

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026187.D
 Acq On : 02 Jul 2023 13:55
 Operator : MA/JU
 Sample : 03247-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL5

Quant Time: Jul 03 05:40:03 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

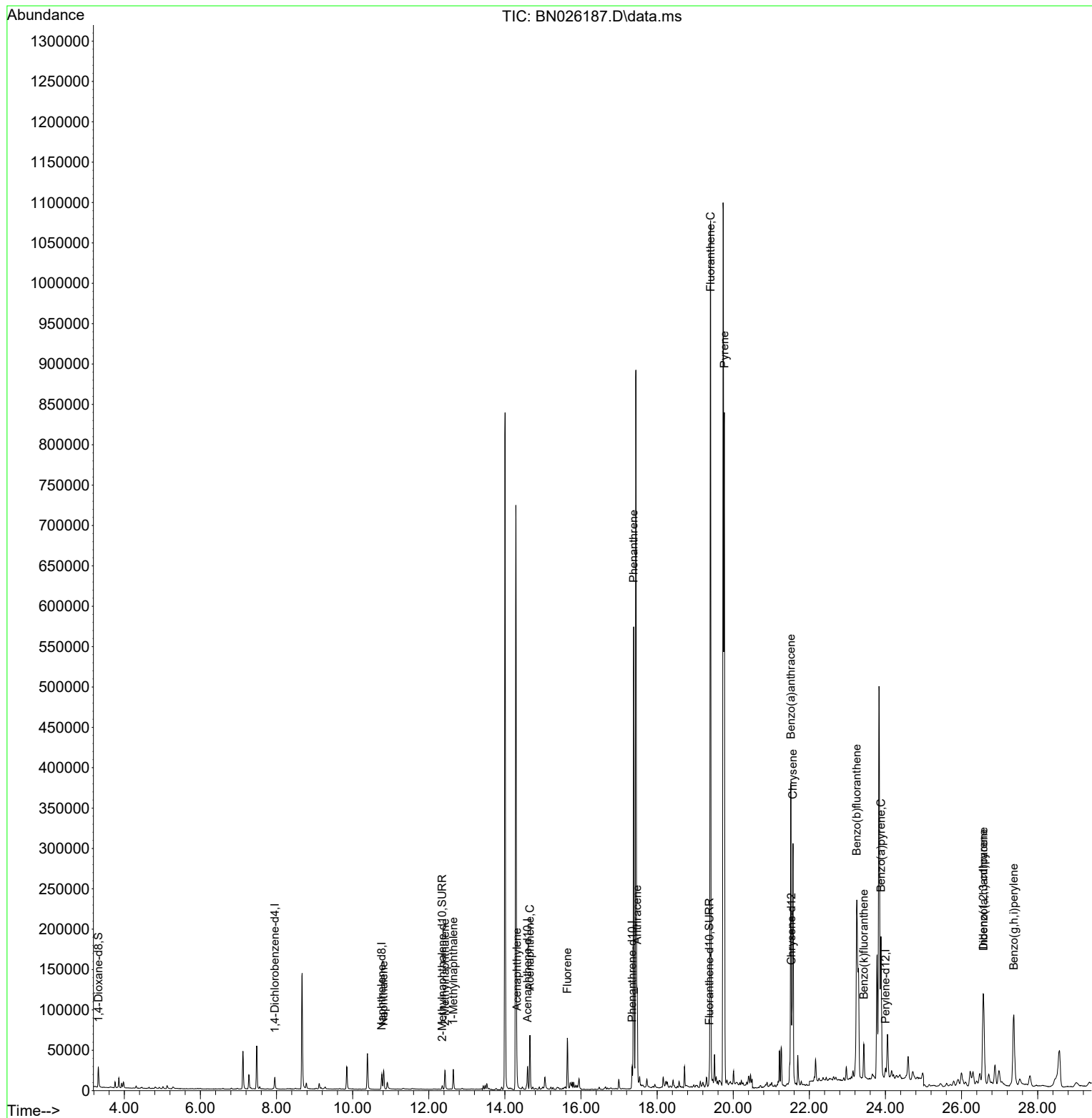
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8266	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	26515	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	15965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	32657	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	17226	0.400	ng/ul	#-0.01
23) Perylene-d12	24.001	264	16360	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	17350	1.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	6261	0.154	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	13025	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	33936	0.447	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	17712	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	17587	0.351	ng/ul	99
10) Acenaphthylene	14.315	152	13098	0.175	ng/ul#	93
11) Acenaphthene	14.658	153	39387	0.644	ng/ul	99
12) Fluorene	15.643	166	40703	0.581	ng/ul	98
15) Phenanthrene	17.384	178	616098	5.712	ng/ul	99
16) Anthracene	17.477	178	117449	1.225	ng/ul	100
19) Fluoranthene	19.404	202	917278	9.970	ng/ul	99
20) Pyrene	19.767	202	720591	7.530	ng/ul	95
21) Benzo(a)anthracene	21.513	228	326192	4.590	ng/ul	99
22) Chrysene	21.569	228	327038	4.423	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	586055	8.393	ng/ul	90
25) Benzo(k)fluoranthene	23.431	252	37438	0.534	ng/ul	93
26) Benzo(a)pyrene	23.884	252	277278	4.572	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.570	276	213458	3.222	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.577	278	53662	1.070	ng/ul	100
29) Benzo(g,h,i)perylene	27.372	276	203757	3.458	ng/ul	94

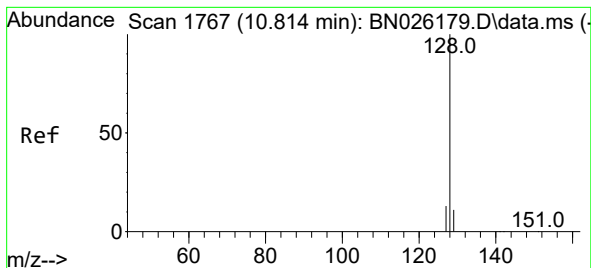
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.447 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

Instrument :

BNA_N

ClientSampleId :

DCGL5

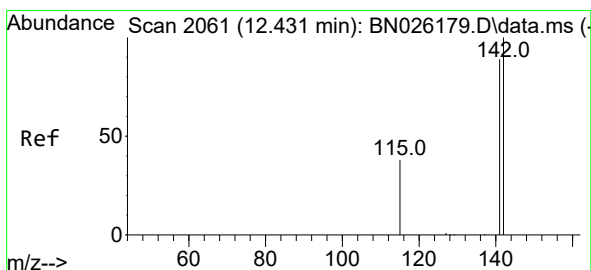
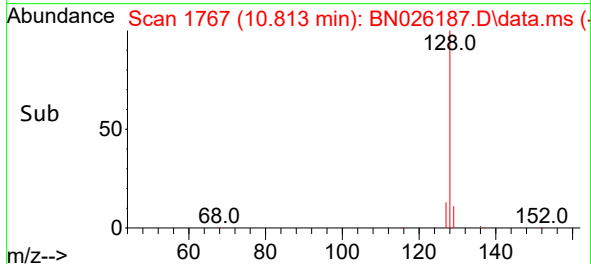
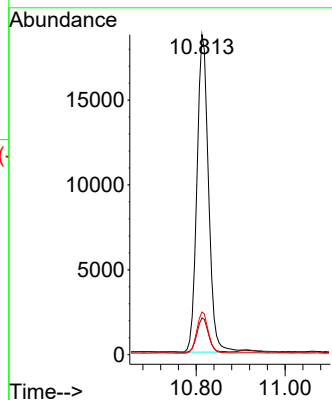
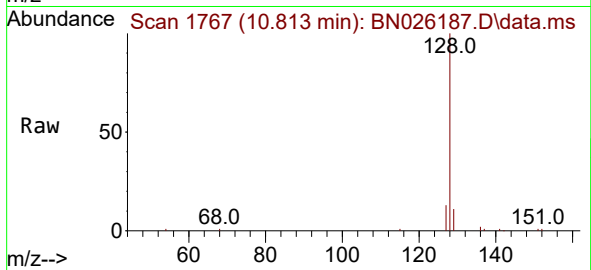
Tgt Ion:128 Resp: 33936

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.366 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026187.D

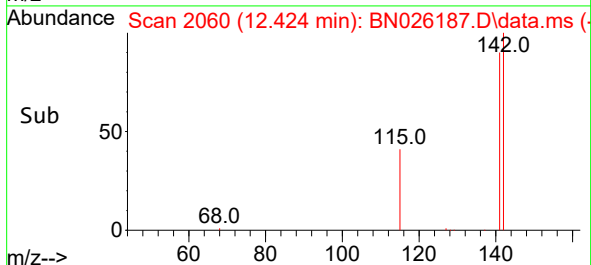
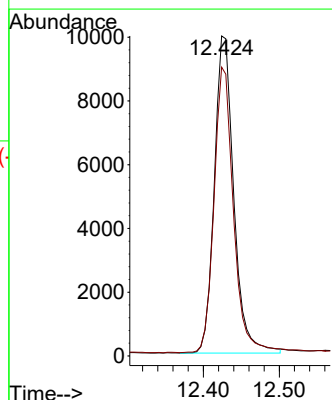
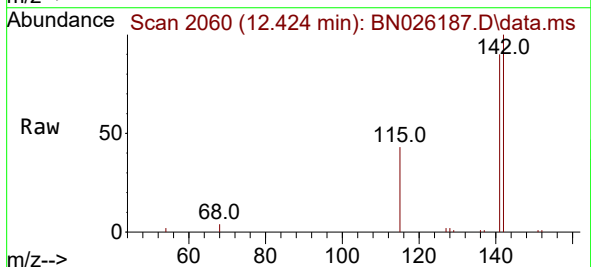
Acq: 02 Jul 2023 13:55

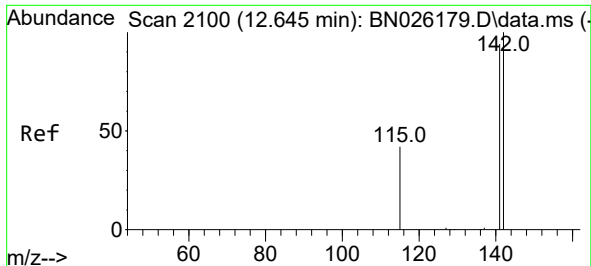
Tgt Ion:142 Resp: 17712

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

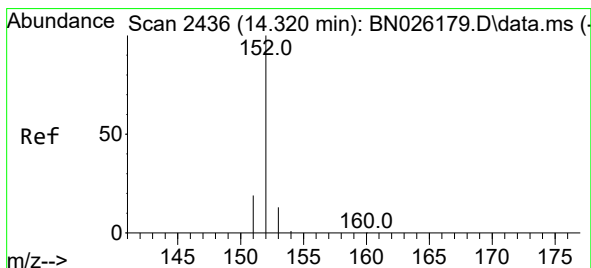
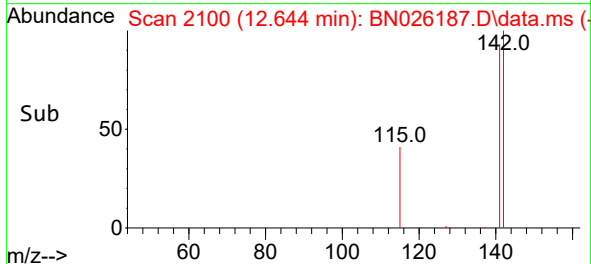
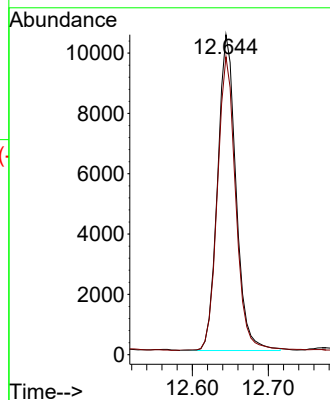
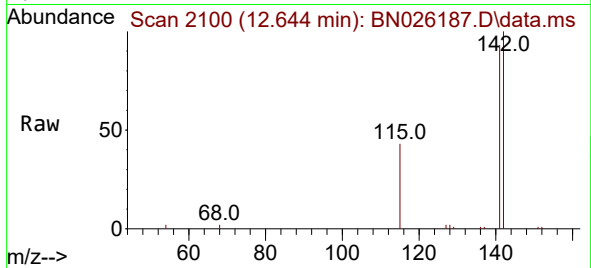




#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

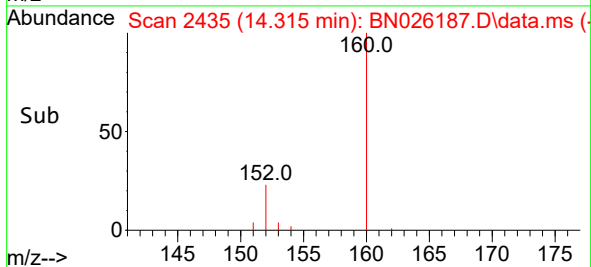
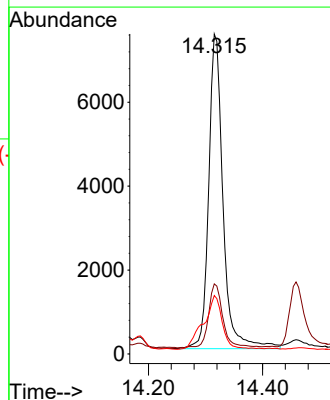
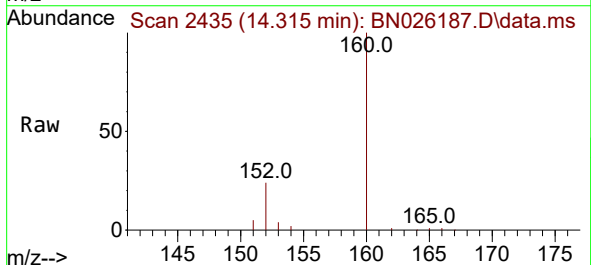
Instrument :
BNA_N
ClientSampleId :
DCGL5

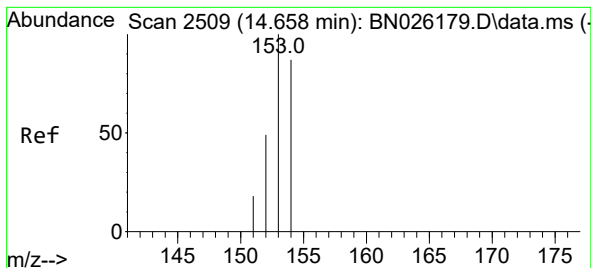
Tgt Ion:142 Resp: 17587
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.175 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Tgt Ion:152 Resp: 13098
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 18.2 10.9 16.3#





#11

Acenaphthene

Concen: 0.644 ng/ul

RT: 14.658 min Scan# 21

Delta R.T. -0.010 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

Instrument :

BNA_N

ClientSampleId :

DCGL5

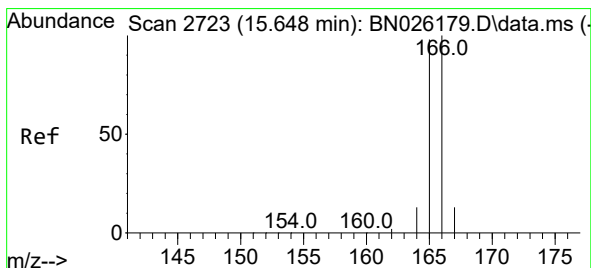
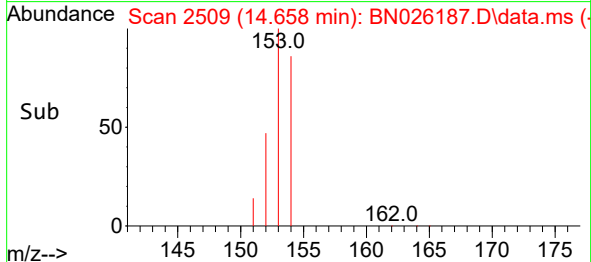
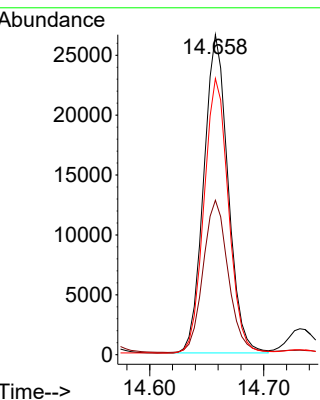
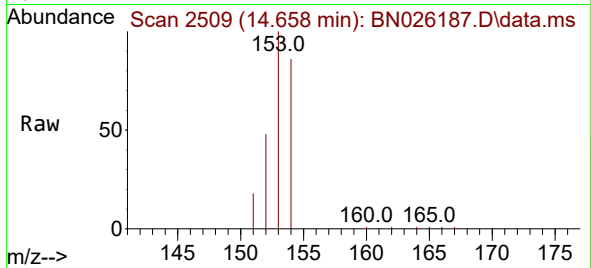
Tgt Ion:153 Resp: 39387

Ion Ratio Lower Upper

153 100

152 48.2 39.4 59.0

154 86.3 68.9 103.3



#12

Fluorene

Concen: 0.581 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

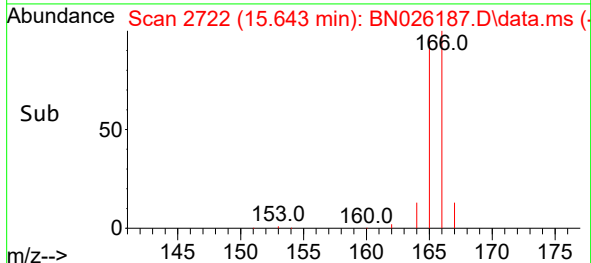
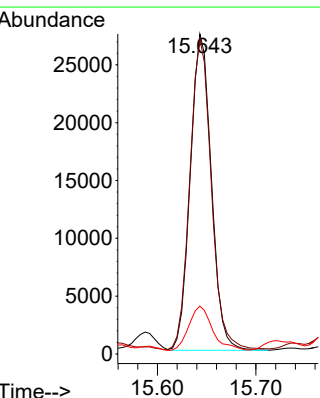
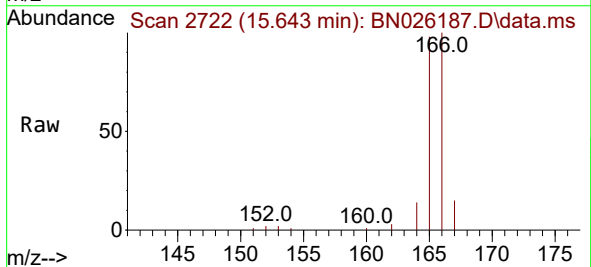
Tgt Ion:166 Resp: 40703

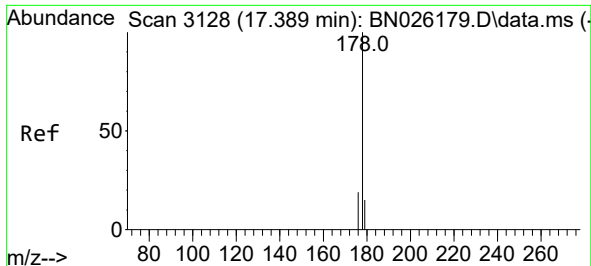
Ion Ratio Lower Upper

166 100

165 98.4 79.9 119.9

167 15.0 10.8 16.2

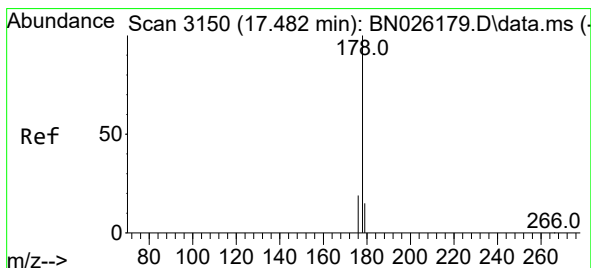
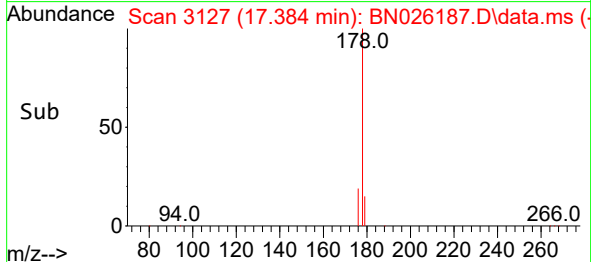
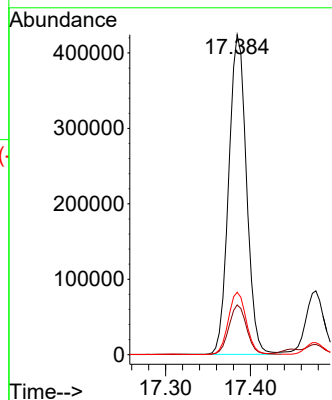
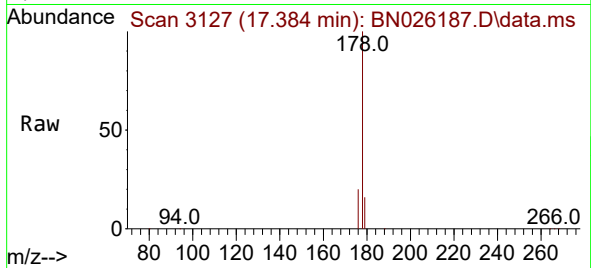




#15
Phenanthrene
Concen: 5.712 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

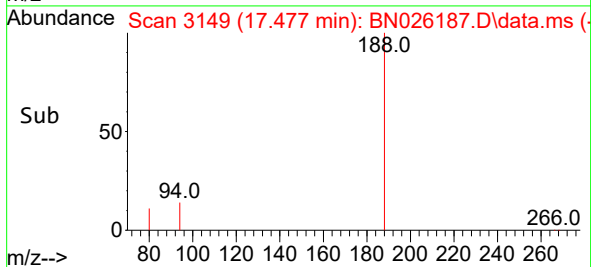
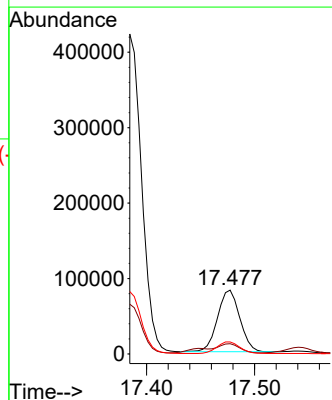
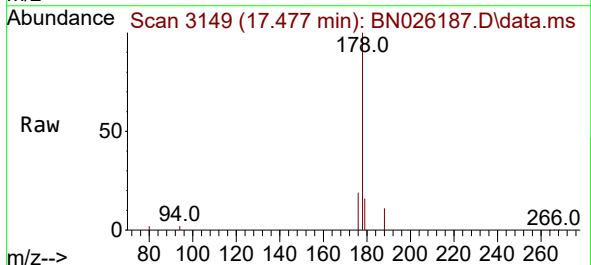
Instrument :
BNA_N
ClientSampleId :
DCGL5

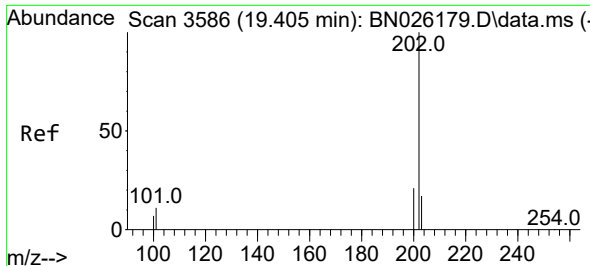
Tgt Ion:178 Resp: 616098
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 1.225 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Tgt Ion:178 Resp: 117449
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 18.7 15.1 22.7

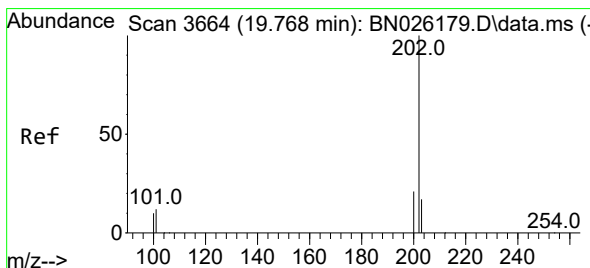
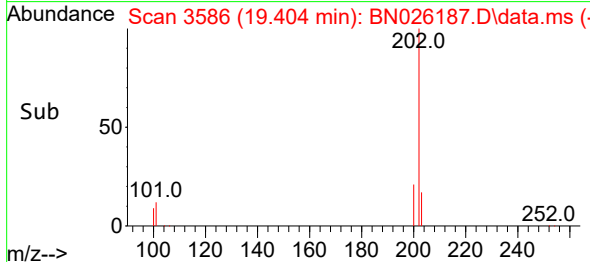
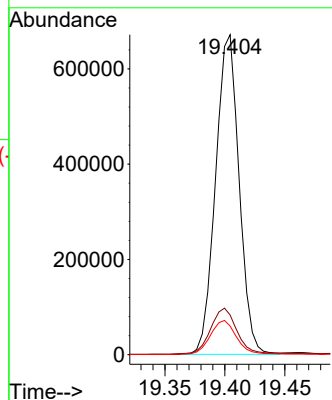
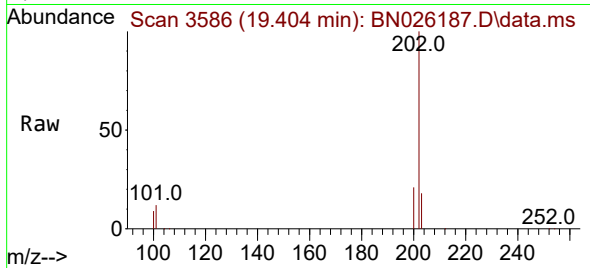




#19
Fluoranthene
Concen: 9.970 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

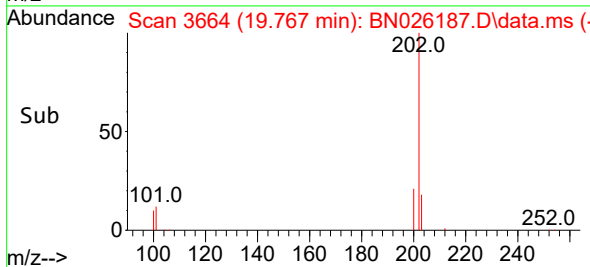
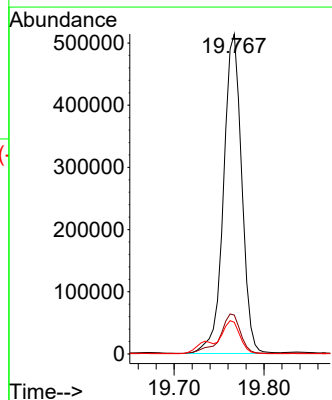
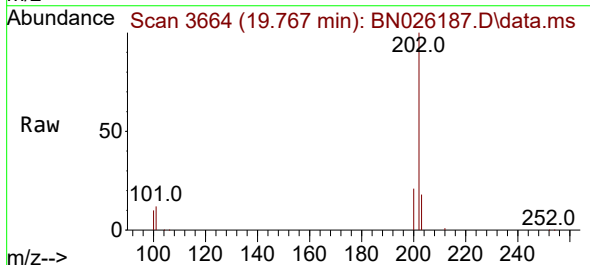
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BNA_N
ClientSampleId :
DCGL5

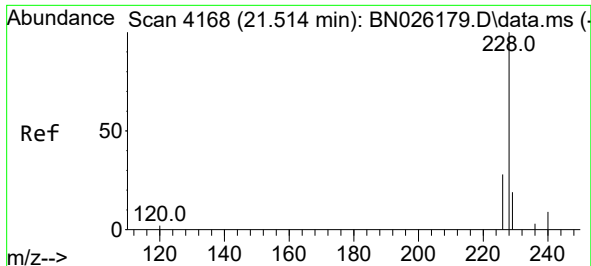
Tgt Ion:202 Resp: 917278
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 7.530 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

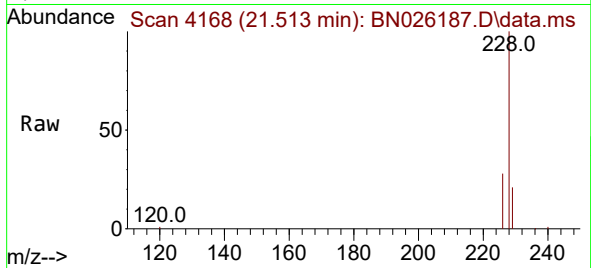
Tgt Ion:202 Resp: 720591
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.9 9.1 13.7



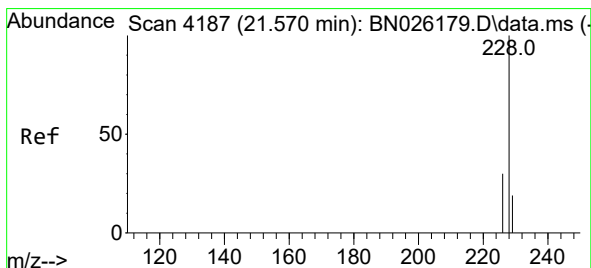
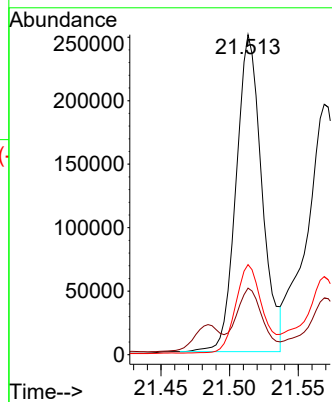
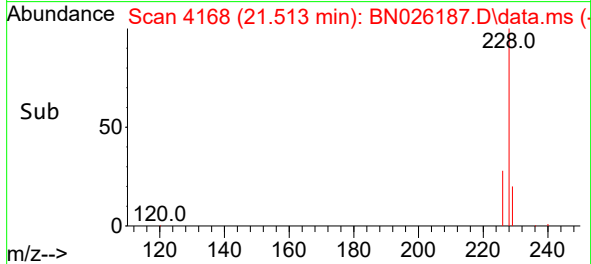


#21
Benzo(a)anthracene
Concen: 4.590 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.013 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Instrument :
BNA_N
ClientSampleId :
DCGL5

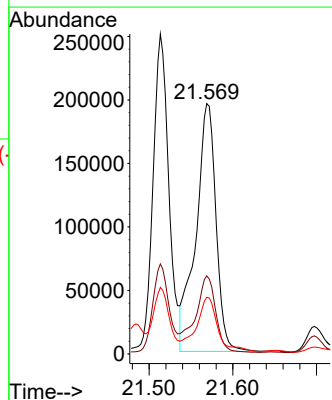
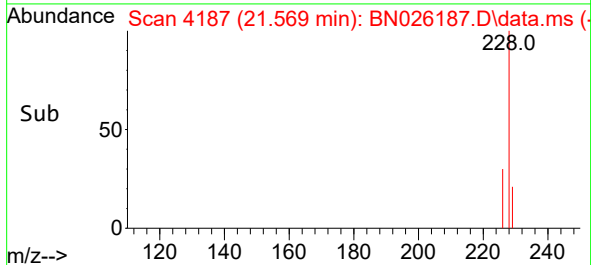
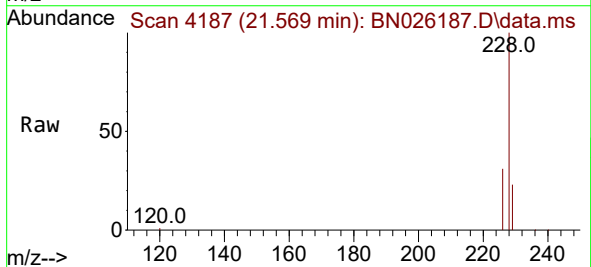


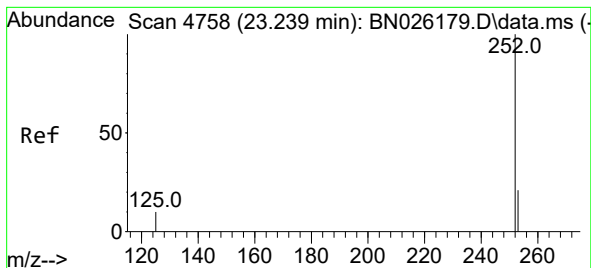
Tgt Ion:228 Resp: 326192
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 4.423 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Tgt Ion:228 Resp: 327038
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 8.393 ng/ul

RT: 23.247 min Scan# 41

Delta R.T. 0.004 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

Instrument :

BNA_N

ClientSampleId :

DCGL5

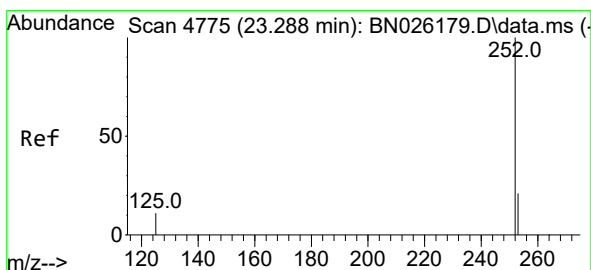
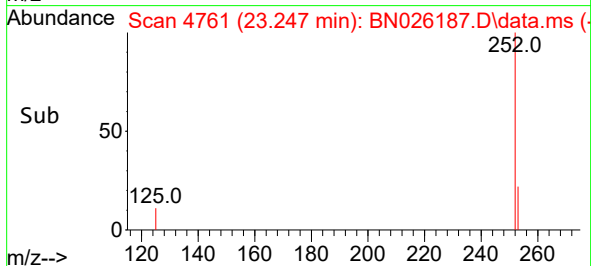
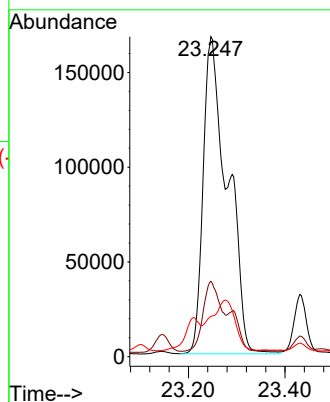
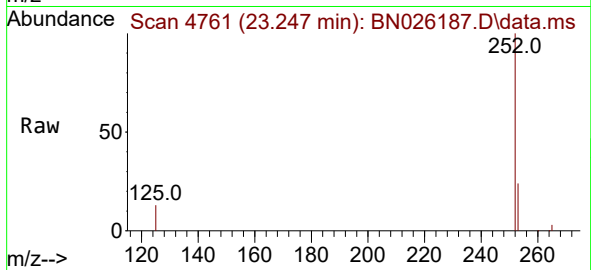
Tgt Ion:252 Resp: 586055

Ion Ratio Lower Upper

252 100

253 23.5 0.0 55.6

125 12.6 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.534 ng/ul

RT: 23.431 min Scan# 4824

Delta R.T. 0.139 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

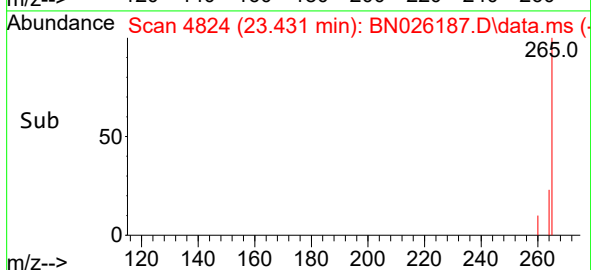
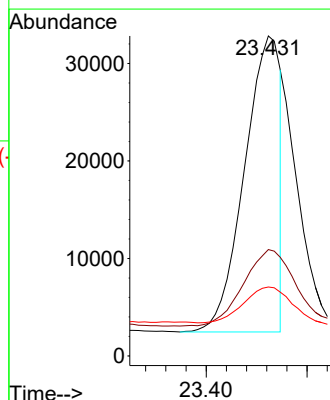
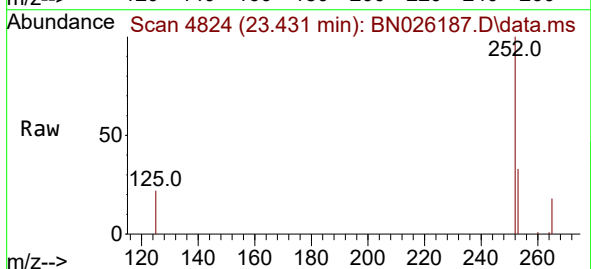
Tgt Ion:252 Resp: 37438

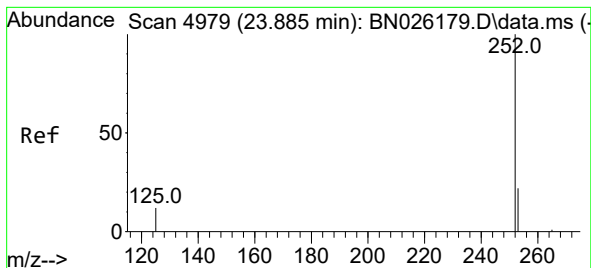
Ion Ratio Lower Upper

252 100

253 33.2 23.2 34.8

125 21.5 15.0 22.4





#26

Benzo(a)pyrene

Concen: 4.572 ng/ul

RT: 23.884 min Scan# 4979

Delta R.T. -0.002 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

Instrument :

BNA_N

ClientSampleId :

DCGL5

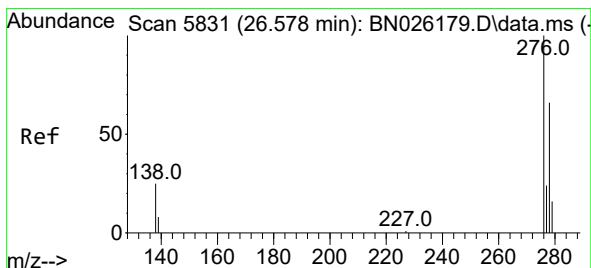
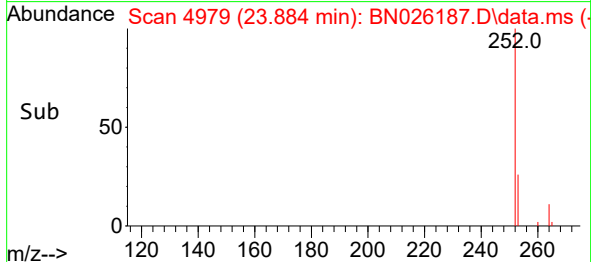
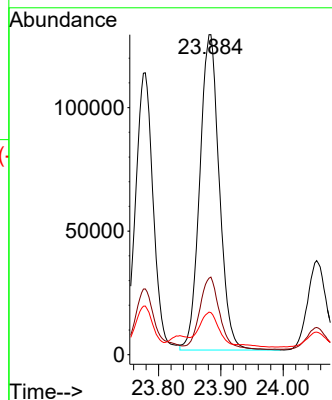
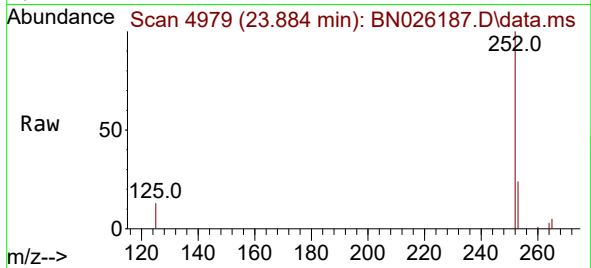
Tgt Ion:252 Resp: 277278

Ion Ratio Lower Upper

252 100

253 24.3 26.0 39.0#

125 13.1 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.222 ng/ul

RT: 26.570 min Scan# 5829

Delta R.T. 0.012 min

Lab File: BN026187.D

Acq: 02 Jul 2023 13:55

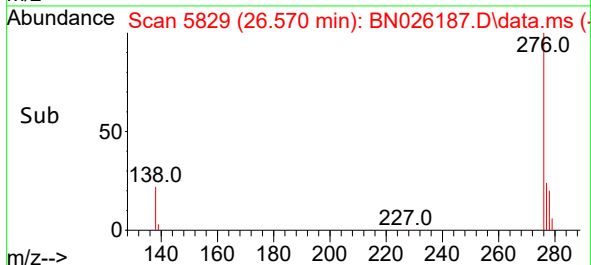
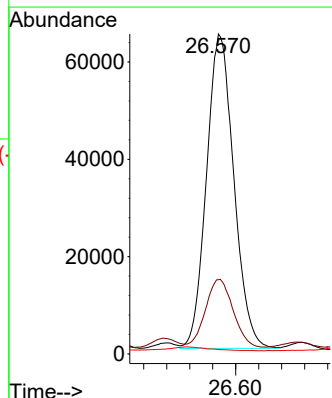
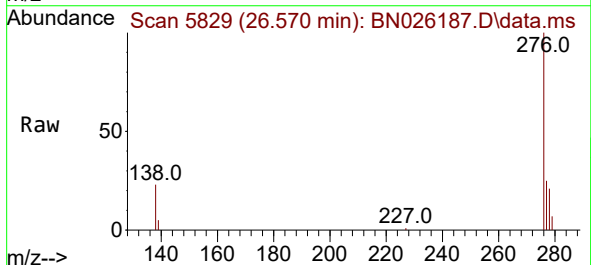
Tgt Ion:276 Resp: 213458

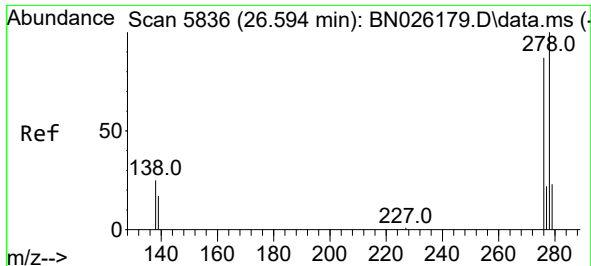
Ion Ratio Lower Upper

276 100

138 21.6 24.5 36.7#

227 0.0 0.0 0.0

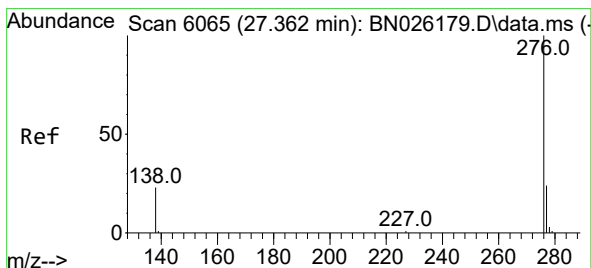
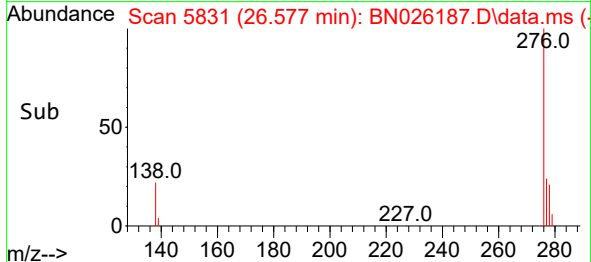
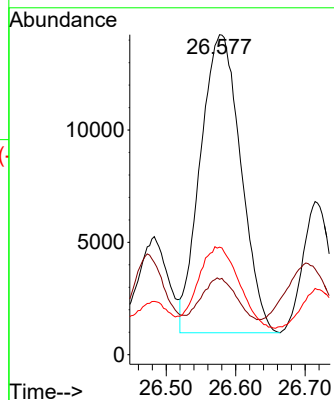
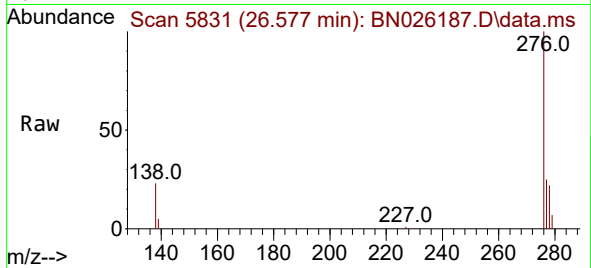




#28
Dibenzo(a,h)anthracene
Concen: 1.070 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.002 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Instrument :
BNA_N
ClientSampleId :
DCGL5

Tgt Ion:278 Resp: 53662
Ion Ratio Lower Upper
278 100
139 23.6 19.0 28.4
279 33.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 3.458 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. 0.025 min
Lab File: BN026187.D
Acq: 02 Jul 2023 13:55

Tgt Ion:276 Resp: 203757
Ion Ratio Lower Upper
276 100
138 24.1 23.4 35.0
277 24.3 20.0 30.0

