

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026057.D
 Acq On : 28 Jun 2023 14:22
 Operator : MA/JU
 Sample : 03142-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS5

Quant Time: Jun 28 23:14:42 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)

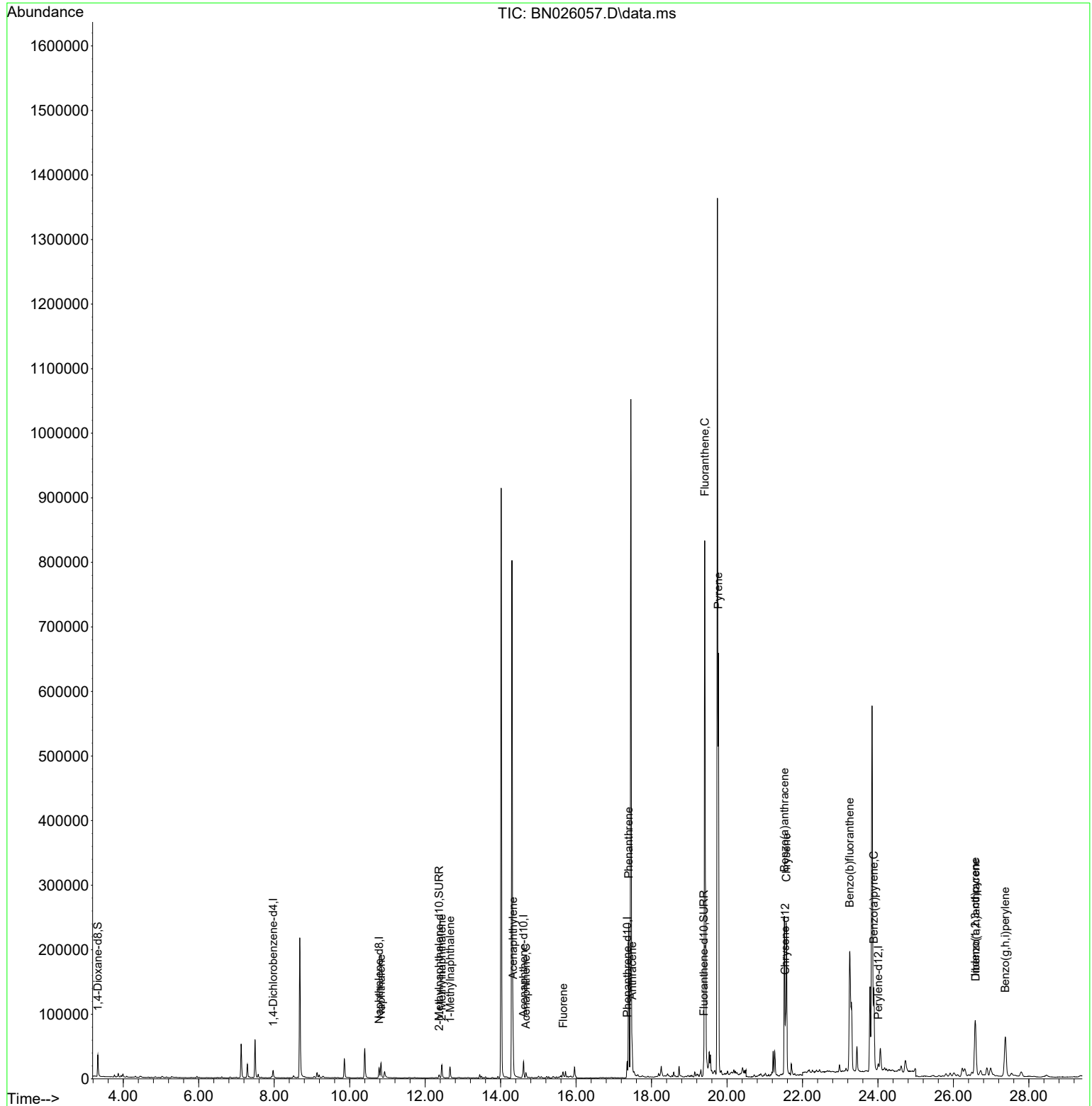
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	7032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	22507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	30272	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	19172	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16119	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	23554	2.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6836	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	15702	0.215	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.831	128	27035	0.419	ng/ul	99
7) 2-Methylnaphthalene	12.442	142	16432	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	13028	0.306	ng/ul	99
10) Acenaphthylene	14.330	152	77266	1.169	ng/ul	99
11) Acenaphthene	14.672	153	5246	0.097	ng/ul	97
12) Fluorene	15.657	166	5722	0.092	ng/ul#	96
15) Phenanthrene	17.393	178	261499	2.615	ng/ul	99
16) Anthracene	17.486	178	33554	0.378	ng/ul	98
19) Fluoranthene	19.410	202	602389	5.883	ng/ul#	72
20) Pyrene	19.772	202	532598	5.000	ng/ul	96
21) Benzo(a)anthracene	21.520	228	215031	2.719	ng/ul	98
22) Chrysene	21.576	228	277092	3.367	ng/ul	98
24) Benzo(b)fluoranthene	23.253	252	507586	7.378	ng/ul	90
26) Benzo(a)pyrene	23.891	252	192886	3.228	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.578	276	158290	2.425	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.588	278	35501	0.719	ng/ul	96
29) Benzo(g,h,i)perylene	27.376	276	146851	2.529	ng/ul	95

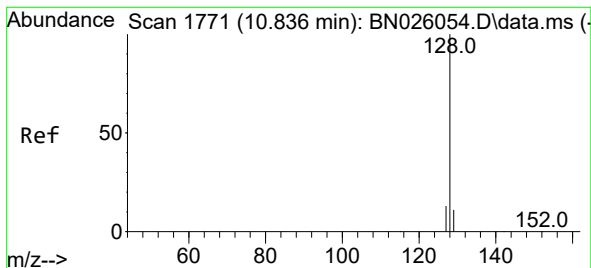
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
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#5

Naphthalene

Concen: 0.419 ng/ul

RT: 10.831 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN026057.D

Acq: 28 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCFS5

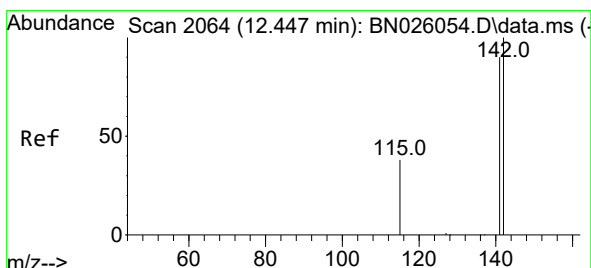
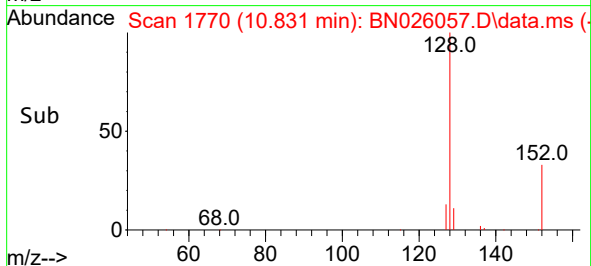
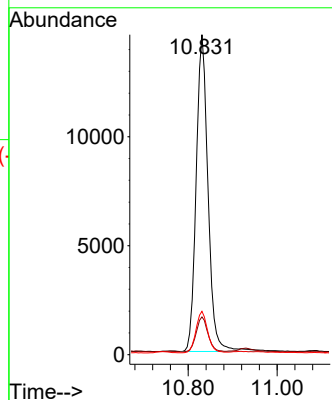
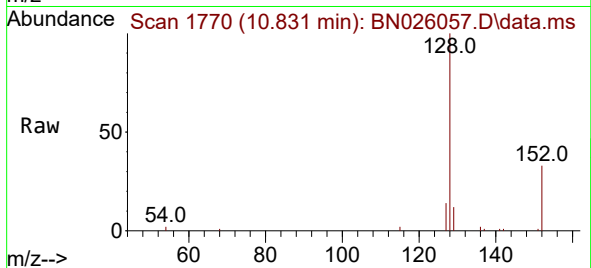
Tgt Ion:128 Resp: 27035

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 13.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.442 min Scan# 2063

Delta R.T. -0.005 min

Lab File: BN026057.D

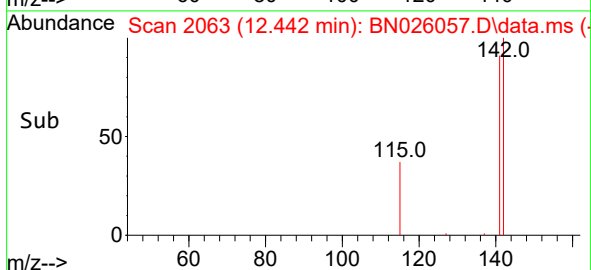
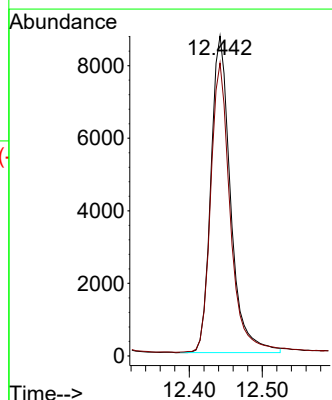
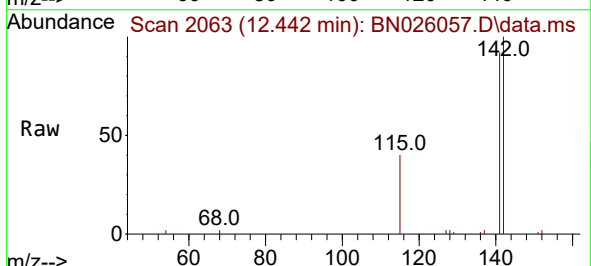
Acq: 28 Jun 2023 14:22

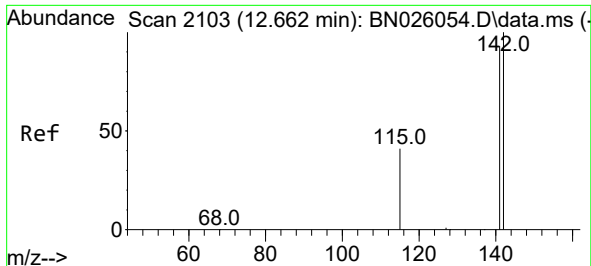
Tgt Ion:142 Resp: 16432

Ion Ratio Lower Upper

142 100

141 90.2 71.9 107.9

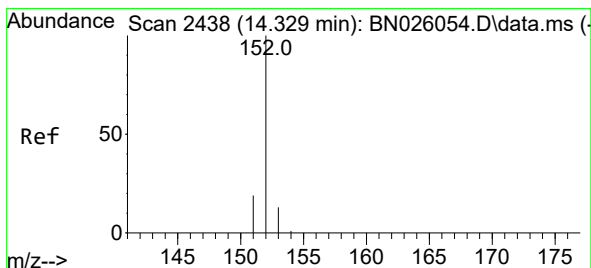
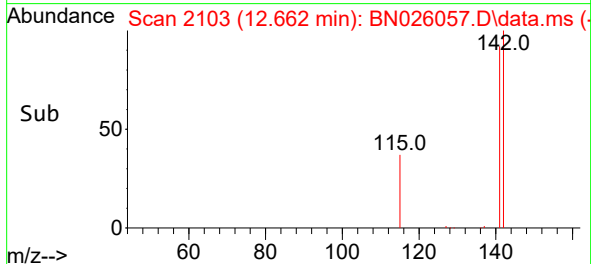
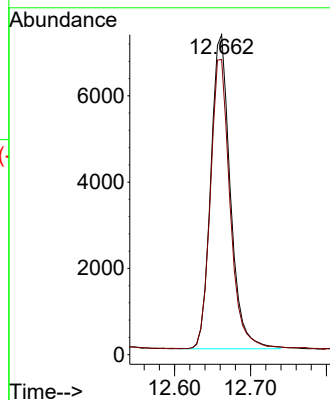
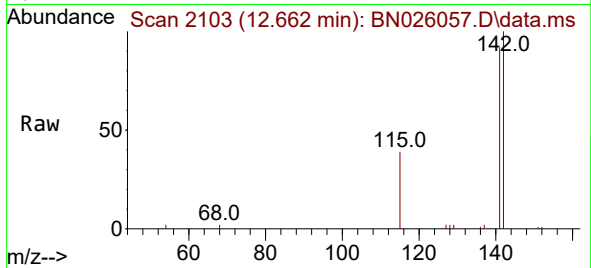




#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

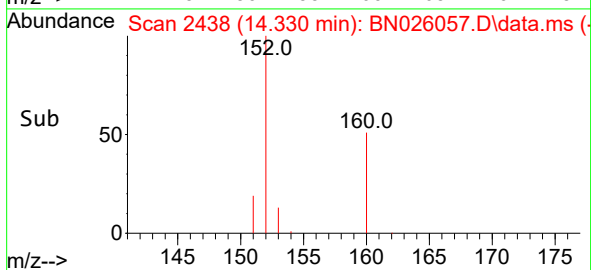
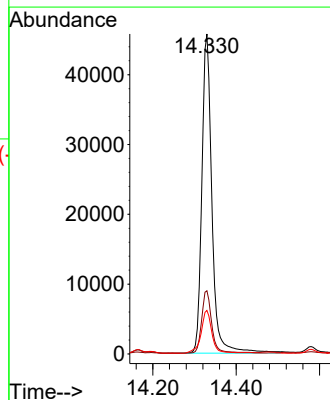
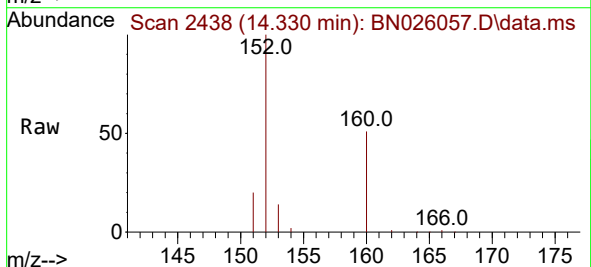
Instrument :
BNA_N
ClientSampleId :
DCFS5

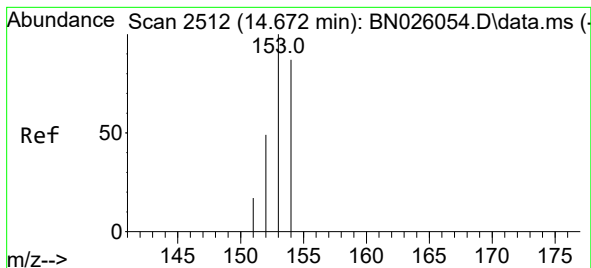
Tgt Ion:142 Resp: 13028
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4



#10
Acenaphthylene
Concen: 1.169 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Tgt Ion:152 Resp: 77266
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.6 10.9 16.3





#11

Acenaphthene

Concen: 0.097 ng/ul

RT: 14.672 min Scan# 2512

Delta R.T. 0.000 min

Lab File: BN026057.D

Acq: 28 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCFS5

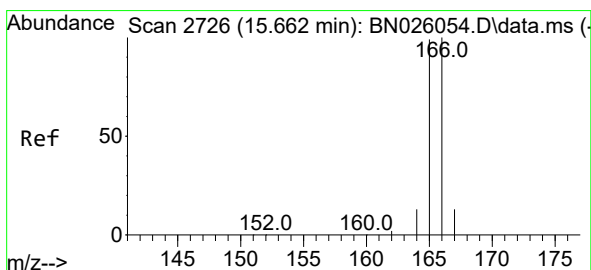
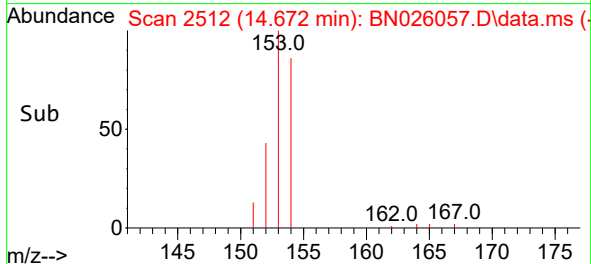
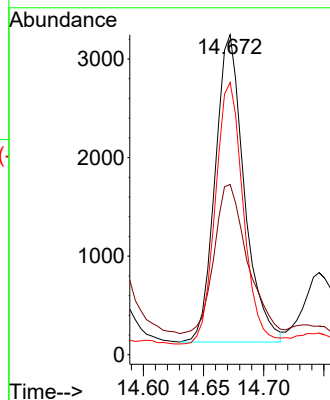
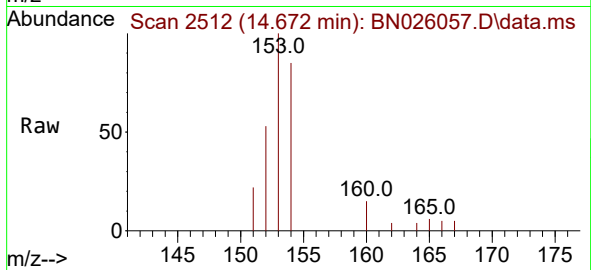
Tgt Ion:153 Resp: 5246

Ion Ratio Lower Upper

153 100

152 53.2 39.4 59.0

154 85.0 68.9 103.3



#12

Fluorene

Concen: 0.092 ng/ul

RT: 15.657 min Scan# 2725

Delta R.T. -0.004 min

Lab File: BN026057.D

Acq: 28 Jun 2023 14:22

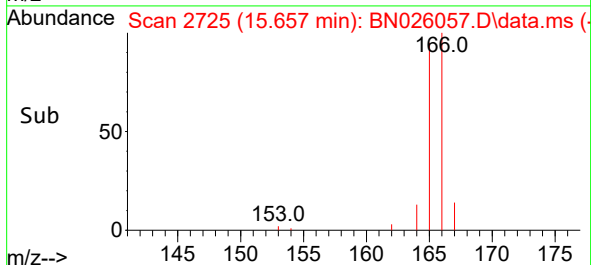
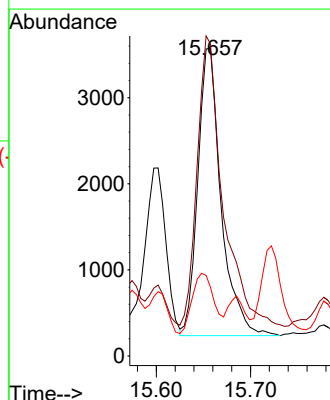
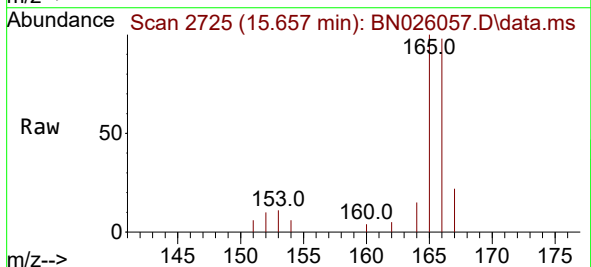
Tgt Ion:166 Resp: 5722

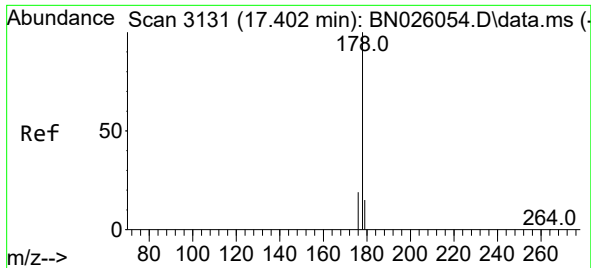
Ion Ratio Lower Upper

166 100

165 101.5 79.9 119.9

167 22.4 10.8 16.2#

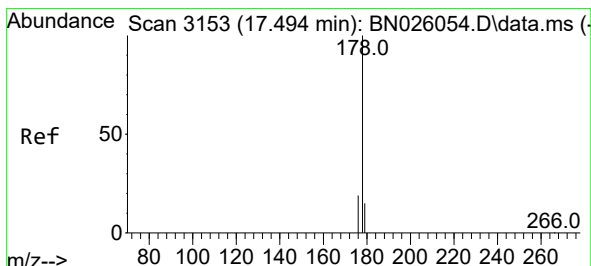
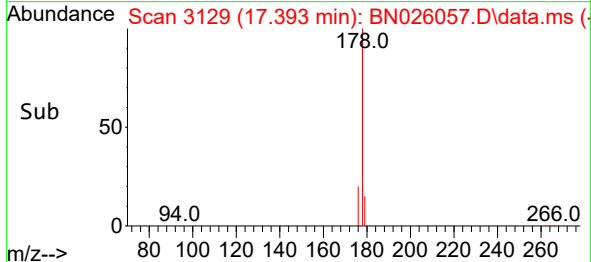
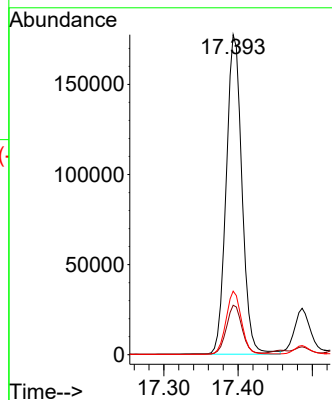
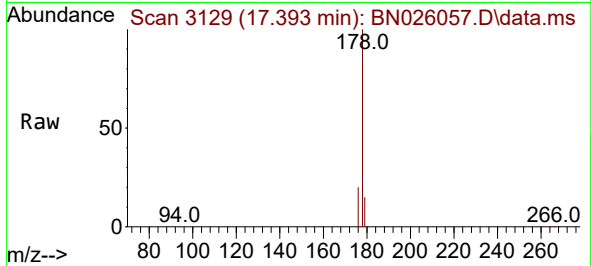




#15
Phenanthrene
Concen: 2.615 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

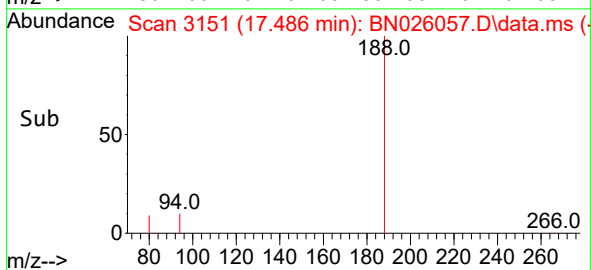
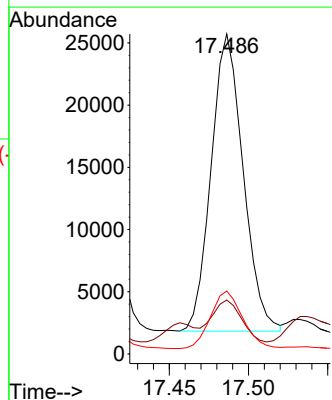
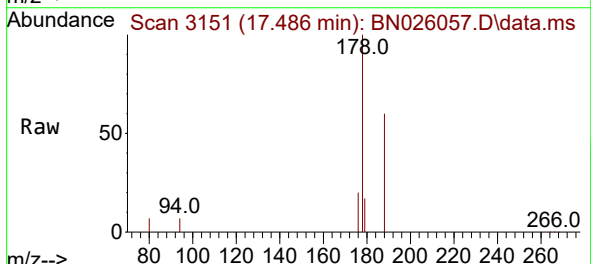
Instrument :
BNA_N
ClientSampleId :
DCFS5

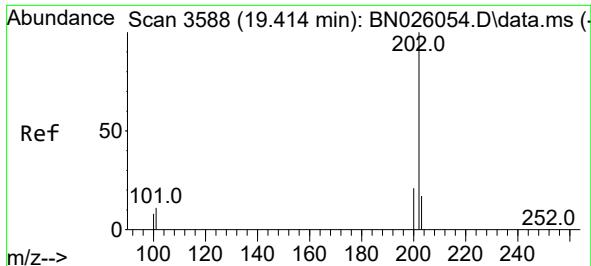
Tgt Ion:178 Resp: 261499
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Tgt Ion:178 Resp: 33554
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.6 15.1 22.7

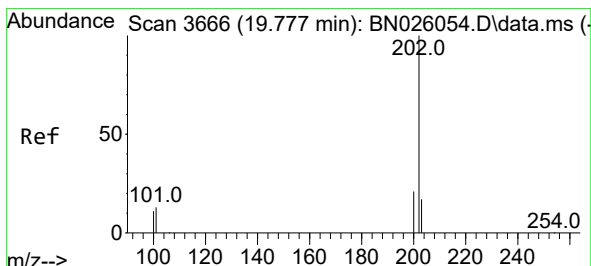
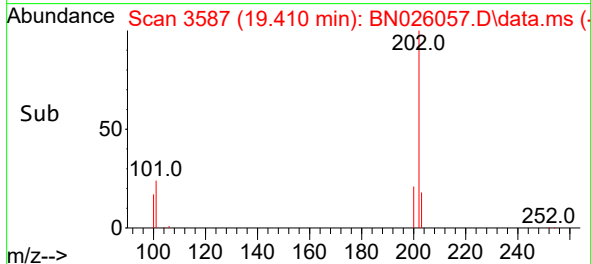
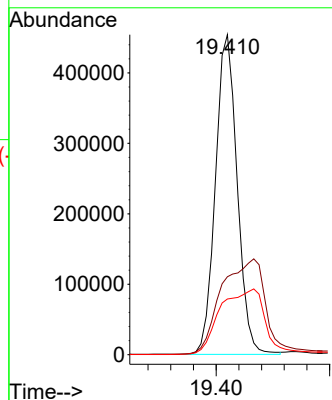
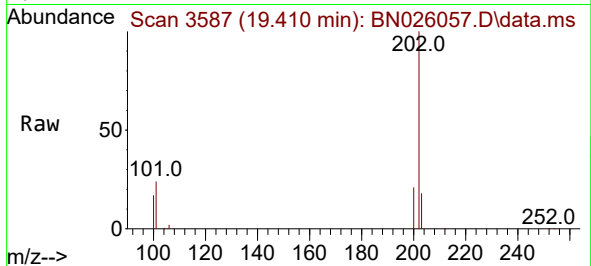




#19
Fluoranthene
Concen: 5.883 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

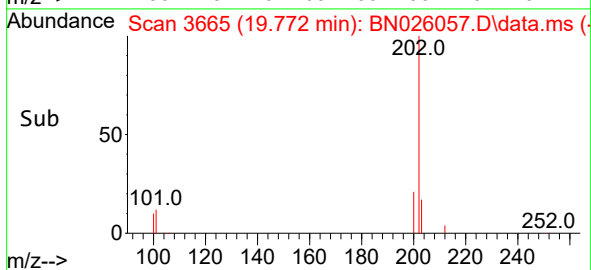
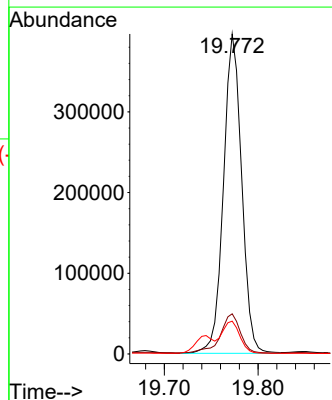
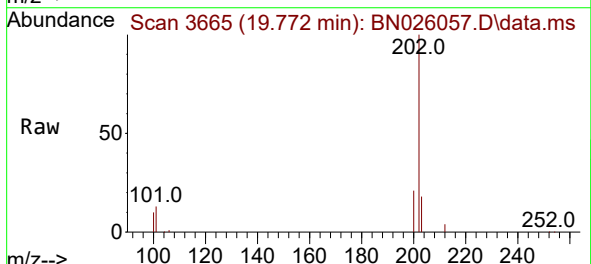
Instrument :
BNA_N
ClientSampleId :
DCFS5

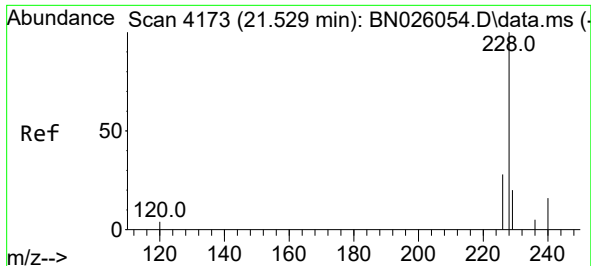
Tgt Ion:202 Resp: 602389
Ion Ratio Lower Upper
202 100
101 24.3 9.5 14.3#
100 17.4 7.3 10.9#



#20
Pyrene
Concen: 5.000 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

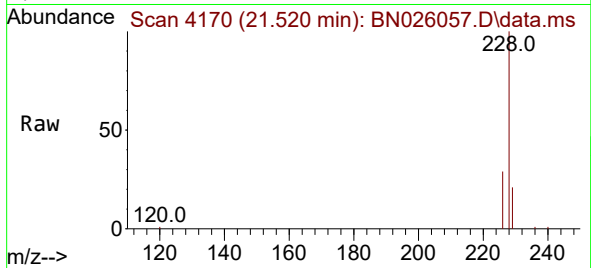
Tgt Ion:202 Resp: 532598
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7



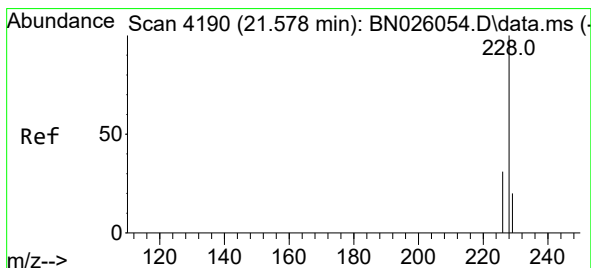
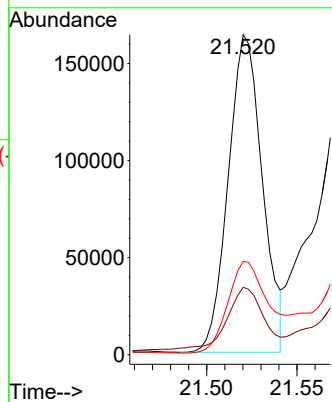
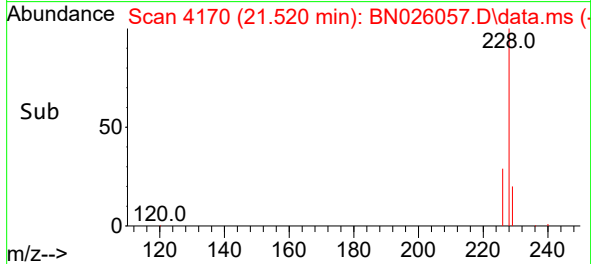


#21
Benzo(a)anthracene
Concen: 2.719 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Instrument :
BNA_N
ClientSampleId :
DCFS5

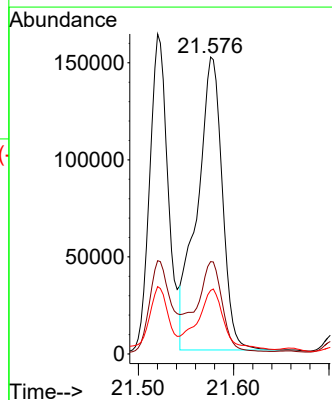
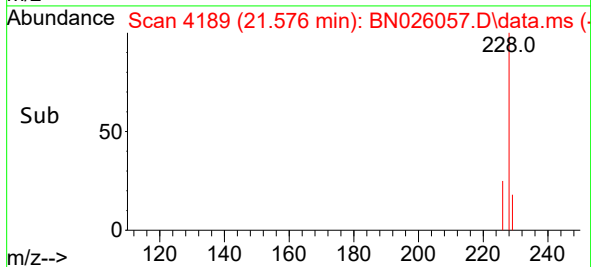
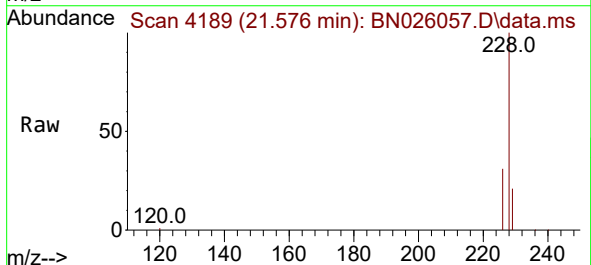


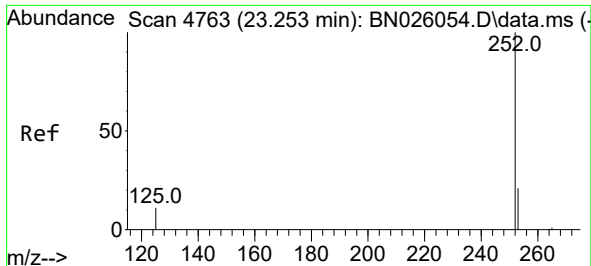
Tgt Ion:228 Resp: 215031
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 3.367 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Tgt Ion:228 Resp: 277092
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.4 15.7 23.5

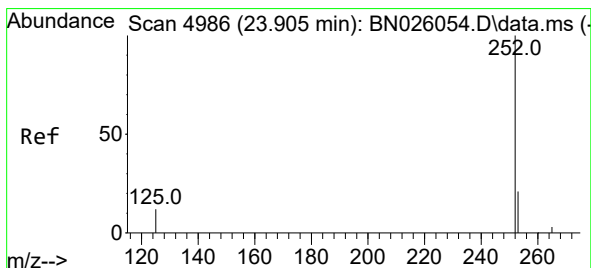
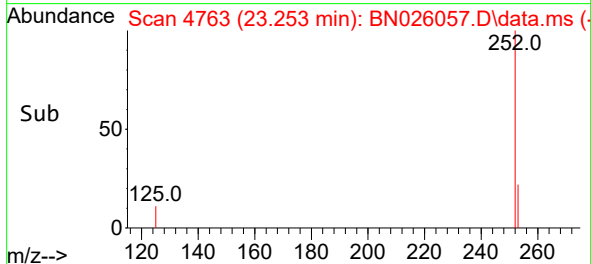
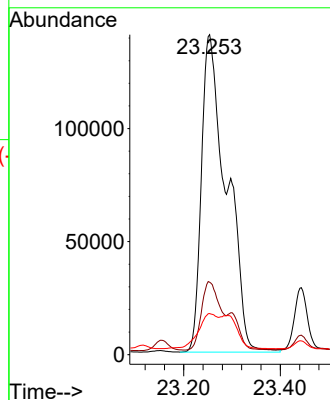
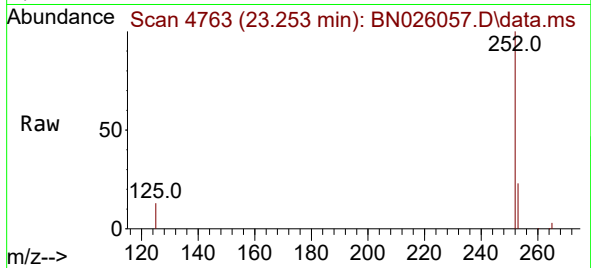




#24
Benzo(b)fluoranthene
Concen: 7.378 ng/ul
RT: 23.253 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

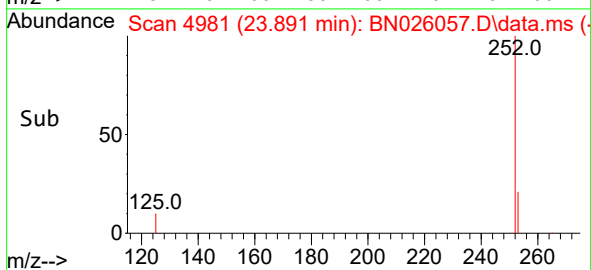
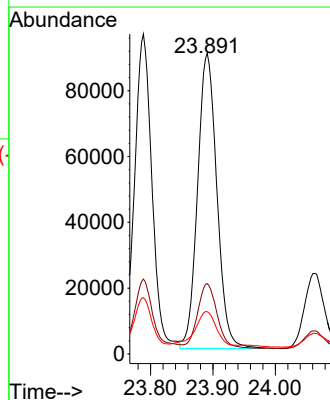
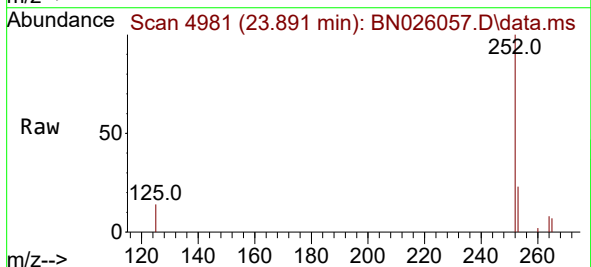
Instrument :
BNA_N
ClientSampleId :
DCFS5

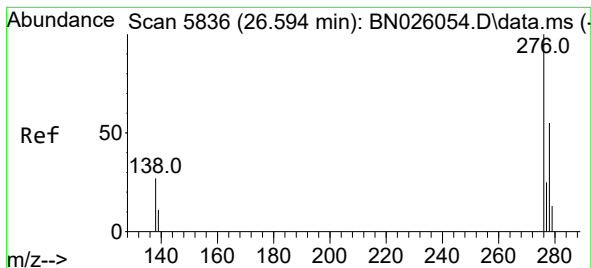
Tgt Ion:252 Resp: 507586
Ion Ratio Lower Upper
252 100
253 22.7 0.0 55.6
125 12.9 0.0 35.8



#26
Benzo(a)pyrene
Concen: 3.228 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. -0.014 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Tgt Ion:252 Resp: 192886
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0#
125 14.0 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.425 ng/ul

RT: 26.578 min Scan# 5831

Delta R.T. -0.017 min

Lab File: BN026057.D

Acq: 28 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCFS5

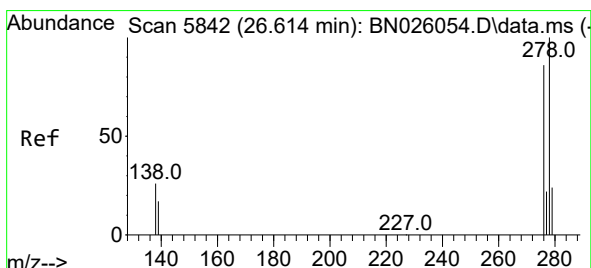
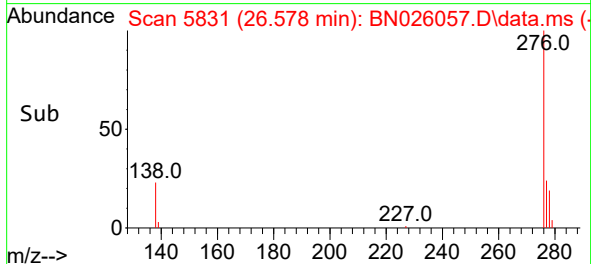
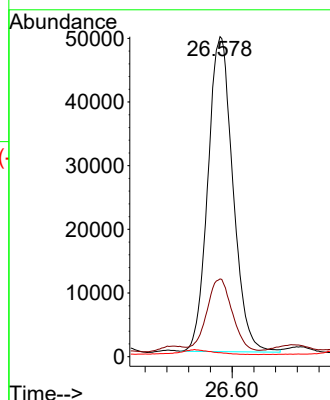
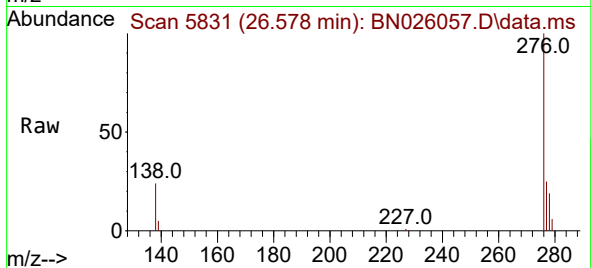
Tgt Ion:276 Resp: 158290

Ion Ratio Lower Upper

276 100

138 23.1 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.719 ng/ul

RT: 26.588 min Scan# 5834

Delta R.T. -0.027 min

Lab File: BN026057.D

Acq: 28 Jun 2023 14:22

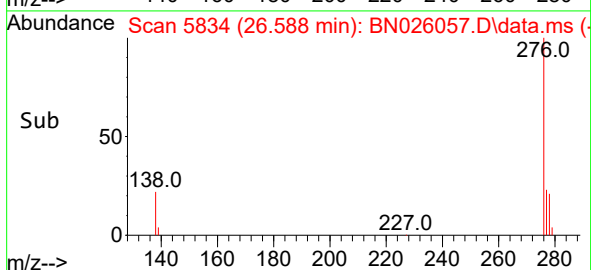
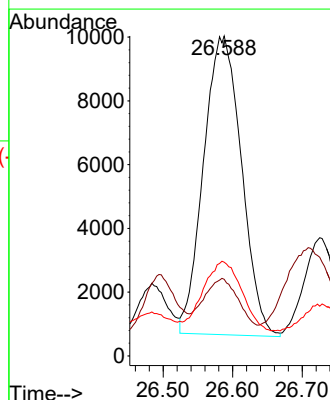
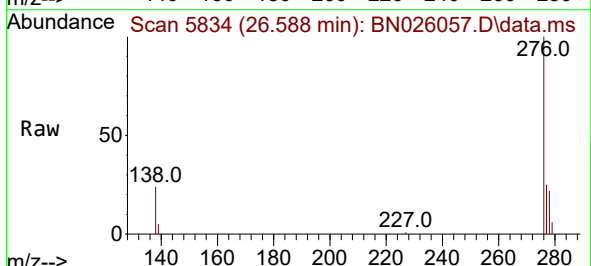
Tgt Ion:278 Resp: 35501

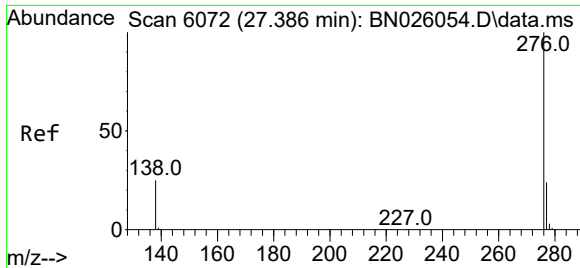
Ion Ratio Lower Upper

278 100

139 23.9 19.0 28.4

279 29.3 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 2.529 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.010 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Instrument :
BNA_N
ClientSampleId :
DCFS5

Tgt Ion:276 Resp: 146851
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 24.0 20.0 30.0

