

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025940.D
 Acq On : 22 Jun 2023 16:46
 Operator : MA/JU
 Sample : 03083-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL4

Quant Time: Jun 23 01:03:48 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)

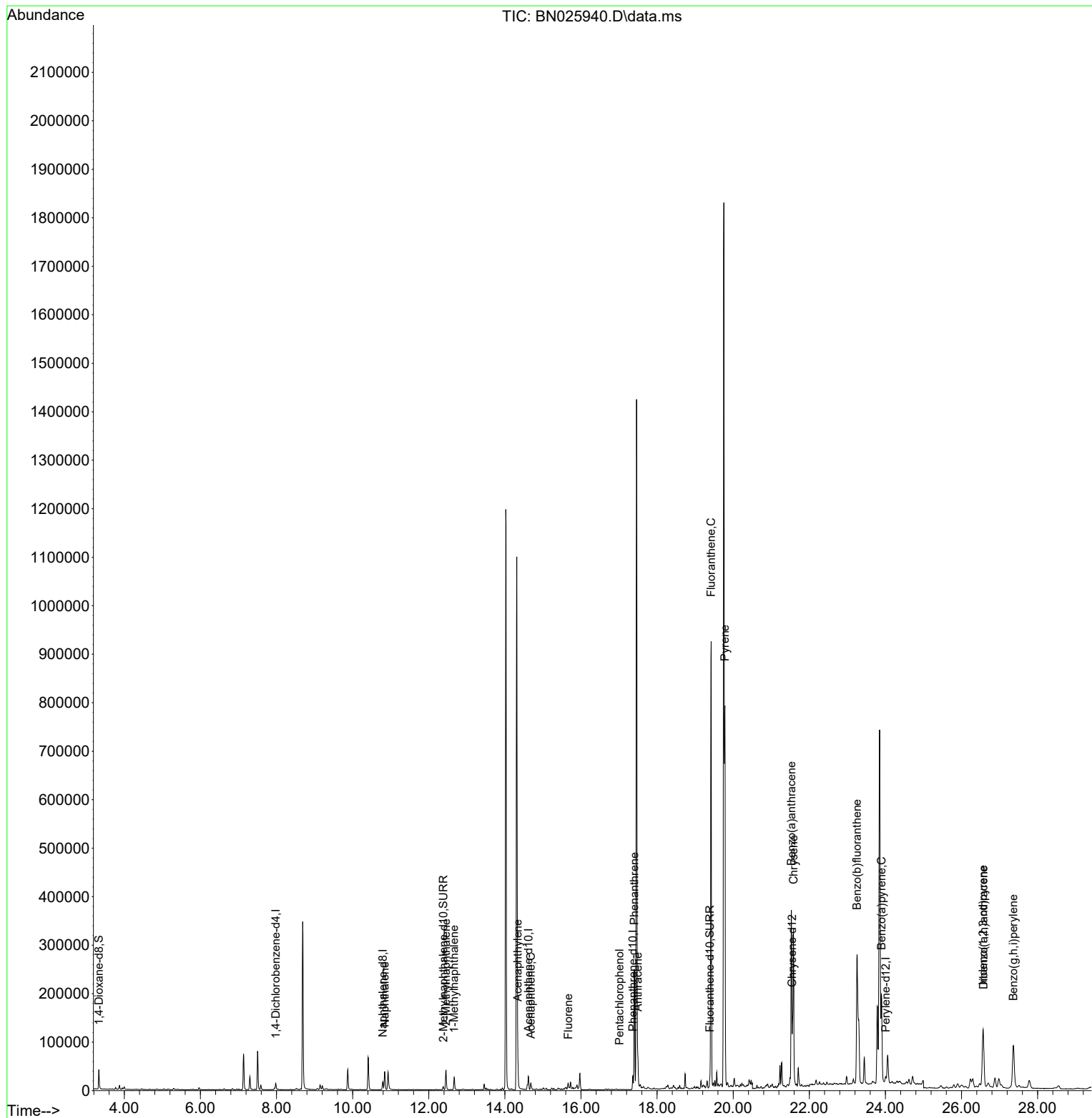
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	23762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.621	164	15380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	32897	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21438	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	18048	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	26881	3.148	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	9350	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	22252	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	53924	0.792	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	30448	0.702	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	18769	0.418	ng/ul	100
10) Acenaphthylene	14.339	152	65816	0.914	ng/ul	99
11) Acenaphthene	14.681	153	8628	0.146	ng/ul	98
12) Fluorene	15.667	166	8334	0.123	ng/ul#	96
14) Pentachlorophenol	17.013	266	251	0.021	ng/ul	90
15) Phenanthrene	17.402	178	277884	2.557	ng/ul	99
16) Anthracene	17.495	178	54186	0.561	ng/ul	98
19) Fluoranthene	19.419	202	791815	6.915	ng/ul	97
20) Pyrene	19.782	202	644226	5.409	ng/ul	96
21) Benzo(a)anthracene	21.529	228	326815	3.695	ng/ul	97
22) Chrysene	21.584	228	385506	4.189	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	654251	8.493	ng/ul	91
26) Benzo(a)pyrene	23.897	252	279985	4.185	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.567	276	212939	2.914	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.574	278	51738	0.935	ng/ul	97
29) Benzo(g,h,i)perylene	27.362	276	201006	3.092	ng/ul	96

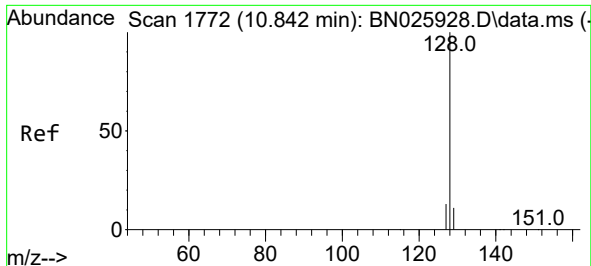
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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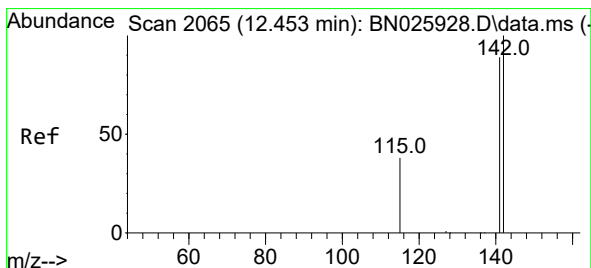
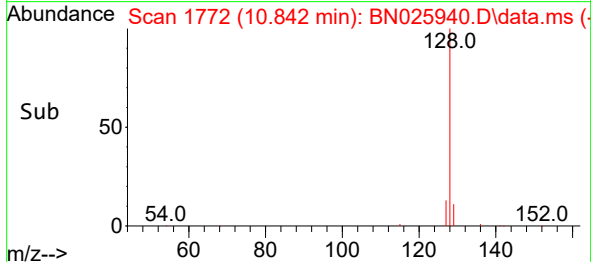
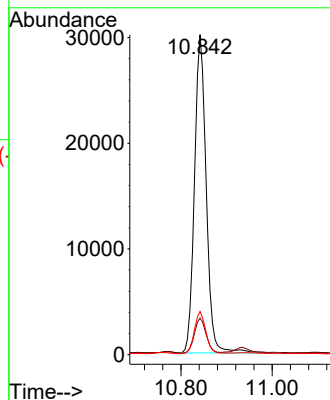
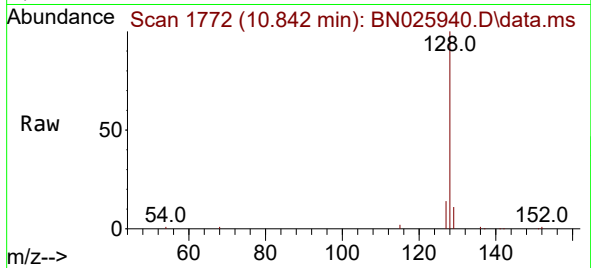




#5
Naphthalene
Concen: 0.792 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

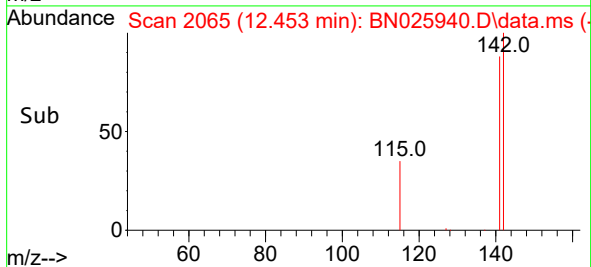
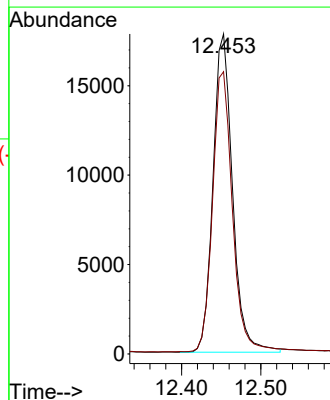
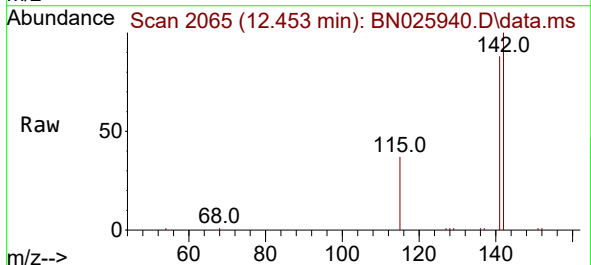
Instrument :
BNA_N
ClientSampleId :
DCFL4

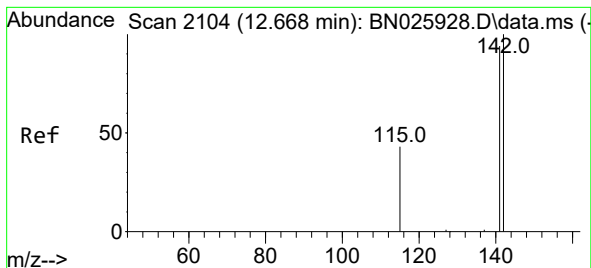
Tgt Ion:128 Resp: 53924
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.702 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:142 Resp: 30448
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9

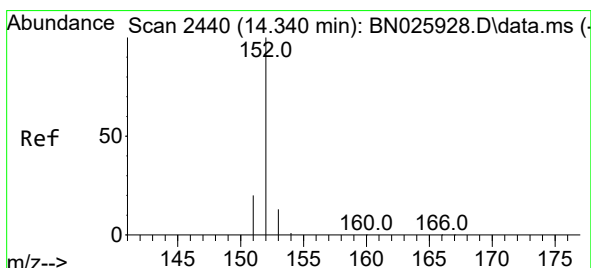
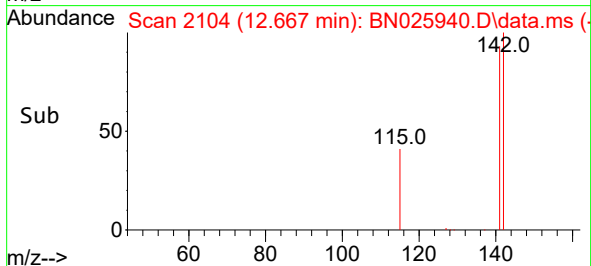
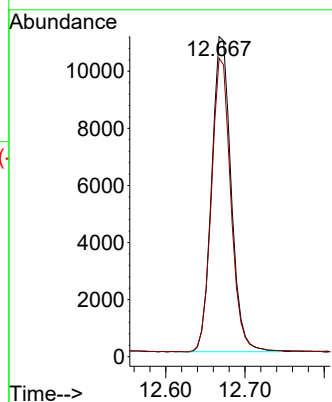
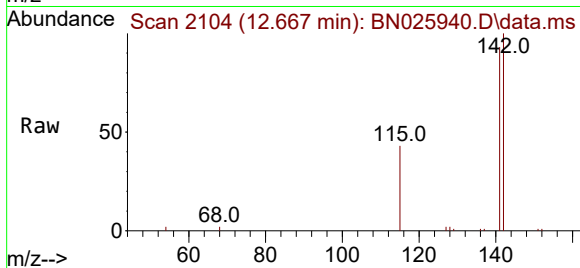




#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

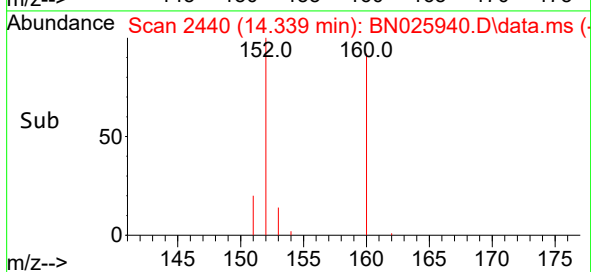
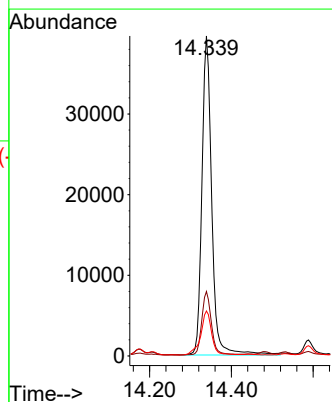
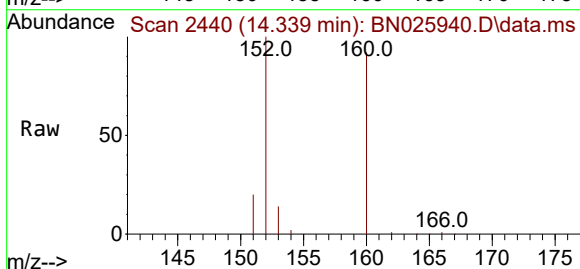
Instrument :
BNA_N
ClientSampleId :
DCFL4

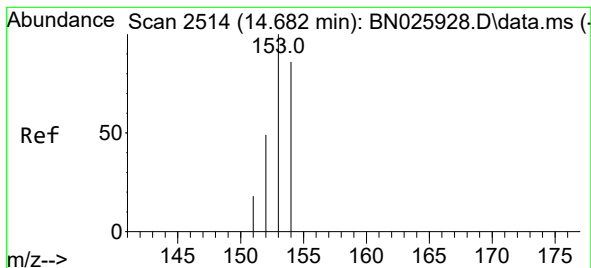
Tgt Ion:142 Resp: 18769
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.914 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:152 Resp: 65816
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.1 10.9 16.3





#11

Acenaphthene

Concen: 0.146 ng/ul

RT: 14.681 min Scan# 2514

Delta R.T. -0.000 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

Instrument :

BNA_N

ClientSampleId :

DCFL4

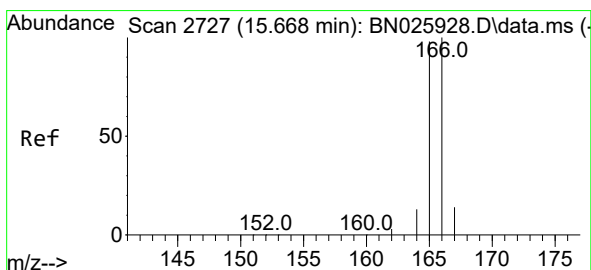
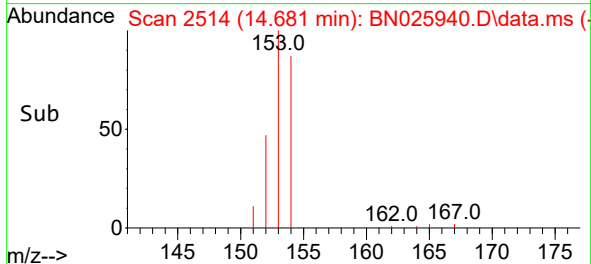
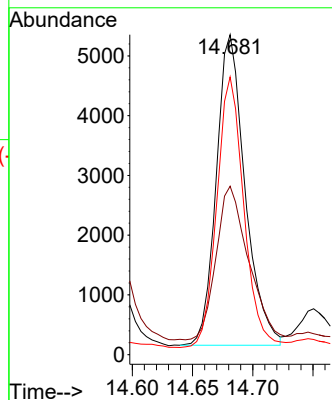
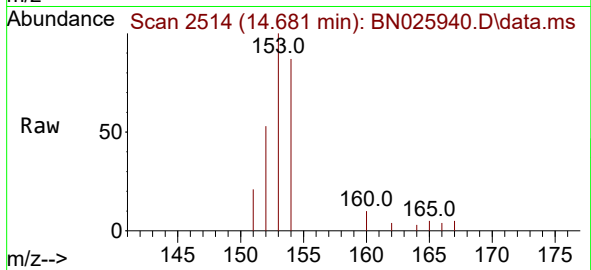
Tgt Ion:153 Resp: 8628

Ion Ratio Lower Upper

153 100

152 52.6 39.4 59.0

154 86.8 68.9 103.3



#12

Fluorene

Concen: 0.123 ng/ul

RT: 15.667 min Scan# 2727

Delta R.T. -0.000 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

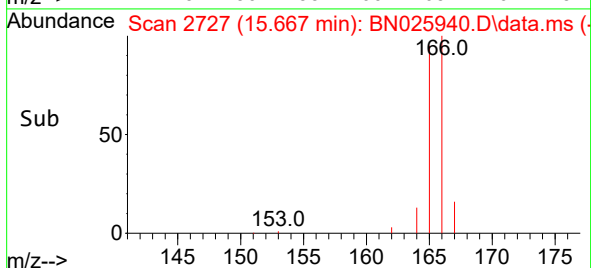
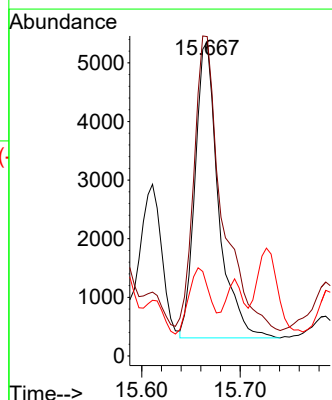
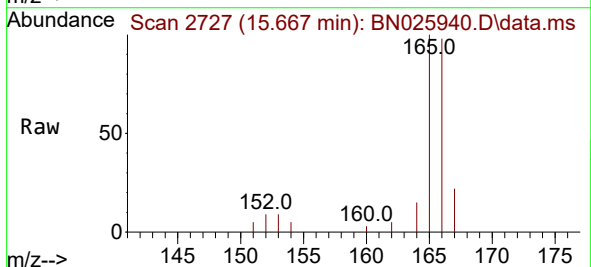
Tgt Ion:166 Resp: 8334

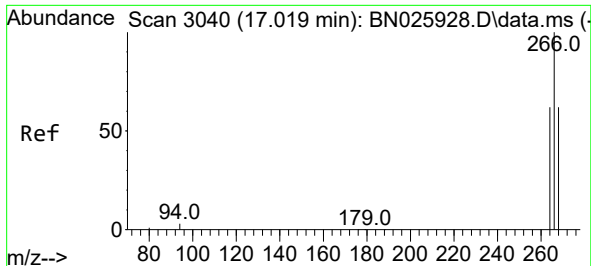
Ion Ratio Lower Upper

166 100

165 101.7 79.9 119.9

167 22.0 10.8 16.2#

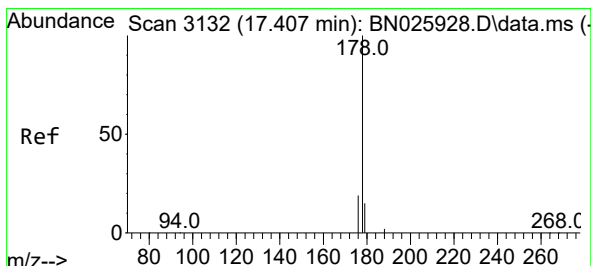
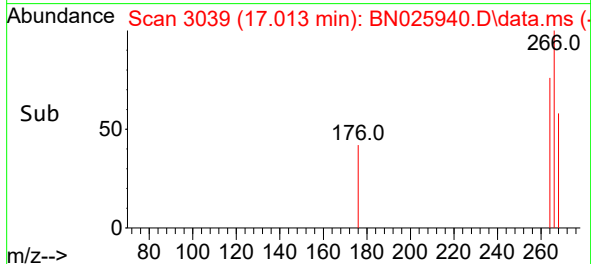
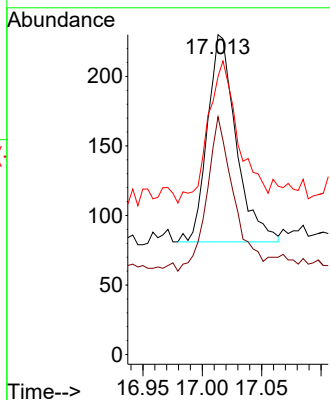
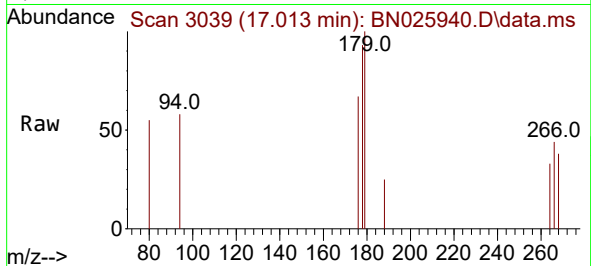




#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 17.013 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

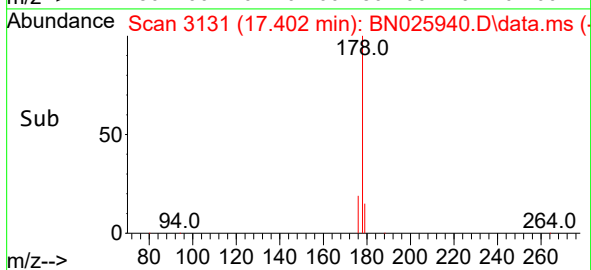
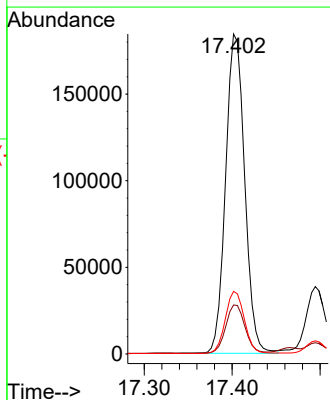
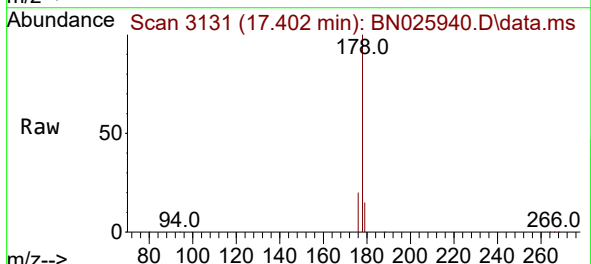
Instrument :
BNA_N
ClientSampleId :
DCFL4

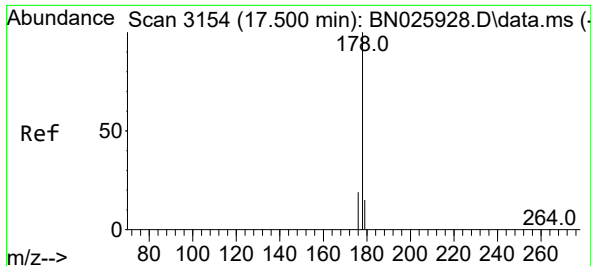
Tgt Ion:266 Resp: 251
Ion Ratio Lower Upper
266 100
264 70.5 50.5 75.7
268 72.9 51.6 77.4



#15
Phenanthrene
Concen: 2.557 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:178 Resp: 277884
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

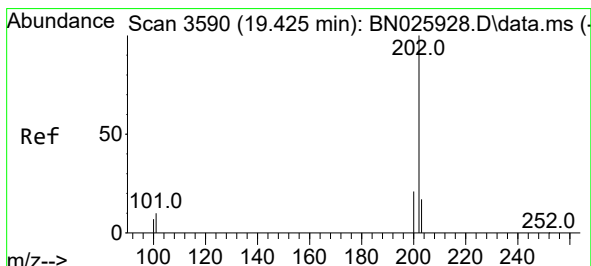
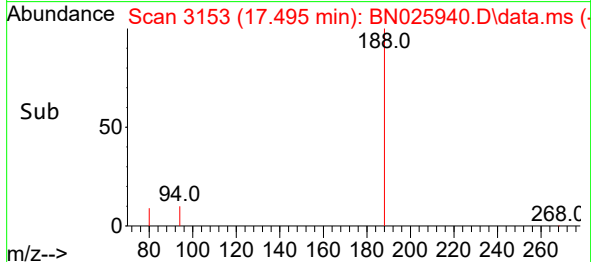
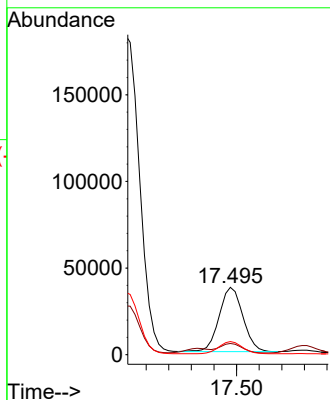
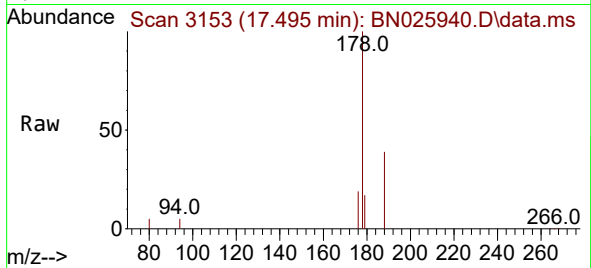




#16
 Anthracene
 Concen: 0.561 ng/ul
 RT: 17.495 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

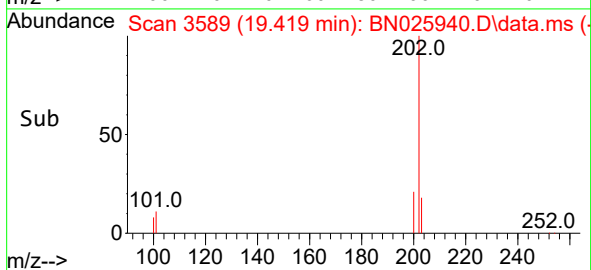
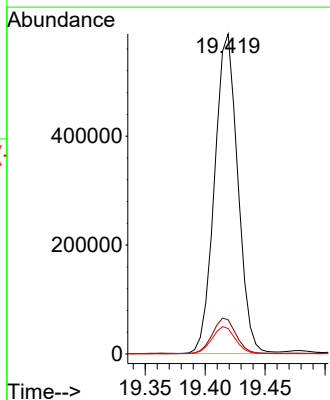
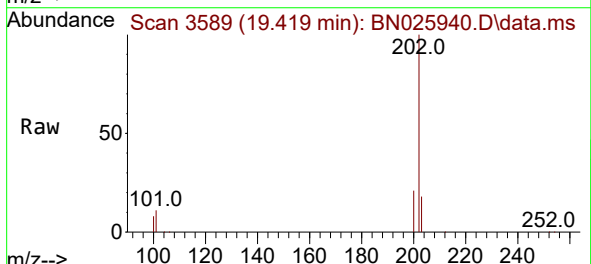
Instrument :
 BNA_N
 ClientSampleId :
 DCFL4

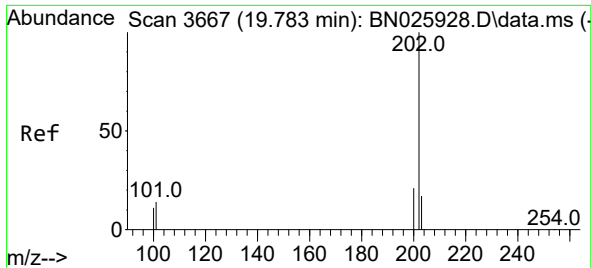
Tgt Ion:178 Resp: 54186
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 18.8
 176 19.4 15.1 22.7



#19
 Fluoranthene
 Concen: 6.915 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

Tgt Ion:202 Resp: 791815
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.0 7.3 10.9

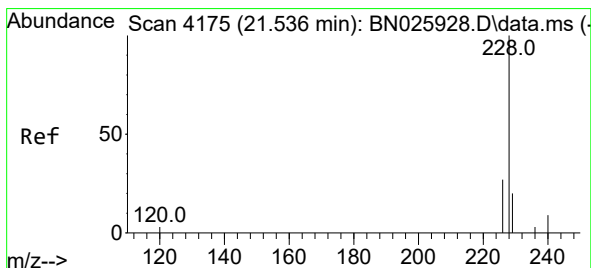
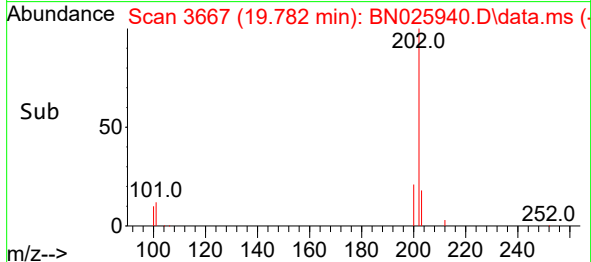
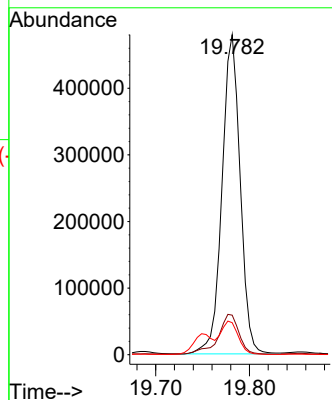
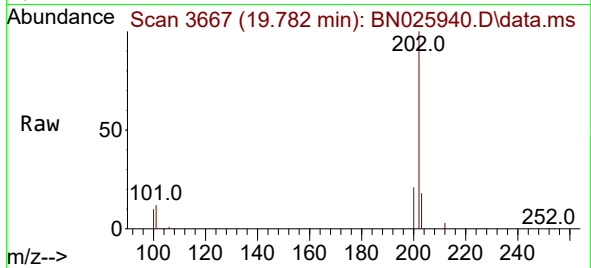




#20
Pyrene
Concen: 5.409 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

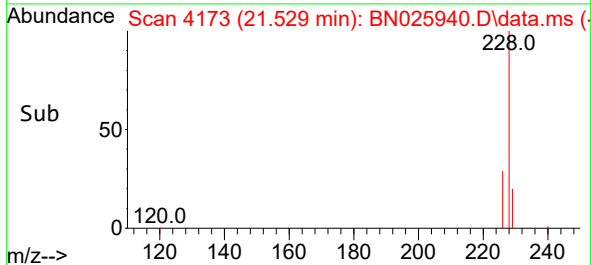
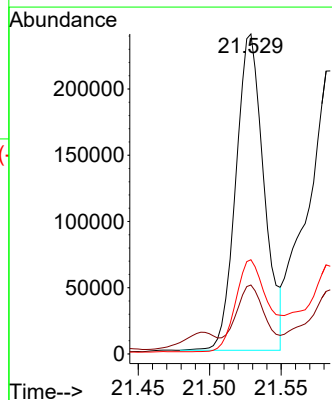
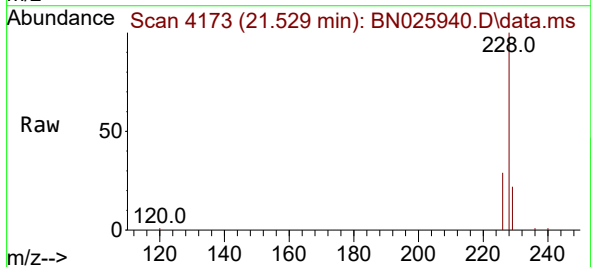
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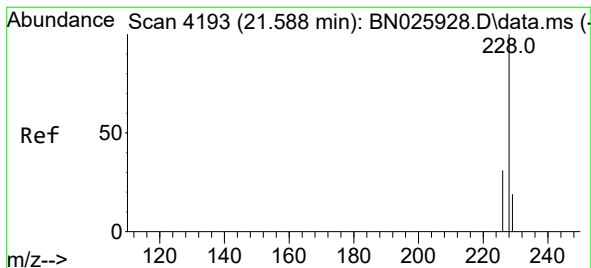
Tgt Ion:202 Resp: 644226
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.0 9.1 13.7



#21
Benzo(a)anthracene
Concen: 3.695 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:228 Resp: 326815
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.5 22.5 33.7





#22

Chrysene

Concen: 4.189 ng/ul

RT: 21.584 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

Instrument :

BNA_N

ClientSampleId :

DCFL4

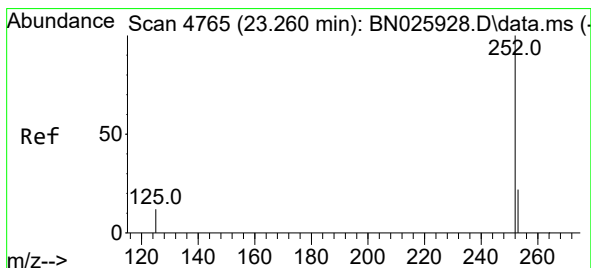
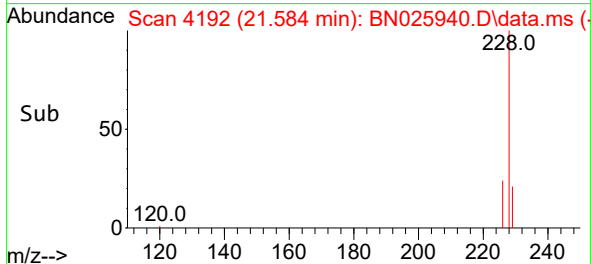
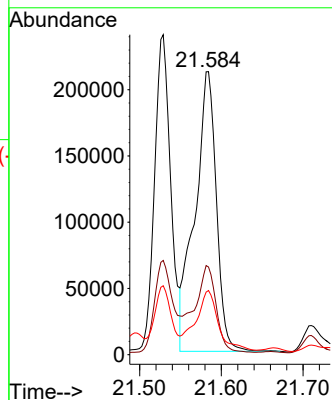
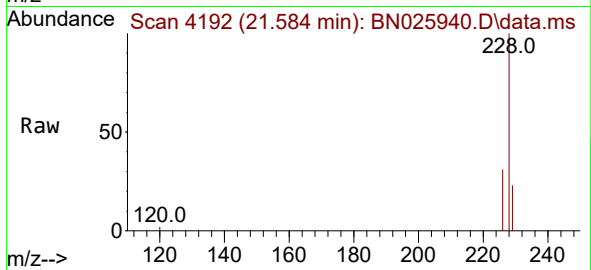
Tgt Ion:228 Resp: 385506

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

229 22.7 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 8.493 ng/ul

RT: 23.253 min Scan# 4763

Delta R.T. -0.003 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

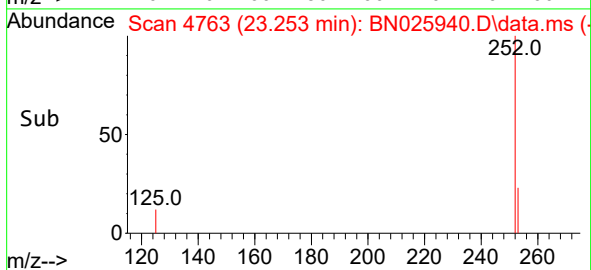
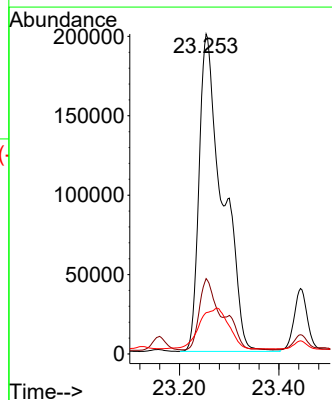
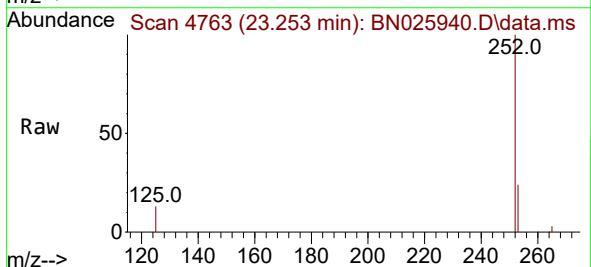
Tgt Ion:252 Resp: 654251

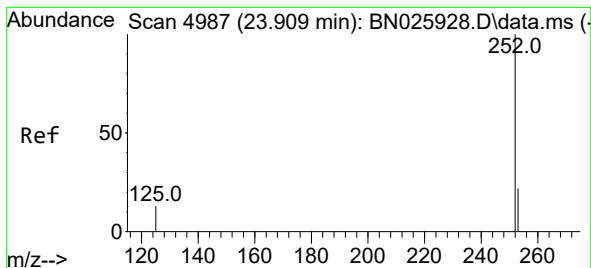
Ion Ratio Lower Upper

252 100

253 23.5 0.0 55.6

125 12.9 0.0 35.8





#26

Benzo(a)pyrene

Concen: 4.185 ng/ul

RT: 23.897 min Scan# 4987

Delta R.T. -0.012 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

Instrument :

BNA_N

ClientSampleId :

DCFL4

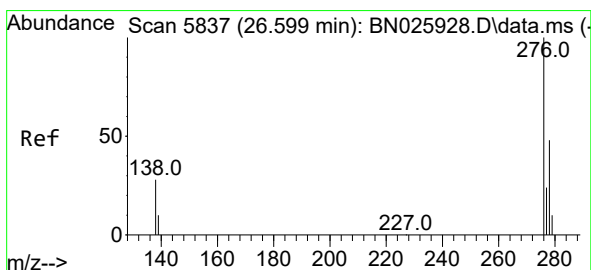
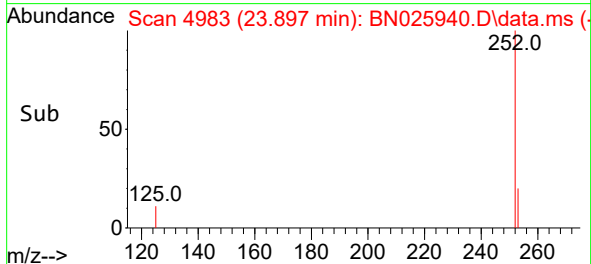
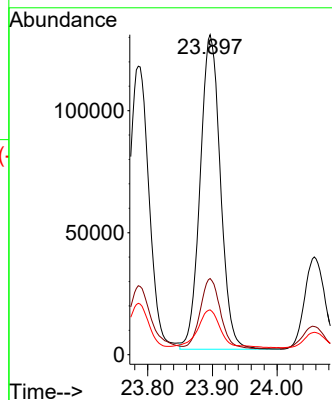
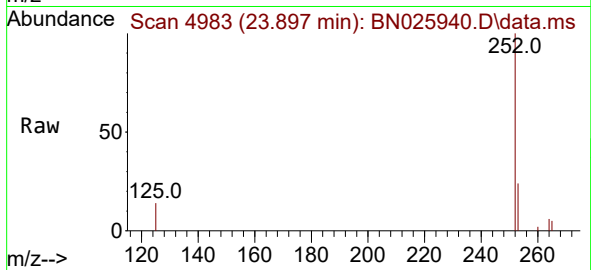
Tgt Ion:252 Resp: 279985

Ion Ratio Lower Upper

252 100

253 23.8 26.0 39.0#

125 14.0 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.914 ng/ul

RT: 26.567 min Scan# 5828

Delta R.T. -0.027 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

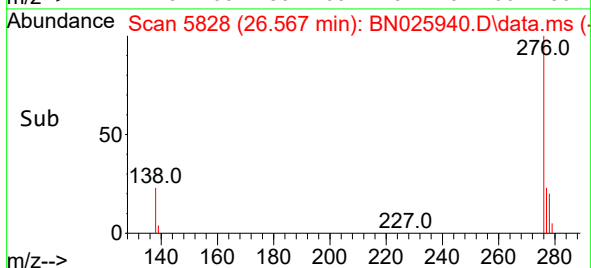
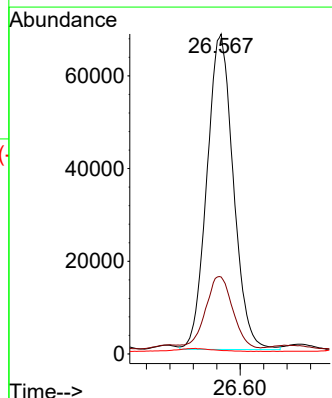
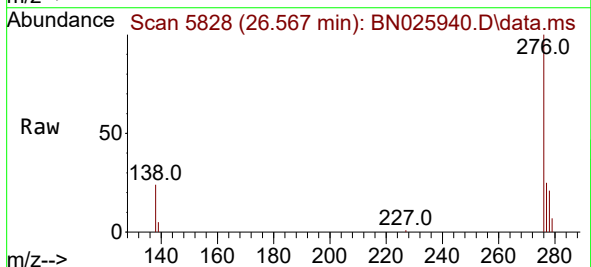
Tgt Ion:276 Resp: 212939

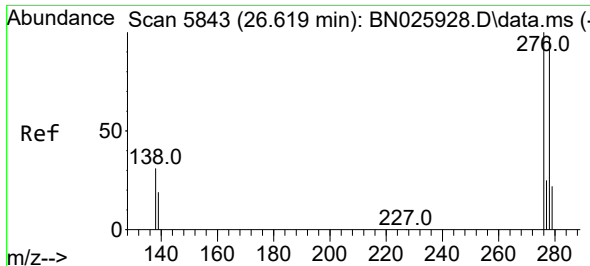
Ion Ratio Lower Upper

276 100

138 23.7 24.5 36.7#

227 0.0 0.0 0.0

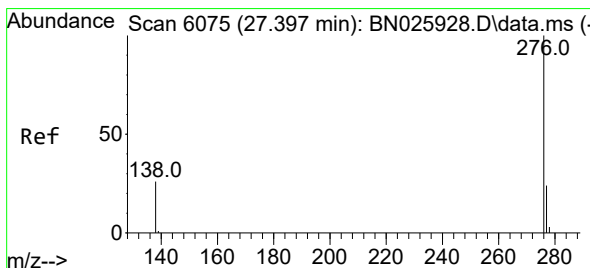
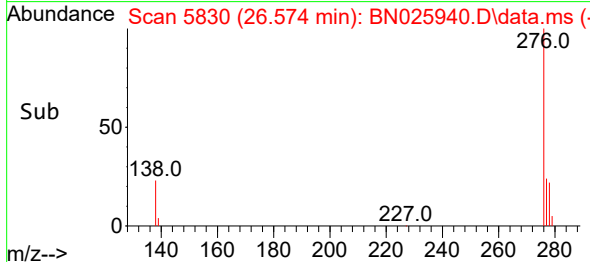
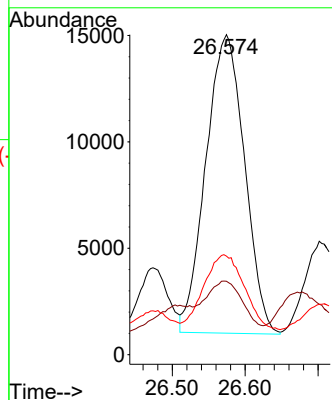
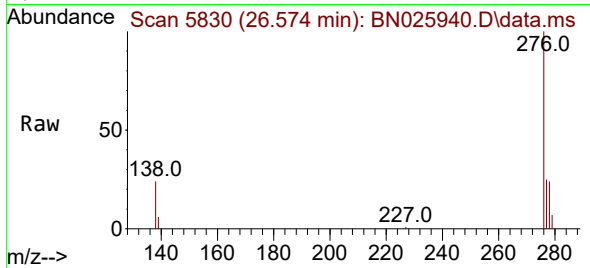




#28
Dibenzo(a,h)anthracene
Concen: 0.935 ng/ul
RT: 26.574 min Scan# 51
Delta R.T. -0.047 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Instrument :
BNA_N
ClientSampleId :
DCFL4

Tgt Ion:278 Resp: 51738
Ion Ratio Lower Upper
278 100
139 23.0 19.0 28.4
279 30.8 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 3.092 ng/ul
RT: 27.362 min Scan# 6065
Delta R.T. -0.024 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:276 Resp: 201006
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 24.2 20.0 30.0

