

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042123\
 Data File : BN025061.D
 Acq On : 21 Apr 2023 18:14
 Operator : CG/JU
 Sample : PB152280BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS280

Quant Time: Apr 22 00:17:33 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 : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

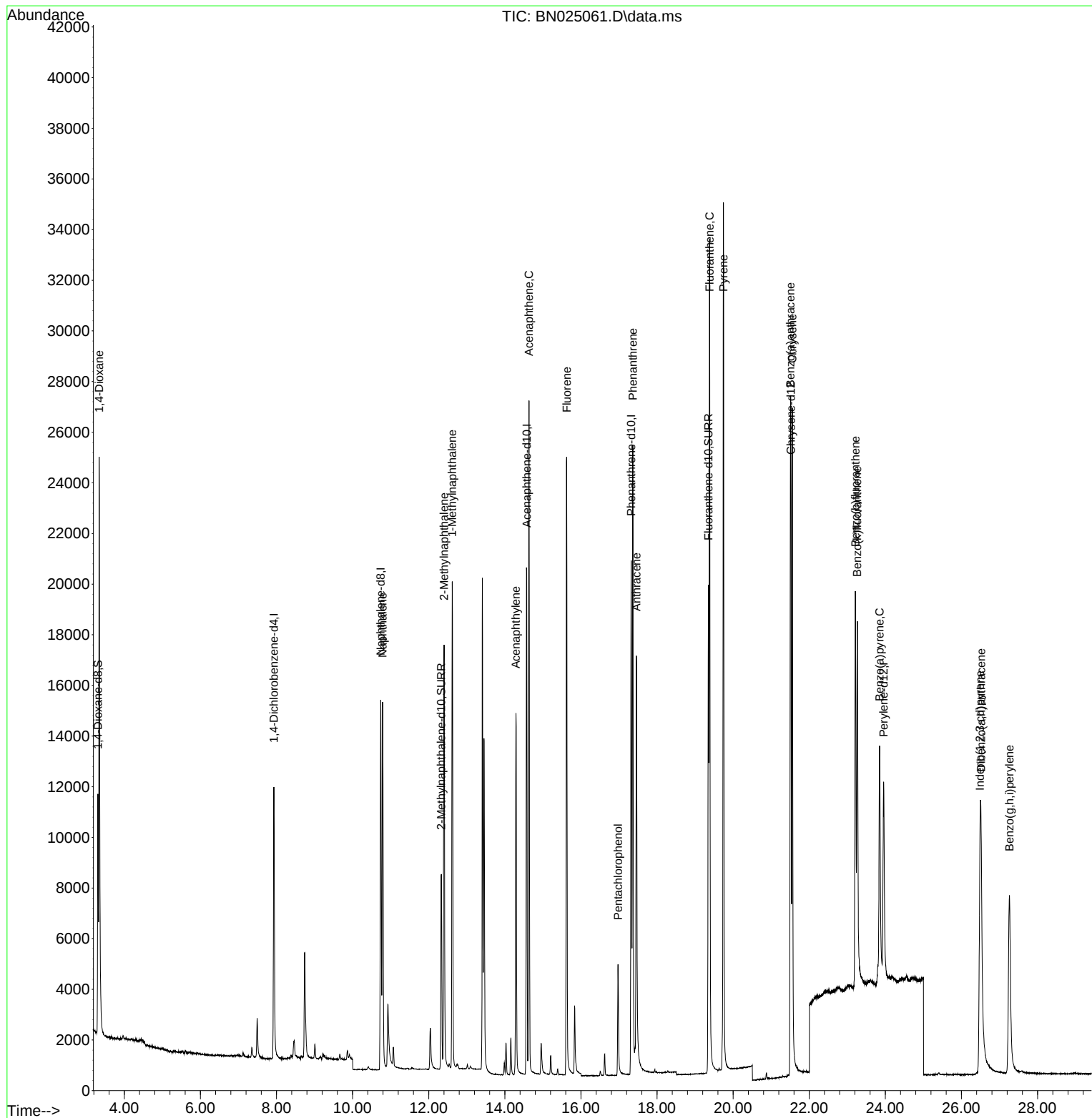
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	6372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	19951	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	11443	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	24372	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	16272	0.400	ng/ul	0.00
23) Perylene-d12	23.954	264	12736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5737	0.870	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10754	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	22539	0.525	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	14577	2.052	ng/ul	89
5) Naphthalene	10.786	128	21067	0.412	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	12811	0.409	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	13535	0.406	ng/ul	99
10) Acenaphthylene	14.292	152	17288	0.406	ng/ul	100
11) Acenaphthene	14.635	153	15037	0.418	ng/ul	99
12) Fluorene	15.625	166	16824	0.419	ng/ul	99
14) Pentachlorophenol	16.975	266	3300	0.690	ng/ul	99
15) Phenanthrene	17.363	178	27564	0.401	ng/ul	100
16) Anthracene	17.456	178	21934	0.390	ng/ul	100
19) Fluoranthene	19.381	202	29943	0.509	ng/ul	100
20) Pyrene	19.744	202	30211	0.500	ng/ul	99
21) Benzo(a)anthracene	21.505	228	20805	0.424	ng/ul	100
22) Chrysene	21.555	228	24619	0.460	ng/ul	100
24) Benzo(b)fluoranthene	23.212	252	21836	0.423	ng/ul	98
25) Benzo(k)fluoranthene	23.262	252	21855	0.440	ng/ul	98
26) Benzo(a)pyrene	23.849	252	17401	0.407	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.486	276	20696	0.420	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.513	278	15730	0.409	ng/ul	98
29) Benzo(g,h,i)perylene	27.261	276	19087	0.456	ng/ul	99

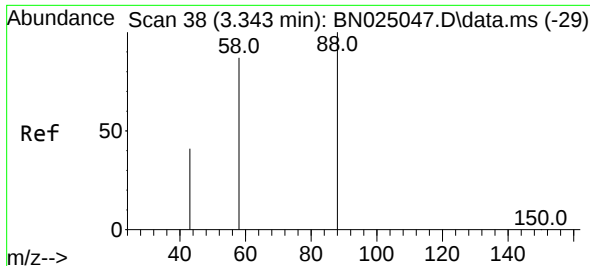
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.052 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN025061.D

Acq: 21 Apr 2023 18:14

Instrument :

BNA_N

ClientSampleId :

SLCS280

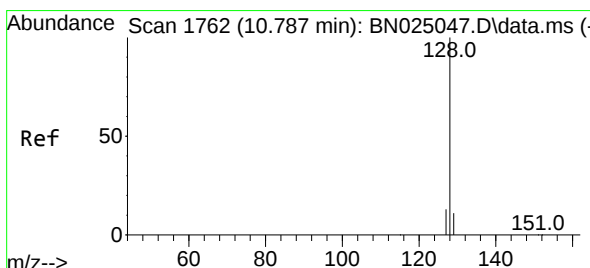
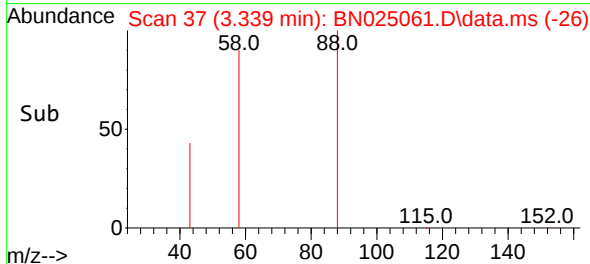
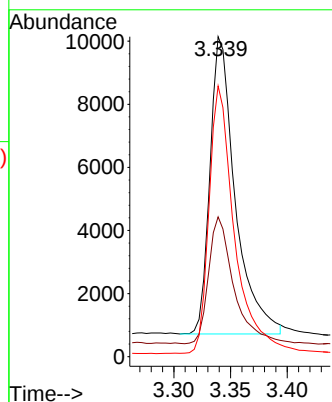
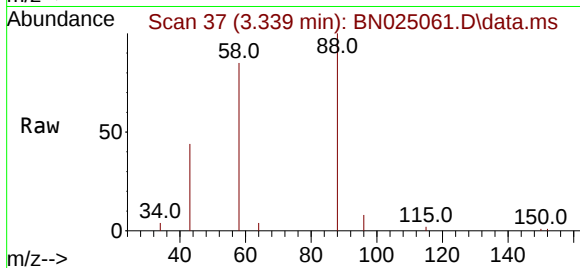
Tgt Ion: 88 Resp: 14577

Ion Ratio Lower Upper

88 100

43 43.7 37.0 55.4

58 84.6 56.9 85.3



#5

Naphthalene

Concen: 0.412 ng/ul

RT: 10.786 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BN025061.D

Acq: 21 Apr 2023 18:14

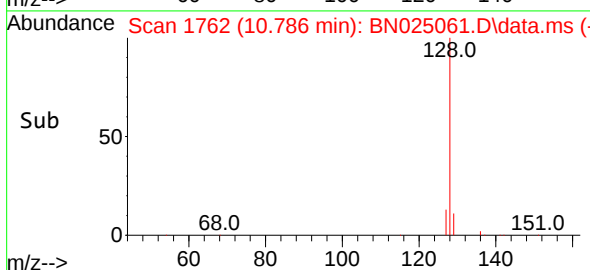
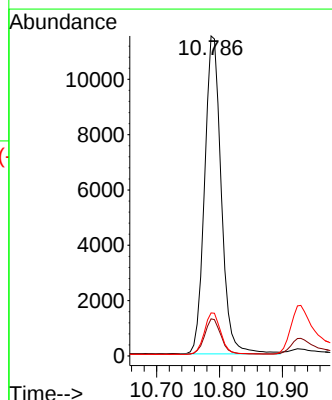
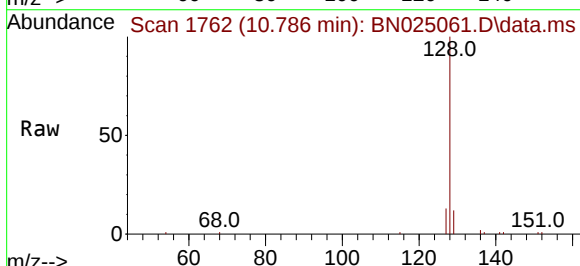
Tgt Ion: 128 Resp: 21067

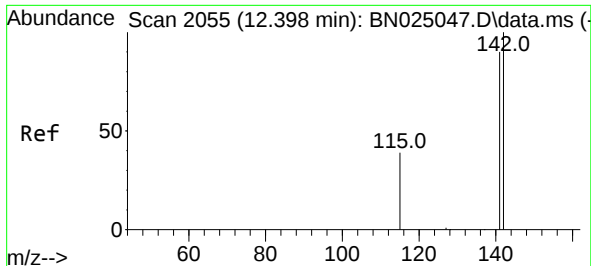
Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.5 10.7 16.1

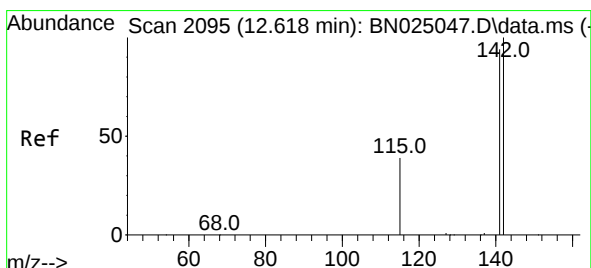
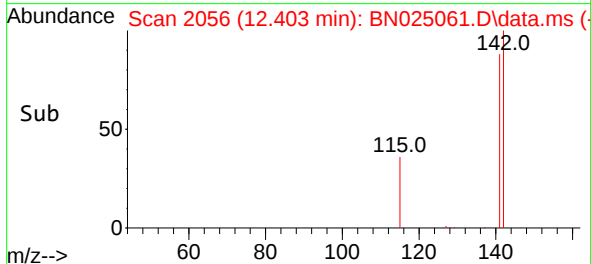
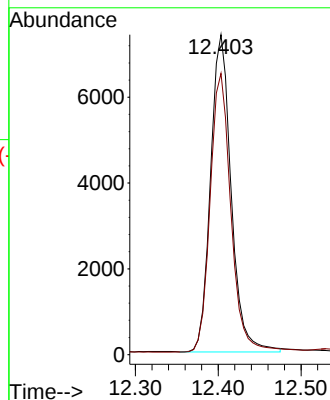
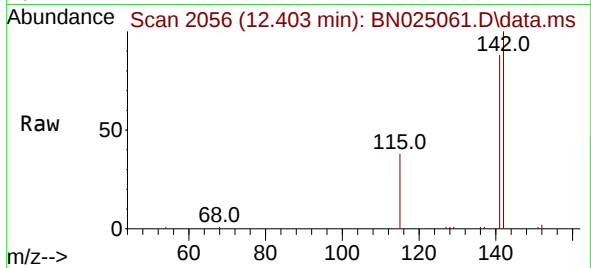




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

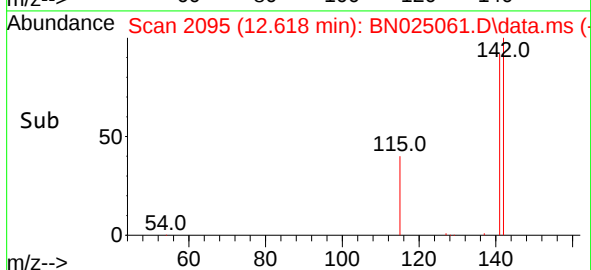
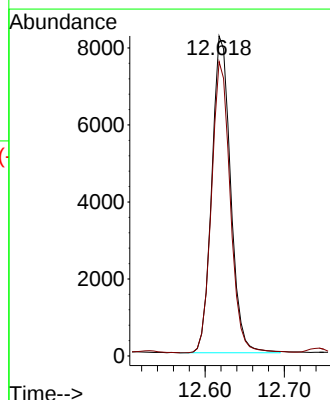
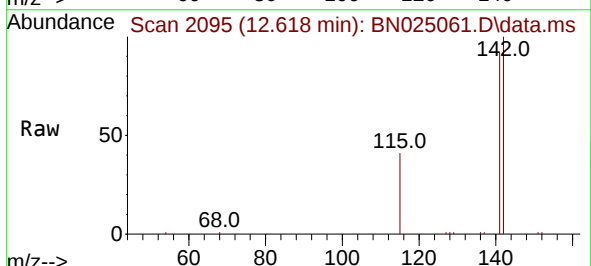
Instrument :
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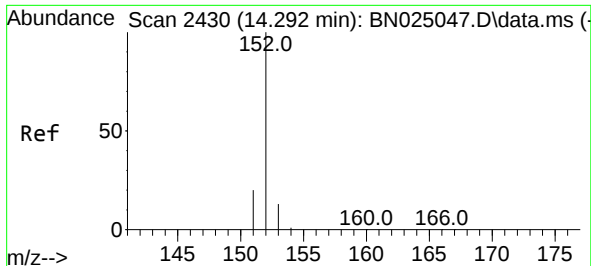
Tgt Ion:142 Resp: 12811
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:142 Resp: 13535
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6

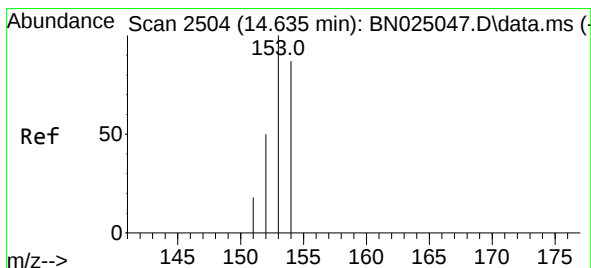
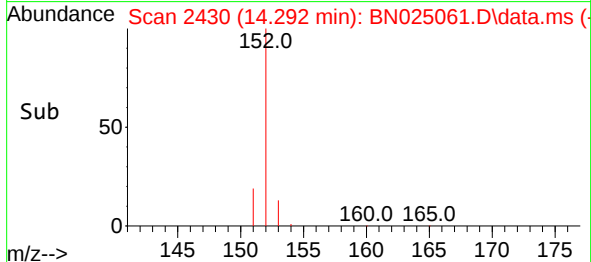
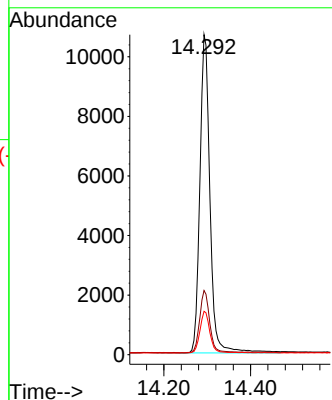
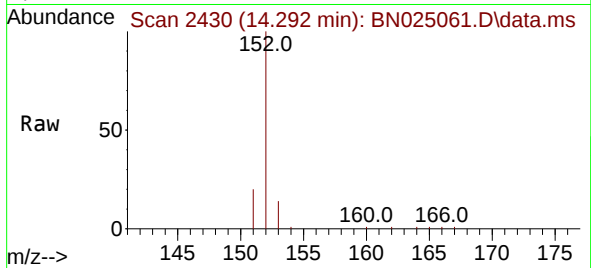




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

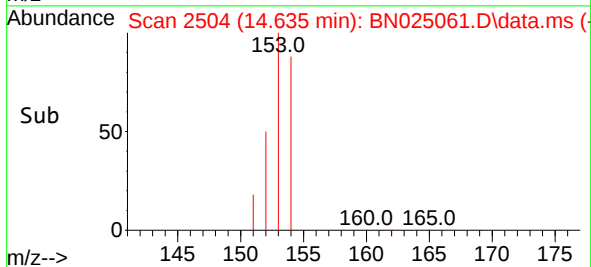
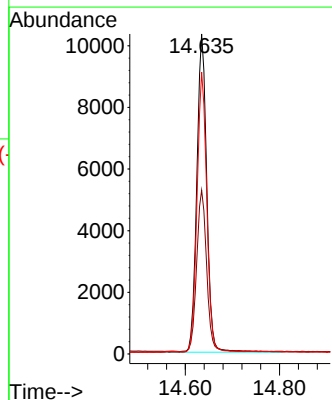
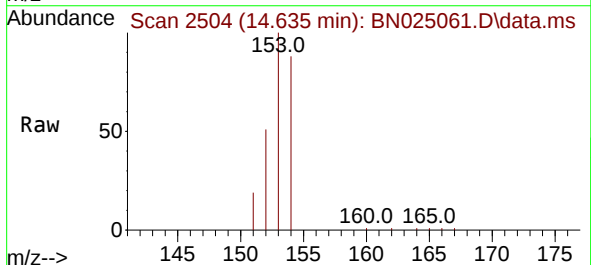
Instrument :
BNA_N
ClientSampleId :
SLCS280

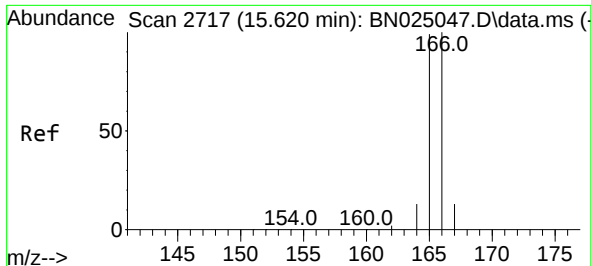
Tgt Ion:152 Resp: 17288
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:153 Resp: 15037
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 88.1 69.4 104.2

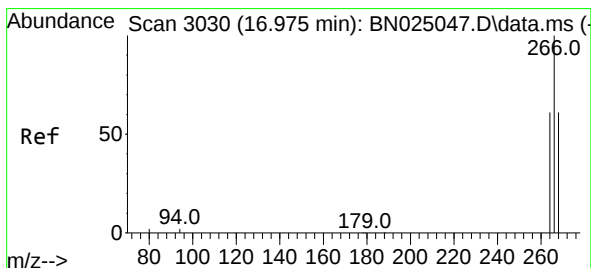
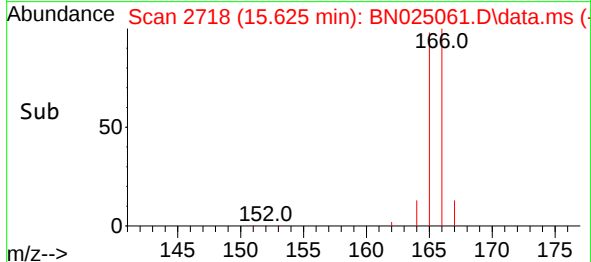
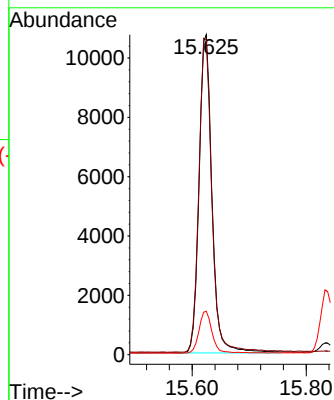
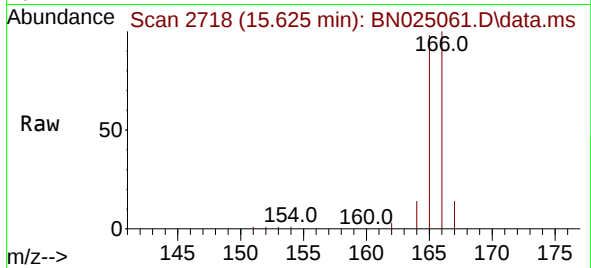




#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

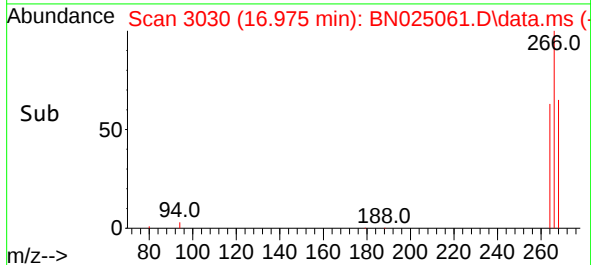
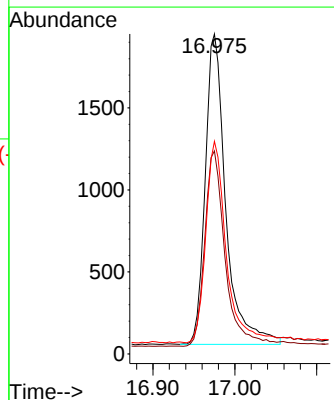
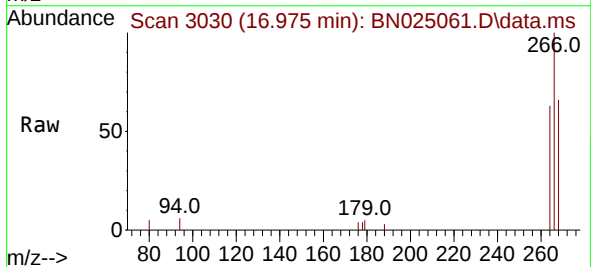
Instrument :
BNA_N
ClientSampleId :
SLCS280

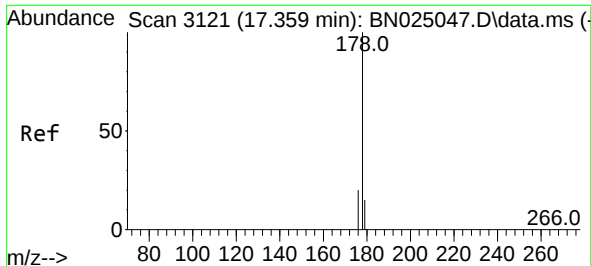
Tgt Ion:166 Resp: 16824
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.690 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:266 Resp: 3300
Ion Ratio Lower Upper
266 100
264 63.1 49.6 74.4
268 65.1 51.3 76.9

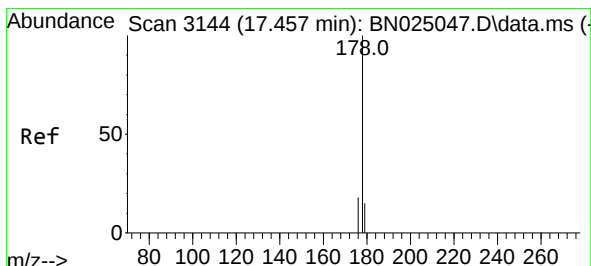
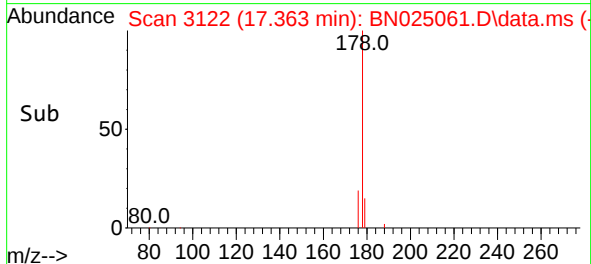
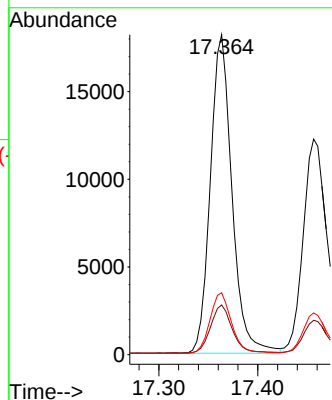
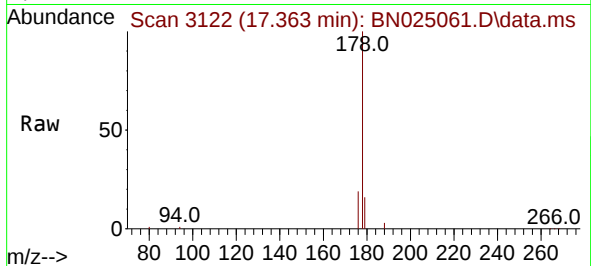




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

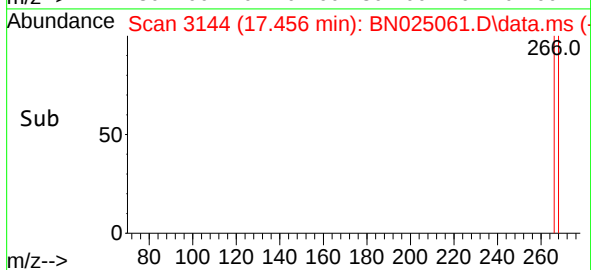
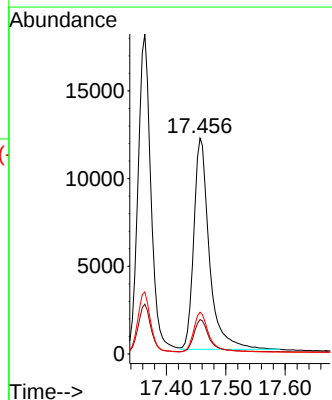
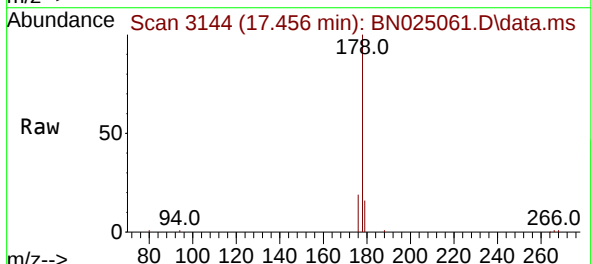
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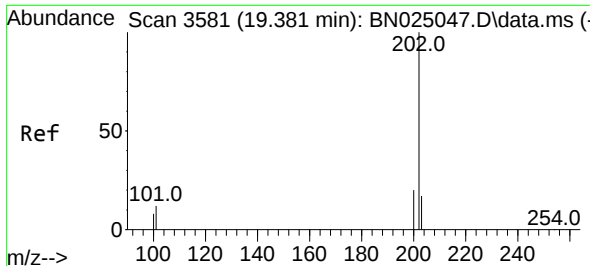
Tgt Ion:178 Resp: 27564
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:178 Resp: 21934
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.4 15.3 22.9

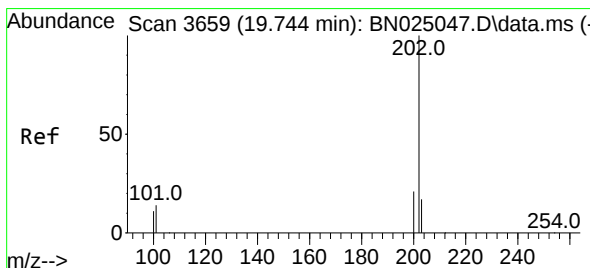
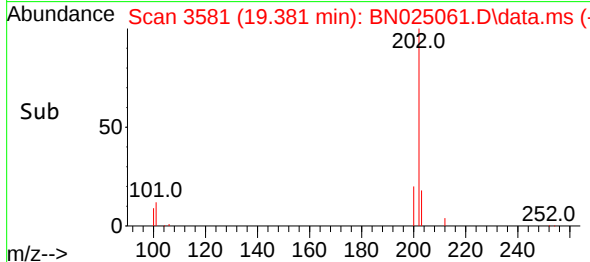
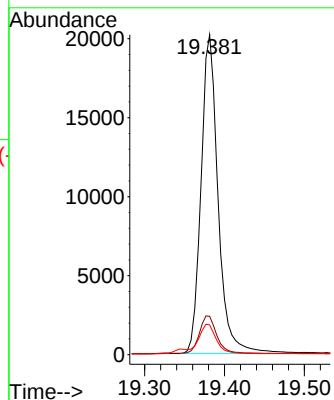
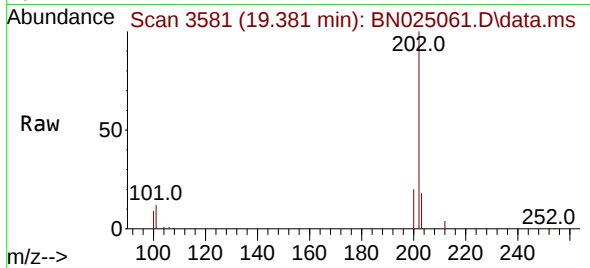




#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

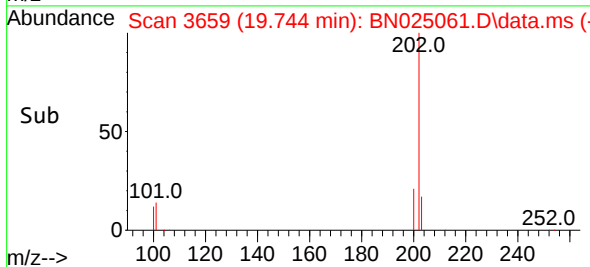
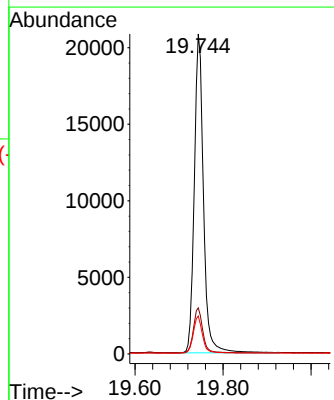
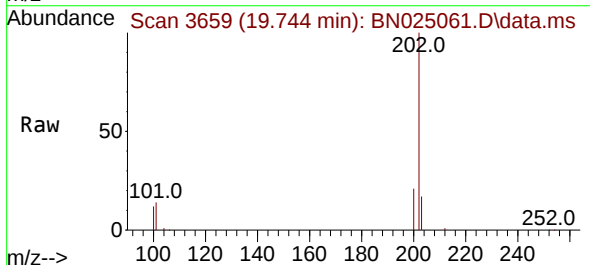
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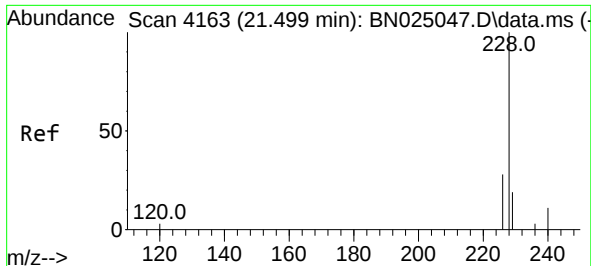
Tgt Ion:202 Resp: 29943
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.500 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:202 Resp: 30211
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 11.9 9.2 13.8

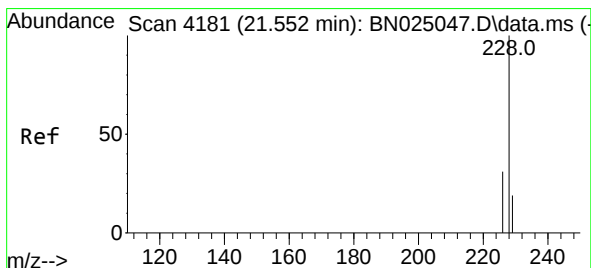
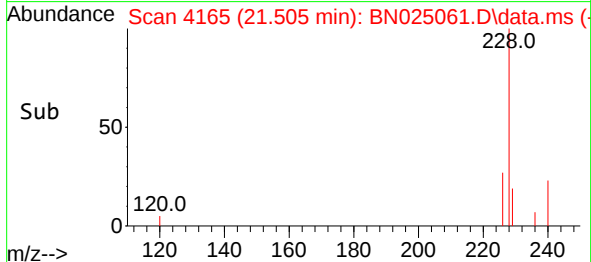
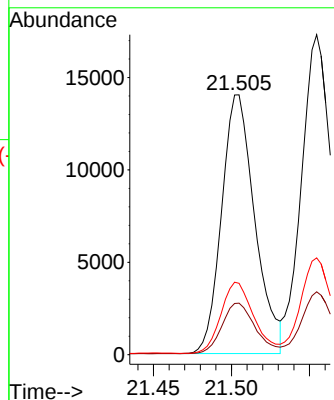
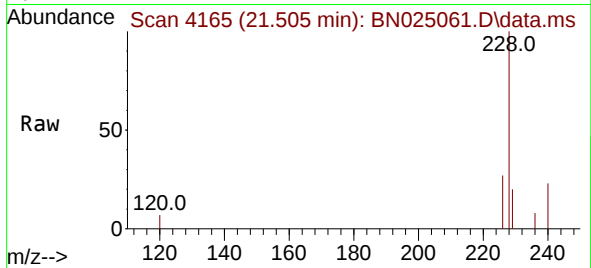




#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.005 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

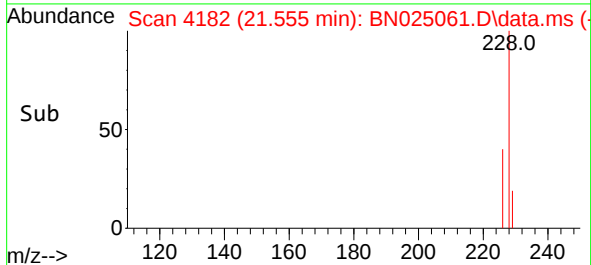
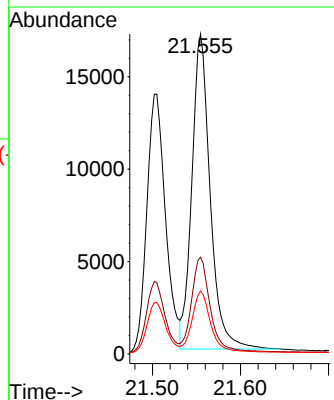
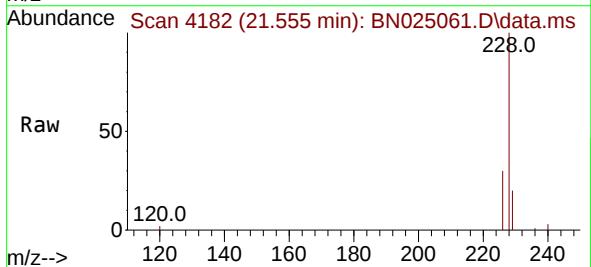
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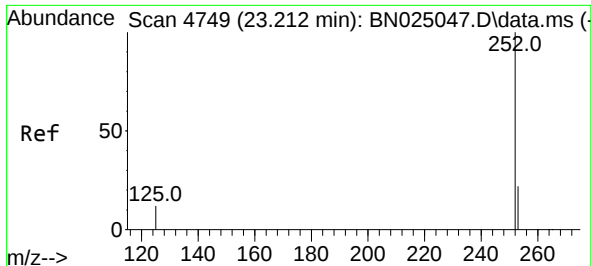
Tgt Ion:228 Resp: 20805
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.555 min Scan# 4182
Delta R.T. 0.002 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

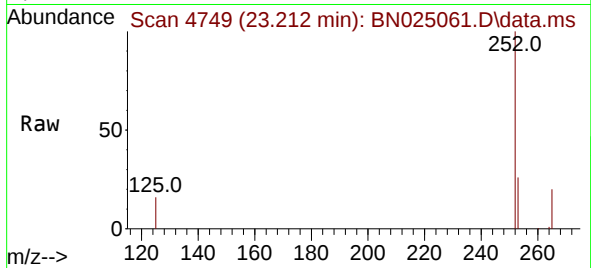
Tgt Ion:228 Resp: 24619
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.6 15.8 23.6



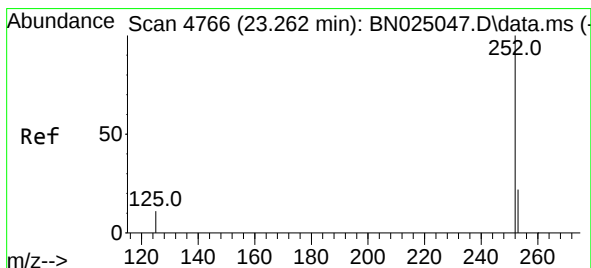
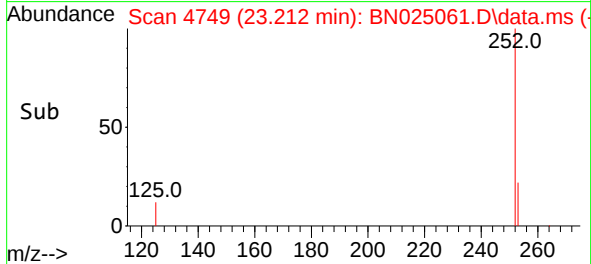
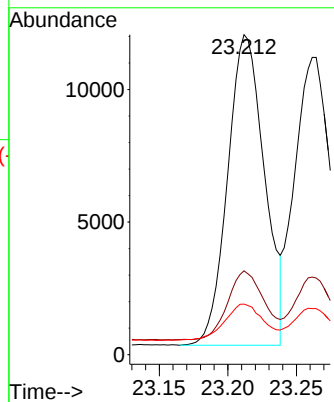


#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.212 min Scan# 4749
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Instrument :
BNA_N
ClientSampleId :
SLCS280

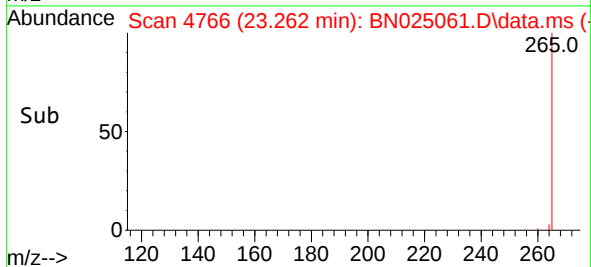
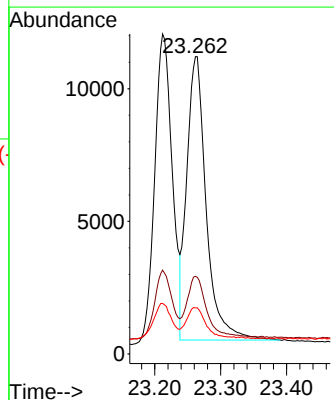
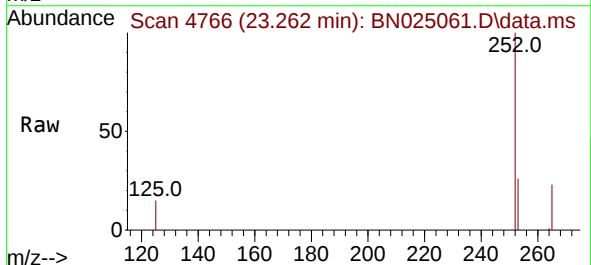


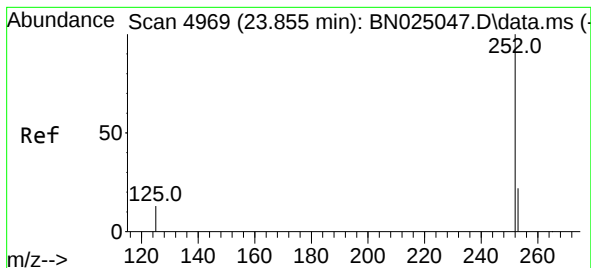
Tgt Ion:252 Resp: 21836
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.2
125 15.8 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.001 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:252 Resp: 21855
Ion Ratio Lower Upper
252 100
253 26.1 20.2 30.4
125 15.5 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.849 min Scan# 4967

Delta R.T. -0.007 min

Lab File: BN025061.D

Acq: 21 Apr 2023 18:14

Instrument :

BNA_N

ClientSampleId :

SLCS280

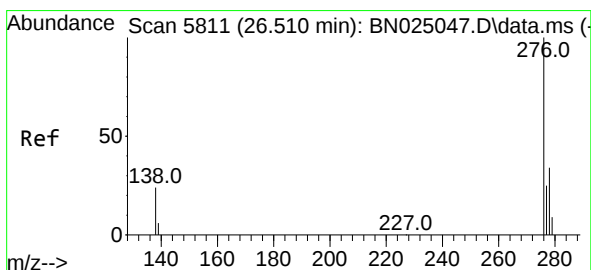
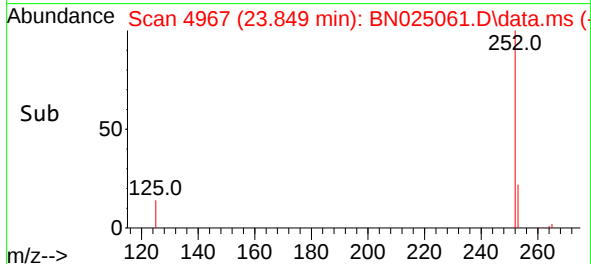
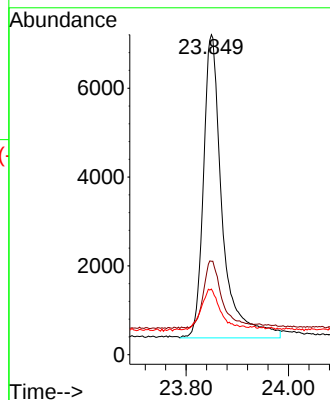
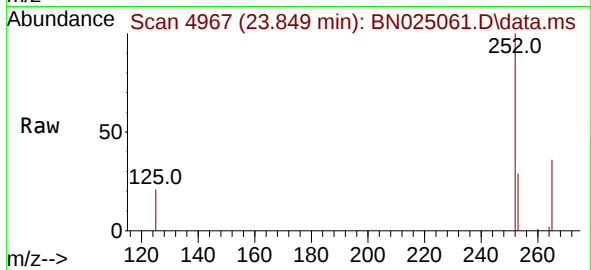
Tgt Ion:252 Resp: 17401

Ion Ratio Lower Upper

252 100

253 29.2 21.4 32.2

125 20.5 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng/ul

RT: 26.486 min Scan# 5804

Delta R.T. -0.024 min

Lab File: BN025061.D

Acq: 21 Apr 2023 18:14

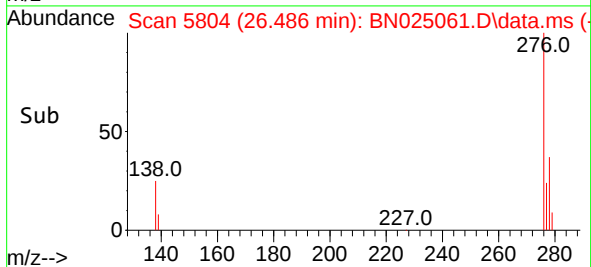
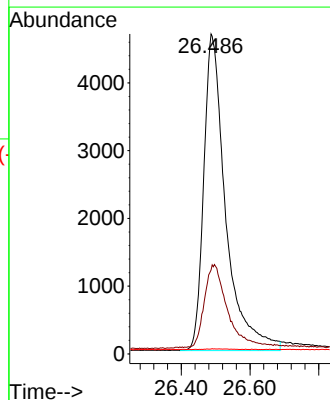
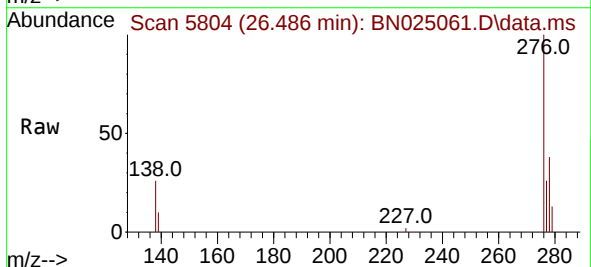
Tgt Ion:276 Resp: 20696

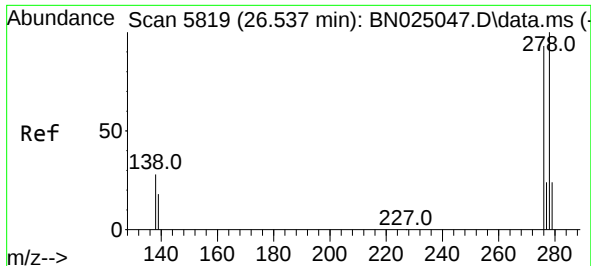
Ion Ratio Lower Upper

276 100

138 27.4 21.9 32.9

227 0.2 0.1 0.1#

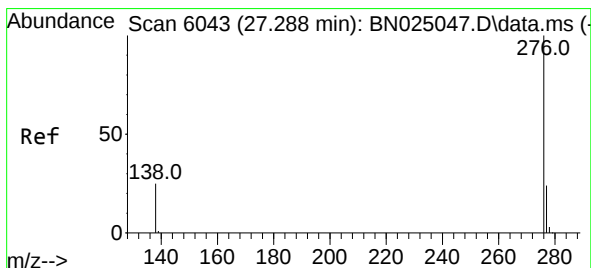
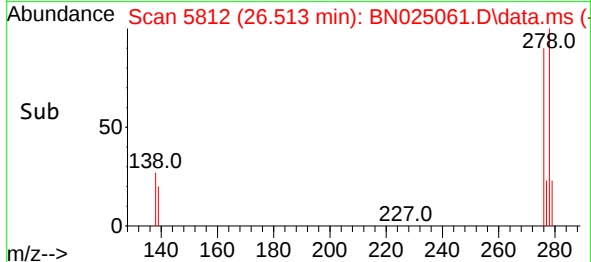
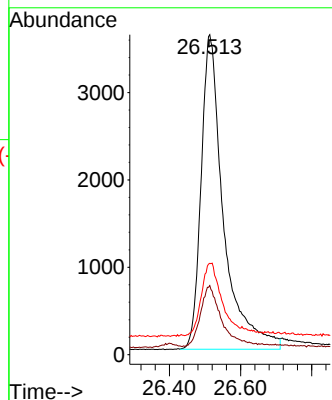
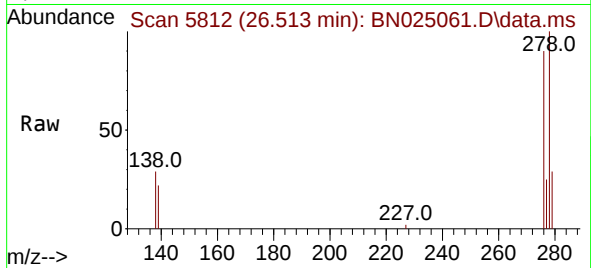




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.513 min Scan# 5812
Delta R.T. -0.024 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:278 Resp: 15730
Ion Ratio Lower Upper
278 100
139 21.6 17.0 25.6
279 28.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.261 min Scan# 6035
Delta R.T. -0.031 min
Lab File: BN025061.D
Acq: 21 Apr 2023 18:14

Tgt Ion:276 Resp: 19087
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 25.2 19.8 29.6

