

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026205.D
 Acq On : 03 Jul 2023 01:33
 Operator : MA/JU
 Sample : 03244-11
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF0

Quant Time: Jul 03 06:28:49 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

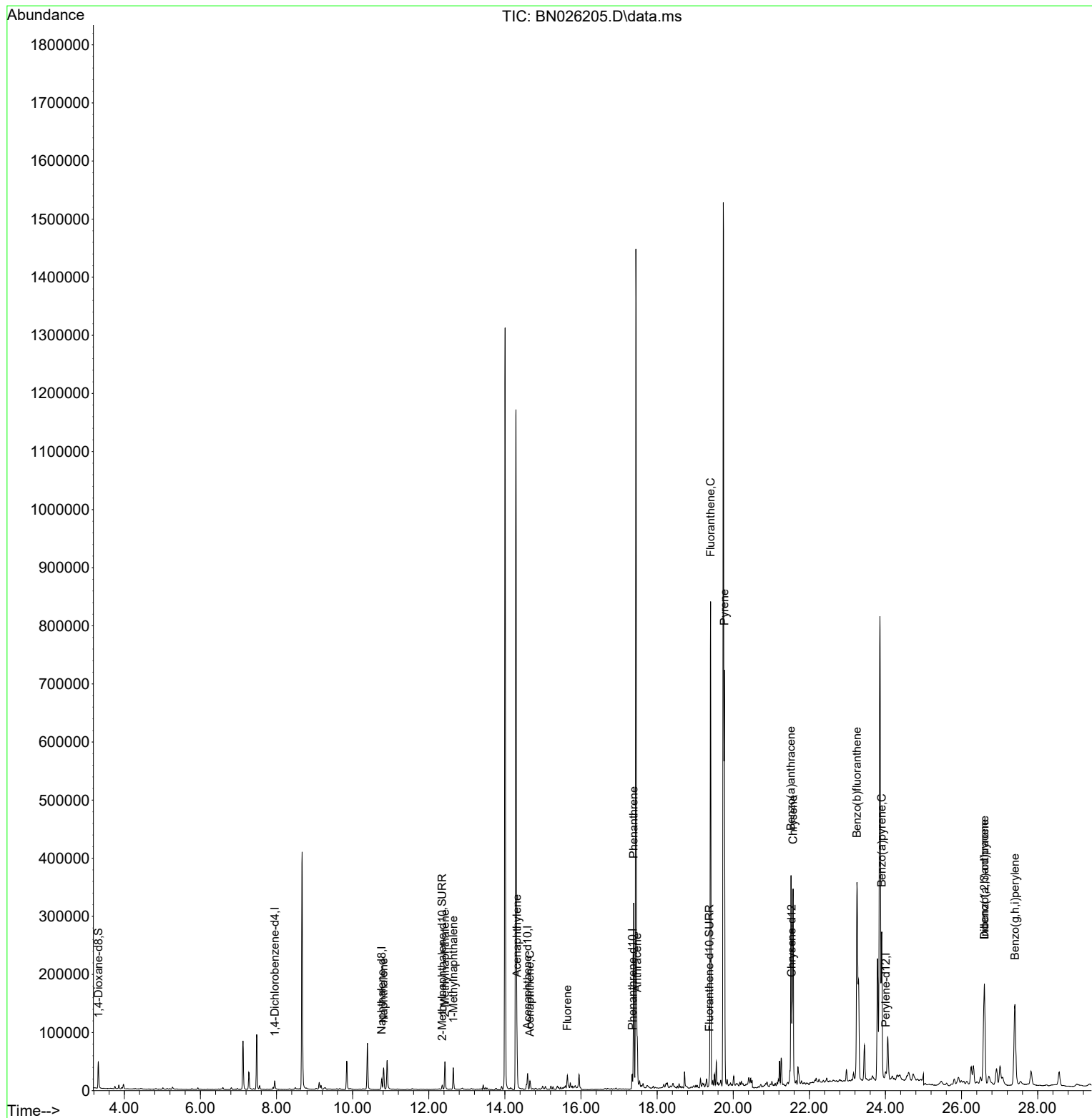
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8202	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.763	136	25296	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.598	164	15335	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	29574	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	15520	0.400	ng/ul	# 0.00
23) Perylene-d12	24.007	264	16820	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	31242	3.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	10199	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	18818	0.319	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.813	128	50936	0.703	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	35280	0.764	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	26336	0.551	ng/ul	99
10) Acenaphthylene	14.315	152	76376	1.064	ng/ul	99
11) Acenaphthene	14.658	153	9391	0.160	ng/ul	98
12) Fluorene	15.643	166	14520	0.216	ng/ul#	94
15) Phenanthrene	17.384	178	351788	3.601	ng/ul	99
16) Anthracene	17.477	178	75014	0.864	ng/ul	99
19) Fluoranthene	19.404	202	725740	8.755	ng/ul	97
20) Pyrene	19.767	202	589765	6.840	ng/ul	97
21) Benzo(a)anthracene	21.519	228	315840	4.933	ng/ul	96
22) Chrysene	21.572	228	365111	5.481	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	779314	10.855	ng/ul	89
26) Benzo(a)pyrene	23.902	252	360958	5.789	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.600	276	291962	4.287	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.600	278	75269	1.460	ng/ul	99
29) Benzo(g,h,i)perylene	27.402	276	310991	5.133	ng/ul	94

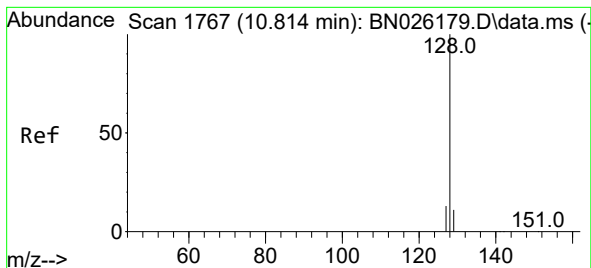
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.703 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026205.D

Acq: 03 Jul 2023 01:33

Instrument :

BNA_N

ClientSampleId :

DCGF0

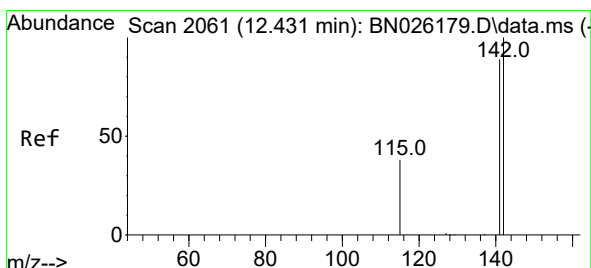
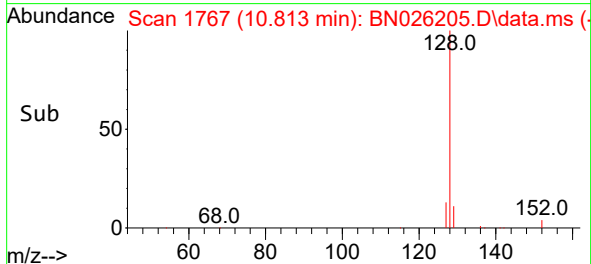
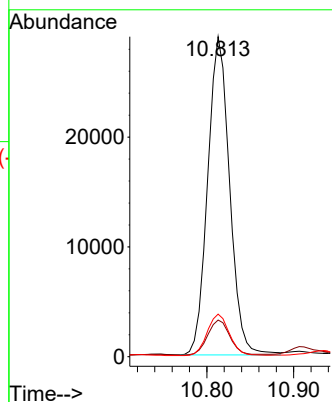
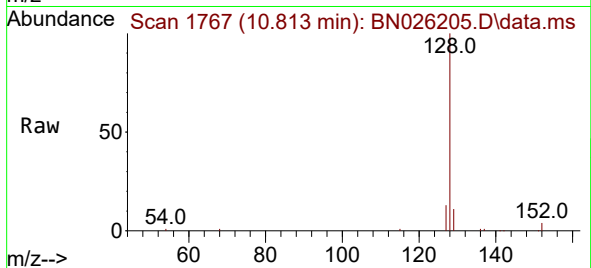
Tgt Ion:128 Resp: 50936

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.764 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026205.D

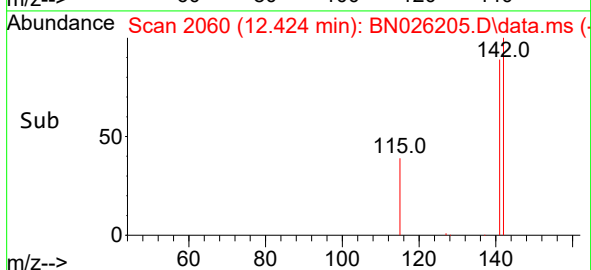
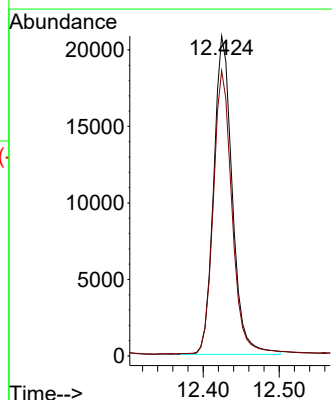
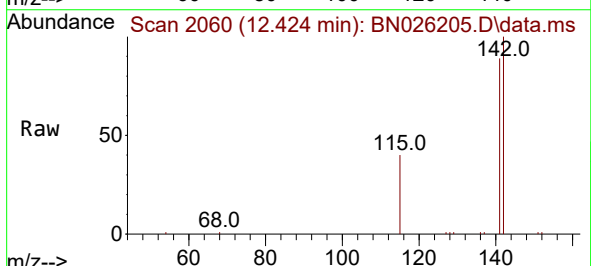
Acq: 03 Jul 2023 01:33

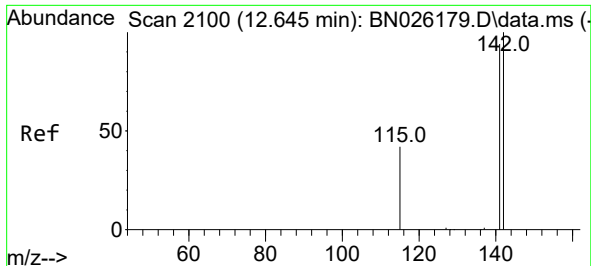
Tgt Ion:142 Resp: 35280

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

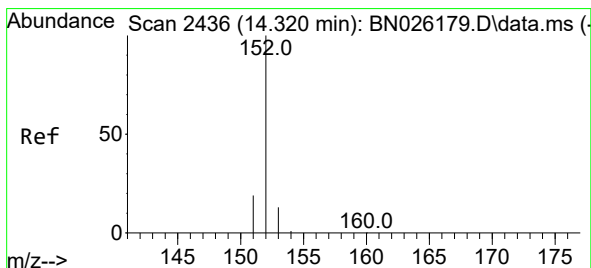
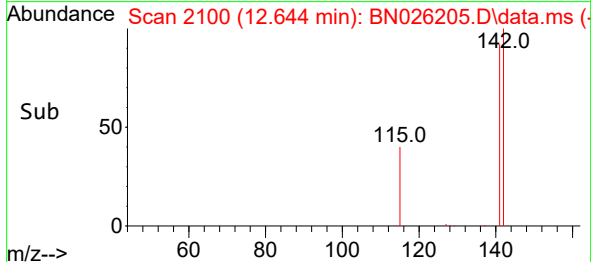
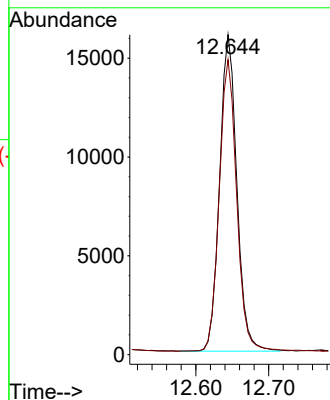
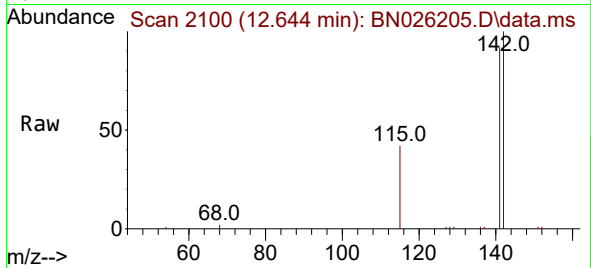




#8
1-Methylnaphthalene
Concen: 0.551 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

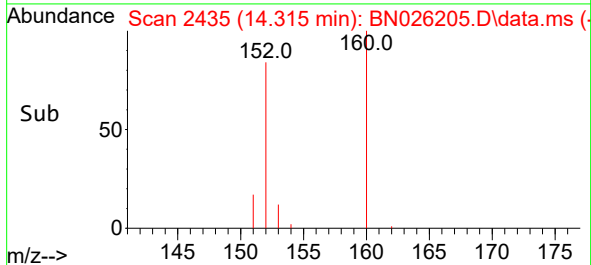
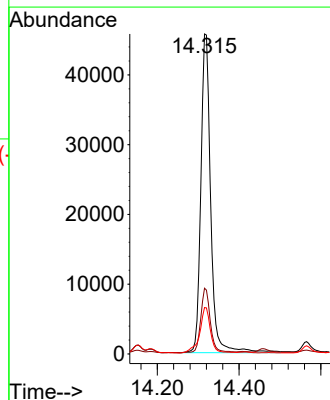
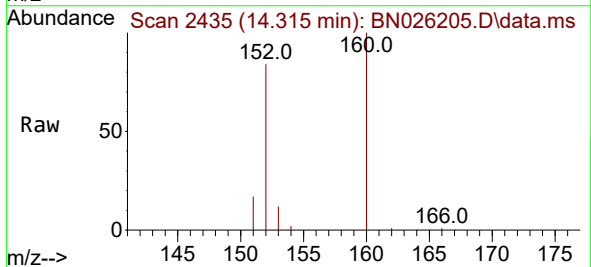
Instrument :
BNA_N
ClientSampleId :
DCGF0

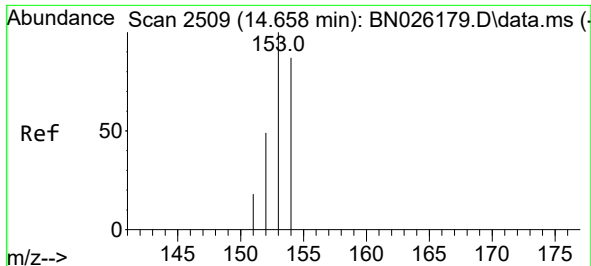
Tgt Ion:142 Resp: 26336
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4



#10
Acenaphthylene
Concen: 1.064 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

Tgt Ion:152 Resp: 76376
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.5 10.9 16.3

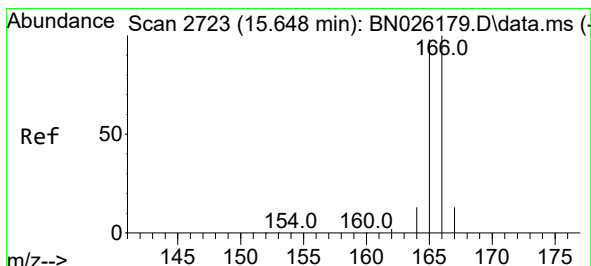
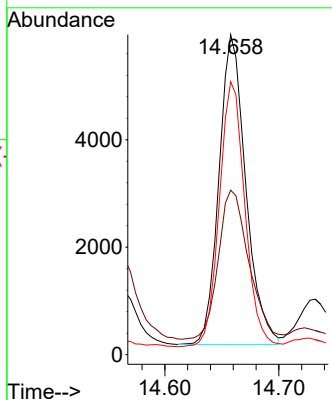
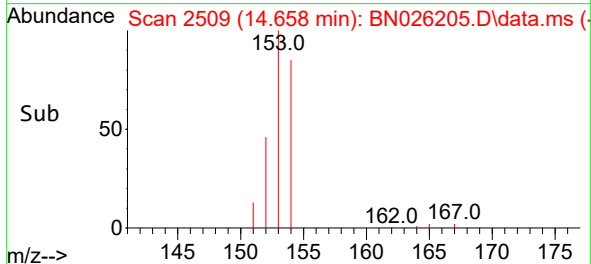
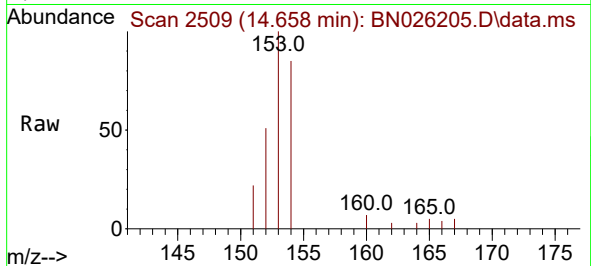




#11
Acenaphthene
Concen: 0.160 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

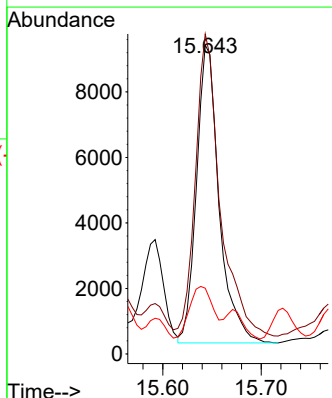
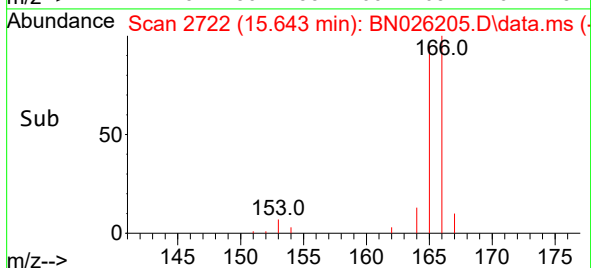
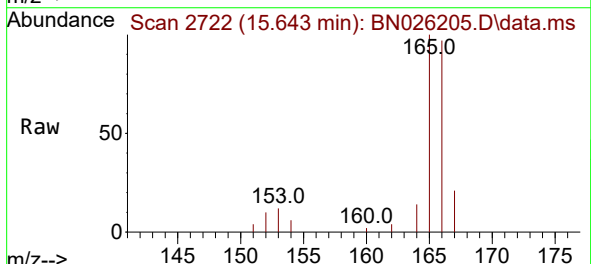
Instrument :
BNA_N
ClientSampleId :
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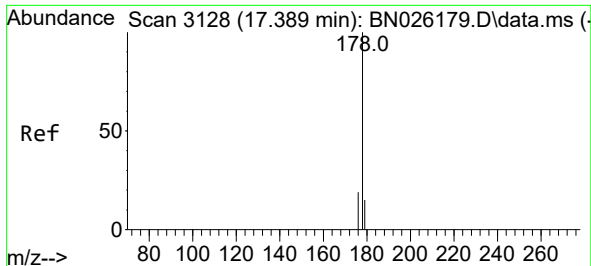
Tgt Ion:153 Resp: 9391
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 85.3 68.9 103.3



#12
Fluorene
Concen: 0.216 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

Tgt Ion:166 Resp: 14520
Ion Ratio Lower Upper
166 100
165 103.6 79.9 119.9
167 21.3 10.8 16.2#

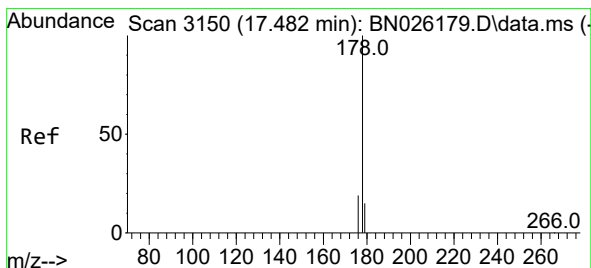
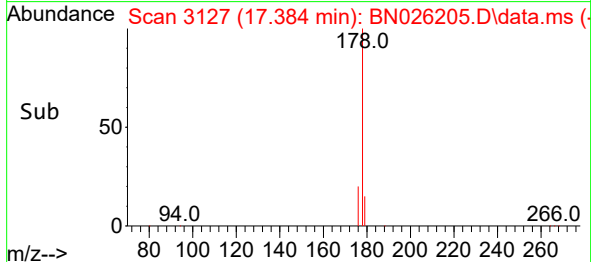
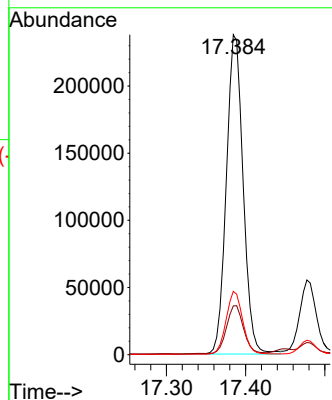
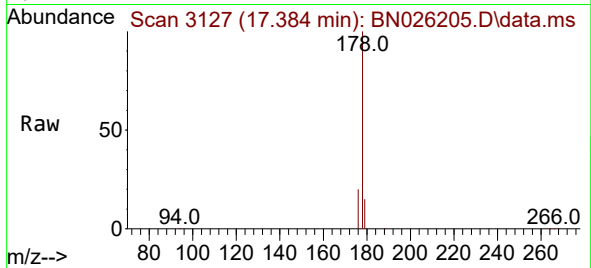




#15
Phenanthrene
Concen: 3.601 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

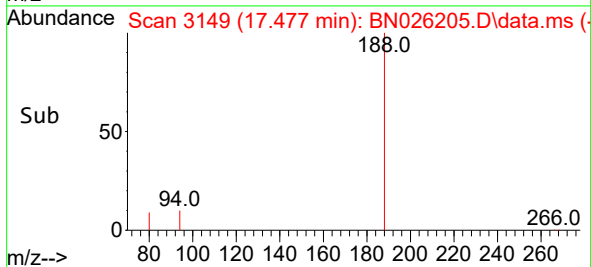
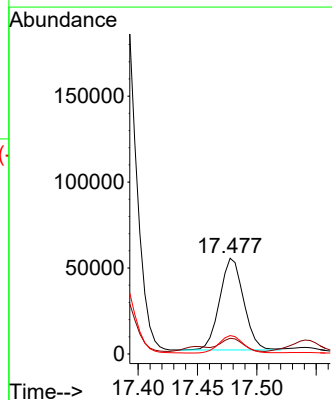
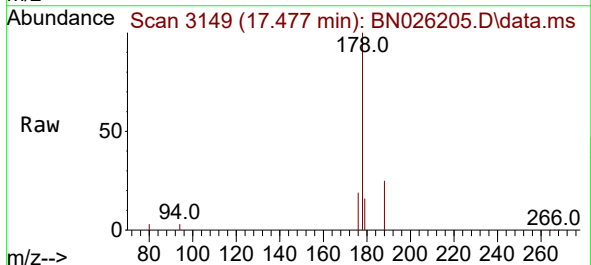
Instrument :
BNA_N
ClientSampleId :
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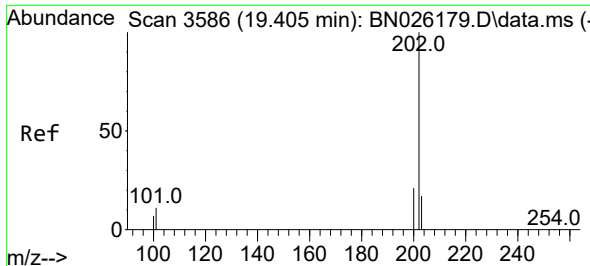
Tgt Ion:178 Resp: 351788
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.864 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

Tgt Ion:178 Resp: 75014
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.3 15.1 22.7

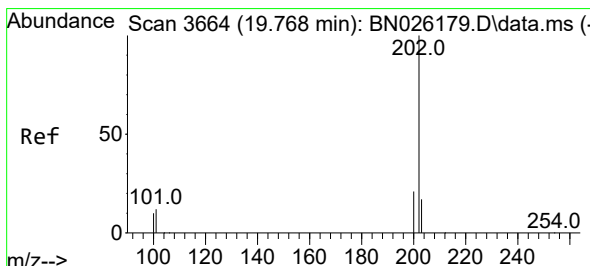
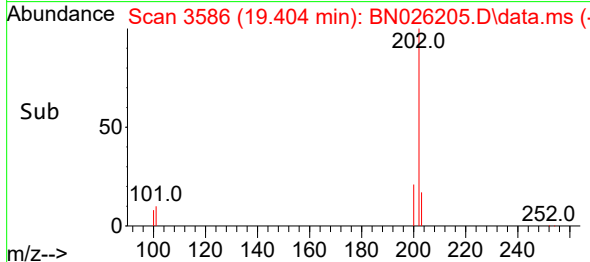
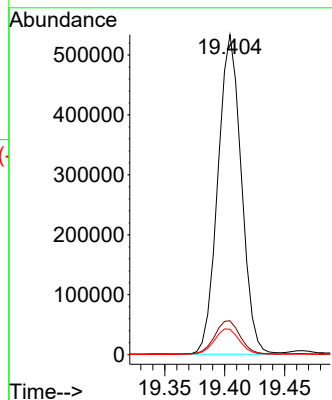
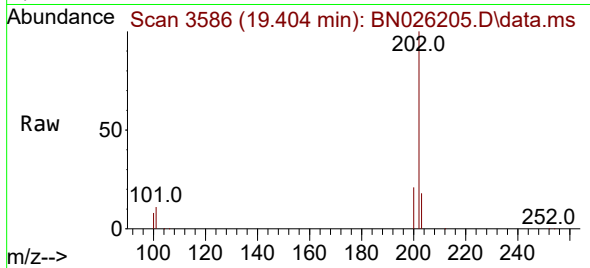




#19
Fluoranthene
Concen: 8.755 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

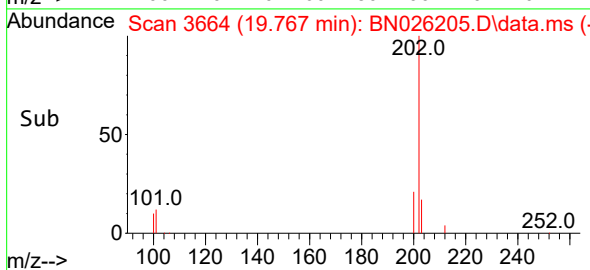
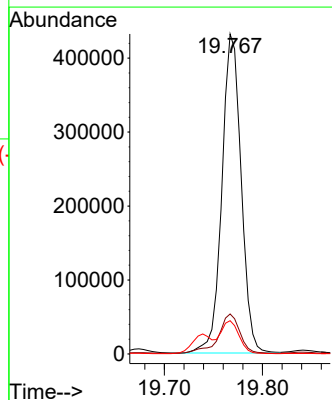
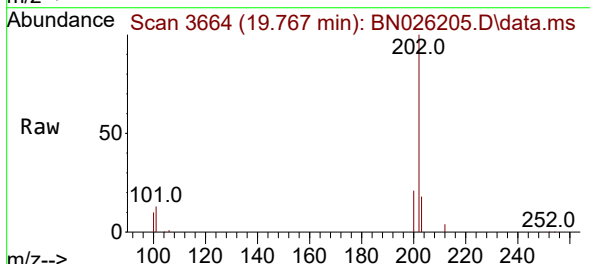
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ClientSampleId :
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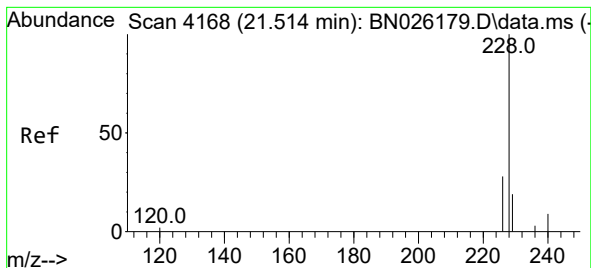
Tgt Ion:202 Resp: 725740
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 6.840 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

Tgt Ion:202 Resp: 589765
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.4 9.1 13.7





#21

Benzo(a)anthracene

Concen: 4.933 ng/ul

RT: 21.519 min Scan# 4168

Delta R.T. -0.007 min

Lab File: BN026205.D

Acq: 03 Jul 2023 01:33

Instrument :

BNA_N

ClientSampleId :

DCGF0

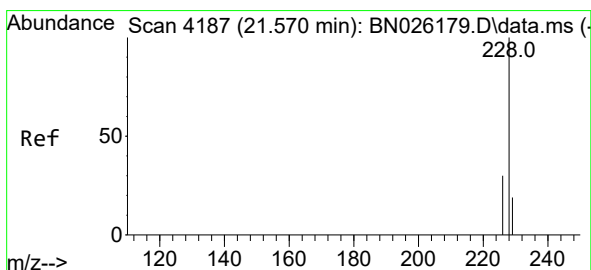
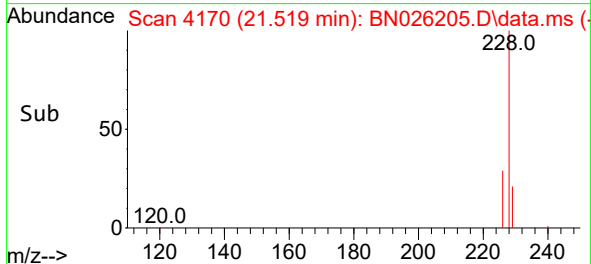
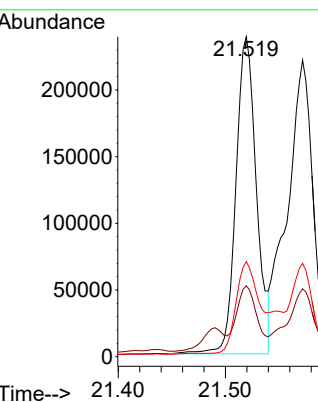
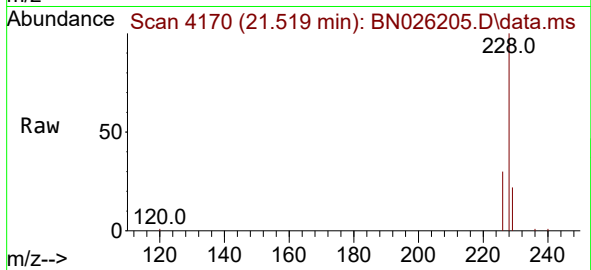
Tgt Ion:228 Resp: 315840

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 29.7 22.5 33.7



#22

Chrysene

Concen: 5.481 ng/ul

RT: 21.572 min Scan# 4188

Delta R.T. -0.007 min

Lab File: BN026205.D

Acq: 03 Jul 2023 01:33

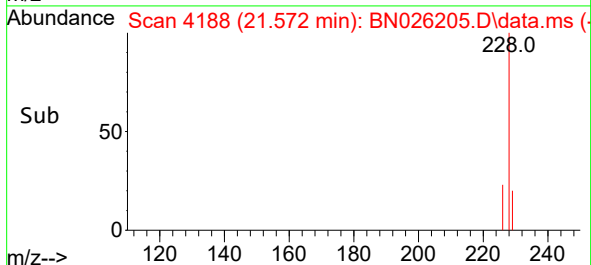
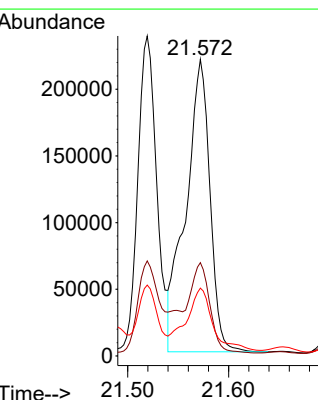
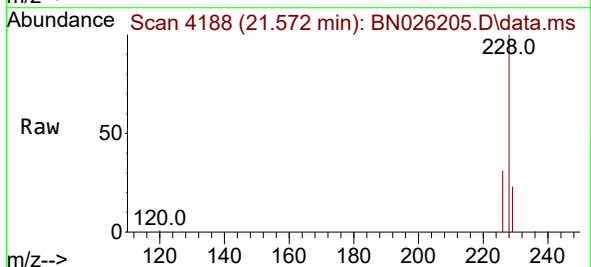
Tgt Ion:228 Resp: 365111

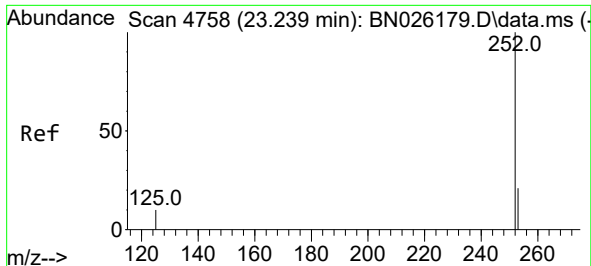
Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

229 22.9 15.7 23.5

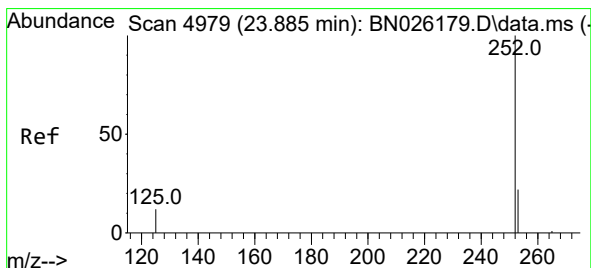
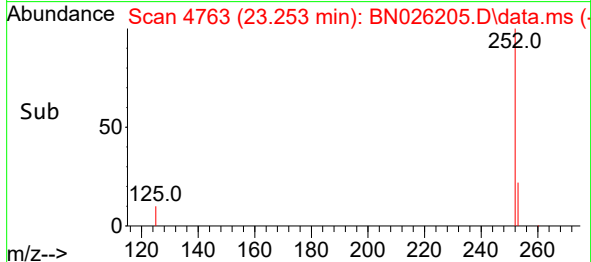
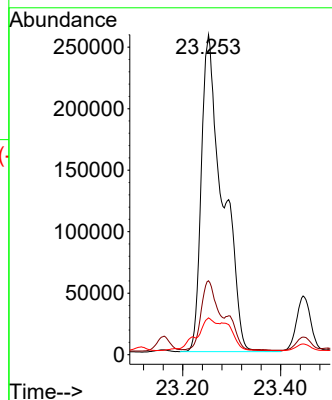
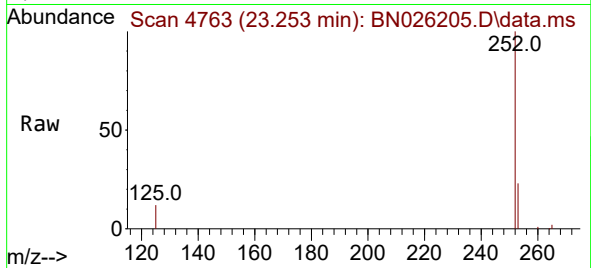




#24
Benzo(b)fluoranthene
Concen: 10.855 ng/ul
RT: 23.253 min Scan# 41
Delta R.T. 0.010 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

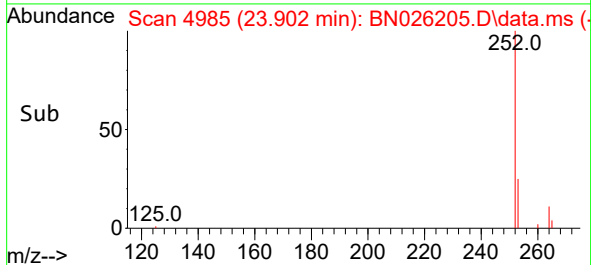
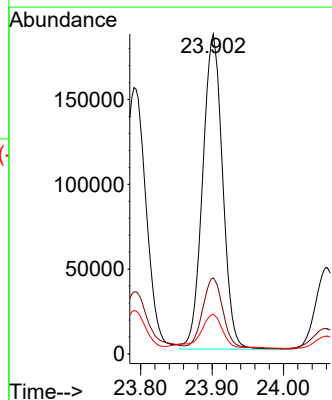
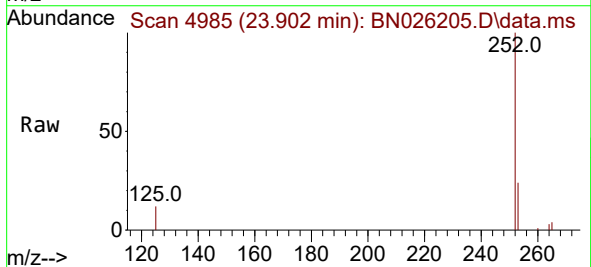
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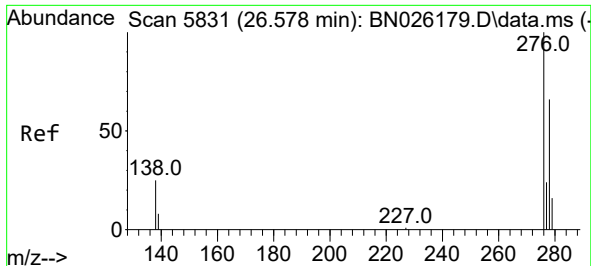
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Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 11.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 5.789 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. 0.016 min
Lab File: BN026205.D
Acq: 03 Jul 2023 01:33

Tgt Ion:252 Resp: 360958
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0#
125 12.4 17.3 25.9#

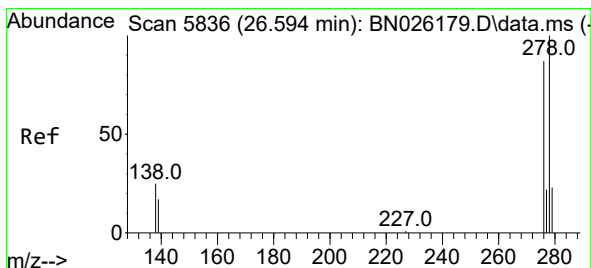
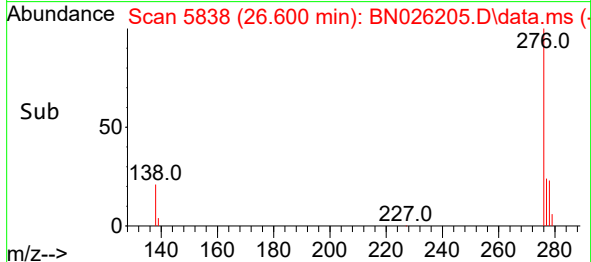
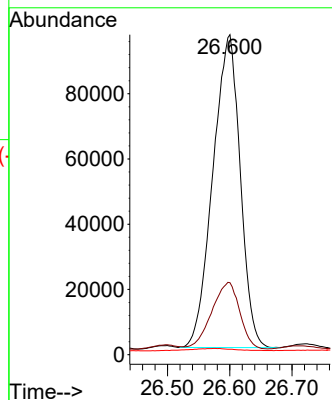
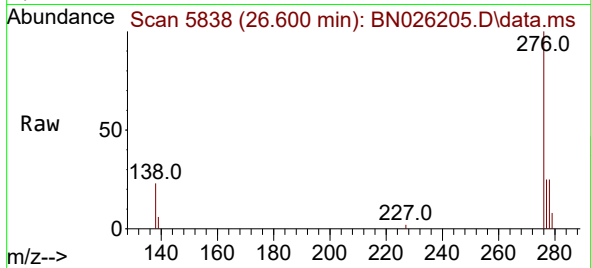




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.287 ng/ul
 RT: 26.600 min Scan# 5838
 Delta R.T. 0.042 min
 Lab File: BN026205.D
 Acq: 03 Jul 2023 01:33

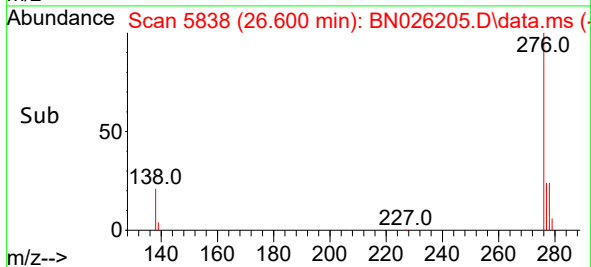
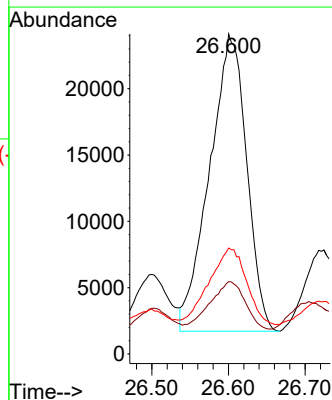
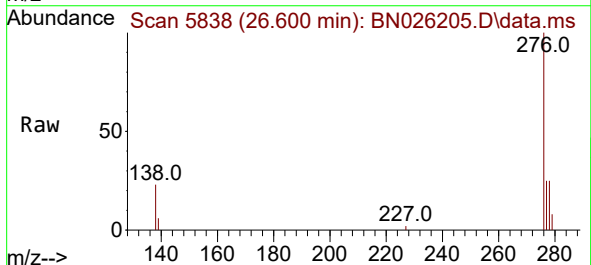
Instrument :
 BNA_N
 ClientSampleId :
 DCGF0

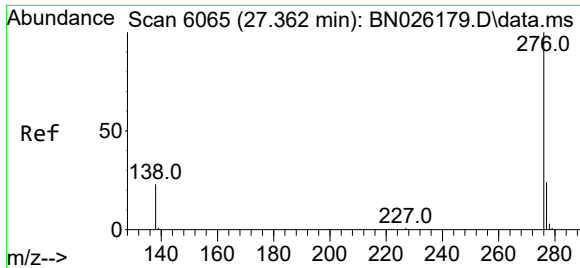
Tgt Ion:276 Resp: 291962
 Ion Ratio Lower Upper
 276 100
 138 21.9 24.5 36.7#
 227 1.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.460 ng/ul
 RT: 26.600 min Scan# 5838
 Delta R.T. 0.022 min
 Lab File: BN026205.D
 Acq: 03 Jul 2023 01:33

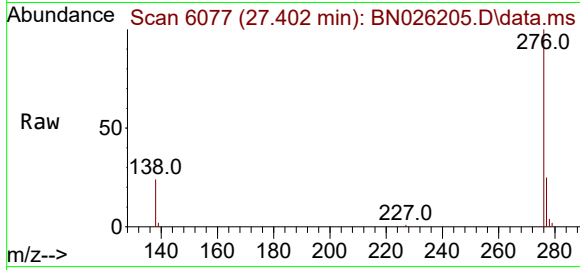
Tgt Ion:278 Resp: 75269
 Ion Ratio Lower Upper
 278 100
 139 22.6 19.0 28.4
 279 33.1 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 5.133 ng/ul
 RT: 27.402 min Scan# 6077
 Delta R.T. 0.056 min
 Lab File: BN026205.D
 Acq: 03 Jul 2023 01:33

Instrument :
 BNA_N
 ClientSampleId :
 DCGF0



Tgt Ion:276 Resp: 310991
 Ion Ratio Lower Upper
 276 100
 138 23.5 23.4 35.0
 277 24.6 20.0 30.0

