

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030220.D
 Acq On : 03 Mar 2024 15:47
 Operator : MA/JU
 Sample : PB159264BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS264

Quant Time: Mar 03 22:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

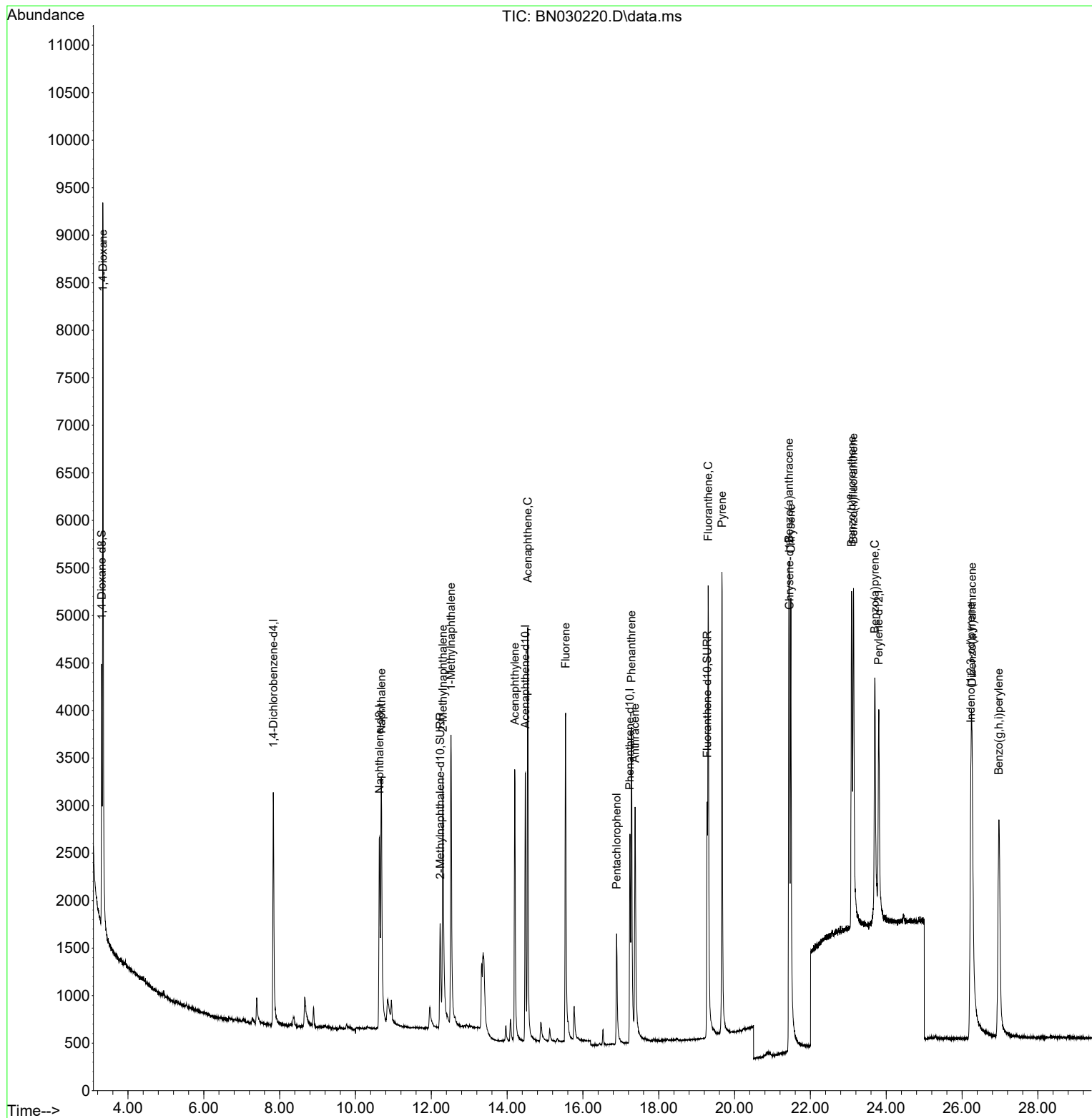
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	4209	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	1933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3470	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	3008	0.400	ng/ul	0.00
23) Perylene-d12	23.803	264	3502	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1862	0.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	2149	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	3736	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	5462	2.265	ng/ul#	86
5) Naphthalene	10.683	128	4944	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	2663	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	2695	0.378	ng/ul	99
10) Acenaphthylene	14.201	152	4189	0.388	ng/ul	99
11) Acenaphthene	14.544	153	3051	0.385	ng/ul	97
12) Fluorene	15.543	166	3066	0.380	ng/ul	98
14) Pentachlorophenol	16.888	266	1070	1.081	ng/ul	99
15) Phenanthrene	17.281	178	4419	0.380	ng/ul	99
16) Anthracene	17.374	178	3952	0.386	ng/ul	100
19) Fluoranthene	19.305	202	5084	0.381	ng/ul	98
20) Pyrene	19.667	202	5519	0.380	ng/ul	100
21) Benzo(a)anthracene	21.432	228	4630	0.435	ng/ul	99
22) Chrysene	21.485	228	5115	0.400	ng/ul	99
24) Benzo(b)fluoranthene	23.087	252	5421	0.401	ng/ul	99
25) Benzo(k)fluoranthene	23.136	252	5946	0.373	ng/ul	99
26) Benzo(a)pyrene	23.698	252	5378	0.391	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.232	276	7022	0.400	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.262	278	5587	0.411	ng/ul	95
29) Benzo(g,h,i)perylene	26.973	276	6260	0.384	ng/ul	96

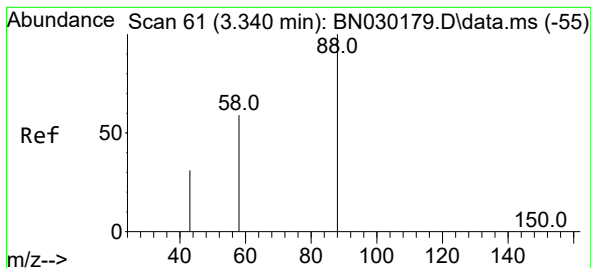
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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#2

1,4-Dioxane

Concen: 2.265 ng/ul

RT: 3.340 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

Instrument :

BNA_N

ClientSampleId :

SLCS264

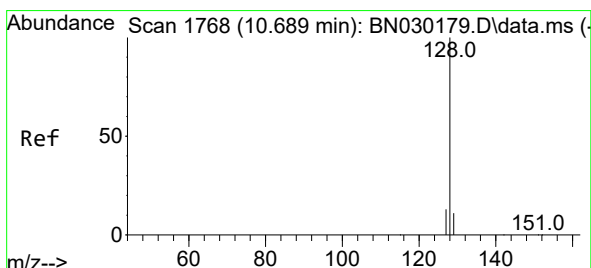
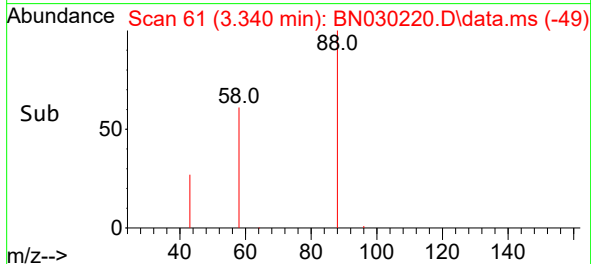
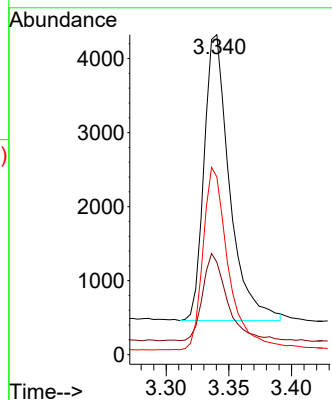
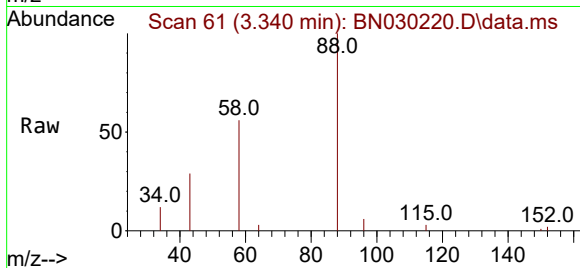
Tgt Ion: 88 Resp: 5462

Ion Ratio Lower Upper

88 100

43 28.9 25.7 38.5

58 55.6 33.8 50.8#



#5

Naphthalene

Concen: 0.398 ng/ul

RT: 10.683 min Scan# 1767

Delta R.T. -0.005 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

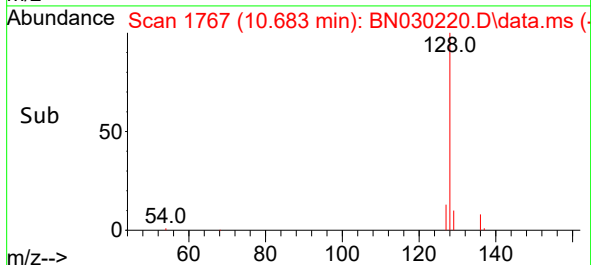
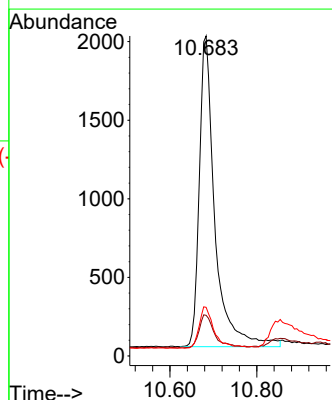
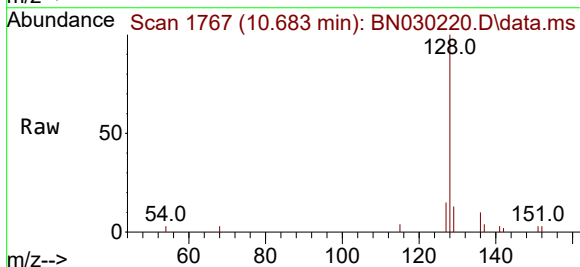
Tgt Ion: 128 Resp: 4944

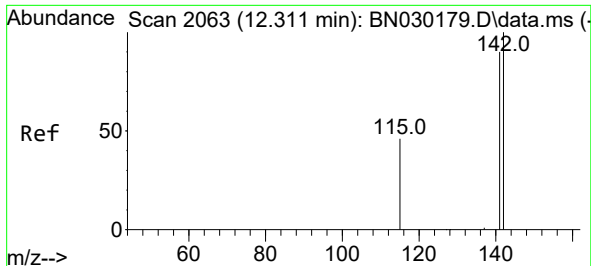
Ion Ratio Lower Upper

128 100

129 12.7 11.0 16.4

127 15.2 12.3 18.5

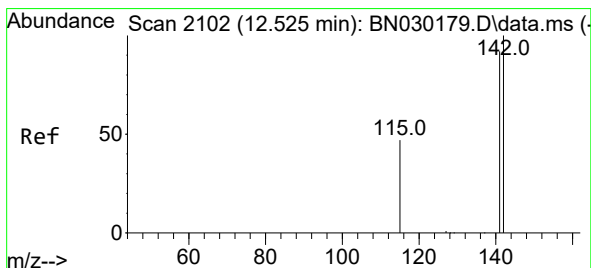
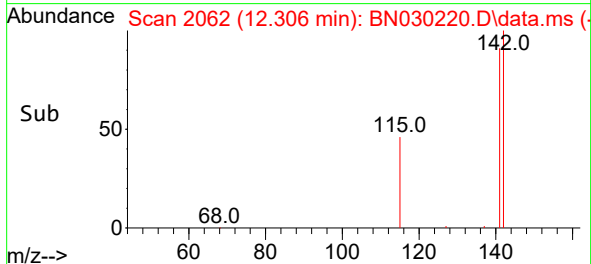
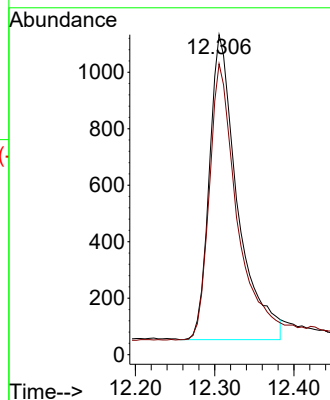
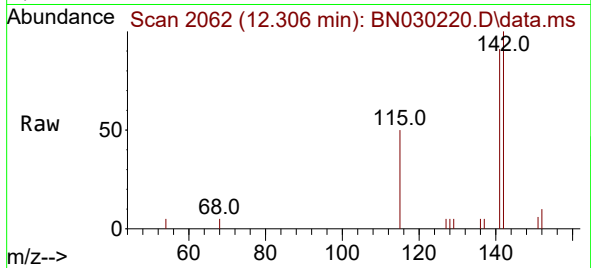




#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

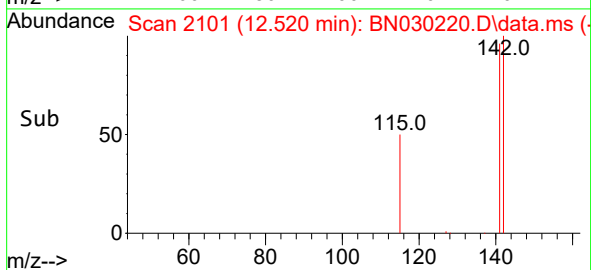
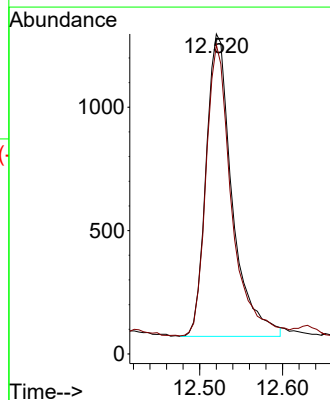
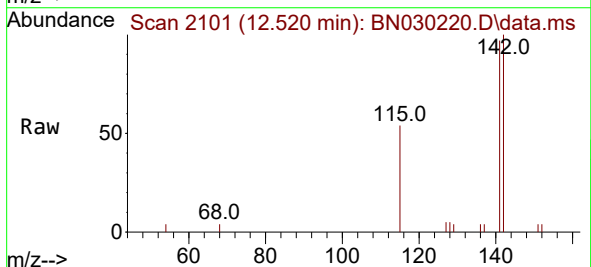
Instrument :
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ClientSampleId :
SLCS264

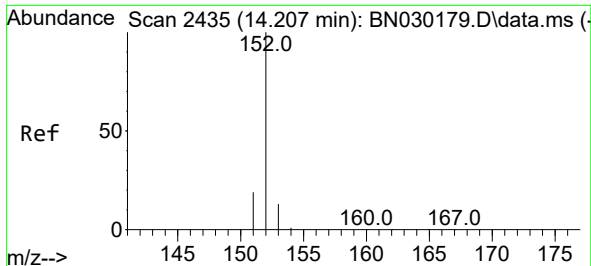
Tgt Ion:142 Resp: 2663
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

Tgt Ion:142 Resp: 2695
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.2

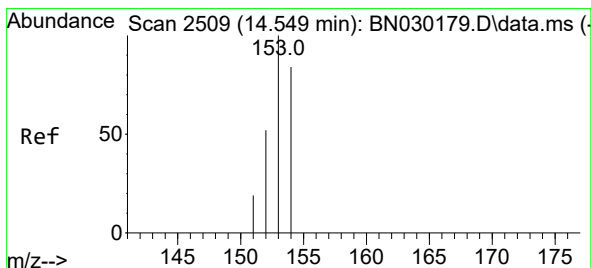
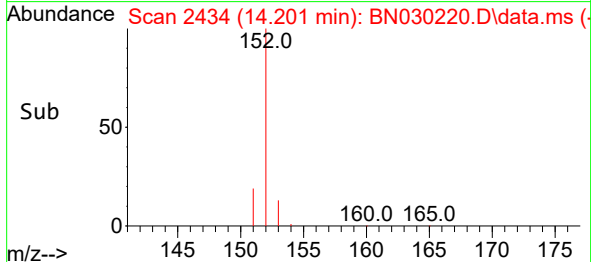
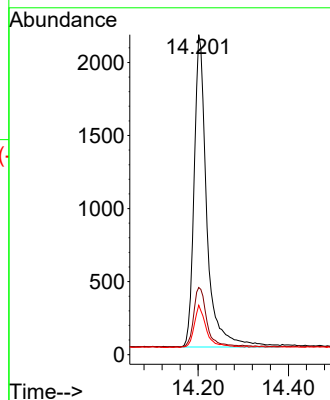
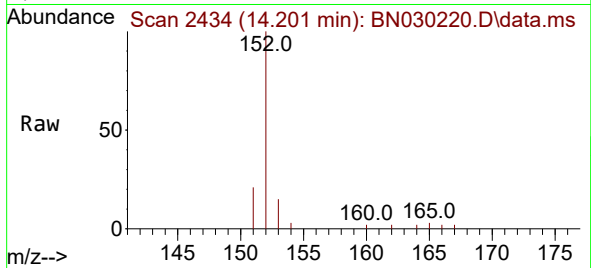




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

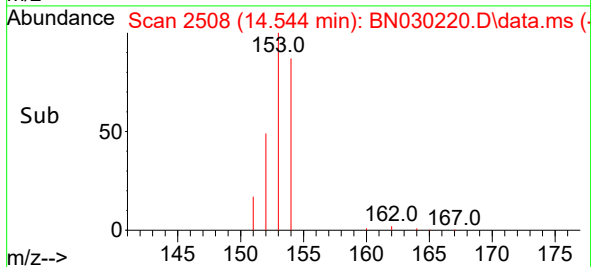
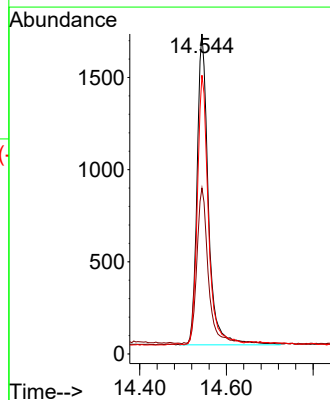
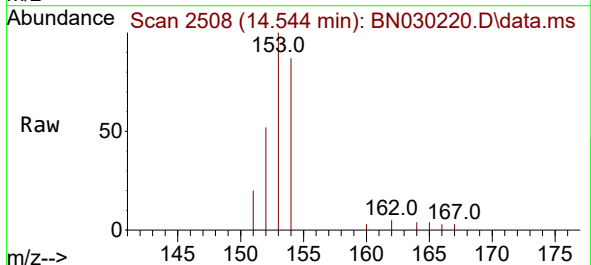
Instrument :
BNA_N
ClientSampleId :
SLCS264

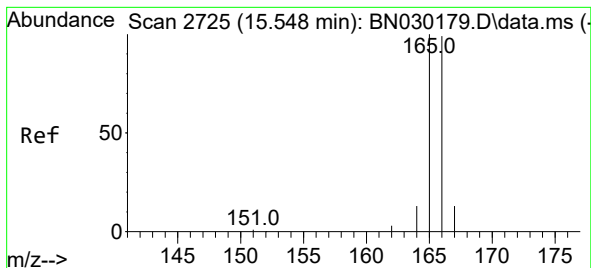
Tgt Ion:152 Resp: 4189
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 15.4 11.8 17.6



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

Tgt Ion:153 Resp: 3051
Ion Ratio Lower Upper
153 100
152 51.8 43.2 64.8
154 87.1 67.5 101.3





#12

Fluorene

Concen: 0.380 ng/ul

RT: 15.543 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

Instrument :

BNA_N

ClientSampleId :

SLCS264

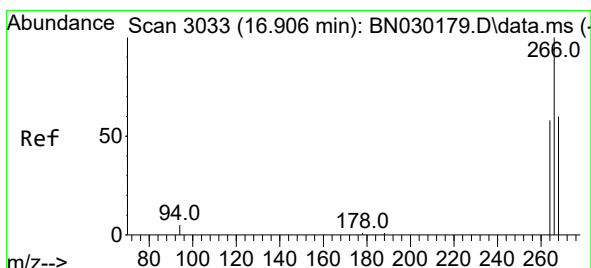
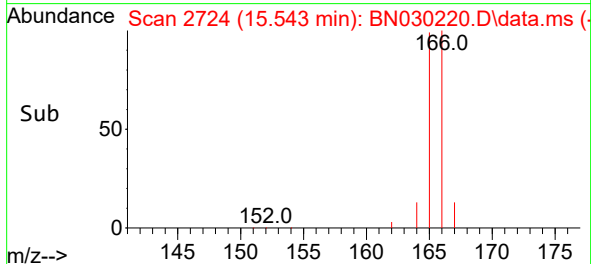
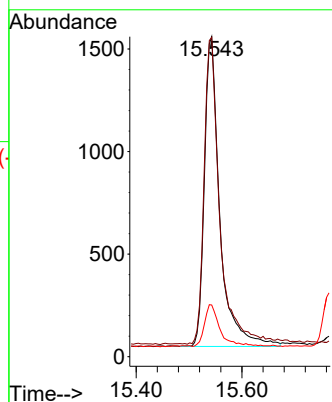
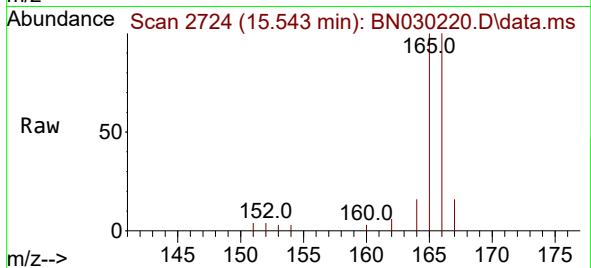
Tgt Ion:166 Resp: 3066

Ion Ratio Lower Upper

166 100

165 99.8 81.8 122.6

167 16.2 13.0 19.4



#14

Pentachlorophenol

Concen: 1.081 ng/ul

RT: 16.888 min Scan# 3029

Delta R.T. -0.018 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

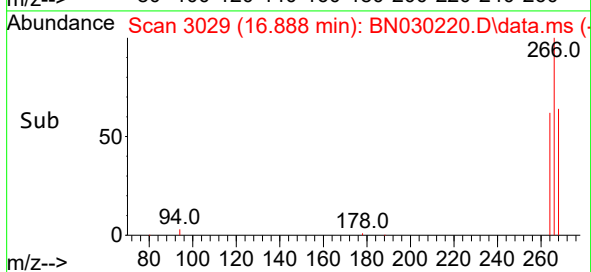
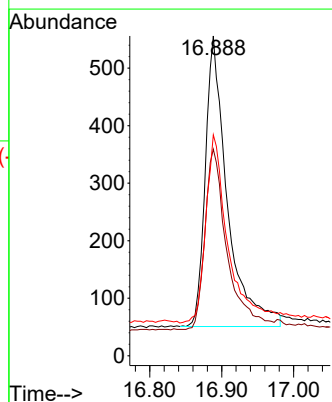
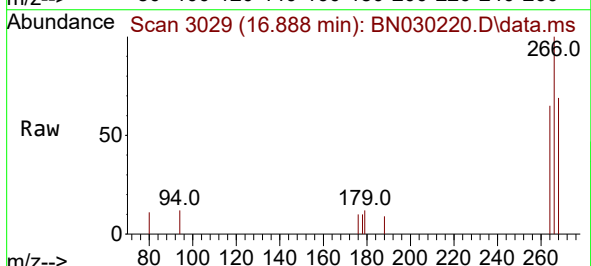
Tgt Ion:266 Resp: 1070

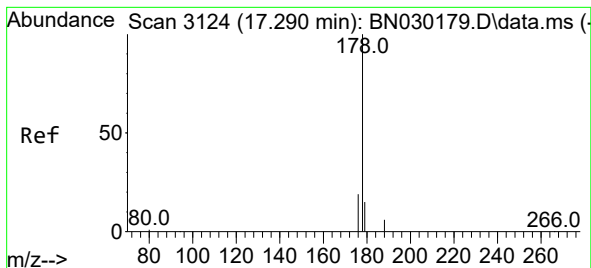
Ion Ratio Lower Upper

266 100

264 62.9 49.8 74.8

268 65.9 53.4 80.2





#15

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.281 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

Instrument :

BNA_N

ClientSampleId :

SLCS264

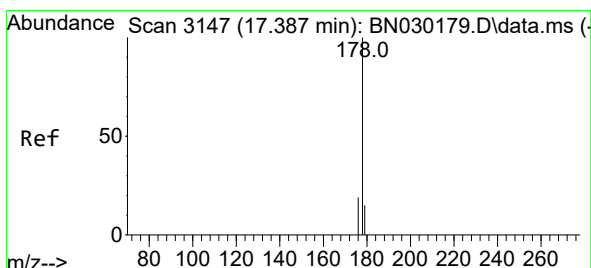
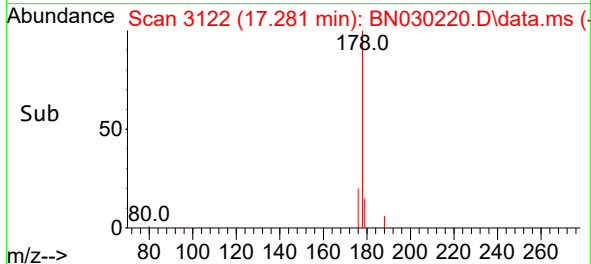
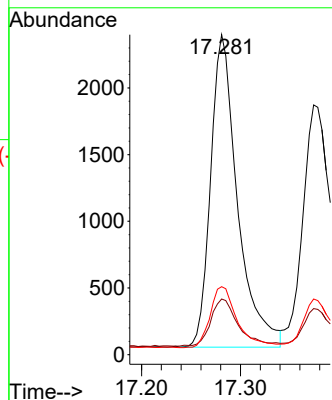
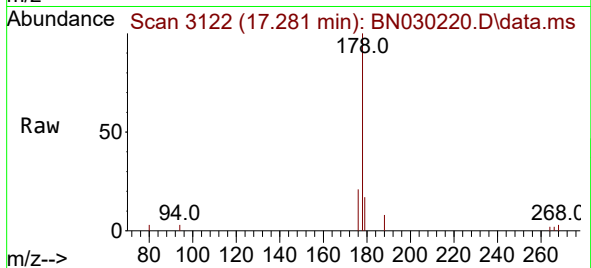
Tgt Ion:178 Resp: 4419

Ion Ratio Lower Upper

178 100

179 17.4 13.8 20.8

176 21.3 16.6 25.0



#16

Anthracene

Concen: 0.386 ng/ul

RT: 17.374 min Scan# 3144

Delta R.T. -0.013 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

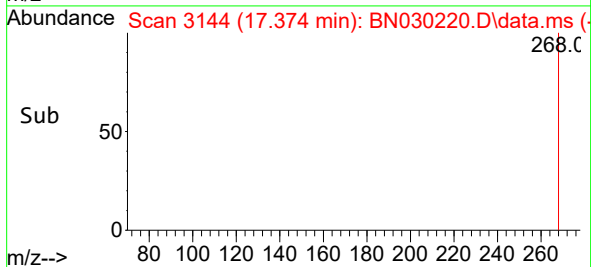
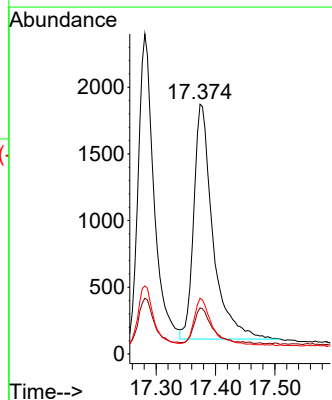
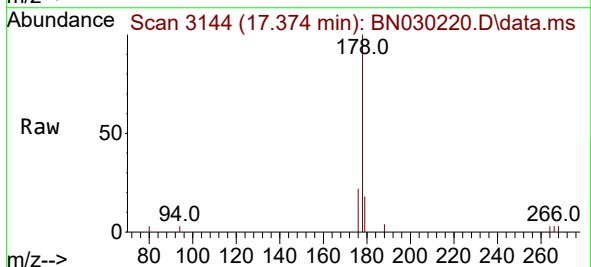
Tgt Ion:178 Resp: 3952

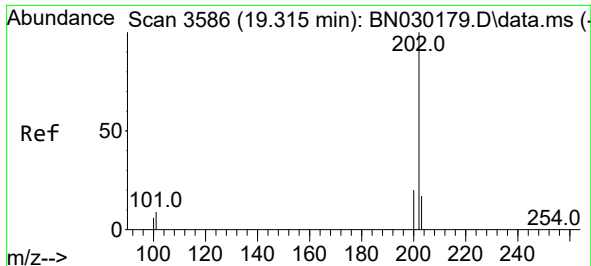
Ion Ratio Lower Upper

178 100

179 18.4 14.8 22.2

176 22.3 17.8 26.6

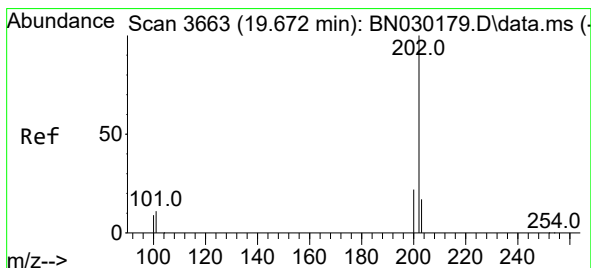
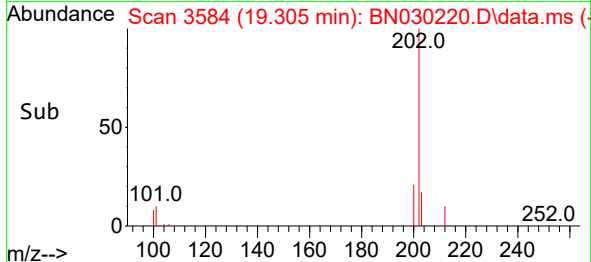
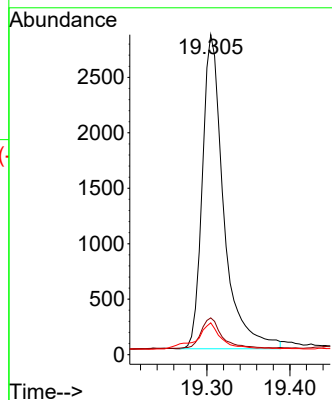
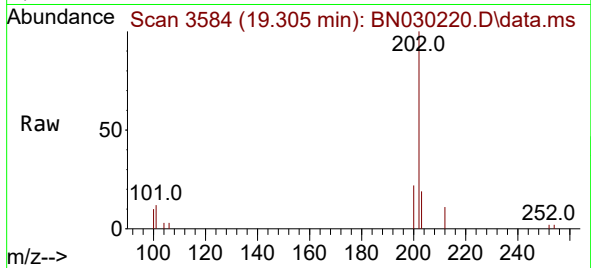




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.305 min Scan# 3584
Delta R.T. -0.010 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

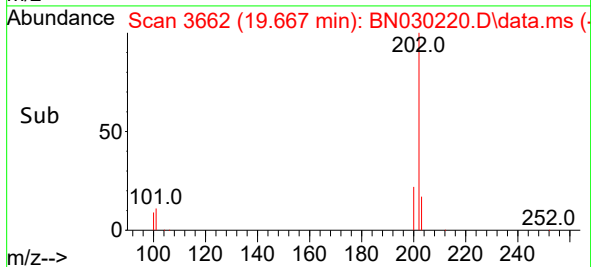
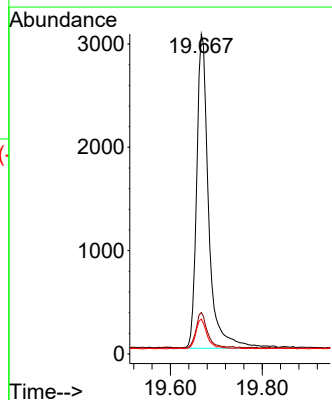
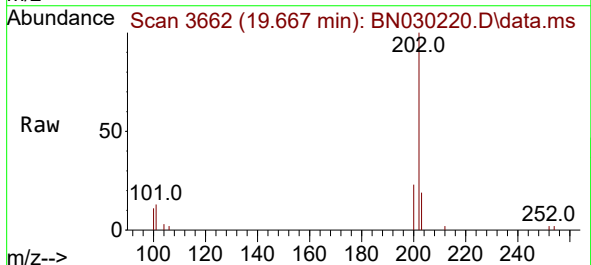
Instrument :
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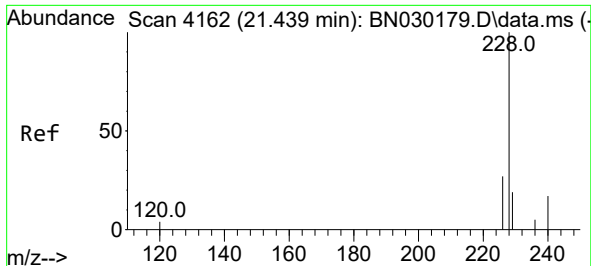
Tgt Ion:202 Resp: 5084
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 9.9 7.4 11.2



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.667 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

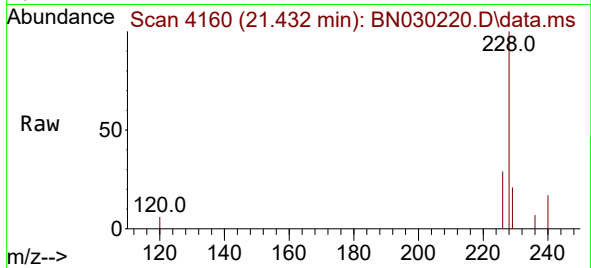
Tgt Ion:202 Resp: 5519
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 10.9 8.8 13.2



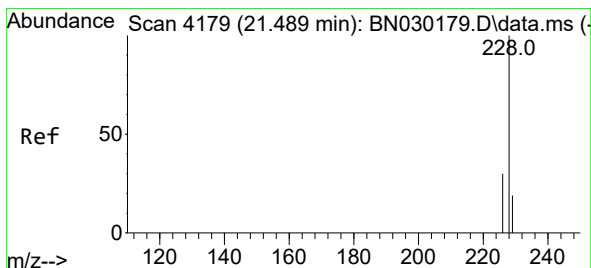
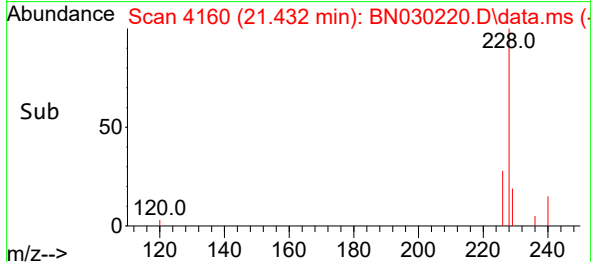
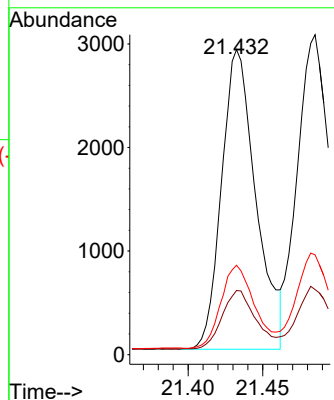


#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.432 min Scan# 4162
Delta R.T. -0.007 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

Instrument :
BNA_N
ClientSampleId :
SLCS264

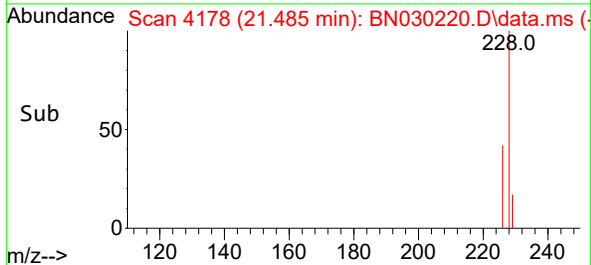
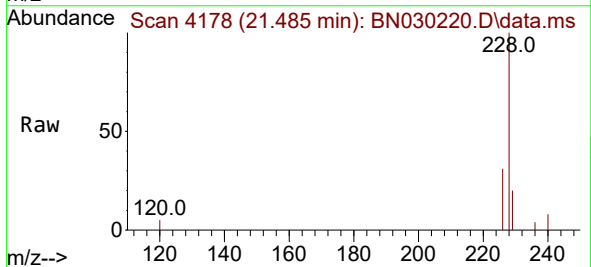
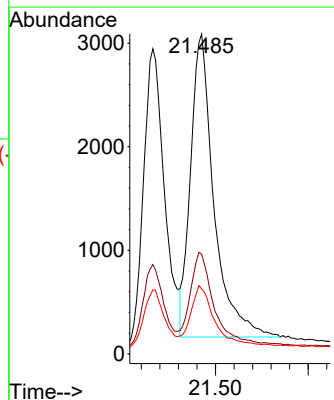


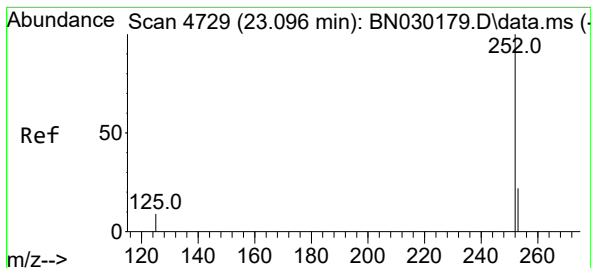
Tgt Ion:228 Resp: 4630
Ion Ratio Lower Upper
228 100
229 21.0 16.6 24.8
226 29.3 23.7 35.5



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN030220.D
Acq: 03 Mar 2024 15:47

Tgt Ion:228 Resp: 5115
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.4 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.401 ng/ul

RT: 23.087 min Scan# 4726

Delta R.T. -0.009 min

Lab File: BN030220.D

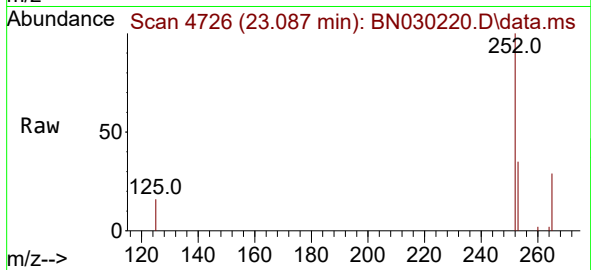
Acq: 03 Mar 2024 15:47

Instrument :

BNA_N

ClientSampleId :

SLCS264



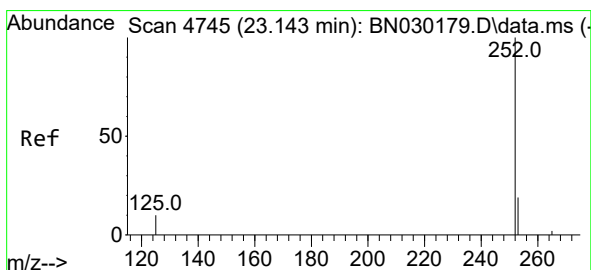
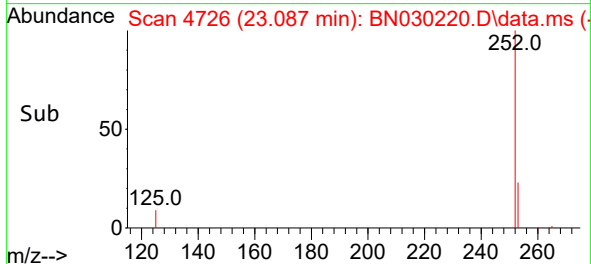
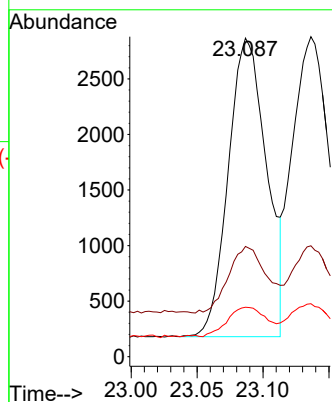
Tgt Ion:252 Resp: 5421

Ion Ratio Lower Upper

252 100

253 34.6 0.0 69.4

125 15.5 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.373 ng/ul

RT: 23.136 min Scan# 4743

Delta R.T. -0.007 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

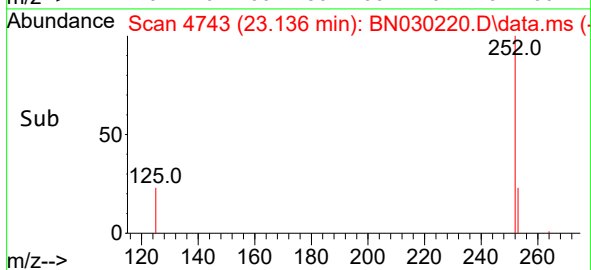
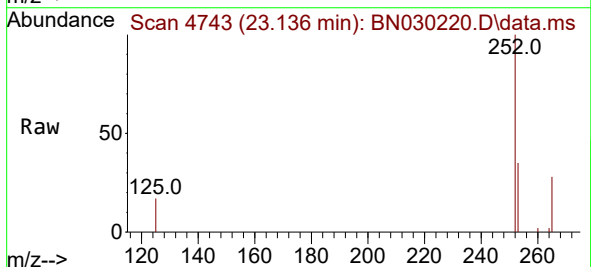
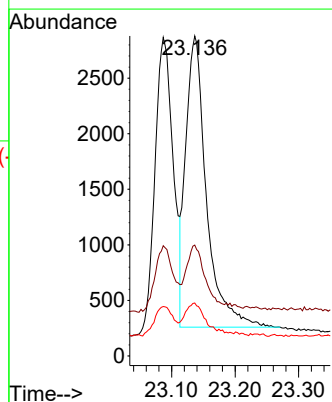
Tgt Ion:252 Resp: 5946

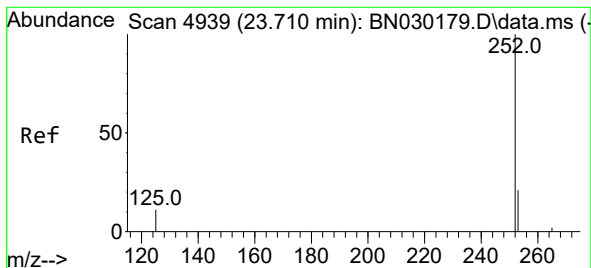
Ion Ratio Lower Upper

252 100

253 34.7 28.0 42.0

125 16.6 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.698 min Scan# 4935

Delta R.T. -0.012 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

Instrument :

BNA_N

ClientSampleId :

SLCS264

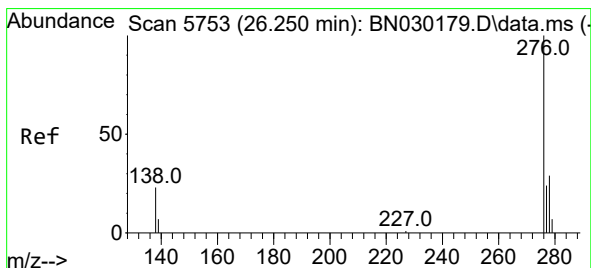
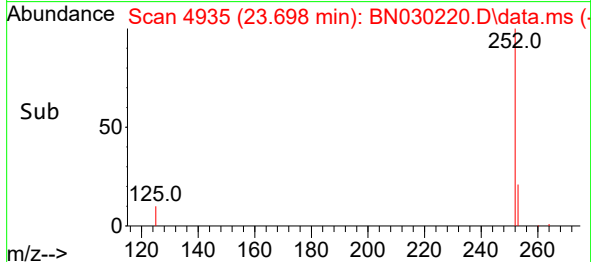
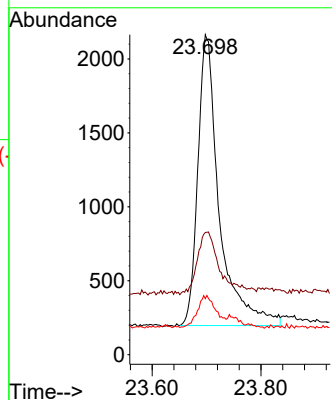
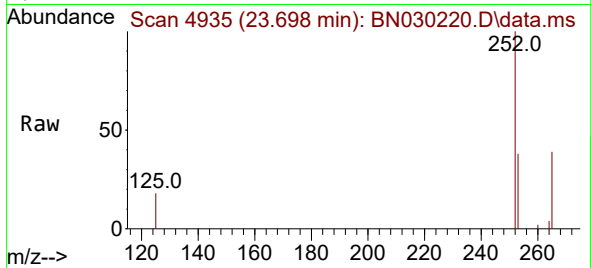
Tgt Ion:252 Resp: 5378

Ion Ratio Lower Upper

252 100

253 38.2 33.0 49.4

125 17.5 16.9 25.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng/ul

RT: 26.232 min Scan# 5748

Delta R.T. -0.017 min

Lab File: BN030220.D

Acq: 03 Mar 2024 15:47

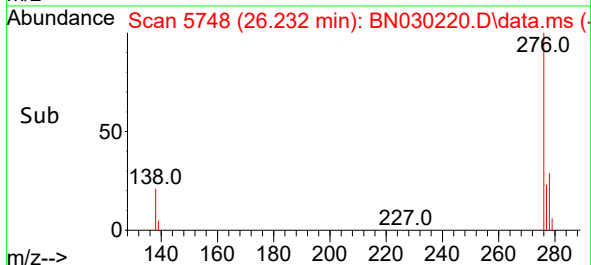
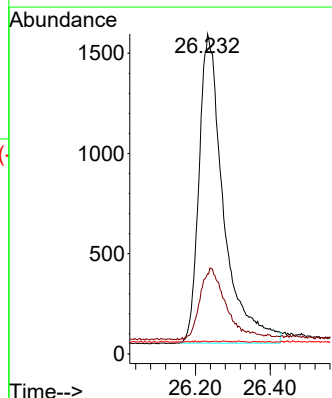
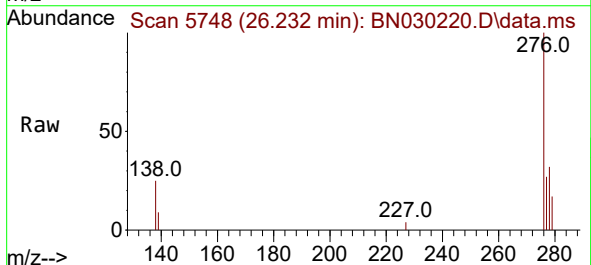
Tgt Ion:276 Resp: 7022

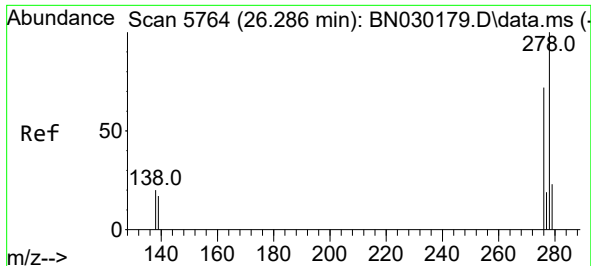
Ion Ratio Lower Upper

276 100

138 25.7 20.9 31.3

227 0.1 0.1 0.1#

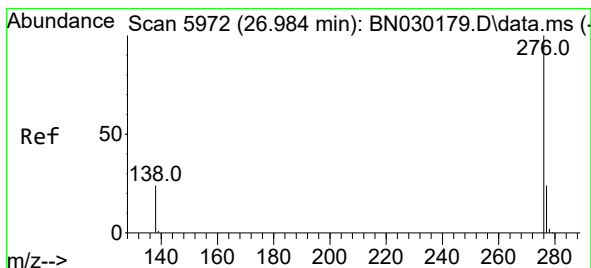
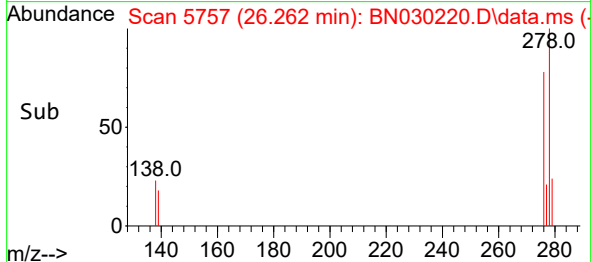
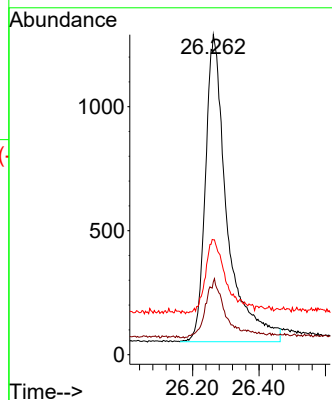
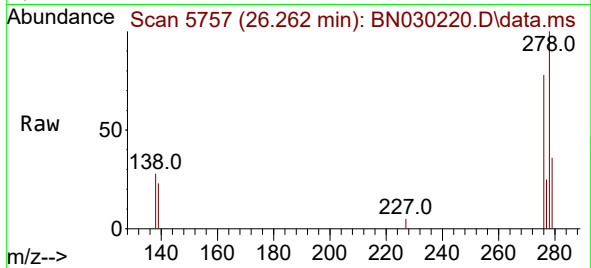




#28
 Dibenzo(a,h)anthracene
 Concen: 0.411 ng/ul
 RT: 26.262 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BN030220.D
 Acq: 03 Mar 2024 15:47

Instrument :
 BNA_N
 ClientSampleId :
 SLCS264

Tgt Ion:278 Resp: 5587
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.9 28.3
 279 35.9 31.8 47.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.384 ng/ul
 RT: 26.973 min Scan# 5969
 Delta R.T. -0.011 min
 Lab File: BN030220.D
 Acq: 03 Mar 2024 15:47

Tgt Ion:276 Resp: 6260
 Ion Ratio Lower Upper
 276 100
 138 24.3 22.6 33.8
 277 27.3 21.9 32.9

