

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026684.D
 Acq On : 23 Jul 2023 20:10
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:42:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

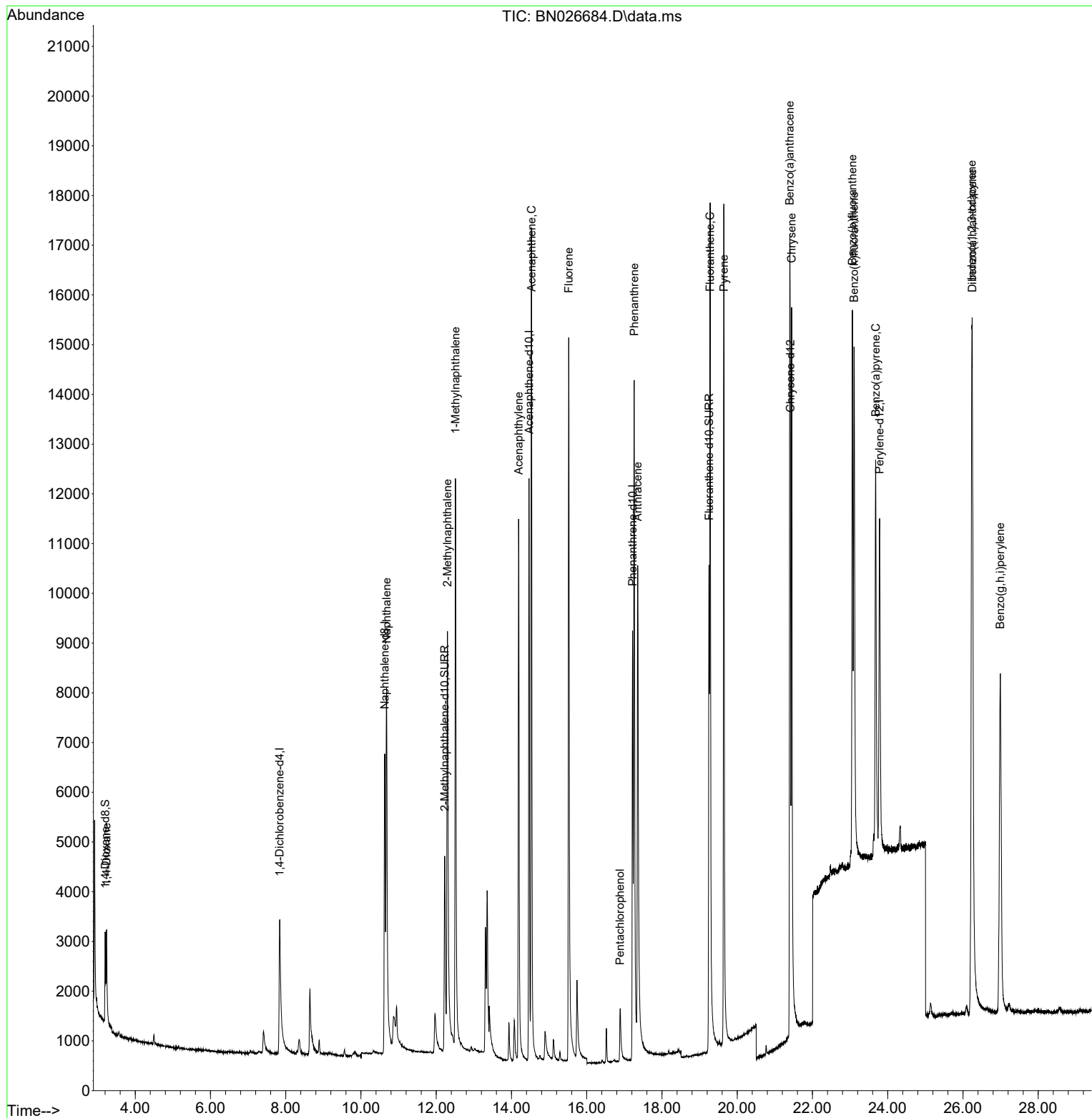
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	3128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.630	136	11452	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	7121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	12911	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	8561	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	10303	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1379	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	7194	0.462	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	13852	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	1416	0.363	ng/ul#	85
5) Naphthalene	10.680	128	13432	0.427	ng/ul	98
7) 2-Methylnaphthalene	12.297	142	8361	0.469	ng/ul	100
8) 1-Methylnaphthalene	12.511	142	9137	0.478	ng/ul	100
10) Acenaphthylene	14.189	152	15187	0.436	ng/ul	98
11) Acenaphthene	14.532	153	11337	0.427	ng/ul	99
12) Fluorene	15.522	166	12135	0.435	ng/ul	100
14) Pentachlorophenol	16.886	266	1157	0.355	ng/ul	97
15) Phenanthrene	17.261	178	17357	0.422	ng/ul	98
16) Anthracene	17.354	178	15742	0.441	ng/ul	96
19) Fluoranthene	19.278	202	18172	0.453	ng/ul	98
20) Pyrene	19.645	202	18941	0.435	ng/ul	98
21) Benzo(a)anthracene	21.396	228	14384	0.457	ng/ul	99
22) Chrysene	21.446	228	15074	0.421	ng/ul	99
24) Benzo(b)fluoranthene	23.059	252	15952	0.397	ng/ul	92
25) Benzo(k)fluoranthene	23.106	252	16745	0.398	ng/ul	94
26) Benzo(a)pyrene	23.682	252	14995	0.420	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.237	276	20502	0.438	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.247	278	16217	0.451	ng/ul#	88
29) Benzo(g,h,i)perylene	26.992	276	17433	0.422	ng/ul#	92

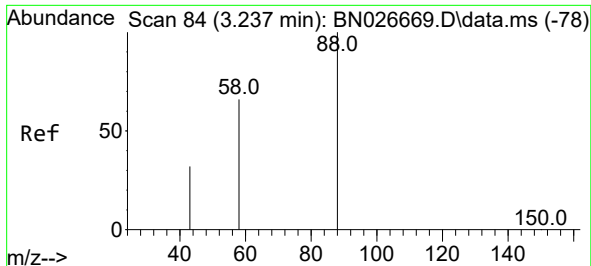
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026684.D
Acq On : 23 Jul 2023 20:10
Operator : MA/JU
Sample : SSTCCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

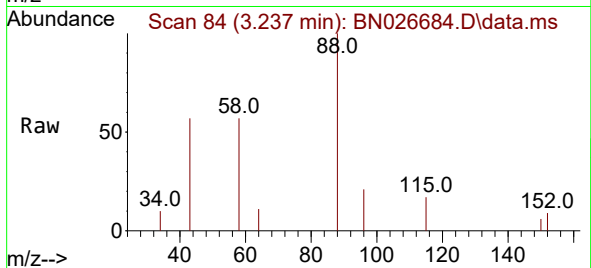
Quant Time: Jul 24 00:42:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



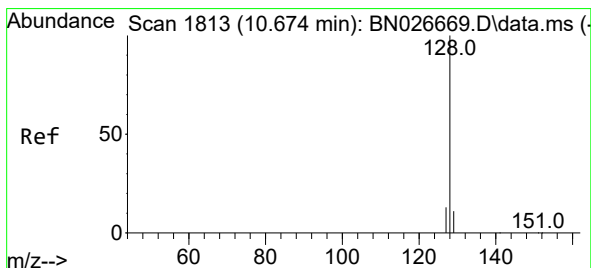
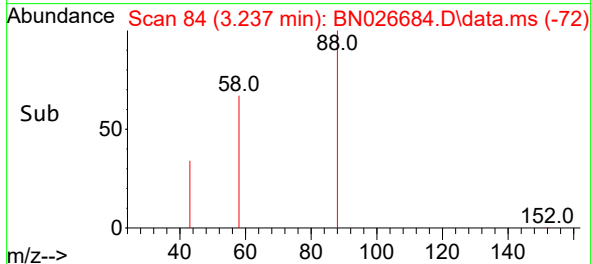
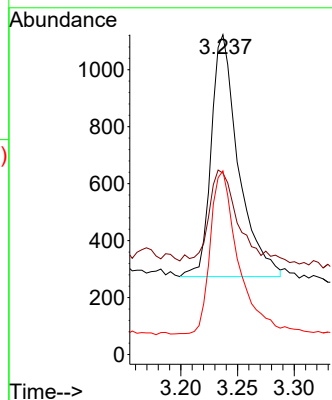


#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

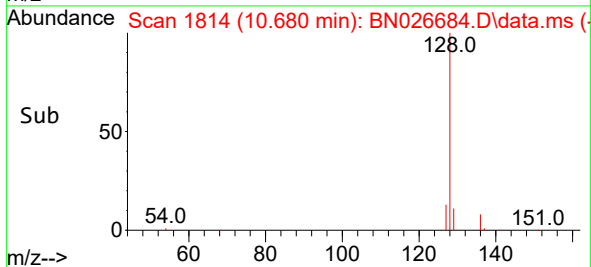
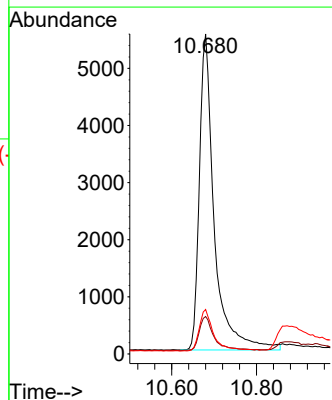
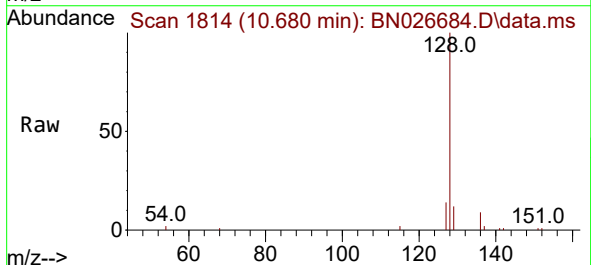


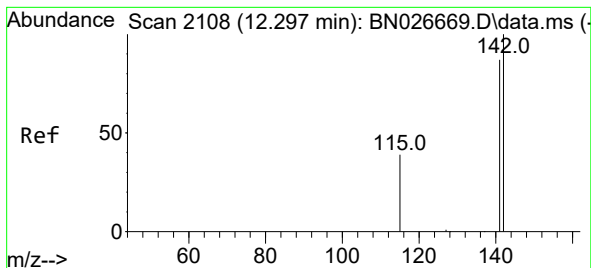
Tgt Ion: 88 Resp: 1416
Ion Ratio Lower Upper
88 100
43 56.7 33.0 49.6#
58 57.4 41.7 62.5



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

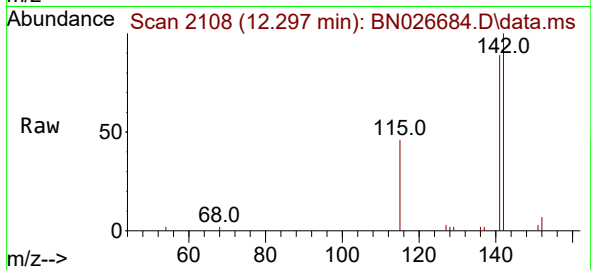
Tgt Ion:128 Resp: 13432
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 13.9 11.4 17.0



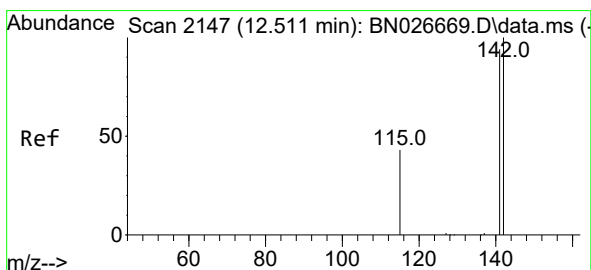
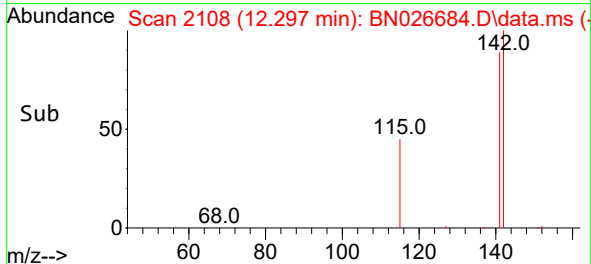
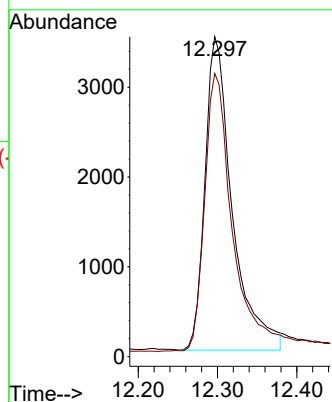


#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

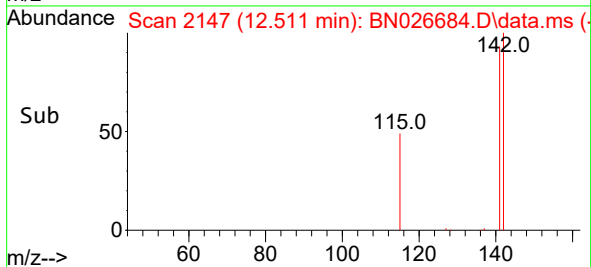
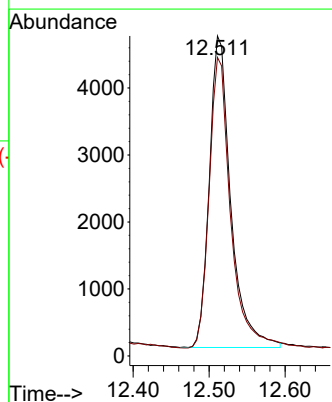
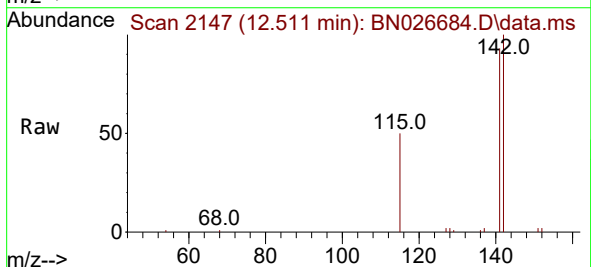


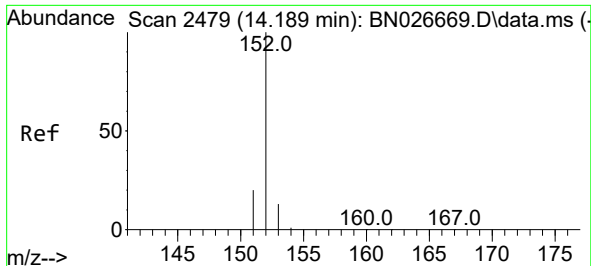
Tgt Ion:142 Resp: 8361
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

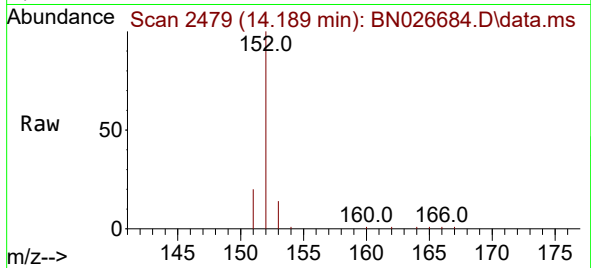
Tgt Ion:142 Resp: 9137
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7



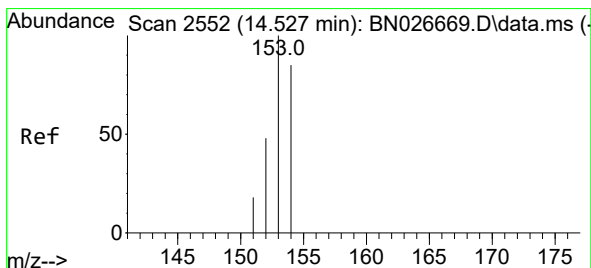
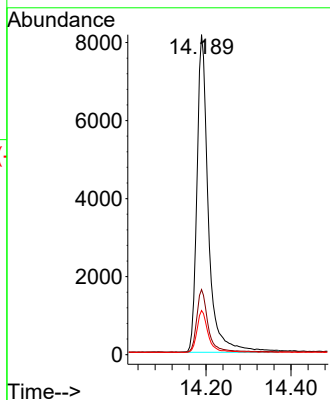
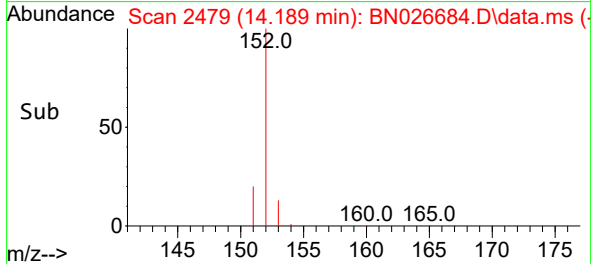


#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

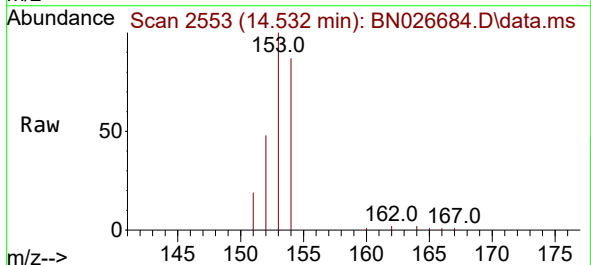
Instrument :
BNA_N
ClientSampleId :



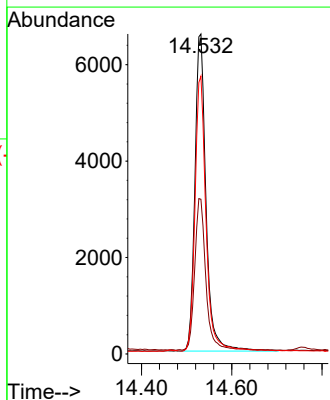
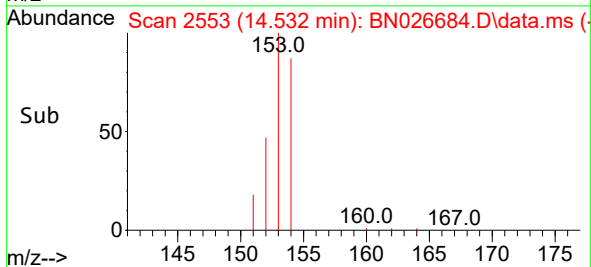
Tgt Ion:152 Resp: 15187
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.6
153 13.8 11.4 17.2

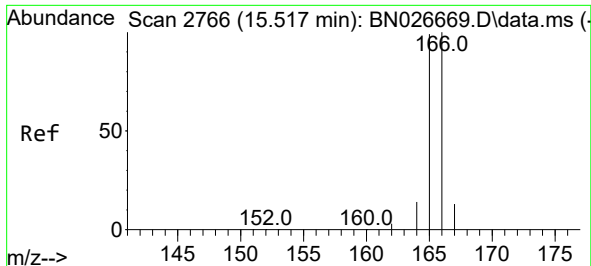


#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. 0.004 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10



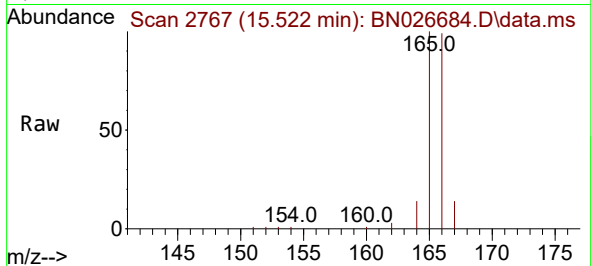
Tgt Ion:153 Resp: 11337
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.4
154 86.8 69.3 103.9



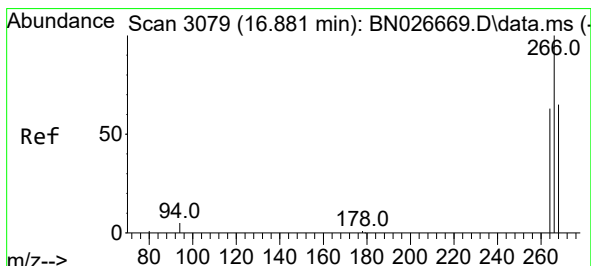
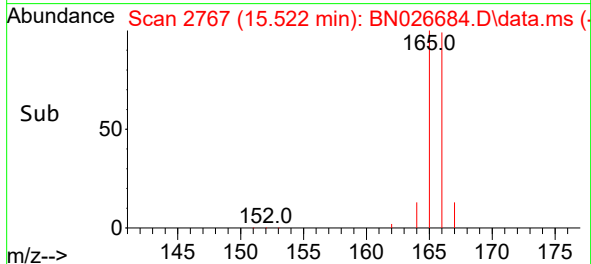
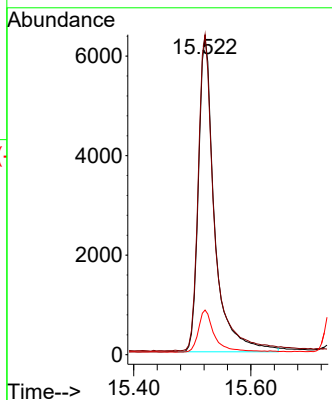


#12
 Fluorene
 Concen: 0.435 ng/ul
 RT: 15.522 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN026684.D
 Acq: 23 Jul 2023 20:10

Instrument :
 BNA_N
 ClientSampleId :

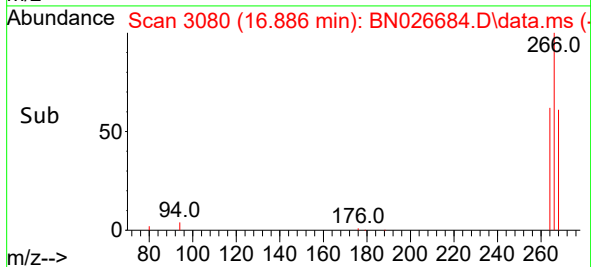
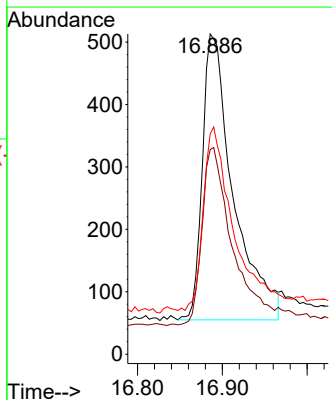
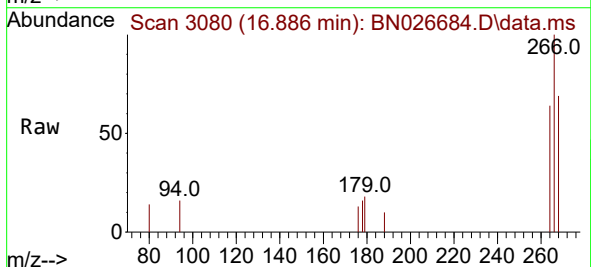


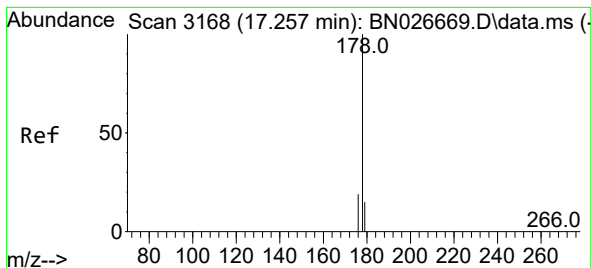
Tgt Ion:166 Resp: 12135
 Ion Ratio Lower Upper
 166 100
 165 100.9 80.6 120.8
 167 14.1 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.355 ng/ul
 RT: 16.886 min Scan# 3080
 Delta R.T. 0.004 min
 Lab File: BN026684.D
 Acq: 23 Jul 2023 20:10

Tgt Ion:266 Resp: 1157
 Ion Ratio Lower Upper
 266 100
 264 63.0 52.0 78.0
 268 63.4 53.0 79.6





#15

Phenanthrene

Concen: 0.422 ng/ul

RT: 17.261 min Scan# 3168

Delta R.T. 0.004 min

Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

Instrument :

BNA_N

ClientSampleId :

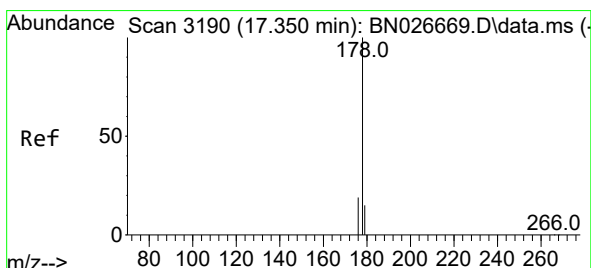
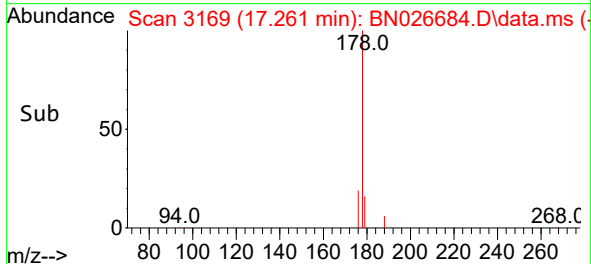
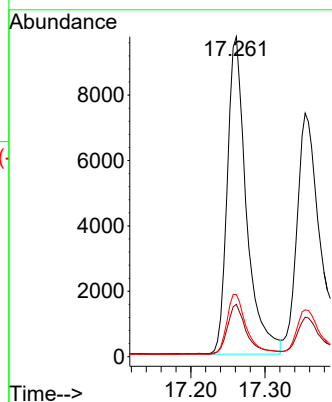
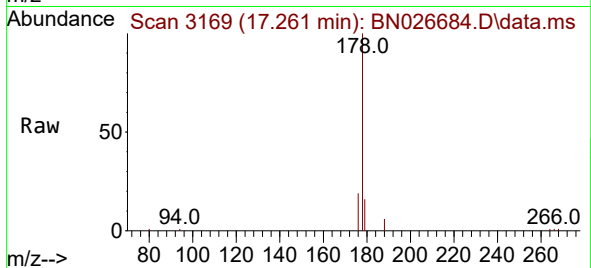
Tgt Ion:178 Resp: 17357

Ion Ratio Lower Upper

178 100

179 16.3 13.7 20.5

176 19.4 16.5 24.7



#16

Anthracene

Concen: 0.441 ng/ul

RT: 17.354 min Scan# 3191

Delta R.T. 0.004 min

Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

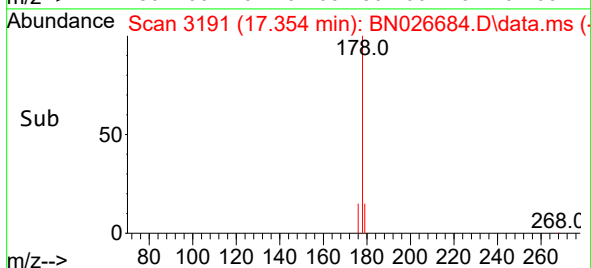
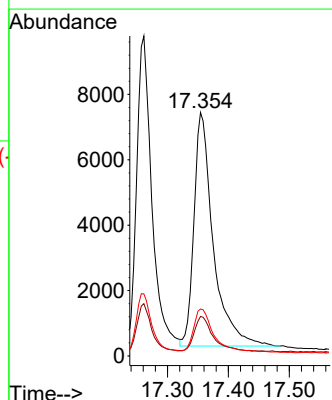
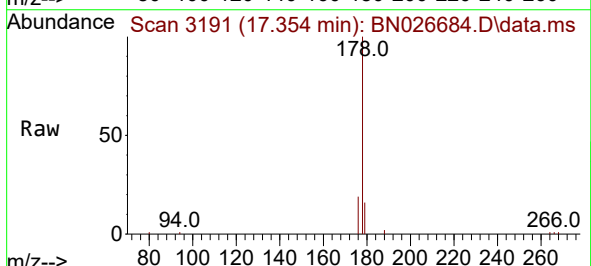
Tgt Ion:178 Resp: 15742

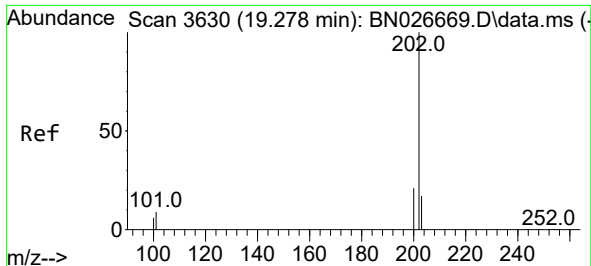
Ion Ratio Lower Upper

178 100

179 16.2 14.8 22.2

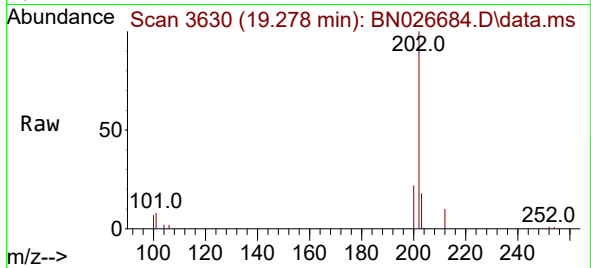
176 19.3 16.6 25.0



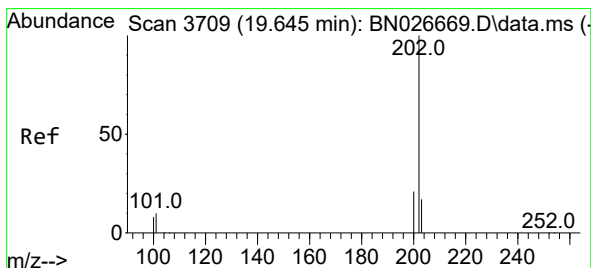
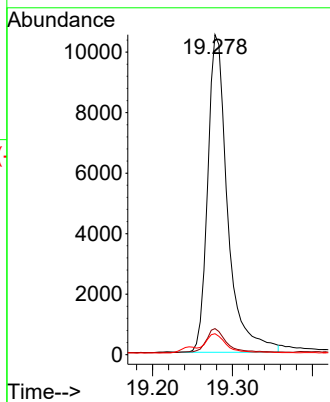
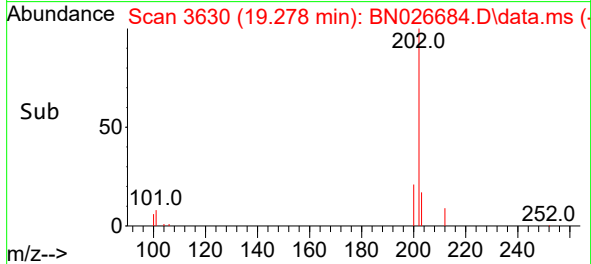


#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

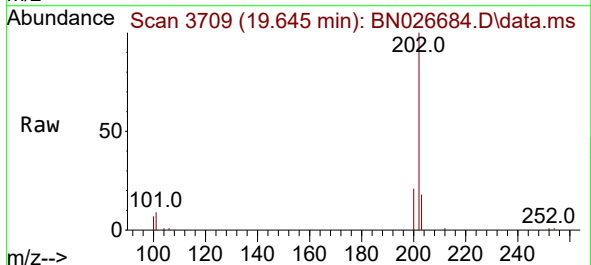
Instrument :
BNA_N
ClientSampleId :



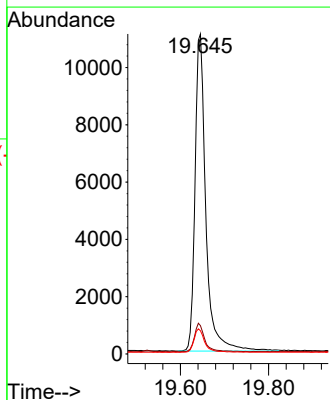
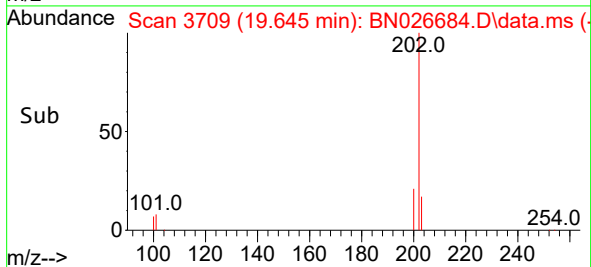
Tgt Ion:202 Resp: 18172
Ion Ratio Lower Upper
202 100
101 8.1 7.0 10.4
100 6.5 6.0 9.0

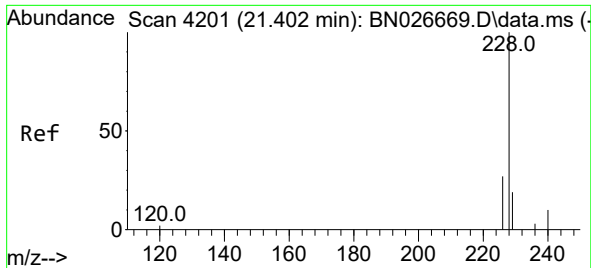


#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10



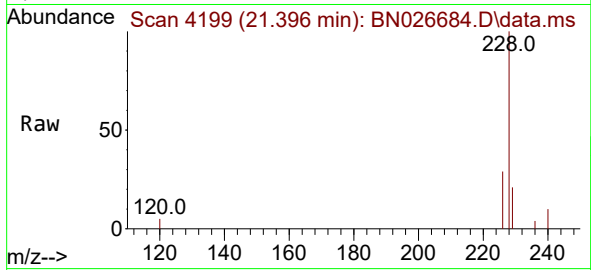
Tgt Ion:202 Resp: 18941
Ion Ratio Lower Upper
202 100
101 8.9 8.0 12.0
100 7.3 6.2 9.2



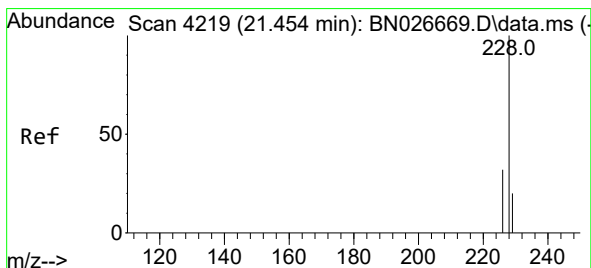
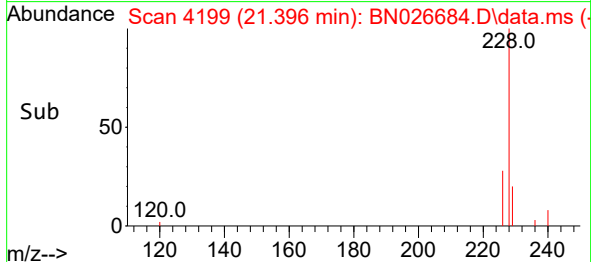
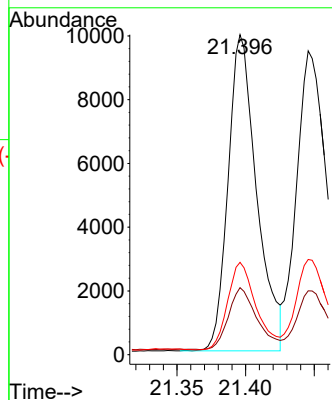


#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

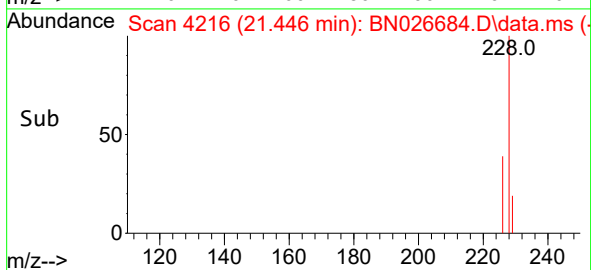
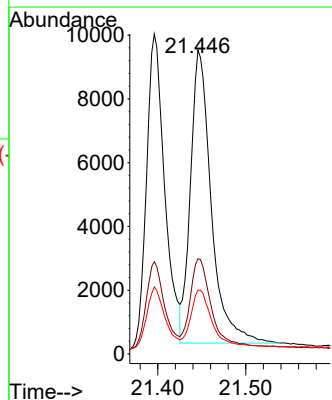
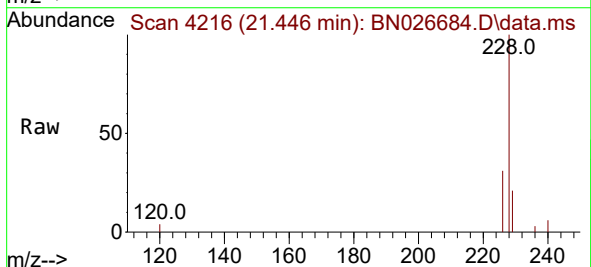


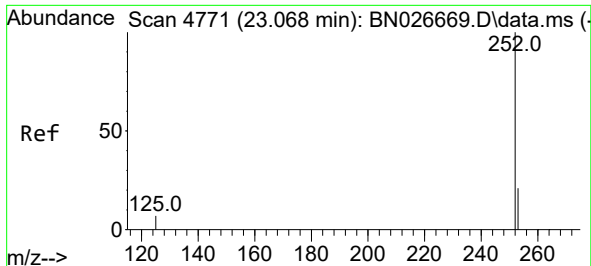
Tgt Ion:228 Resp: 14384
Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 28.8 23.5 35.3



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

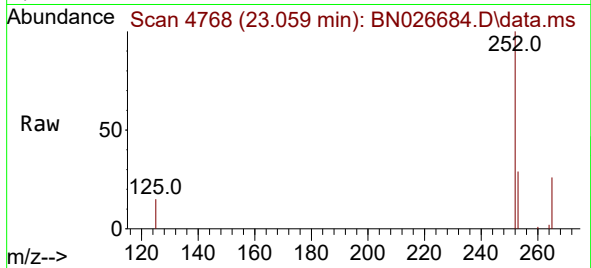
Tgt Ion:228 Resp: 15074
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.0 16.4 24.6



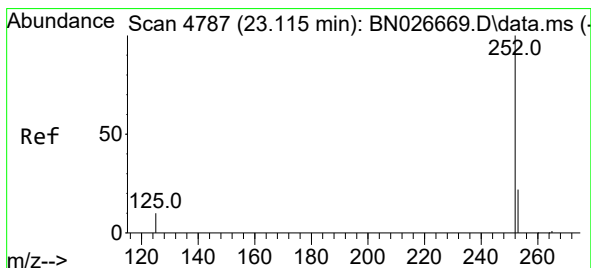
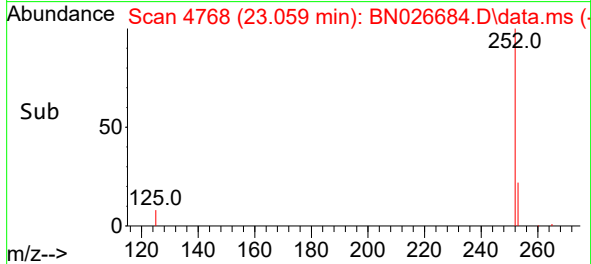
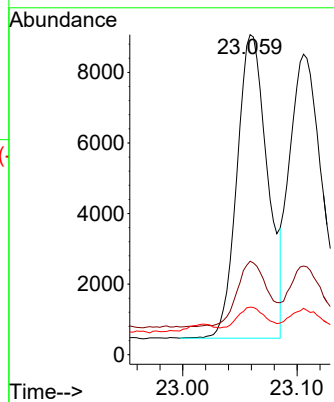


#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

Instrument :
BNA_N
ClientSampleId :

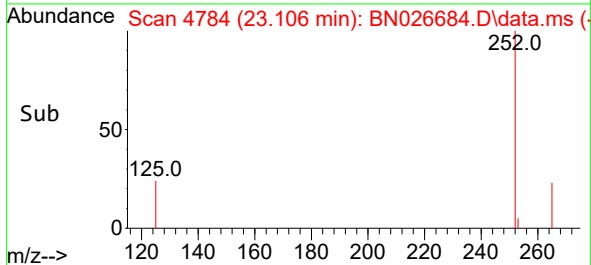
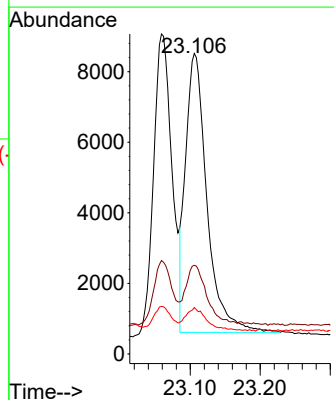
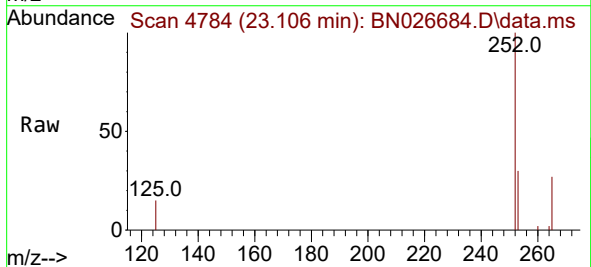


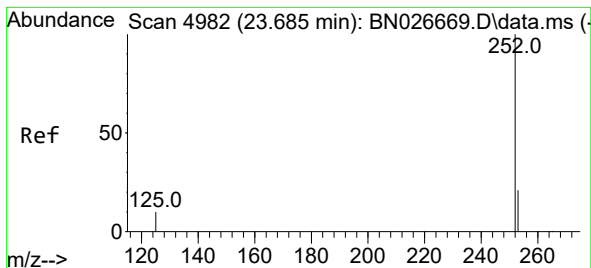
Tgt Ion:252 Resp: 15952
Ion Ratio Lower Upper
252 100
253 29.2 0.0 68.6
125 14.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026684.D
Acq: 23 Jul 2023 20:10

Tgt Ion:252 Resp: 16745
Ion Ratio Lower Upper
252 100
253 29.5 27.2 40.8
125 15.4 13.4 20.2





#26

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.682 min Scan# 4981

Delta R.T. -0.003 min

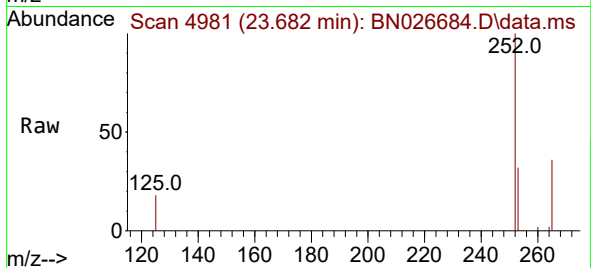
Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

Instrument :

BNA_N

ClientSampleId :



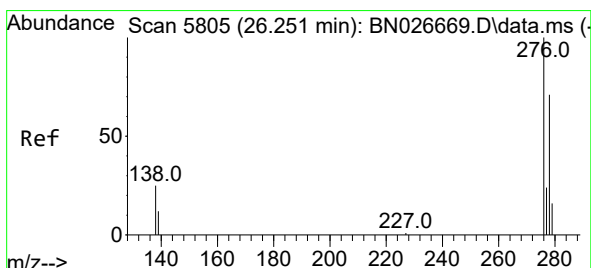
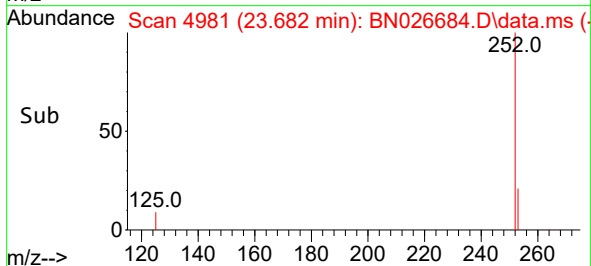
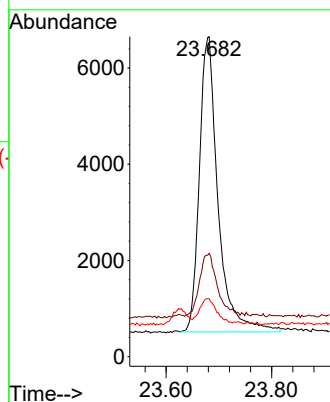
Tgt Ion:252 Resp: 14995

Ion Ratio Lower Upper

252 100

253 32.3 32.6 49.0#

125 18.1 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 26.237 min Scan# 5801

Delta R.T. -0.014 min

Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

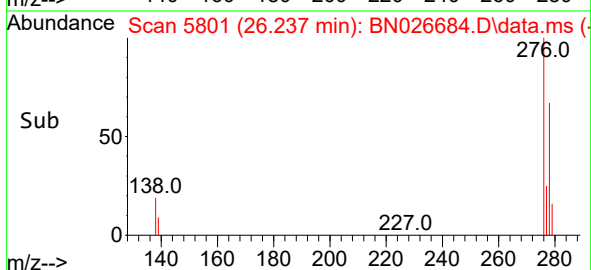
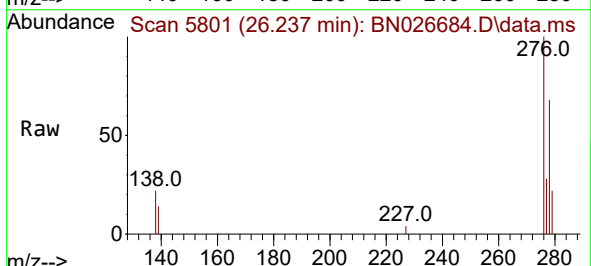
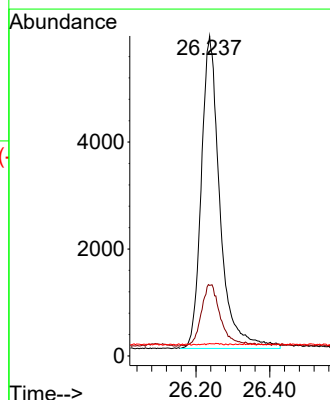
Tgt Ion:276 Resp: 20502

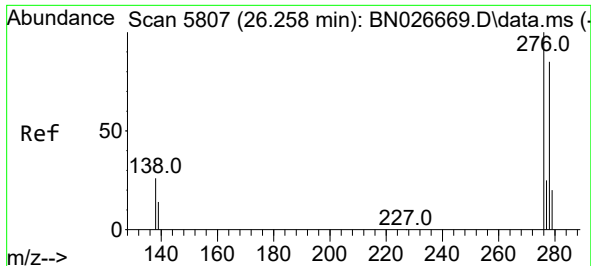
Ion Ratio Lower Upper

276 100

138 20.1 22.2 33.4#

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.451 ng/ul

RT: 26.247 min Scan# 5807

Delta R.T. -0.011 min

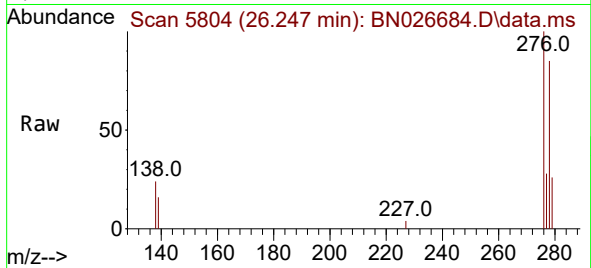
Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

Instrument :

BNA_N

ClientSampleId :



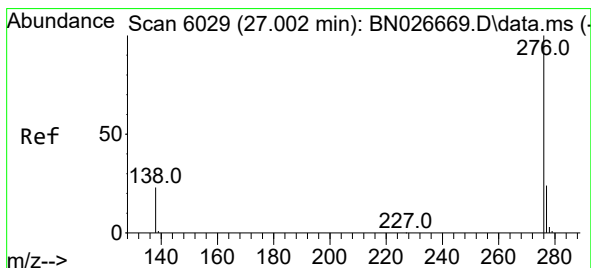
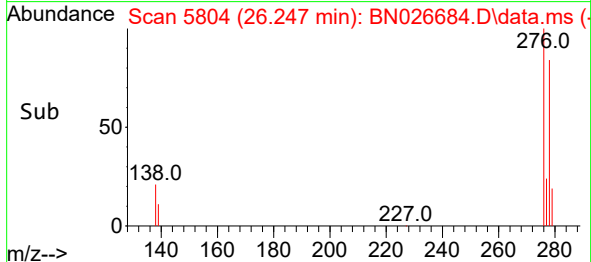
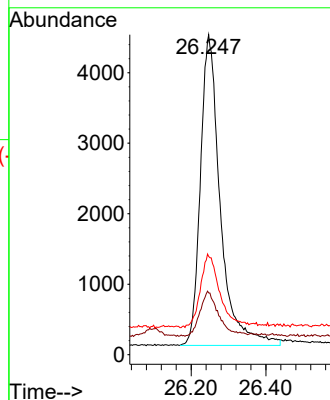
Tgt Ion:278 Resp: 16217

Ion Ratio Lower Upper

278 100

139 19.3 18.9 28.3

279 30.7 31.3 46.9#



#29

Benzo(g,h,i)perylene

Concen: 0.422 ng/ul

RT: 26.992 min Scan# 6026

Delta R.T. -0.011 min

Lab File: BN026684.D

Acq: 23 Jul 2023 20:10

Tgt Ion:276 Resp: 17433

Ion Ratio Lower Upper

276 100

138 21.2 22.6 34.0#

277 26.6 21.8 32.8

