

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026086.D
 Acq On : 29 Jun 2023 09:37
 Operator : MA/JU
 Sample : 03142-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT2DL

Quant Time: Jun 30 00:42:34 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

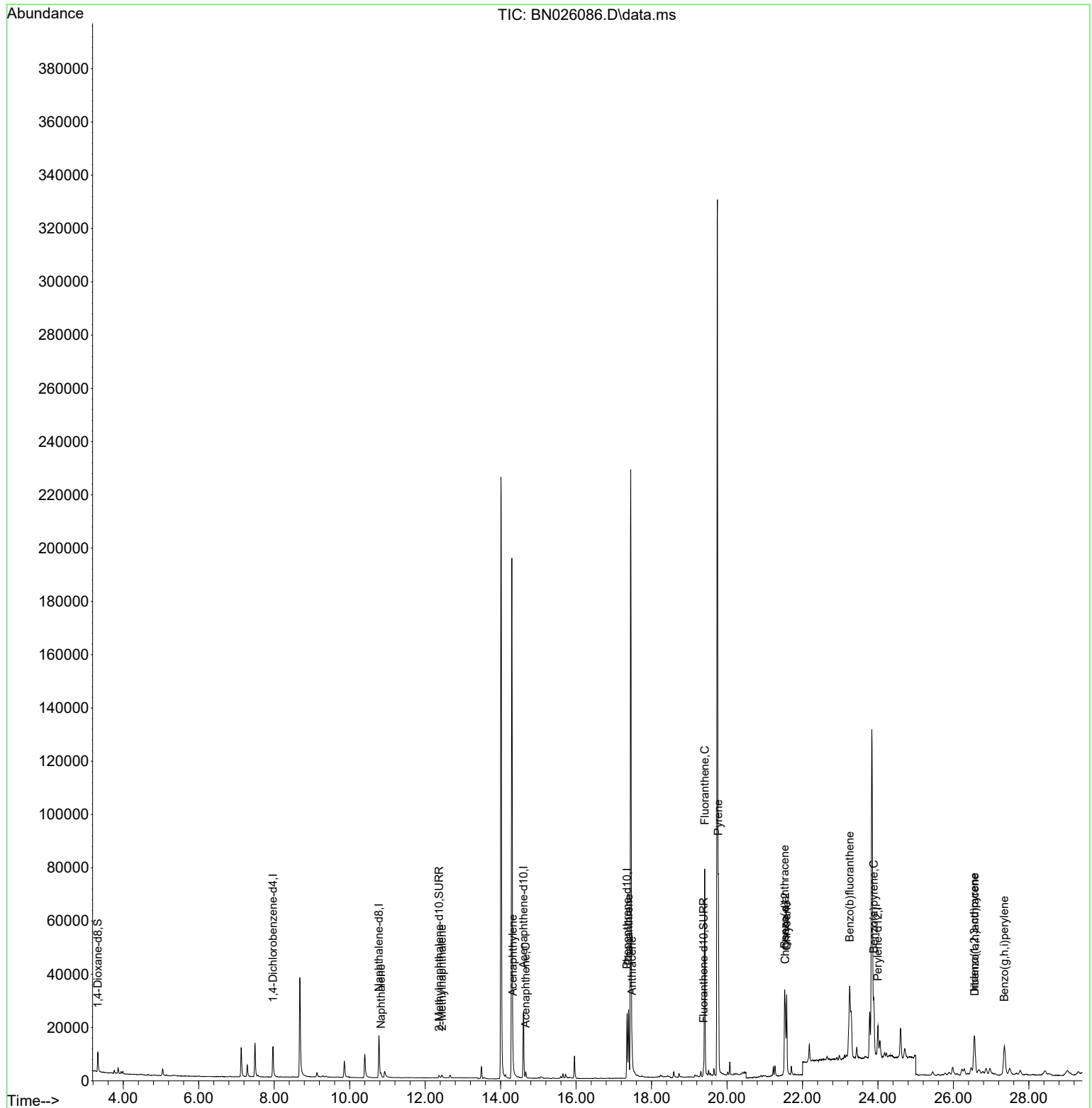
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	24721	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14682	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	30273	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17636	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	16330	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	5394	0.648	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1647	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	3614	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2198	0.031	ng/ul#	84
7) 2-Methylnaphthalene	12.447	142	1046	0.023	ng/ul	98
10) Acenaphthylene	14.325	152	1505	0.022	ng/ul#	81
11) Acenaphthene	14.667	153	1442	0.026	ng/ul	97
15) Phenanthrene	17.393	178	28944	0.289	ng/ul	100
16) Anthracene	17.482	178	5392	0.061	ng/ul#	90
19) Fluoranthene	19.410	202	69333	0.736	ng/ul	99
20) Pyrene	19.772	202	58801	0.600	ng/ul	97
21) Benzo(a)anthracene	21.526	228	27851	0.383	ng/ul	97
22) Chrysene	21.581	228	33344	0.440	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	68510	0.983	ng/ul	98
26) Benzo(a)pyrene	23.888	252	30930	0.511	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.554	276	27910	0.422	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.567	278	6343	0.127	ng/ul#	72
29) Benzo(g,h,i)perylene	27.349	276	27731	0.471	ng/ul	98

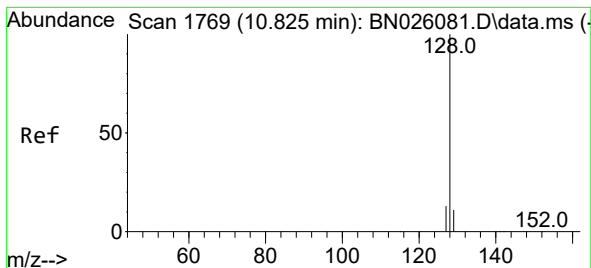
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.831 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BN026086.D

Acq: 29 Jun 2023 09:37

Instrument :

BNA_N

ClientSampleId :

DCFT2DL

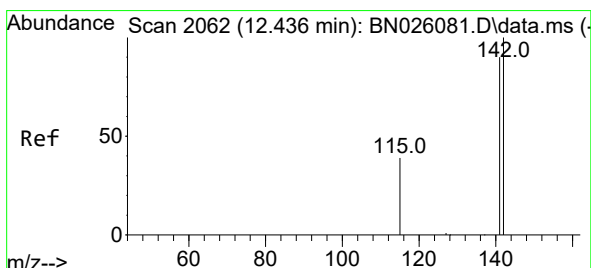
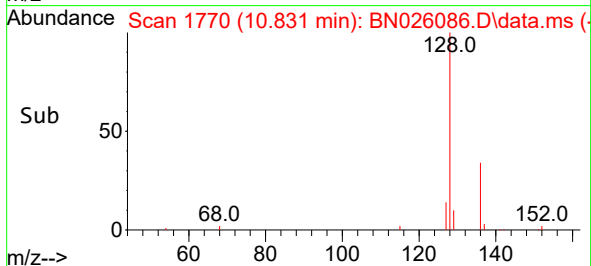
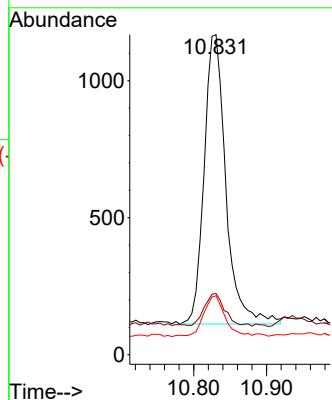
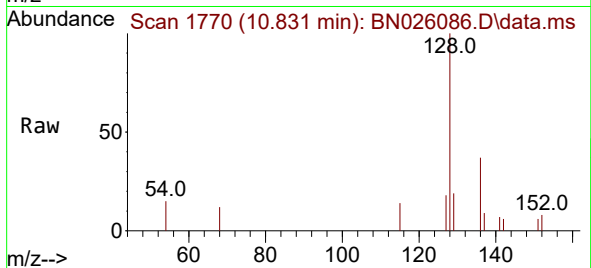
Tgt Ion:128 Resp: 2198

Ion Ratio Lower Upper

128 100

129 19.1 9.1 13.7#

127 18.4 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.447 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BN026086.D

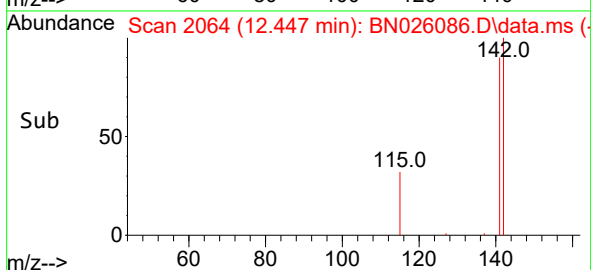
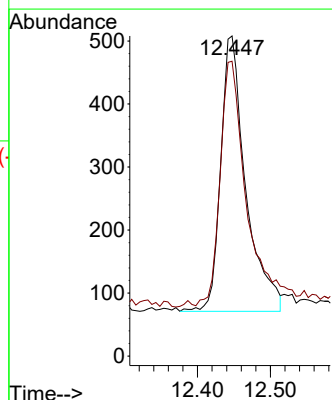
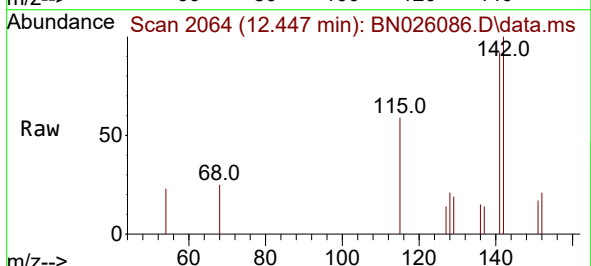
Acq: 29 Jun 2023 09:37

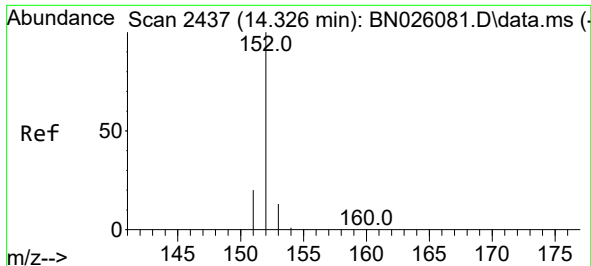
Tgt Ion:142 Resp: 1046

Ion Ratio Lower Upper

142 100

141 91.8 71.9 107.9

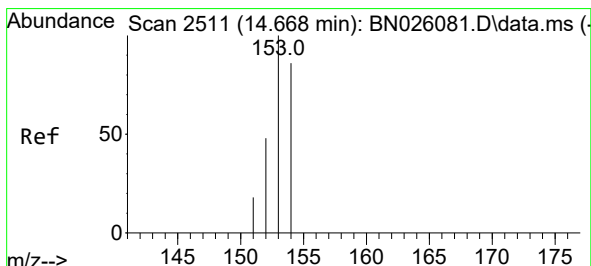
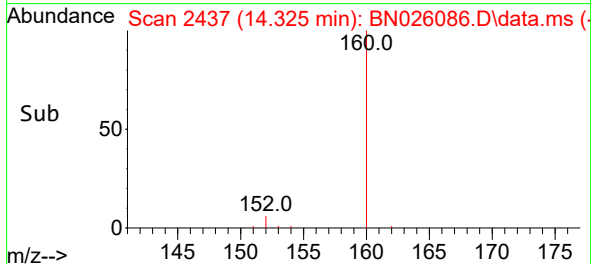
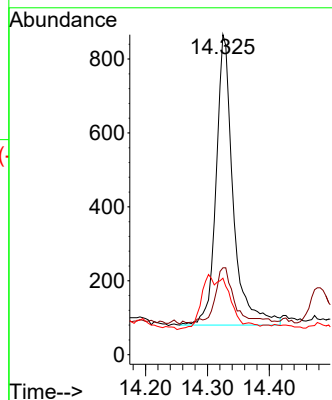
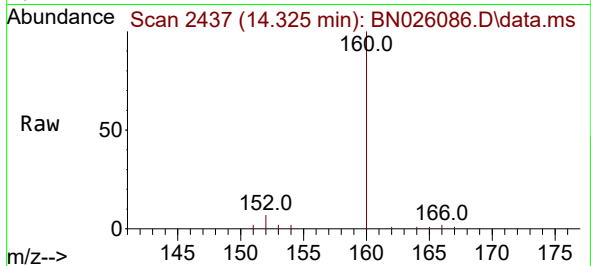




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

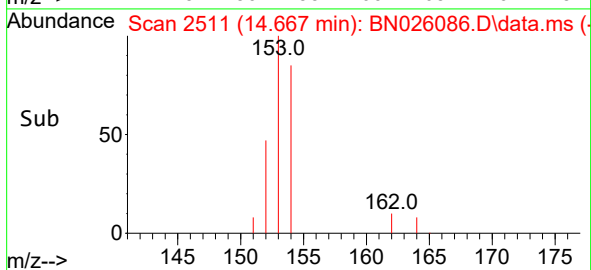
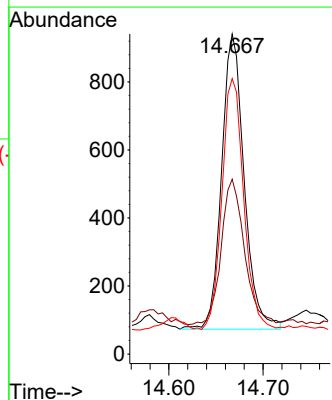
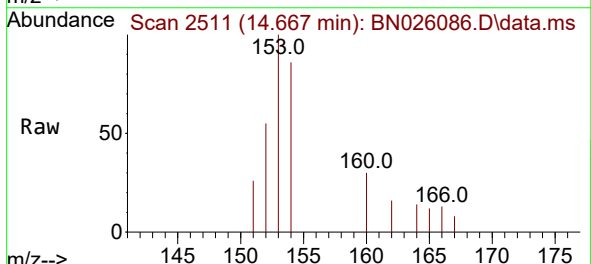
Instrument :
BNA_N
ClientSampleId :
DCFT2DL

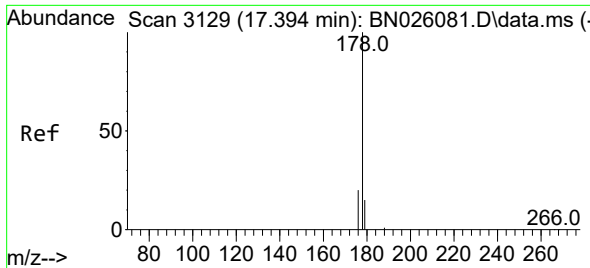
Tgt Ion:152 Resp: 1505
Ion Ratio Lower Upper
152 100
151 27.1 16.2 24.4#
153 23.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

Tgt Ion:153 Resp: 1442
Ion Ratio Lower Upper
153 100
152 54.6 39.4 59.0
154 86.1 68.9 103.3

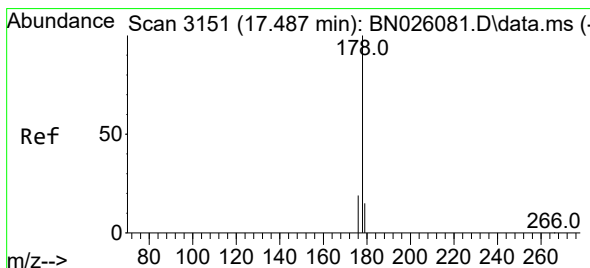
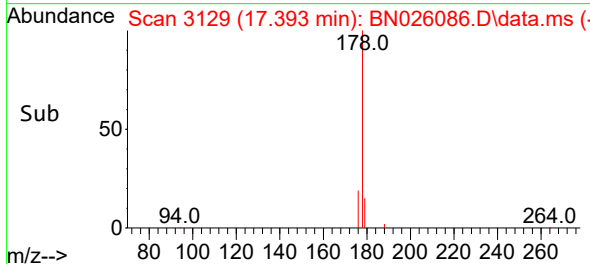
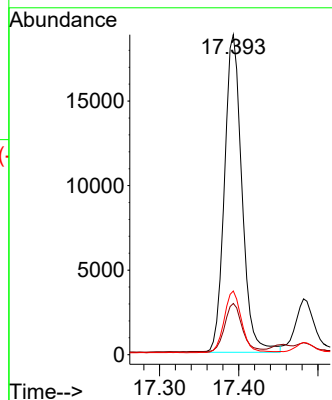
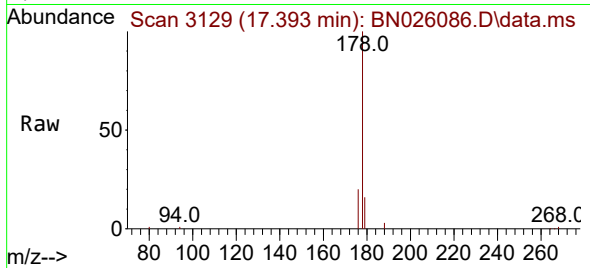




#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

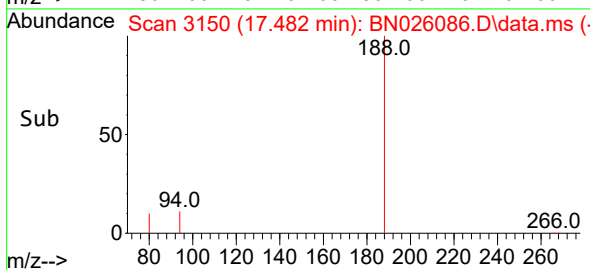
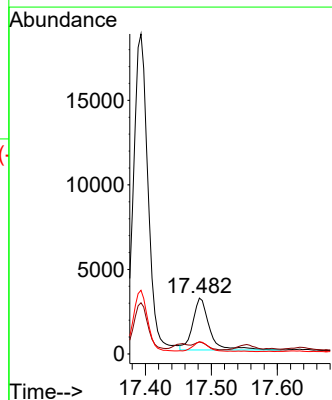
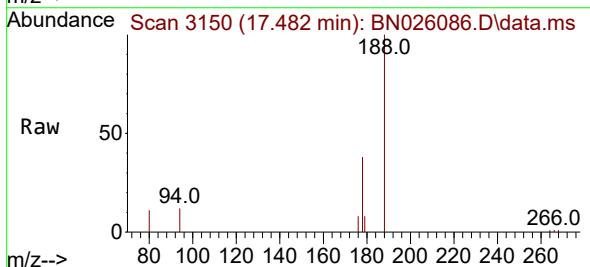
Instrument :
BNA_N
ClientSampleId :
DCFT2DL

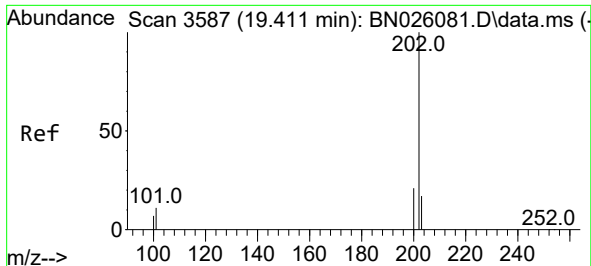
Tgt Ion:178 Resp: 28944
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

Tgt Ion:178 Resp: 5392
Ion Ratio Lower Upper
178 100
179 21.6 12.6 18.8#
176 21.7 15.1 22.7

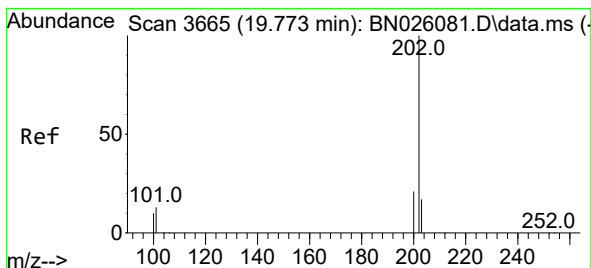
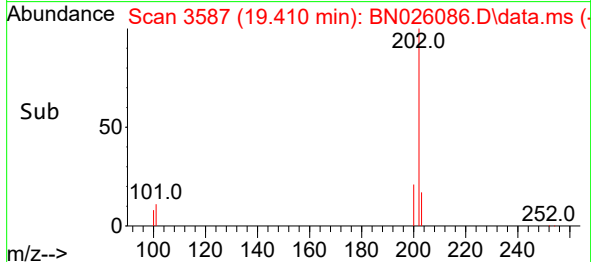
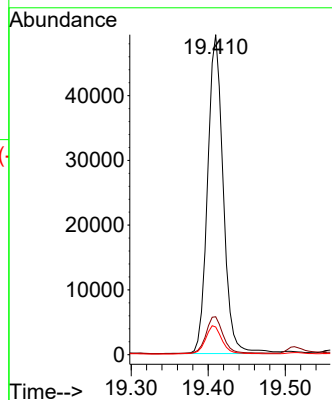
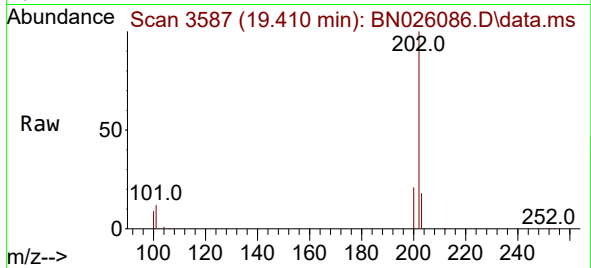




#19
Fluoranthene
Concen: 0.736 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

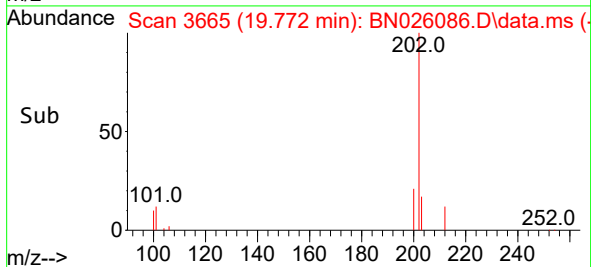
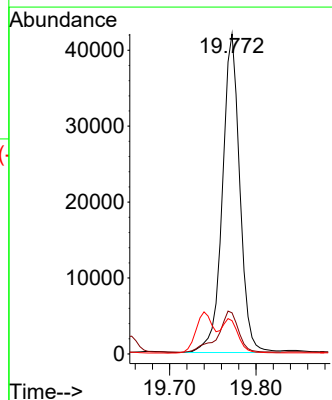
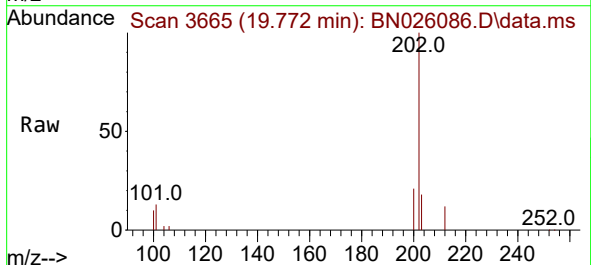
Instrument :
BNA_N
ClientSampleId :
DCFT2DL

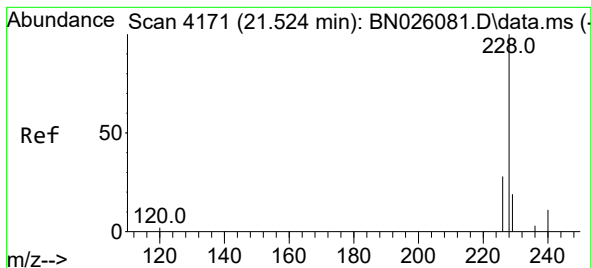
Tgt Ion:202 Resp: 69333
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.600 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

Tgt Ion:202 Resp: 58801
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.4 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.383 ng/ul

RT: 21.526 min Scan# 4171

Delta R.T. -0.003 min

Lab File: BN026086.D

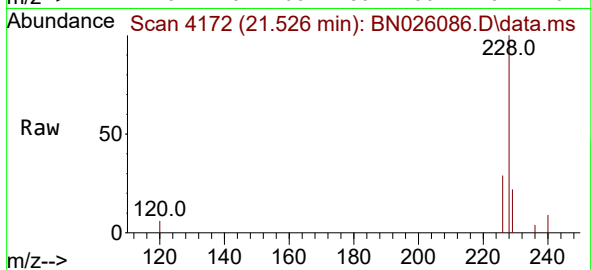
Acq: 29 Jun 2023 09:37

Instrument :

BNA_N

ClientSampleId :

DCFT2DL



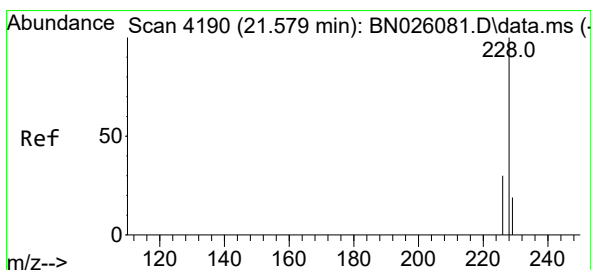
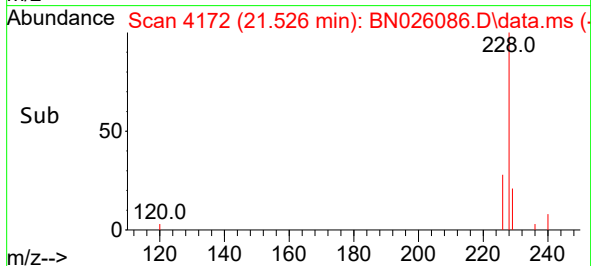
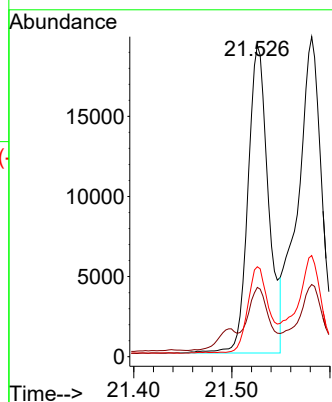
Tgt Ion:228 Resp: 27851

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.6

226 28.9 22.5 33.7



#22

Chrysene

Concen: 0.440 ng/ul

RT: 21.581 min Scan# 4191

Delta R.T. 0.003 min

Lab File: BN026086.D

Acq: 29 Jun 2023 09:37

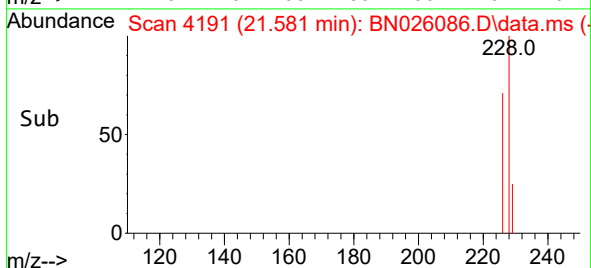
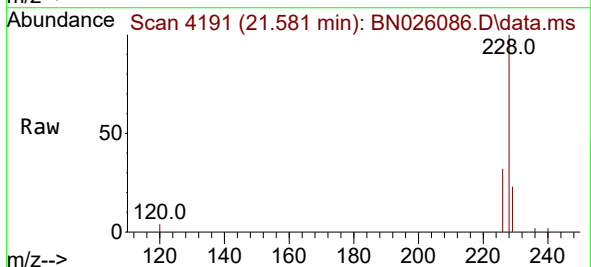
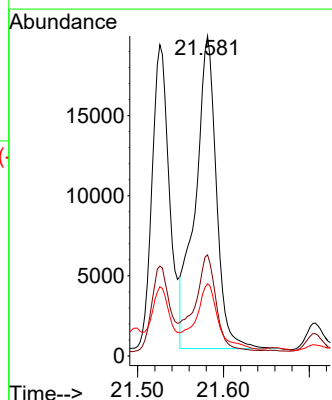
Tgt Ion:228 Resp: 33344

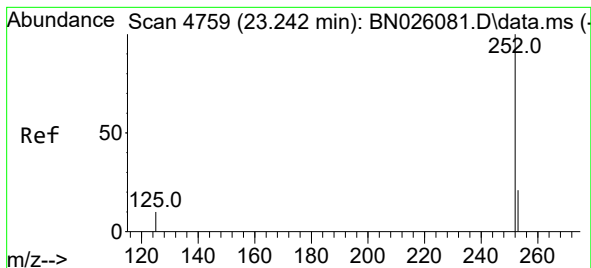
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.983 ng/ul

RT: 23.250 min Scan# 4759

Delta R.T. -0.003 min

Lab File: BN026086.D

Acq: 29 Jun 2023 09:37

Instrument :

BNA_N

ClientSampleId :

DCFT2DL

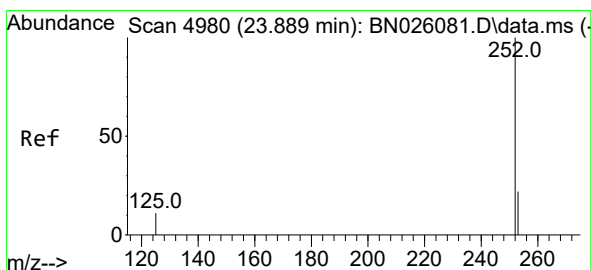
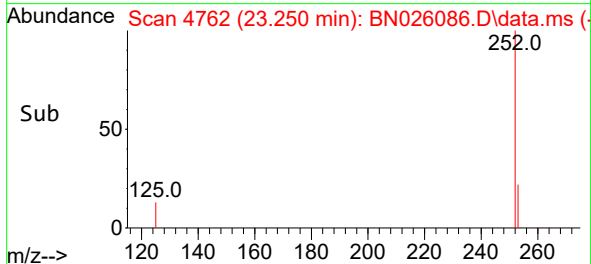
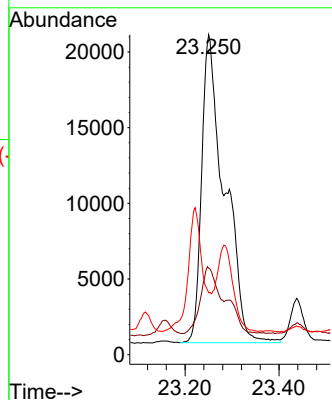
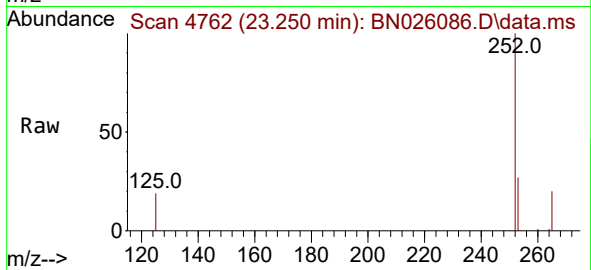
Tgt Ion:252 Resp: 68510

Ion Ratio Lower Upper

252 100

253 27.0 0.0 55.6

125 19.3 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.511 ng/ul

RT: 23.888 min Scan# 4980

Delta R.T. -0.018 min

Lab File: BN026086.D

Acq: 29 Jun 2023 09:37

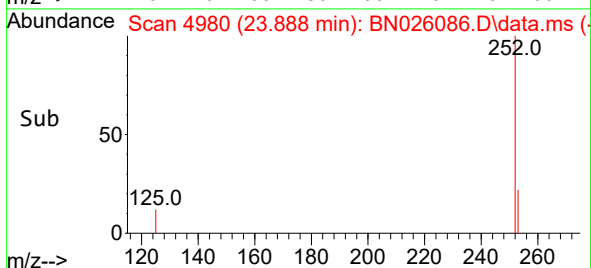
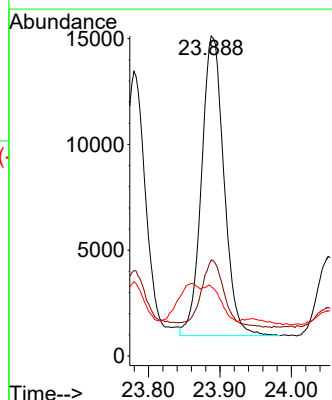
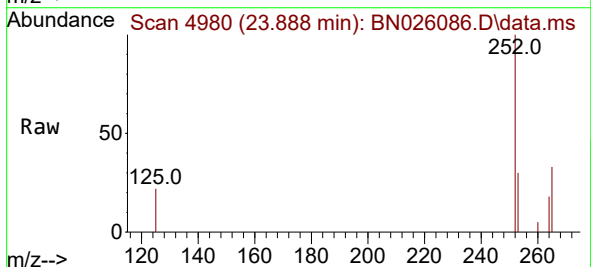
Tgt Ion:252 Resp: 30930

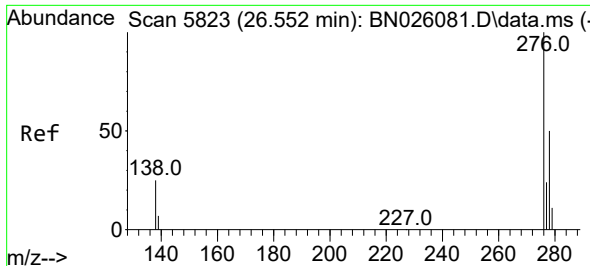
Ion Ratio Lower Upper

252 100

253 30.1 26.0 39.0

125 21.6 17.3 25.9

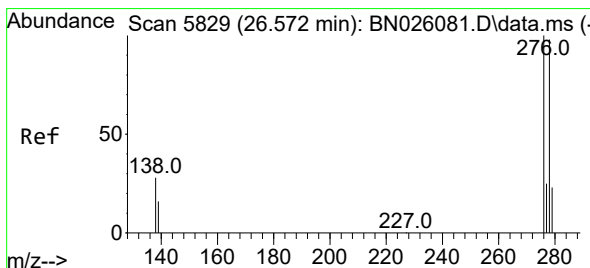
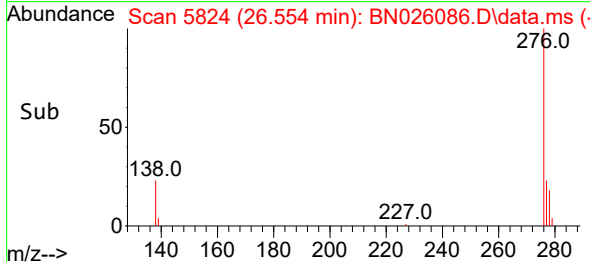
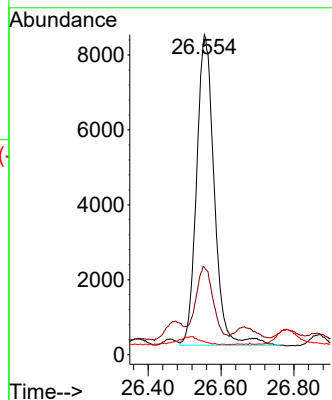
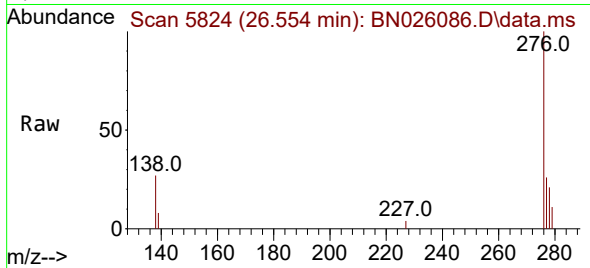




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.554 min Scan# 5823
Delta R.T. -0.040 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

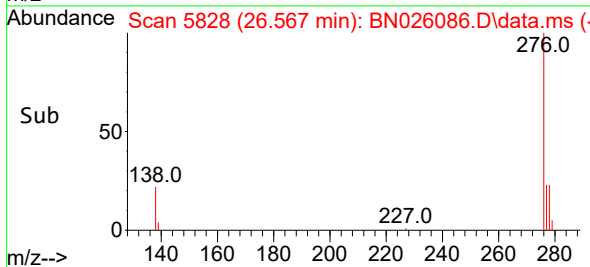
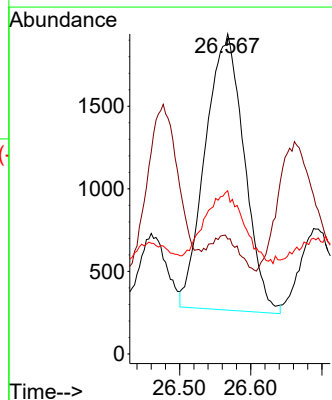
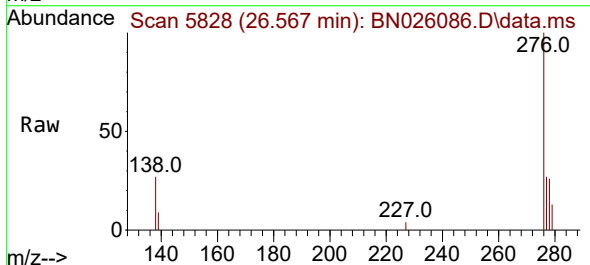
Instrument :
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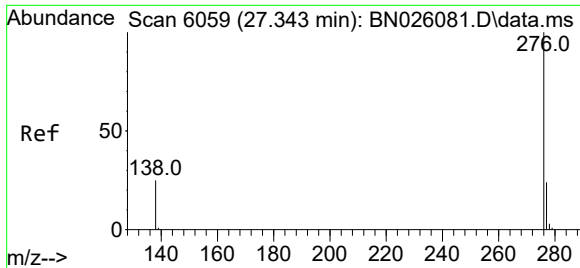
Tgt Ion:276 Resp: 27910
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.047 min
Lab File: BN026086.D
Acq: 29 Jun 2023 09:37

Tgt Ion:278 Resp: 6343
Ion Ratio Lower Upper
278 100
139 35.9 19.0 28.4#
279 51.0 26.7 40.1#





#29

Benzo(g,h,i)perylene

Concen: 0.471 ng/ul

RT: 27.349 min Scan# 6061

Delta R.T. -0.037 min

Lab File: BN026086.D

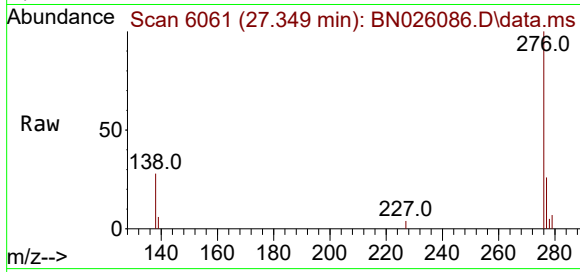
Acq: 29 Jun 2023 09:37

Instrument :

BNA_N

ClientSampleId :

DCFT2DL



Tgt Ion:276 Resp: 27731

Ion Ratio Lower Upper

276 100

138 27.8 23.4 35.0

277 26.0 20.0 30.0

