

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012279.D
 Acq On : 16 Oct 2020 22:29
 Operator : CG/JU
 Sample : L4201-19DL 10X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 23:50:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

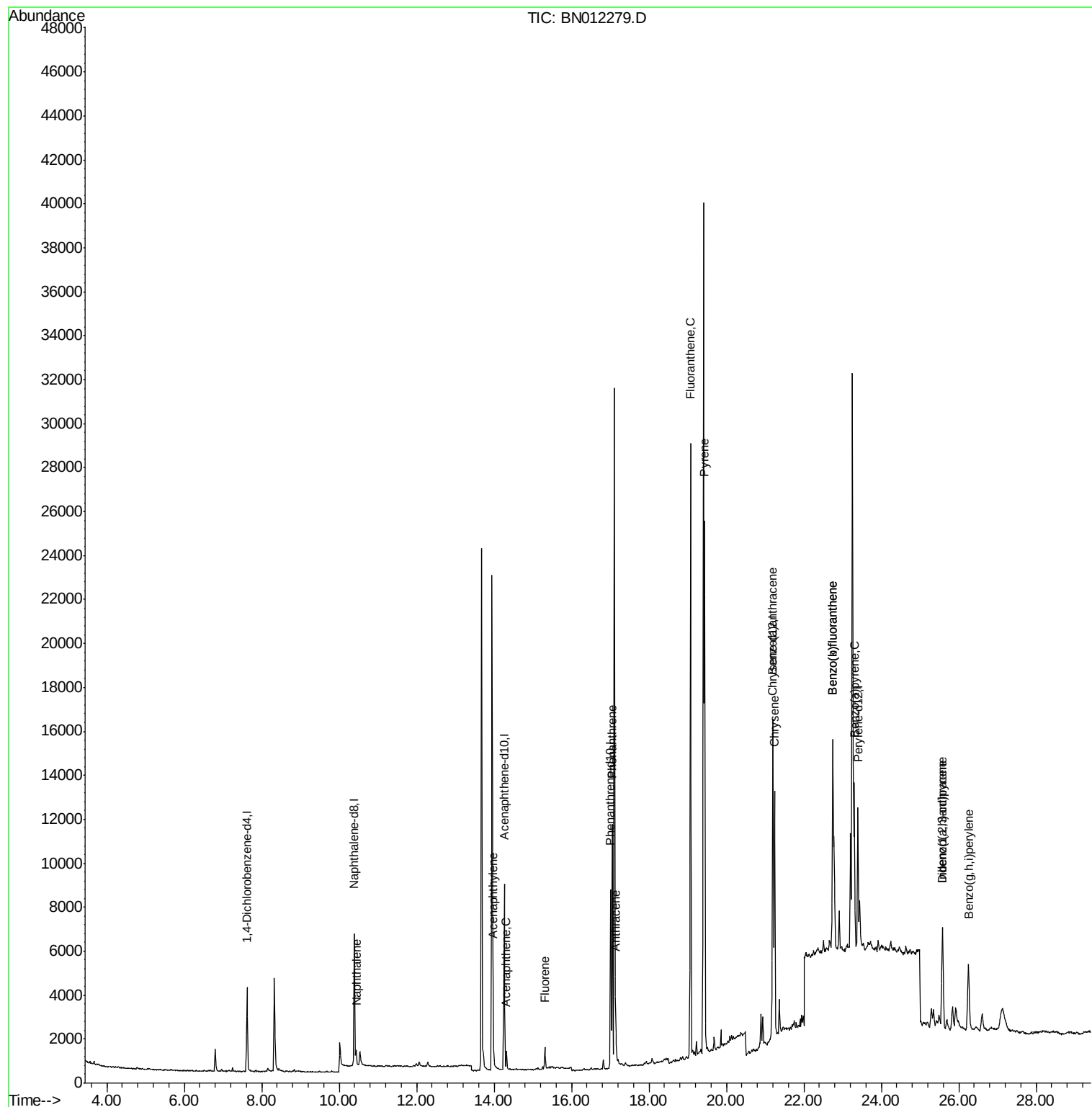
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8437	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9371	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7583	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	191	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	431	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	876	0.036	ng/ul#	82
7) Acenaphthylene	13.98	152	1167	0.057	ng/ul#	88
8) Acenaphthene	14.32	153	488	0.028	ng/ul#	94
9) Fluorene	15.31	166	729	0.038	ng/ul#	93
12) Phenanthrene	17.05	178	11982	0.401	ng/ul	99
13) Anthracene	17.14	178	2516	0.098	ng/ul	95
15) Fluoranthene	19.07	202	23973	0.686	ng/ul	99
17) Pyrene	19.44	202	20101	0.588	ng/ul	98
18) Benzo(a)anthracene	21.19	228	11117	0.396	ng/ul	95
19) Chrysene	21.24	228	11021	0.322	ng/ul	95
21) Benzo(b)fluoranthene	22.75	252	20017	0.633	ng/ul	87
22) Benzo(k)fluoranthene	22.75	252	20017	0.572	ng/ul#	85
23) Benzo(a)pyrene	23.30	252	9708	0.315	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.58	276	7102	0.180	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1901	0.060	ng/ul#	20
26) Benzo(a,h,i)perylene	26.25	276	6344	0.175	ng/ul#	80

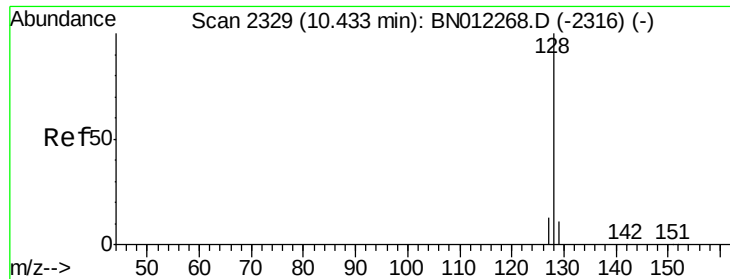
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampleId :

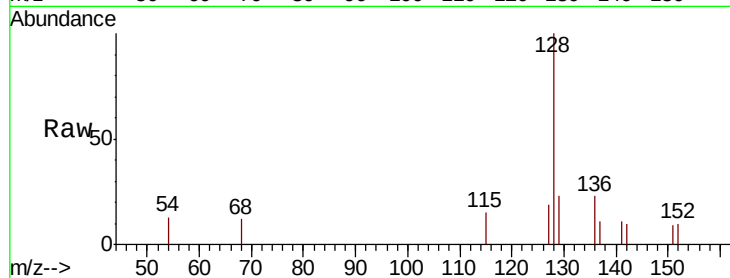
Tot Ion:128 Resp: 876

Ion Ratio Lower Upper

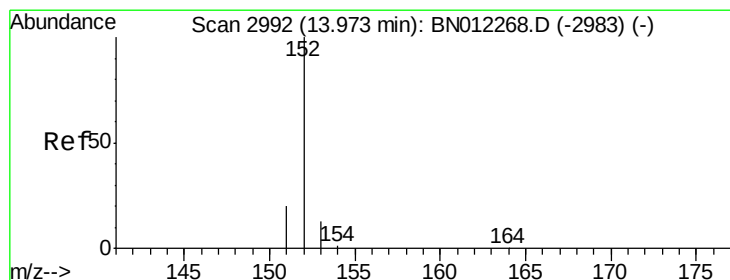
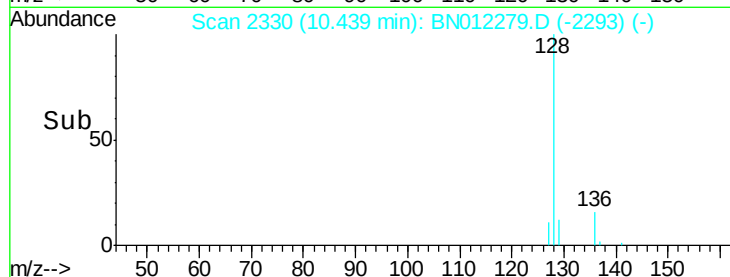
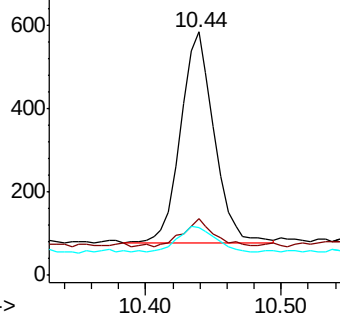
128 100

129 23.2 10.3 15.5#

127 19.3 11.9 17.9#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

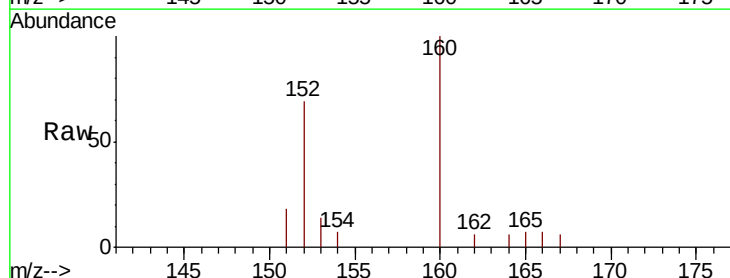
Tgt Ion:152 Resp: 1167

Ion Ratio Lower Upper

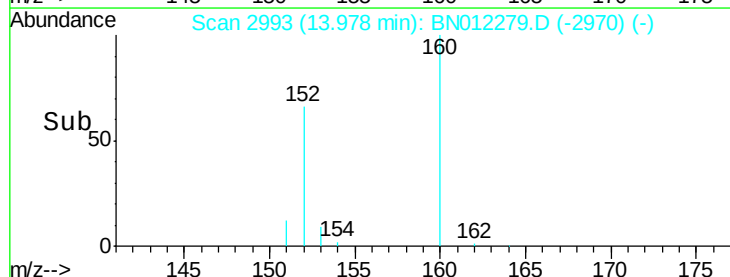
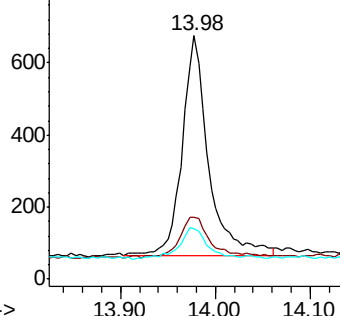
152 100

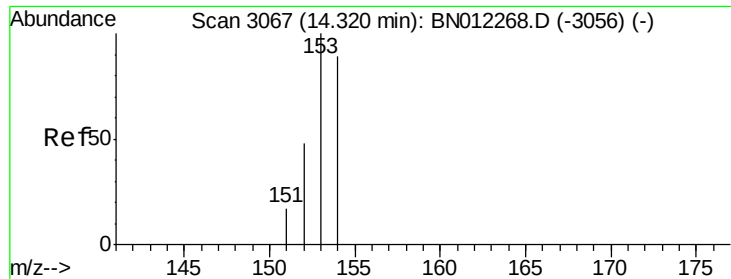
151 25.4 16.7 25.1#

153 20.7 11.8 17.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampled :

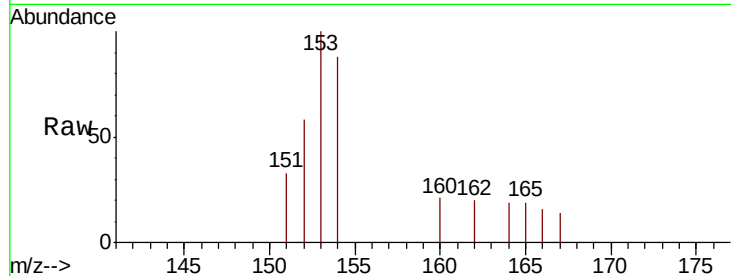
Tot Ion:153 Resp: 488

Ion Ratio Lower Upper

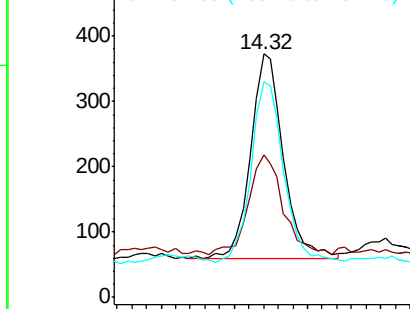
153 100

152 58.4 38.2 57.2#

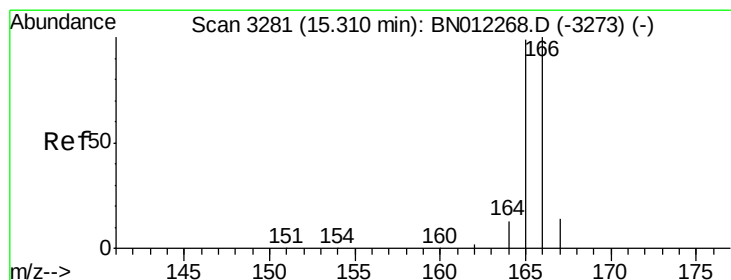
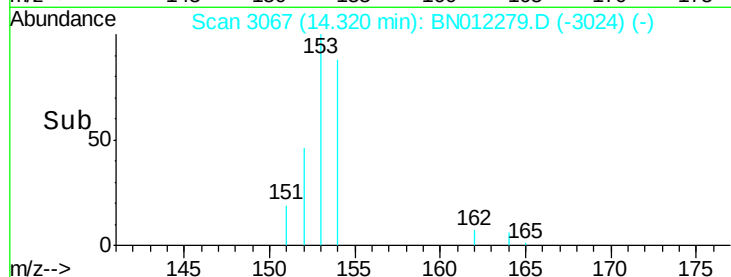
154 88.5 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.038 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

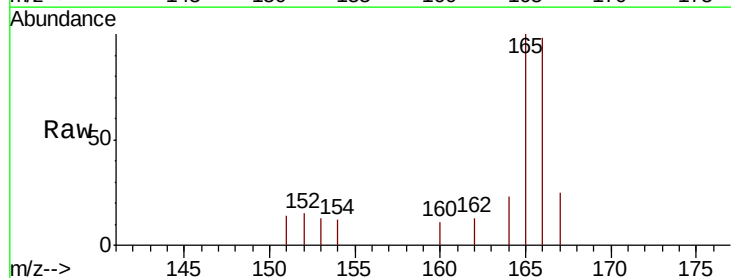
Tgt Ion:166 Resp: 729

Ion Ratio Lower Upper

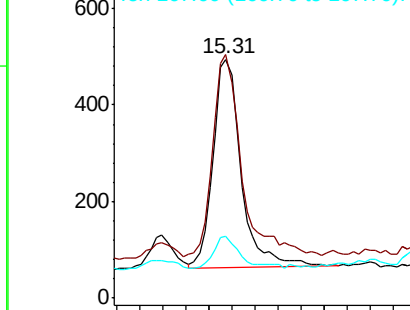
166 100

165 102.0 78.6 118.0

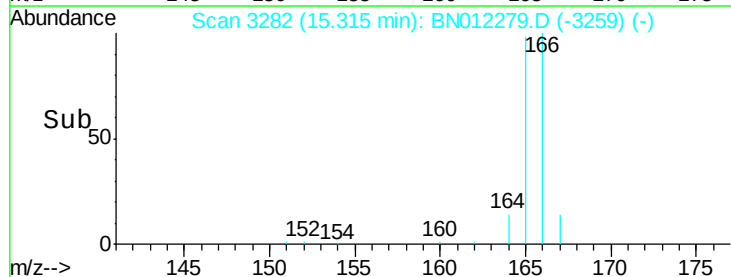
167 25.7 11.9 17.9#

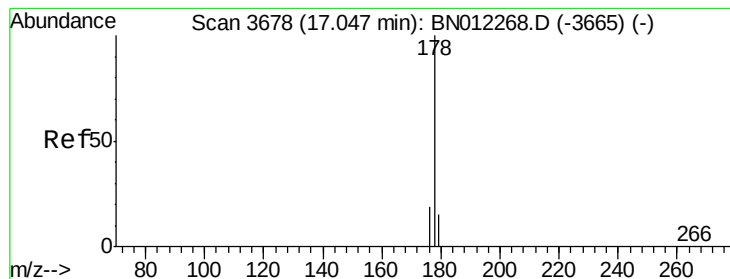


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampleId :

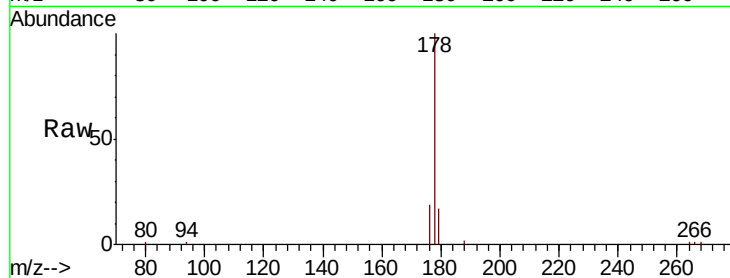
Tot Ion:178 Resp: 11982

Ion Ratio Lower Upper

178 100

179 17.0 13.4 20.2

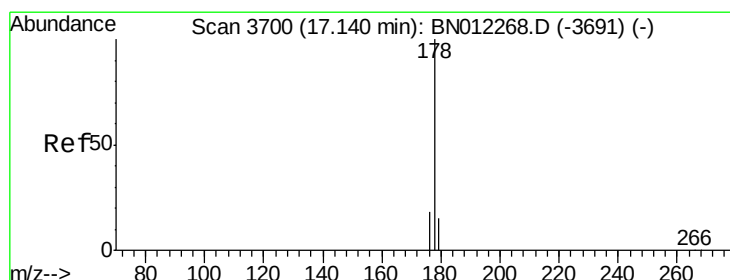
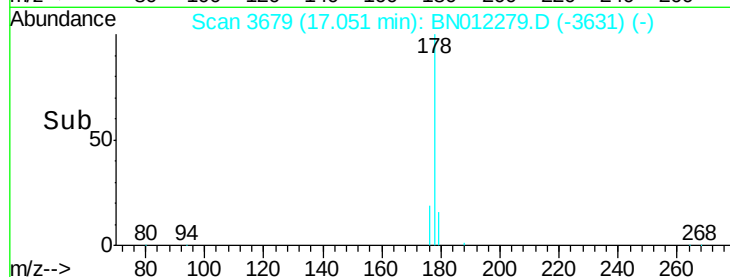
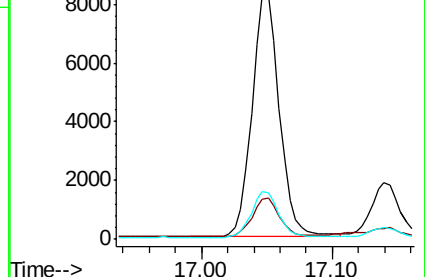
176 19.3 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.098 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

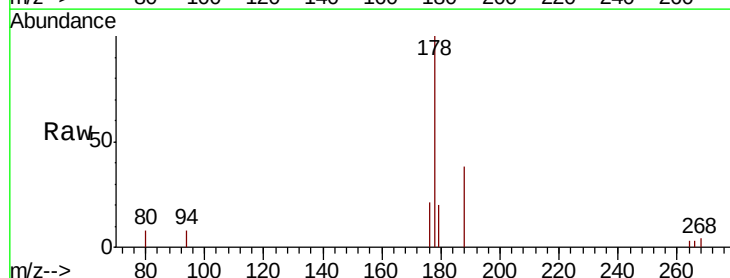
Tgt Ion:178 Resp: 2516

Ion Ratio Lower Upper

178 100

179 20.1 13.9 20.9

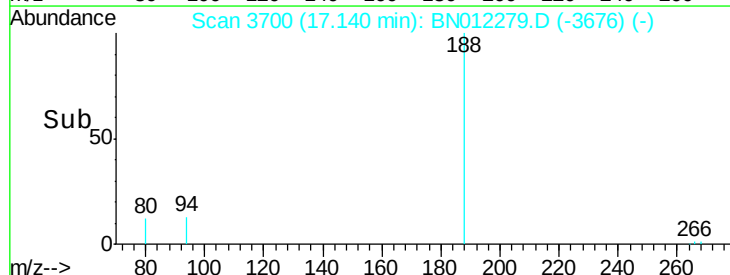
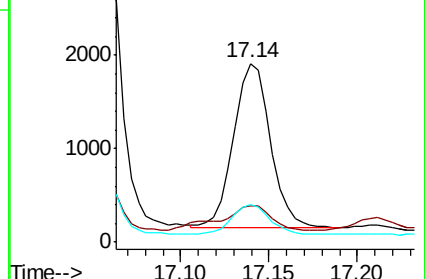
176 20.8 15.4 23.0

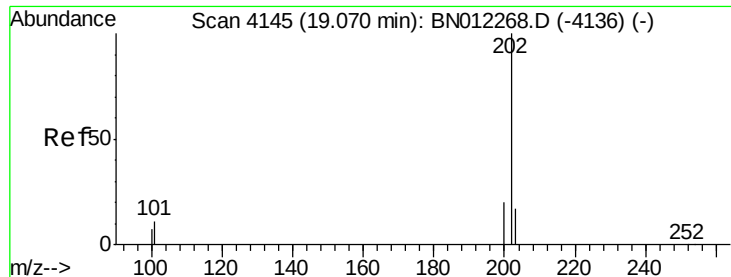


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

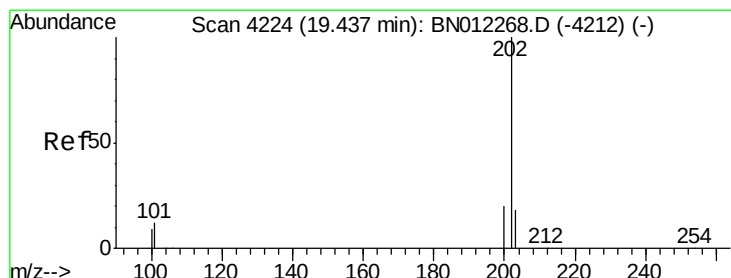
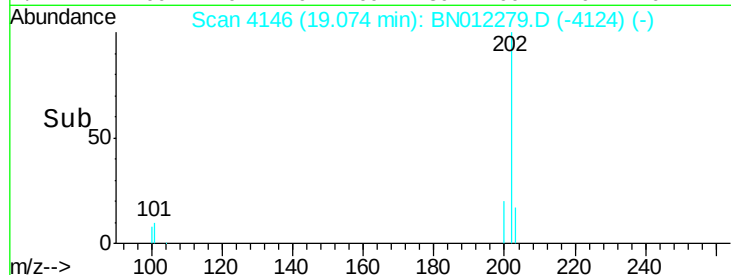
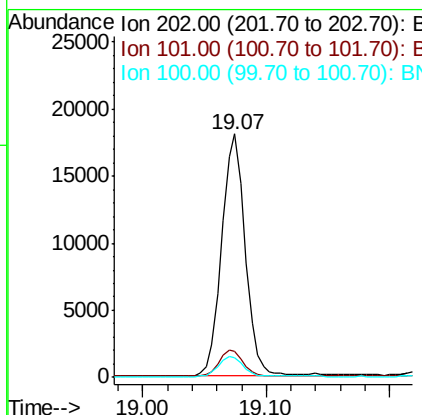
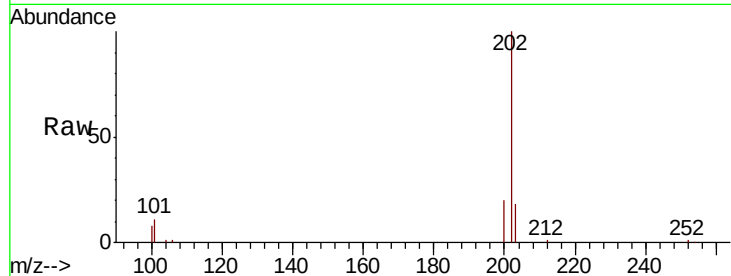




#15
Fluoranthene
Concen: 0.686 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

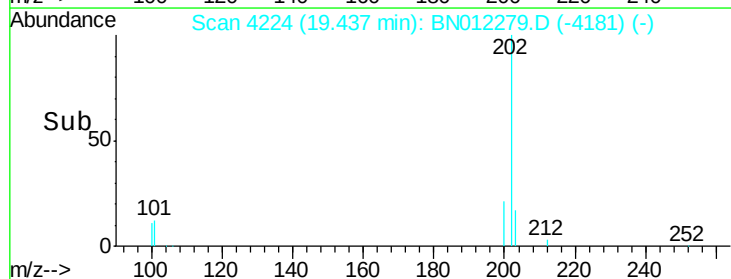
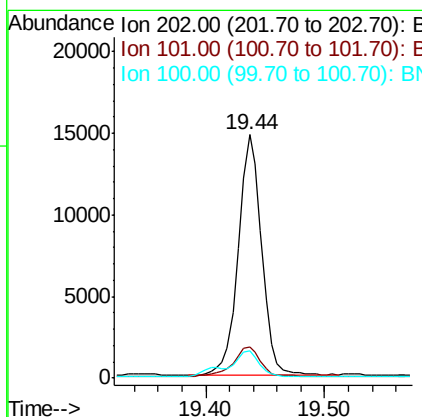
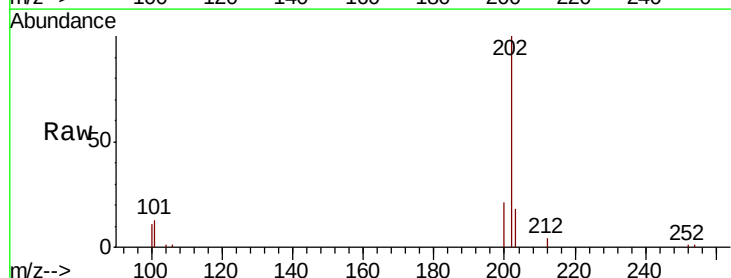
Instrument :
BNA_N
ClientSampleId :

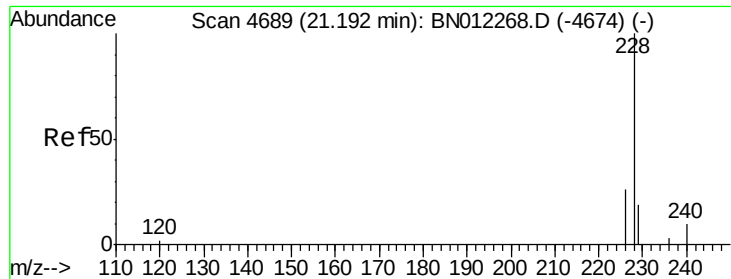
Tot Ion:202 Resp: 23973
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.0
100 8.2 0.0 28.7



#17
Pyrene
Concen: 0.588 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion:202 Resp: 20101
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 11.0 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.396 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampleId :

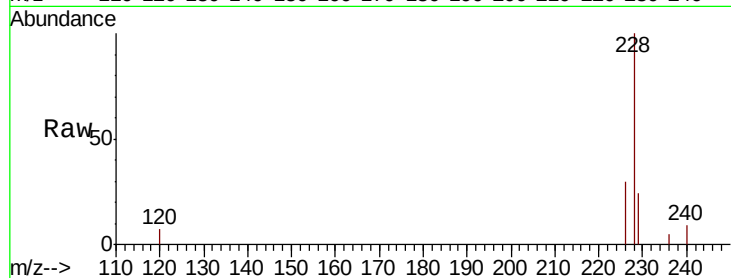
Tot Ion:228 Resp: 11117

Ion Ratio Lower Upper

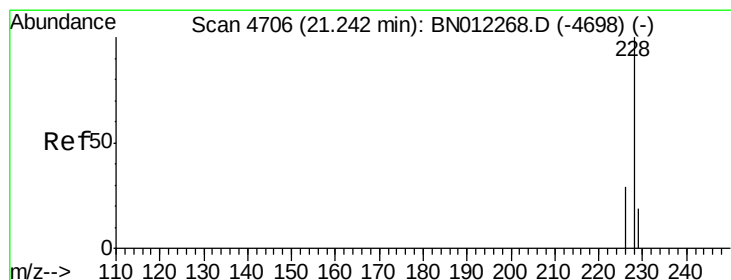
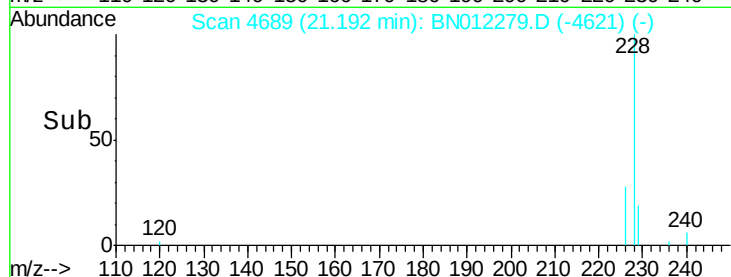
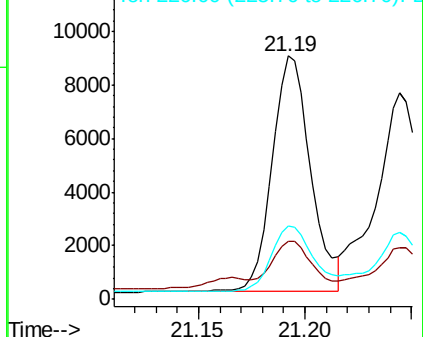
228 100

229 23.7 15.8 23.8

226 29.9 22.6 33.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.322 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

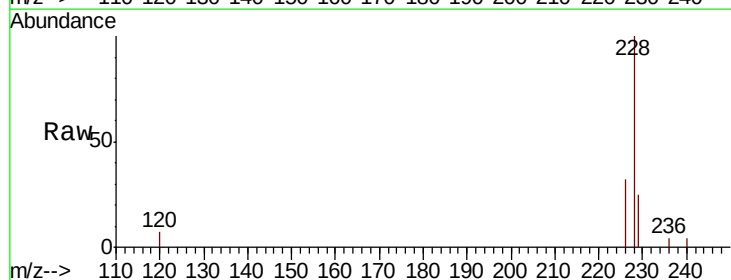
Tgt Ion:228 Resp: 11021

Ion Ratio Lower Upper

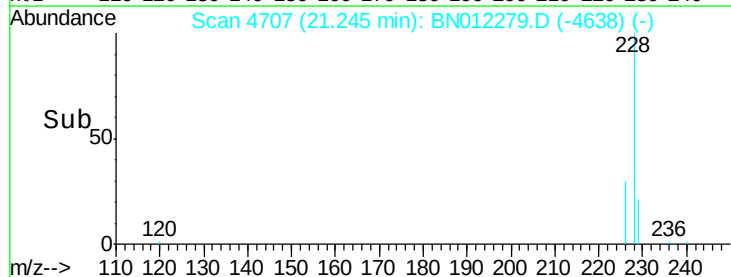
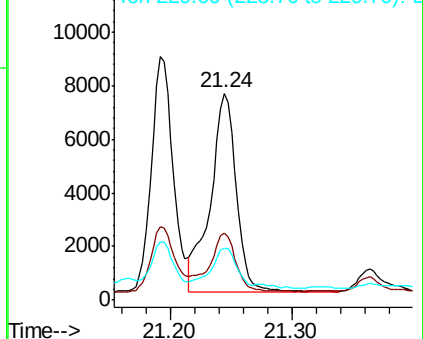
228 100

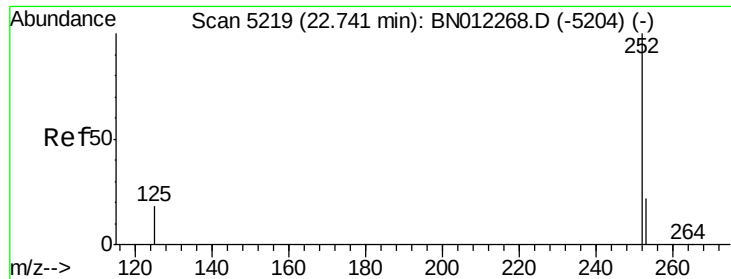
226 32.3 24.6 37.0

229 25.0 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.633 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampleId :

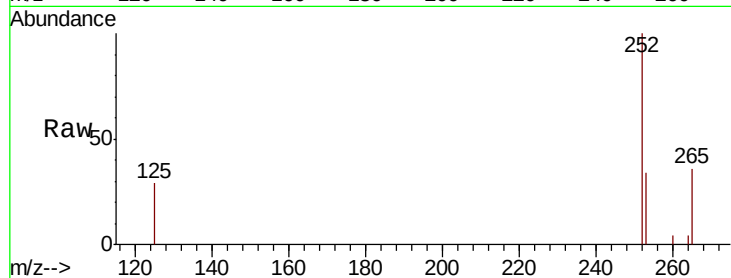
Tot Ion:252 Resp: 20017

Ion Ratio Lower Upper

252 100

253 34.0 0.0 61.6

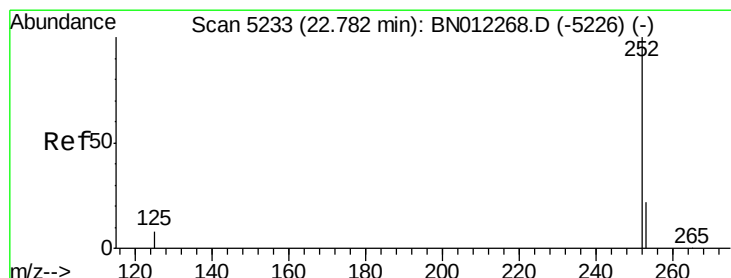
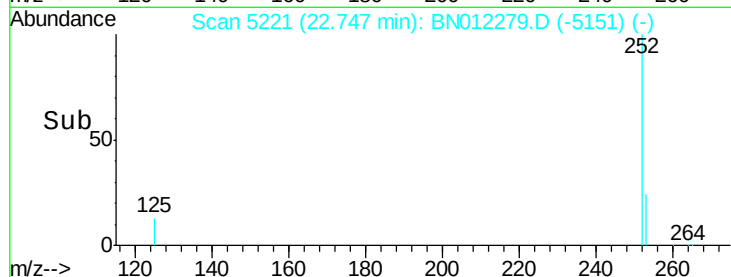
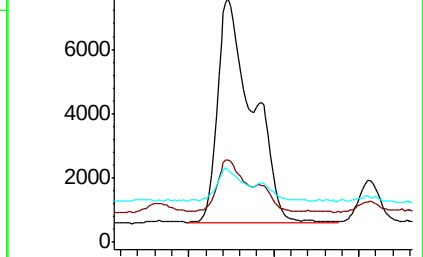
125 29.4 0.0 36.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.572 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.04 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

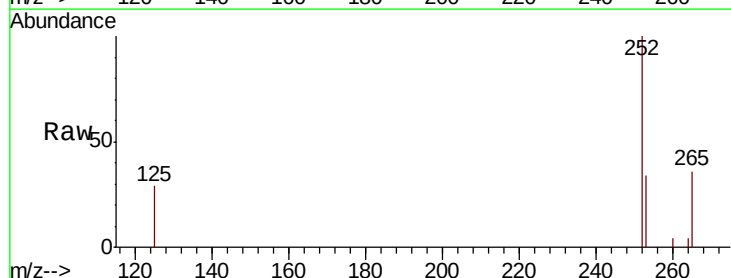
Tgt Ion:252 Resp: 20017

Ion Ratio Lower Upper

252 100

253 34.0 24.4 36.6

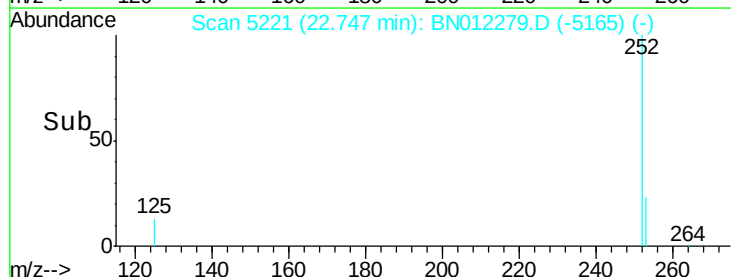
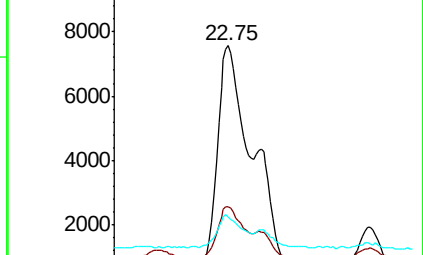
125 29.4 12.9 19.3#

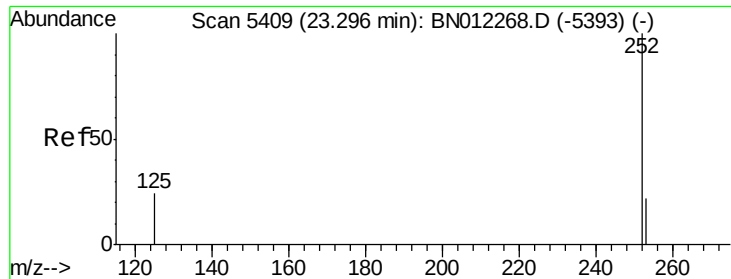


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.315 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

ClientSampleId :

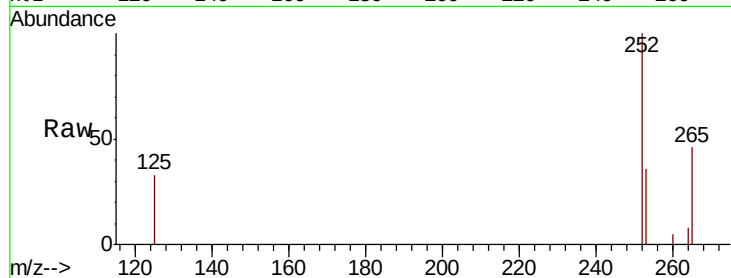
Tot Ion:252 Resp: 9708

Ion Ratio Lower Upper

252 100

253 35.8 27.0 40.4

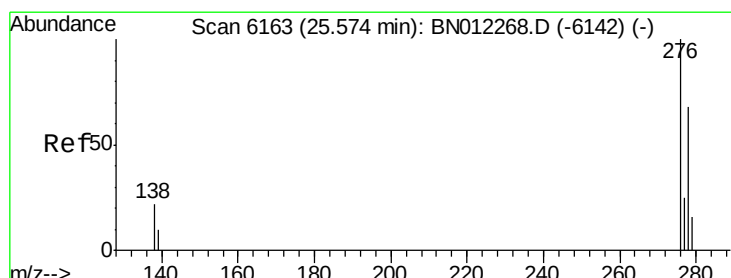
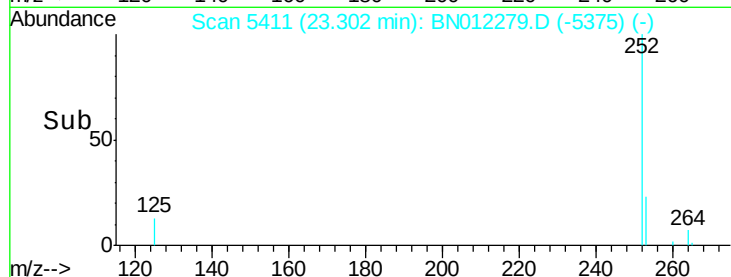
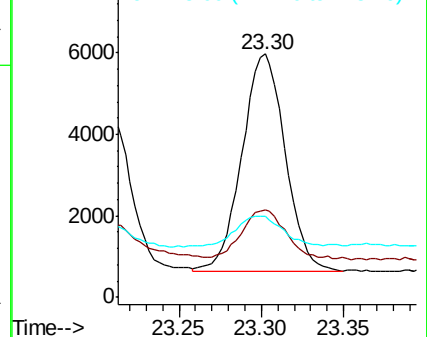
125 33.2 18.8 28.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.180 ng/ul

RT: 25.58 min Scan# 6165

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

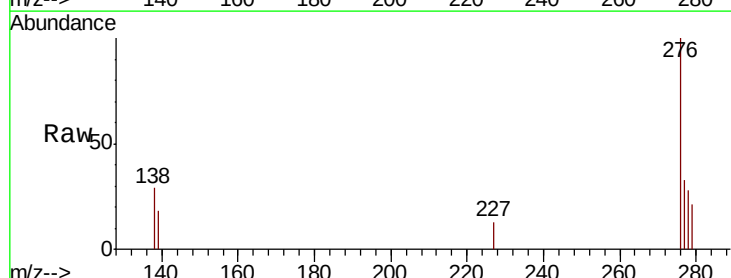
Tgt Ion:276 Resp: 7102

Ion Ratio Lower Upper

276 100

138 21.7 0.0 0.0#

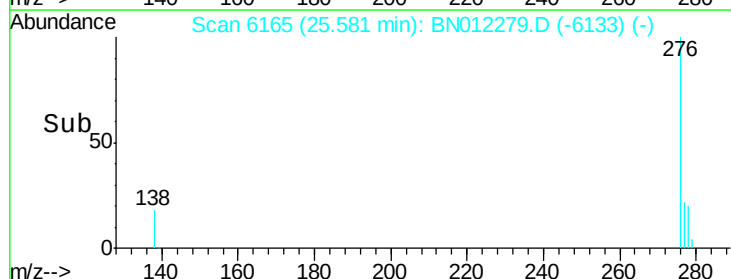
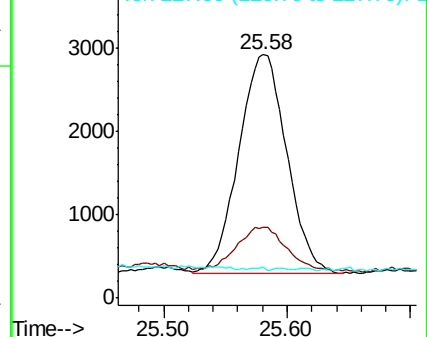
227 0.3 0.0 0.0#

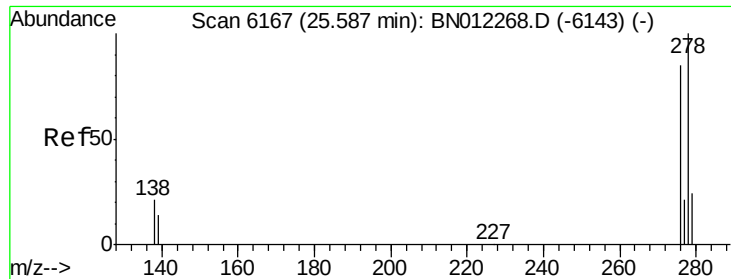


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

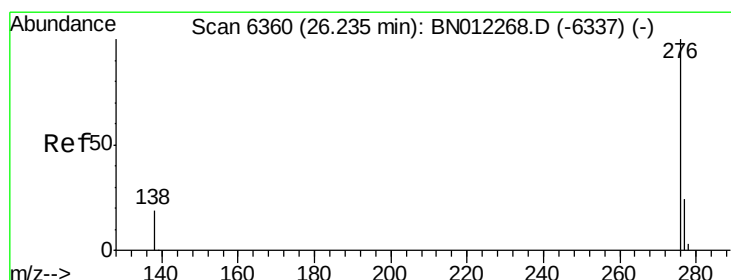
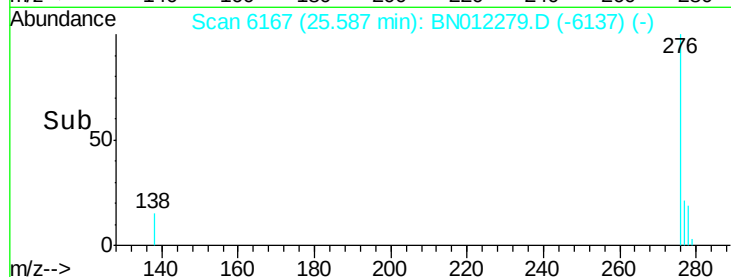
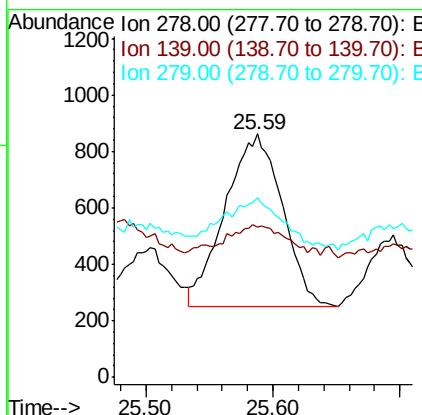
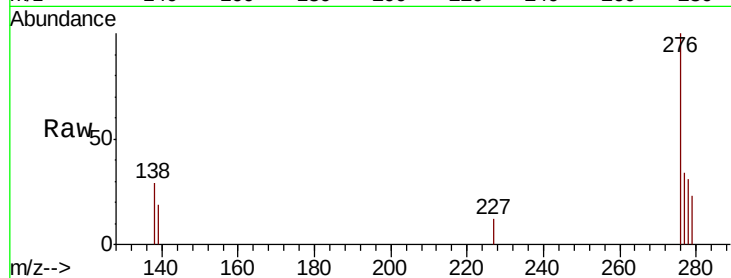




#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1901
Ion Ratio Lower Upper
278 100
139 61.8 15.7 23.5#
279 73.5 26.0 39.0#



#26
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.25 min Scan# 6365
Delta R.T. 0.02 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion:276 Resp: 6344
Ion Ratio Lower Upper
276 100
138 30.9 17.1 25.7#
277 36.6 21.1 31.7#

