

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026210.D
 Acq On : 03 Jul 2023 04:35
 Operator : MA/JU
 Sample : 03244-16
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF5

Quant Time: Jul 03 06:29:42 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

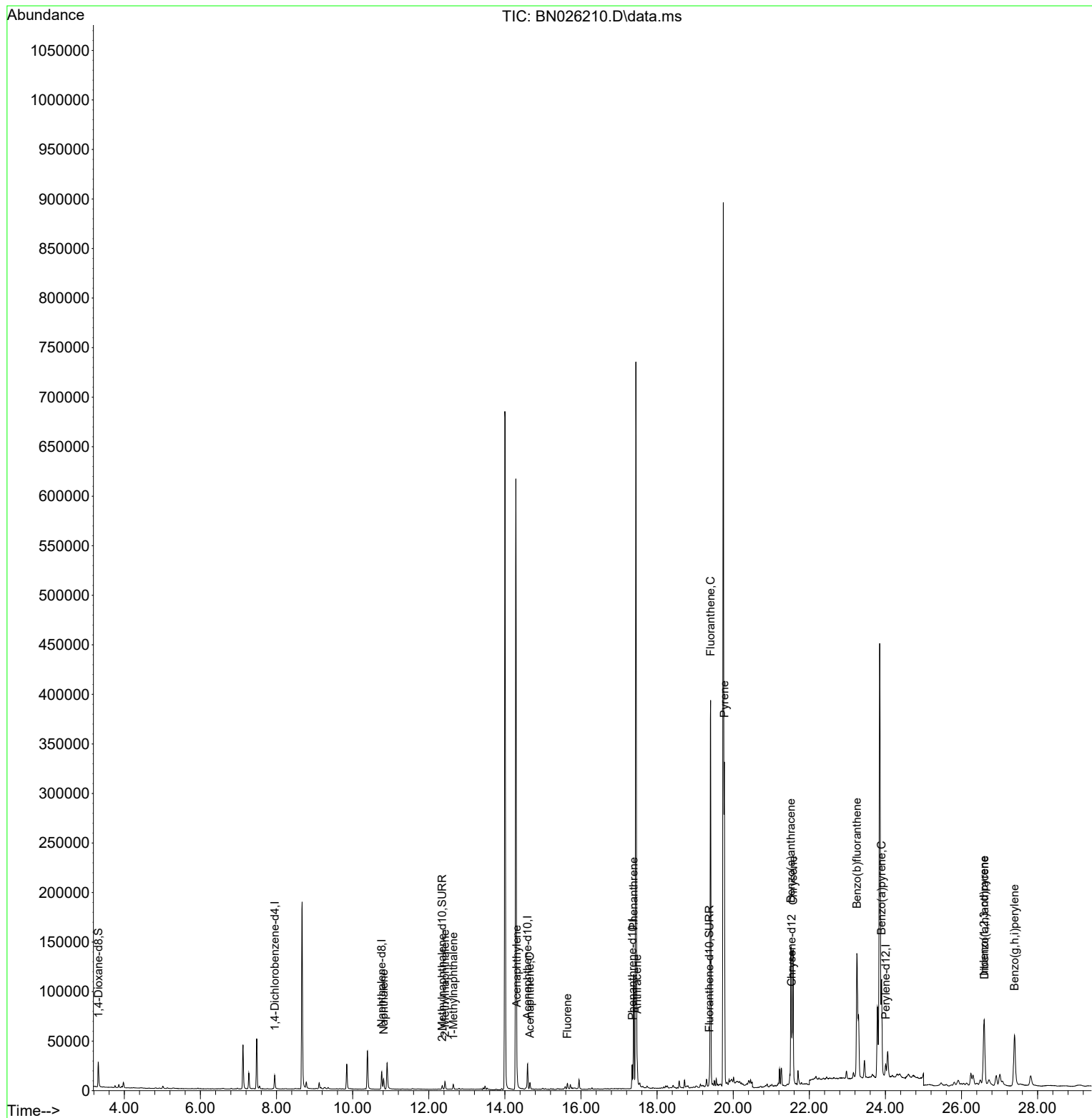
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7925	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	24817	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29387	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	16139	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	16636	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	17776	1.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	5289	0.139	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	10187	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	14515	0.204	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	6008	0.133	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3706	0.079	ng/ul	100
10) Acenaphthylene	14.316	152	12583	0.184	ng/ul	96
11) Acenaphthene	14.658	153	4075	0.073	ng/ul	98
12) Fluorene	15.643	166	3909	0.061	ng/ul#	97
15) Phenanthrene	17.385	178	124749	1.285	ng/ul	100
16) Anthracene	17.478	178	18389	0.213	ng/ul	95
19) Fluoranthene	19.405	202	341288	3.959	ng/ul	96
20) Pyrene	19.768	202	268585	2.996	ng/ul	96
21) Benzo(a)anthracene	21.517	228	127529	1.915	ng/ul	97
22) Chrysene	21.573	228	146367	2.113	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	297334	4.187	ng/ul	91
26) Benzo(a)pyrene	23.899	252	138046	2.238	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.591	276	112001	1.663	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.601	278	27461	0.539	ng/ul	93
29) Benzo(g,h,i)perylene	27.393	276	110979	1.852	ng/ul	95

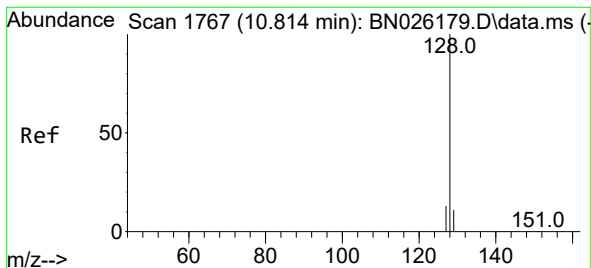
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.204 ng/ul

RT: 10.814 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

Instrument :

BNA_N

ClientSampleId :

DCGF5

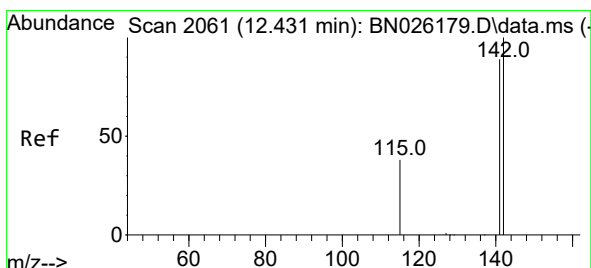
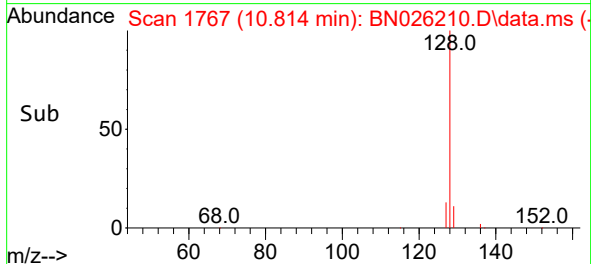
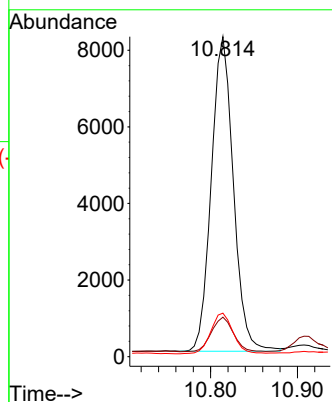
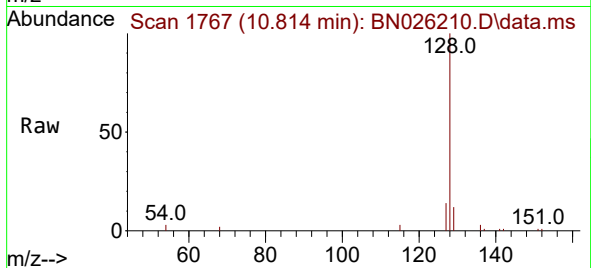
Tgt Ion:128 Resp: 14515

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.133 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026210.D

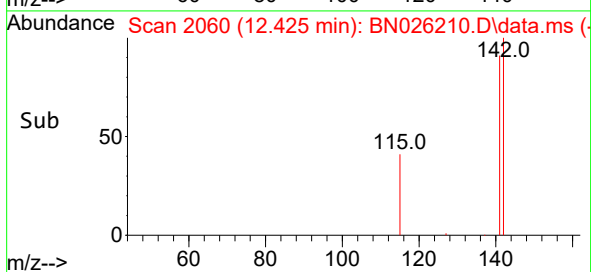
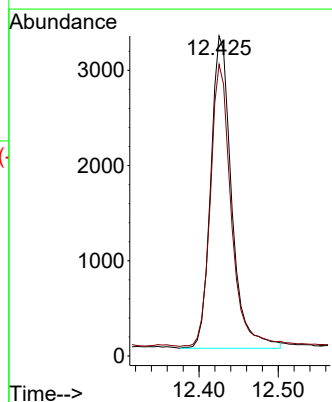
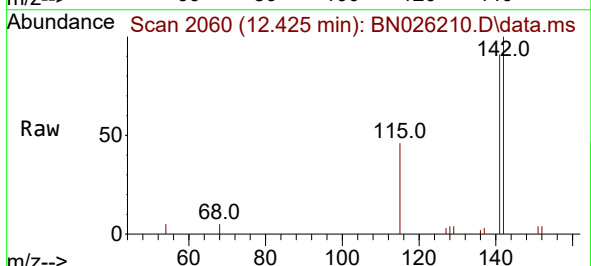
Acq: 03 Jul 2023 04:35

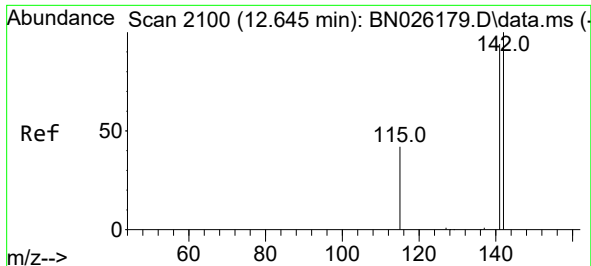
Tgt Ion:142 Resp: 6008

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

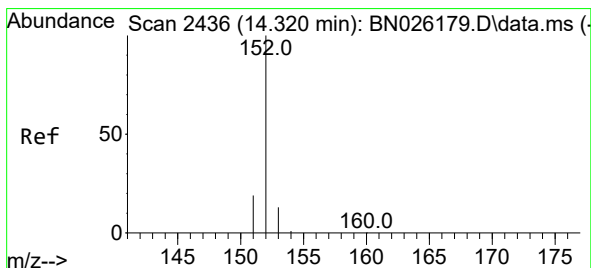
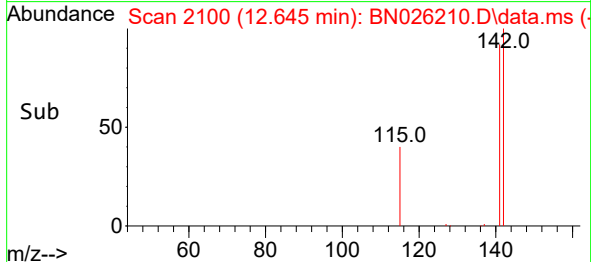
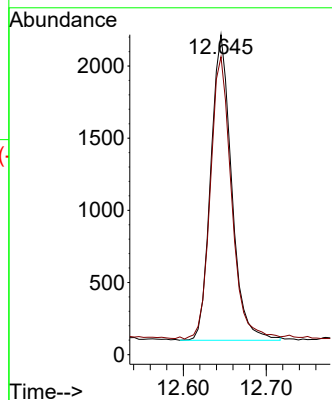
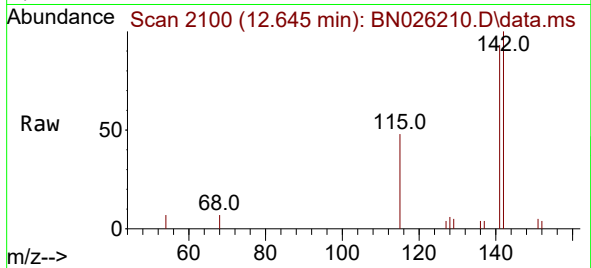




#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

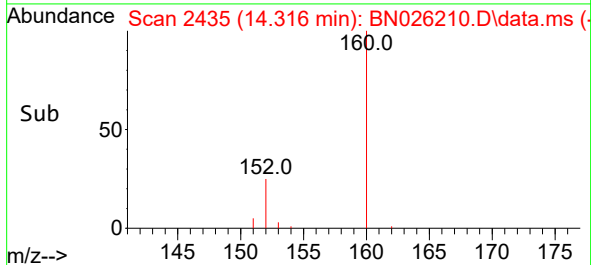
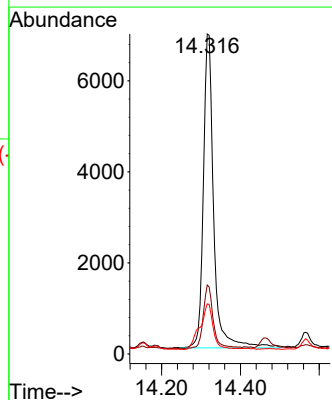
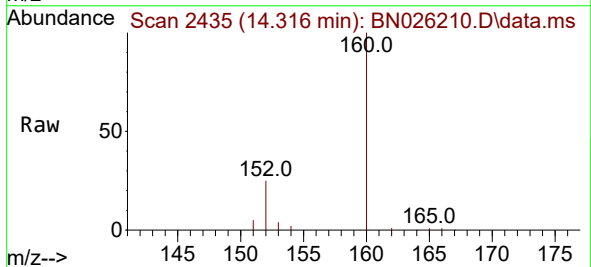
Instrument :
BNA_N
ClientSampleId :
DCGF5

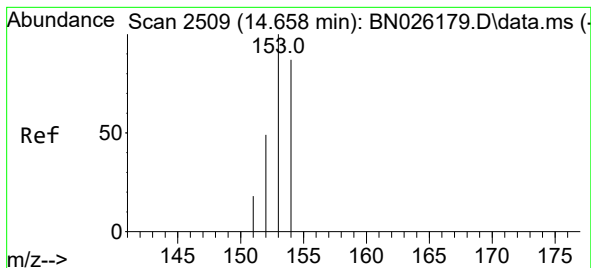
Tgt Ion:142 Resp: 3706
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

Tgt Ion:152 Resp: 12583
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4
153 15.7 10.9 16.3





#11

Acenaphthene

Concen: 0.073 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

Instrument :

BNA_N

ClientSampleId :

DCGF5

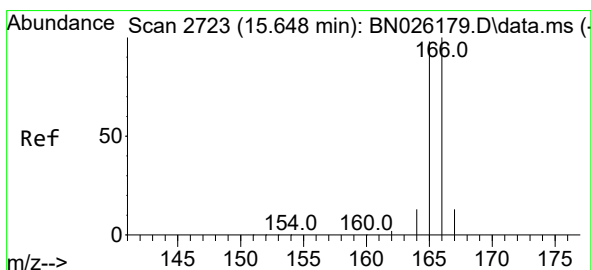
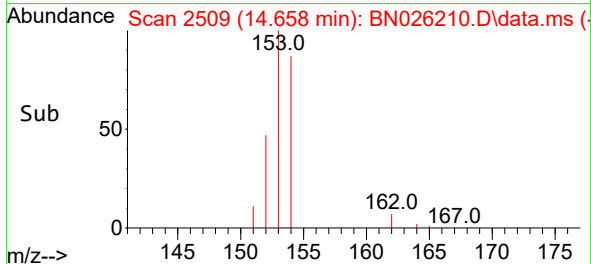
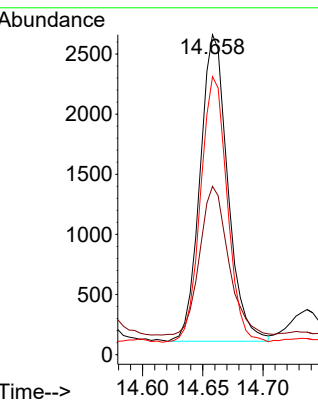
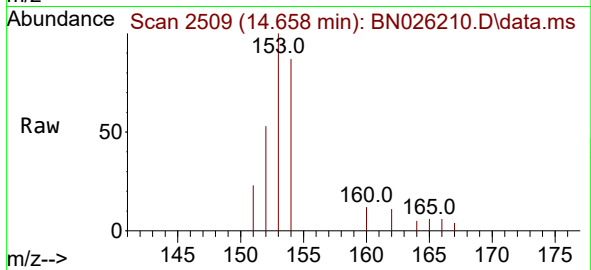
Tgt Ion:153 Resp: 4075

Ion Ratio Lower Upper

153 100

152 52.6 39.4 59.0

154 86.9 68.9 103.3



#12

Fluorene

Concen: 0.061 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

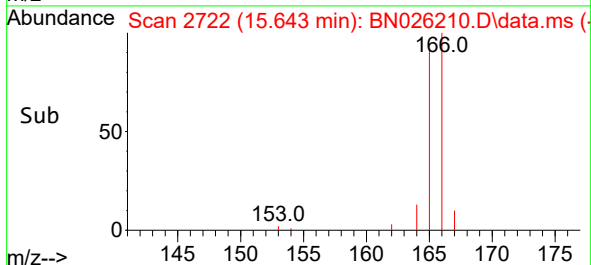
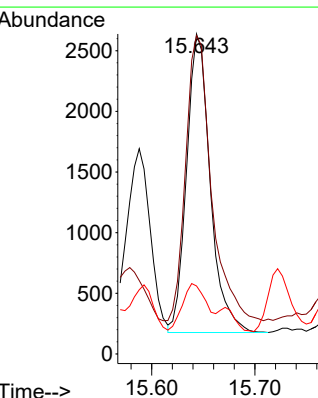
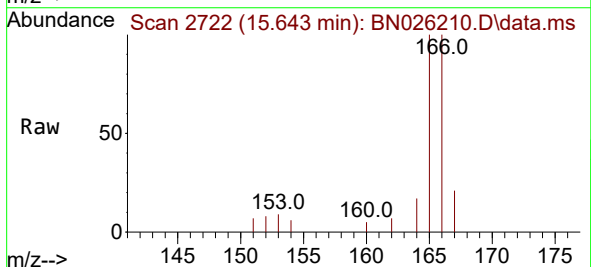
Tgt Ion:166 Resp: 3909

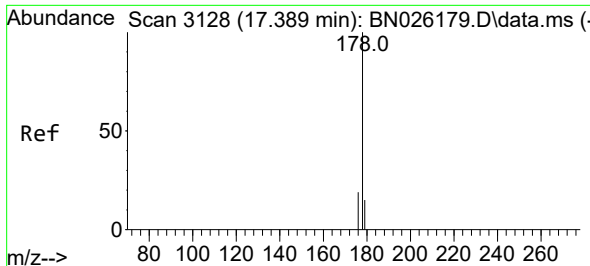
Ion Ratio Lower Upper

166 100

165 99.5 79.9 119.9

167 21.3 10.8 16.2#

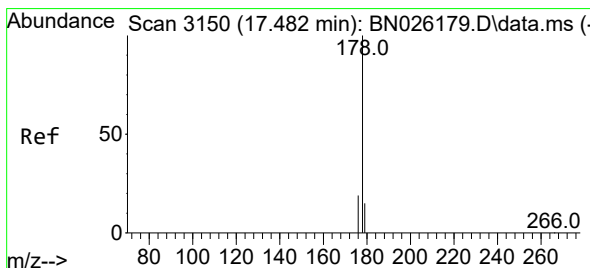
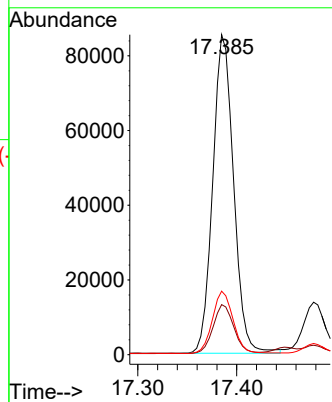
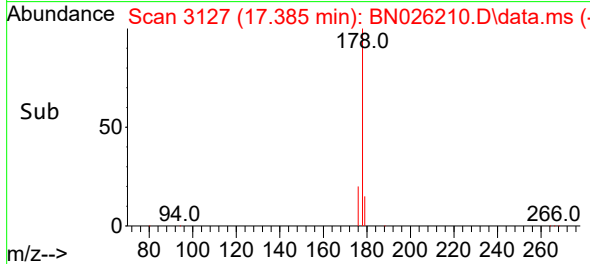
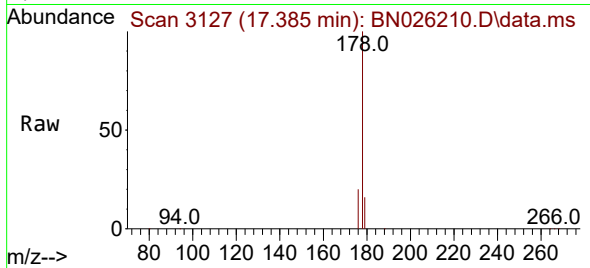




#15
Phenanthrene
Concen: 1.285 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

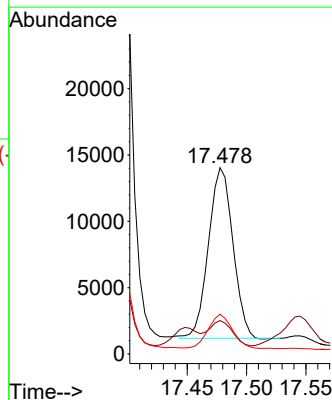
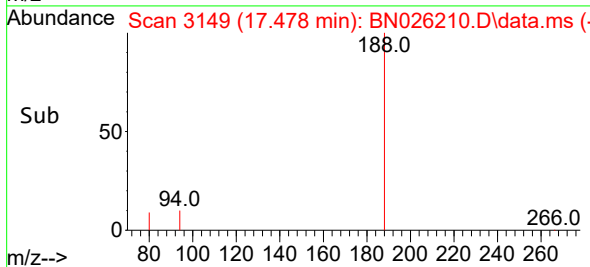
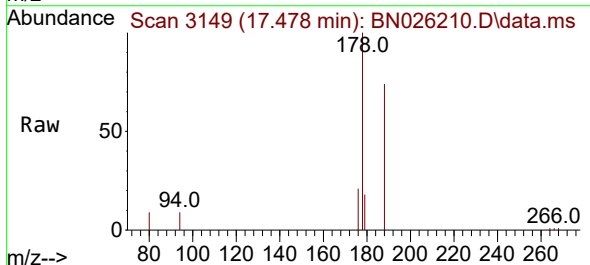
Instrument :
BNA_N
ClientSampleId :
DCGF5

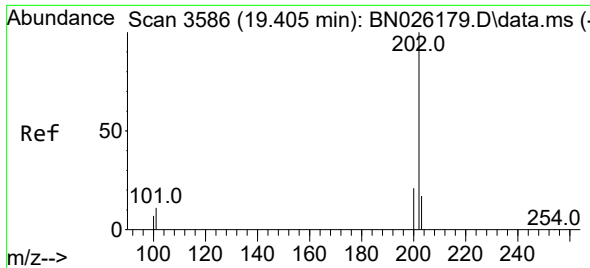
Tgt Ion:178 Resp: 124749
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.213 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

Tgt Ion:178 Resp: 18389
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 21.3 15.1 22.7

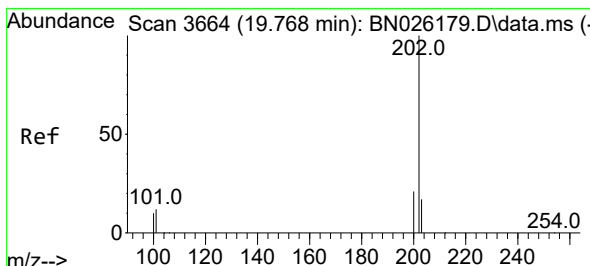
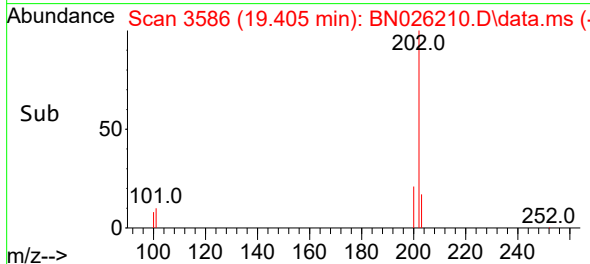
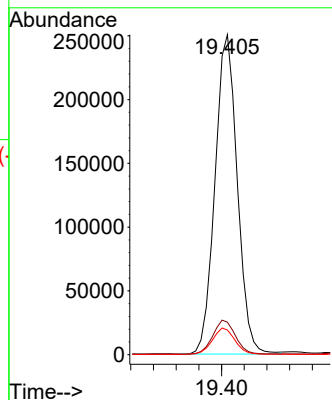
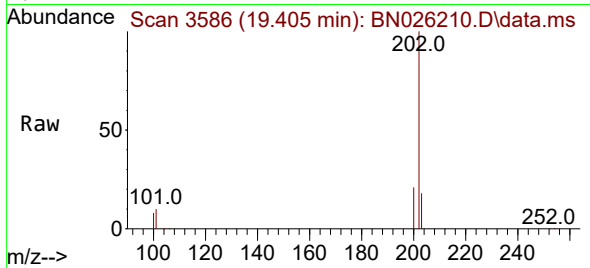




#19
Fluoranthene
Concen: 3.959 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

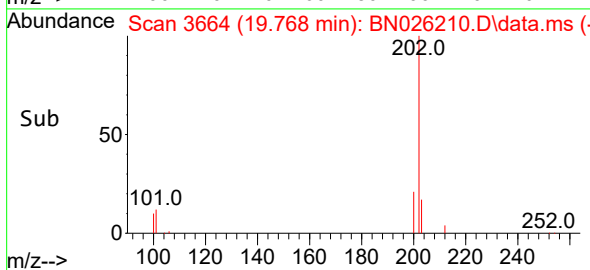
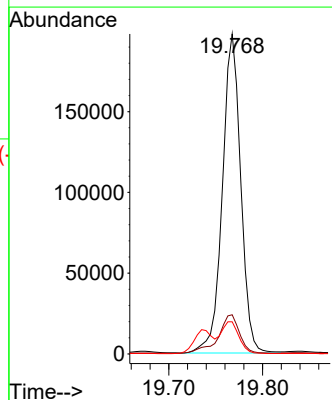
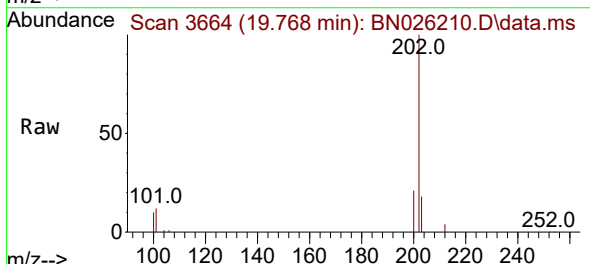
Instrument :
BNA_N
ClientSampleId :
DCGF5

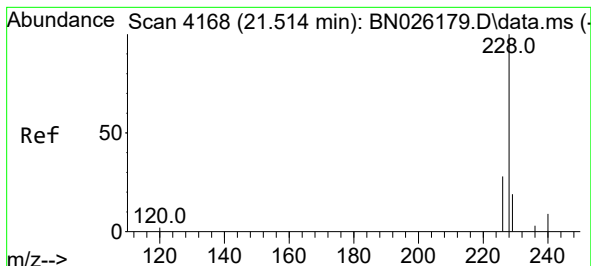
Tgt Ion:202 Resp: 341288
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.7 7.3 10.9



#20
Pyrene
Concen: 2.996 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026210.D
Acq: 03 Jul 2023 04:35

Tgt Ion:202 Resp: 268585
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 1.915 ng/ul

RT: 21.517 min Scan# 4168

Delta R.T. -0.010 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

Instrument :

BNA_N

ClientSampleId :

DCGF5

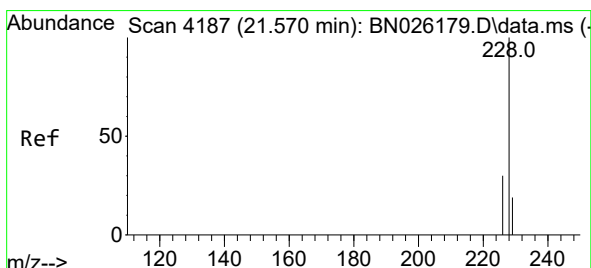
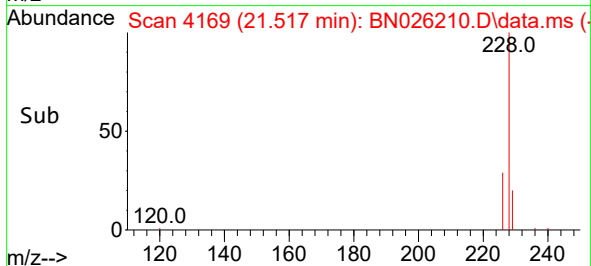
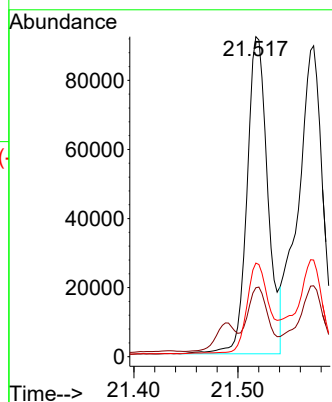
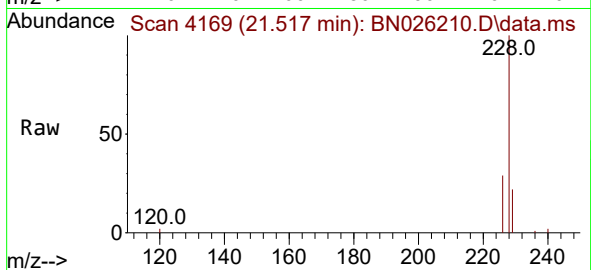
Tgt Ion:228 Resp: 127529

Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.6

226 29.3 22.5 33.7



#22

Chrysene

Concen: 2.113 ng/ul

RT: 21.573 min Scan# 4188

Delta R.T. -0.007 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

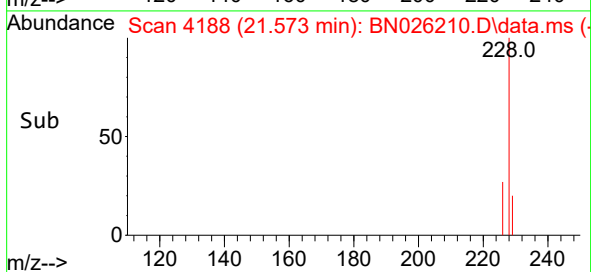
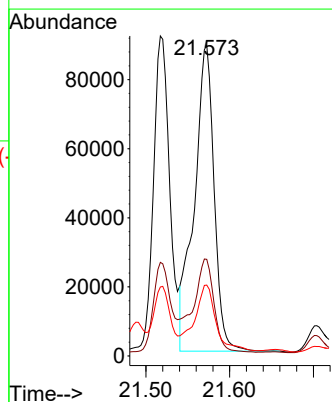
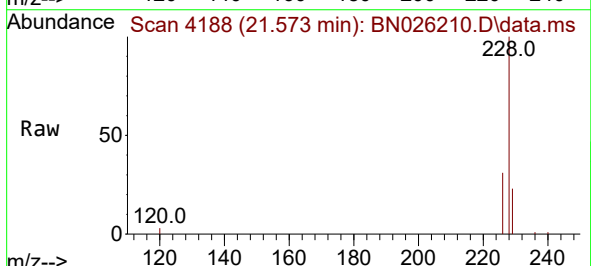
Tgt Ion:228 Resp: 146367

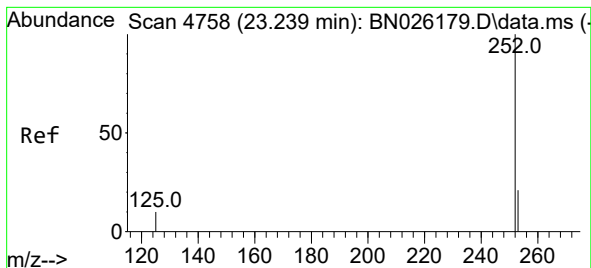
Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

229 22.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 4.187 ng/ul

RT: 23.250 min Scan# 41

Delta R.T. 0.008 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

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DCGF5

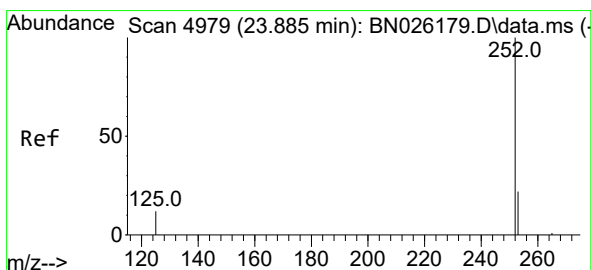
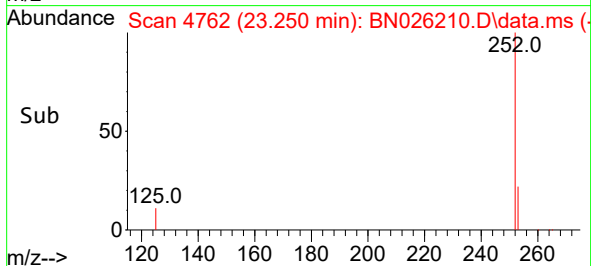
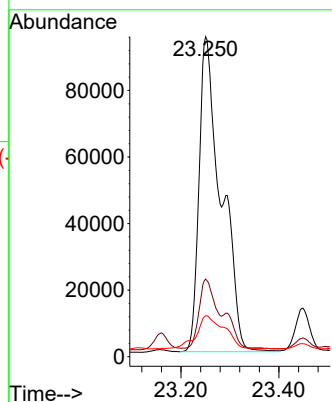
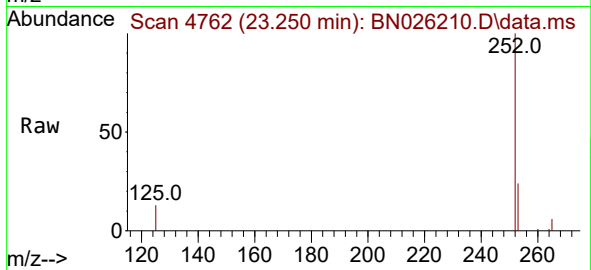
Tgt Ion:252 Resp: 297334

Ion Ratio Lower Upper

252 100

253 24.3 0.0 55.6

125 12.7 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.238 ng/ul

RT: 23.899 min Scan# 4984

Delta R.T. 0.014 min

Lab File: BN026210.D

Acq: 03 Jul 2023 04:35

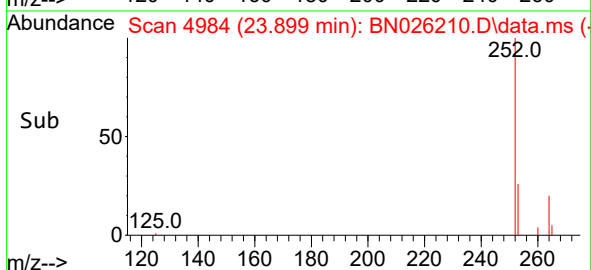
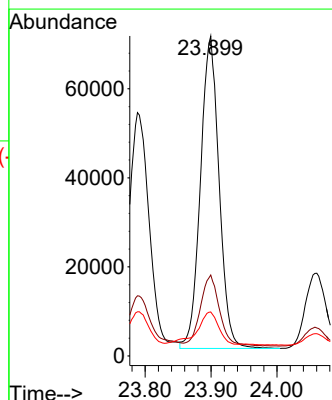
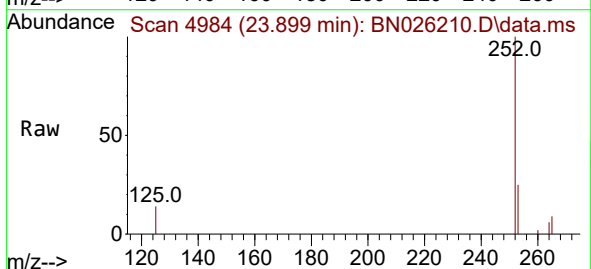
Tgt Ion:252 Resp: 138046

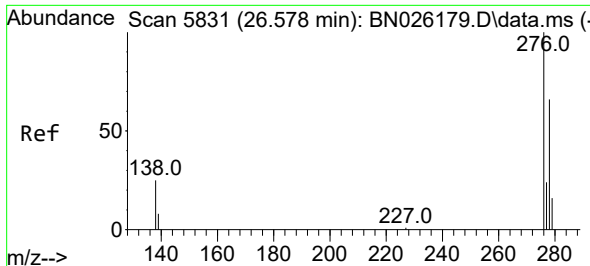
Ion Ratio Lower Upper

252 100

253 25.3 26.0 39.0#

125 13.7 17.3 25.9#

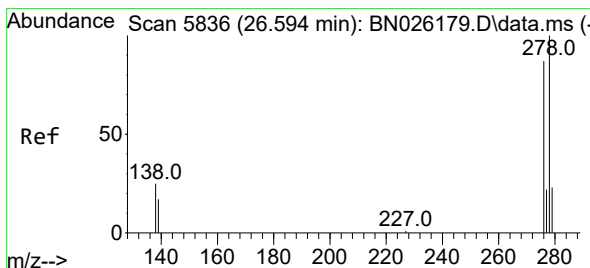
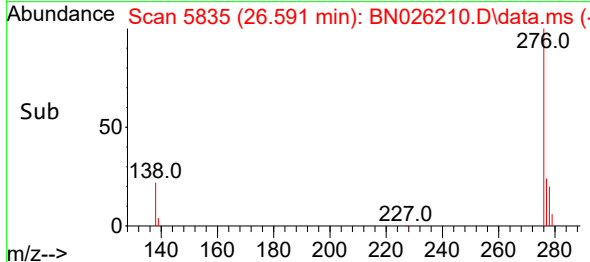
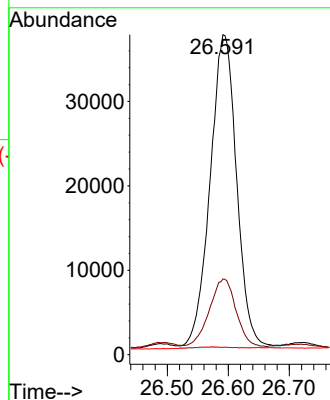
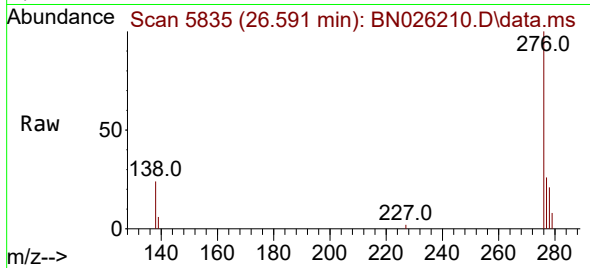




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.663 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.033 min
 Lab File: BN026210.D
 Acq: 03 Jul 2023 04:35

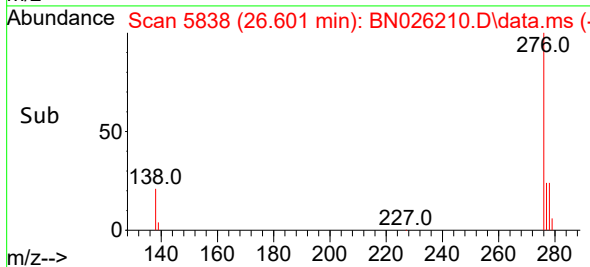
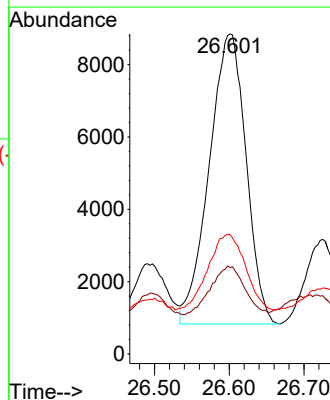
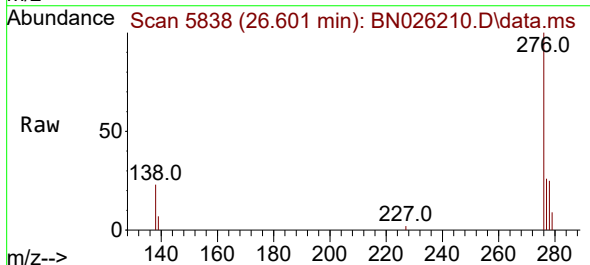
Instrument :
 BNA_N
 ClientSampleId :
 DCGF5

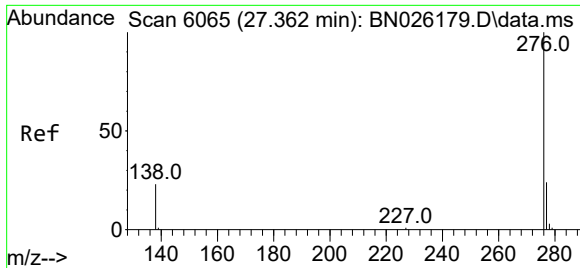
Tgt Ion:276 Resp: 112001
 Ion Ratio Lower Upper
 276 100
 138 22.1 24.5 36.7#
 227 1.5 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.539 ng/ul
 RT: 26.601 min Scan# 5838
 Delta R.T. 0.023 min
 Lab File: BN026210.D
 Acq: 03 Jul 2023 04:35

Tgt Ion:278 Resp: 27461
 Ion Ratio Lower Upper
 278 100
 139 27.0 19.0 28.4
 279 37.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.852 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.046 min
 Lab File: BN026210.D
 Acq: 03 Jul 2023 04:35

Instrument :
 BNA_N
 ClientSampleId :
 DCGF5

Tgt Ion:	276	Resp:	110979
Ion Ratio	Lower	Upper	
276	100		
138	24.5	23.4	35.0
277	25.3	20.0	30.0

