

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026665.D
 Acq On : 22 Jul 2023 21:37
 Operator : MA/JU
 Sample : 03504-21MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5MS

Quant Time: Jul 22 23:33:01 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

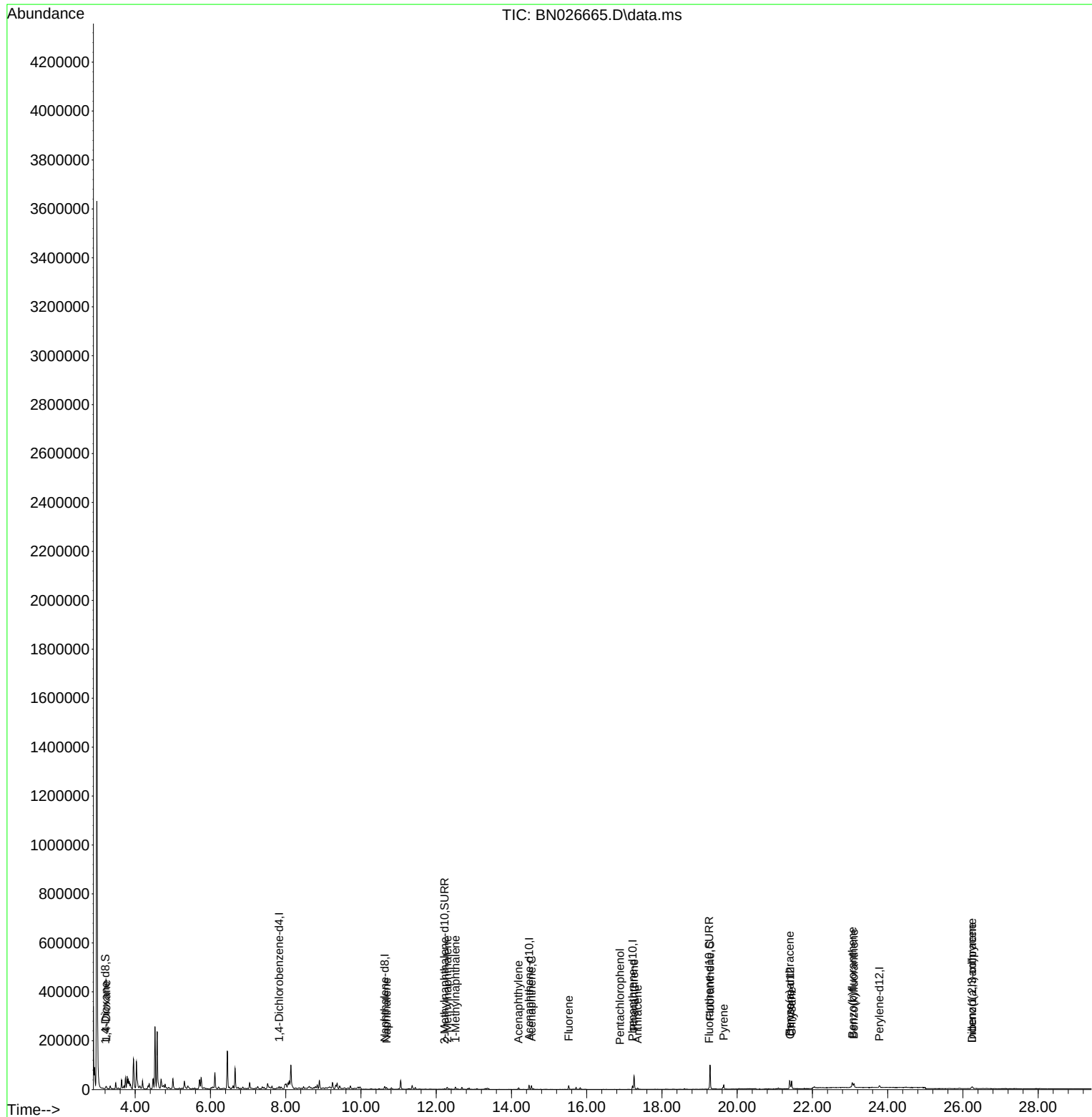
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	5330	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	16972	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.467	164	9439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	18620	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	11137	0.400	ng/ul	#-0.02
23) Perylene-d12	23.781	264	10940	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	1120	0.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	3698	0.160	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	5113	0.132	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.233	88	4651	0.700	ng/ul#	1
5) Naphthalene	10.680	128	10550	0.226	ng/ul	99
7) 2-Methylnaphthalene	12.297	142	5838	0.221	ng/ul	98
8) 1-Methylnaphthalene	12.511	142	6252	0.221	ng/ul	96
10) Acenaphthylene	14.189	152	8447	0.183	ng/ul	97
11) Acenaphthene	14.532	153	9470	0.269	ng/ul	99
12) Fluorene	15.522	166	10839	0.293	ng/ul	99
14) Pentachlorophenol	16.886	266	139	0.030	ng/ul	97
15) Phenanthrene	17.257	178	64908	1.095	ng/ul	97
16) Anthracene	17.354	178	7434	0.144	ng/ul	99
19) Fluoranthene	19.278	202	89212	1.709	ng/ul	98
20) Pyrene	19.641	202	16513	0.291	ng/ul#	93
21) Benzo(a)anthracene	21.393	228	28505	0.696	ng/ul	98
22) Chrysene	21.446	228	29201	0.627	ng/ul	97
24) Benzo(b)fluoranthene	23.059	252	31737	0.745	ng/ul	89
25) Benzo(k)fluoranthene	23.103	252	20211	0.452	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.241	276	6130	0.123	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.244	278	10714	0.281	ng/ul#	85

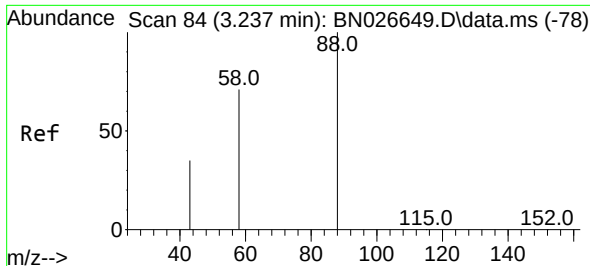
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 23:33:01 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 : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

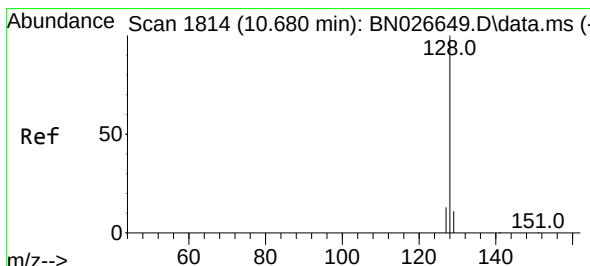
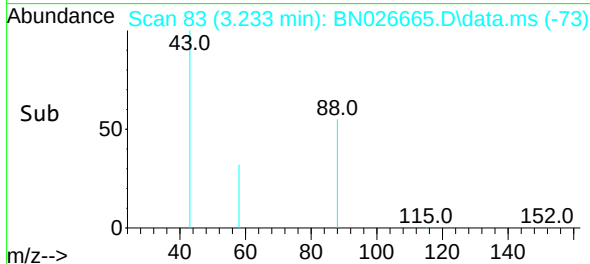
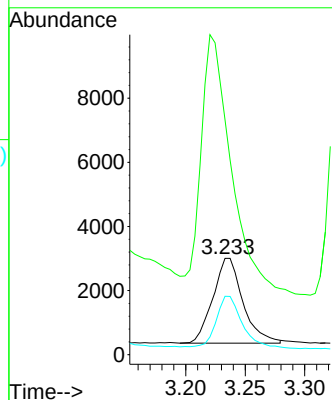
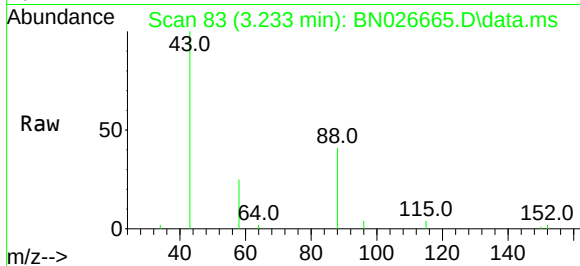




#2
 1,4-Dioxane
 Concen: 0.700 ng/ul
 RT: 3.233 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BN026665.D
 Acq: 22 Jul 2023 21:37

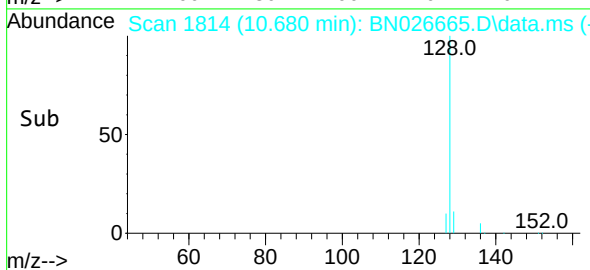
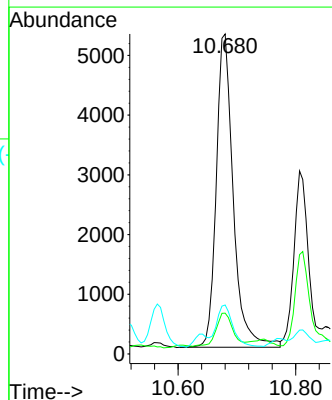
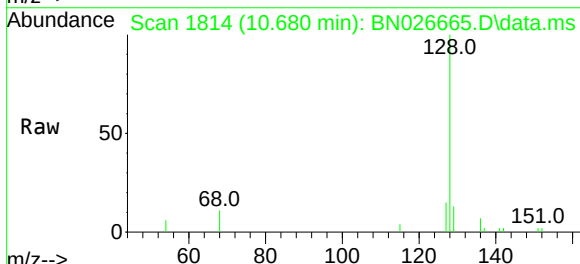
Instrument :
 BNA_N
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 A46T5MS

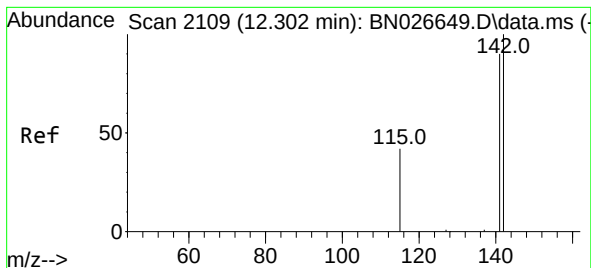
Tgt Ion: 88 Resp: 4651
 Ion Ratio Lower Upper
 88 100
 43 244.0 33.0 49.6#
 58 60.6 41.7 62.5



#5
 Naphthalene
 Concen: 0.226 ng/ul
 RT: 10.680 min Scan# 1814
 Delta R.T. -0.011 min
 Lab File: BN026665.D
 Acq: 22 Jul 2023 21:37

Tgt Ion: 128 Resp: 10550
 Ion Ratio Lower Upper
 128 100
 129 12.7 10.2 15.2
 127 15.3 11.4 17.0

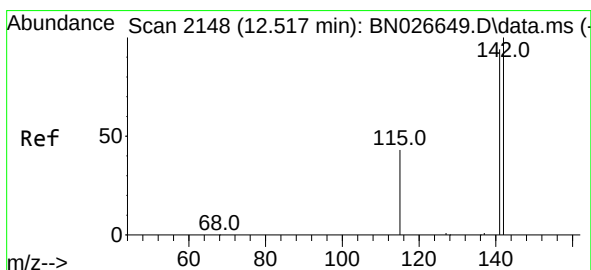
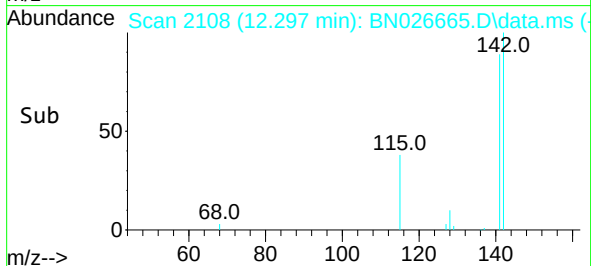
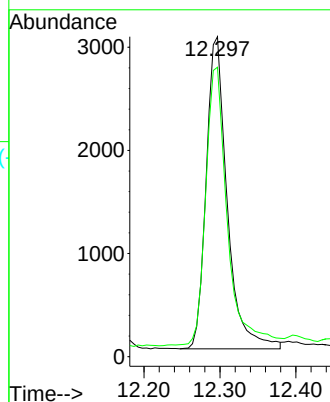
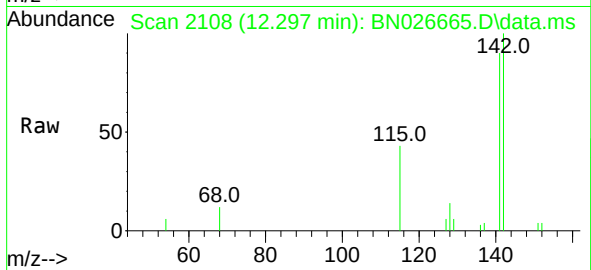




#7
2-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. -0.016 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

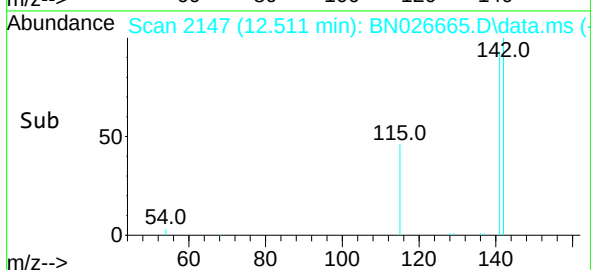
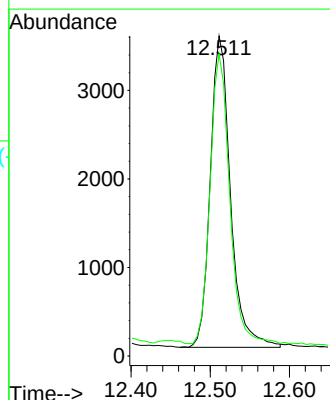
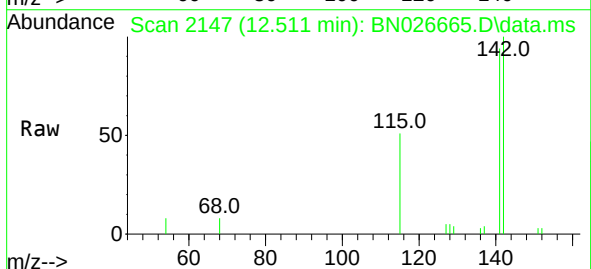
Instrument :
BNA_N
ClientSampleId :
A46T5MS

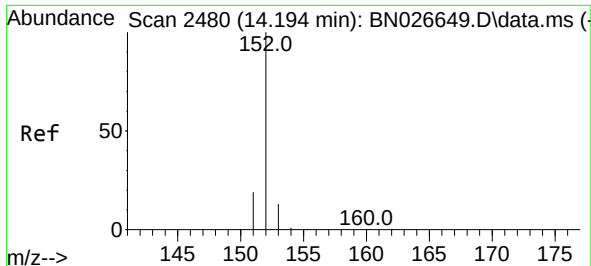
Tgt Ion:142 Resp: 5838
Ion Ratio Lower Upper
142 100
141 92.0 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:142 Resp: 6252
Ion Ratio Lower Upper
142 100
141 89.2 74.5 111.7

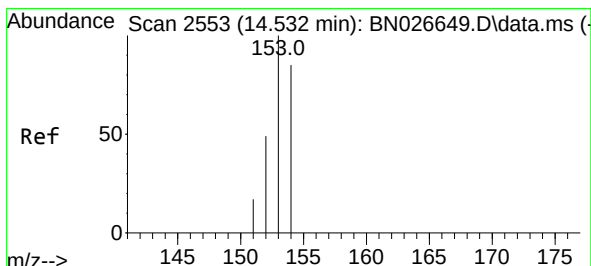
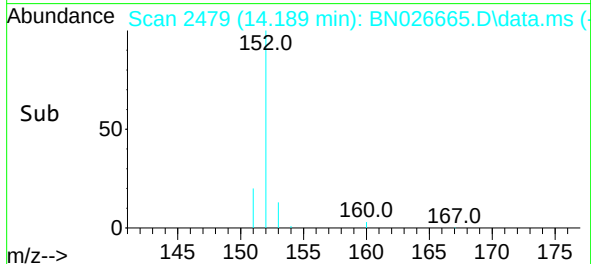
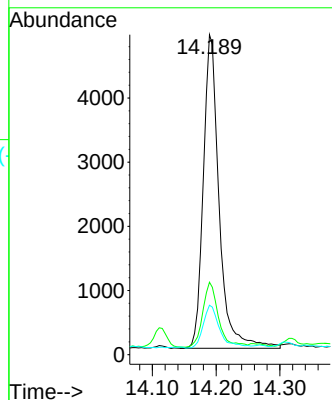
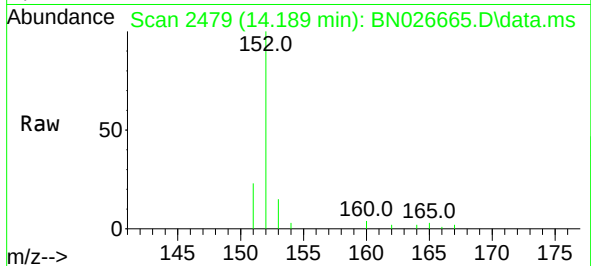




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.189 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

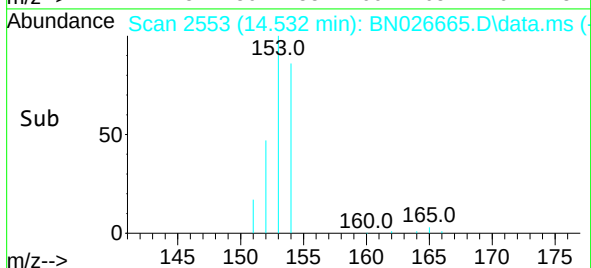
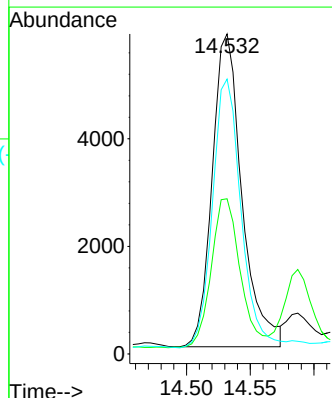
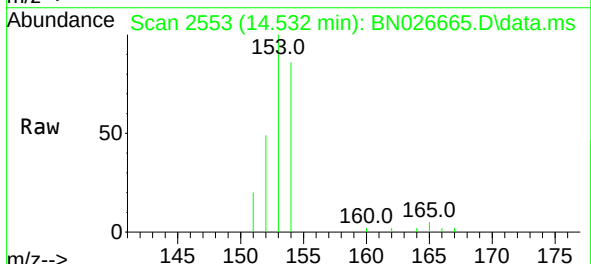
Instrument :
BNA_N
ClientSampleId :
A46T5MS

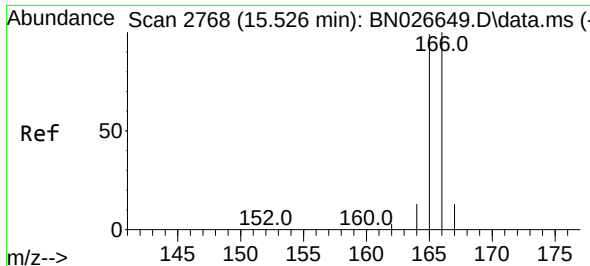
Tgt Ion:152 Resp: 8447
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.6
153 15.5 11.4 17.2



#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:153 Resp: 9470
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 85.9 69.3 103.9

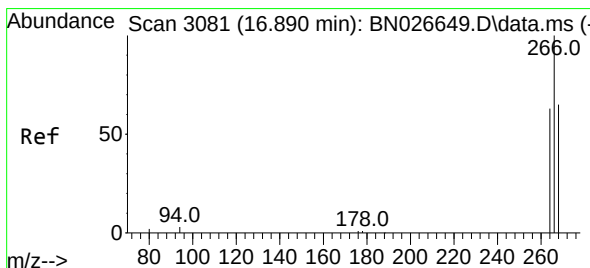
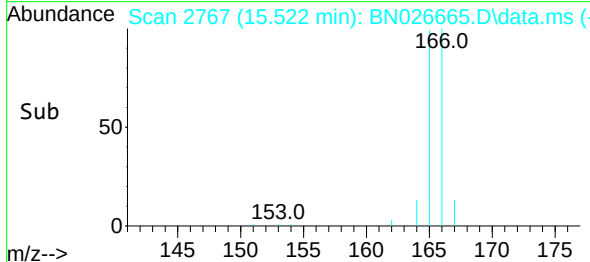
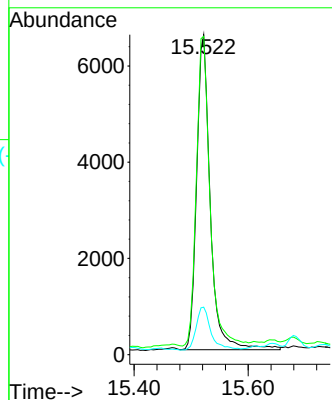
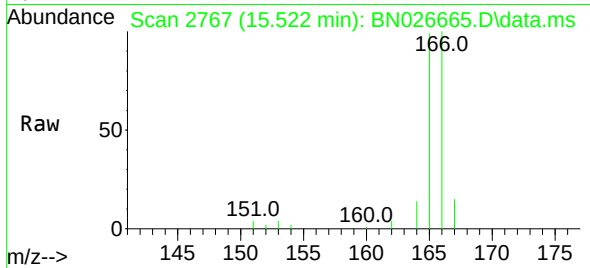




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

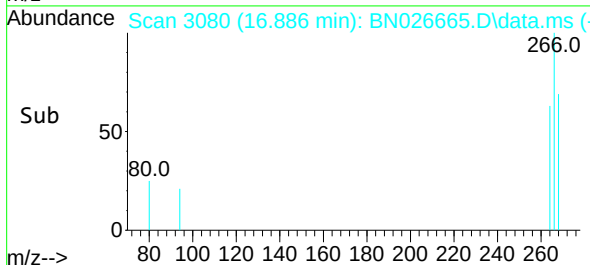
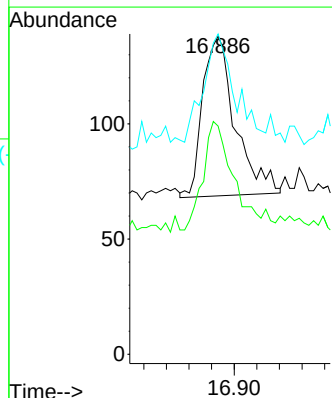
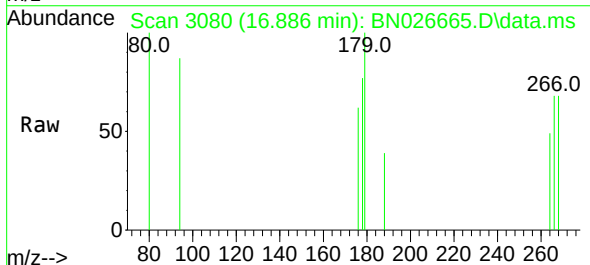
Instrument :
BNA_N
ClientSampleId :
A46T5MS

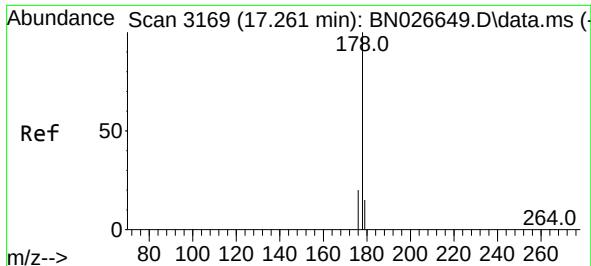
Tgt Ion:166 Resp: 10839
Ion Ratio Lower Upper
166 100
165 99.5 80.6 120.8
167 14.8 12.0 18.0



#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:266 Resp: 139
Ion Ratio Lower Upper
266 100
264 64.0 52.0 78.0
268 70.5 53.0 79.6

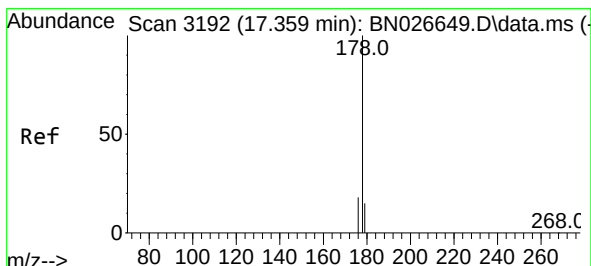
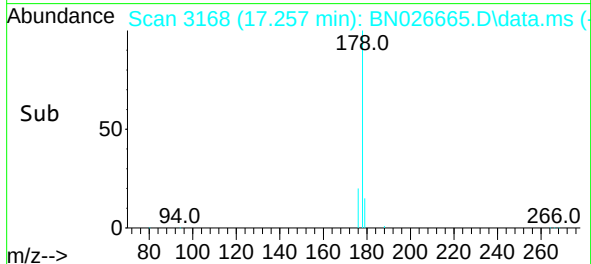
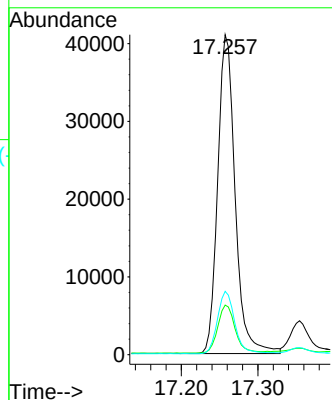
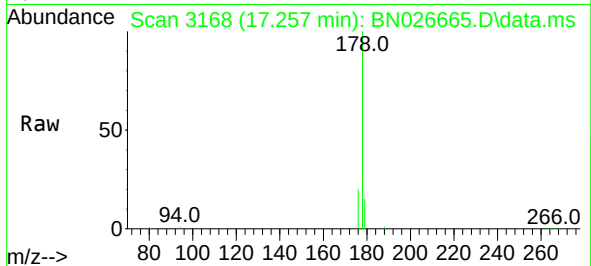




#15
Phenanthrene
Concen: 1.095 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

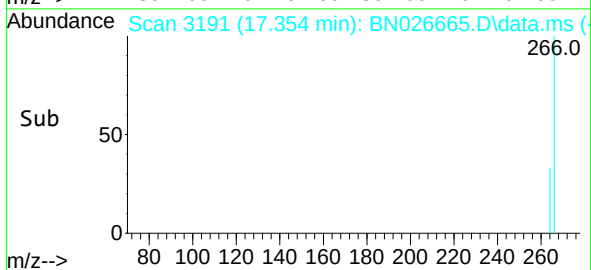
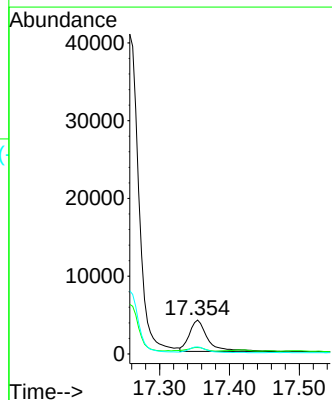
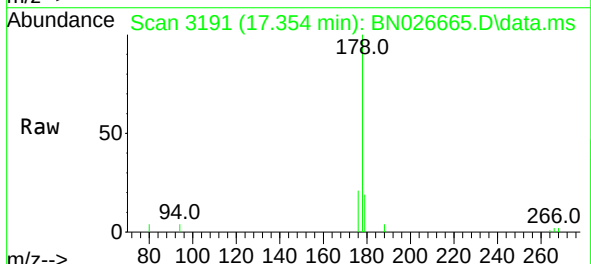
Instrument :
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ClientSampleId :
A46T5MS

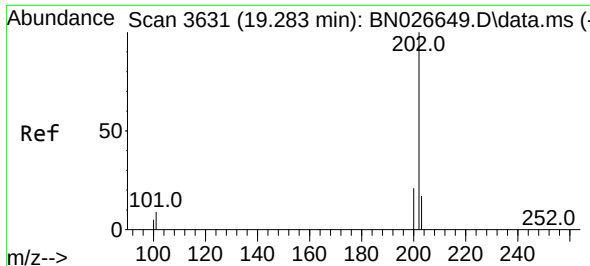
Tgt Ion:178 Resp: 64908
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.8 16.5 24.7



#16
Anthracene
Concen: 0.144 ng/ul
RT: 17.354 min Scan# 3191
Delta R.T. -0.008 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:178 Resp: 7434
Ion Ratio Lower Upper
178 100
179 18.9 14.8 22.2
176 20.9 16.6 25.0

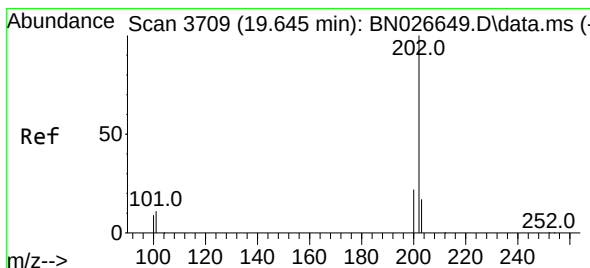
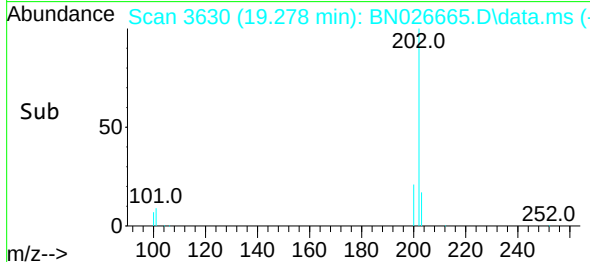
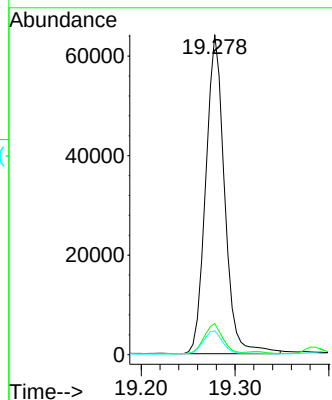
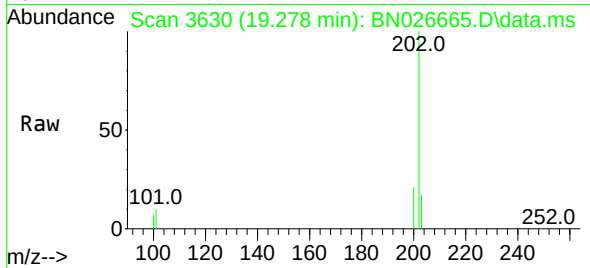




#19
Fluoranthene
Concen: 1.709 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

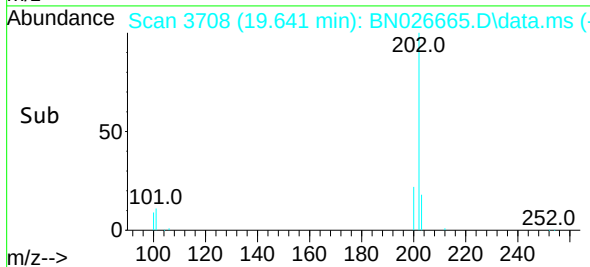
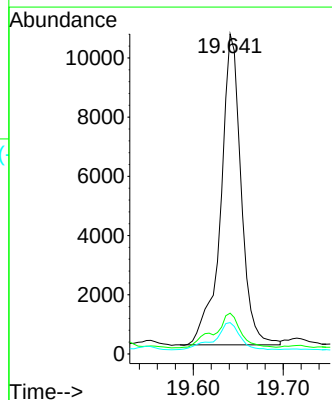
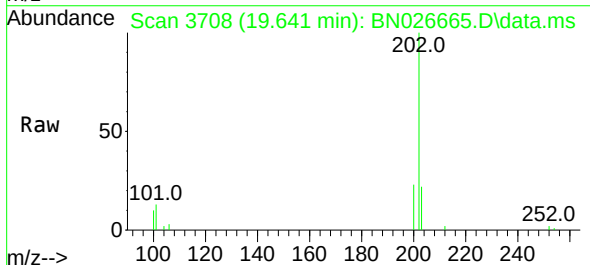
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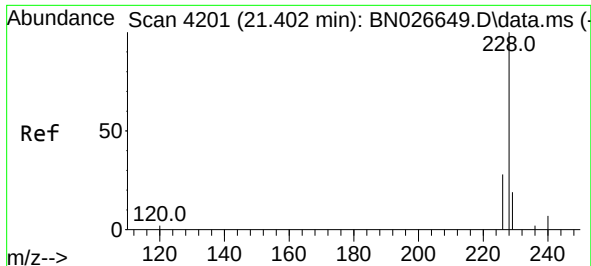
Tgt Ion:202 Resp: 89212
Ion Ratio Lower Upper
202 100
101 9.7 7.0 10.4
100 7.5 6.0 9.0



#20
Pyrene
Concen: 0.291 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:202 Resp: 16513
Ion Ratio Lower Upper
202 100
101 12.8 8.0 12.0#
100 9.8 6.2 9.2#

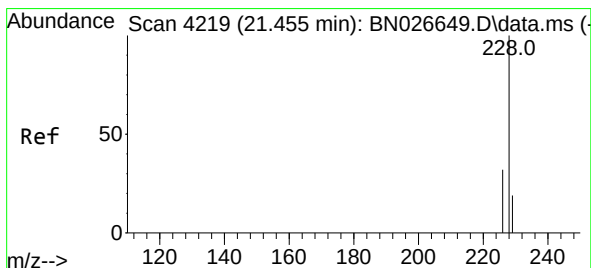
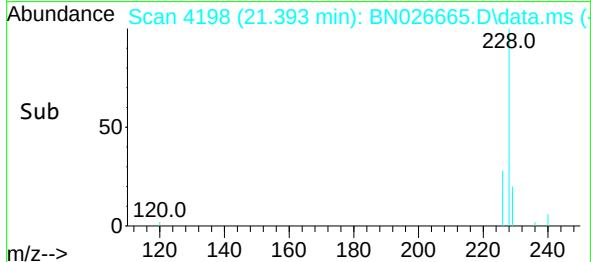
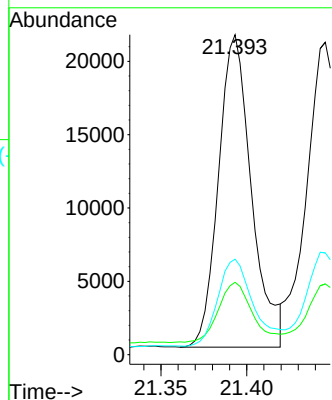
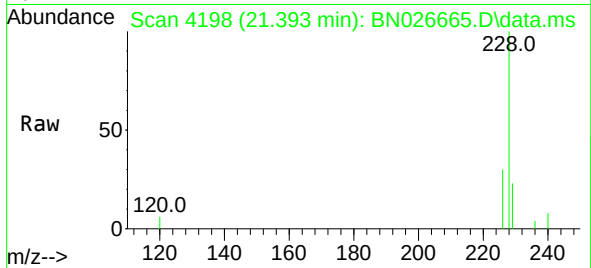




#21
Benzo(a)anthracene
Concen: 0.696 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.017 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

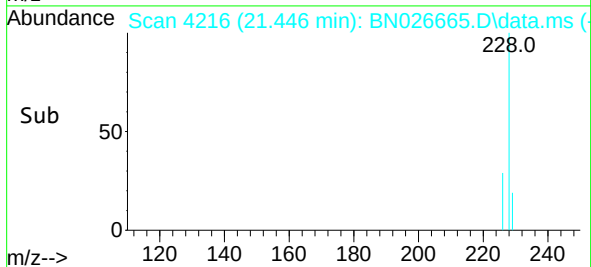
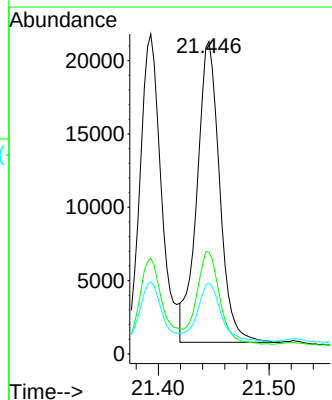
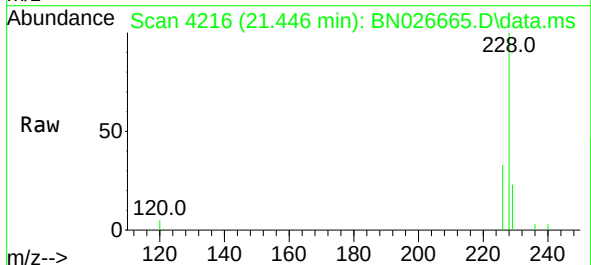
Instrument :
BNA_N
ClientSampleId :
A46T5MS

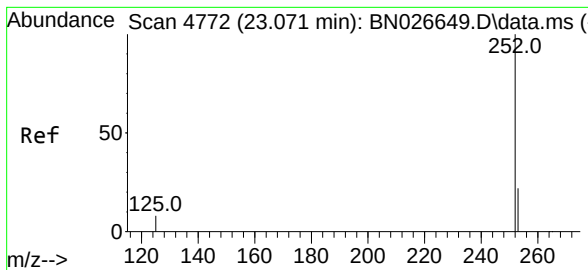
Tgt Ion:228 Resp: 28505
Ion Ratio Lower Upper
228 100
229 22.6 16.7 25.1
226 29.9 23.5 35.3



#22
Chrysene
Concen: 0.627 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.017 min
Lab File: BN026665.D
Acq: 22 Jul 2023 21:37

Tgt Ion:228 Resp: 29201
Ion Ratio Lower Upper
228 100
226 32.6 25.2 37.8
229 22.6 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.745 ng/ul

RT: 23.059 min Scan# 4768

Delta R.T. -0.020 min

Lab File: BN026665.D

Acq: 22 Jul 2023 21:37

Instrument :

BNA_N

ClientSampleId :

A46T5MS

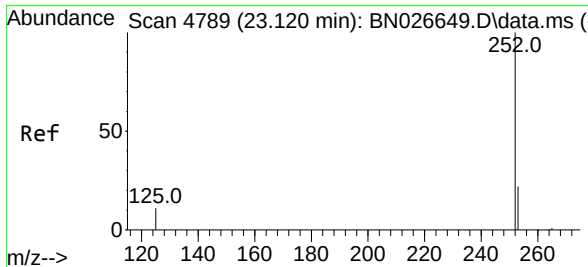
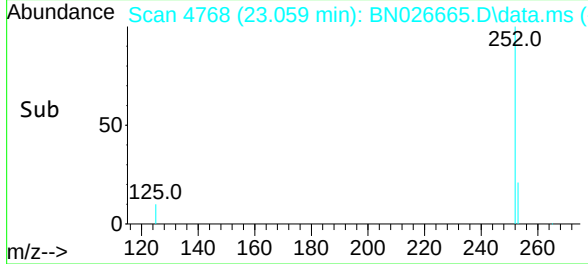
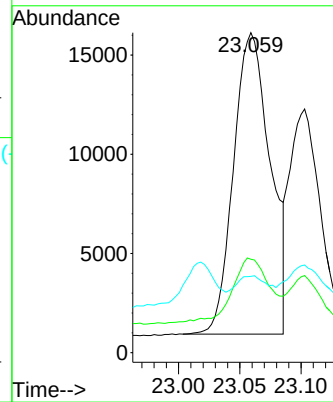
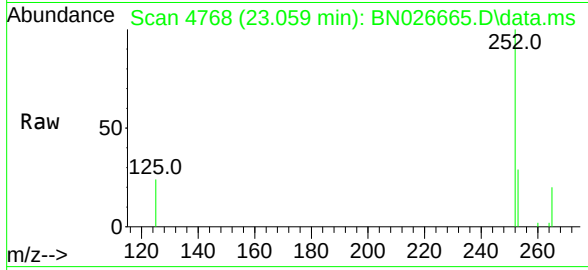
Tgt Ion:252 Resp: 31737

Ion Ratio Lower Upper

252 100

253 29.2 0.0 68.6

125 23.8 0.0 34.0



#25

Benzo(k)fluoranthene

Concen: 0.452 ng/ul

RT: 23.103 min Scan# 4783

Delta R.T. -0.026 min

Lab File: BN026665.D

Acq: 22 Jul 2023 21:37

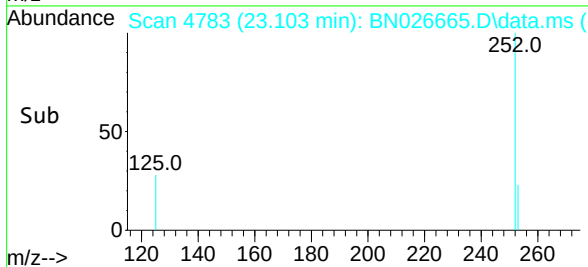
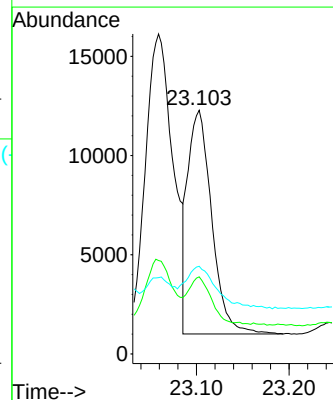
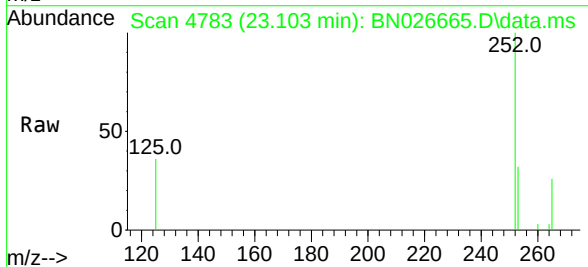
Tgt Ion:252 Resp: 20211

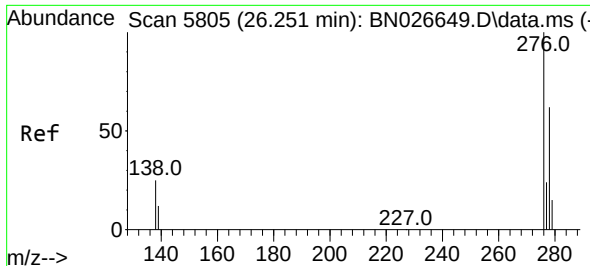
Ion Ratio Lower Upper

252 100

253 31.7 27.2 40.8

125 36.0 13.4 20.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.123 ng/ul

RT: 26.241 min Scan# 5802

Delta R.T. -0.017 min

Lab File: BN026665.D

Acq: 22 Jul 2023 21:37

Instrument :

BNA_N

ClientSampleId :

A46T5MS

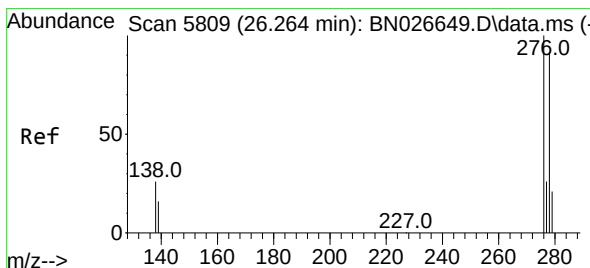
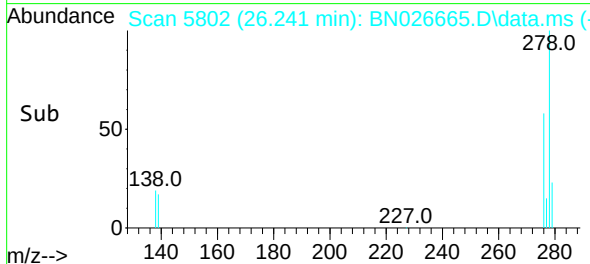
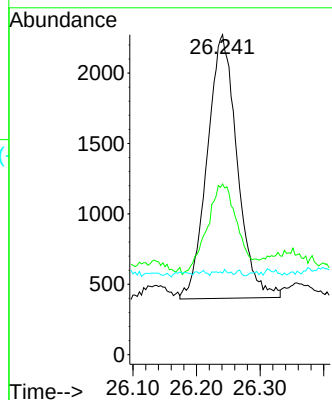
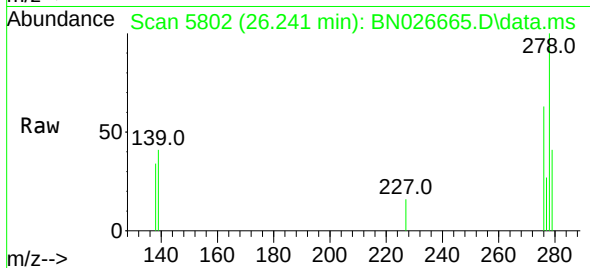
Tgt Ion:276 Resp: 6130

Ion Ratio Lower Upper

276 100

138 37.7 22.2 33.4#

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.281 ng/ul

RT: 26.244 min Scan# 5803

Delta R.T. -0.030 min

Lab File: BN026665.D

Acq: 22 Jul 2023 21:37

Tgt Ion:278 Resp: 10714

Ion Ratio Lower Upper

278 100

139 40.6 18.9 28.3#

279 41.2 31.3 46.9

