

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027077.D
 Acq On : 24 Aug 2023 00:36
 Operator : MA/JU
 Sample : 03968-24DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P0DL

Quant Time: Aug 24 01:40:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

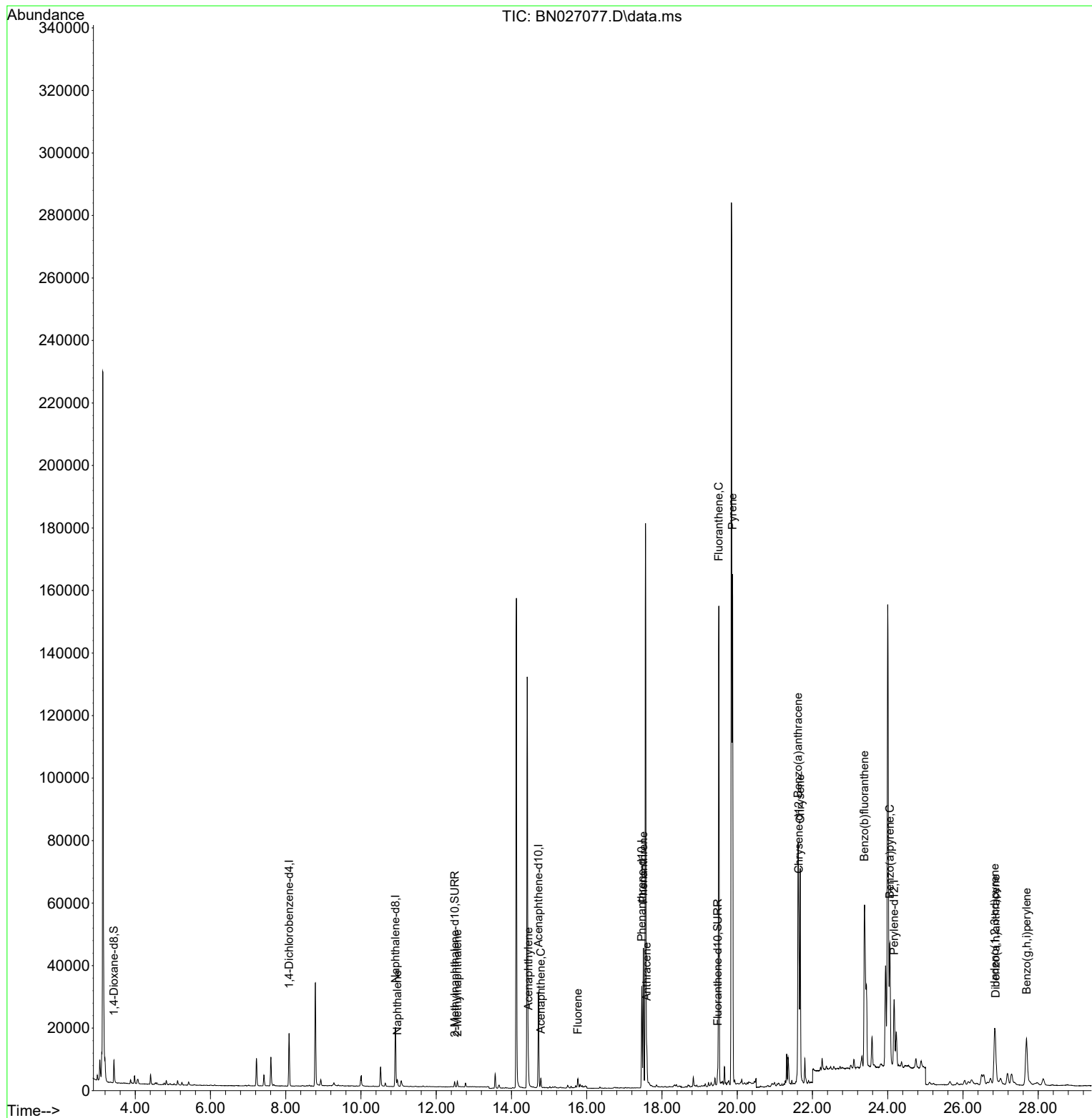
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	8341	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	27245	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	16763	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	37419	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	32792	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	31077	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5183	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	2100	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	4920	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	2901	0.038	ng/ul#	88
7) 2-Methylnaphthalene	12.561	142	1292	0.028	ng/ul	99
10) Acenaphthylene	14.448	152	9006	0.096	ng/ul	98
11) Acenaphthene	14.782	153	1766	0.027	ng/ul	98
12) Fluorene	15.762	166	1888	0.026	ng/ul#	97
15) Phenanthrene	17.506	178	47000	0.382	ng/ul	100
16) Anthracene	17.595	178	10874	0.098	ng/ul	97
19) Fluoranthene	19.511	202	131931	0.969	ng/ul	99
20) Pyrene	19.873	202	134092	0.923	ng/ul	99
21) Benzo(a)anthracene	21.618	228	69294	0.531	ng/ul	98
22) Chrysene	21.674	228	62655	0.487	ng/ul	98
24) Benzo(b)fluoranthene	23.381	252	134621	1.145	ng/ul	95
26) Benzo(a)pyrene	24.056	252	62456	0.589	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.844	276	37356	0.269	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.868	278	8731	0.079	ng/ul#	70
29) Benzo(g,h,i)perylene	27.689	276	37264	0.323	ng/ul	98

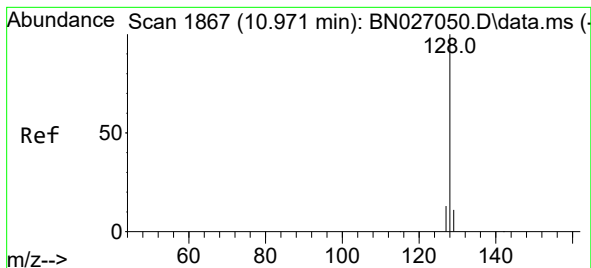
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.038 ng/ul

RT: 10.966 min Scan# 1866

Delta R.T. -0.005 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

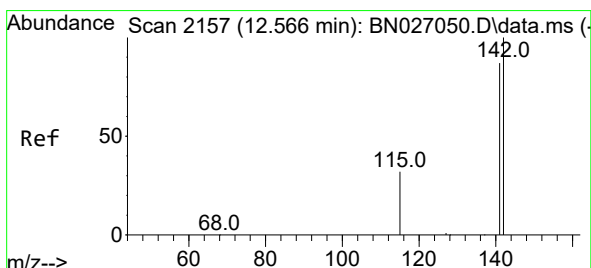
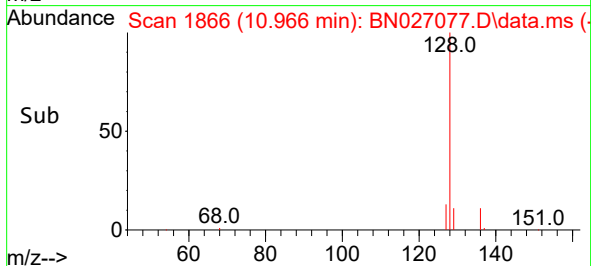
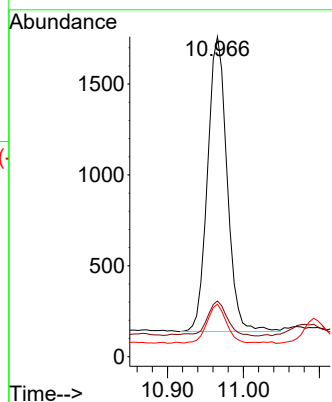
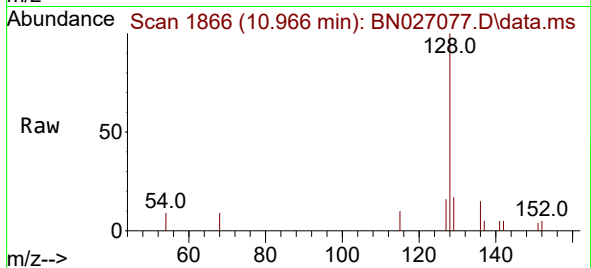
Tgt Ion:128 Resp: 2901

Ion Ratio Lower Upper

128 100

129 17.4 9.2 13.8#

127 16.4 10.5 15.7#



#7

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.561 min Scan# 2156

Delta R.T. -0.005 min

Lab File: BN027077.D

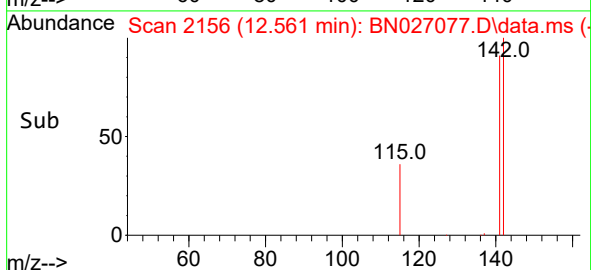
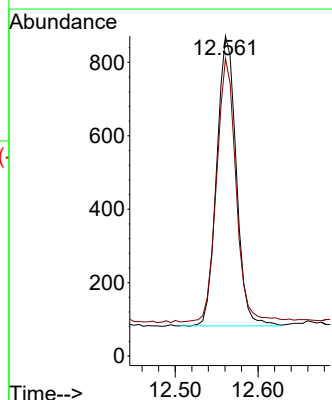
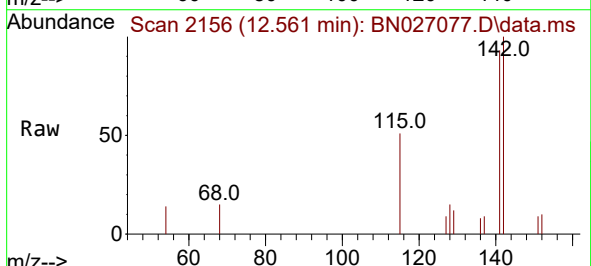
Acq: 24 Aug 2023 00:36

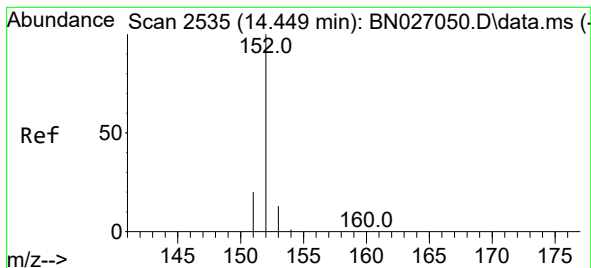
Tgt Ion:142 Resp: 1292

Ion Ratio Lower Upper

142 100

141 89.7 70.9 106.3





#10

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.448 min Scan# 2535

Delta R.T. -0.005 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

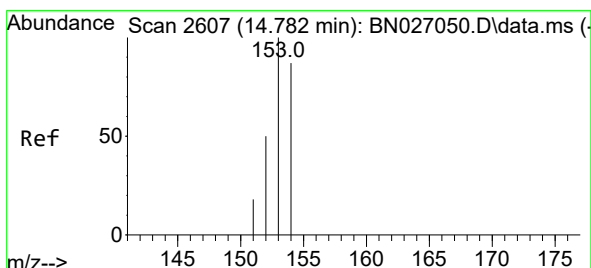
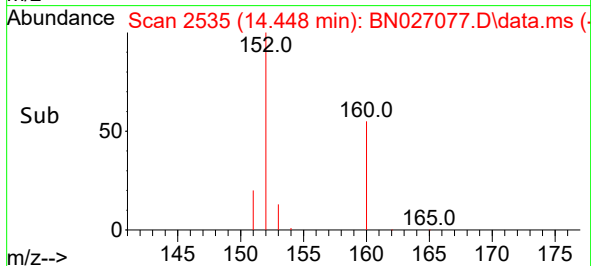
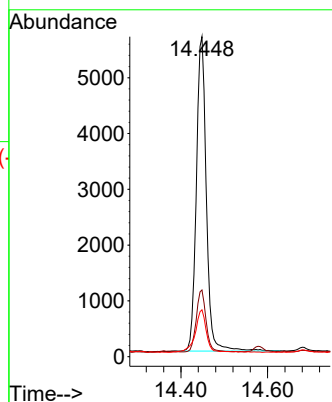
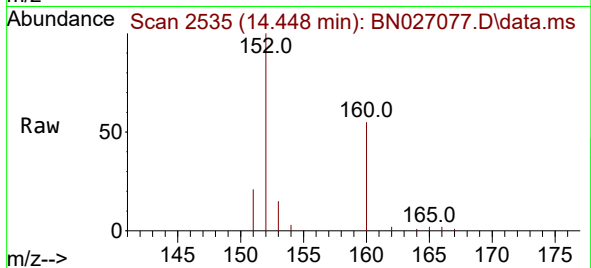
Tgt Ion:152 Resp: 9006

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

153 14.6 11.0 16.6



#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.782 min Scan# 2607

Delta R.T. -0.005 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

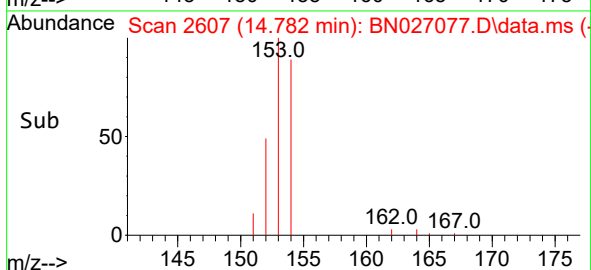
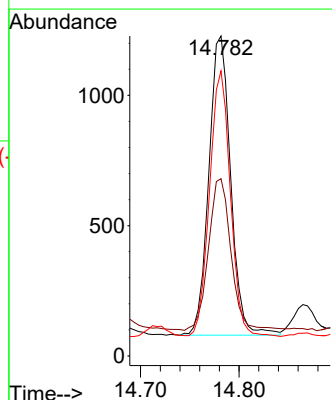
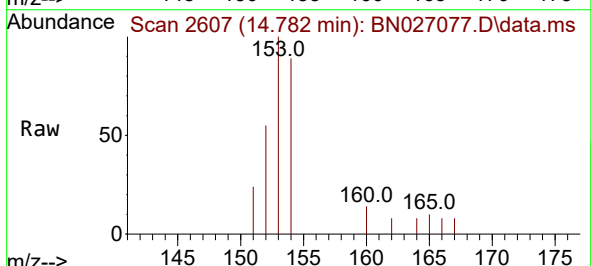
Tgt Ion:153 Resp: 1766

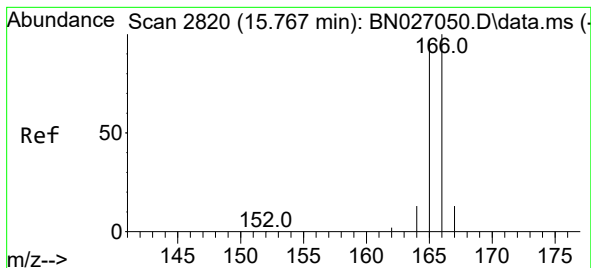
Ion Ratio Lower Upper

153 100

152 55.4 41.1 61.7

154 89.1 71.6 107.4





#12

Fluorene

Concen: 0.026 ng/ul

RT: 15.762 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

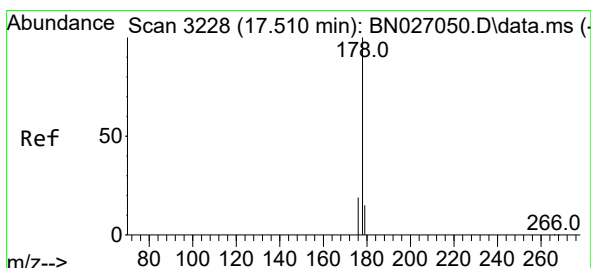
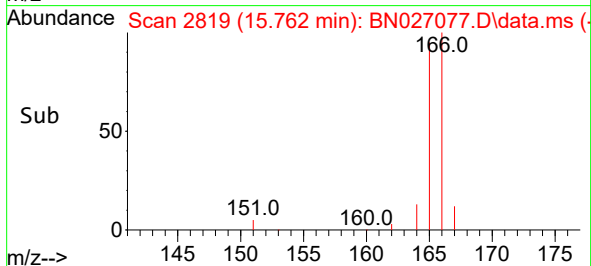
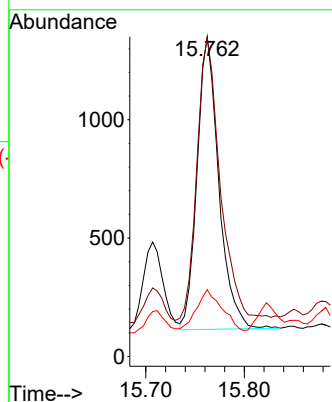
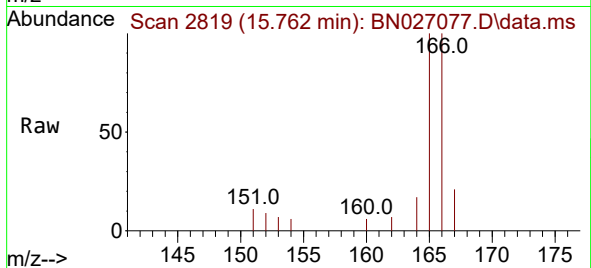
Tgt Ion:166 Resp: 1888

Ion Ratio Lower Upper

166 100

165 99.6 79.1 118.7

167 20.9 11.4 17.0#



#15

Phenanthrene

Concen: 0.382 ng/ul

RT: 17.506 min Scan# 3227

Delta R.T. -0.004 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

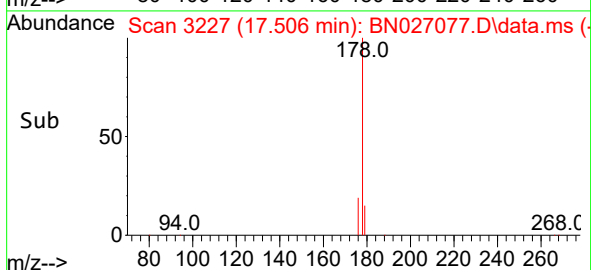
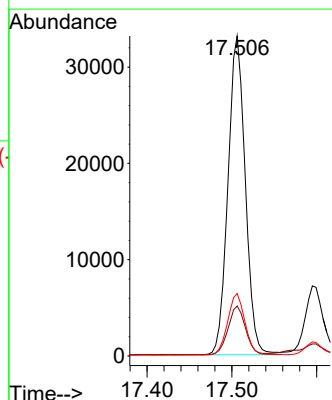
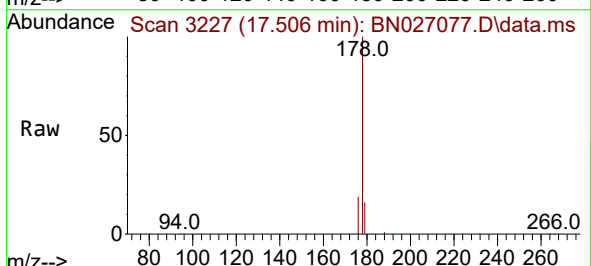
Tgt Ion:178 Resp: 47000

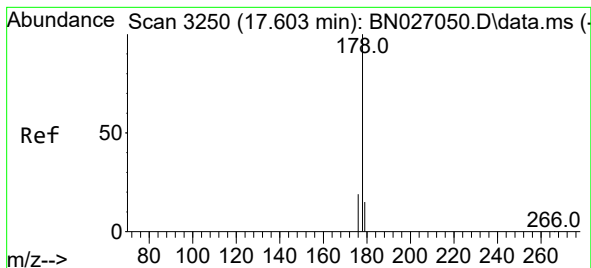
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.5 15.4 23.2





#16

Anthracene

Concen: 0.098 ng/ul

RT: 17.595 min Scan# 31

Delta R.T. -0.008 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

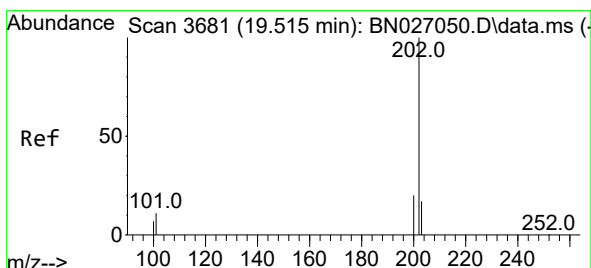
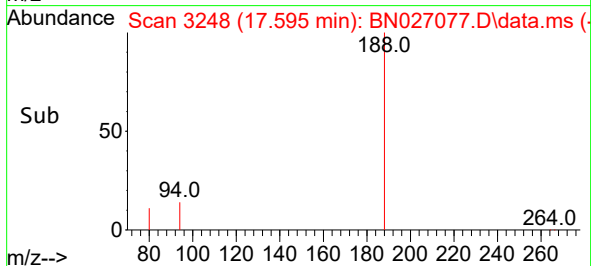
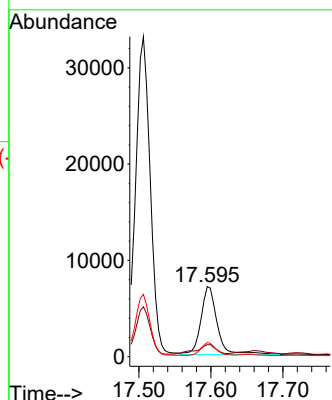
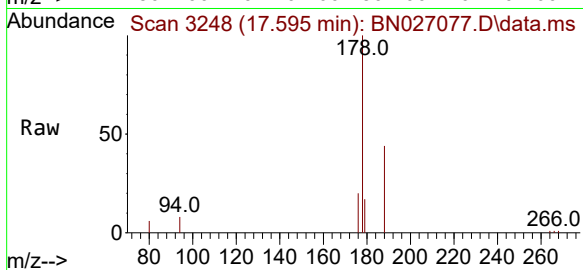
Tgt Ion:178 Resp: 10874

Ion Ratio Lower Upper

178 100

179 17.2 12.6 19.0

176 20.0 15.0 22.6



#19

Fluoranthene

Concen: 0.969 ng/ul

RT: 19.511 min Scan# 3680

Delta R.T. -0.005 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

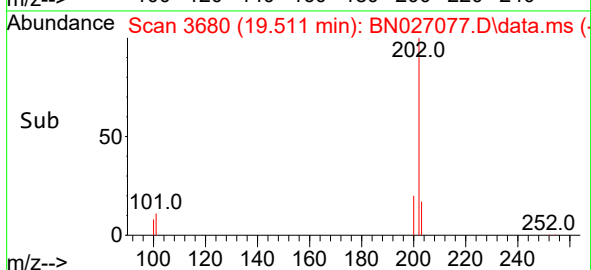
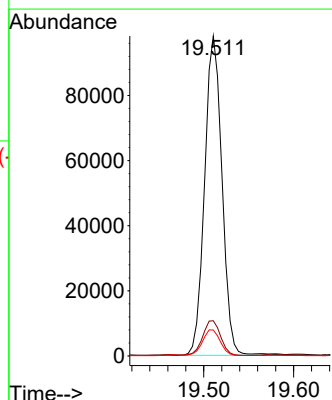
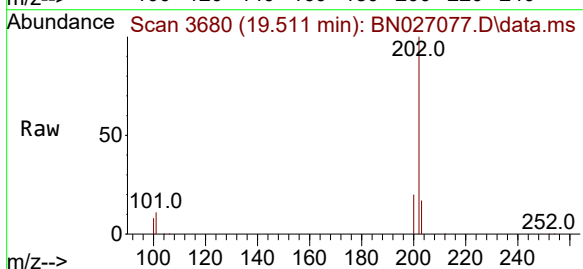
Tgt Ion:202 Resp: 131931

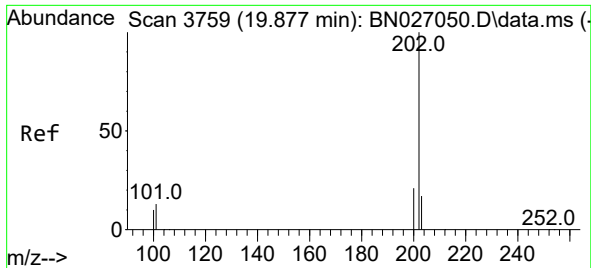
Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

100 8.1 6.2 9.2

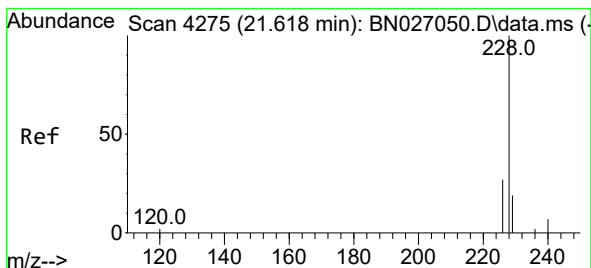
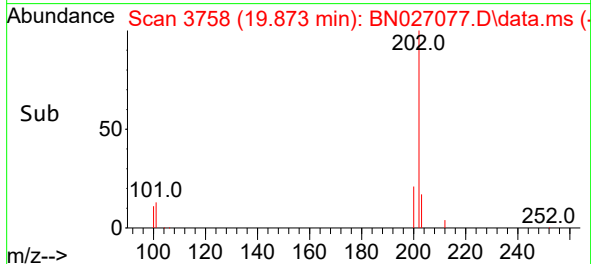
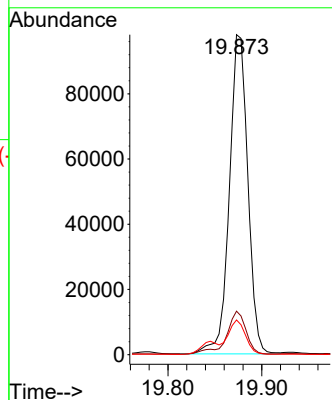
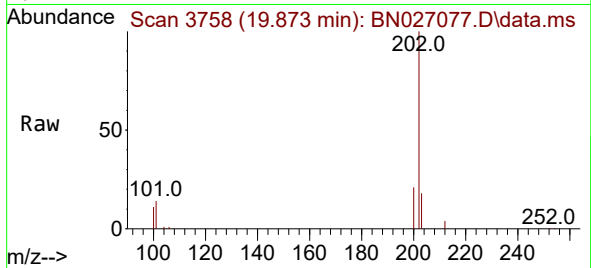




#20
Pyrene
Concen: 0.923 ng/ul
RT: 19.873 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027077.D
Acq: 24 Aug 2023 00:36

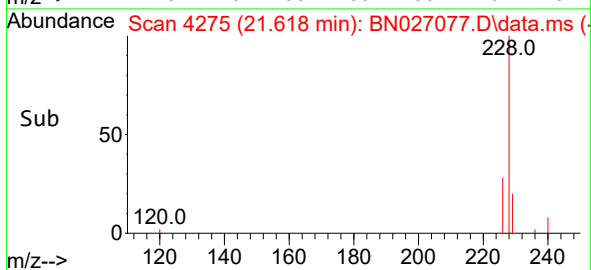
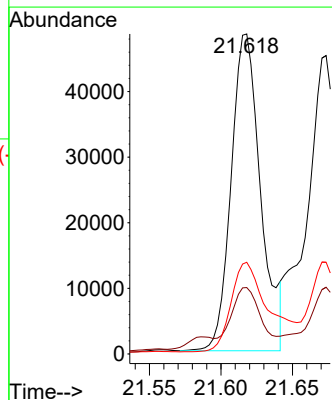
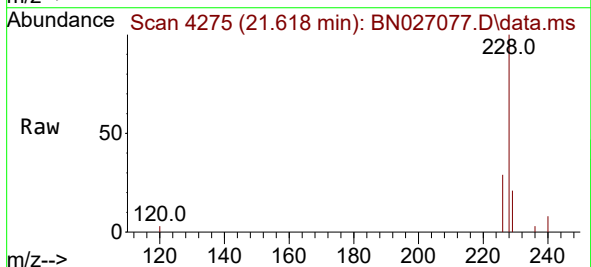
Instrument :
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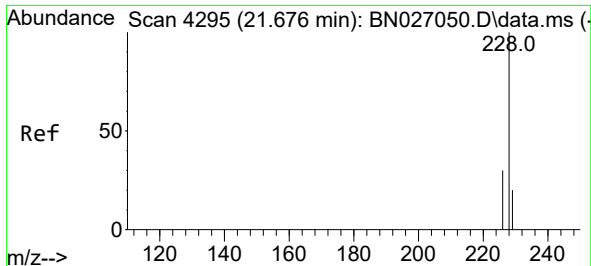
Tgt Ion:202 Resp: 134092
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.8 8.5 12.7



#21
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027077.D
Acq: 24 Aug 2023 00:36

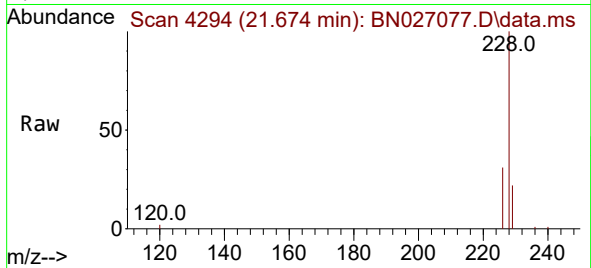
Tgt Ion:228 Resp: 69294
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.7 22.2 33.2



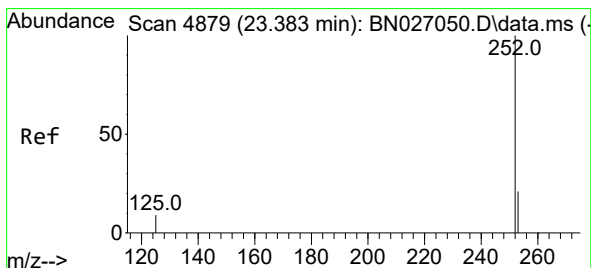
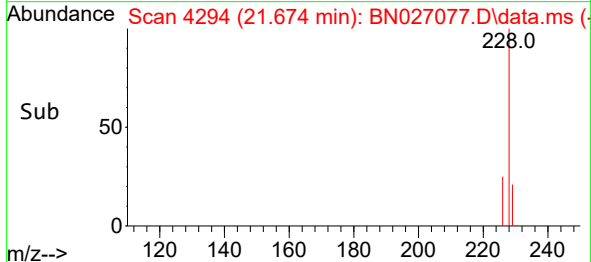
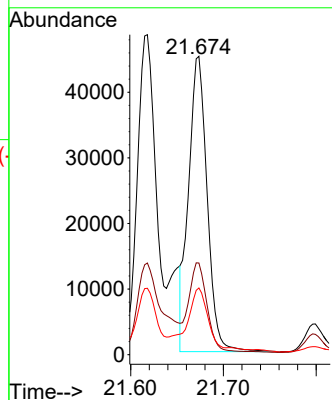


#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.674 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027077.D
Acq: 24 Aug 2023 00:36

Instrument :
BNA_N
ClientSampleId :
A48P0DL

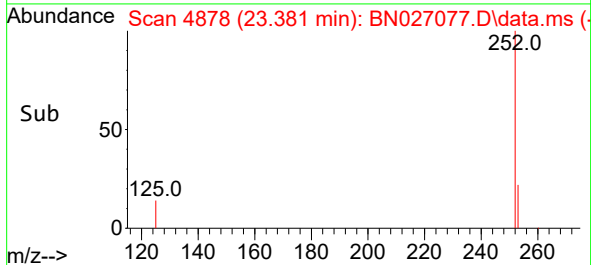
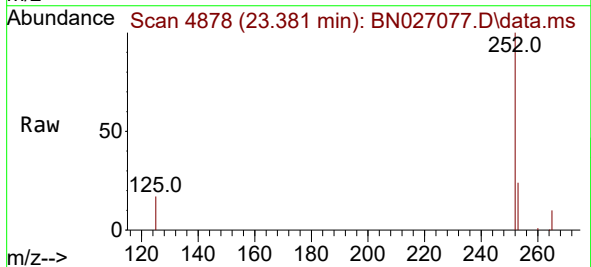
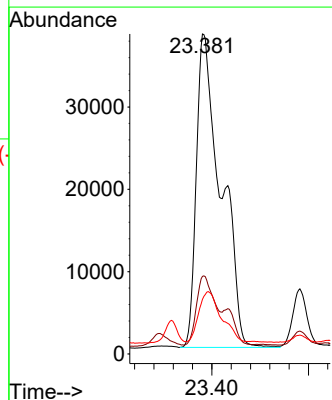


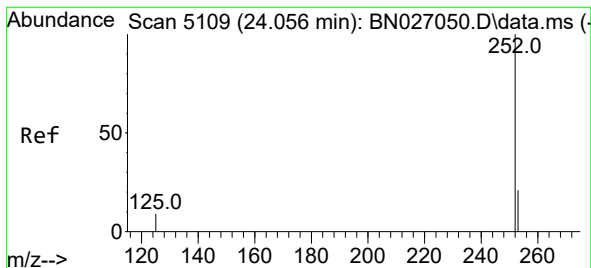
Tgt Ion:228 Resp: 62655
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 22.3 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.145 ng/ul
RT: 23.381 min Scan# 4878
Delta R.T. -0.006 min
Lab File: BN027077.D
Acq: 24 Aug 2023 00:36

Tgt Ion:252 Resp: 134621
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.8
125 17.0 0.0 25.2





#26

Benzo(a)pyrene

Concen: 0.589 ng/ul

RT: 24.056 min Scan# 5109

Delta R.T. -0.006 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

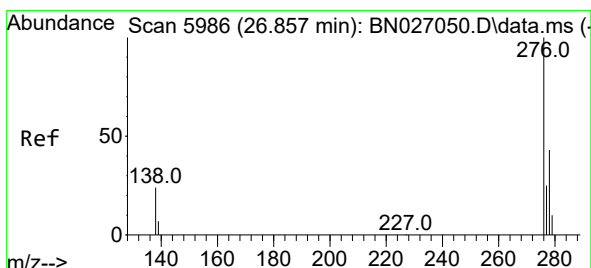
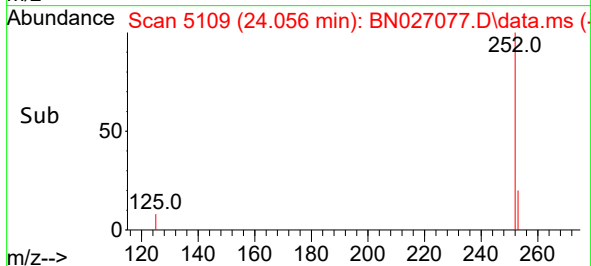
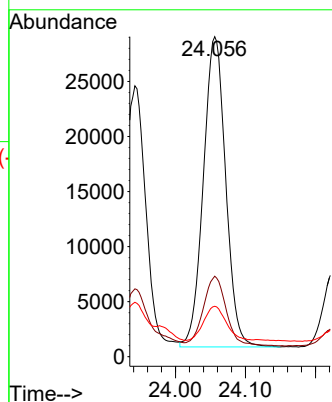
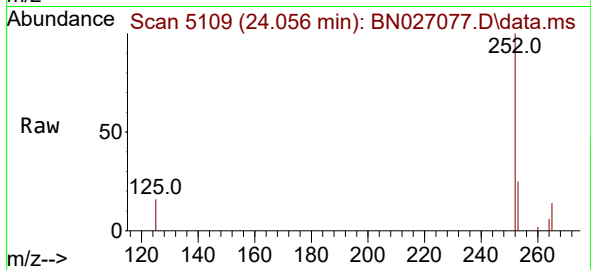
Tgt Ion:252 Resp: 62456

Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.6

125 15.7 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

RT: 26.844 min Scan# 5982

Delta R.T. -0.010 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

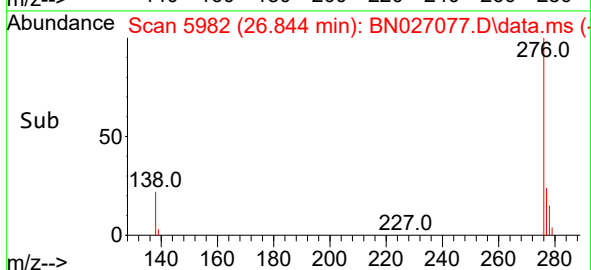
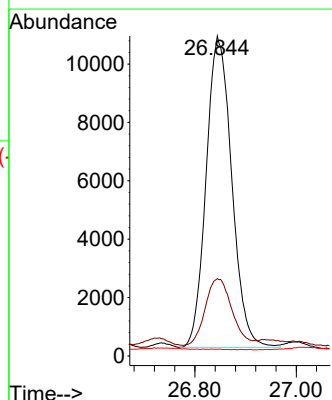
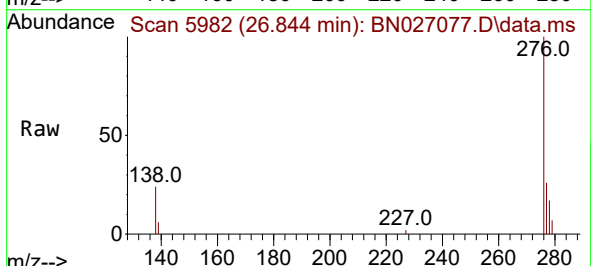
Tgt Ion:276 Resp: 37356

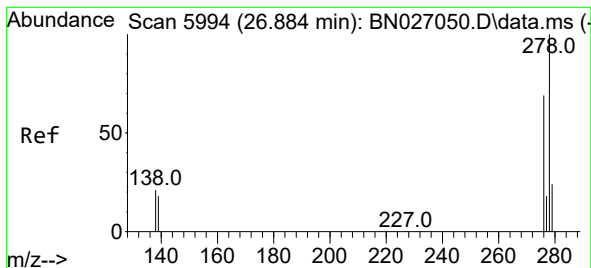
Ion Ratio Lower Upper

276 100

138 22.5 21.6 32.4

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 26.868 min Scan# 5989

Delta R.T. -0.017 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48P0DL

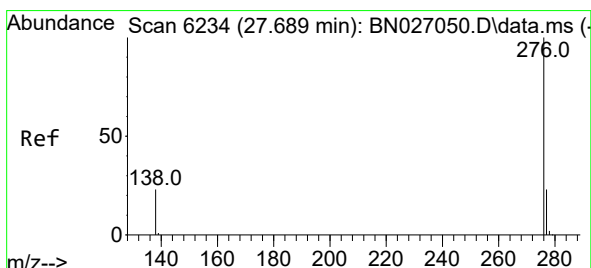
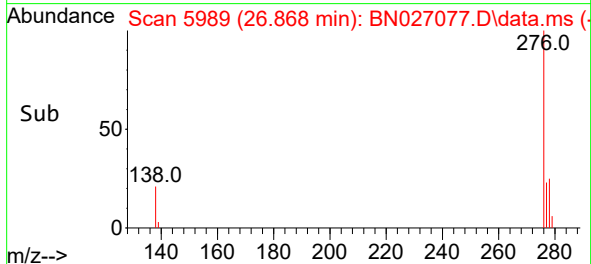
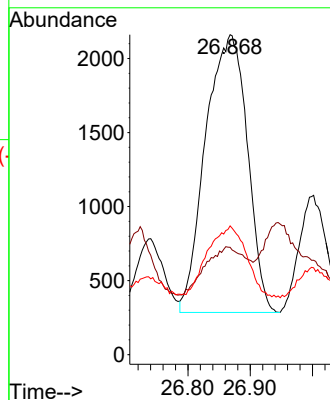
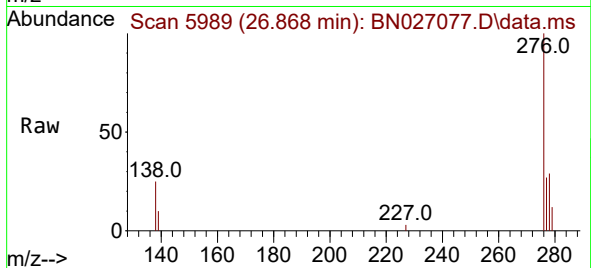
Tgt Ion:278 Resp: 8731

Ion Ratio Lower Upper

278 100

139 33.5 15.7 23.5#

279 40.3 20.2 30.4#



#29

Benzo(g,h,i)perylene

Concen: 0.323 ng/ul

RT: 27.689 min Scan# 6234

Delta R.T. -0.007 min

Lab File: BN027077.D

Acq: 24 Aug 2023 00:36

Tgt Ion:276 Resp: 37264

Ion Ratio Lower Upper

276 100

138 25.0 19.3 28.9

277 25.9 19.8 29.8

