

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025160.D
 Acq On : 26 Apr 2023 23:27
 Operator : CG/JU
 Sample : PB152318BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS318

Quant Time: Apr 27 00:39:54 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 : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

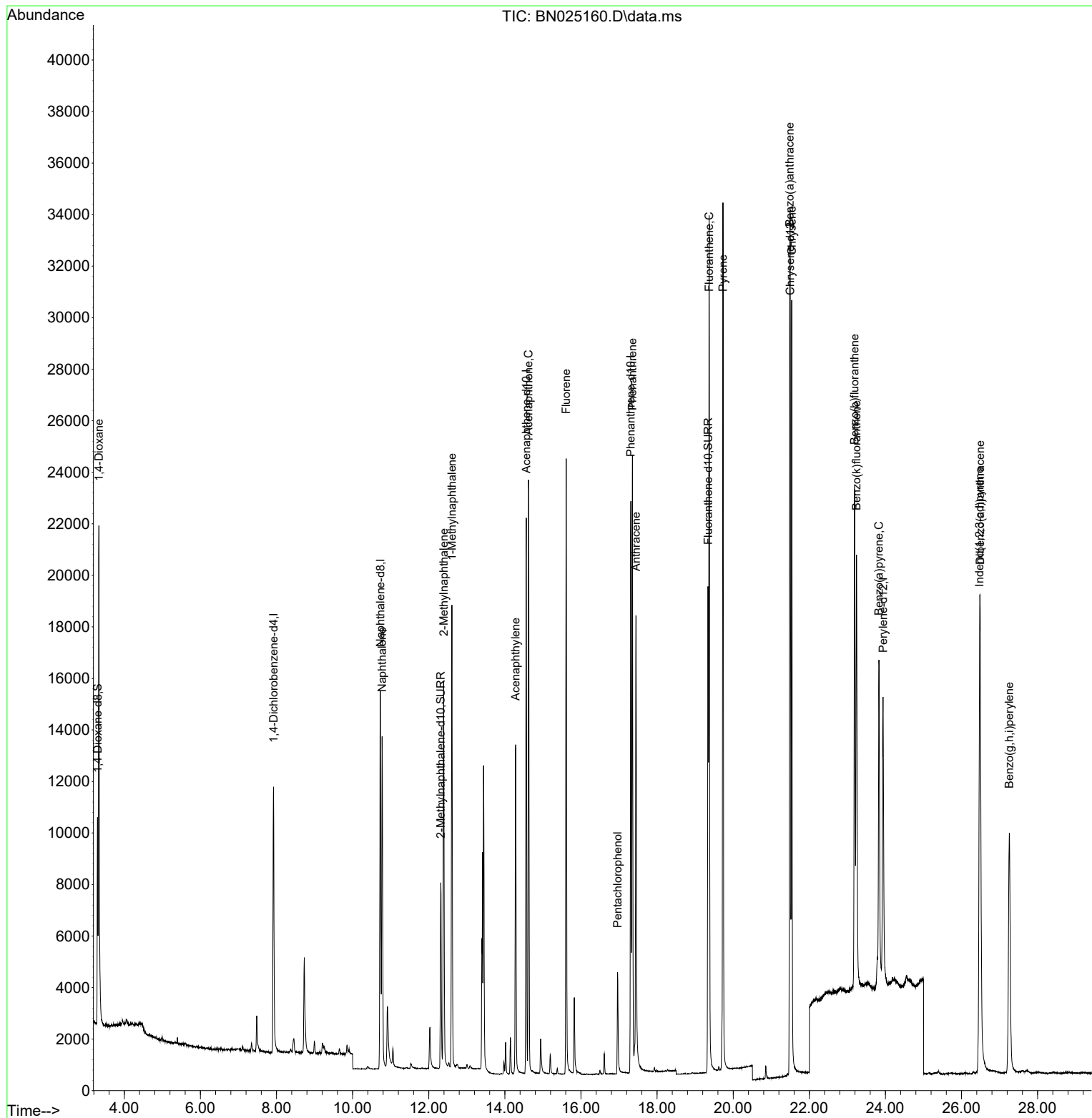
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6138	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19792	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	11719	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	26057	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	20653	0.400	ng/ul	-0.01
23) Perylene-d12	23.938	264	17055	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4736	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	9862	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	21980	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	11985	1.751	ng/ul	90
5) Naphthalene	10.776	128	18453	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	11647	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	12451	0.376	ng/ul	99
10) Acenaphthylene	14.284	152	15671	0.359	ng/ul	100
11) Acenaphthene	14.622	153	13646	0.371	ng/ul	100
12) Fluorene	15.612	166	15372	0.374	ng/ul	99
14) Pentachlorophenol	16.963	266	2980	0.583	ng/ul	99
15) Phenanthrene	17.352	178	25784	0.351	ng/ul	100
16) Anthracene	17.445	178	21265	0.353	ng/ul	100
19) Fluoranthene	19.369	202	28693	0.384	ng/ul	100
20) Pyrene	19.731	202	29122	0.380	ng/ul	99
21) Benzo(a)anthracene	21.486	228	24172	0.388	ng/ul	99
22) Chrysene	21.538	228	27165	0.400	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	25907	0.374	ng/ul	99
25) Benzo(k)fluoranthene	23.240	252	25085	0.377	ng/ul	99
26) Benzo(a)pyrene	23.830	252	20388	0.356	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.474	276	24298	0.368	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.488	278	19371	0.376	ng/ul	98
29) Benzo(g,h,i)perylene	27.256	276	20684	0.369	ng/ul	100

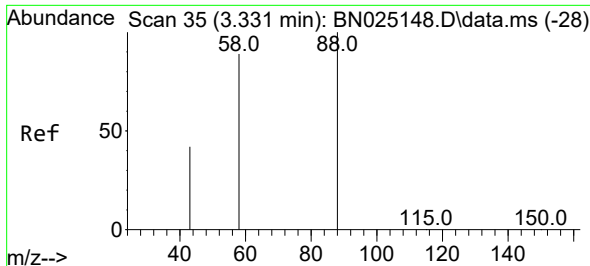
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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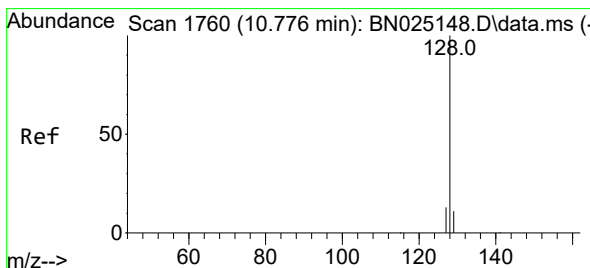
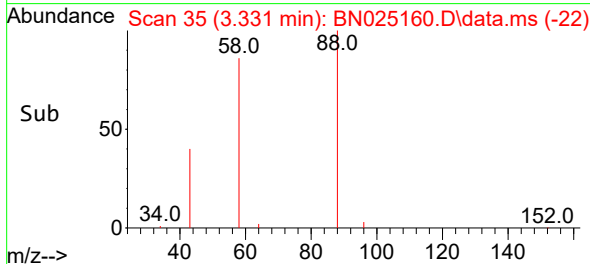
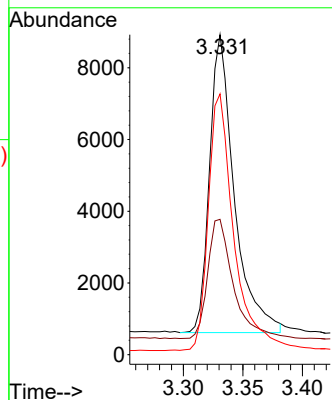
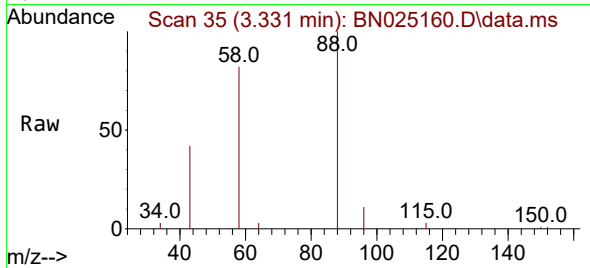




#2
 1,4-Dioxane
 Concen: 1.751 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025160.D
 Acq: 26 Apr 2023 23:27

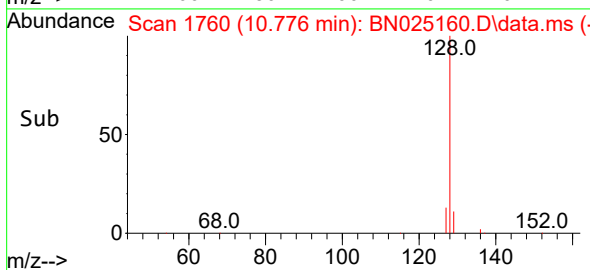
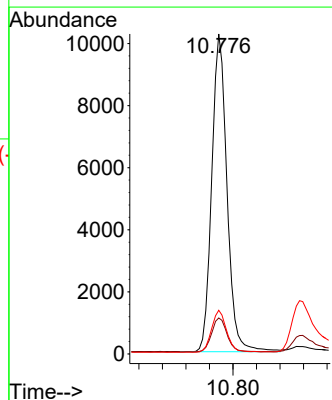
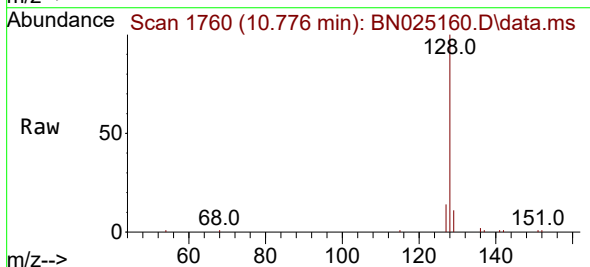
Instrument :
 BNA_N
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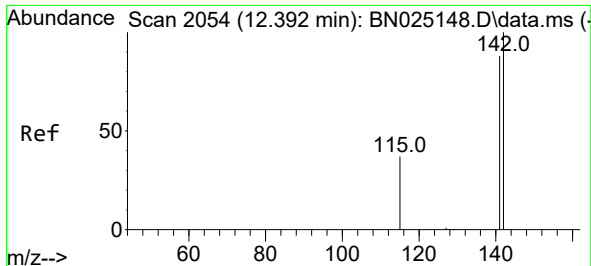
Tgt Ion: 88 Resp: 11985
 Ion Ratio Lower Upper
 88 100
 43 42.3 37.0 55.4
 58 81.5 56.9 85.3



#5
 Naphthalene
 Concen: 0.364 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025160.D
 Acq: 26 Apr 2023 23:27

Tgt Ion: 128 Resp: 18453
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.6 10.7 16.1

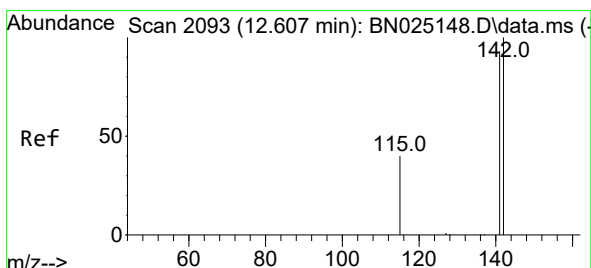
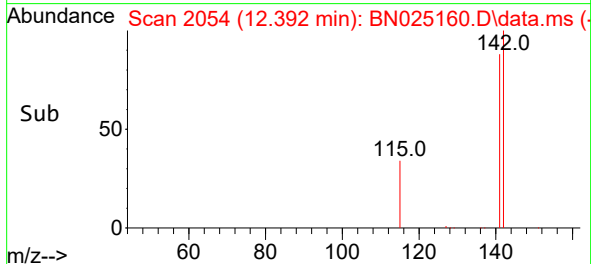
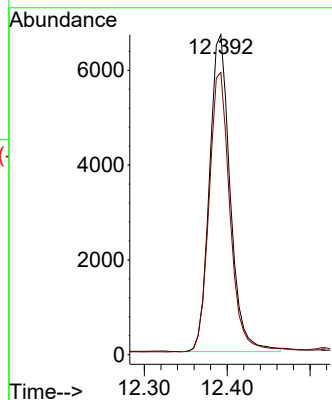
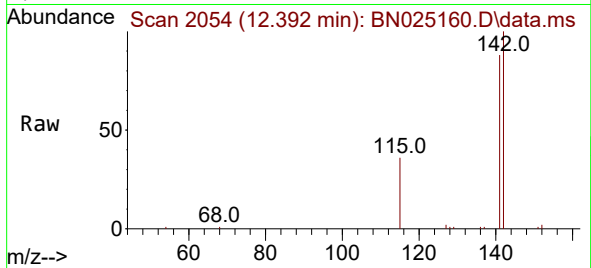




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

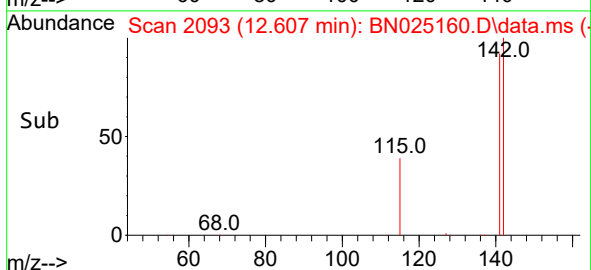
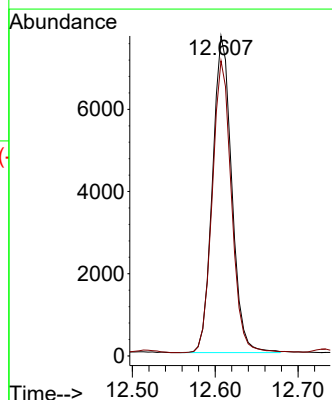
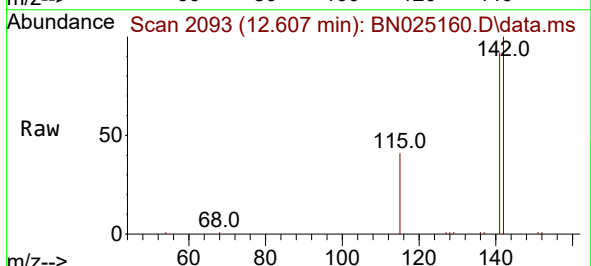
Instrument :
BNA_N
ClientSampleId :
SLCS318

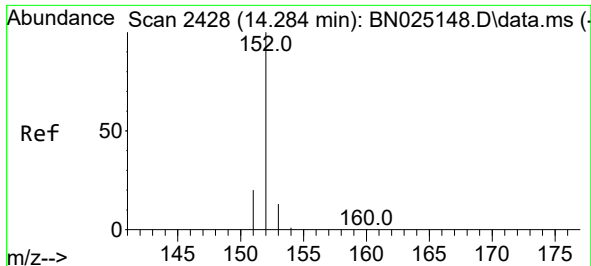
Tgt Ion:142 Resp: 11647
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Tgt Ion:142 Resp: 12451
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6

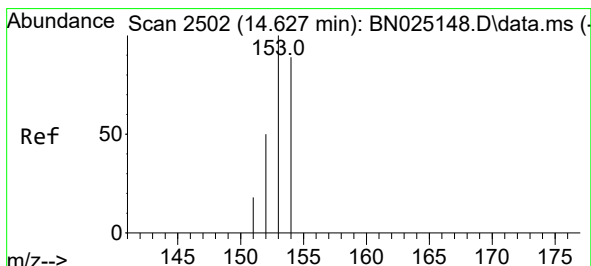
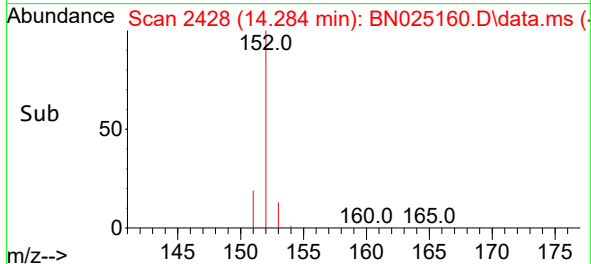
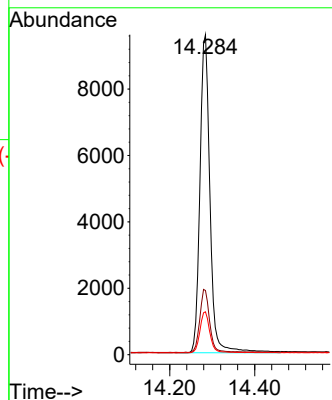
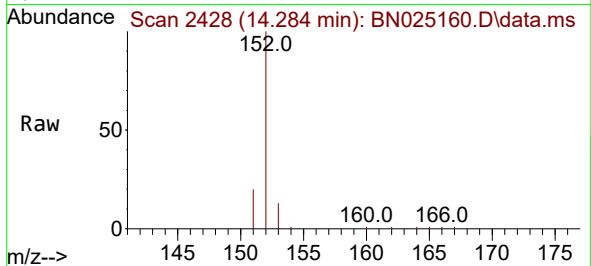




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

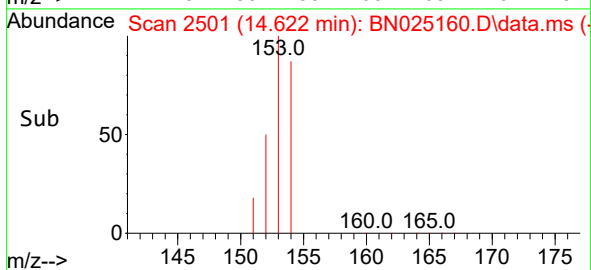
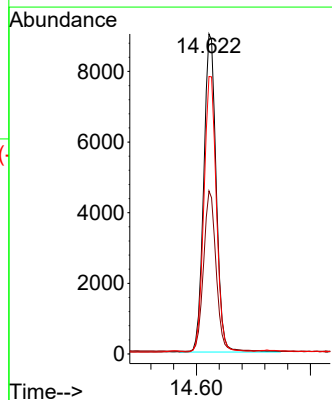
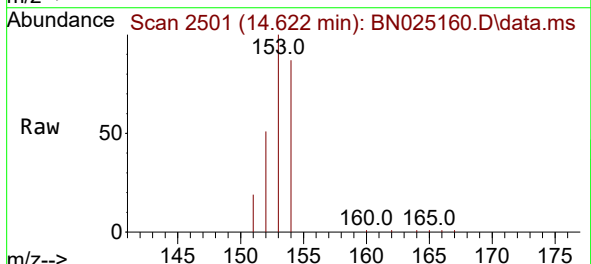
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ClientSampleId :
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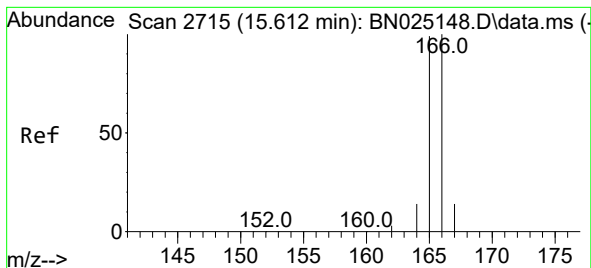
Tgt Ion:152 Resp: 15671
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.622 min Scan# 2501
Delta R.T. -0.003 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Tgt Ion:153 Resp: 13646
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 86.7 69.4 104.2





#12

Fluorene

Concen: 0.374 ng/ul

RT: 15.612 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025160.D

Acq: 26 Apr 2023 23:27

Instrument :

BNA_N

ClientSampleId :

SLCS318

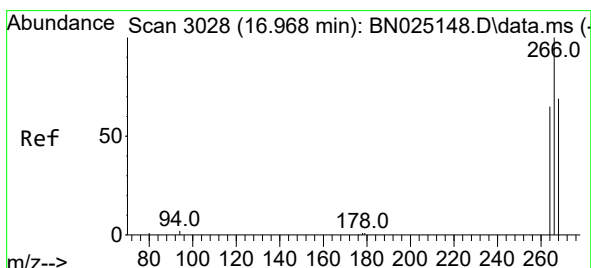
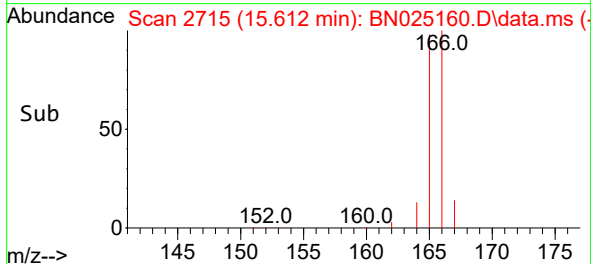
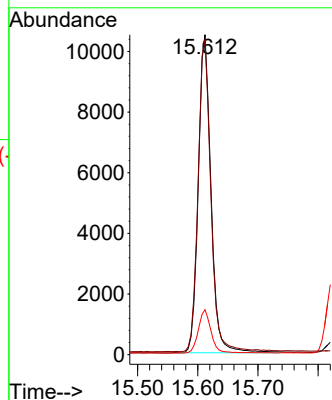
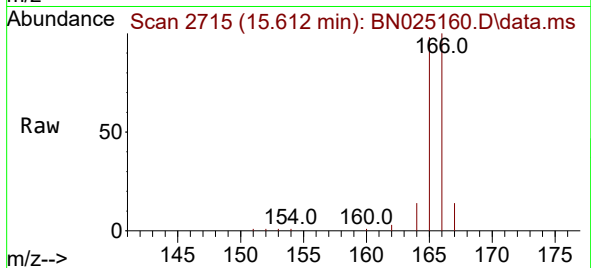
Tgt Ion:166 Resp: 15372

Ion Ratio Lower Upper

166 100

165 98.5 78.1 117.1

167 14.0 11.0 16.6



#14

Pentachlorophenol

Concen: 0.583 ng/ul

RT: 16.963 min Scan# 3027

Delta R.T. -0.003 min

Lab File: BN025160.D

Acq: 26 Apr 2023 23:27

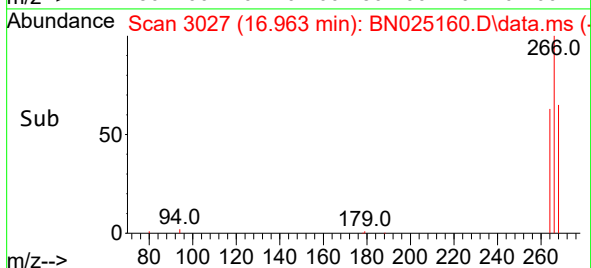
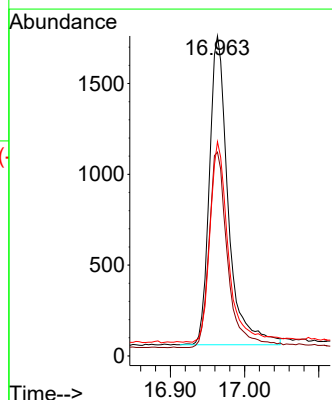
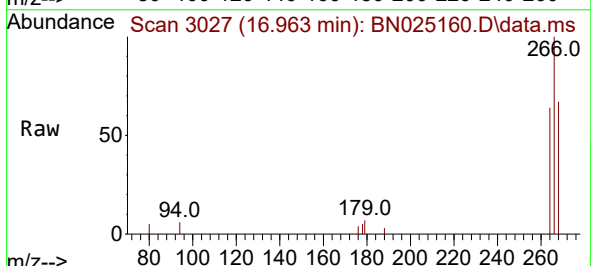
Tgt Ion:266 Resp: 2980

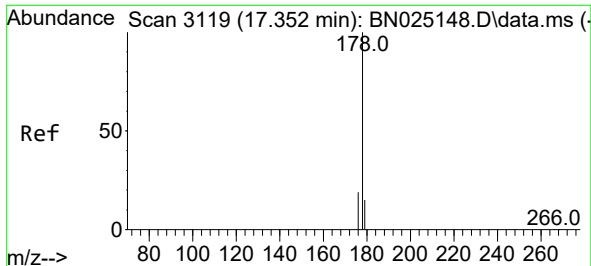
Ion Ratio Lower Upper

266 100

264 63.0 49.6 74.4

268 63.4 51.3 76.9

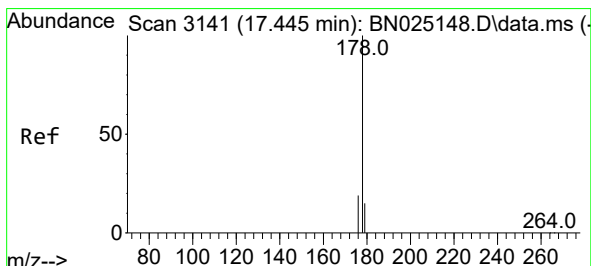
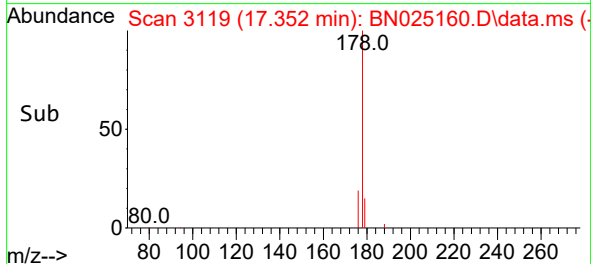
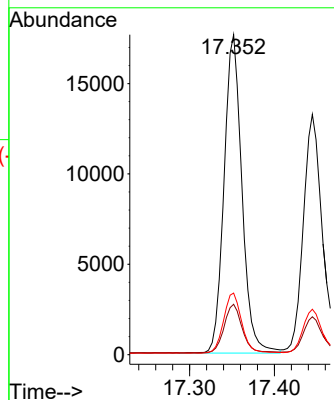
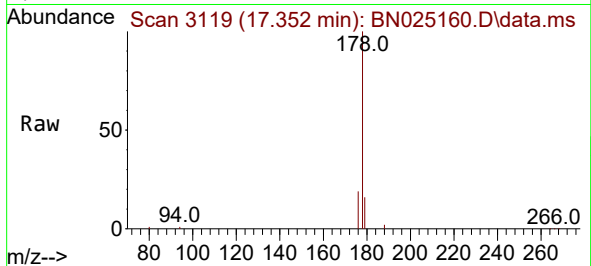




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

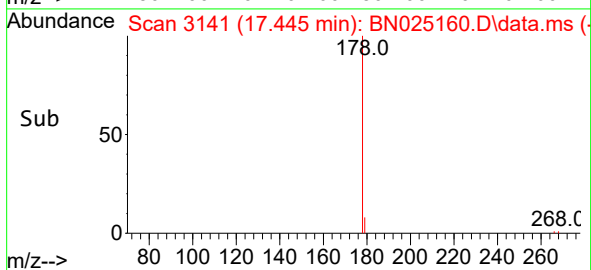
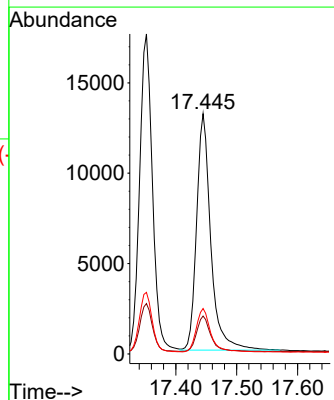
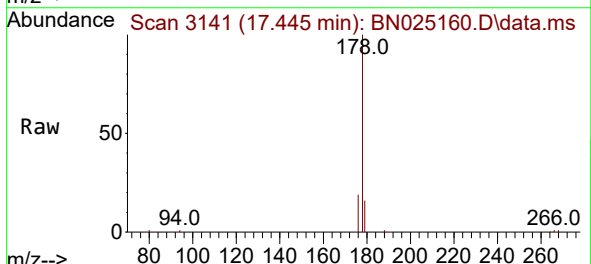
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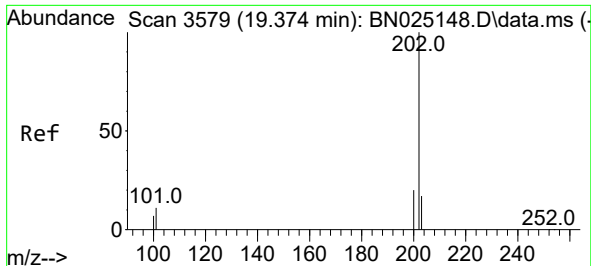
Tgt Ion:178 Resp: 25784
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Tgt Ion:178 Resp: 21265
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.9 15.3 22.9

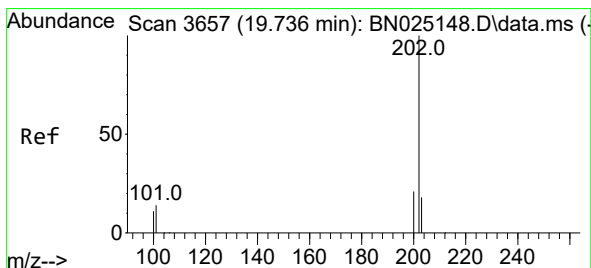
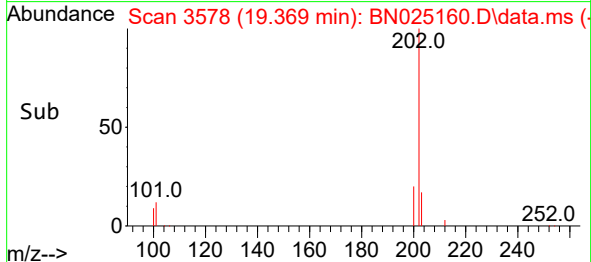
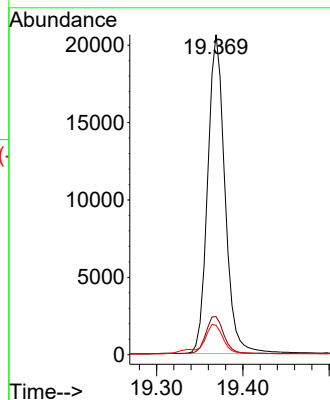
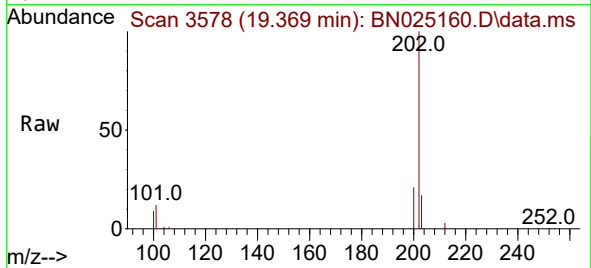




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

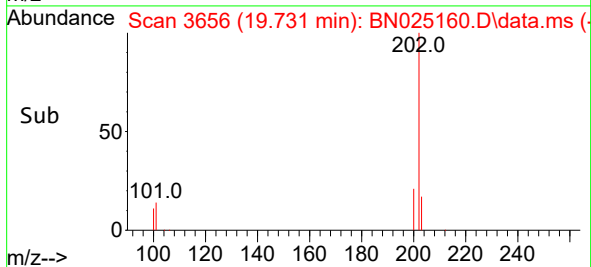
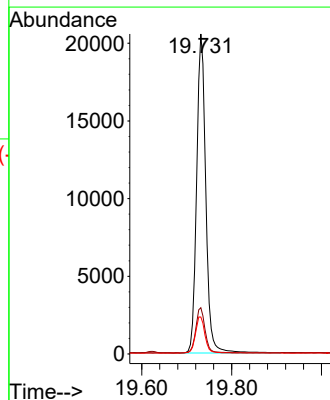
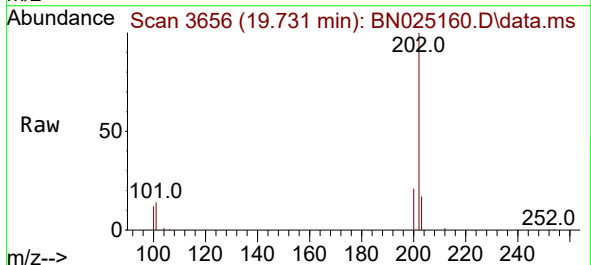
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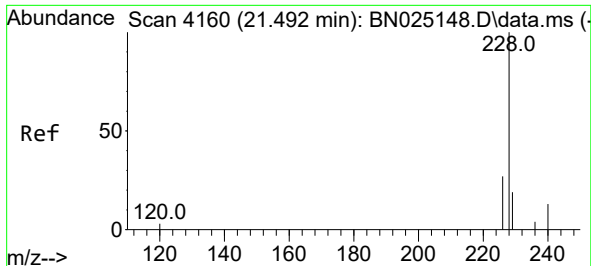
Tgt Ion:202 Resp: 28693
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.008 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Tgt Ion:202 Resp: 29122
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.6 9.2 13.8

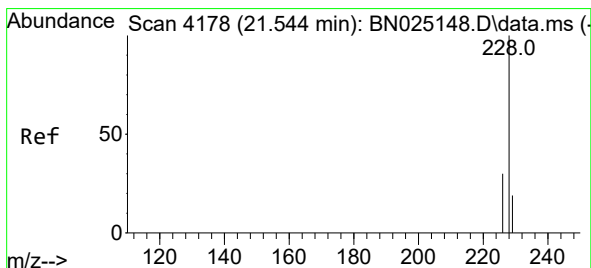
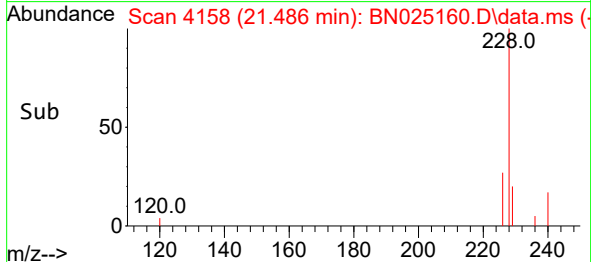
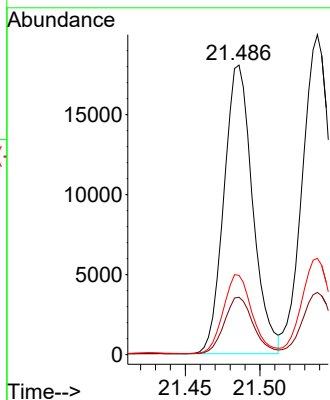
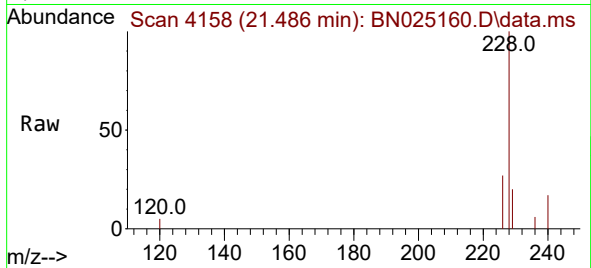




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.486 min Scan# 4158
Delta R.T. -0.010 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

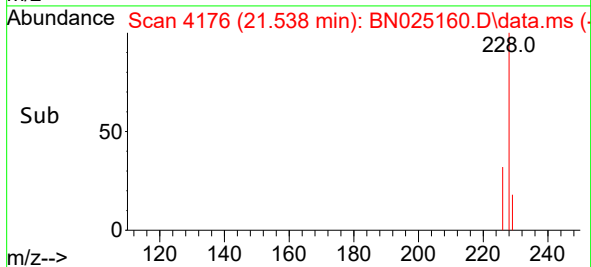
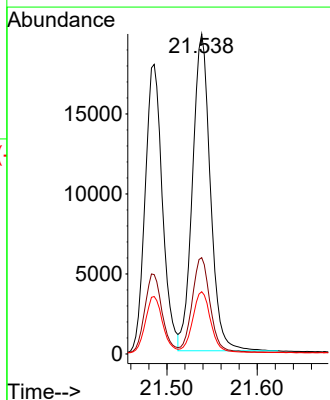
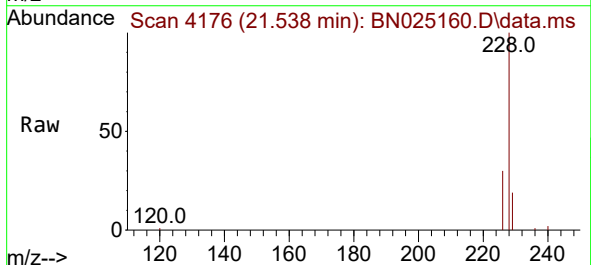
Instrument :
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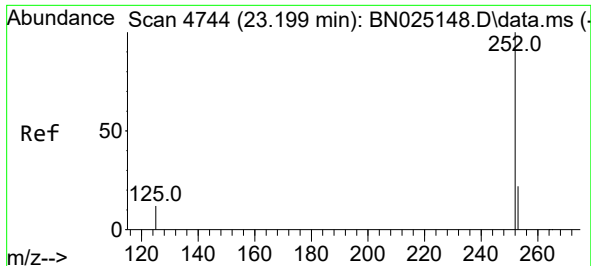
Tgt Ion:228 Resp: 24172
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.010 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

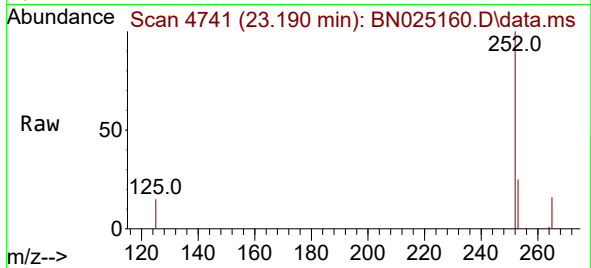
Tgt Ion:228 Resp: 27165
Ion Ratio Lower Upper
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226 30.1 24.5 36.7
229 19.4 15.8 23.6



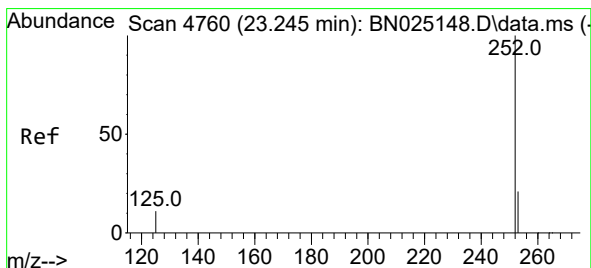
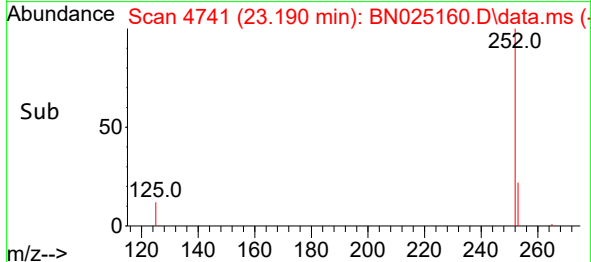
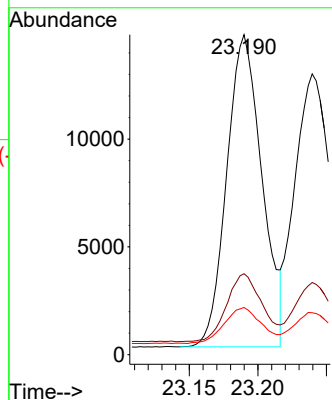


#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.190 min Scan# 4744
Delta R.T. -0.019 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Instrument :
BNA_N
ClientSampleId :
SLCS318

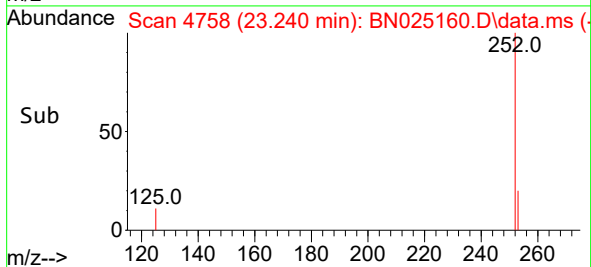
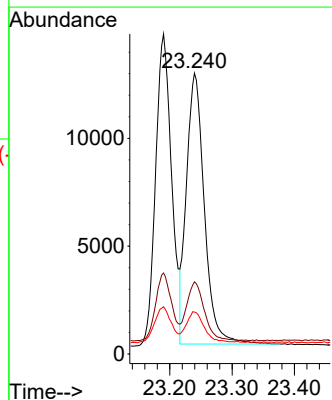
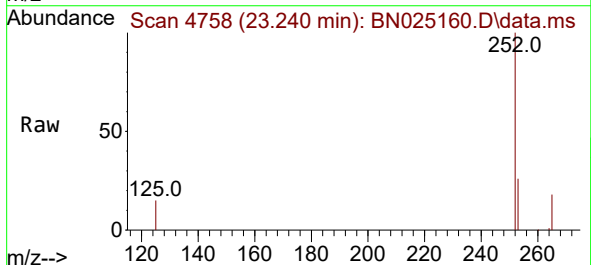


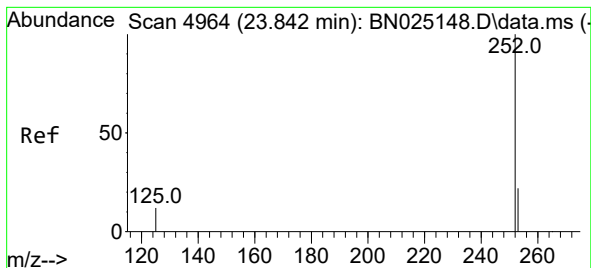
Tgt Ion:252 Resp: 25907
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.2
125 14.8 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.240 min Scan# 4758
Delta R.T. -0.016 min
Lab File: BN025160.D
Acq: 26 Apr 2023 23:27

Tgt Ion:252 Resp: 25085
Ion Ratio Lower Upper
252 100
253 25.7 20.2 30.4
125 14.9 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.830 min Scan# 4964

Delta R.T. -0.019 min

Lab File: BN025160.D

Acq: 26 Apr 2023 23:27

Instrument :

BNA_N

ClientSampleId :

SLCS318

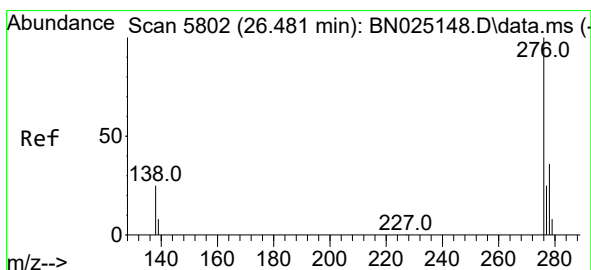
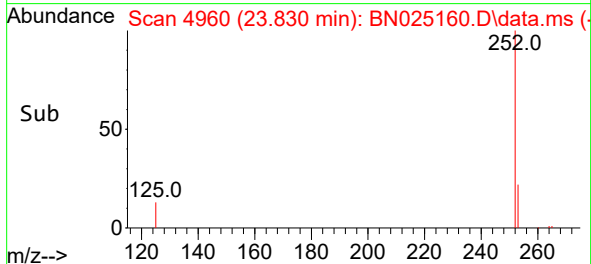
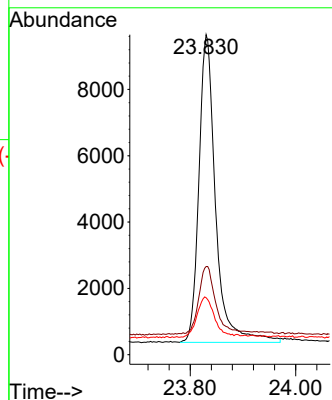
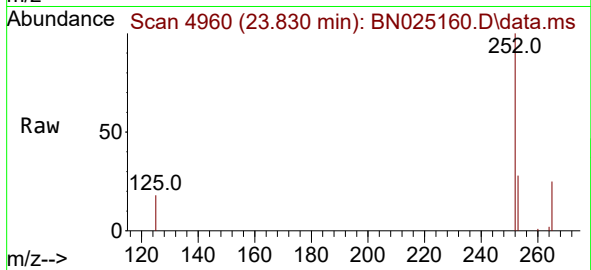
Tgt Ion:252 Resp: 20388

Ion Ratio Lower Upper

252 100

253 27.5 21.4 32.2

125 17.8 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 26.474 min Scan# 5800

Delta R.T. -0.015 min

Lab File: BN025160.D

Acq: 26 Apr 2023 23:27

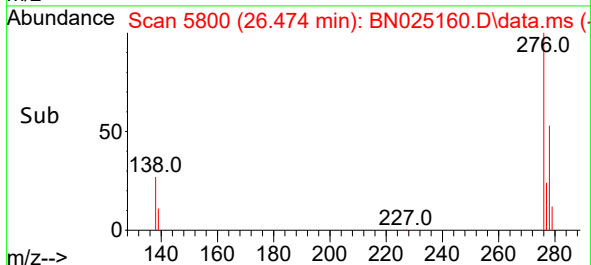
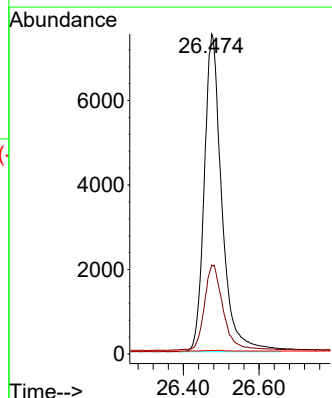
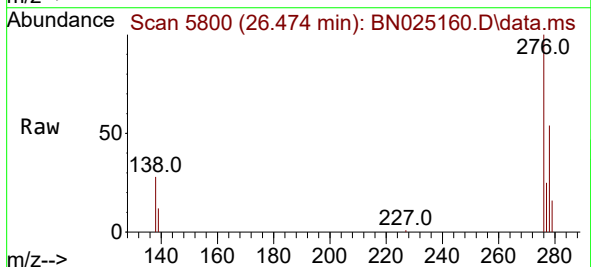
Tgt Ion:276 Resp: 24298

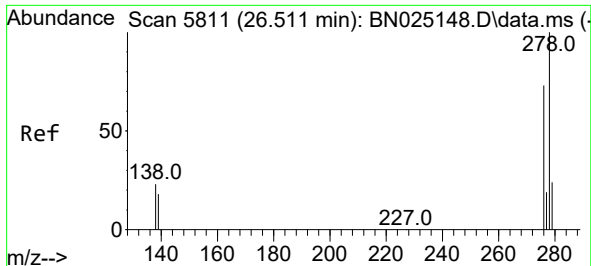
Ion Ratio Lower Upper

276 100

138 27.6 21.9 32.9

227 0.1 0.1 0.1#

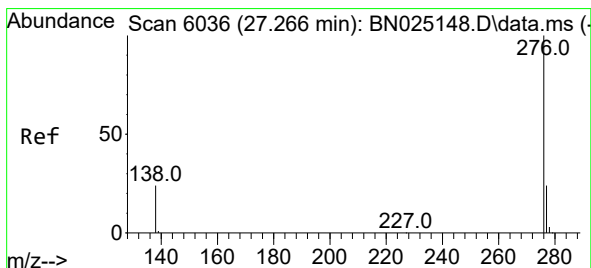
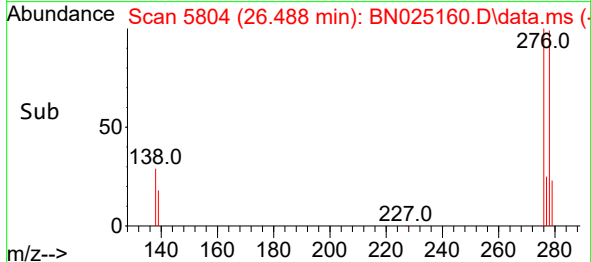
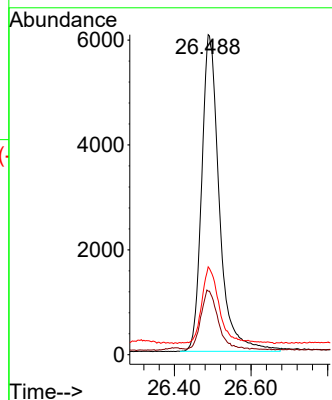
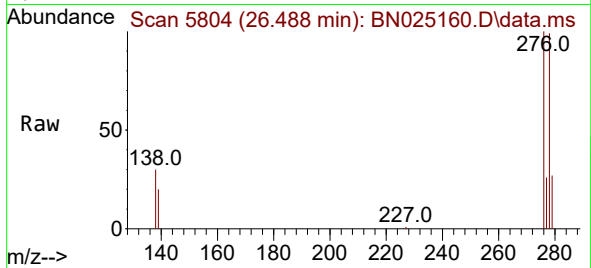




#28
 Dibenzo(a,h)anthracene
 Concen: 0.376 ng/ul
 RT: 26.488 min Scan# 5804
 Delta R.T. -0.019 min
 Lab File: BN025160.D
 Acq: 26 Apr 2023 23:27

Instrument :
 BNA_N
 ClientSampleId :
 SLCS318

Tgt Ion:278 Resp: 19371
 Ion Ratio Lower Upper
 278 100
 139 19.8 17.0 25.6
 279 27.5 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.369 ng/ul
 RT: 27.256 min Scan# 6033
 Delta R.T. -0.012 min
 Lab File: BN025160.D
 Acq: 26 Apr 2023 23:27

Tgt Ion:276 Resp: 20684
 Ion Ratio Lower Upper
 276 100
 138 25.8 20.3 30.5
 277 24.8 19.8 29.6

