

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030409.D
 Acq On : 14 Mar 2024 22:49
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Mar 15 01:05:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 01:04:41 2024
 Response via : Initial Calibration

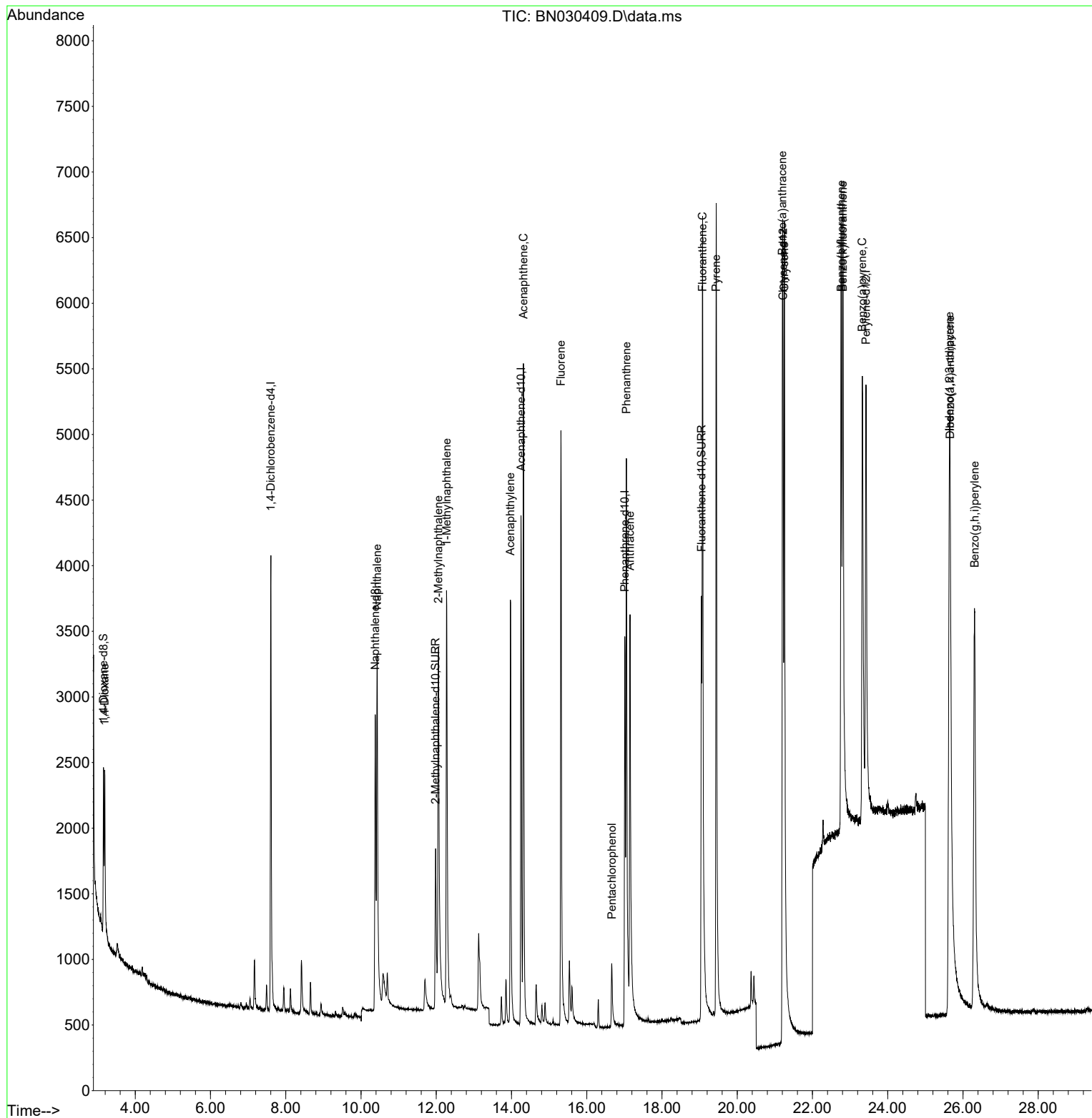
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1867	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	4210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2426	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	4856	0.400	ng/ul	0.00
17) Chrysene-d12	21.218	240	4417	0.400	ng/ul	0.00
23) Perylene-d12	23.425	264	5159	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	920	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.983	152	2327	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.051	212	5344	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.186	88	916	0.370	ng/ul	92
5) Naphthalene	10.427	128	4687	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.060	142	2764	0.415	ng/ul#	100
8) 1-Methylnaphthalene	12.274	142	2775	0.393	ng/ul#	28
10) Acenaphthylene	13.972	152	4691	0.406	ng/ul	99
11) Acenaphthene	14.319	153	3364	0.397	ng/ul	100
12) Fluorene	15.313	166	3794	0.407	ng/ul	98
14) Pentachlorophenol	16.666	266	512	0.367	ng/ul#	100
15) Phenanthrene	17.055	178	5671	0.396	ng/ul	98
16) Anthracene	17.152	178	5051	0.386	ng/ul	99
19) Fluoranthene	19.079	202	6903	0.395	ng/ul	99
20) Pyrene	19.441	202	7483	0.401	ng/ul	99
21) Benzo(a)anthracene	21.201	228	5802	0.392	ng/ul	99
22) Chrysene	21.253	228	6952	0.408	ng/ul	98
24) Benzo(b)fluoranthene	22.761	252	7045	0.407	ng/ul	96
25) Benzo(k)fluoranthene	22.808	252	8279	0.393	ng/ul	98
26) Benzo(a)pyrene	23.325	252	7169	0.392	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.637	276	9615	0.398	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.661	278	7313	0.397	ng/ul	95
29) Benzo(g,h,i)perylene	26.311	276	8277	0.384	ng/ul	98

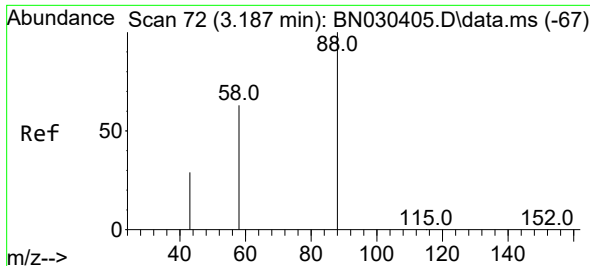
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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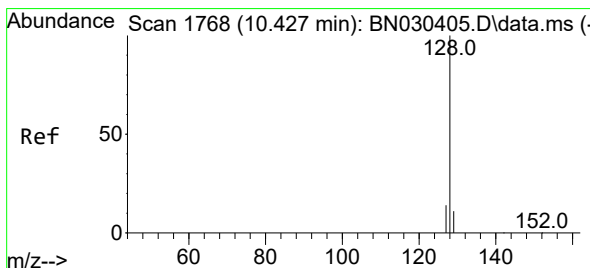
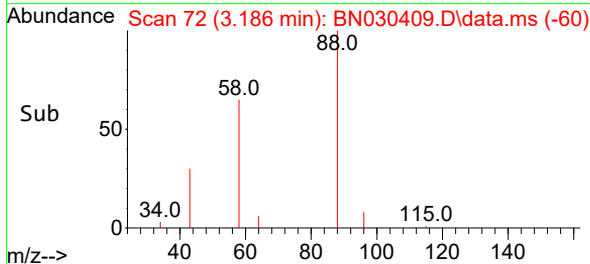
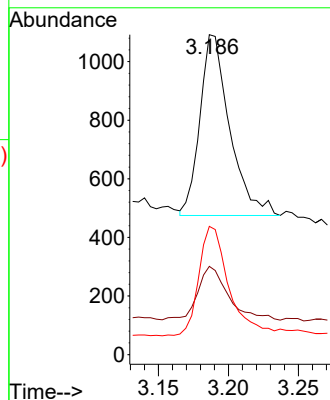
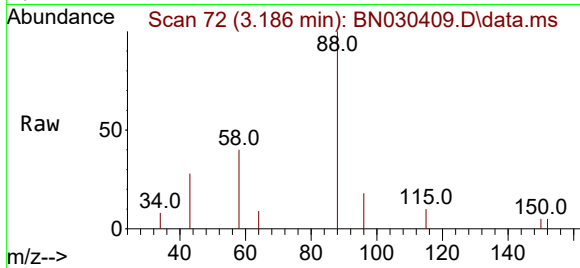




#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.186 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

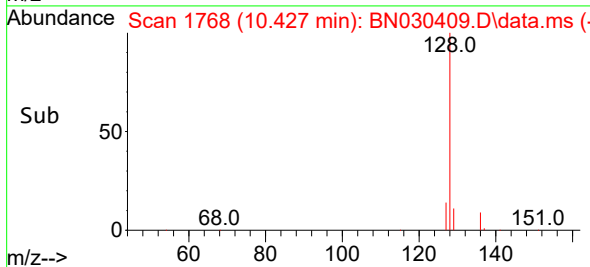
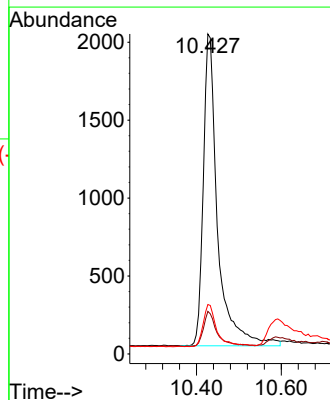
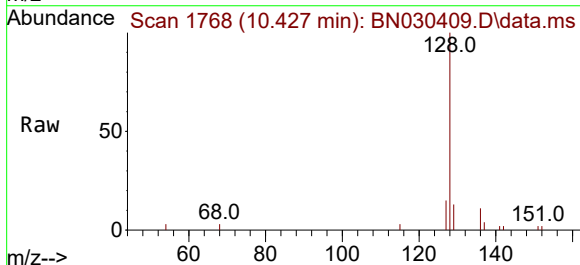
Instrument :
BNA_N
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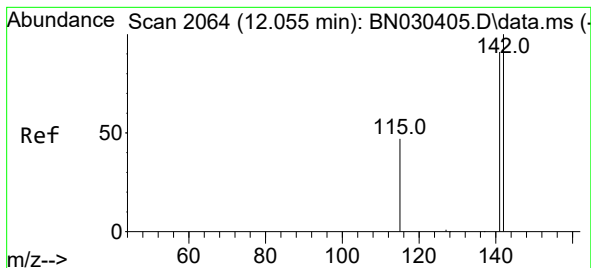
Tgt Ion: 88 Resp: 916
Ion Ratio Lower Upper
88 100
43 27.6 24.7 37.1
58 40.1 36.6 54.8



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.427 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion: 128 Resp: 4687
Ion Ratio Lower Upper
128 100
129 13.3 10.5 15.7
127 15.4 13.0 19.4

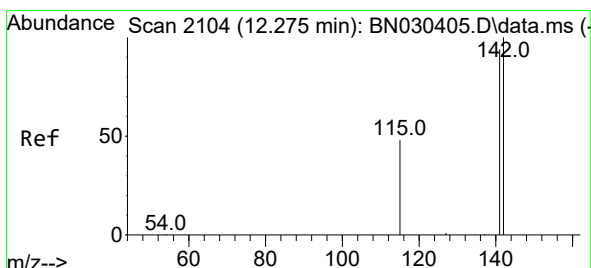
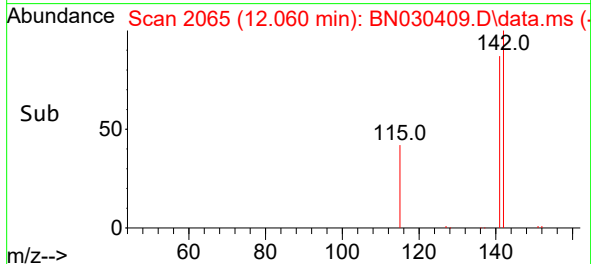
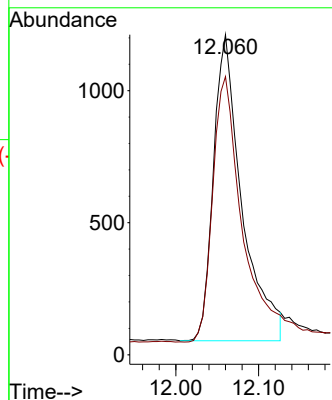
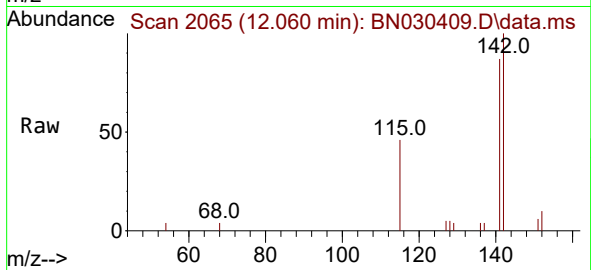




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.060 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

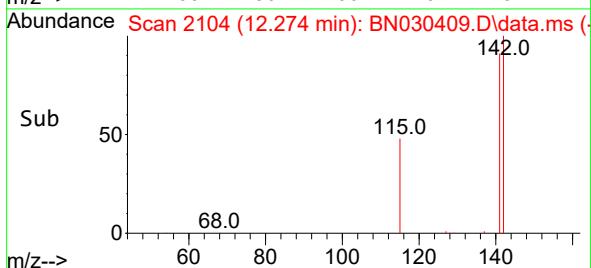
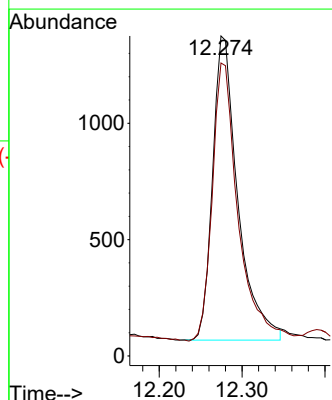
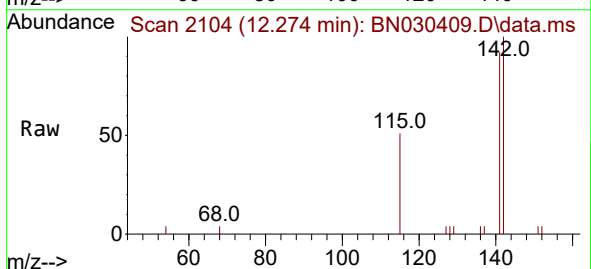
Instrument :
BNA_N
ClientSampleId :
SICV201

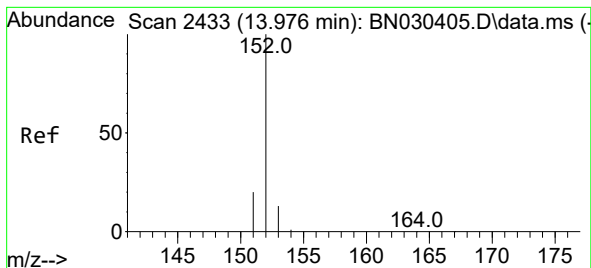
Tgt Ion:142 Resp: 2764
Ion Ratio Lower Upper
142 100
141 89.5 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.274 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion:142 Resp: 2775
Ion Ratio Lower Upper
142 100
141 92.8 0.2 0.2#





#10

Acenaphthylene

Concen: 0.406 ng/ul

RT: 13.972 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

Instrument :

BNA_N

ClientSampleId :

SICV201

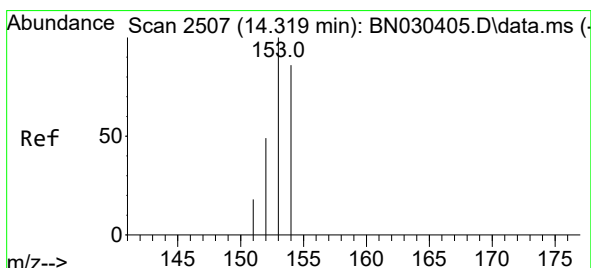
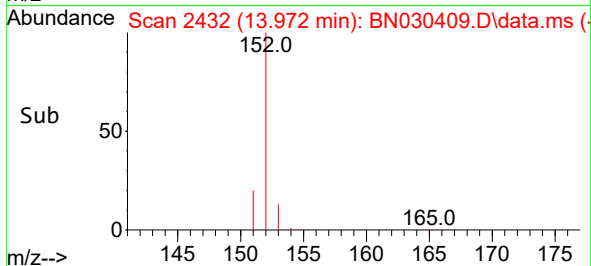
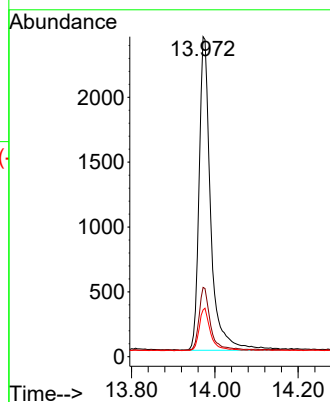
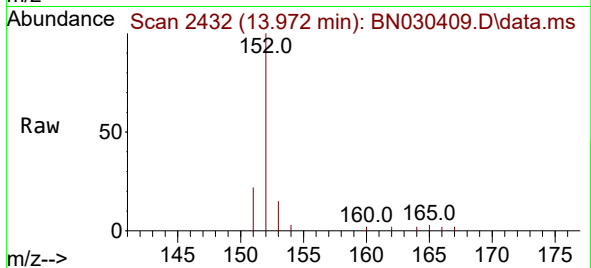
Tgt Ion:152 Resp: 4691

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

153 14.6 12.2 18.2



#11

Acenaphthene

Concen: 0.397 ng/ul

RT: 14.319 min Scan# 2507

Delta R.T. -0.000 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

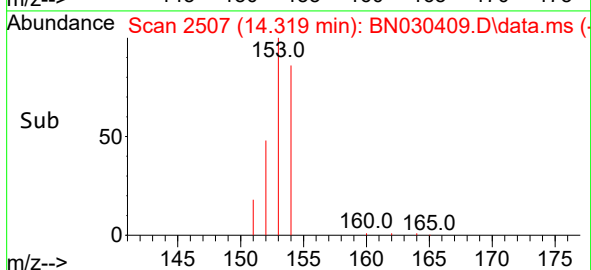
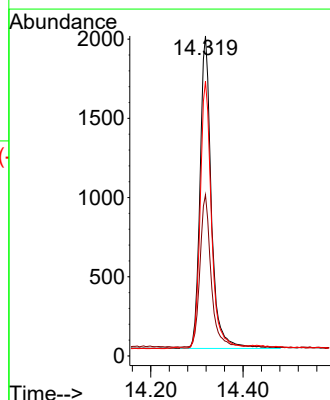
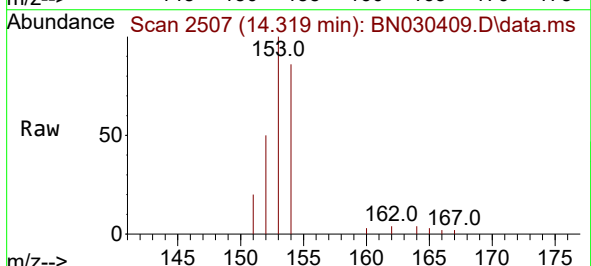
Tgt Ion:153 Resp: 3364

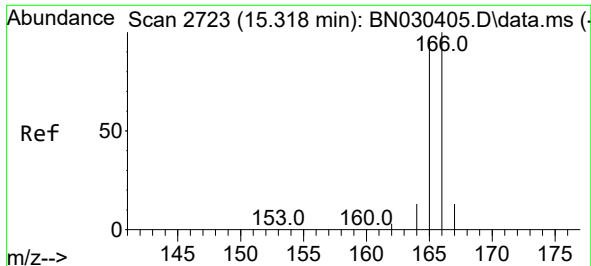
Ion Ratio Lower Upper

153 100

152 50.3 40.2 60.2

154 85.8 69.0 103.4

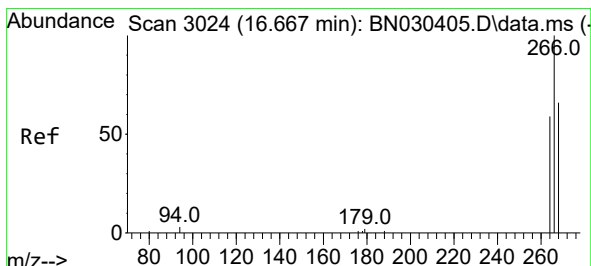
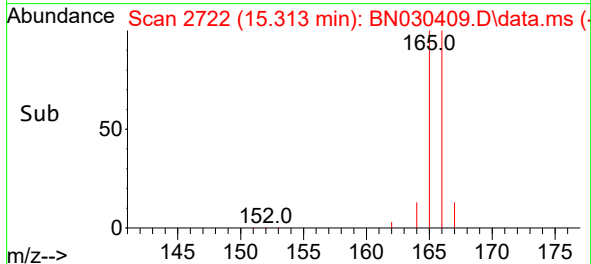
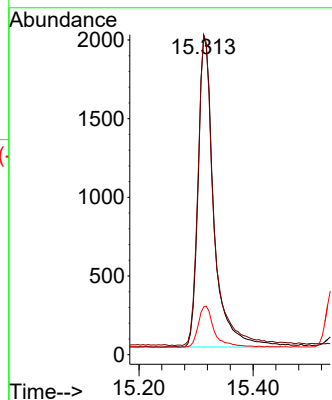
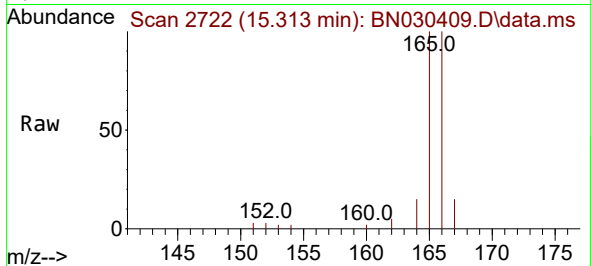




#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.313 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

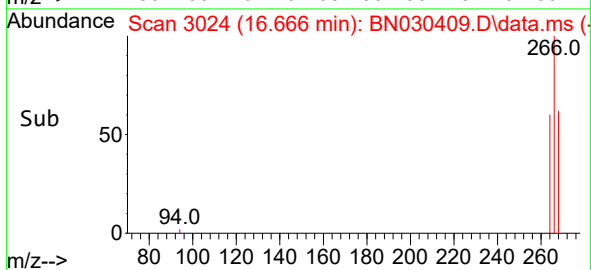
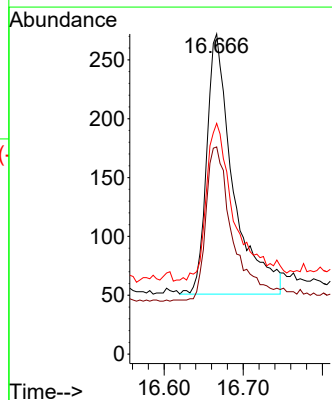
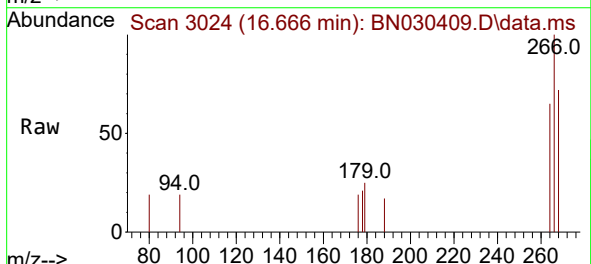
Instrument :
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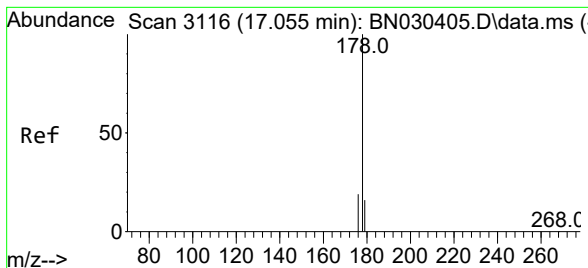
Tgt Ion:166 Resp: 3794
Ion Ratio Lower Upper
166 100
165 100.4 78.5 117.7
167 15.0 12.7 19.1



#14
Pentachlorophenol
Concen: 0.367 ng/ul
RT: 16.666 min Scan# 3024
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion:266 Resp: 512
Ion Ratio Lower Upper
266 100
264 60.0 0.0 0.0#
268 63.9 0.0 0.0#





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.055 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

Instrument :

BNA_N

ClientSampleId :

SICV201

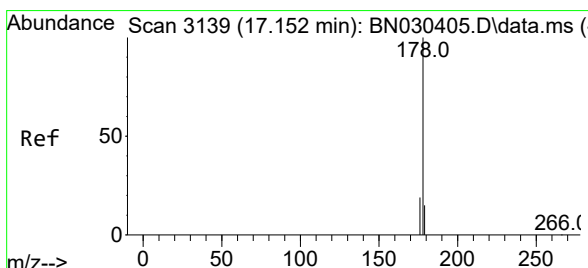
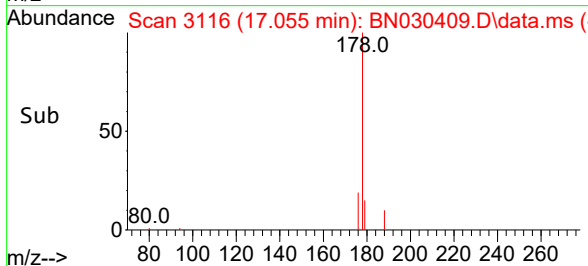
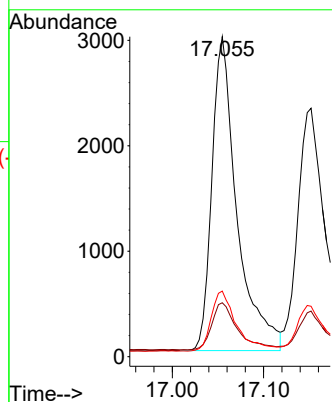
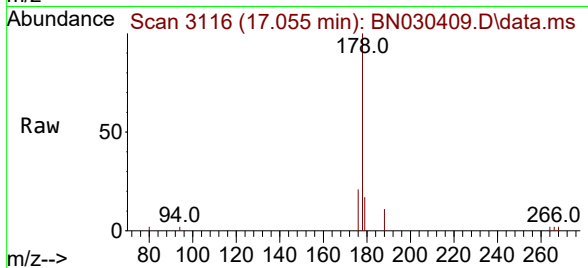
Tgt Ion:178 Resp: 5671

Ion Ratio Lower Upper

178 100

179 16.9 14.2 21.4

176 20.5 16.8 25.2



#16

Anthracene

Concen: 0.386 ng/ul

RT: 17.152 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

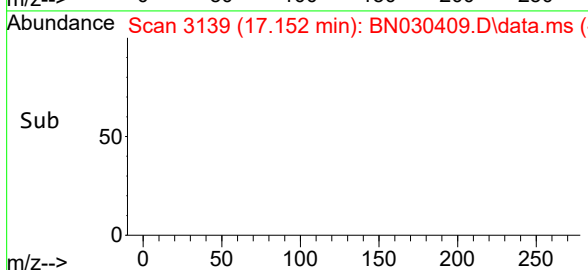
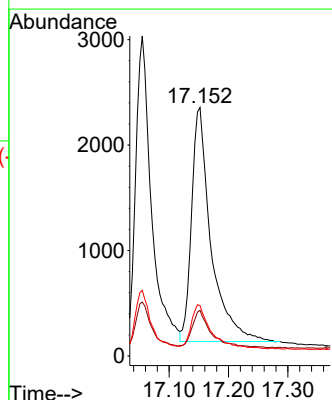
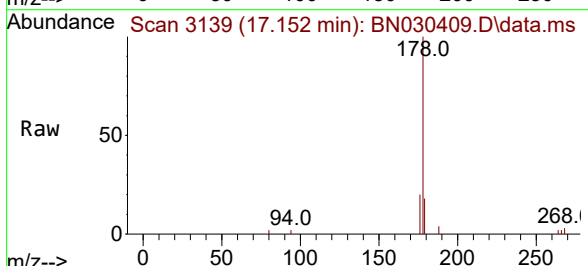
Tgt Ion:178 Resp: 5051

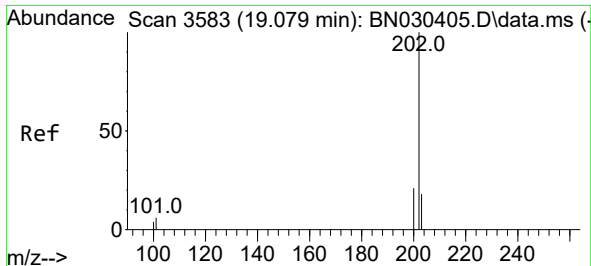
Ion Ratio Lower Upper

178 100

179 18.4 14.4 21.6

176 20.3 16.5 24.7

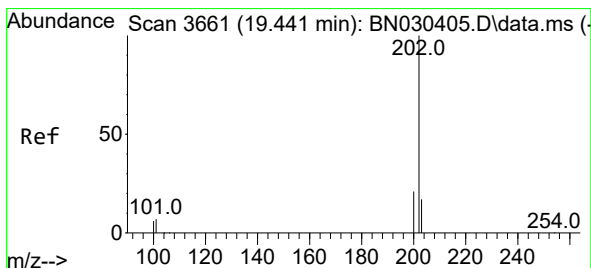
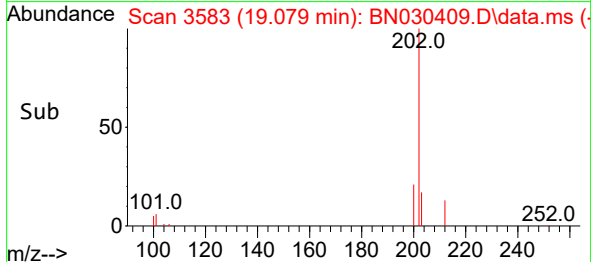
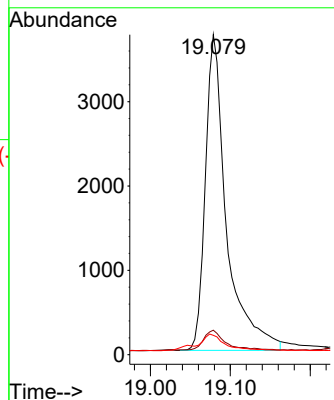
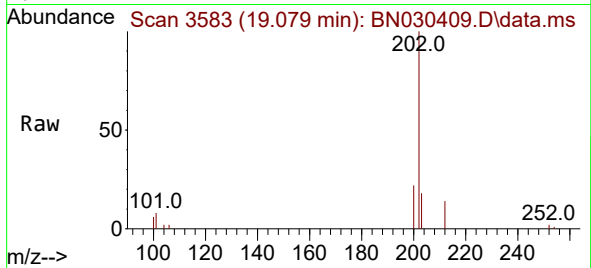




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.079 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

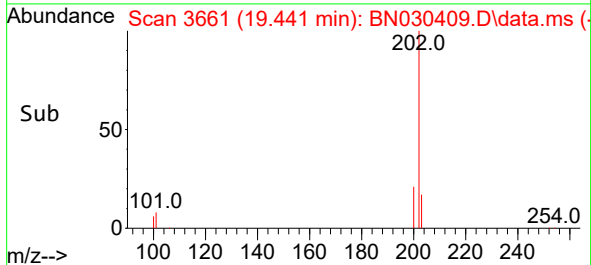
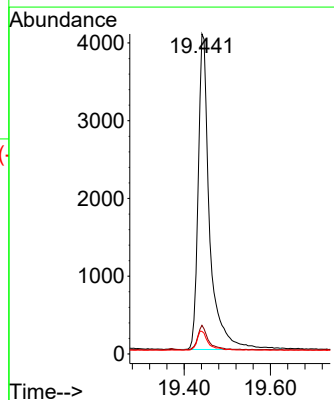
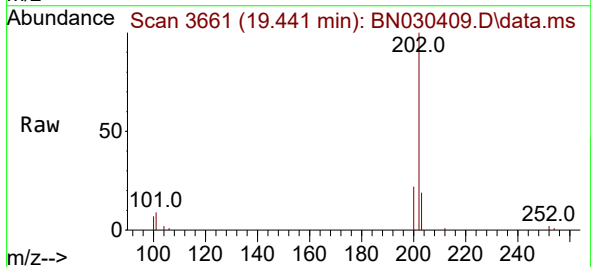
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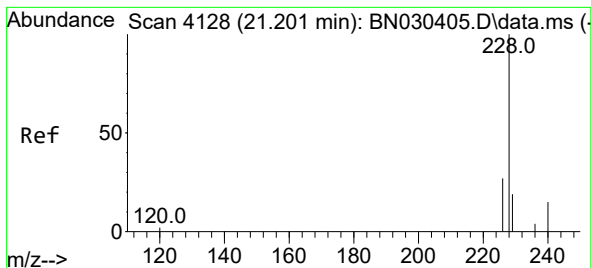
Tgt Ion:202 Resp: 6903
Ion Ratio Lower Upper
202 100
101 7.6 5.8 8.8
100 6.1 5.2 7.8



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.441 min Scan# 3661
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion:202 Resp: 7483
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.6
100 7.0 6.2 9.4





#21

Benzo(a)anthracene

Concen: 0.392 ng/ul

RT: 21.201 min Scan# 4128

Delta R.T. -0.000 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

Instrument :

BNA_N

ClientSampleId :

SICV201

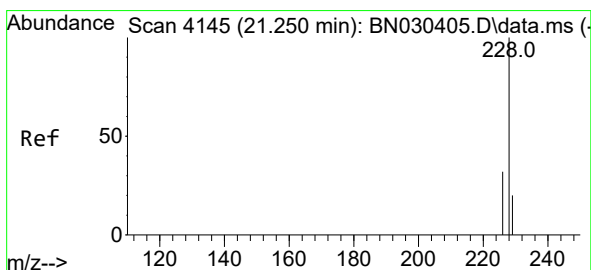
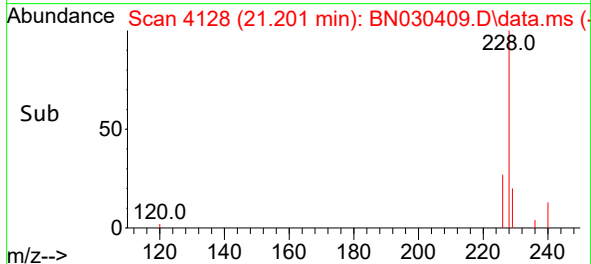
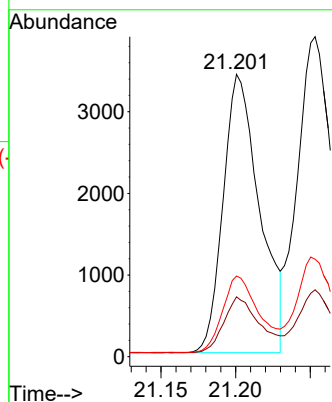
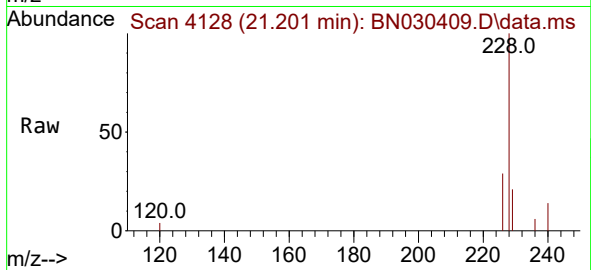
Tgt Ion:228 Resp: 5802

Ion Ratio Lower Upper

228 100

229 21.2 16.4 24.6

226 28.5 22.7 34.1



#22

Chrysene

Concen: 0.408 ng/ul

RT: 21.253 min Scan# 4146

Delta R.T. 0.003 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

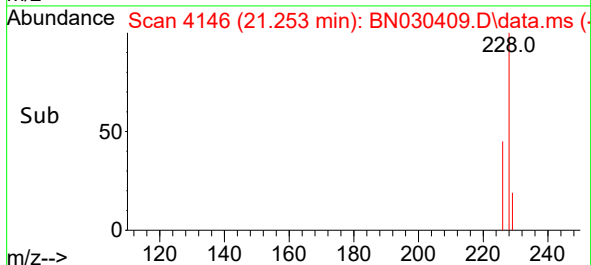
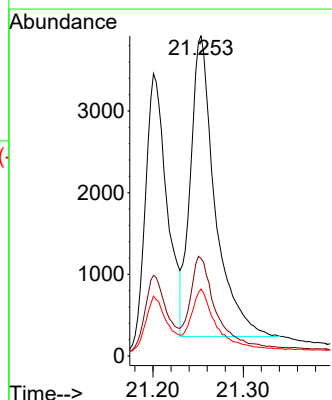
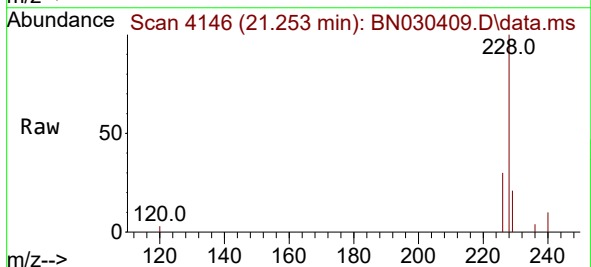
Tgt Ion:228 Resp: 6952

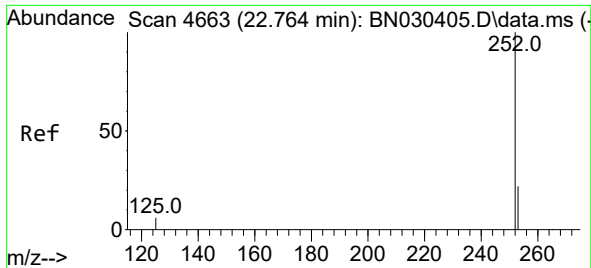
Ion Ratio Lower Upper

228 100

226 30.4 25.6 38.4

229 20.9 16.6 25.0

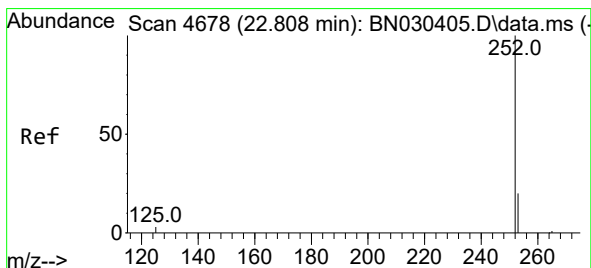
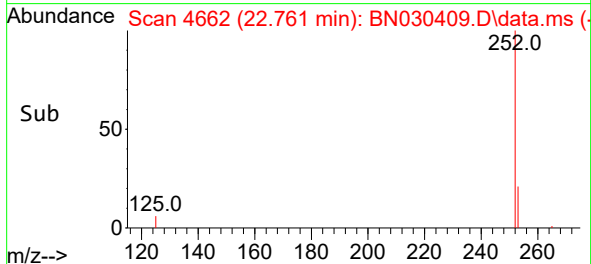
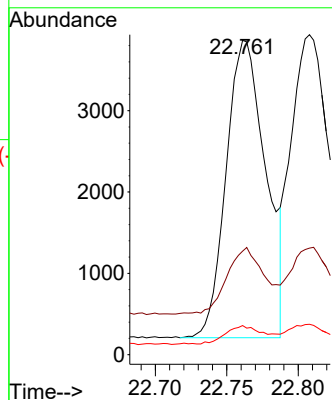
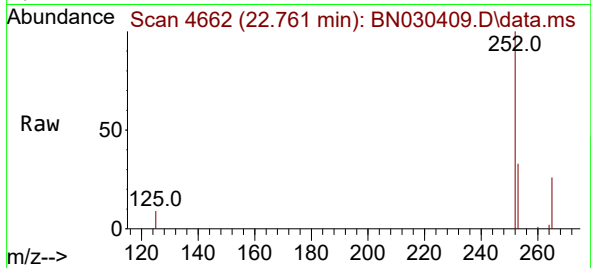




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.761 min Scan# 4662
Delta R.T. -0.003 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

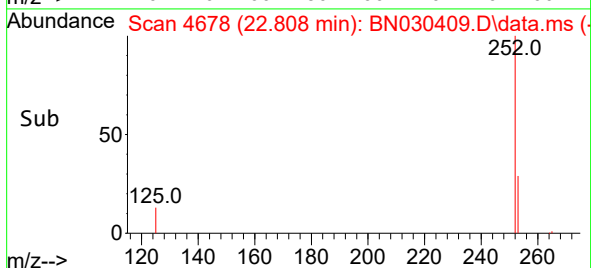
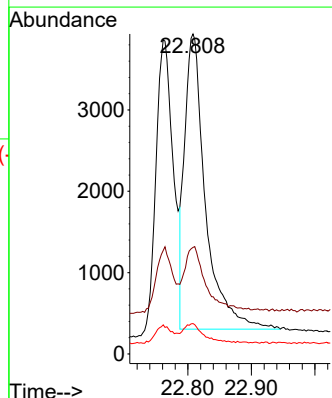
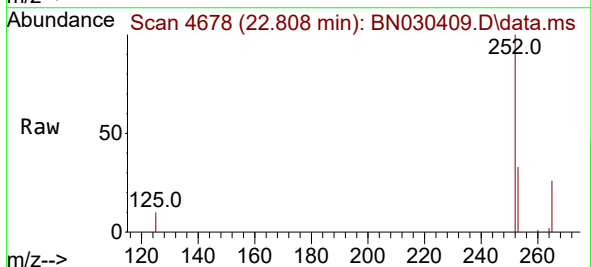
Instrument :
BNA_N
ClientSampleId :
SICV201

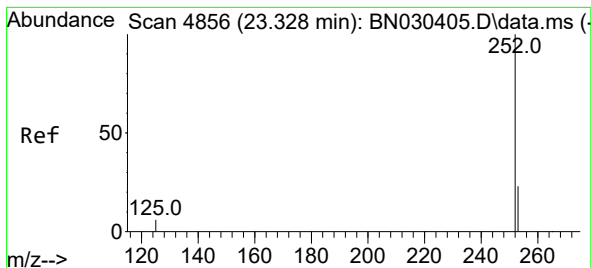
Tgt Ion:252 Resp: 7045
Ion Ratio Lower Upper
252 100
253 32.9 0.0 71.4
125 9.3 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.808 min Scan# 4678
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion:252 Resp: 8279
Ion Ratio Lower Upper
252 100
253 33.3 27.7 41.5
125 9.5 8.0 12.0





#26

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.325 min Scan# 4855

Delta R.T. -0.003 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

Instrument :

BNA_N

ClientSampleId :

SICV201

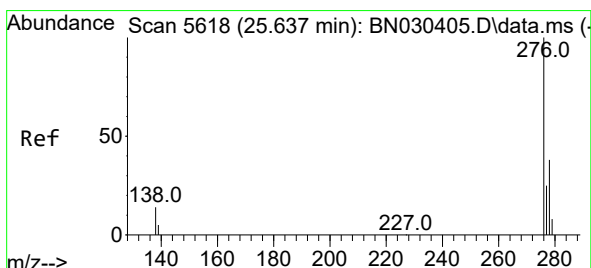
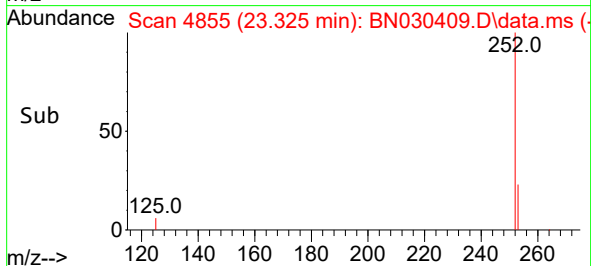
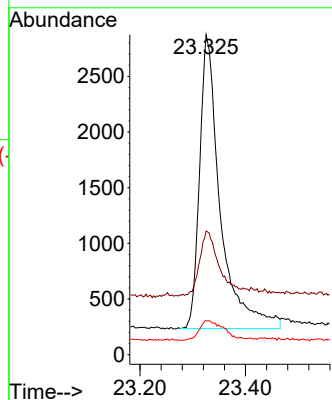
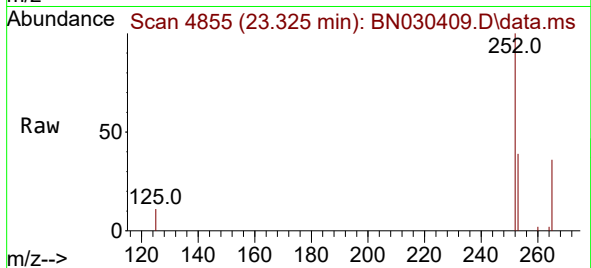
Tgt Ion:252 Resp: 7169

Ion Ratio Lower Upper

252 100

253 38.6 34.4 51.6

125 10.7 9.0 13.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.398 ng/ul

RT: 25.637 min Scan# 5618

Delta R.T. -0.000 min

Lab File: BN030409.D

Acq: 14 Mar 2024 22:49

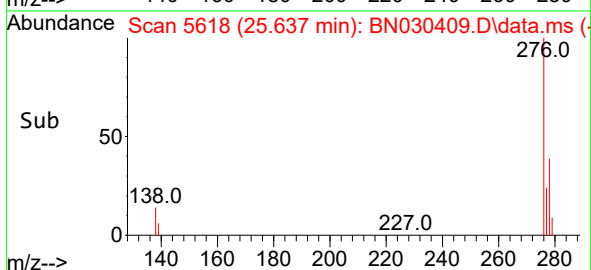
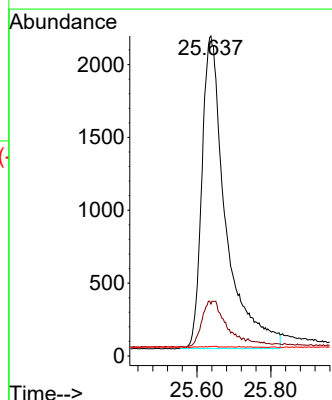
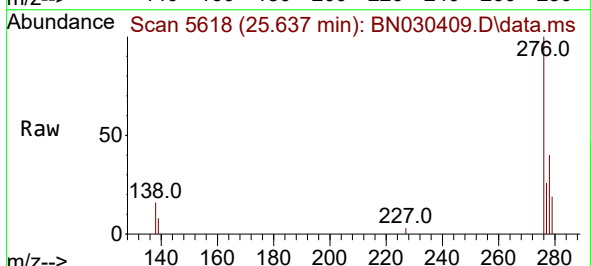
Tgt Ion:276 Resp: 9615

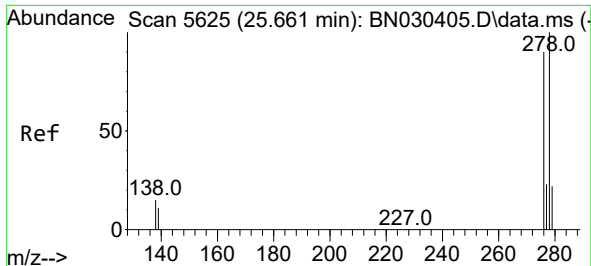
Ion Ratio Lower Upper

276 100

138 16.2 9.8 14.6#

227 0.0 0.0 0.0#

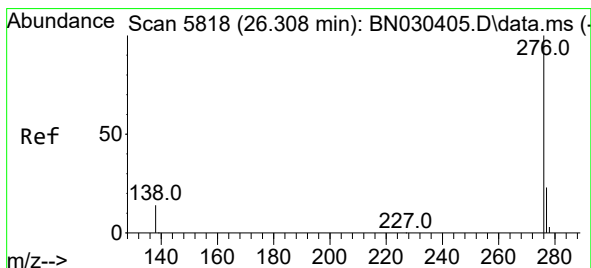
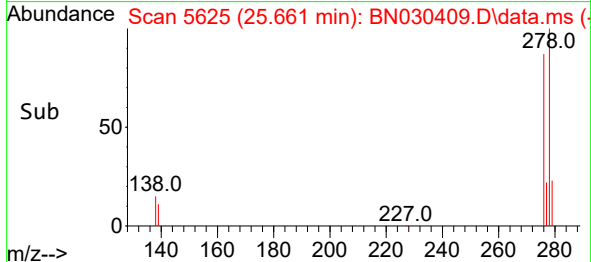
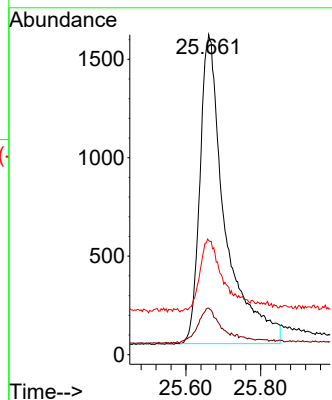
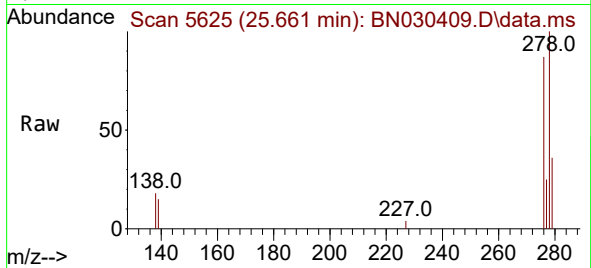




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 25.661 min Scan# 5625
Delta R.T. -0.000 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Instrument :
BNA_N
ClientSampleId :
SICV201

Tgt Ion:278 Resp: 7313
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.2
279 35.7 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.311 min Scan# 5819
Delta R.T. 0.003 min
Lab File: BN030409.D
Acq: 14 Mar 2024 22:49

Tgt Ion:276 Resp: 8277
Ion Ratio Lower Upper
276 100
138 15.6 13.4 20.2
277 25.4 20.6 31.0

