

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
 Data File : BN025209.D
 Acq On : 01 May 2023 15:41
 Operator : CG/JU
 Sample : PB152474BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS474

Quant Time: May 02 04:02:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

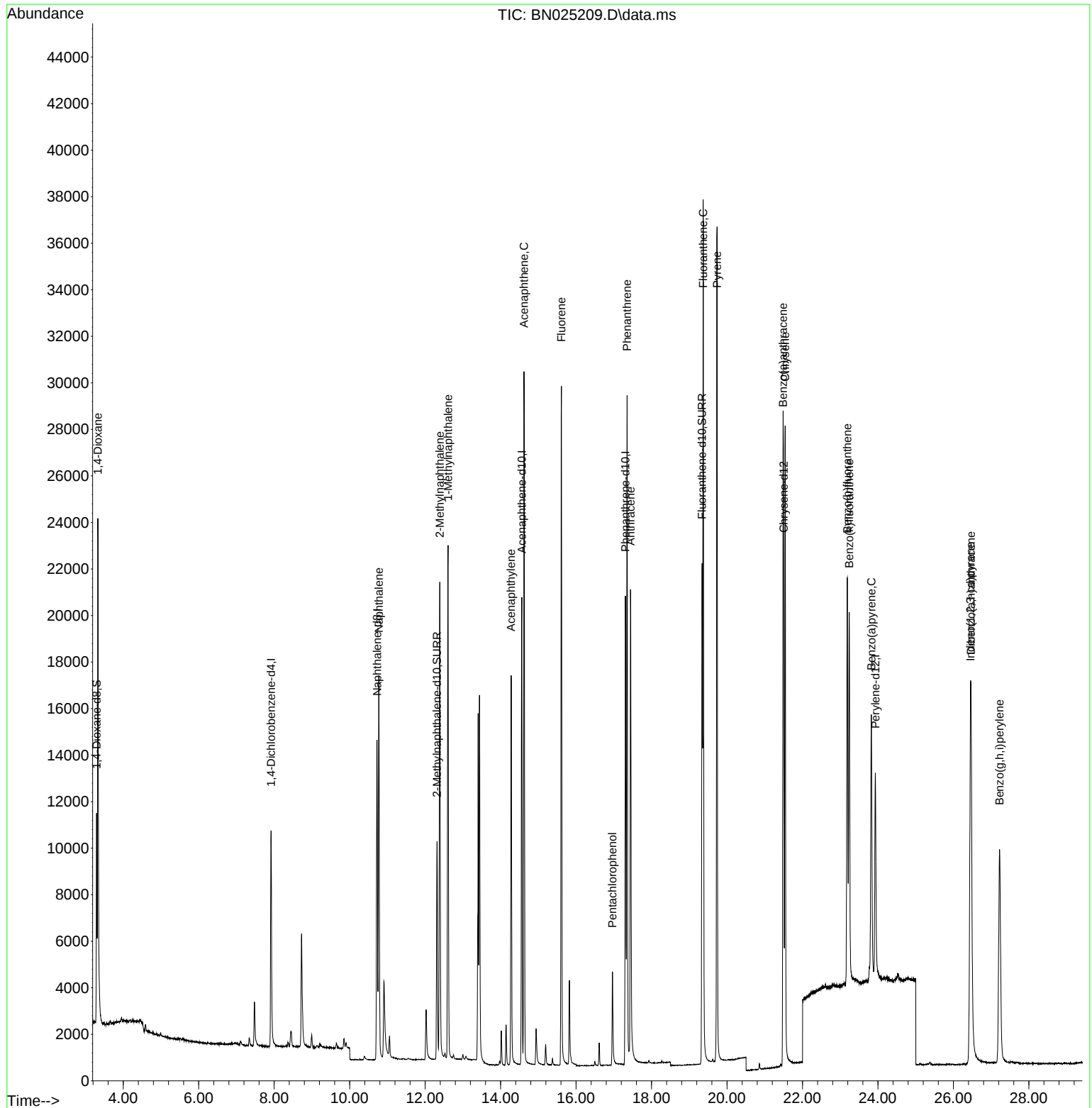
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	5593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19050	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	10985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	23302	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	14698	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	12767	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	5276	0.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12757	0.522	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	24529	0.633	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	13572	2.176	ng/ul#	88
5) Naphthalene	10.776	128	24098	0.494	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	15159	0.507	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	15625	0.490	ng/ul	100
10) Acenaphthylene	14.279	152	20231	0.494	ng/ul	99
11) Acenaphthene	14.621	153	17132	0.497	ng/ul	100
12) Fluorene	15.611	166	19084	0.495	ng/ul	99
14) Pentachlorophenol	16.963	266	3086	0.675	ng/ul	98
15) Phenanthrene	17.351	178	30779	0.468	ng/ul	100
16) Anthracene	17.444	178	25302	0.470	ng/ul	100
19) Fluoranthene	19.368	202	32358	0.609	ng/ul	99
20) Pyrene	19.735	202	32237	0.590	ng/ul	99
21) Benzo(a)anthracene	21.485	228	23327	0.527	ng/ul	100
22) Chrysene	21.541	228	25454	0.527	ng/ul	100
24) Benzo(b)fluoranthene	23.189	252	24132	0.466	ng/ul	100
25) Benzo(k)fluoranthene	23.239	252	23722	0.476	ng/ul	100
26) Benzo(a)pyrene	23.826	252	19883	0.464	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.450	276	25149	0.509	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.467	278	19516	0.506	ng/ul	99
29) Benzo(g,h,i)perylene	27.225	276	22128	0.527	ng/ul	99

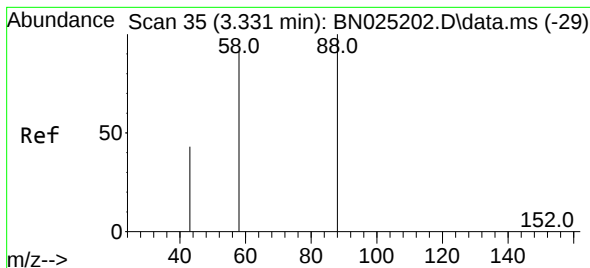
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.176 ng/ul

RT: 3.327 min Scan# 34

Delta R.T. 0.000 min

Lab File: BN025209.D

Acq: 01 May 2023 15:41

Instrument :

BNA_N

ClientSampleId :

SLCS474

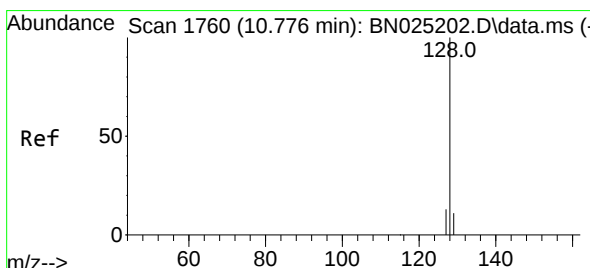
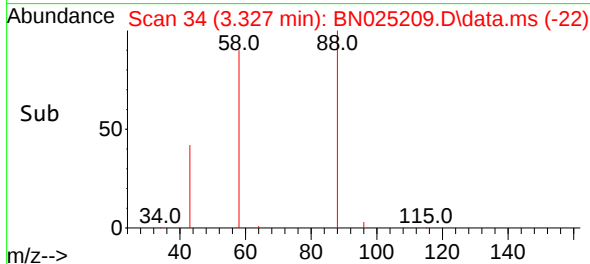
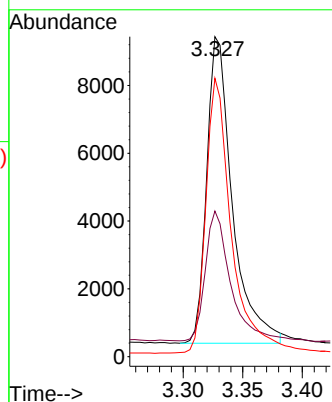
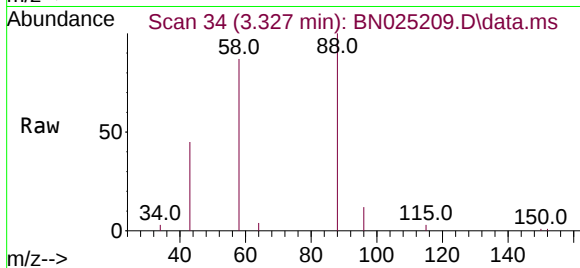
Tgt Ion: 88 Resp: 13572

Ion Ratio Lower Upper

88 100

43 45.5 37.0 55.4

58 87.0 56.9 85.3#



#5

Naphthalene

Concen: 0.494 ng/ul

RT: 10.776 min Scan# 1760

Delta R.T. 0.002 min

Lab File: BN025209.D

Acq: 01 May 2023 15:41

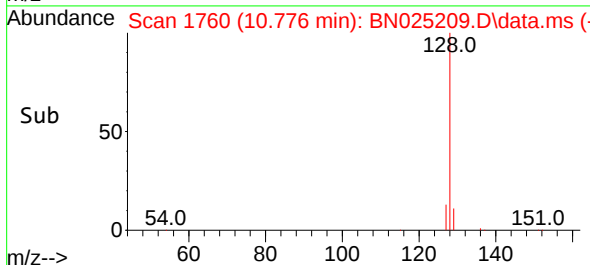
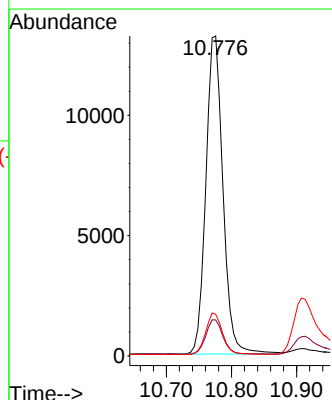
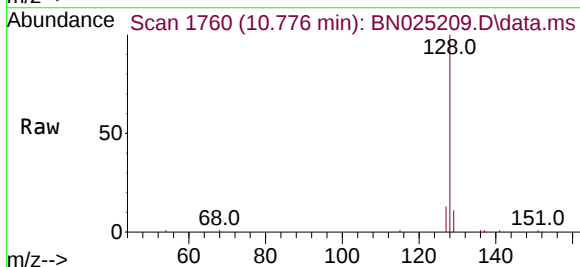
Tgt Ion: 128 Resp: 24098

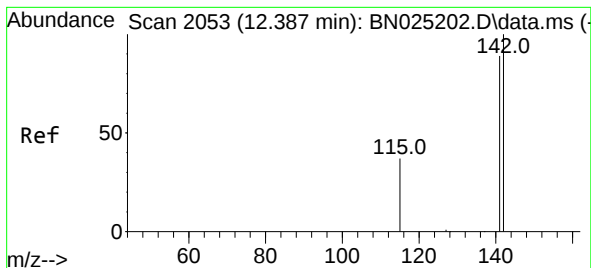
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.0 10.7 16.1

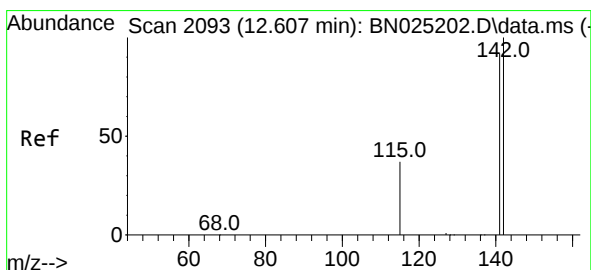
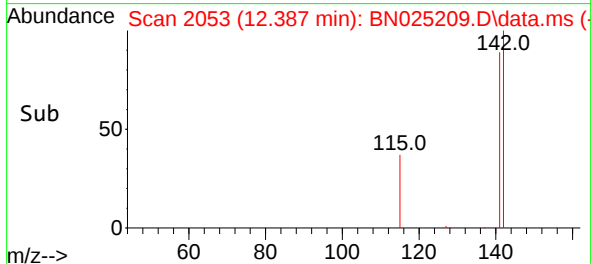
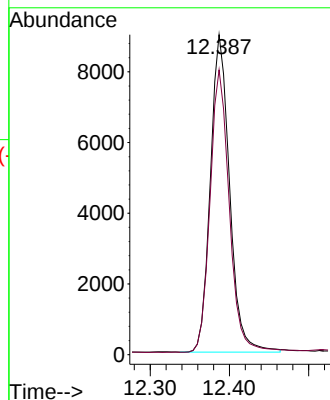
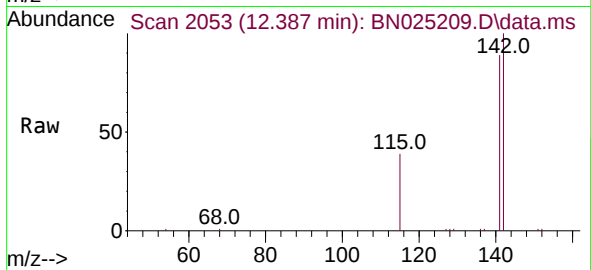




#7
2-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

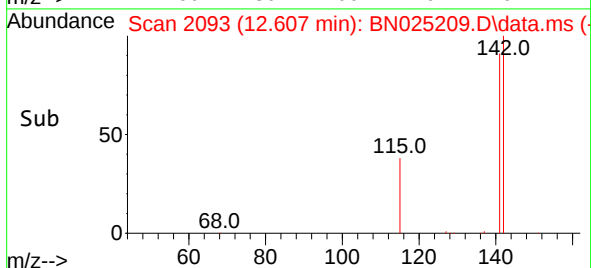
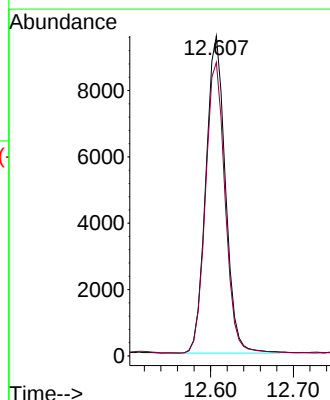
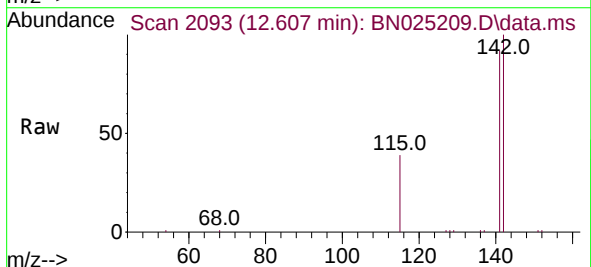
Instrument :
BNA_N
ClientSampleId :
SLCS474

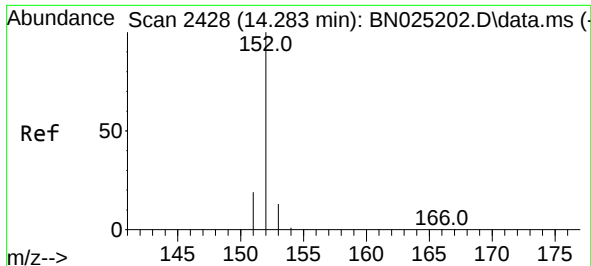
Tgt Ion:142 Resp: 15159
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:142 Resp: 15625
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

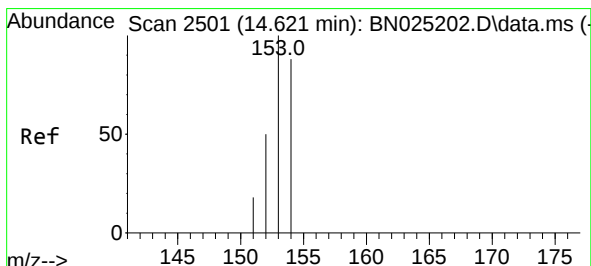
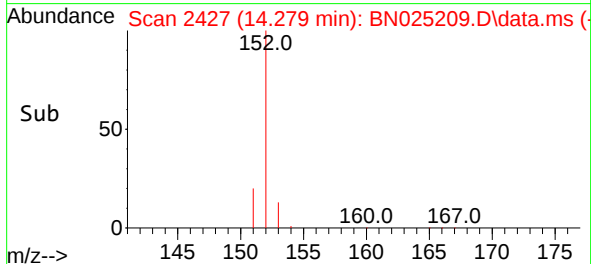
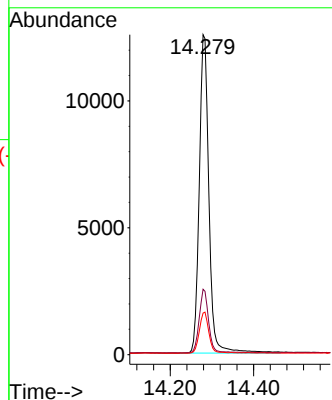
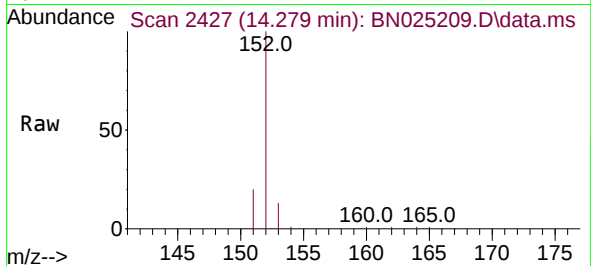




#10
Acenaphthylene
Concen: 0.494 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

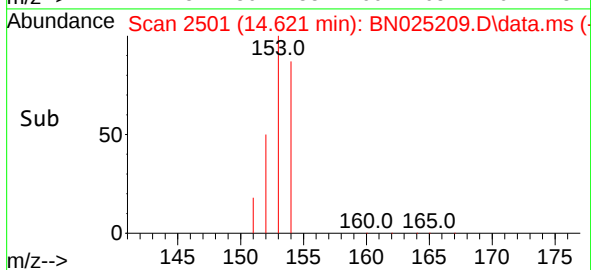
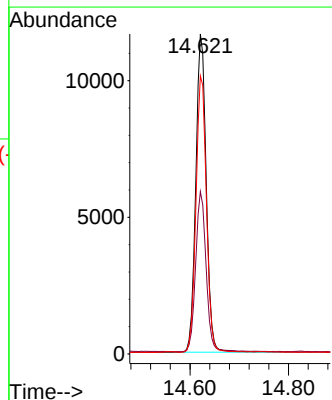
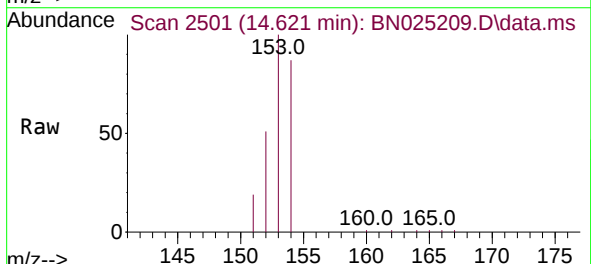
Instrument :
BNA_N
ClientSampleId :
SLCS474

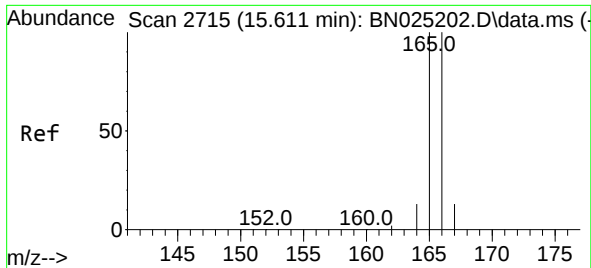
Tgt Ion:152 Resp: 20231
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.0 10.8 16.2



#11
Acenaphthene
Concen: 0.497 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:153 Resp: 17132
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 86.9 69.4 104.2

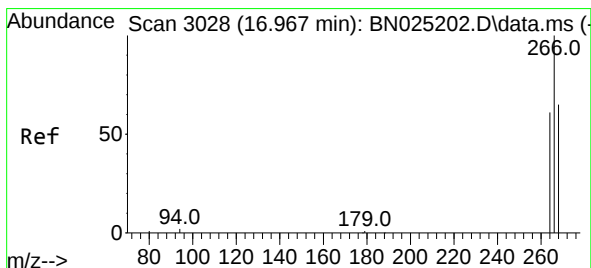
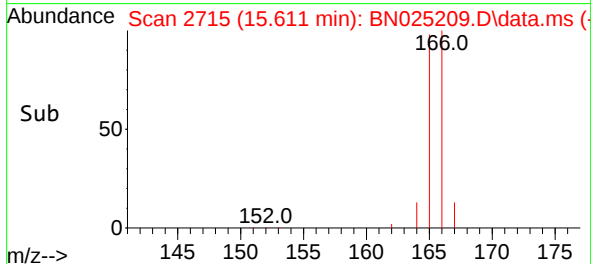
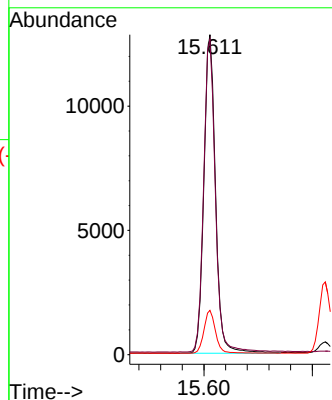
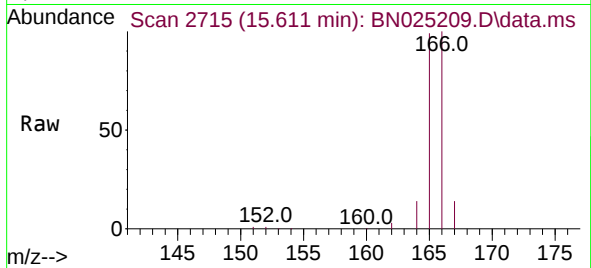




#12
Fluorene
Concen: 0.495 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

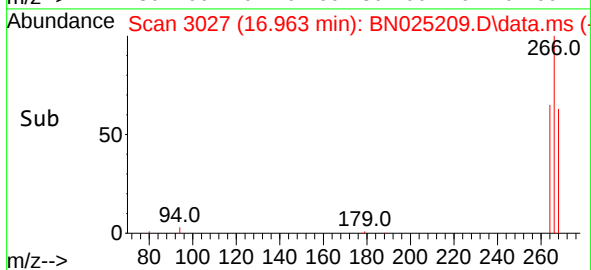
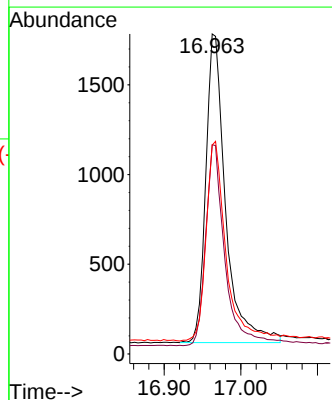
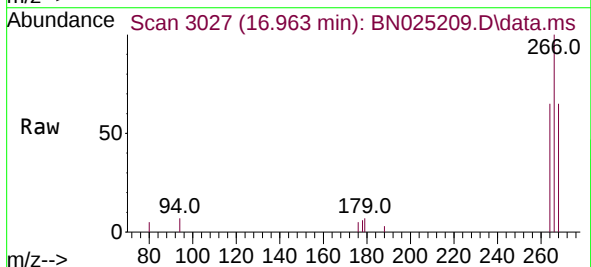
Instrument :
BNA_N
ClientSampleId :
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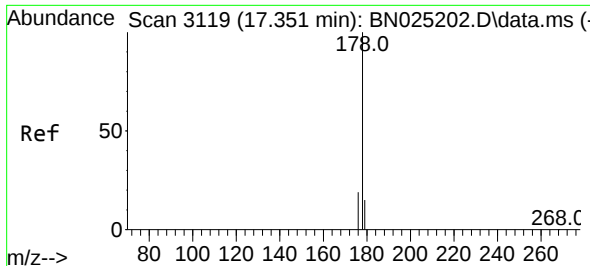
Tgt Ion:166 Resp: 19084
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.675 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.003 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:266 Resp: 3086
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 65.3 51.3 76.9

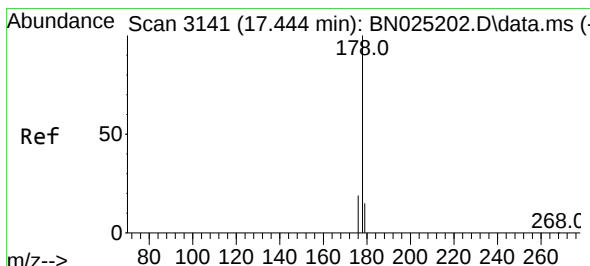
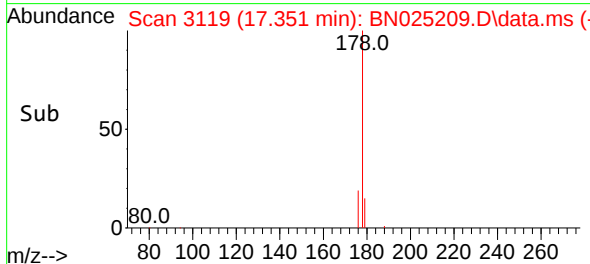
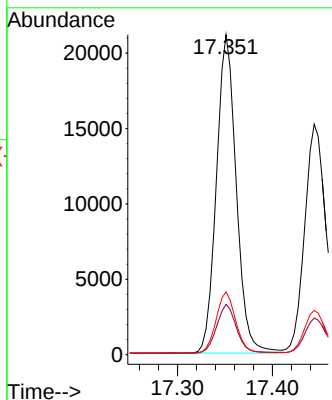
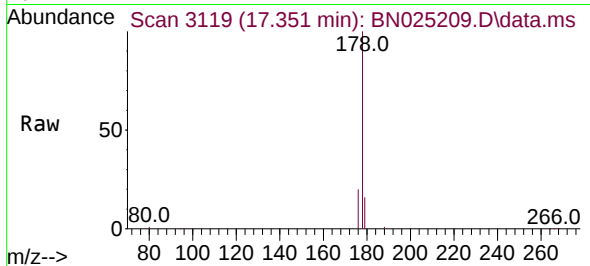




#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

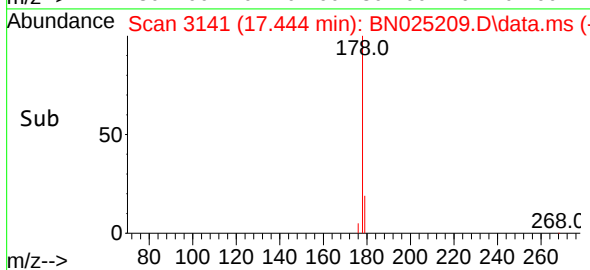
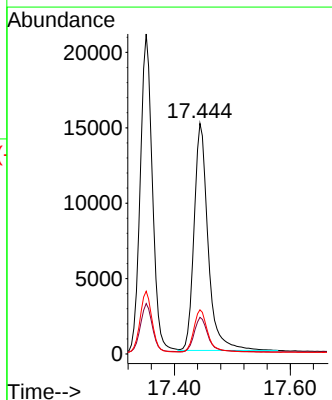
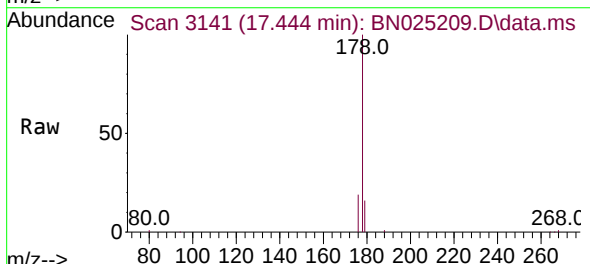
Instrument :
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SLCS474

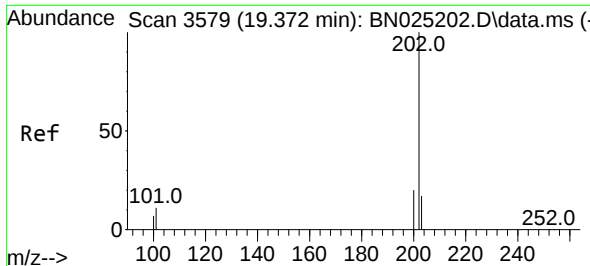
Tgt Ion:178 Resp: 30779
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.470 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:178 Resp: 25302
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.1 15.3 22.9

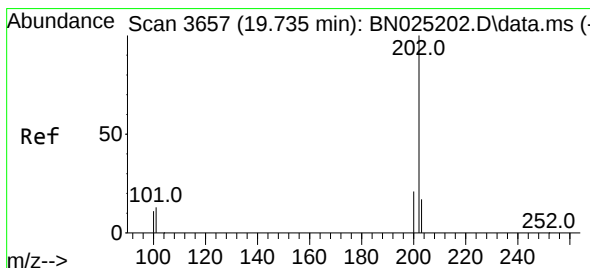
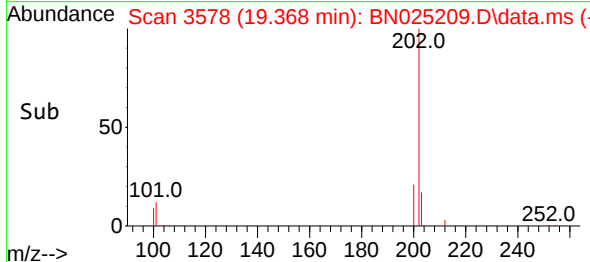
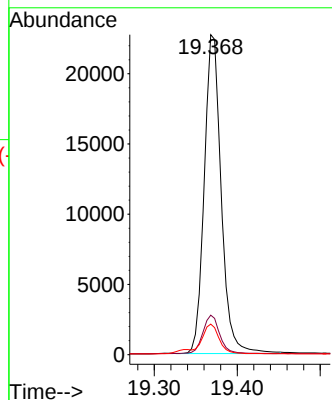
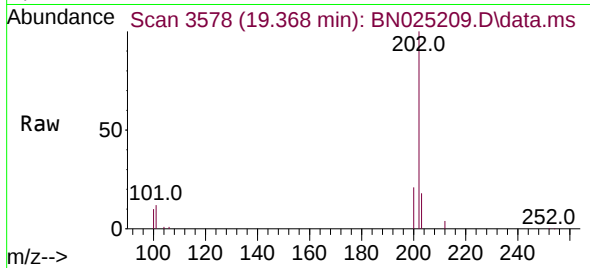




#19
Fluoranthene
Concen: 0.609 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

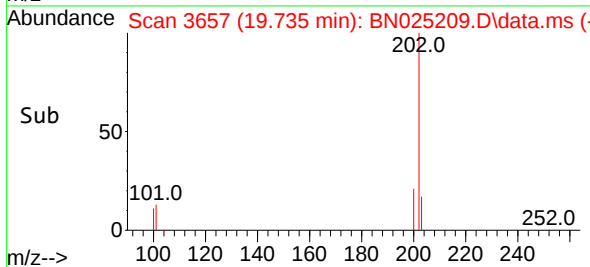
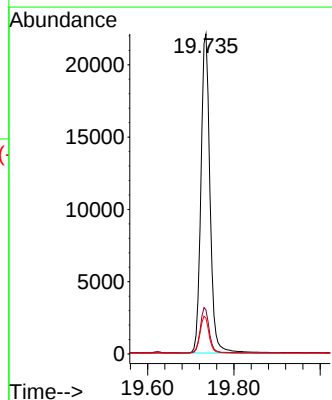
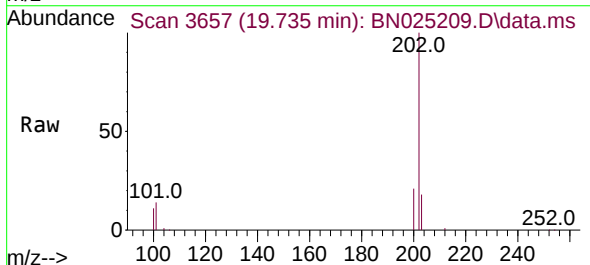
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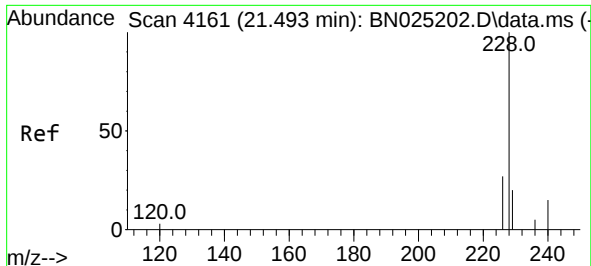
Tgt Ion:202 Resp: 32358
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.590 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

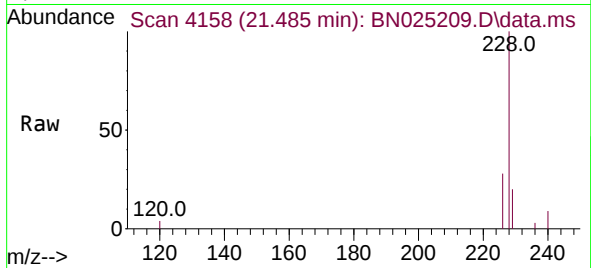
Tgt Ion:202 Resp: 32237
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.2 9.2 13.8



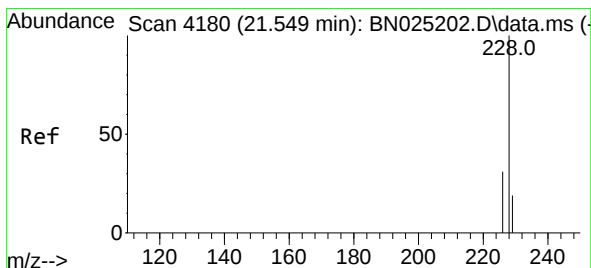
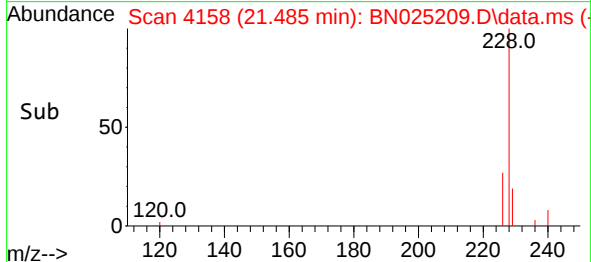
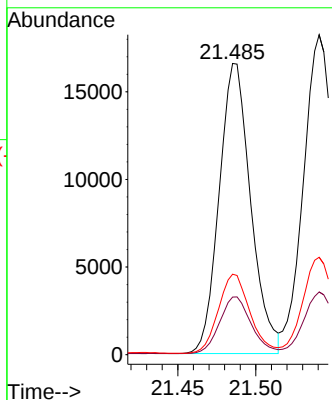


#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.485 min Scan# 4161
Delta R.T. -0.005 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
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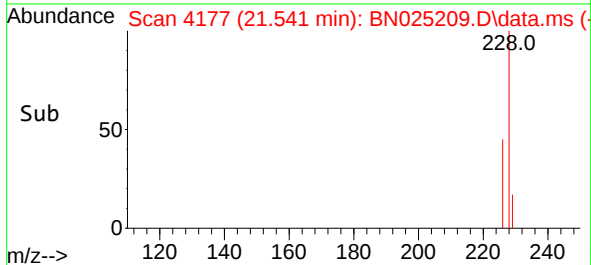
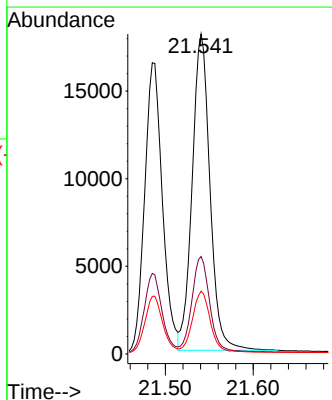
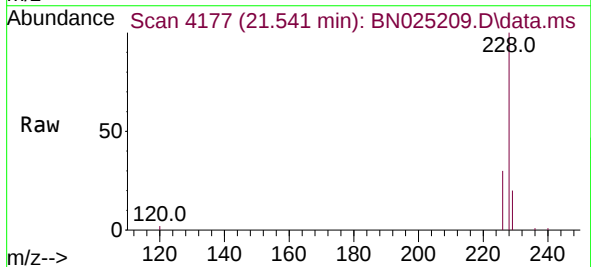


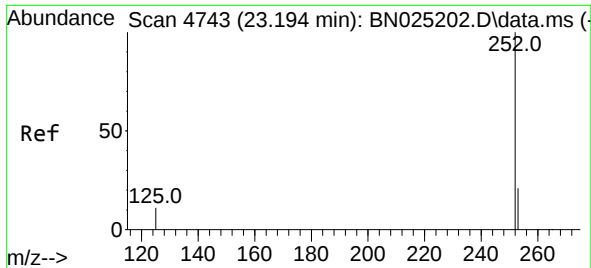
Tgt Ion:228 Resp: 23327
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.527 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:228 Resp: 25454
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.6 15.8 23.6

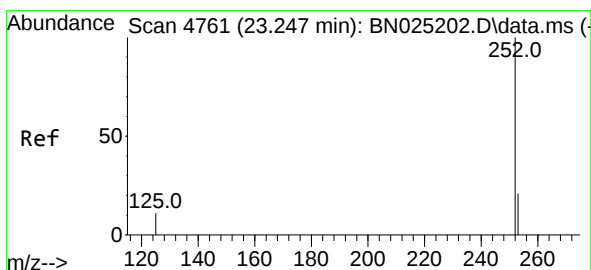
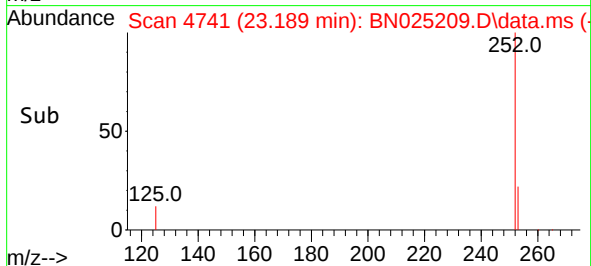
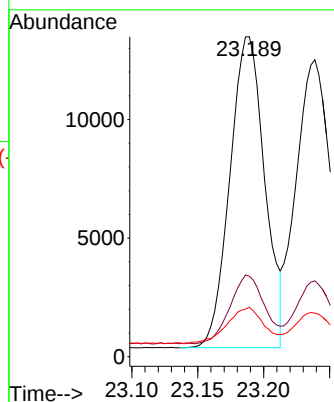
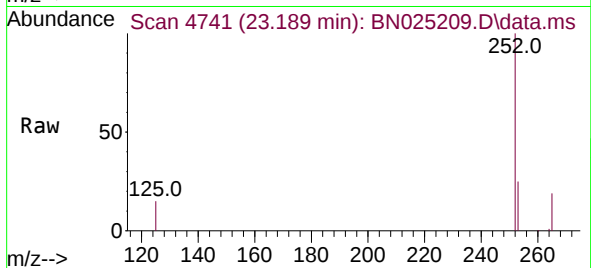




#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. -0.011 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

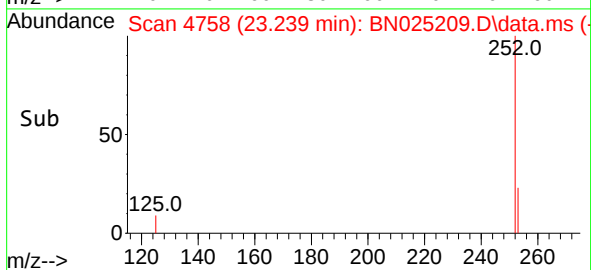
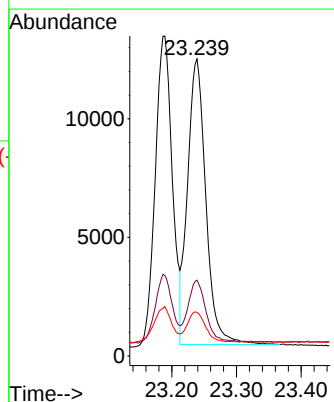
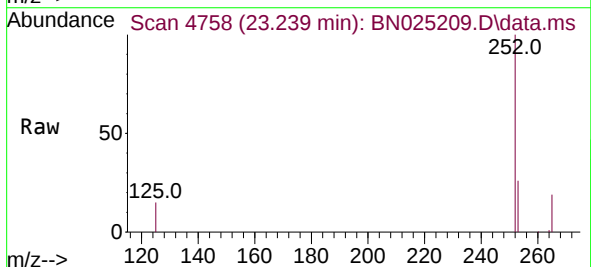
Instrument :
BNA_N
ClientSampleId :
SLCS474

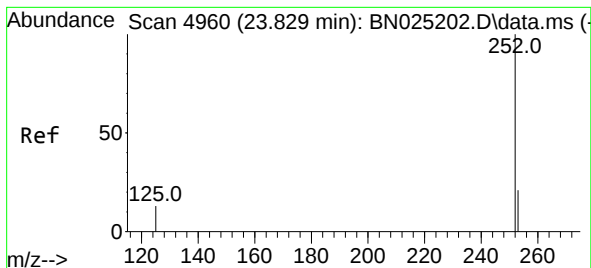
Tgt Ion:252 Resp: 24132
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.2
125 15.4 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.476 ng/ul
RT: 23.239 min Scan# 4758
Delta R.T. -0.008 min
Lab File: BN025209.D
Acq: 01 May 2023 15:41

Tgt Ion:252 Resp: 23722
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 14.7 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.464 ng/ul

RT: 23.826 min Scan# 4960

Delta R.T. -0.016 min

Lab File: BN025209.D

Acq: 01 May 2023 15:41

Instrument :

BNA_N

ClientSampleId :

SLCS474

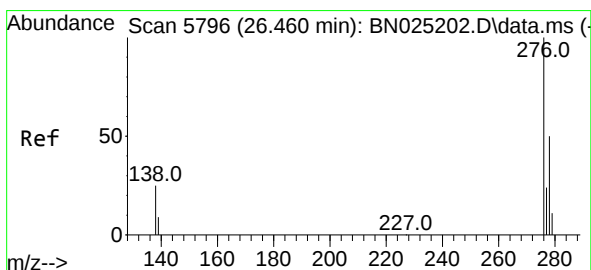
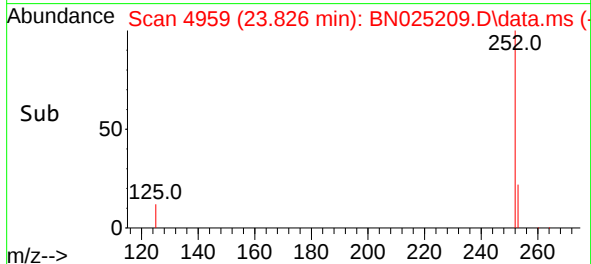
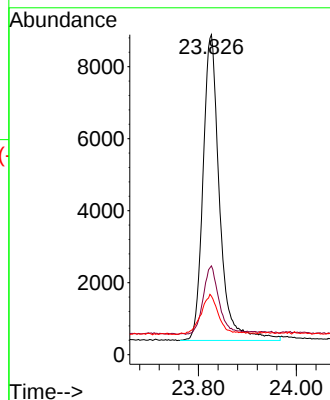
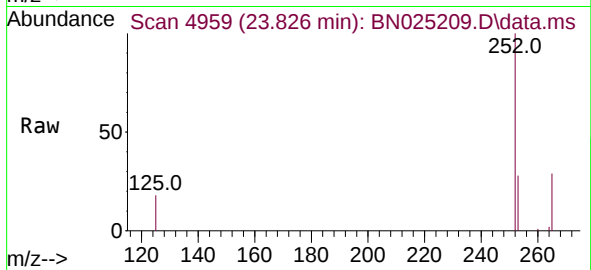
Tgt Ion:252 Resp: 19883

Ion Ratio Lower Upper

252 100

253 27.7 21.4 32.2

125 18.3 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.509 ng/ul

RT: 26.450 min Scan# 5793

Delta R.T. -0.032 min

Lab File: BN025209.D

Acq: 01 May 2023 15:41

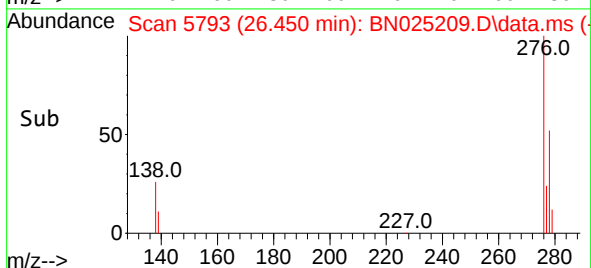
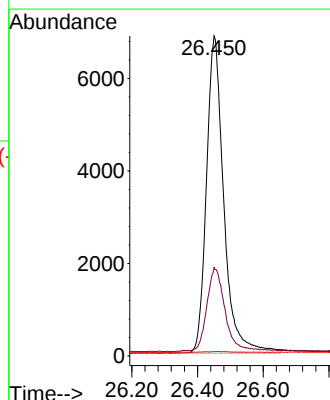
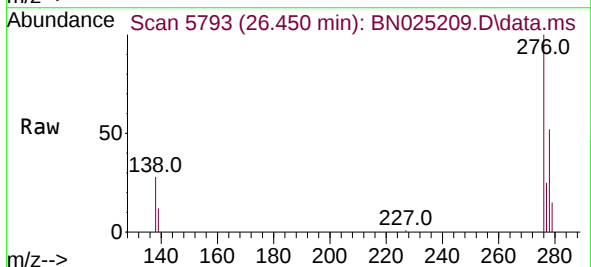
Tgt Ion:276 Resp: 25149

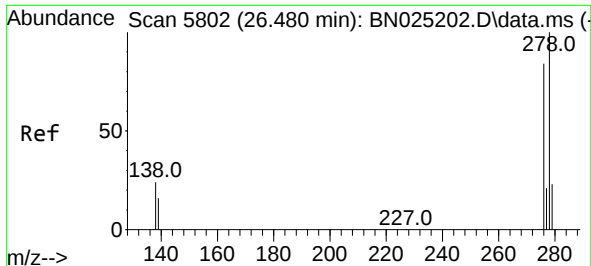
Ion Ratio Lower Upper

276 100

138 26.9 21.9 32.9

227 0.2 0.1 0.1#

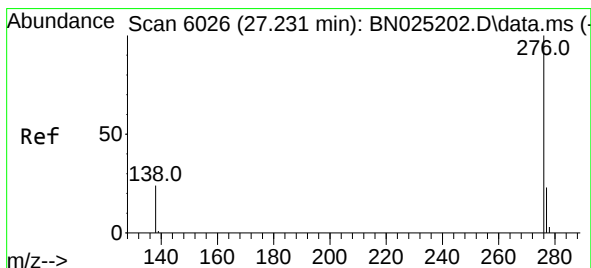
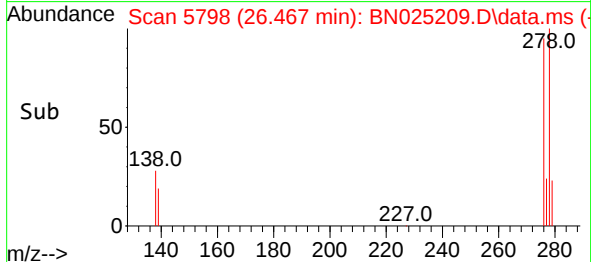
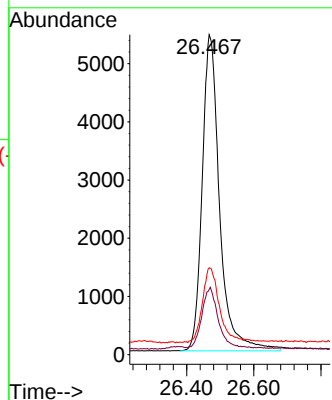
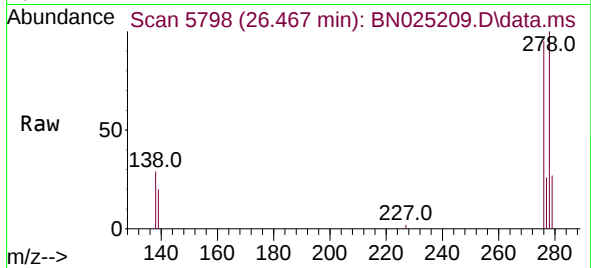




#28
 Dibenzo(a,h)anthracene
 Concen: 0.506 ng/ul
 RT: 26.467 min Scan# 51
 Delta R.T. -0.039 min
 Lab File: BN025209.D
 Acq: 01 May 2023 15:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS474

Tgt Ion:278 Resp: 19516
 Ion Ratio Lower Upper
 278 100
 139 20.4 17.0 25.6
 279 27.1 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.527 ng/ul
 RT: 27.225 min Scan# 6024
 Delta R.T. -0.036 min
 Lab File: BN025209.D
 Acq: 01 May 2023 15:41

Tgt Ion:276 Resp: 22128
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.3 30.5
 277 24.3 19.8 29.6

