

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
 Data File : BN025269.D
 Acq On : 04 May 2023 17:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4294

Quant Time: May 05 04:47:33 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

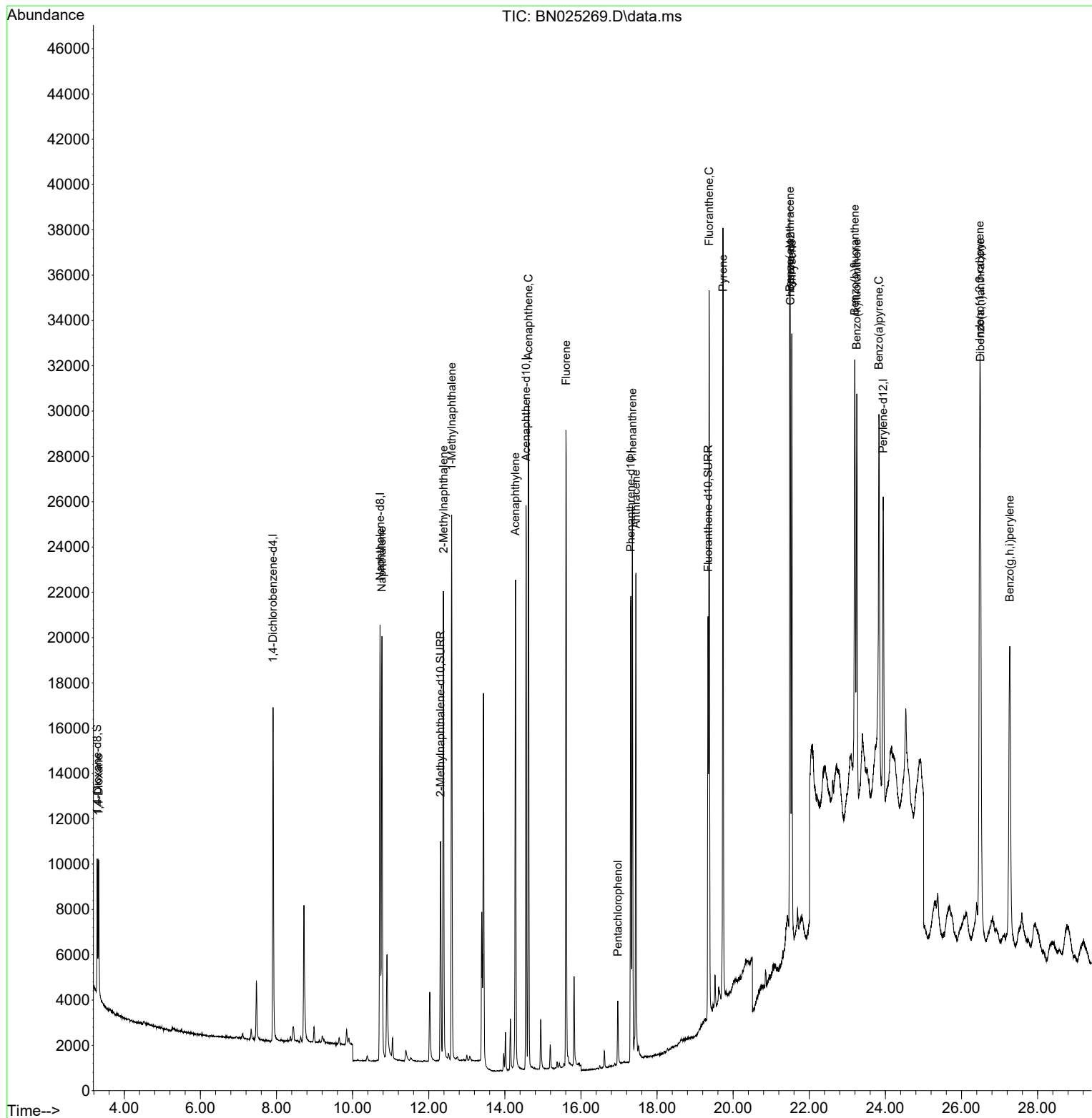
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	8047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	26156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	13695	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	24134	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	17383	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	19148	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3328	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	13195	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	19703	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	3574	0.398	ng/ul#	62
5) Naphthalene	10.770	128	25692	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	15905	0.387	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	16666	0.381	ng/ul	99
10) Acenaphthylene	14.280	152	25985	0.509	ng/ul	100
11) Acenaphthene	14.622	153	17004	0.395	ng/ul	97
12) Fluorene	15.607	166	18081	0.376	ng/ul	98
14) Pentachlorophenol	16.968	266	2184	0.461	ng/ul	100
15) Phenanthrene	17.352	178	26012	0.382	ng/ul	99
16) Anthracene	17.445	178	25135	0.451	ng/ul	99
19) Fluoranthene	19.369	202	27676	0.440	ng/ul	97
20) Pyrene	19.731	202	28227	0.437	ng/ul	97
21) Benzo(a)anthracene	21.489	228	23926	0.457	ng/ul#	89
22) Chrysene	21.541	228	23547	0.412	ng/ul#	90
24) Benzo(b)fluoranthene	23.196	252	26164	0.337	ng/ul#	75
25) Benzo(k)fluoranthene	23.248	252	25395	0.340	ng/ul#	78
26) Benzo(a)pyrene	23.830	252	23509	0.366	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.481	276	31954	0.431	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.498	278	24791	0.429	ng/ul#	81
29) Benzo(g,h,i)perylene	27.269	276	27561	0.438	ng/ul#	87

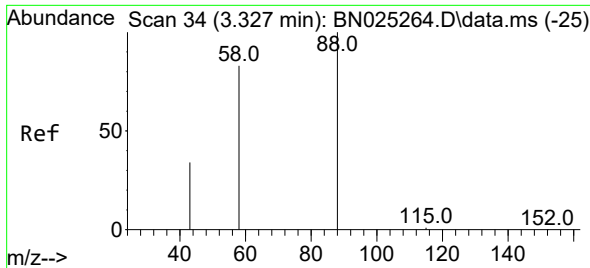
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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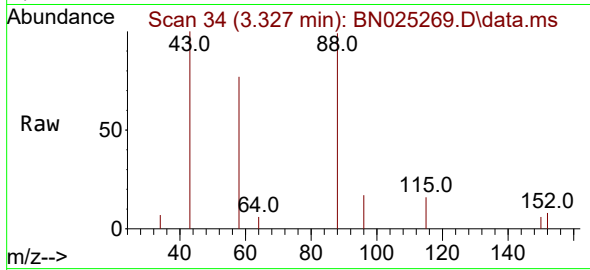
Quant Time: May 05 04:47:33 2023
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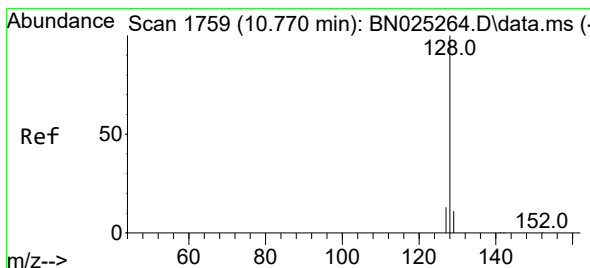
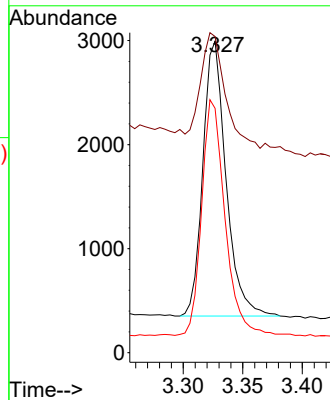
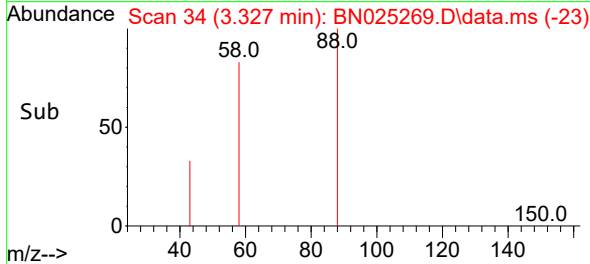


#2
1,4-Dioxane
Concen: 0.398 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

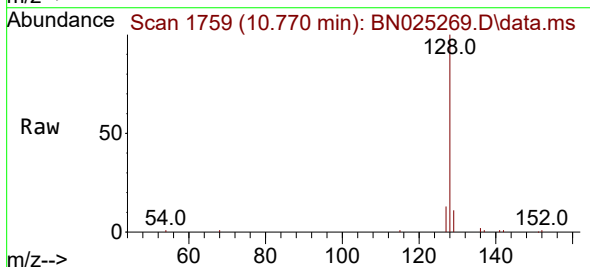
Instrument :
BNA_N
ClientSampleId :
SSTD0.4294



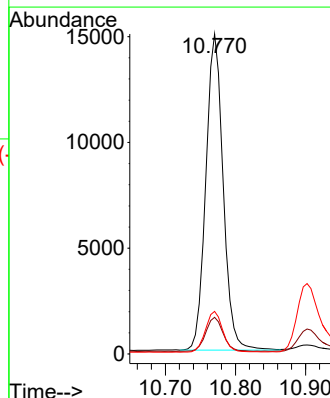
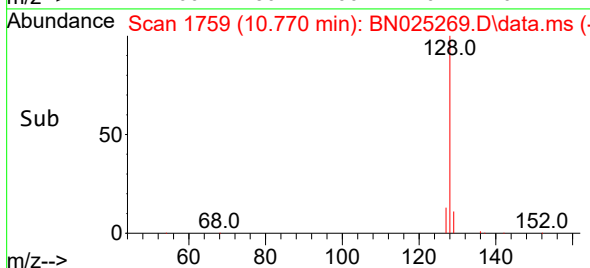
Tgt Ion: 88 Resp: 3574
Ion Ratio Lower Upper
88 100
43 101.5 37.0 55.4#
58 78.4 56.9 85.3

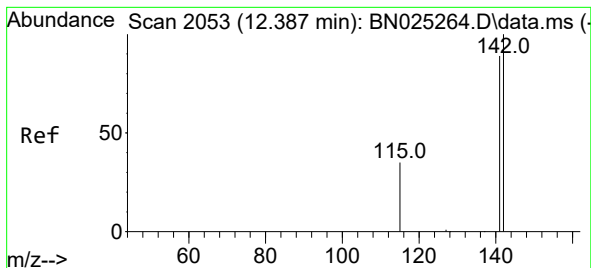


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48



Tgt Ion: 128 Resp: 25692
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.7 16.1

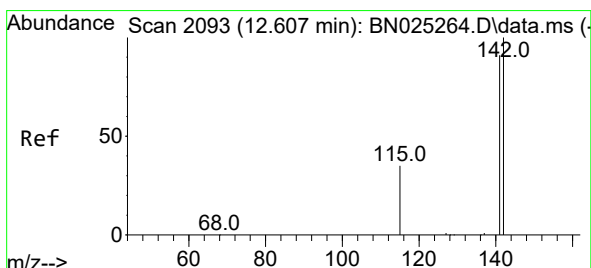
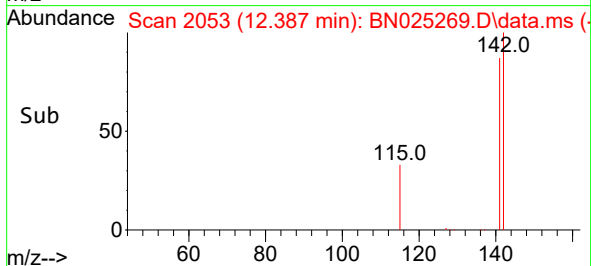
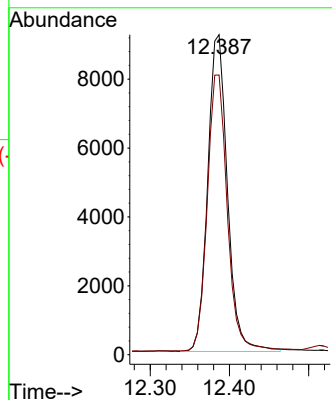
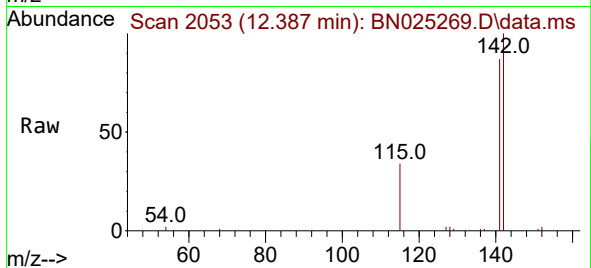




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

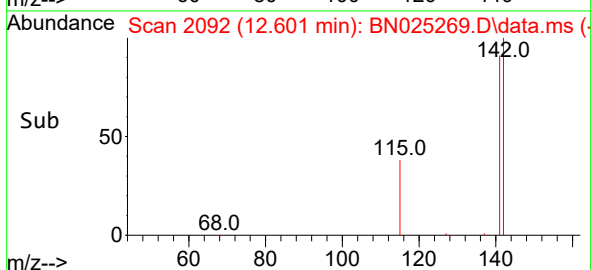
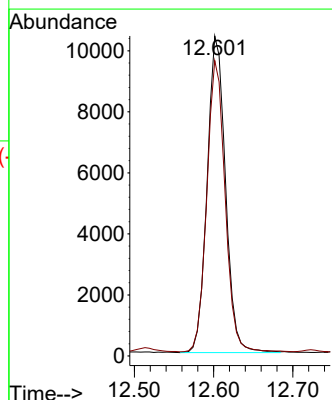
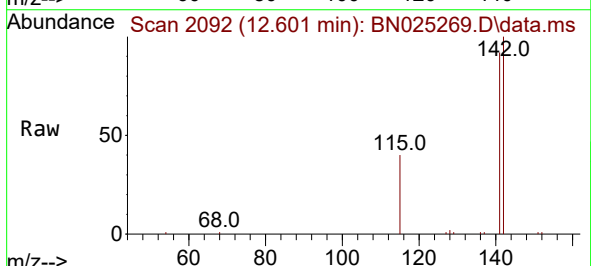
Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

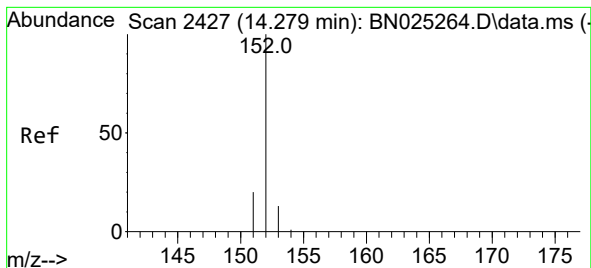
Tgt Ion:142 Resp: 15905
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Tgt Ion:142 Resp: 16666
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6





#10

Acenaphthylene

Concen: 0.509 ng/ul

RT: 14.280 min Scan# 2427

Delta R.T. 0.002 min

Lab File: BN025269.D

Acq: 04 May 2023 17:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.4294

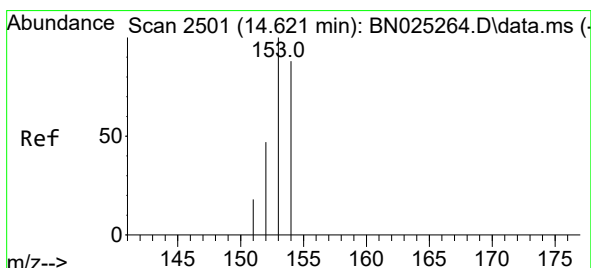
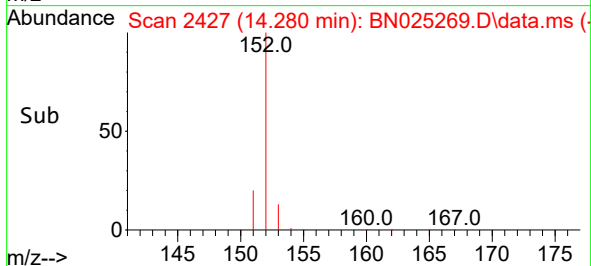
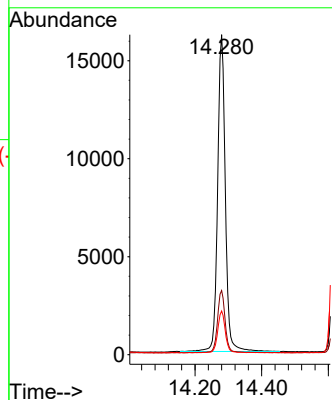
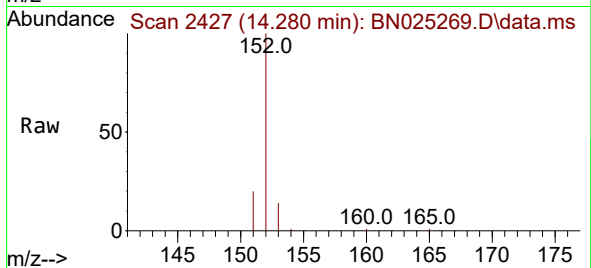
Tgt Ion:152 Resp: 25985

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.395 ng/ul

RT: 14.622 min Scan# 2501

Delta R.T. 0.002 min

Lab File: BN025269.D

Acq: 04 May 2023 17:48

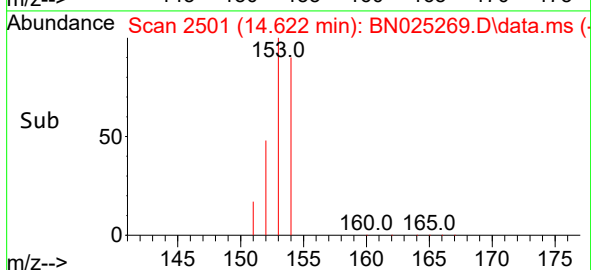
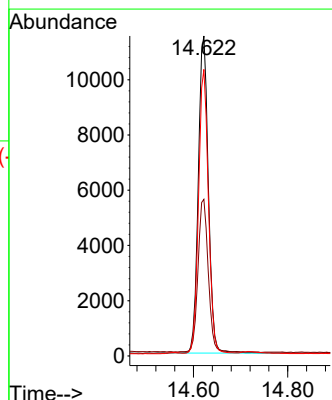
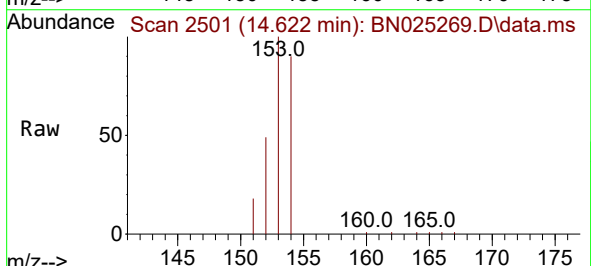
Tgt Ion:153 Resp: 17004

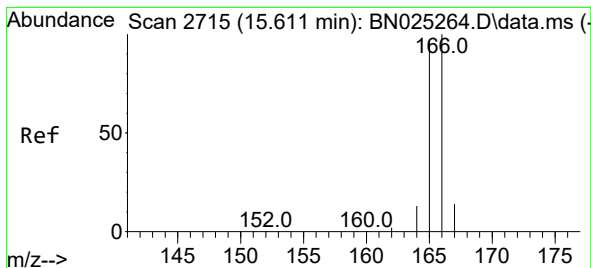
Ion Ratio Lower Upper

153 100

152 48.9 40.2 60.4

154 89.5 69.4 104.2





#12

Fluorene

Concen: 0.376 ng/ul

RT: 15.607 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN025269.D

Acq: 04 May 2023 17:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.4294

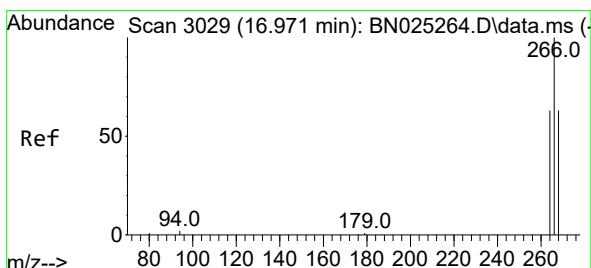
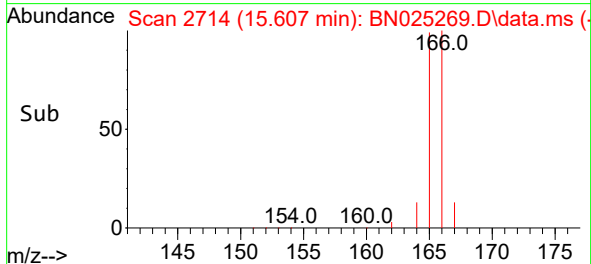
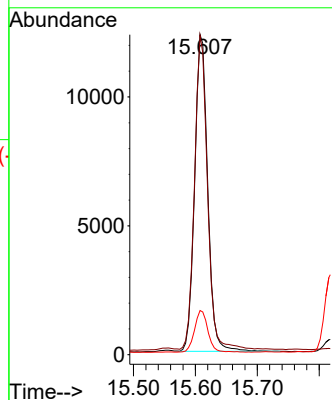
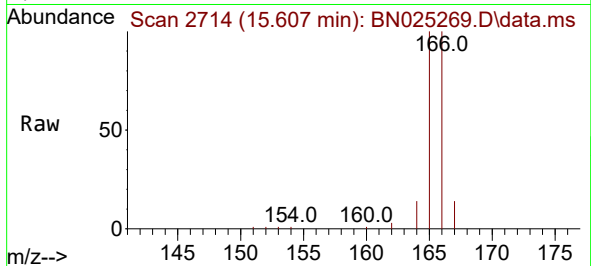
Tgt Ion:166 Resp: 18081

Ion Ratio Lower Upper

166 100

165 99.8 78.1 117.1

167 13.8 11.0 16.6



#14

Pentachlorophenol

Concen: 0.461 ng/ul

RT: 16.968 min Scan# 3028

Delta R.T. 0.002 min

Lab File: BN025269.D

Acq: 04 May 2023 17:48

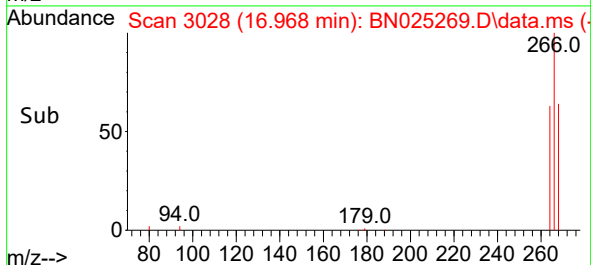
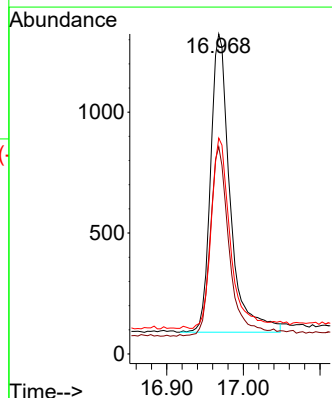
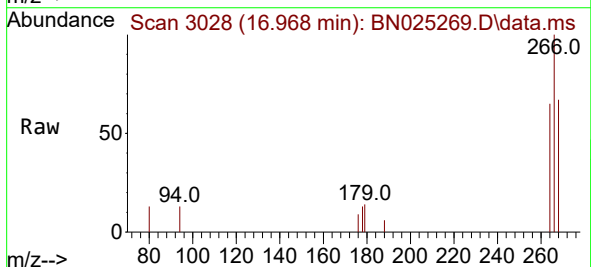
Tgt Ion:266 Resp: 2184

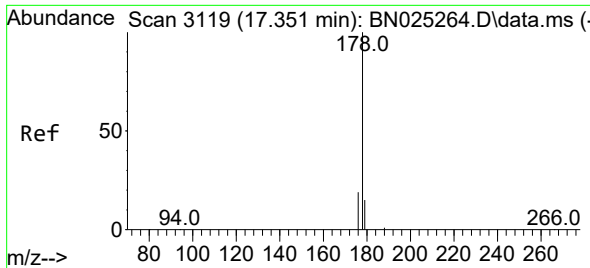
Ion Ratio Lower Upper

266 100

264 62.1 49.6 74.4

268 63.5 51.3 76.9

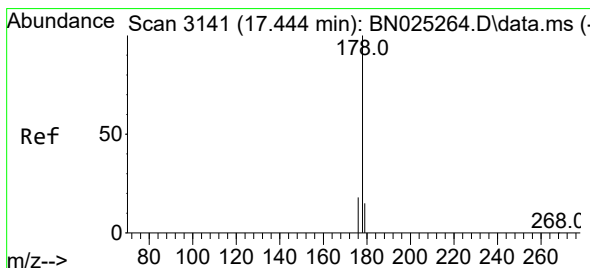
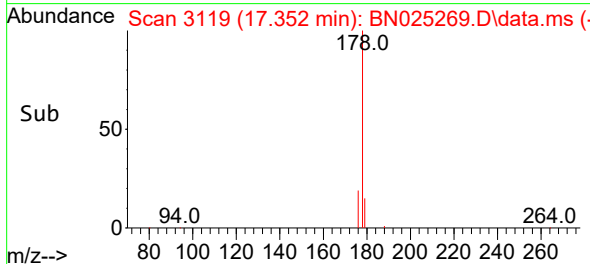
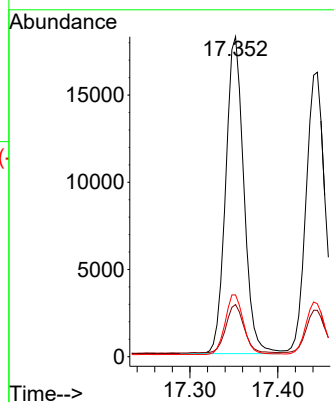
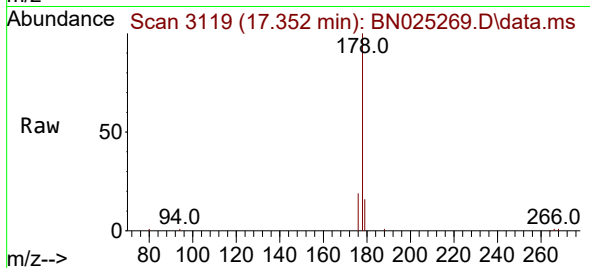




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

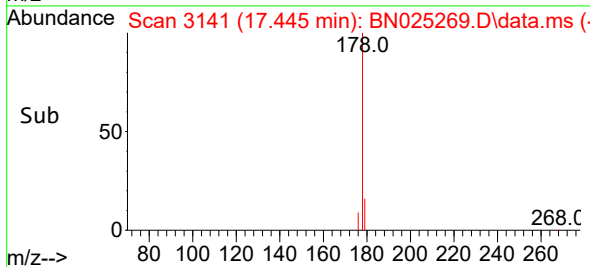
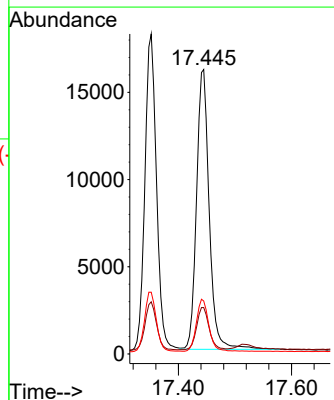
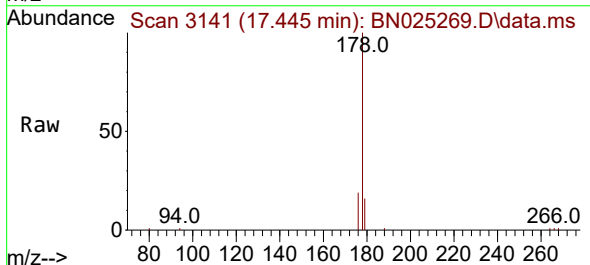
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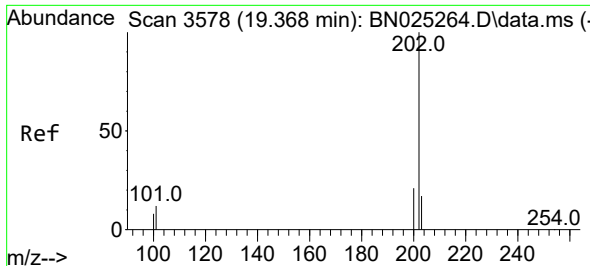
Tgt Ion:178 Resp: 26012
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.451 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Tgt Ion:178 Resp: 25135
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 18.6 15.3 22.9

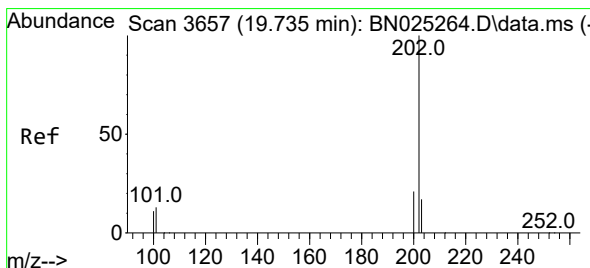
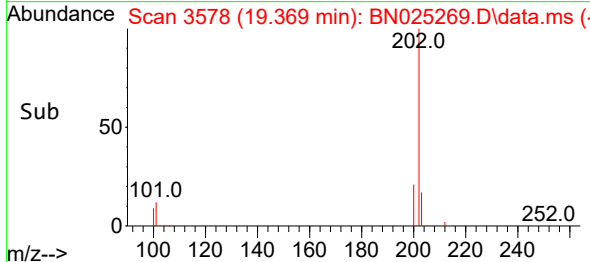
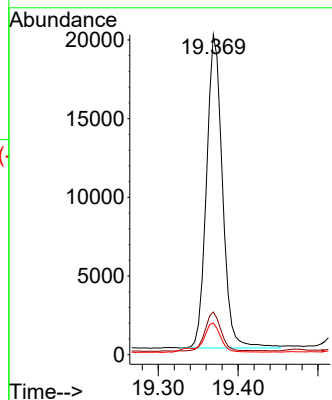
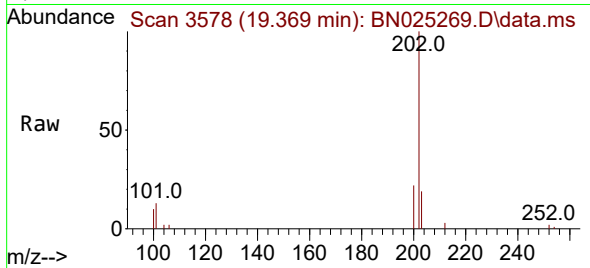




#19
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. -0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

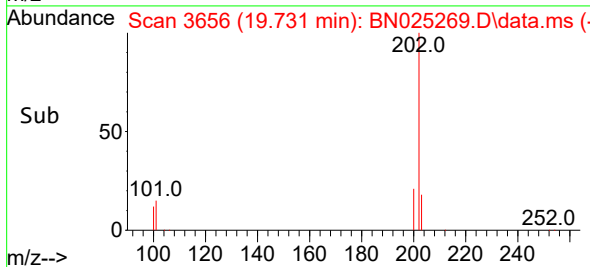
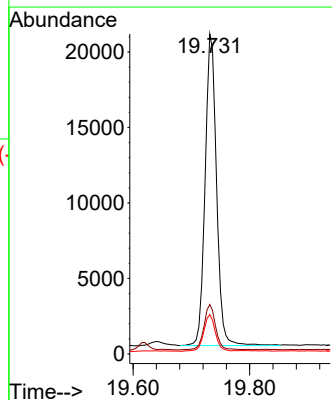
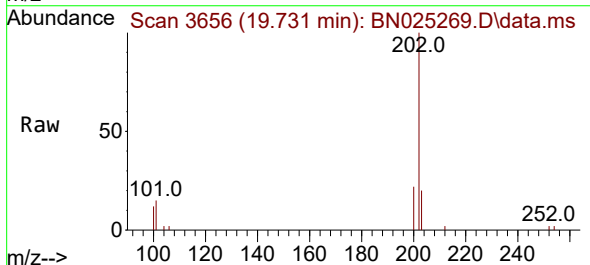
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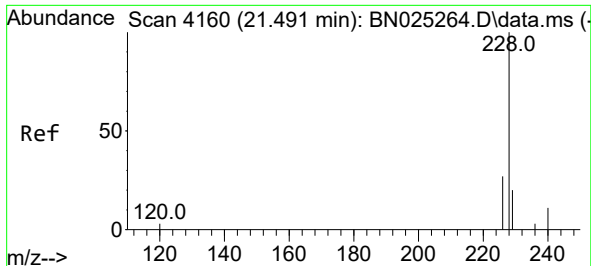
Tgt Ion:202 Resp: 27676
Ion Ratio Lower Upper
202 100
101 13.4 9.7 14.5
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Tgt Ion:202 Resp: 28227
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 12.3 9.2 13.8

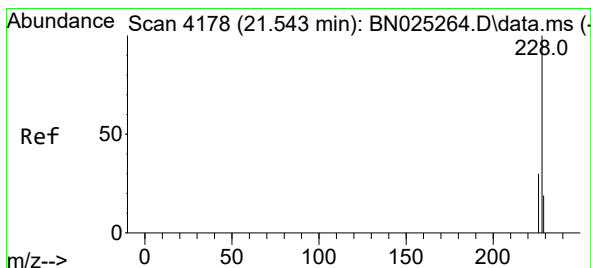
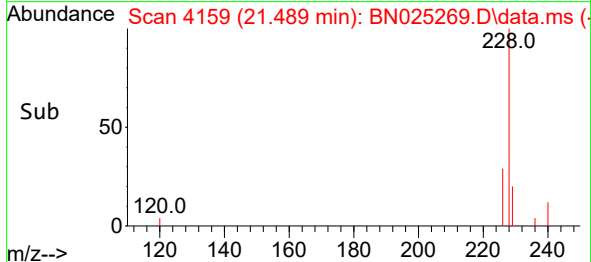
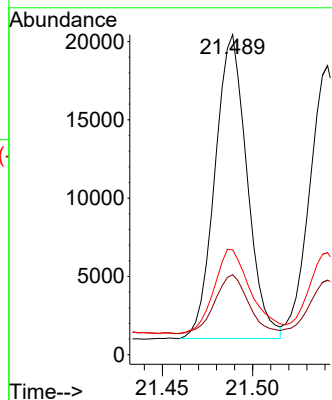
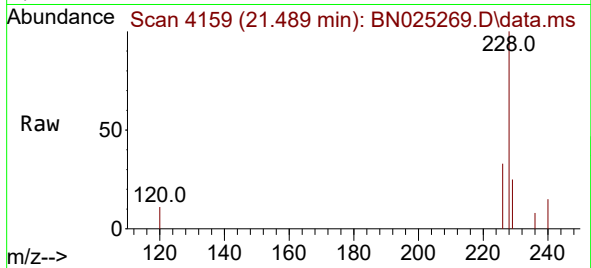




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.489 min Scan# 4159
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

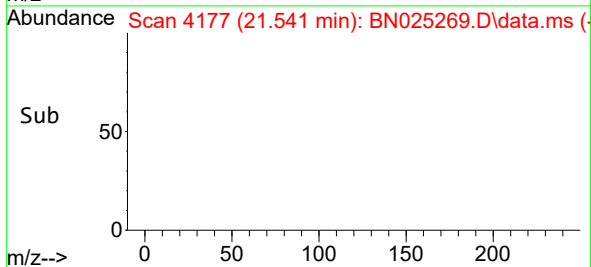
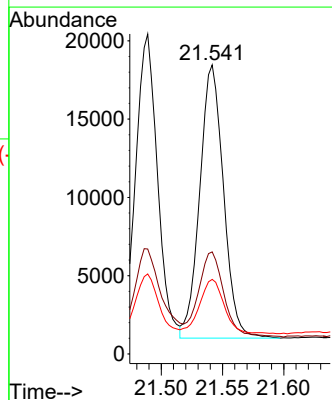
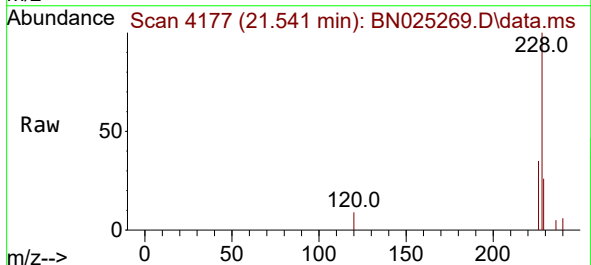
Instrument :
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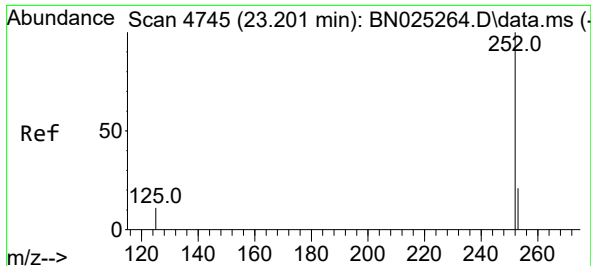
Tgt Ion:228 Resp: 23926
Ion Ratio Lower Upper
228 100
229 25.0 15.6 23.4#
226 32.8 22.1 33.1



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

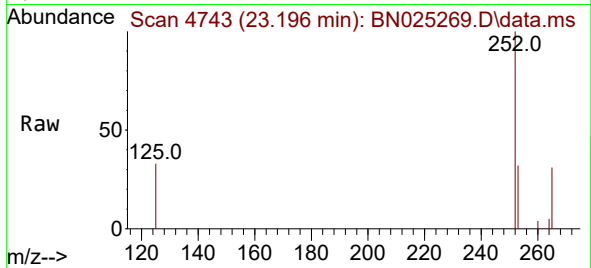
Tgt Ion:228 Resp: 23547
Ion Ratio Lower Upper
228 100
226 35.3 24.5 36.7
229 25.8 15.8 23.6#



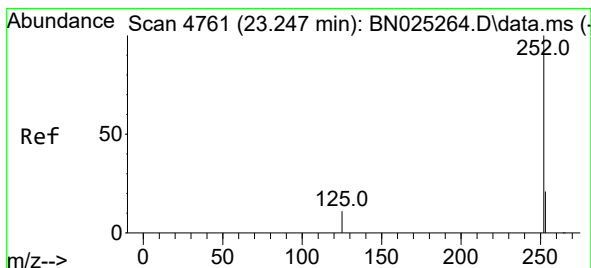
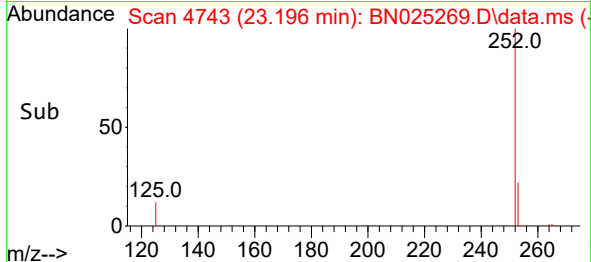
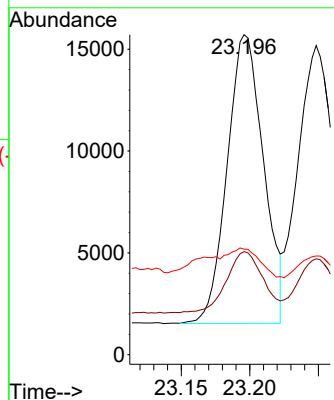


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.196 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4294

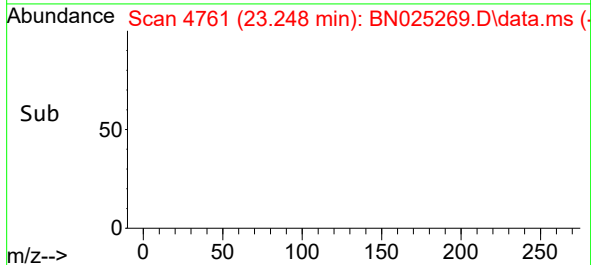
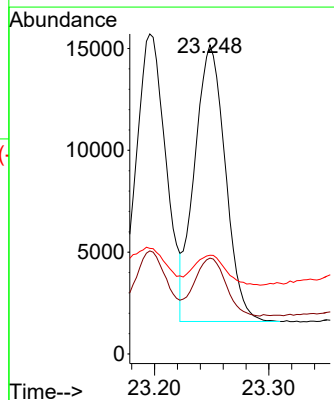
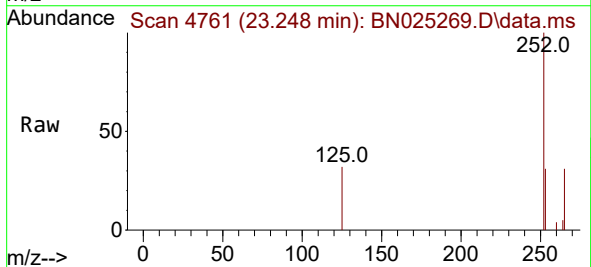


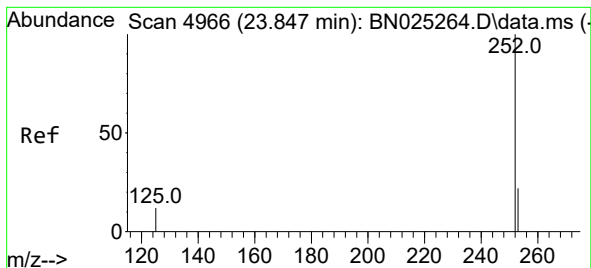
Tgt Ion:252 Resp: 26164
Ion Ratio Lower Upper
252 100
253 32.2 0.0 50.2
125 33.0 0.0 30.4#



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.248 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Tgt Ion:252 Resp: 25395
Ion Ratio Lower Upper
252 100
253 31.0 20.2 30.4#
125 32.0 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.830 min Scan# 4966

Delta R.T. 0.002 min

Lab File: BN025269.D

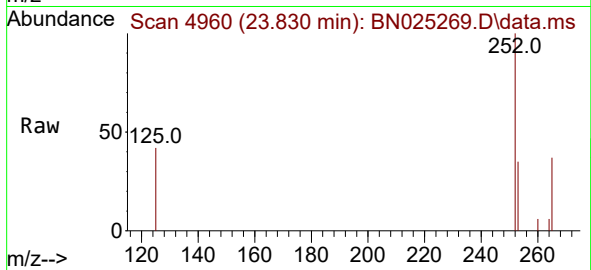
Acq: 04 May 2023 17:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.4294



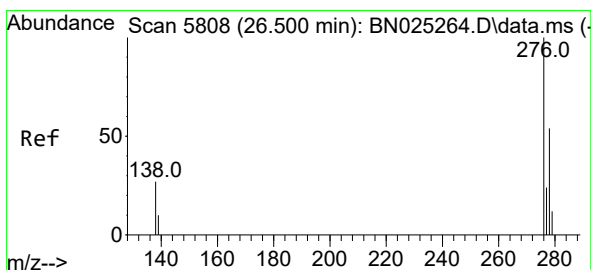
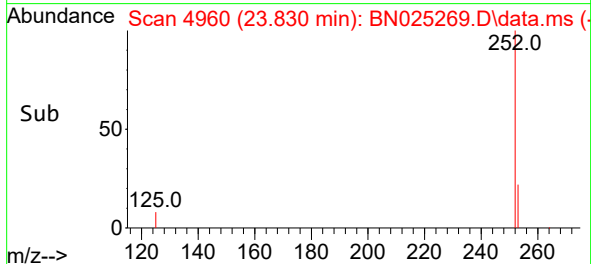
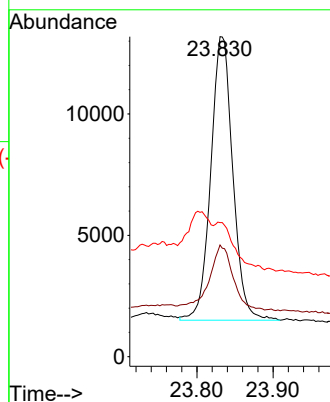
Tgt Ion:252 Resp: 23509

Ion Ratio Lower Upper

252 100

253 34.9 21.4 32.2#

125 41.9 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.431 ng/ul

RT: 26.481 min Scan# 5802

Delta R.T. 0.006 min

Lab File: BN025269.D

Acq: 04 May 2023 17:48

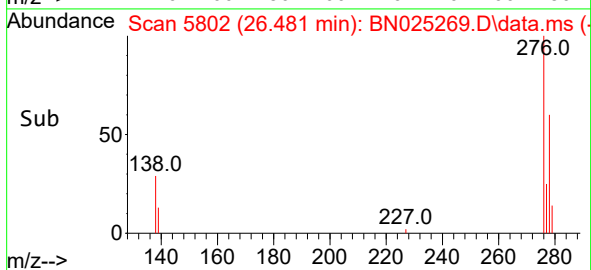
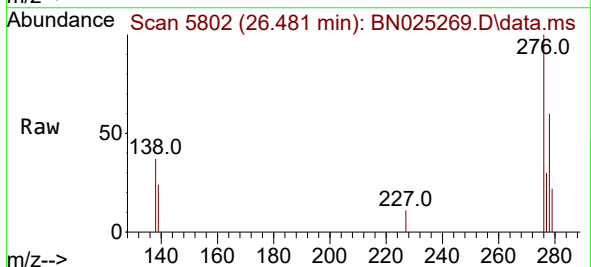
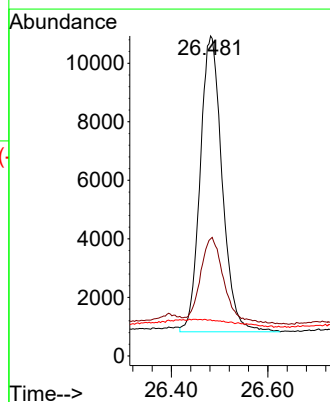
Tgt Ion:276 Resp: 31954

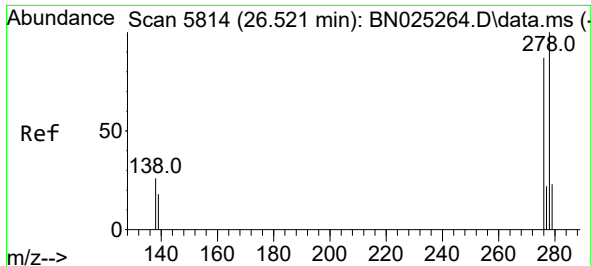
Ion Ratio Lower Upper

276 100

138 30.5 21.9 32.9

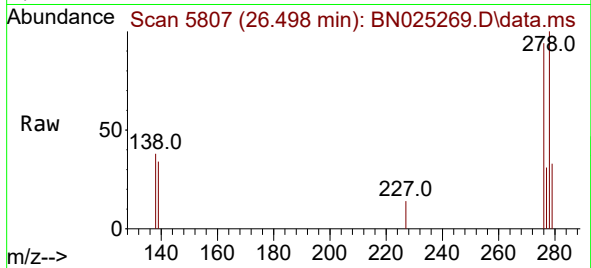
227 0.0 0.1 0.1#



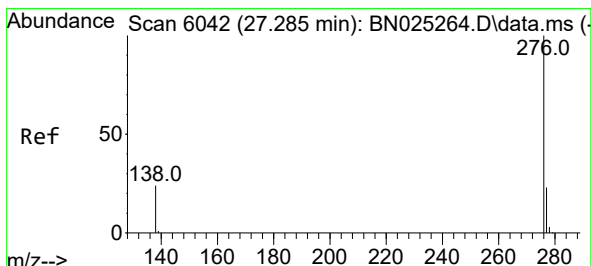
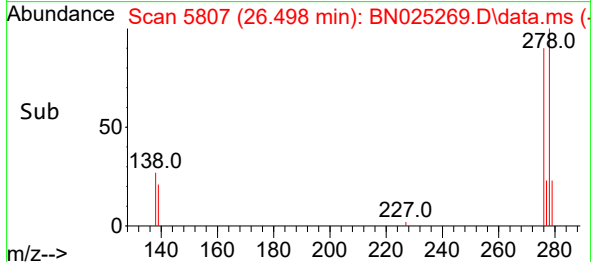
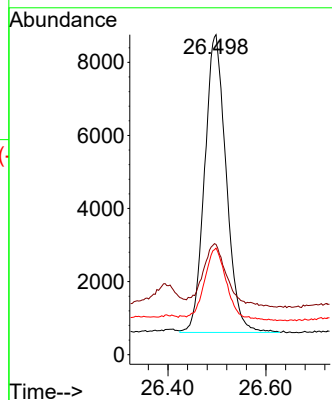


#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.498 min Scan# 5807
Delta R.T. 0.006 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4294



Tgt Ion:278 Resp: 24791
Ion Ratio Lower Upper
278 100
139 34.5 17.0 25.6#
279 33.3 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.269 min Scan# 6037
Delta R.T. 0.009 min
Lab File: BN025269.D
Acq: 04 May 2023 17:48

Tgt Ion:276 Resp: 27561
Ion Ratio Lower Upper
276 100
138 34.0 20.3 30.5#
277 29.5 19.8 29.6

