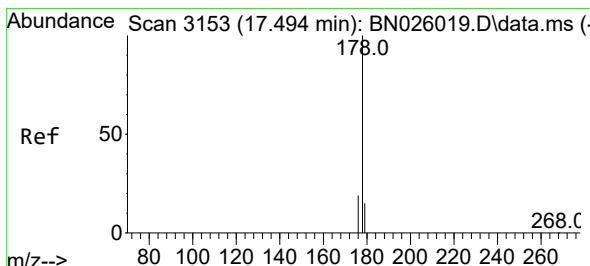
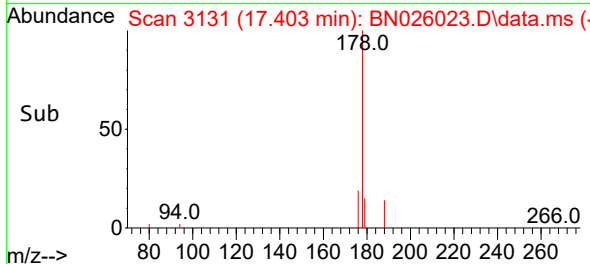
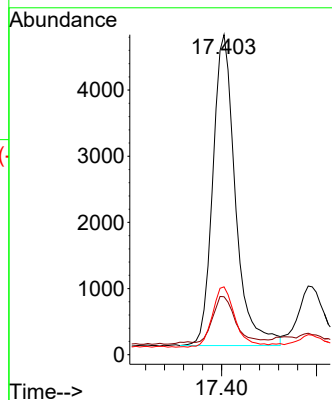
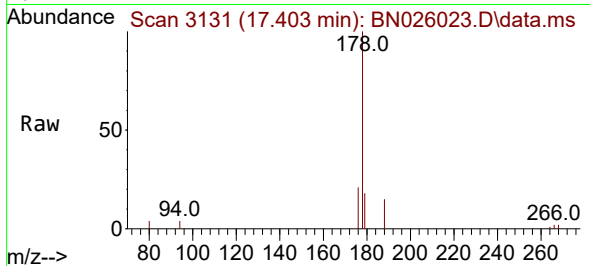




#15
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

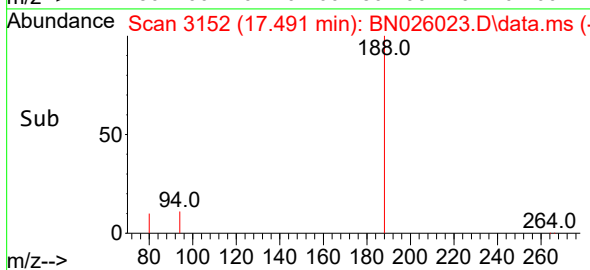
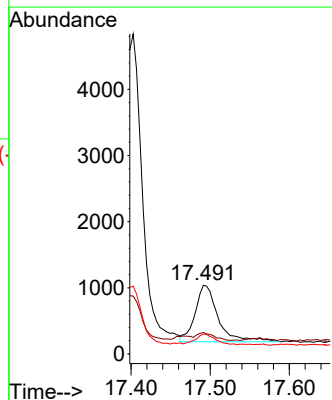
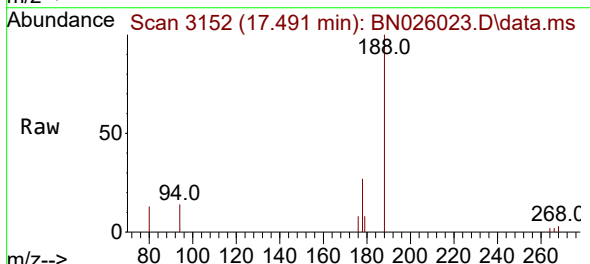
Instrument :
BNA_N
ClientSampleId :
DCFQ3RE

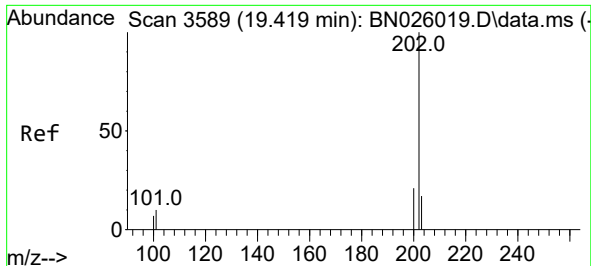
Tgt Ion:178 Resp: 7769
Ion Ratio Lower Upper
178 100
179 18.1 12.6 19.0
176 21.2 15.8 23.6



#16
Anthracene
Concen: 0.020 ng/ul
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

Tgt Ion:178 Resp: 1735
Ion Ratio Lower Upper
178 100
179 31.3 12.6 18.8#
176 29.1 15.1 22.7#

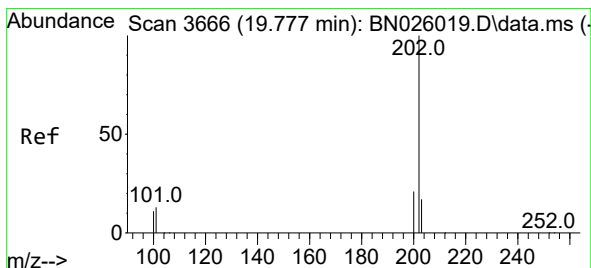
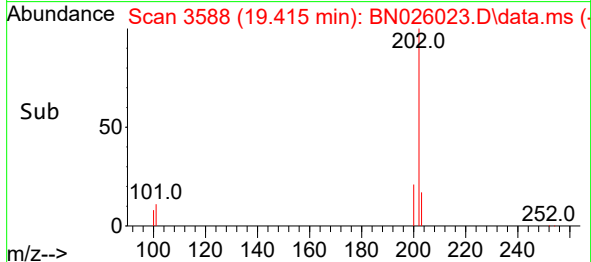
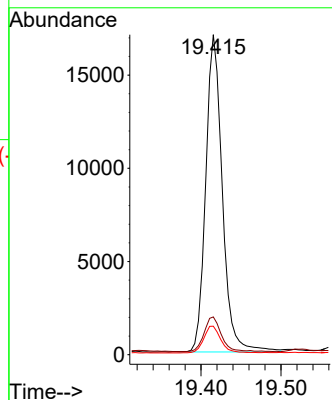
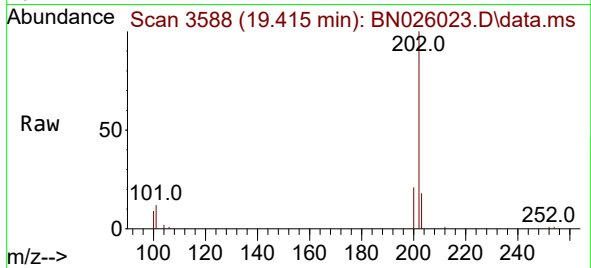




#19
Fluoranthene
Concen: 0.250 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

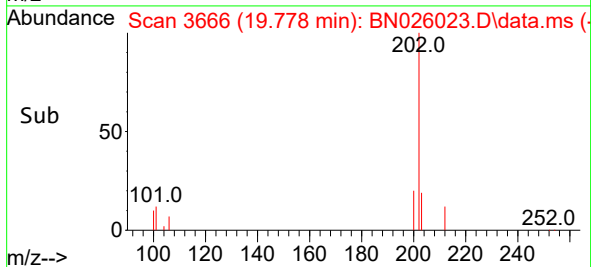
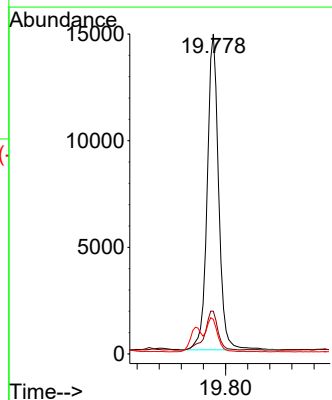
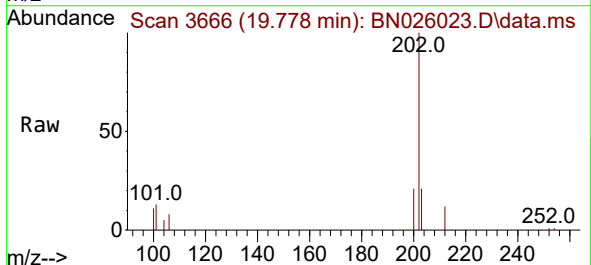
Instrument :
BNA_N
ClientSampleId :
DCFQ3RE

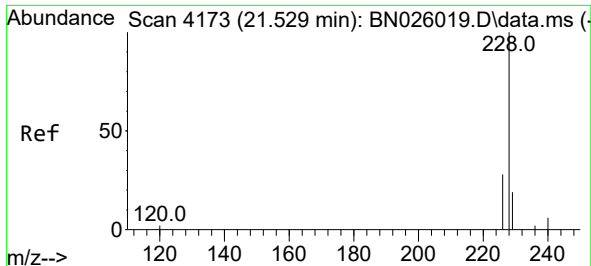
Tgt Ion:202 Resp: 24581
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.208 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

Tgt Ion:202 Resp: 21282
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.8 9.1 13.7

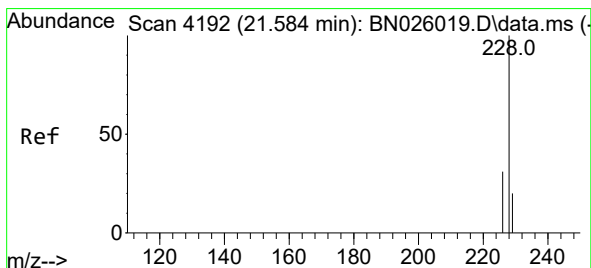
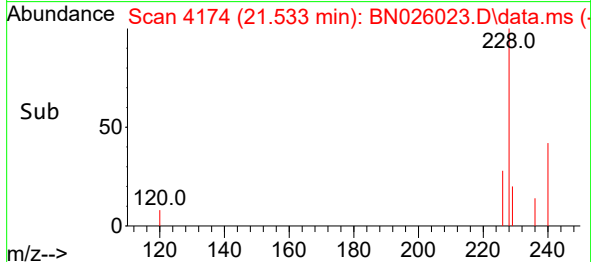
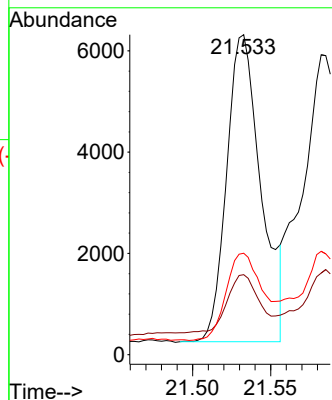
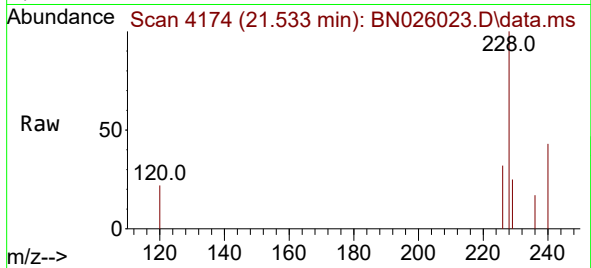




#21
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.533 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

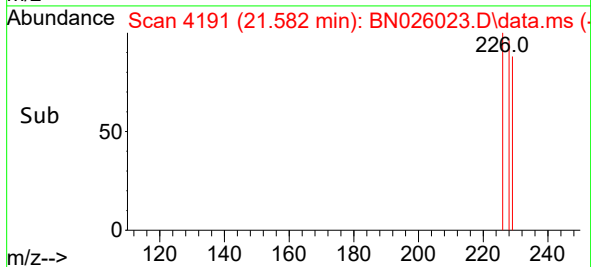
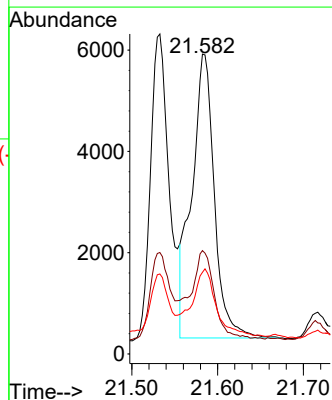
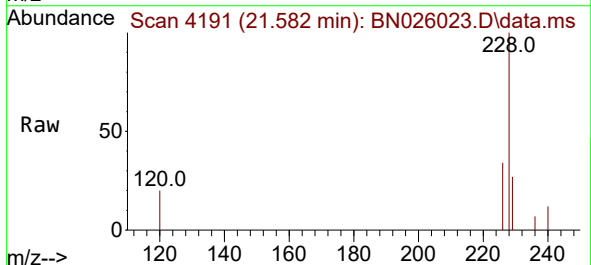
Instrument :
BNA_N
ClientSampleId :
DCFQ3RE

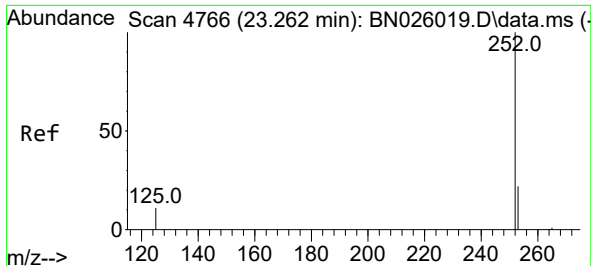
Tgt Ion:228 Resp: 9294
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.6#
226 31.7 22.5 33.7



#22
Chrysene
Concen: 0.130 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

Tgt Ion:228 Resp: 10287
Ion Ratio Lower Upper
228 100
226 34.4 24.8 37.2
229 27.2 15.7 23.5#

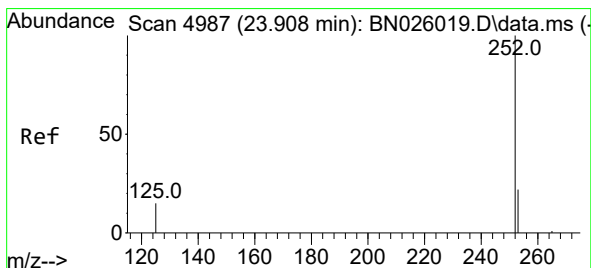
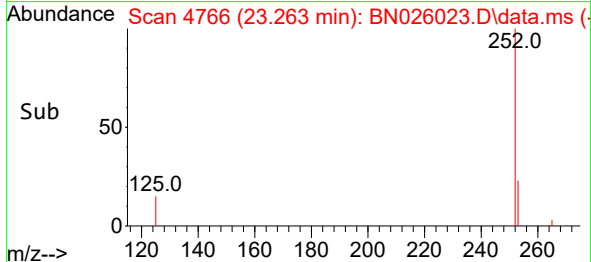
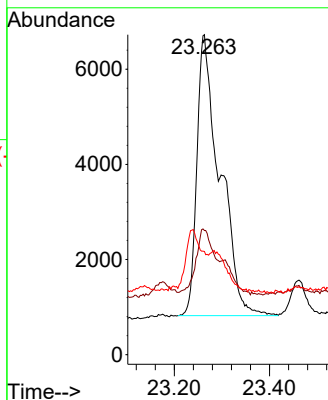
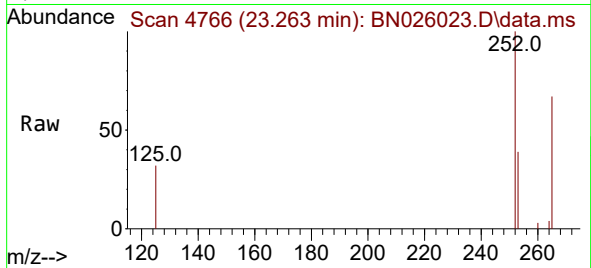




#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.263 min Scan# 4766
Delta R.T. 0.007 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

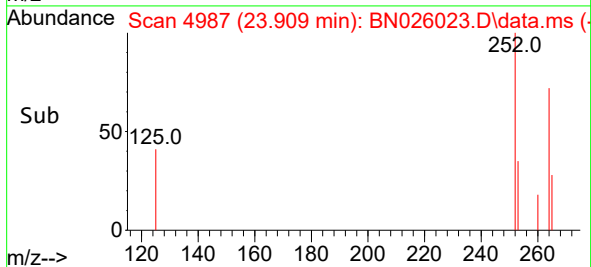
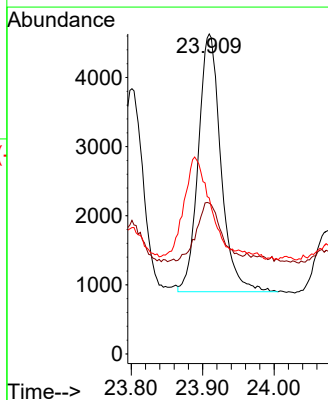
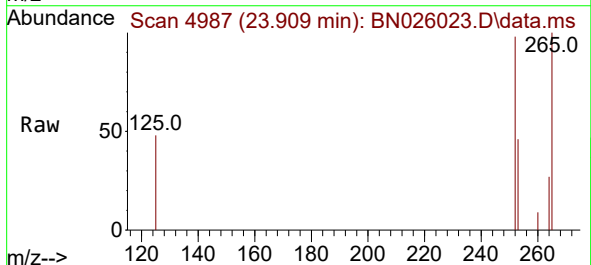
Instrument :
BNA_N
ClientSampleId :
DCFQ3RE

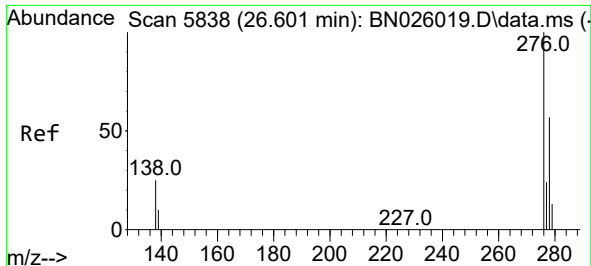
Tgt Ion:252 Resp: 19783
Ion Ratio Lower Upper
252 100
253 38.8 0.0 55.6
125 32.2 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.909 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BN026023.D
Acq: 26 Jun 2023 12:43

Tgt Ion:252 Resp: 8211
Ion Ratio Lower Upper
252 100
253 47.1 26.0 39.0#
125 48.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.120 ng/ul

RT: 26.605 min Scan# 5839

Delta R.T. 0.011 min

Lab File: BN026023.D

Acq: 26 Jun 2023 12:43

Instrument :

BNA_N

ClientSampleId :

DCFQ3RE

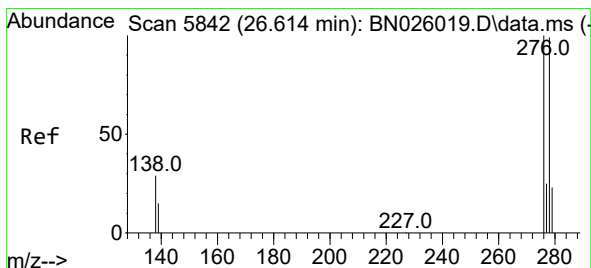
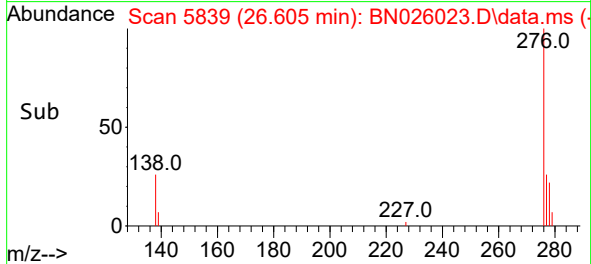
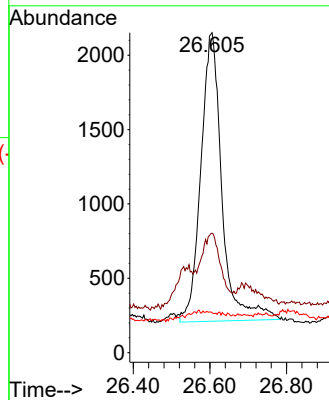
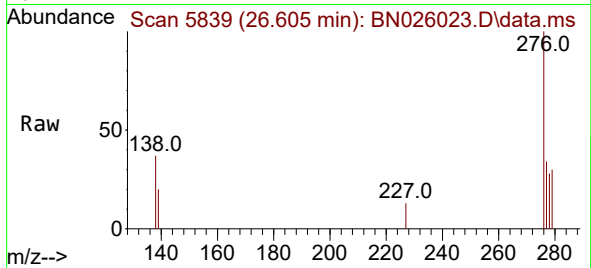
Tgt Ion:276 Resp: 7427

Ion Ratio Lower Upper

276 100

138 23.8 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 26.619 min Scan# 5843

Delta R.T. -0.003 min

Lab File: BN026023.D

Acq: 26 Jun 2023 12:43

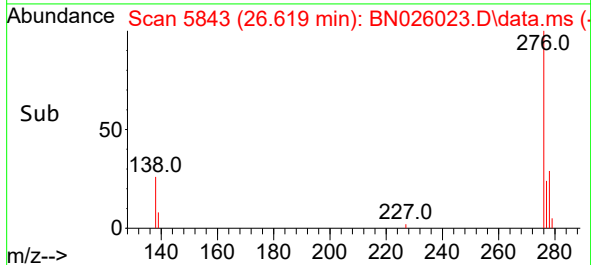
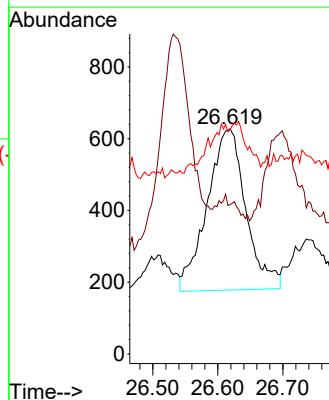
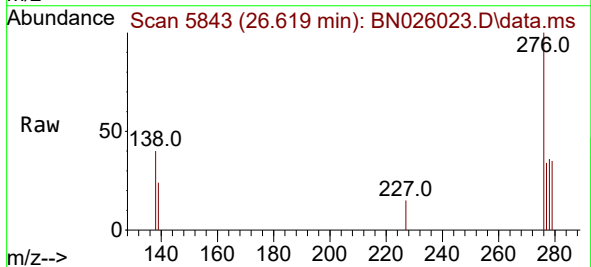
Tgt Ion:278 Resp: 1859

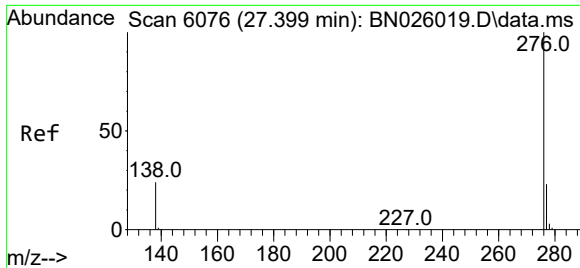
Ion Ratio Lower Upper

278 100

139 66.2 19.0 28.4#

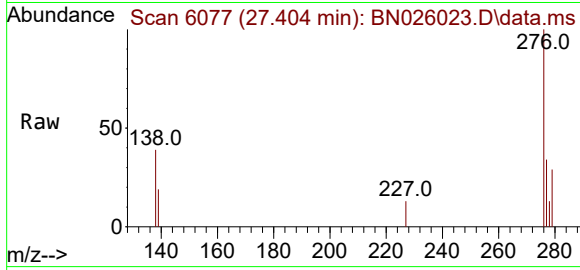
279 99.5 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.116 ng/ul
 RT: 27.404 min Scan# 6077
 Delta R.T. 0.018 min
 Lab File: BN026023.D
 Acq: 26 Jun 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 6391
 Ion Ratio Lower Upper
 276 100
 138 38.9 23.4 35.0#
 277 34.0 20.0 30.0#

