

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026184.D
 Acq On : 02 Jul 2023 12:05
 Operator : MA/JU
 Sample : 03247-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL2

Quant Time: Jul 03 05:39:31 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

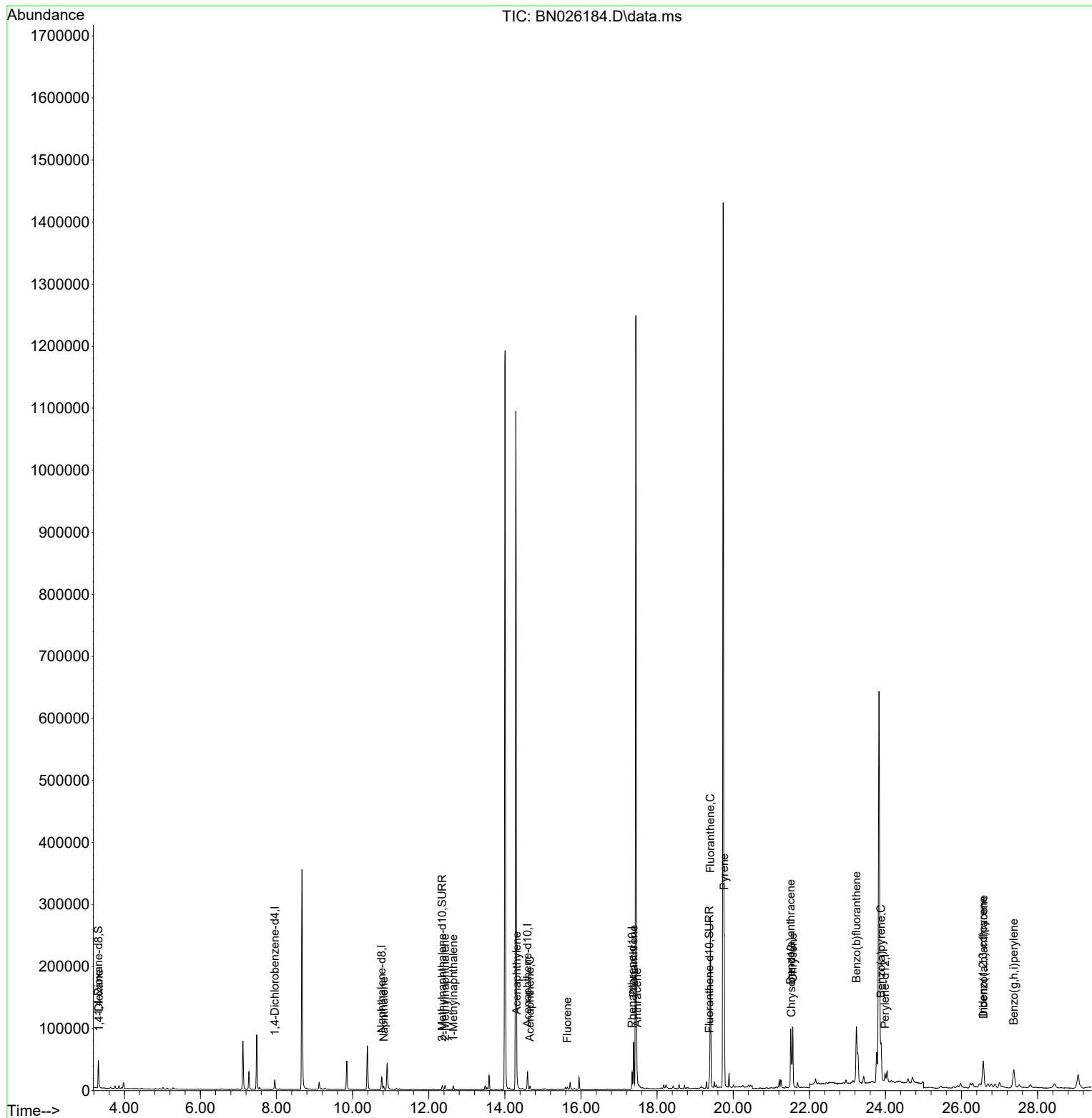
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	28467	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	16694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	32467	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	16860	0.400	ng/ul	#-0.01
23) Perylene-d12	23.990	264	17820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	30536	3.080	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9527	0.218	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	17210	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	287	0.027	ng/ul#	29
5) Naphthalene	10.814	128	7702	0.094	ng/ul#	96
7) 2-Methylnaphthalene	12.425	142	5662	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	4266	0.079	ng/ul	98
10) Acenaphthylene	14.316	152	7414	0.095	ng/ul#	91
11) Acenaphthene	14.658	153	3273	0.051	ng/ul	98
12) Fluorene	15.644	166	2560	0.035	ng/ul#	96
15) Phenanthrene	17.385	178	83165	0.775	ng/ul	100
16) Anthracene	17.478	178	12308	0.129	ng/ul	95
19) Fluoranthene	19.401	202	232174	2.578	ng/ul	99
20) Pyrene	19.763	202	188692	2.015	ng/ul	98
21) Benzo(a)anthracene	21.511	228	82583	1.187	ng/ul	97
22) Chrysene	21.564	228	104916	1.450	ng/ul	96
24) Benzo(b)fluoranthene	23.239	252	204210	2.685	ng/ul	94
26) Benzo(a)pyrene	23.885	252	93710	1.419	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.568	276	78086	1.082	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.578	278	17791	0.326	ng/ul#	88
29) Benzo(g,h,i)perylene	27.373	276	72018	1.122	ng/ul	98

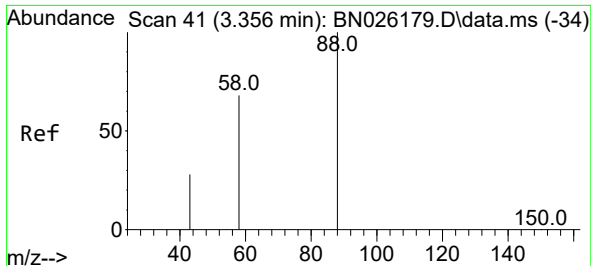
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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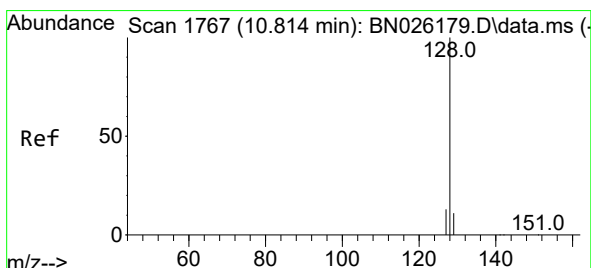
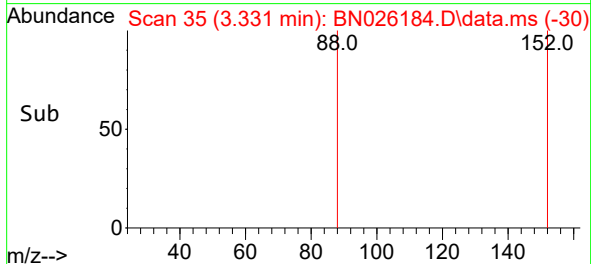
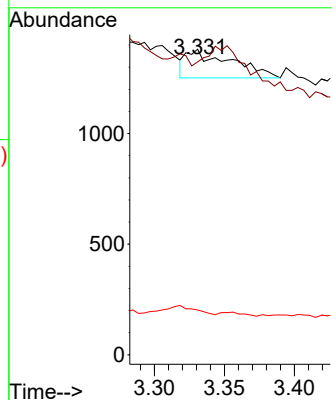
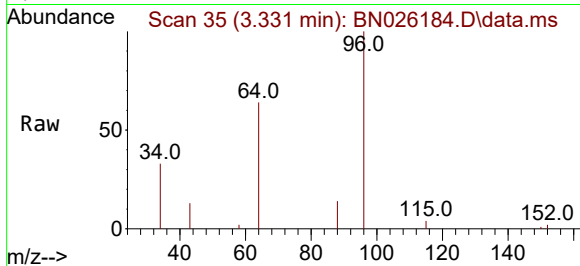




#2
1,4-Dioxane
Concen: 0.027 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. -0.029 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

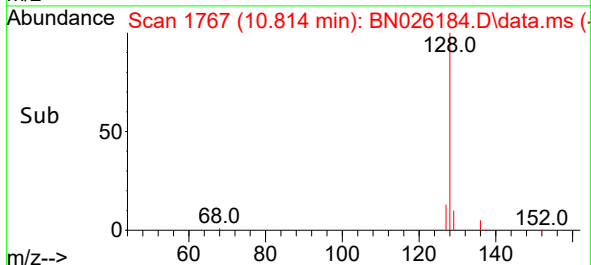
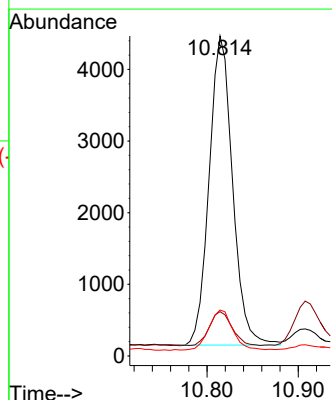
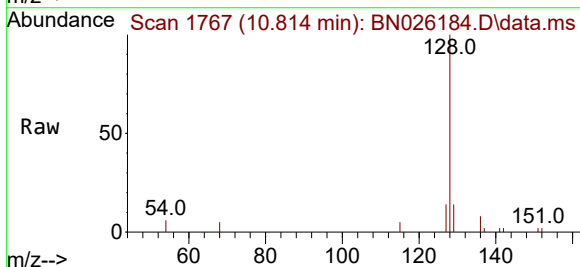
Instrument :
BNA_N
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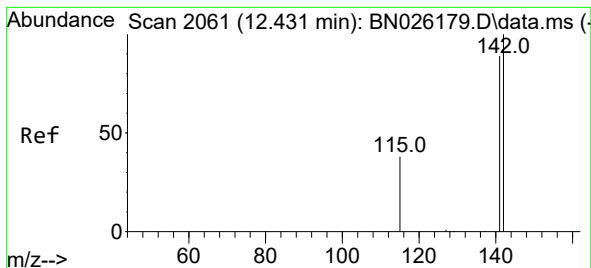
Tgt Ion: 88 Resp: 287
Ion Ratio Lower Upper
88 100
43 95.9 29.5 44.3#
58 14.6 37.4 56.2#



#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion: 128 Resp: 7702
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 14.4 10.7 16.1

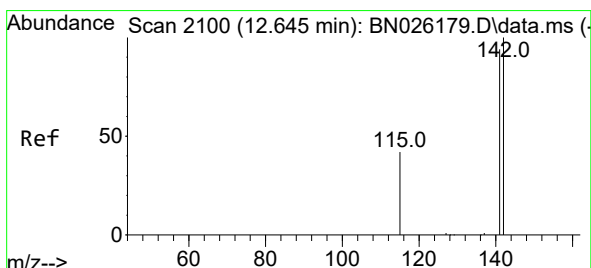
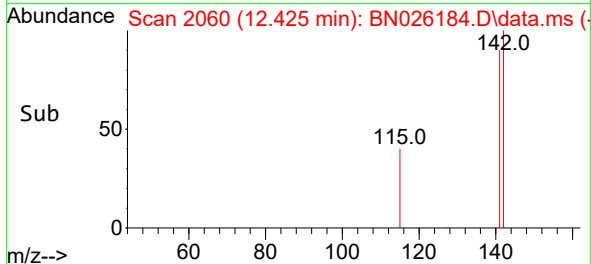
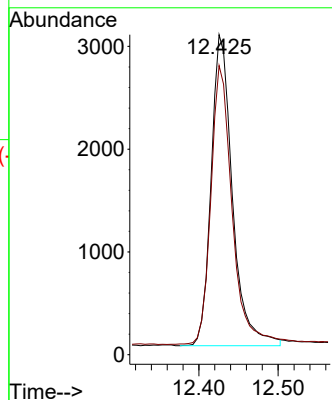
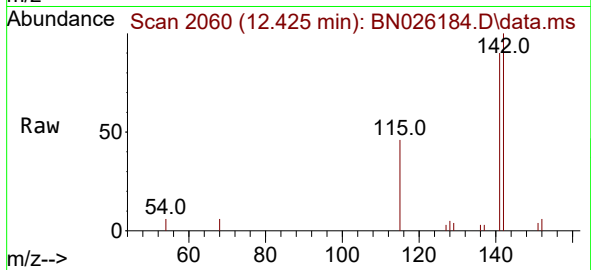




#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

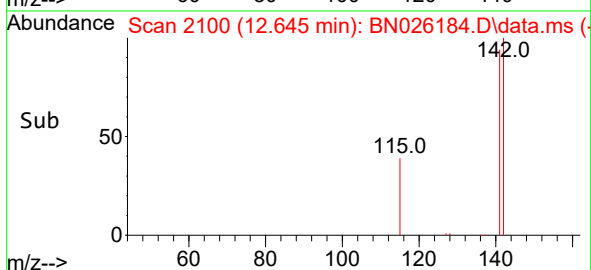
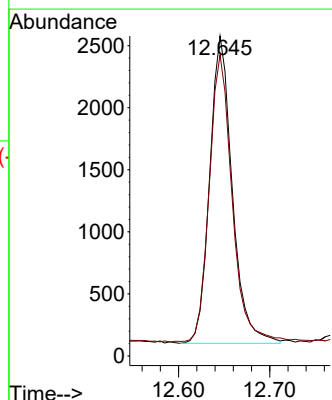
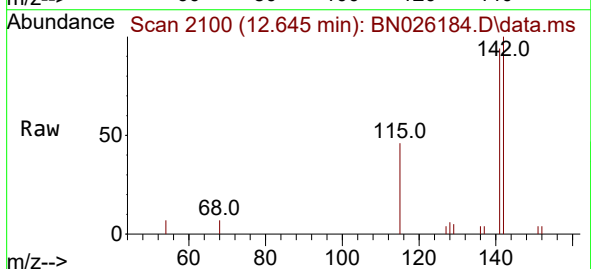
Instrument :
BNA_N
ClientSampleId :
DCGL2

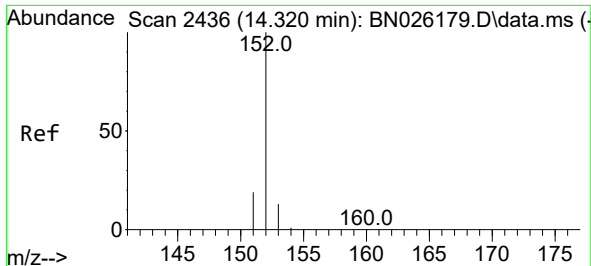
Tgt Ion:142 Resp: 5662
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion:142 Resp: 4266
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4

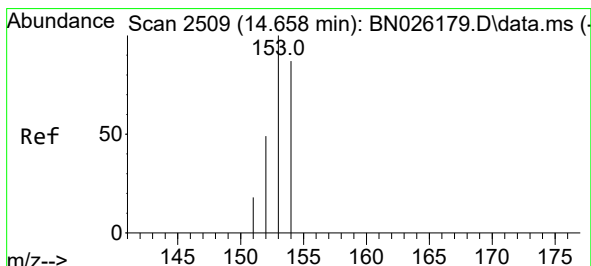
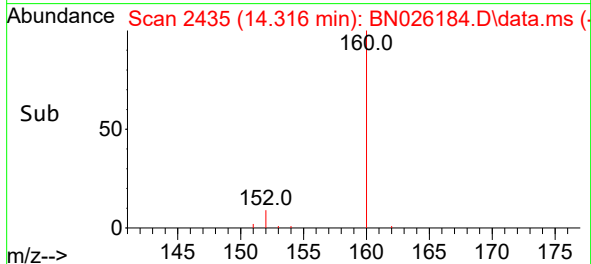
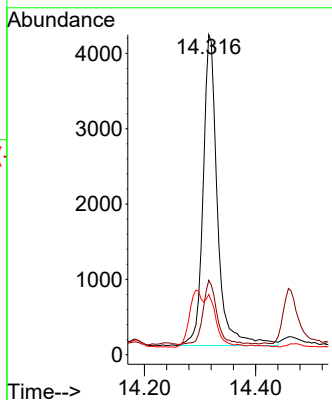
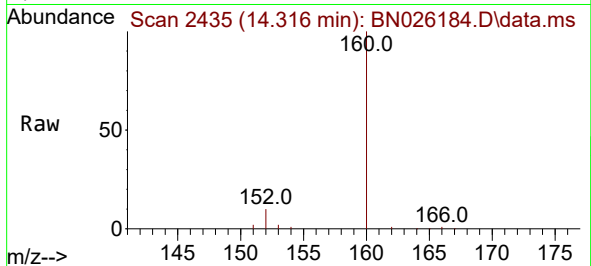




#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.316 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

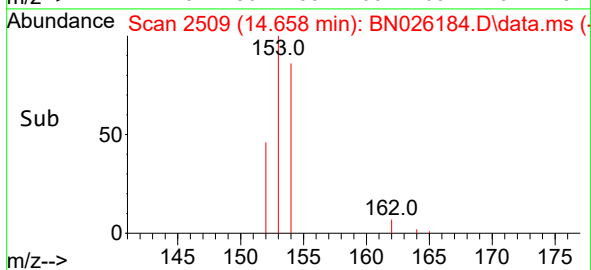
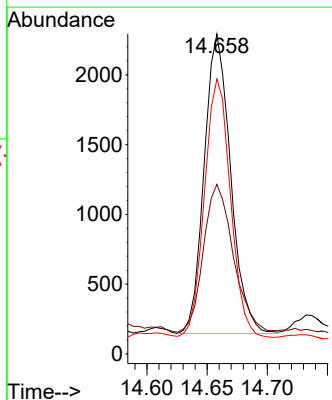
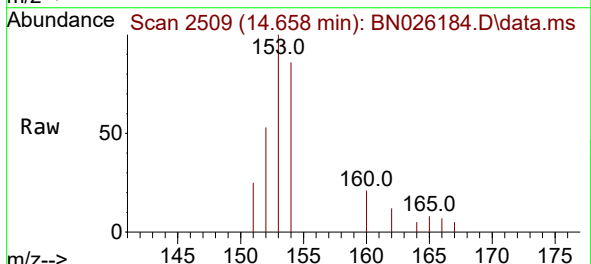
Instrument :
BNA_N
ClientSampleId :
DCGL2

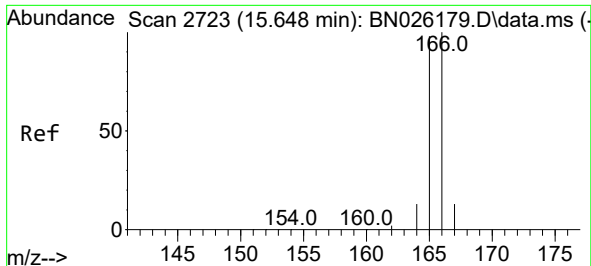
Tgt Ion:152 Resp: 7414
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.4
153 18.8 10.9 16.3#



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion:153 Resp: 3273
Ion Ratio Lower Upper
153 100
152 53.0 39.4 59.0
154 85.9 68.9 103.3

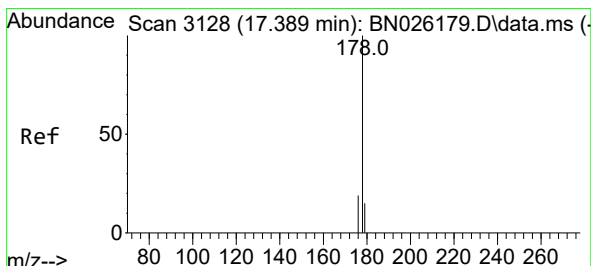
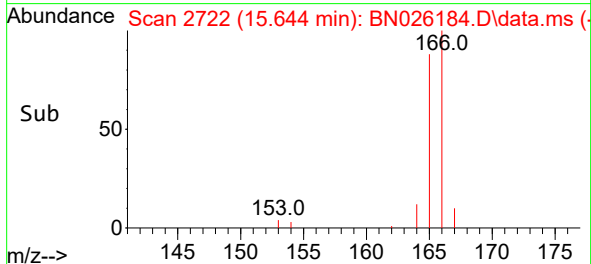
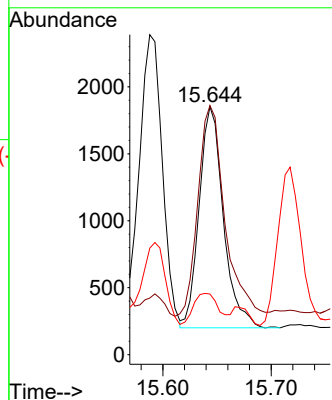
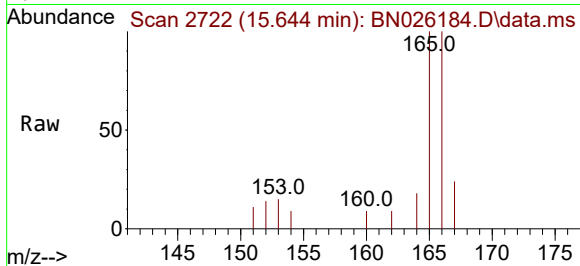




#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

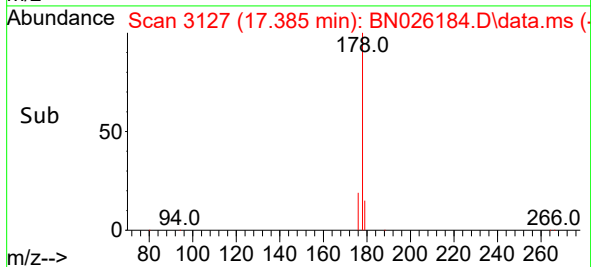
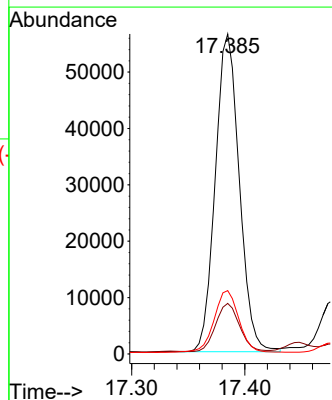
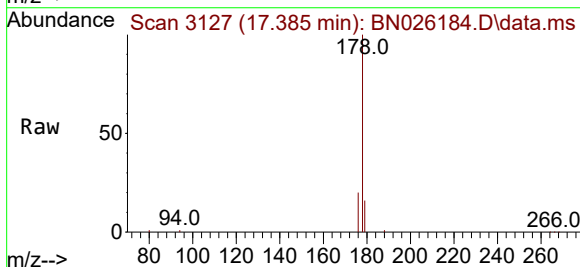
Instrument :
BNA_N
ClientSampleId :
DCGL2

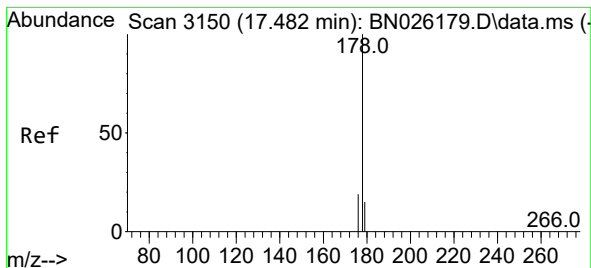
Tgt Ion:166 Resp: 2560
Ion Ratio Lower Upper
166 100
165 100.5 79.9 119.9
167 24.5 10.8 16.2#



#15
Phenanthrene
Concen: 0.775 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion:178 Resp: 83165
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.8 15.8 23.6





#16

Anthracene

Concen: 0.129 ng/ul

RT: 17.478 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

Instrument :

BNA_N

ClientSampleId :

DCGL2

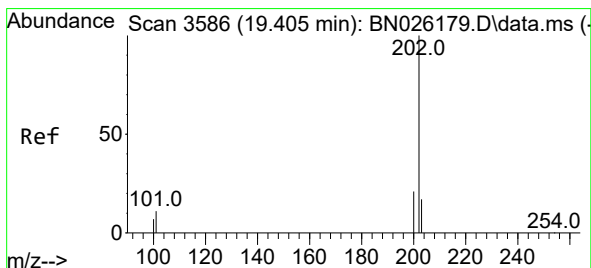
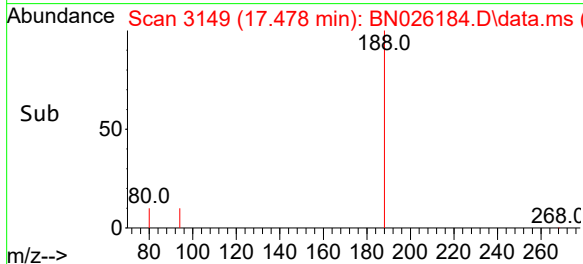
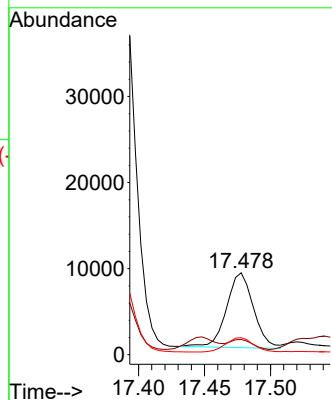
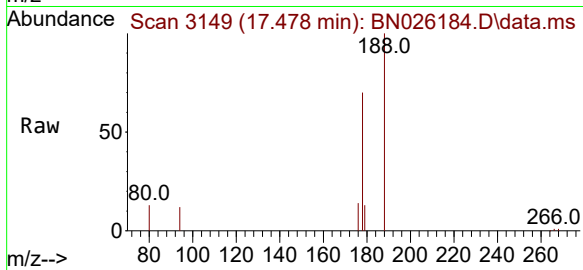
Tgt Ion:178 Resp: 12308

Ion Ratio Lower Upper

178 100

179 18.6 12.6 18.8

176 20.7 15.1 22.7



#19

Fluoranthene

Concen: 2.578 ng/ul

RT: 19.401 min Scan# 3585

Delta R.T. -0.010 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

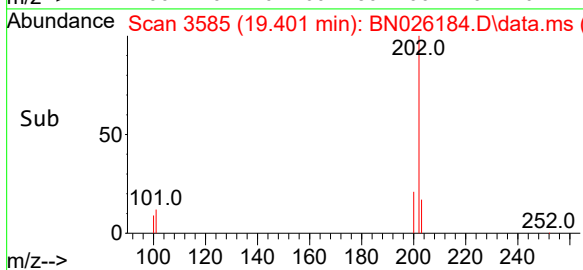
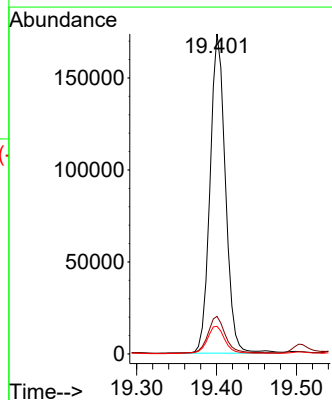
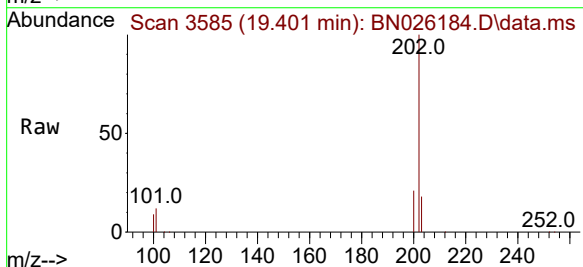
Tgt Ion:202 Resp: 232174

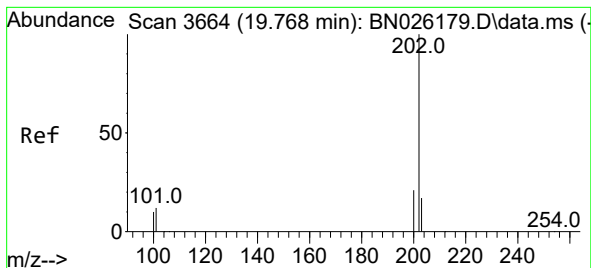
Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

100 8.7 7.3 10.9





#20

Pyrene

Concen: 2.015 ng/ul

RT: 19.763 min Scan# 3

Delta R.T. -0.010 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

Instrument :

BNA_N

ClientSampleId :

DCGL2

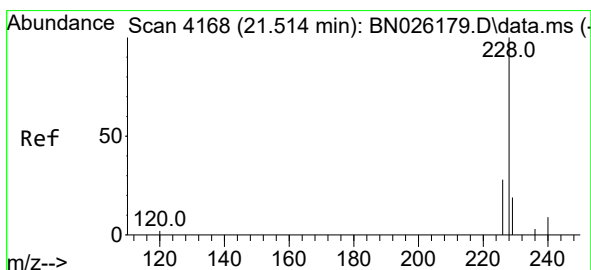
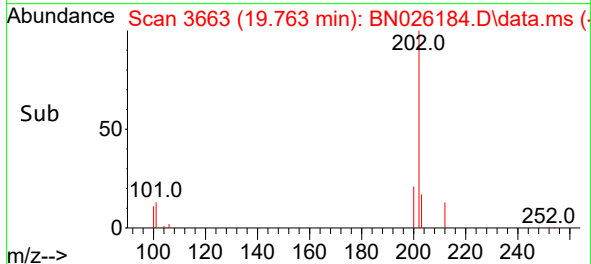
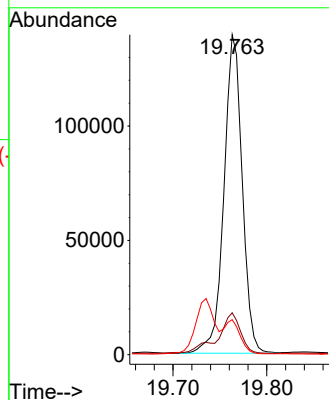
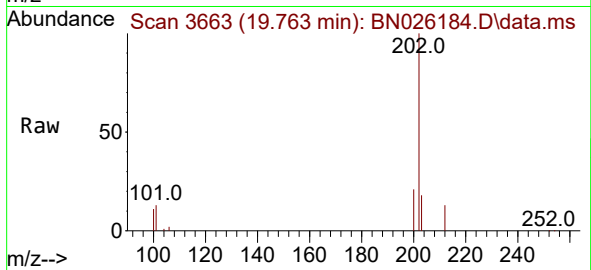
Tgt Ion:202 Resp: 188692

Ion Ratio Lower Upper

202 100

101 13.1 11.4 17.0

100 11.0 9.1 13.7



#21

Benzo(a)anthracene

Concen: 1.187 ng/ul

RT: 21.511 min Scan# 4167

Delta R.T. -0.015 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

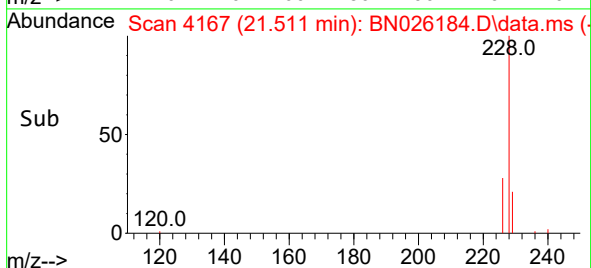
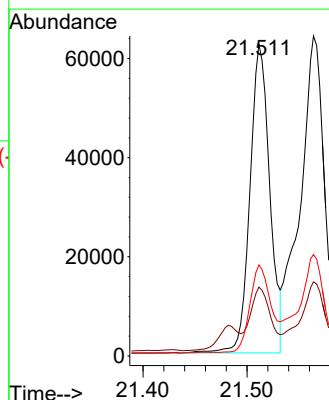
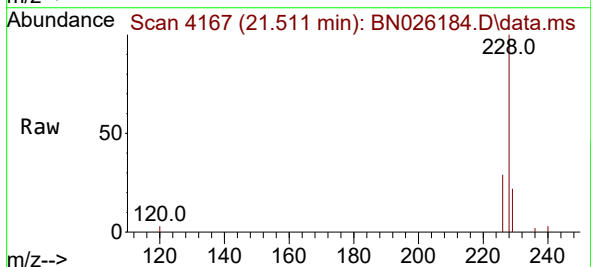
Tgt Ion:228 Resp: 82583

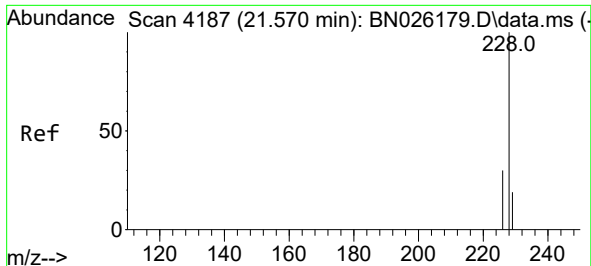
Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

226 29.2 22.5 33.7





#22

Chrysene

Concen: 1.450 ng/ul

RT: 21.564 min Scan# 4185

Delta R.T. -0.015 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

Instrument :

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DCGL2

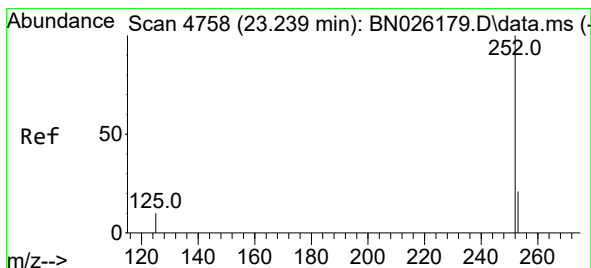
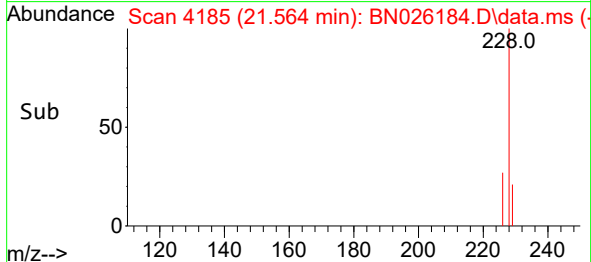
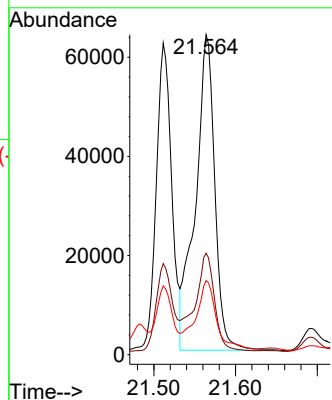
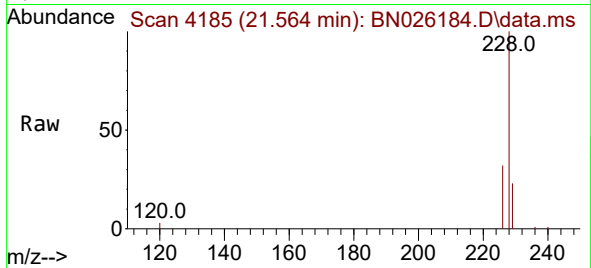
Tgt Ion:228 Resp: 104916

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

229 23.2 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 2.685 ng/ul

RT: 23.239 min Scan# 4758

Delta R.T. -0.004 min

Lab File: BN026184.D

Acq: 02 Jul 2023 12:05

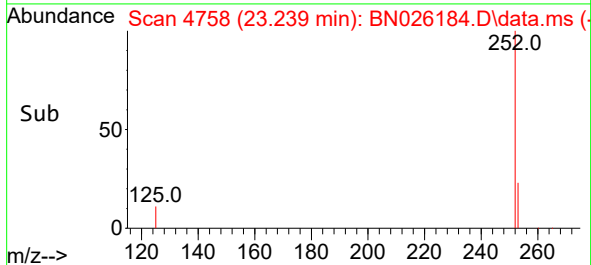
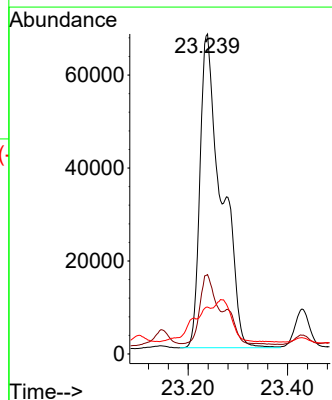
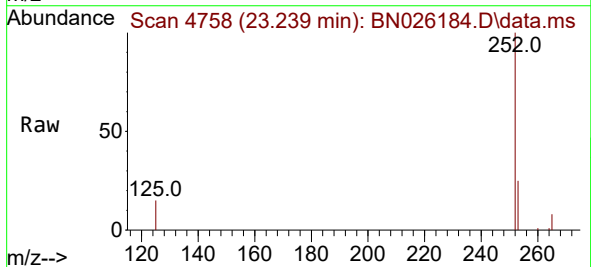
Tgt Ion:252 Resp: 204210

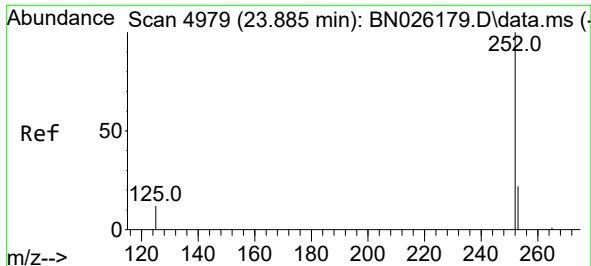
Ion Ratio Lower Upper

252 100

253 24.8 0.0 55.6

125 14.7 0.0 35.8

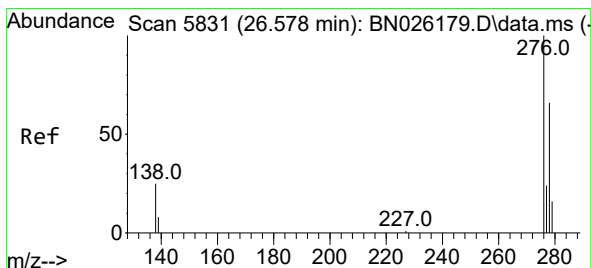
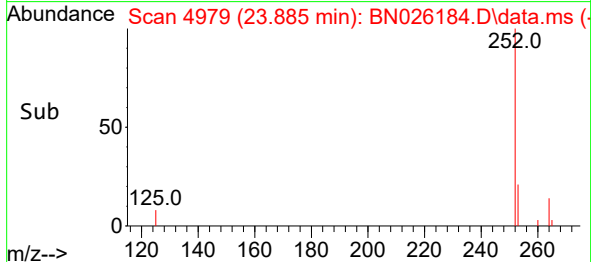
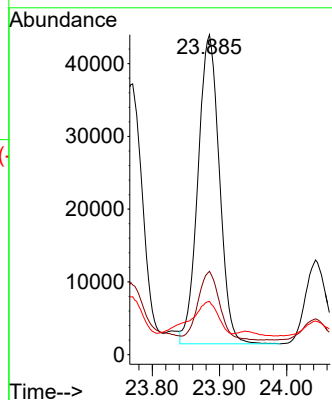
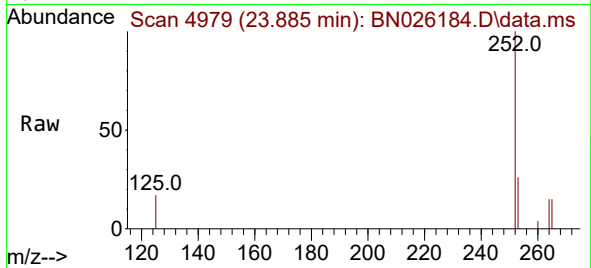




#26
Benzo(a)pyrene
Concen: 1.419 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

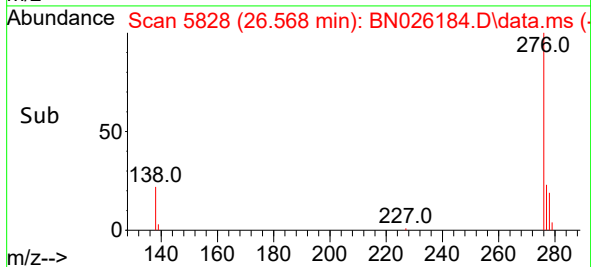
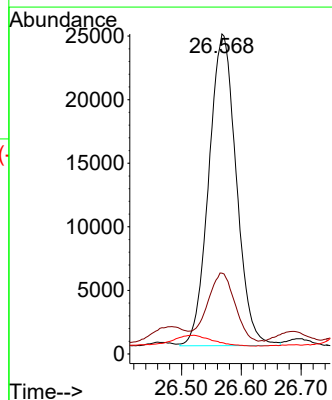
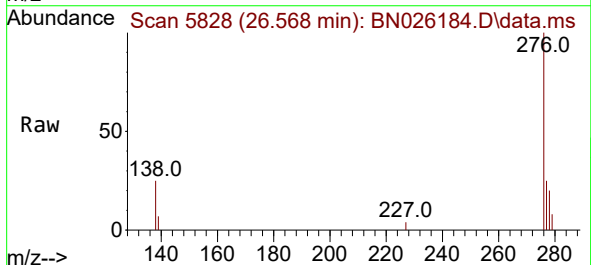
Instrument :
BNA_N
ClientSampleId :
DCGL2

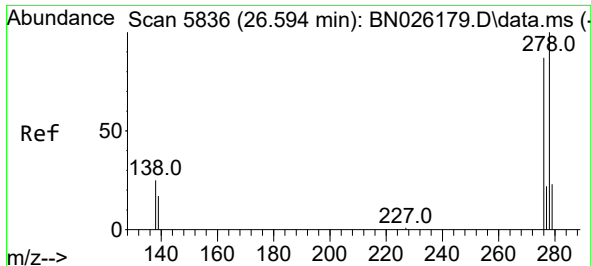
Tgt Ion:252 Resp: 93710
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 16.6 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.082 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. 0.009 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion:276 Resp: 78086
Ion Ratio Lower Upper
276 100
138 21.7 24.5 36.7#
227 0.0 0.0 0.0

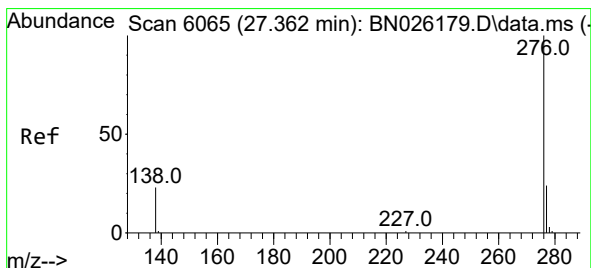
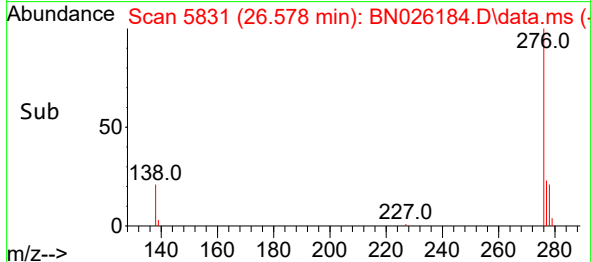
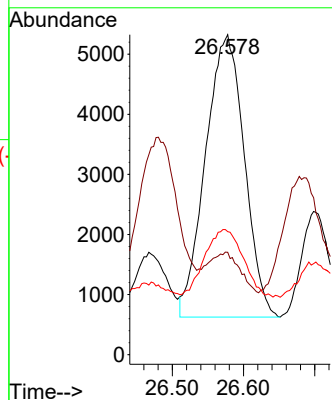
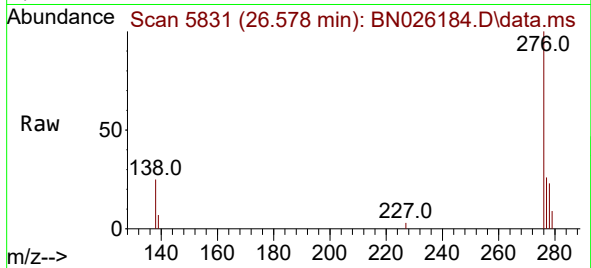




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.001 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Instrument :
BNA_N
ClientSampleId :
DCGL2

Tgt Ion:278 Resp: 17791
Ion Ratio Lower Upper
278 100
139 32.0 19.0 28.4#
279 38.5 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 1.122 ng/ul
RT: 27.373 min Scan# 6068
Delta R.T. 0.026 min
Lab File: BN026184.D
Acq: 02 Jul 2023 12:05

Tgt Ion:276 Resp: 72018
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 25.4 20.0 30.0

