

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026183.D
 Acq On : 02 Jul 2023 11:29
 Operator : MA/JU
 Sample : 03247-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL1

Quant Time: Jul 03 05:39:20 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)

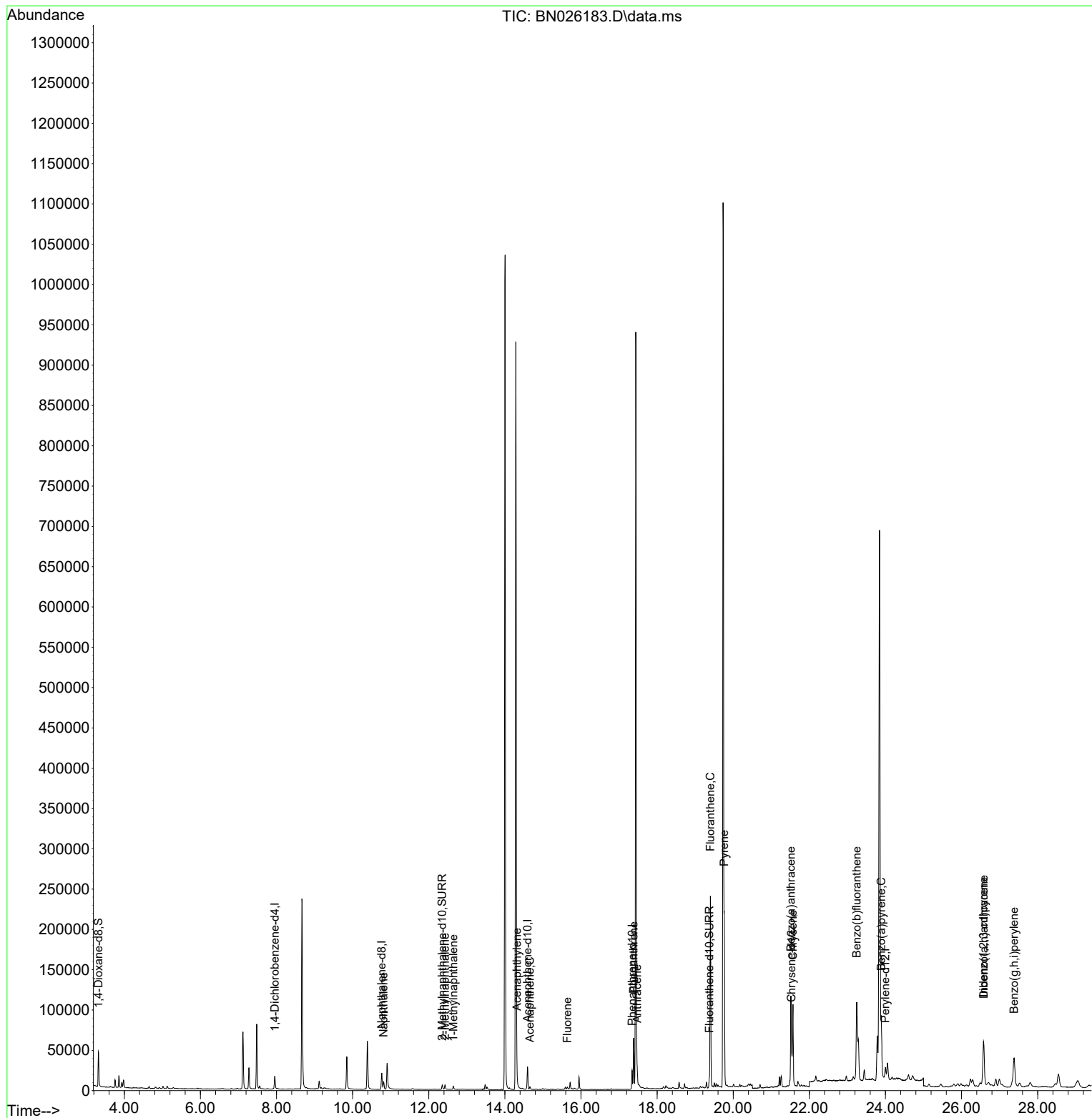
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9283	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	29102	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	16043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	28126	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	17444	0.400	ng/ul	-0.01
23) Perylene-d12	23.998	264	19774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	28823	2.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	8246	0.184	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	12771	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	13060	0.157	ng/ul	97
7) 2-Methylnaphthalene	12.430	142	4631	0.087	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	2998	0.054	ng/ul	100
10) Acenaphthylene	14.315	152	8013	0.107	ng/ul#	93
11) Acenaphthene	14.658	153	2105	0.034	ng/ul	97
12) Fluorene	15.643	166	1869	0.027	ng/ul#	89
15) Phenanthrene	17.385	178	68402	0.736	ng/ul	100
16) Anthracene	17.477	178	14249	0.173	ng/ul	96
19) Fluoranthene	19.400	202	209032	2.244	ng/ul	99
20) Pyrene	19.762	202	164322	1.696	ng/ul	98
21) Benzo(a)anthracene	21.516	228	99477	1.382	ng/ul	97
22) Chrysene	21.569	228	109859	1.467	ng/ul	97
24) Benzo(b)fluoranthene	23.244	252	233583	2.768	ng/ul	93
26) Benzo(a)pyrene	23.890	252	101037	1.378	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.577	276	89178	1.114	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.584	278	21447	0.354	ng/ul#	88
29) Benzo(g,h,i)perylene	27.378	276	77916	1.094	ng/ul	98

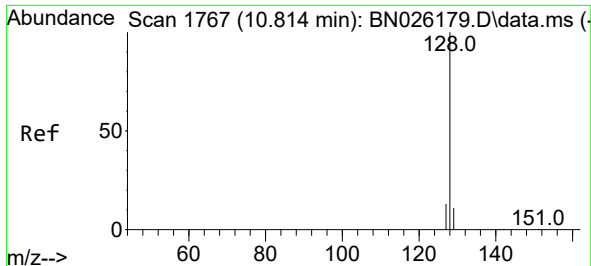
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026183.D
Acq On : 02 Jul 2023 11:29
Operator : MA/JU
Sample : 03247-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGL1

Quant Time: Jul 03 05:39:20 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

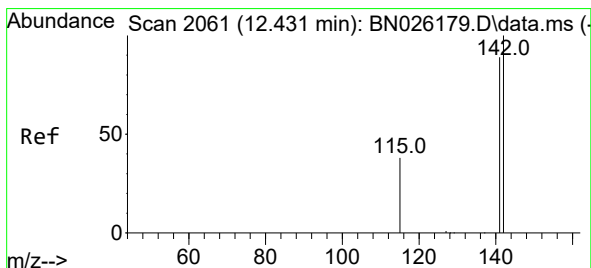
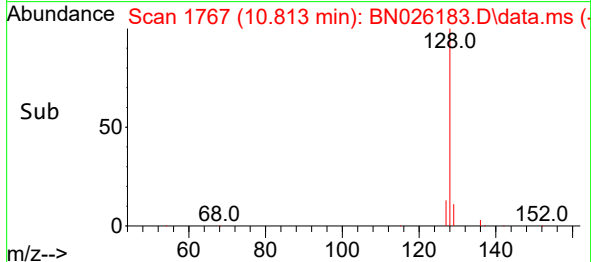
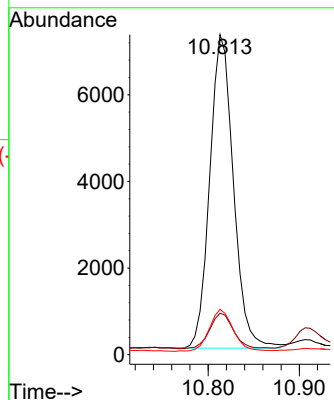
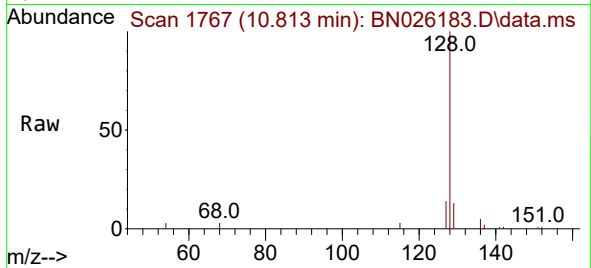




#5
Naphthalene
Concen: 0.157 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

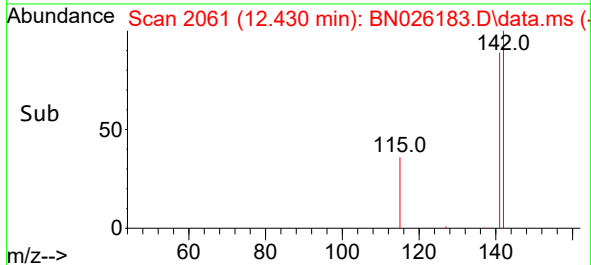
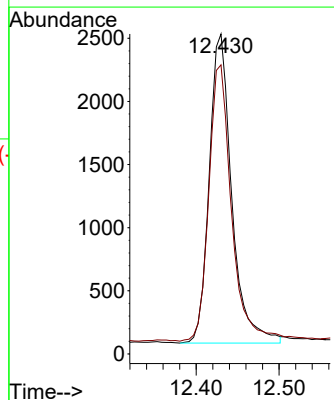
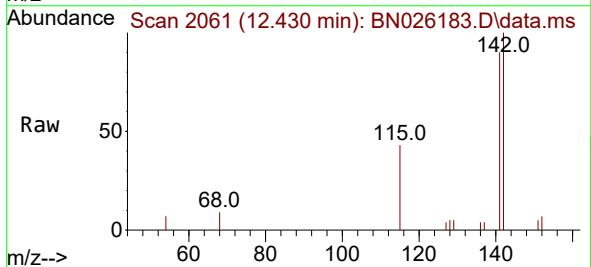
Instrument :
BNA_N
ClientSampleId :
DCGL1

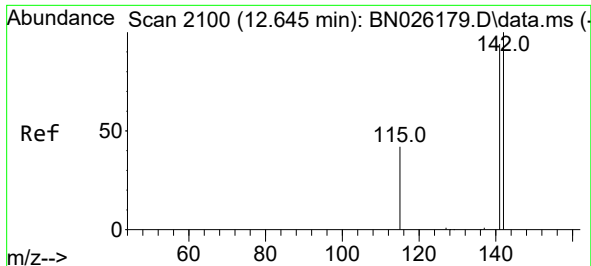
Tgt Ion:128 Resp: 13060
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:142 Resp: 4631
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9

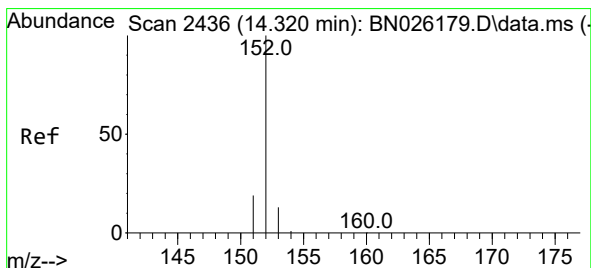
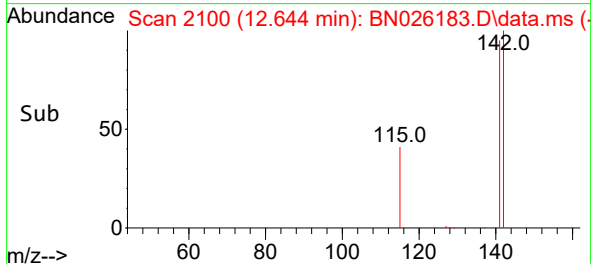
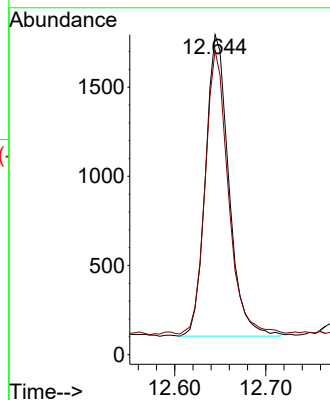
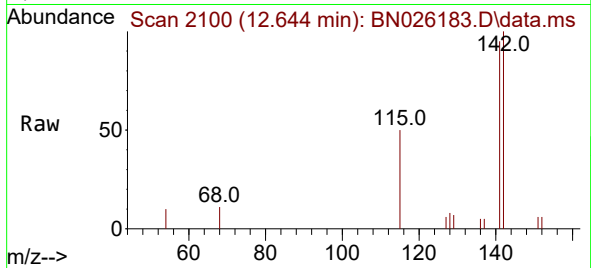




#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

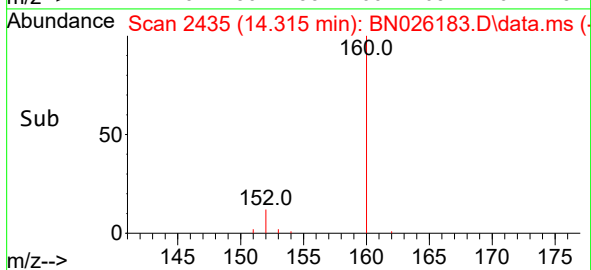
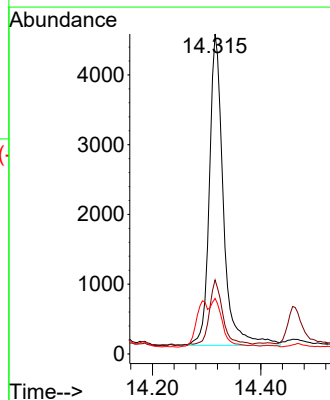
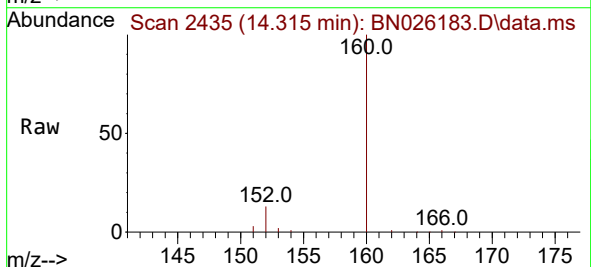
Instrument :
BNA_N
ClientSampleId :
DCGL1

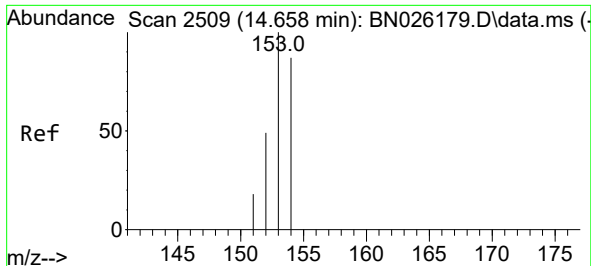
Tgt Ion:142 Resp: 2998
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:152 Resp: 8013
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 17.3 10.9 16.3#

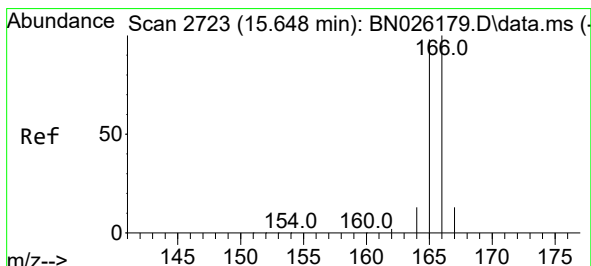
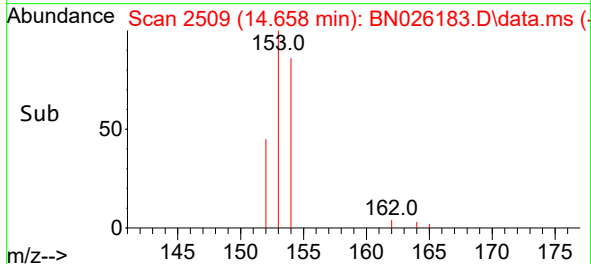
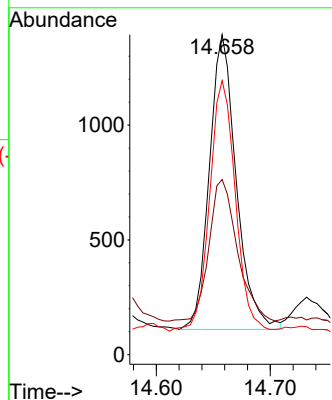
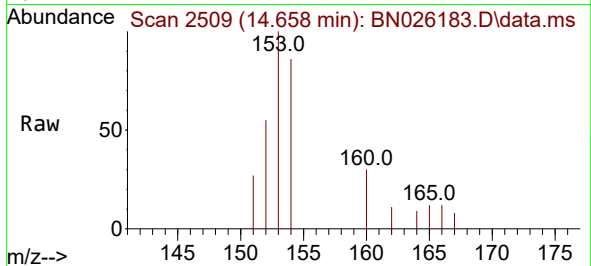




#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.658 min Scan# 2105
Delta R.T. -0.010 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

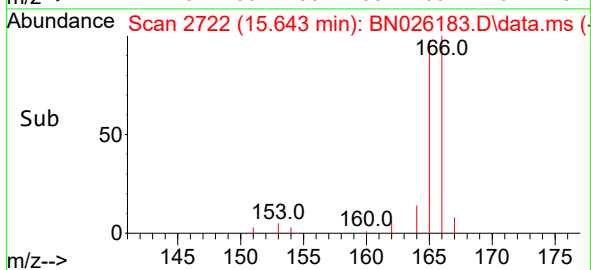
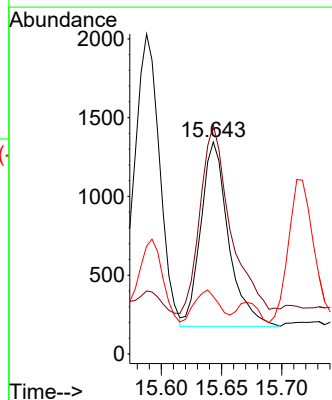
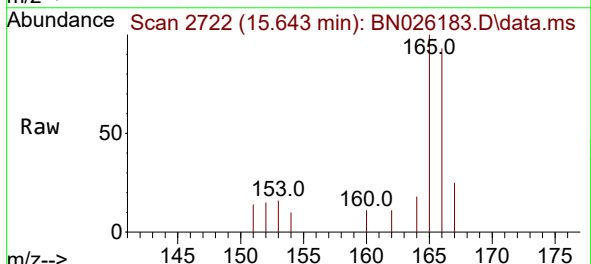
Instrument :
BNA_N
ClientSampleId :
DCGL1

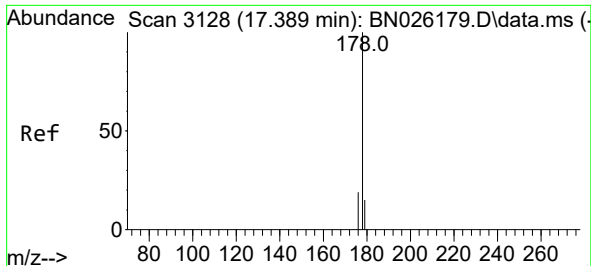
Tgt Ion:153 Resp: 2105
Ion Ratio Lower Upper
153 100
152 54.7 39.4 59.0
154 85.7 68.9 103.3



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:166 Resp: 1869
Ion Ratio Lower Upper
166 100
165 107.9 79.9 119.9
167 27.1 10.8 16.2#

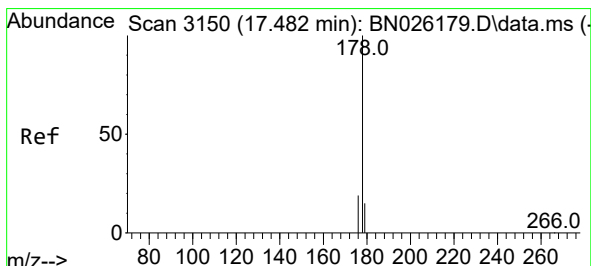
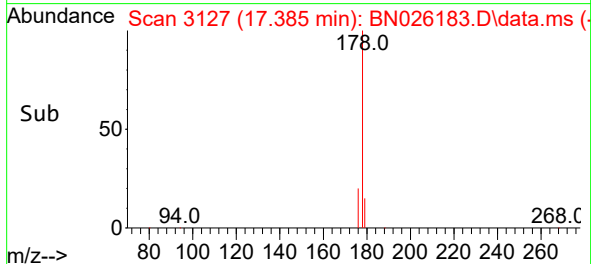
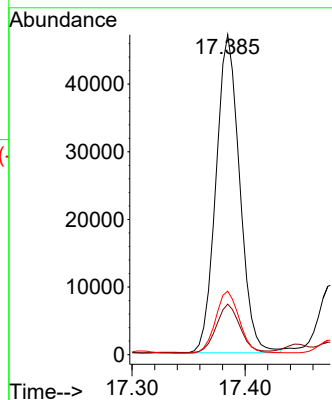
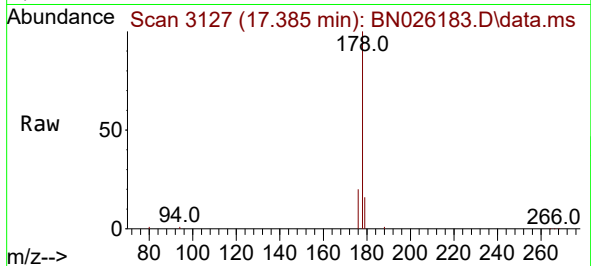




#15
Phenanthrene
Concen: 0.736 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

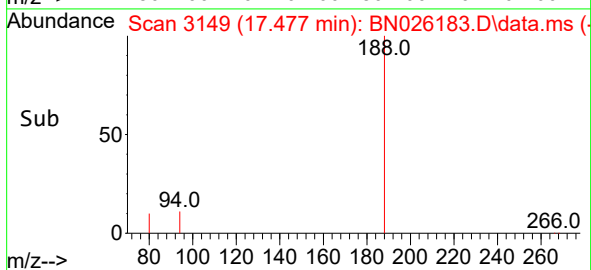
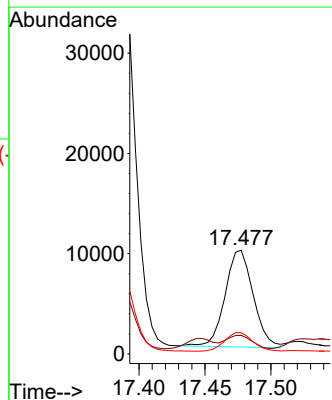
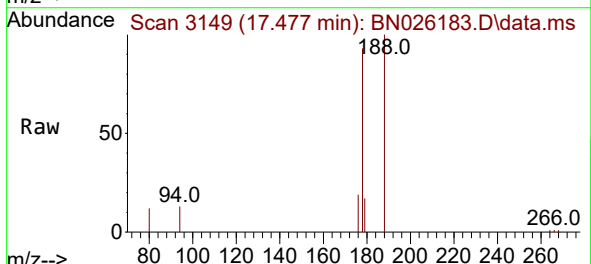
Instrument :
BNA_N
ClientSampleId :
DCGL1

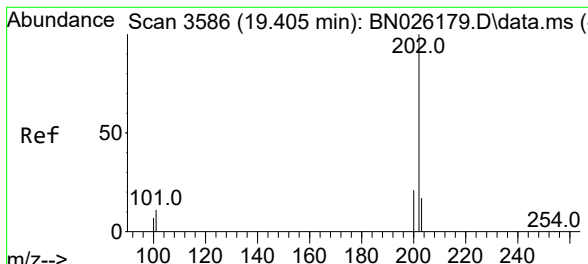
Tgt Ion:178 Resp: 68402
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.173 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:178 Resp: 14249
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.5 15.1 22.7

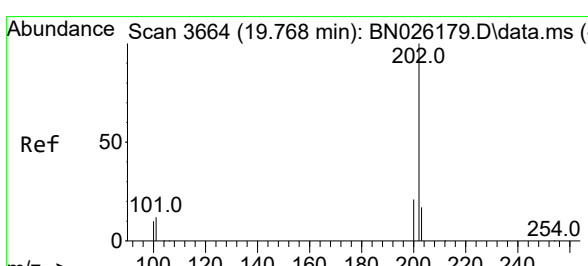
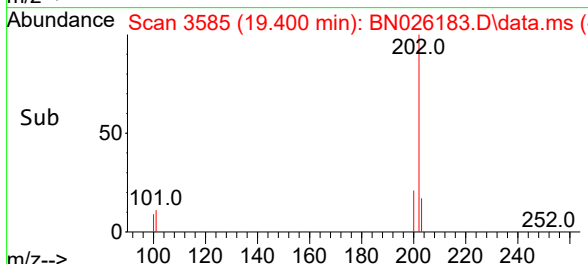
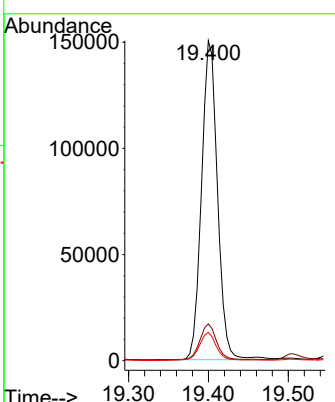
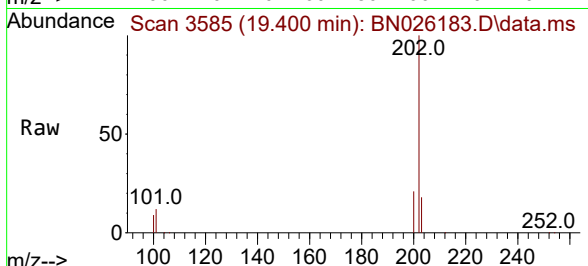




#19
 Fluoranthene
 Concen: 2.244 ng/ul
 RT: 19.400 min Scan# 3586
 Delta R.T. -0.011 min
 Lab File: BN026183.D
 Acq: 02 Jul 2023 11:29

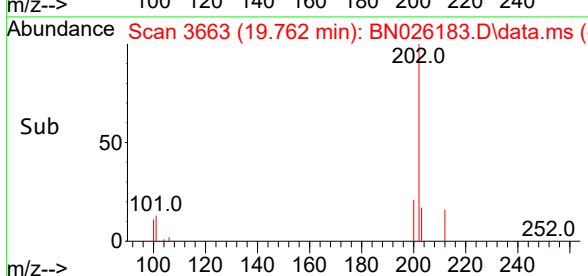
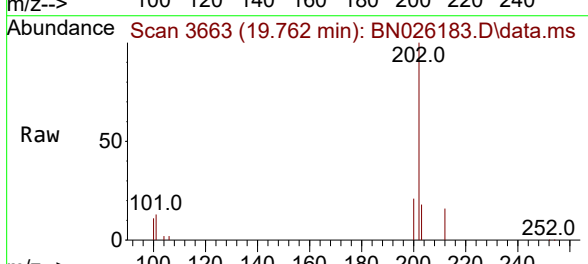
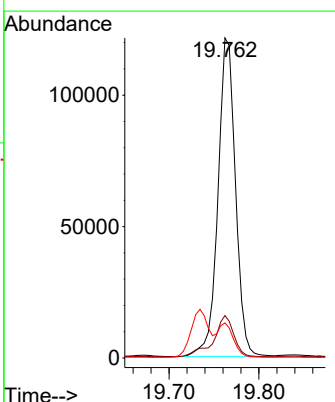
Instrument :
 BNA_N
 ClientSampleId :
 DCGL1

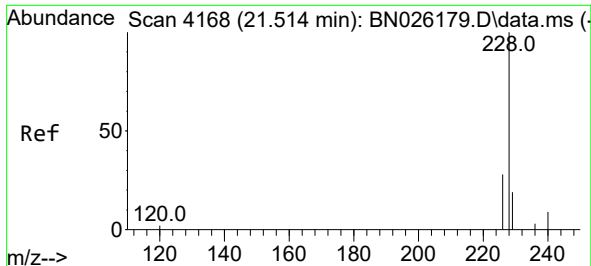
Tgt Ion:	202	Resp:	209032
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.5	14.3
100	8.8	7.3	10.9



#20
 Pyrene
 Concen: 1.696 ng/ul
 RT: 19.762 min Scan# 3663
 Delta R.T. -0.011 min
 Lab File: BN026183.D
 Acq: 02 Jul 2023 11:29

Tgt Ion:	202	Resp:	164322
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.4	17.0
100	11.0	9.1	13.7

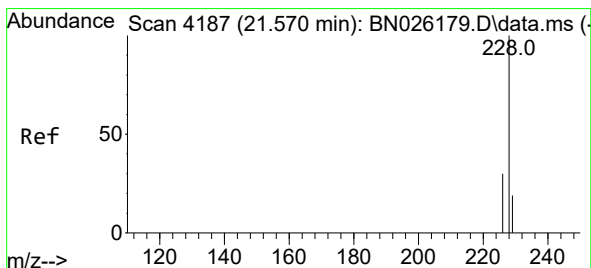
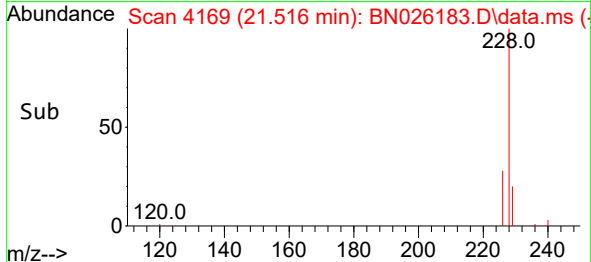
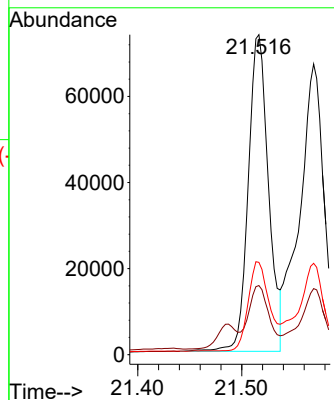
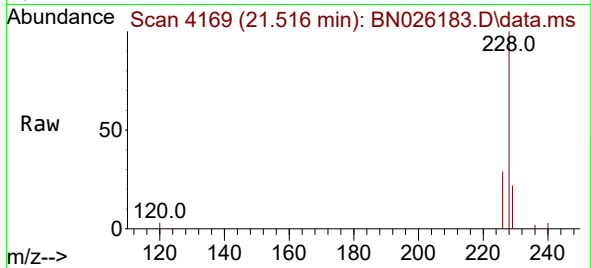




#21
Benzo(a)anthracene
Concen: 1.382 ng/ul
RT: 21.516 min Scan# 4168
Delta R.T. -0.010 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

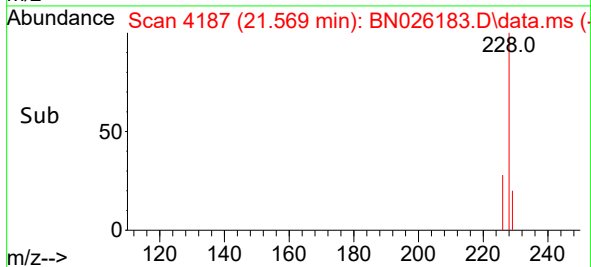
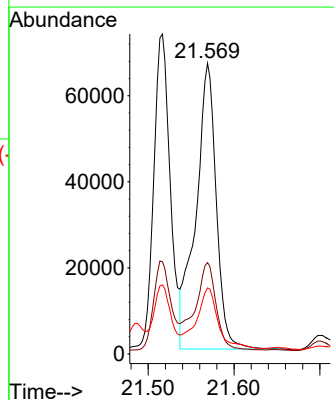
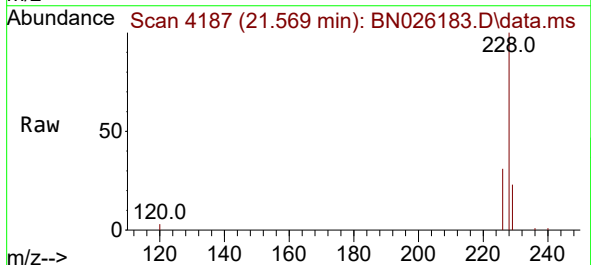
Instrument :
BNA_N
ClientSampleId :
DCGL1

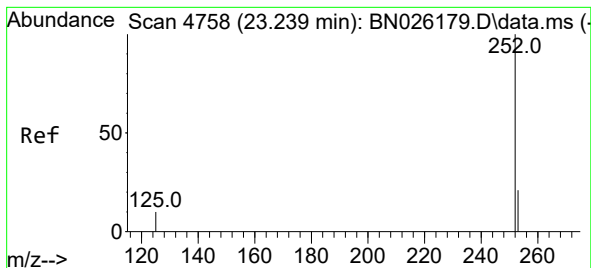
Tgt Ion:228 Resp: 99477
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 28.9 22.5 33.7



#22
Chrysene
Concen: 1.467 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:228 Resp: 109859
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 2.768 ng/ul

RT: 23.244 min Scan# 41

Delta R.T. 0.001 min

Lab File: BN026183.D

Acq: 02 Jul 2023 11:29

Instrument :

BNA_N

ClientSampleId :

DCGL1

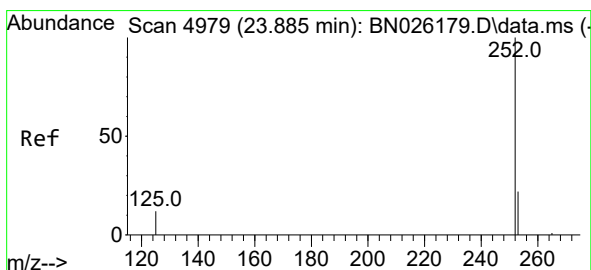
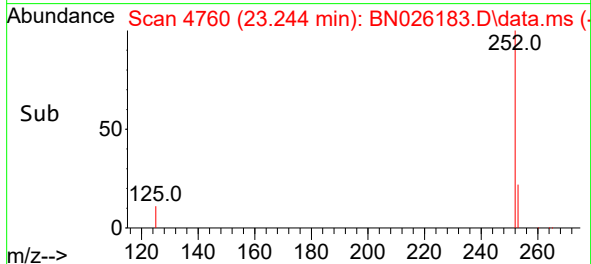
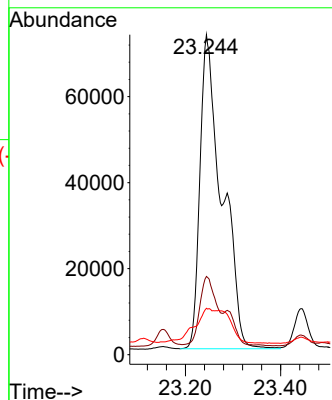
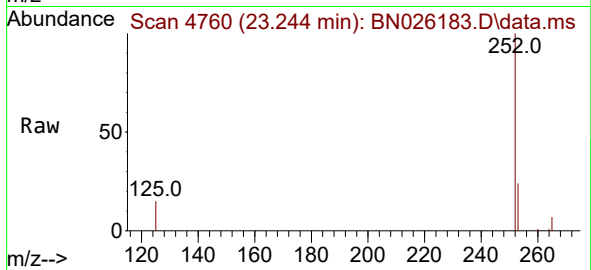
Tgt Ion:252 Resp: 233583

Ion Ratio Lower Upper

252 100

253 24.4 0.0 55.6

125 14.5 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.378 ng/ul

RT: 23.890 min Scan# 4981

Delta R.T. 0.004 min

Lab File: BN026183.D

Acq: 02 Jul 2023 11:29

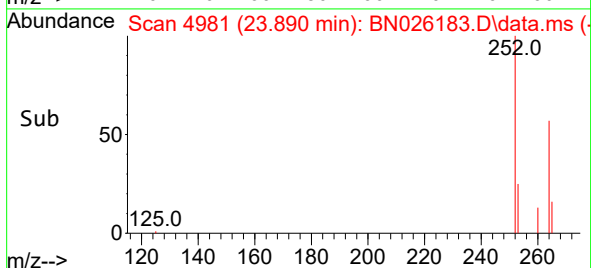
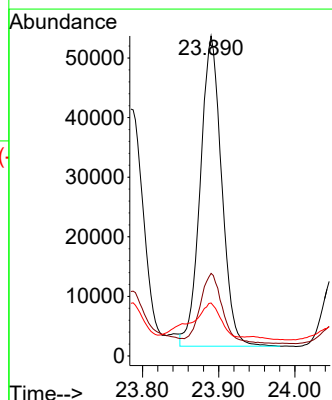
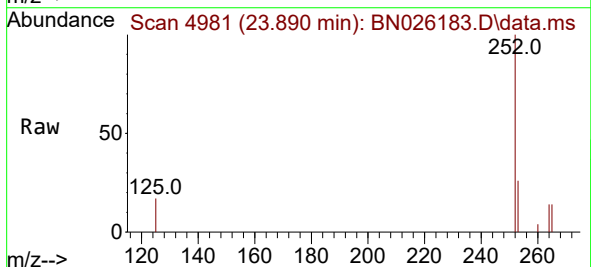
Tgt Ion:252 Resp: 101037

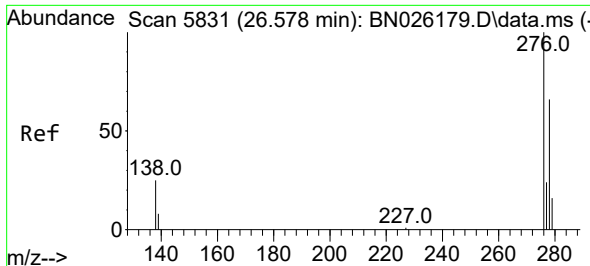
Ion Ratio Lower Upper

252 100

253 25.8 26.0 39.0#

125 16.6 17.3 25.9#

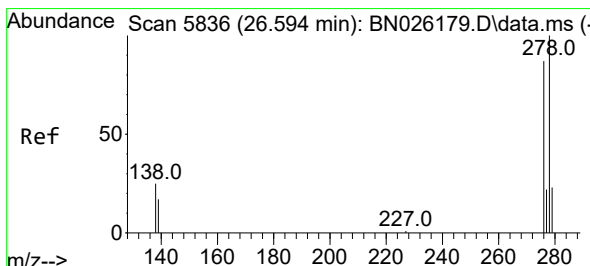
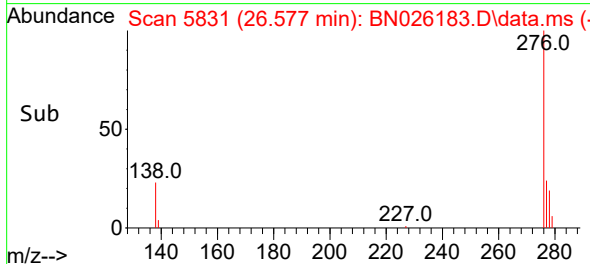
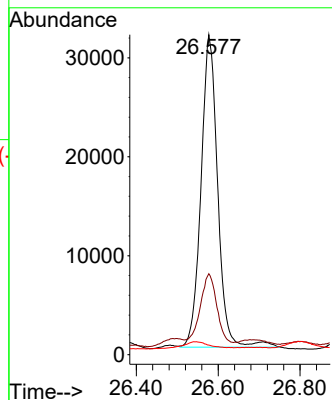
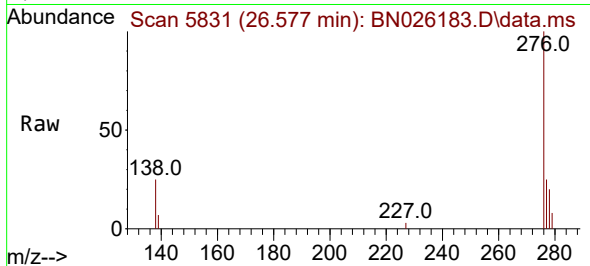




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.114 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. 0.019 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

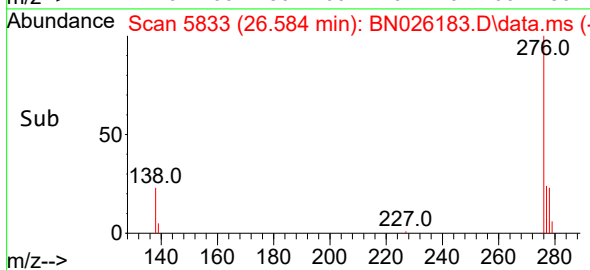
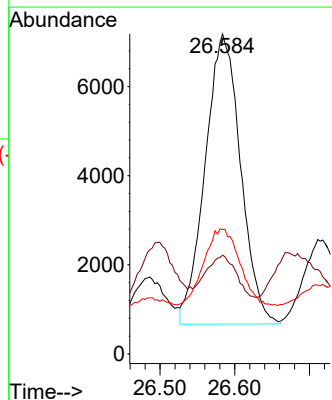
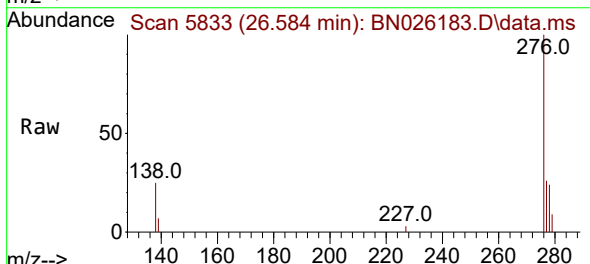
Instrument :
BNA_N
ClientSampleId :
DCGL1

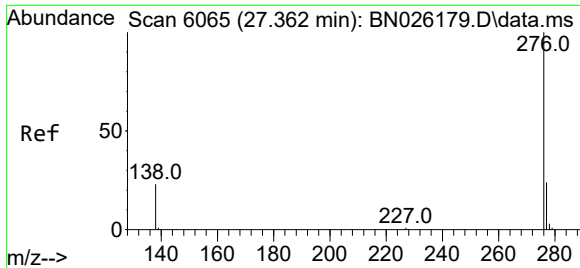
Tgt Ion:276 Resp: 89178
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. 0.005 min
Lab File: BN026183.D
Acq: 02 Jul 2023 11:29

Tgt Ion:278 Resp: 21447
Ion Ratio Lower Upper
278 100
139 30.9 19.0 28.4#
279 38.9 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.094 ng/ul
 RT: 27.378 min Scan# 6070
 Delta R.T. 0.032 min
 Lab File: BN026183.D
 Acq: 02 Jul 2023 11:29

Instrument :
 BNA_N
 ClientSampleId :
 DCGL1

Tgt Ion:	276	Resp:	77916
Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.4	35.0
277	24.9	20.0	30.0

