

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012256.D
 Acq On : 16 Oct 2020 06:39
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 07:24:30 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 06:21:01 2020
 Response via : Initial Calibration

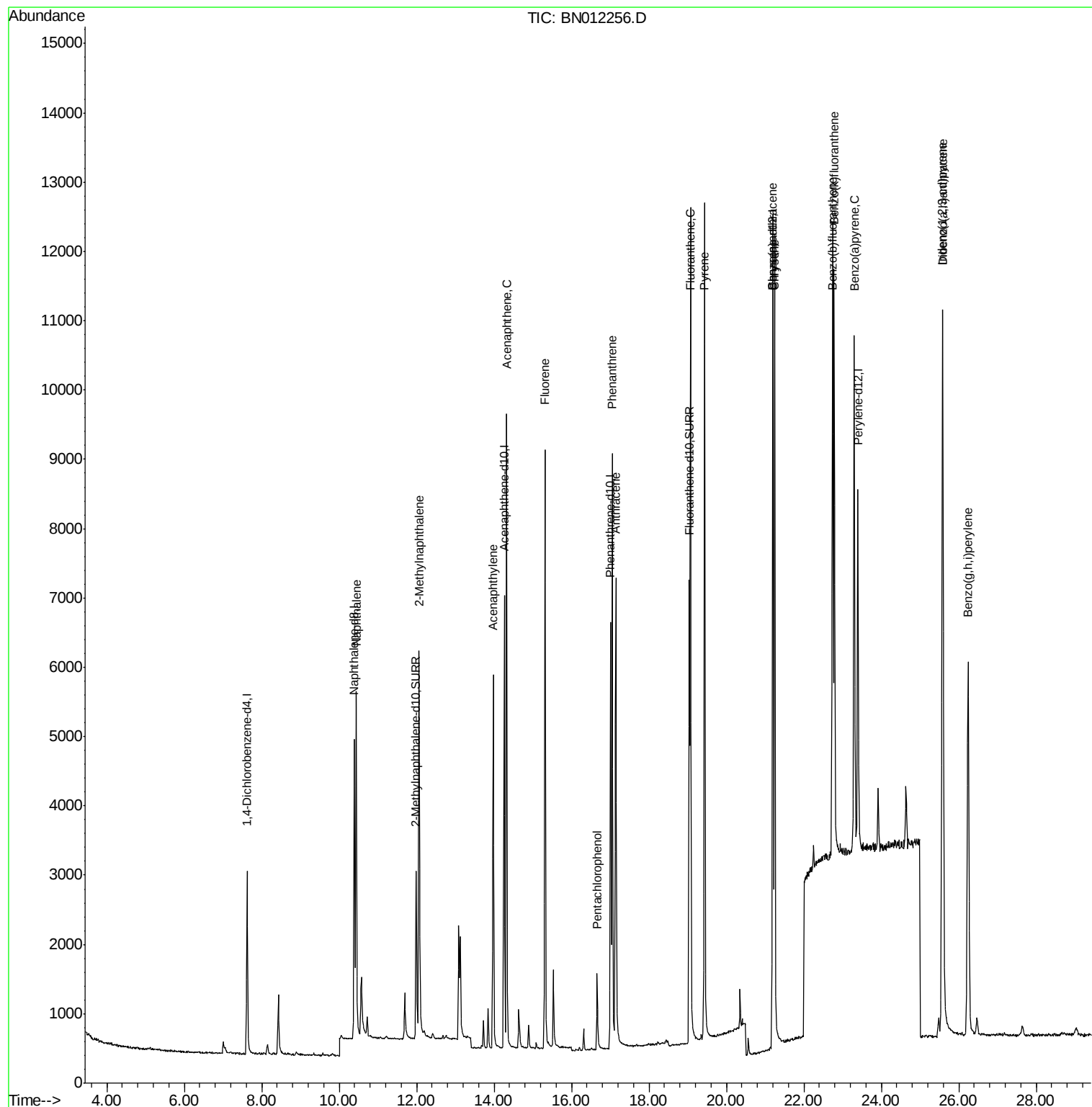
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1506	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3698	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7722	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6498	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3924	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	7908	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	7276	0.393	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	4793	0.408	ng/ul	100
7) Acenaphthylene	13.98	152	6591	0.411	ng/ul	98
8) Acenaphthene	14.32	153	5344	0.394	ng/ul	99
9) Fluorene	15.31	166	5987	0.397	ng/ul	100
11) Pentachlorophenol	16.66	266	873	0.391	ng/ul	98
12) Phenanthrene	17.05	178	9541	0.388	ng/ul	99
13) Anthracene	17.14	178	8500	0.403	ng/ul	98
15) Fluoranthene	19.07	202	10847	0.377	ng/ul	99
17) Pyrene	19.44	202	11184	0.382	ng/ul	100
18) Benzo(a)anthracene	21.19	228	9490	0.394	ng/ul	99
19) Chrysene	21.24	228	10961	0.374	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	10689	0.399	ng/ul	95
22) Benzo(k)fluoranthene	22.78	252	11279	0.380	ng/ul	95
23) Benzo(a)pyrene	23.30	252	10136	0.389	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	12930	0.386	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	10502	0.392	ng/ul	95
26) Benzo(g,h,i)perylene	26.24	276	11410	0.372	ng/ul	99

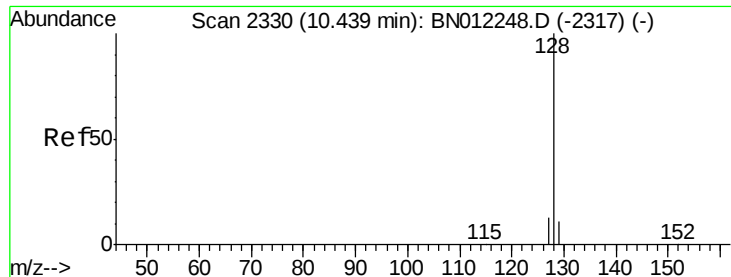
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampled :

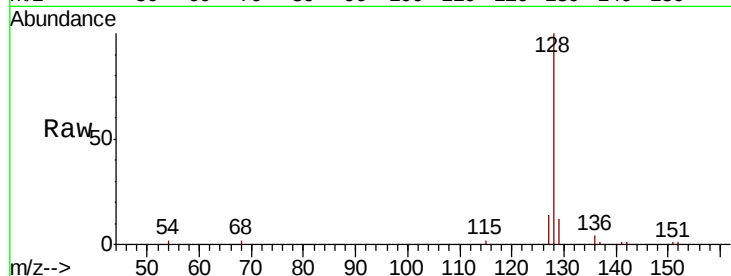
Tot Ion:128 Resp: 7276

Ion Ratio Lower Upper

128 100

129 12.0 10.3 15.5

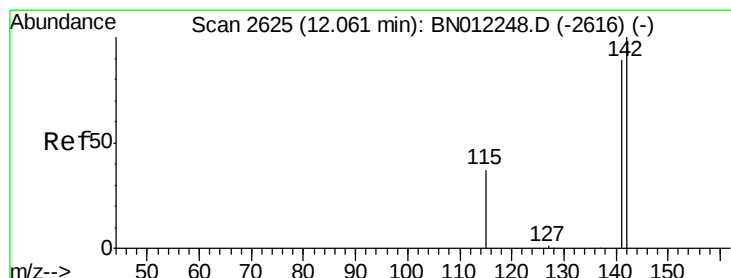
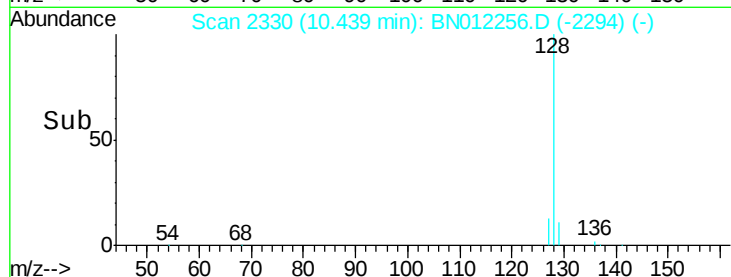
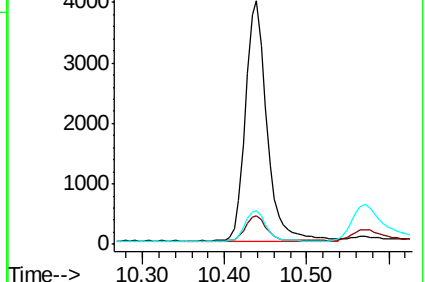
127 14.0 11.9 17.9



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



#5

2-Methylnaphthalene

Concen: 0.408 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BN012256.D

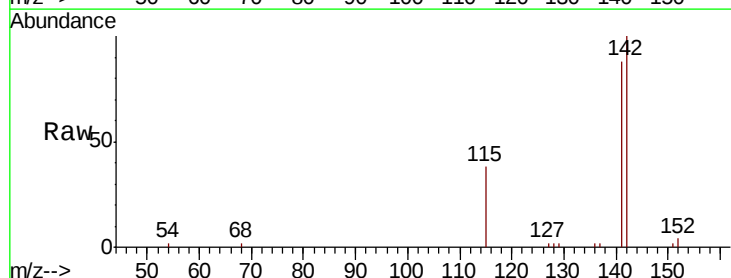
Acq: 16 Oct 2020 06:39

Tgt Ion:142 Resp: 4793

Ion Ratio Lower Upper

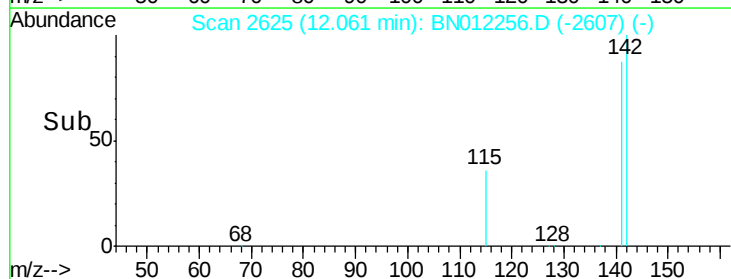
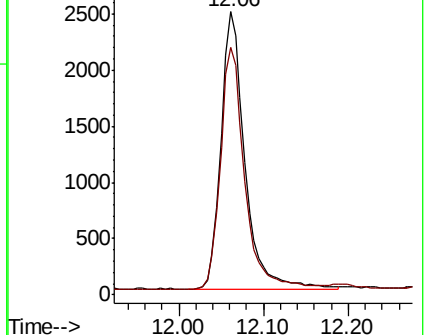
142 100

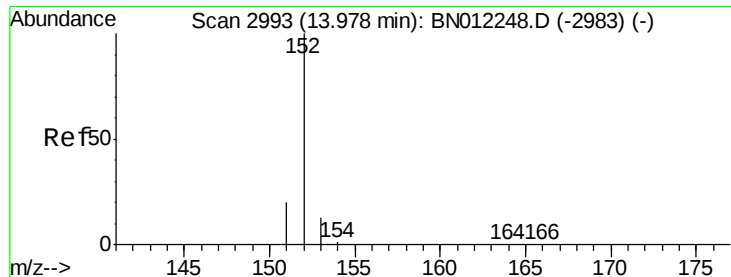
141 89.2 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.411 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

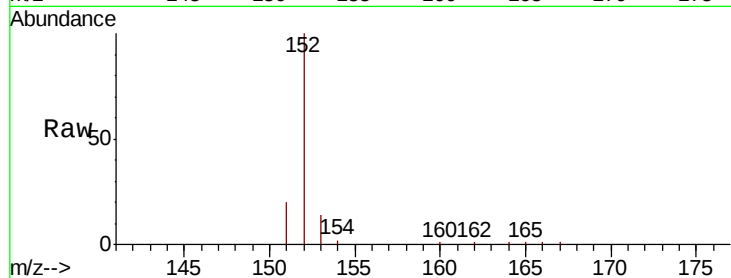
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 6591

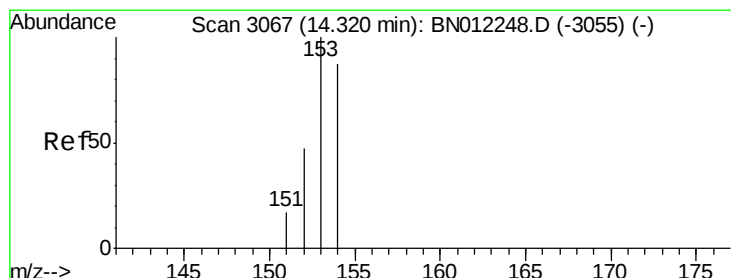
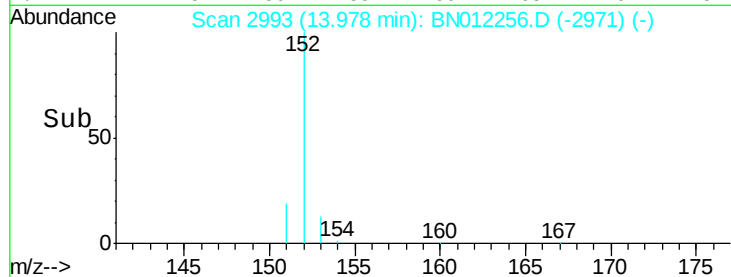
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	14.1	11.8	17.8



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: 0.394 ng/ul

RT: 14.32 min Scan# 3067

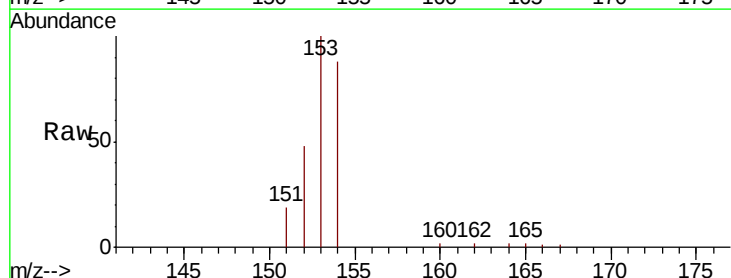
Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Tgt Ion:153 Resp: 5344

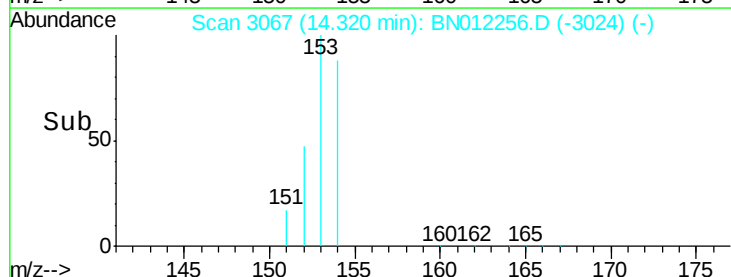
Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.2	57.2
154	87.8	71.1	106.7

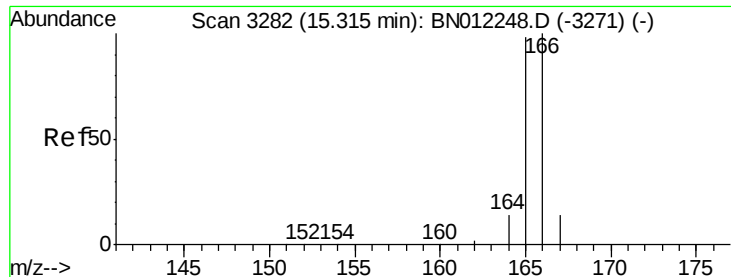


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampled :

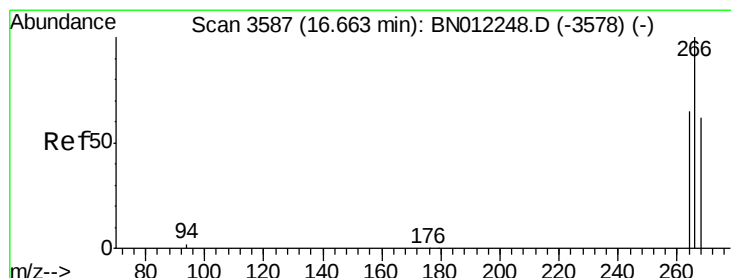
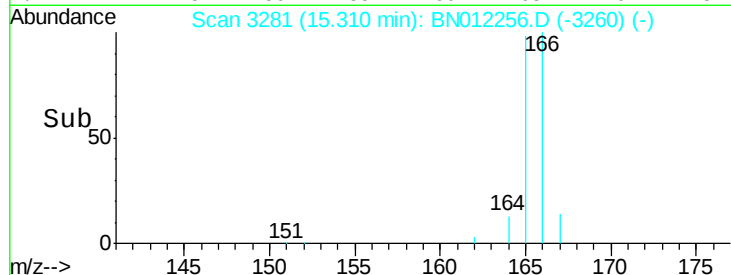
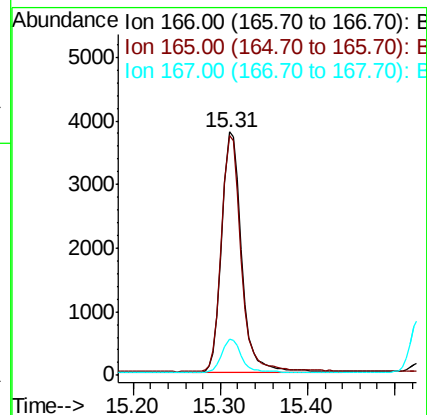
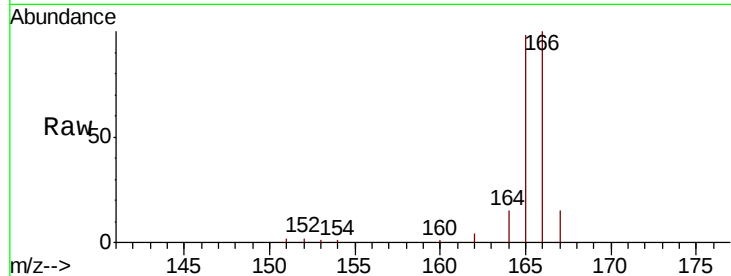
Tot Ion:166 Resp: 5987

Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

167 14.9 11.9 17.9



#11

Pentachlorophenol

Concen: 0.391 ng/ul

RT: 16.66 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

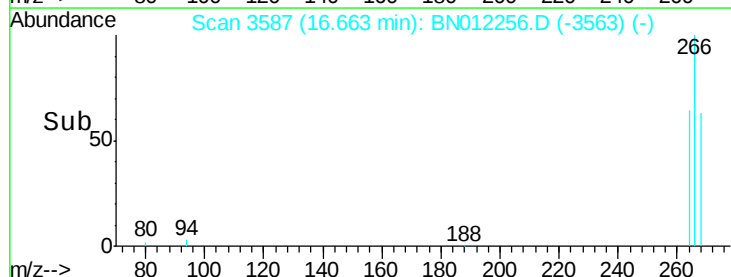
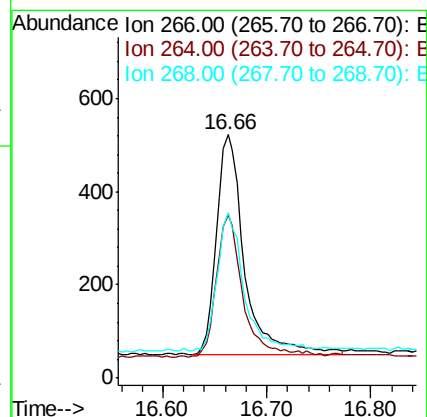
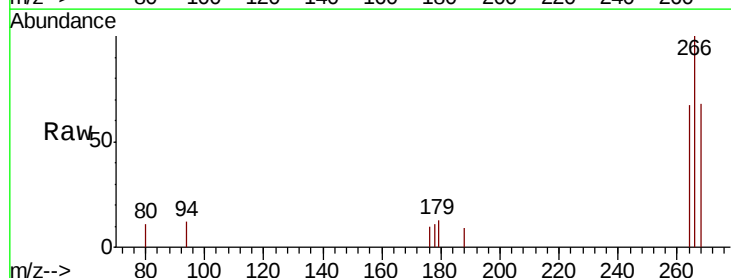
Tgt Ion:266 Resp: 873

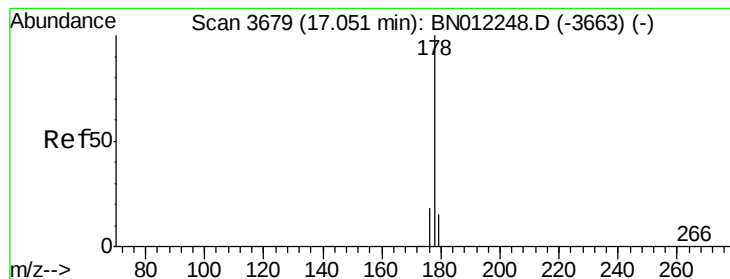
Ion Ratio Lower Upper

266 100

264 62.4 50.3 75.5

268 62.7 52.4 78.6





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampleId :

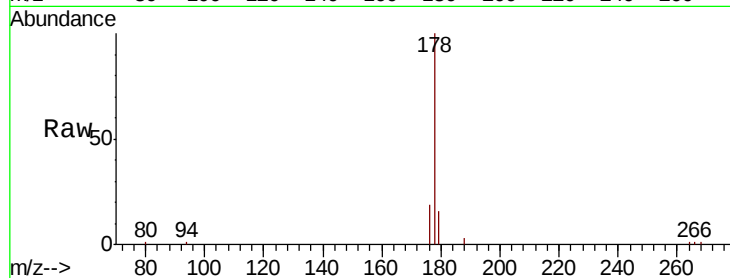
Tot Ion:178 Resp: 9541

Ion Ratio Lower Upper

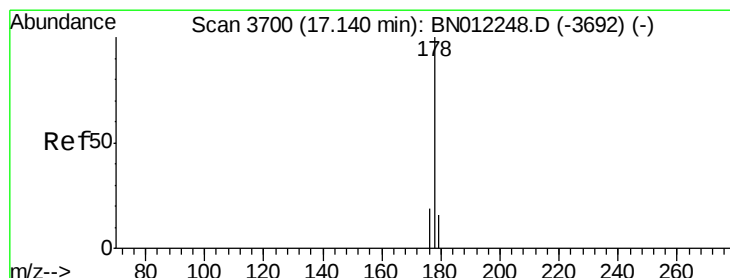
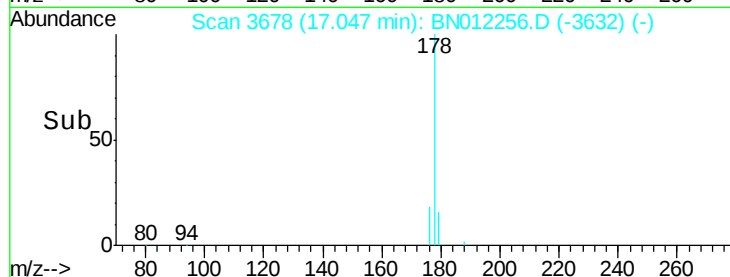
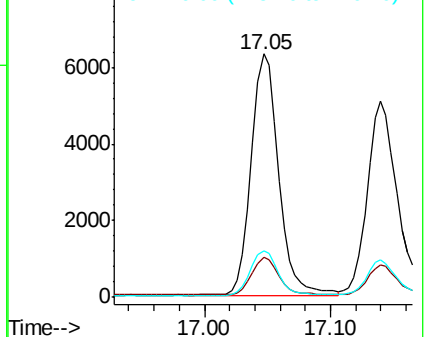
178 100

179 16.5 13.4 20.2

176 19.2 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: 0.403 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

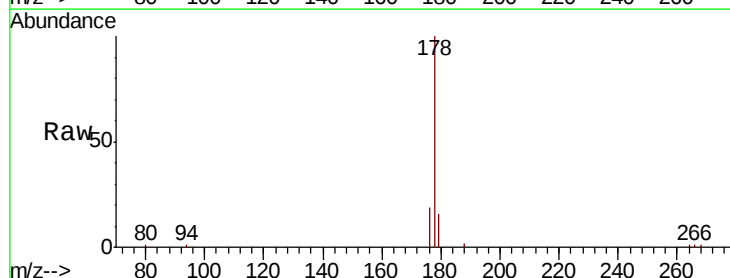
Tgt Ion:178 Resp: 8500

Ion Ratio Lower Upper

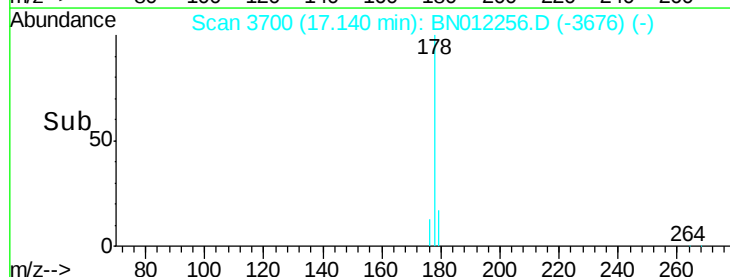
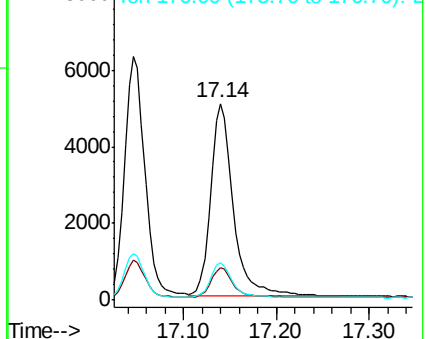
178 100

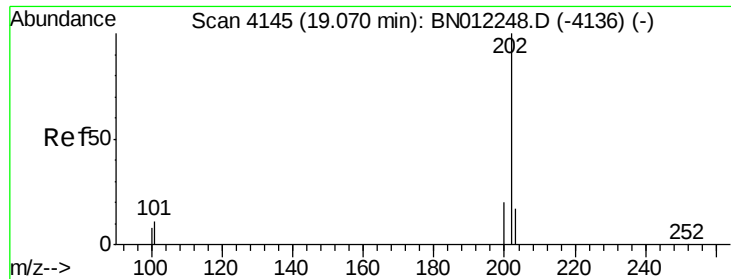
179 16.2 13.9 20.9

176 18.9 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

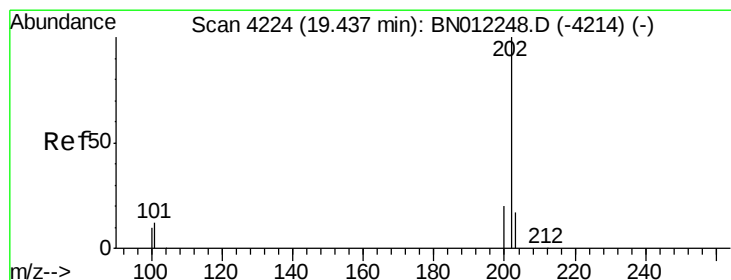
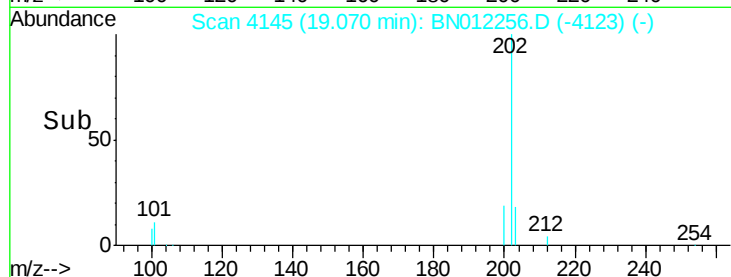
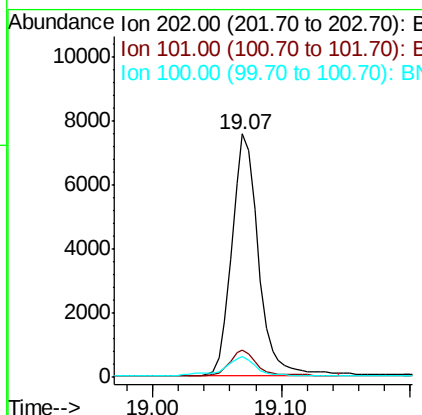
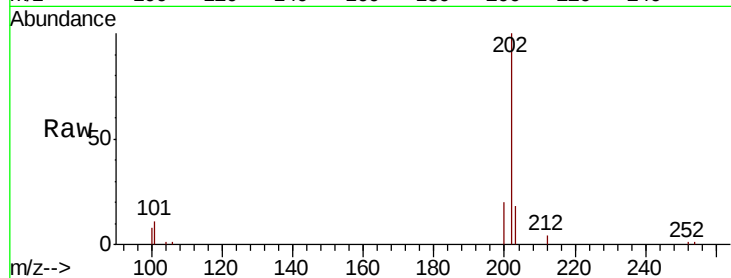




#15
Fluoranthene
 Concen: 0.377 ng/ul
 RT: 19.07 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN012256.D
 Acq: 16 Oct 2020 06:39

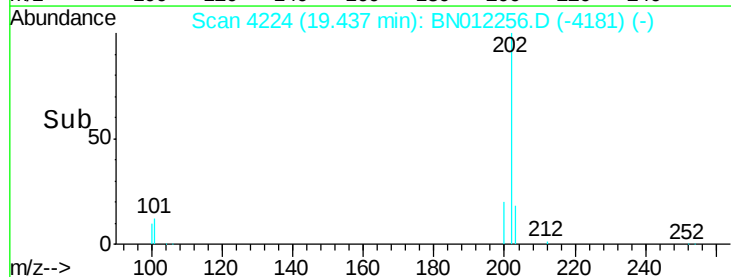
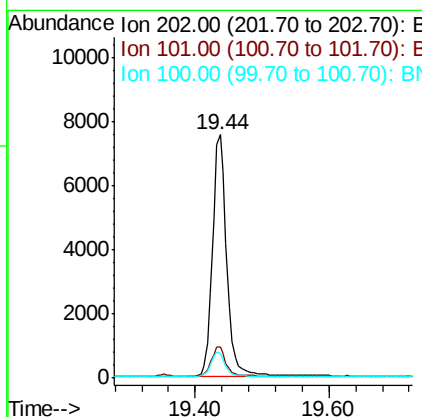
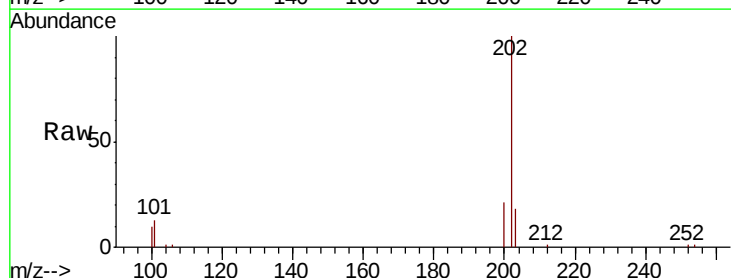
Instrument :
 BNA_N
 ClientSampleId :

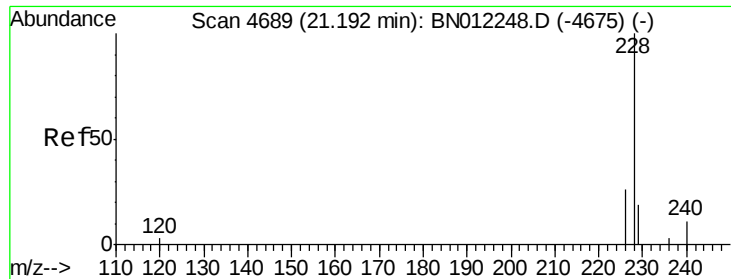
Tot Ion:202 Resp: 10847
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.0
 100 8.3 0.0 28.7



#17
Pyrene
 Concen: 0.382 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN012256.D
 Acq: 16 Oct 2020 06:39

Tgt Ion:202 Resp: 11184
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.9 14.9
 100 10.2 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.394 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampleId :

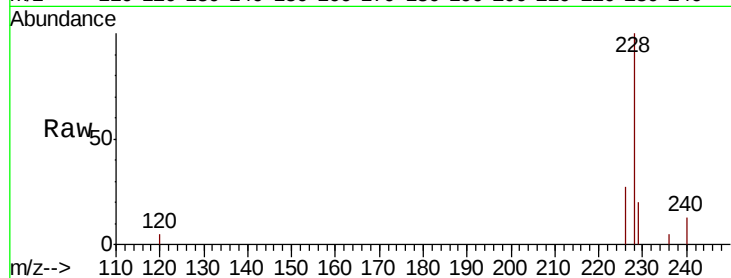
Tot Ion:228 Resp: 9490

Ion Ratio Lower Upper

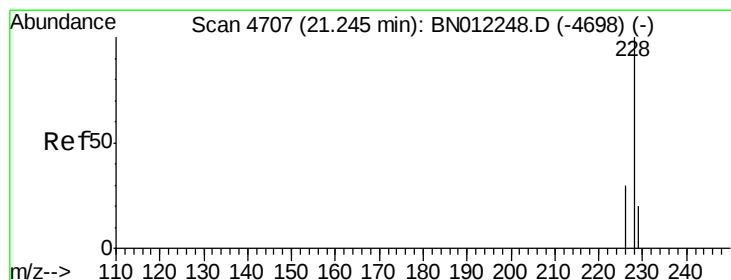
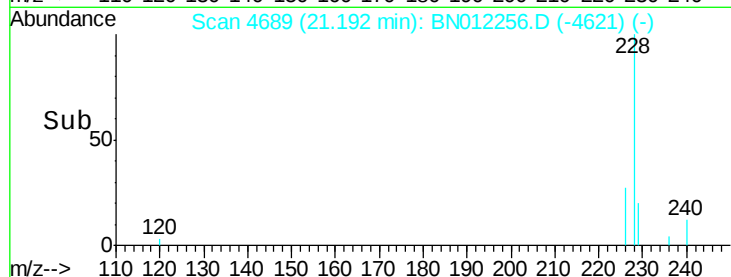
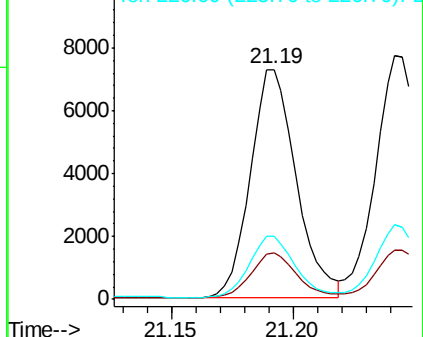
228 100

229 20.3 15.8 23.8

226 27.5 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: 0.374 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

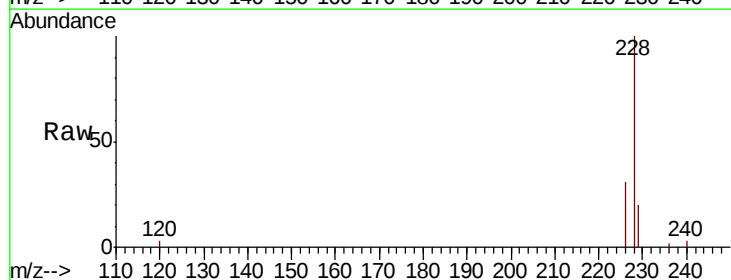
Tgt Ion:228 Resp: 10961

Ion Ratio Lower Upper

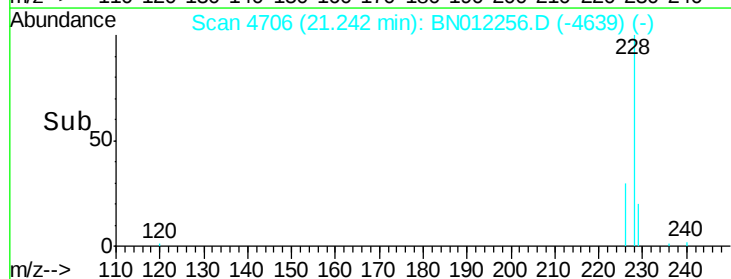
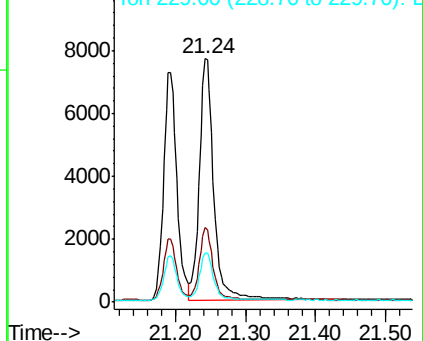
228 100

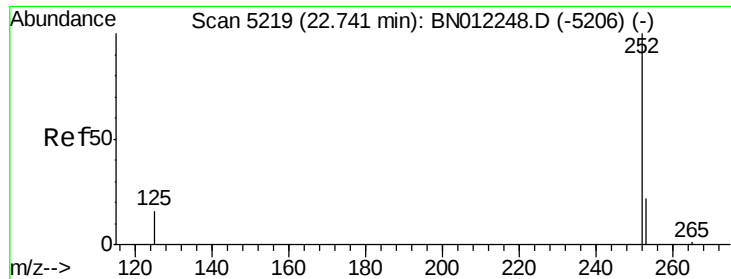
226 30.7 24.6 37.0

229 20.3 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: 0.399 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampleId :

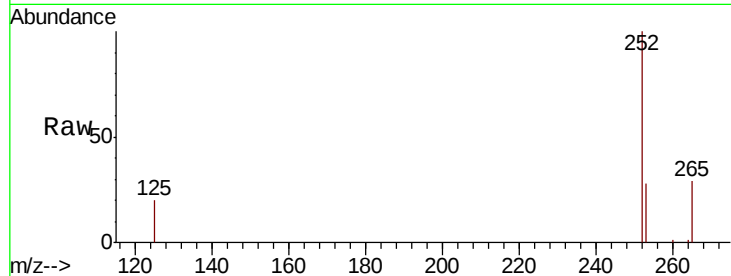
Tot Ion:252 Resp: 10689

Ion Ratio Lower Upper

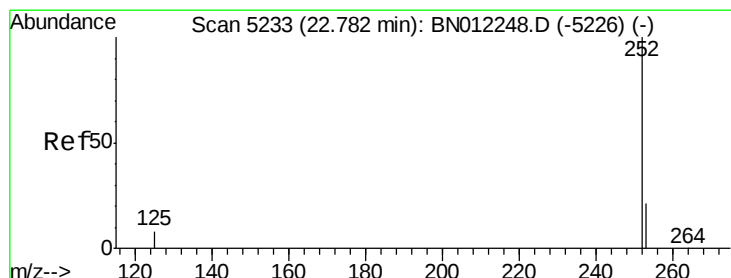
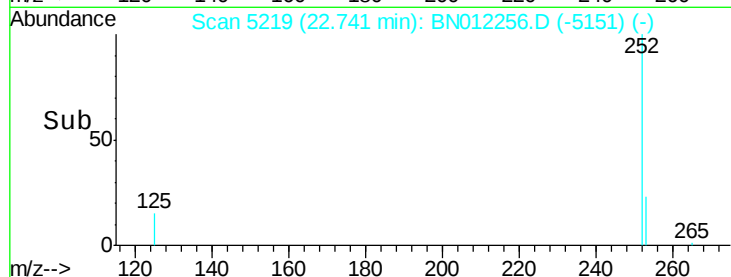
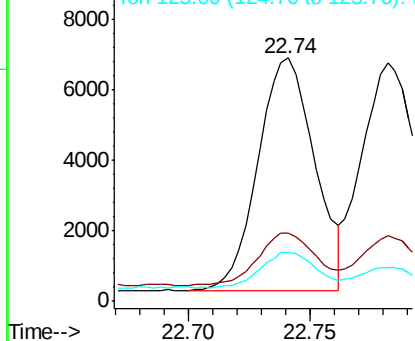
252 100

253 28.3 0.0 61.6

125 20.3 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: 0.380 ng/ul

RT: 22.78 min Scan# 5233

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

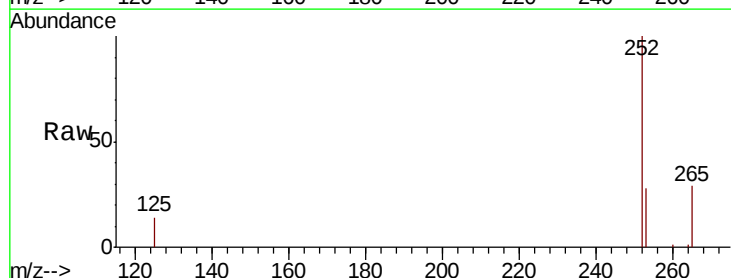
Tgt Ion:252 Resp: 11279

Ion Ratio Lower Upper

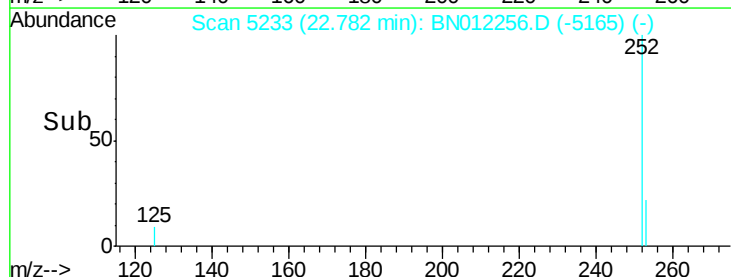
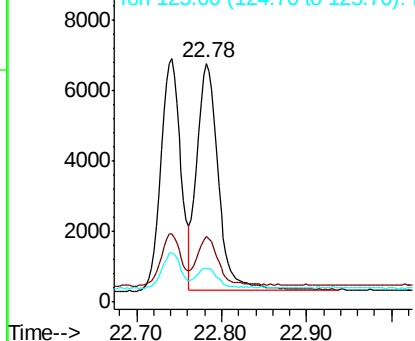
252 100

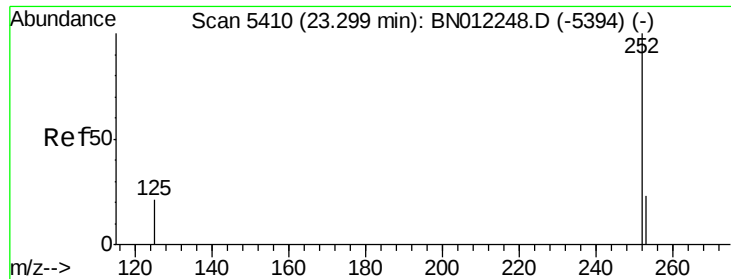
253 27.6 24.4 36.6

125 14.1 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: 0.389 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampleId :

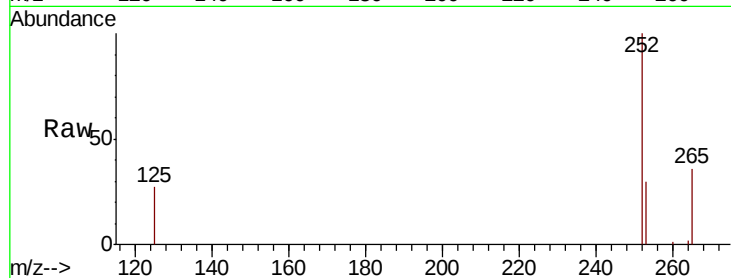
Tot Ion:252 Resp: 10136

Ion Ratio Lower Upper

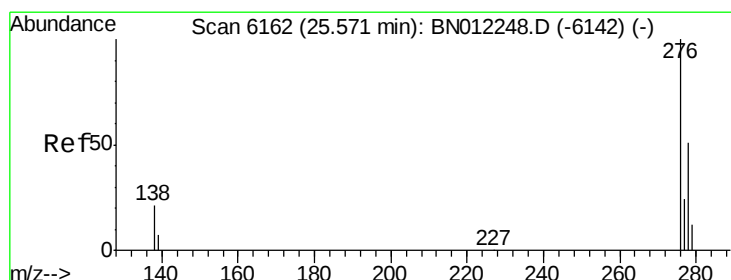
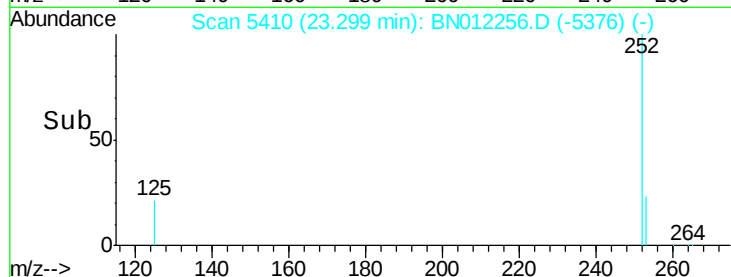
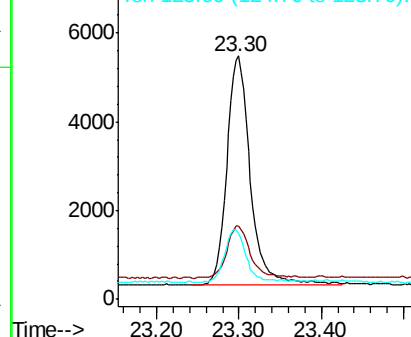
252 100

253 30.3 27.0 40.4

125 27.1 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: 0.386 ng/ul

RT: 25.57 min Scan# 6163

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

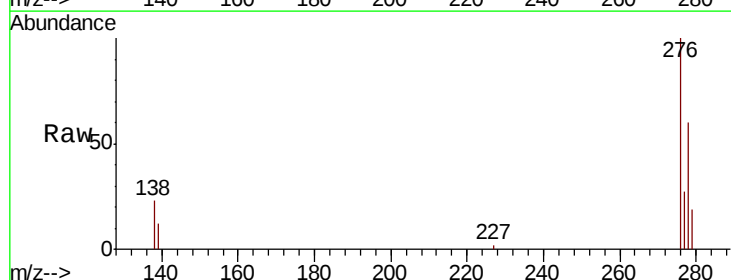
Tgt Ion:276 Resp: 12930

Ion Ratio Lower Upper

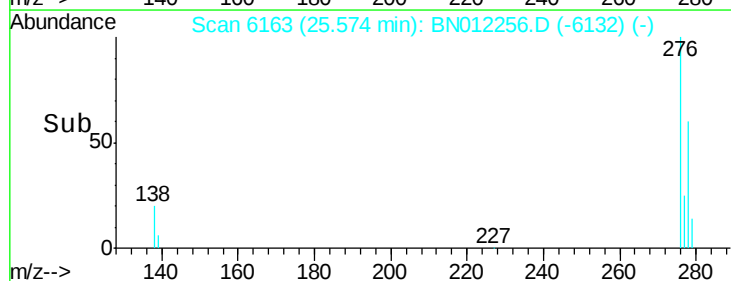
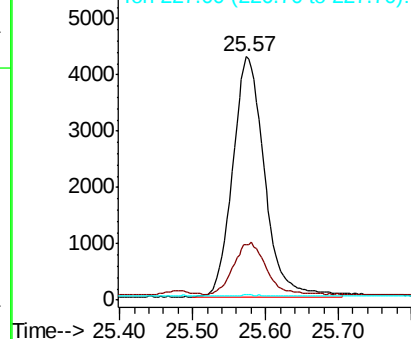
276 100

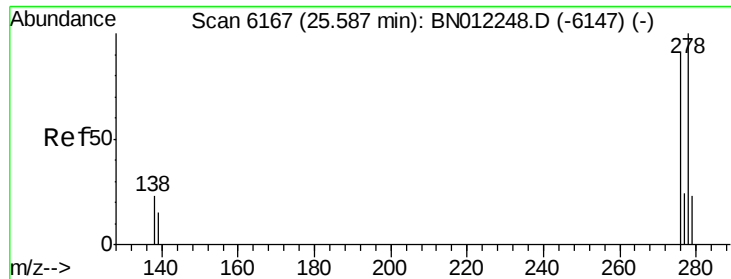
138 21.8 0.0 0.0#

227 0.2 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: 0.392 ng/ul

RT: 25.59 min Scan# 6168

Delta R.T. 0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

Instrument :

BNA_N

ClientSampleId :

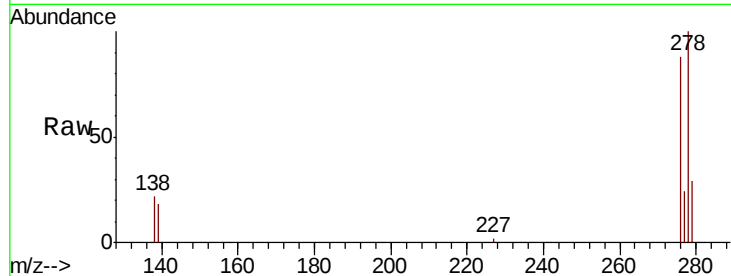
Tot Ion:278 Resp: 10502

Ion Ratio Lower Upper

278 100

139 17.6 15.7 23.5

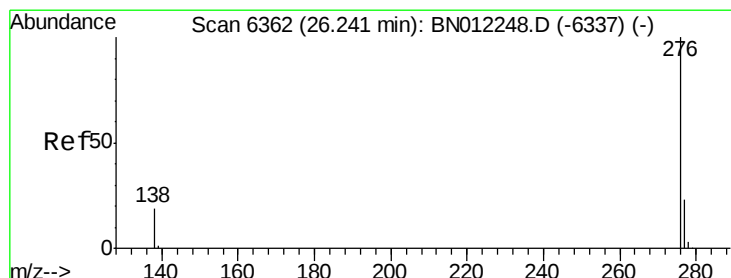
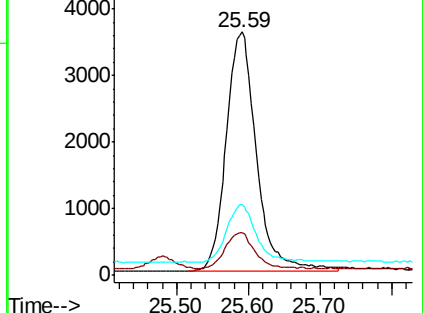
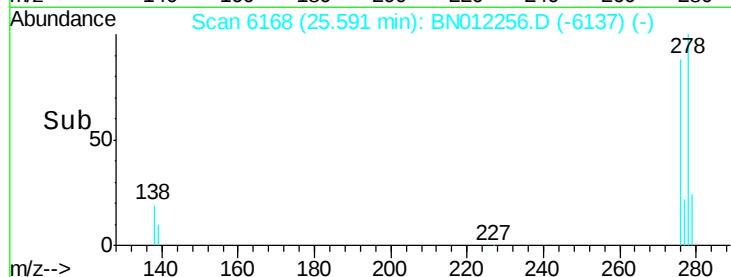
279 29.2 26.0 39.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.372 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.00 min

Lab File: BN012256.D

Acq: 16 Oct 2020 06:39

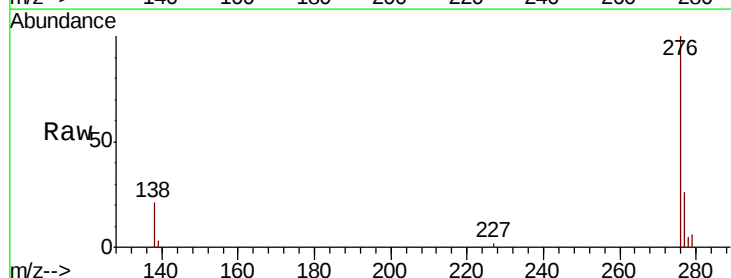
Tgt Ion:276 Resp: 11410

Ion Ratio Lower Upper

276 100

138 20.8 17.1 25.7

277 25.9 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

