

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102120\
 Data File : BN012382.D
 Acq On : 21 Oct 2020 13:54
 Operator : CG/JU
 Sample : L4425-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2P78

Quant Time: Oct 21 14:23:48 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 : Wed Oct 21 12:12:40 2020
 Response via : Initial Calibration

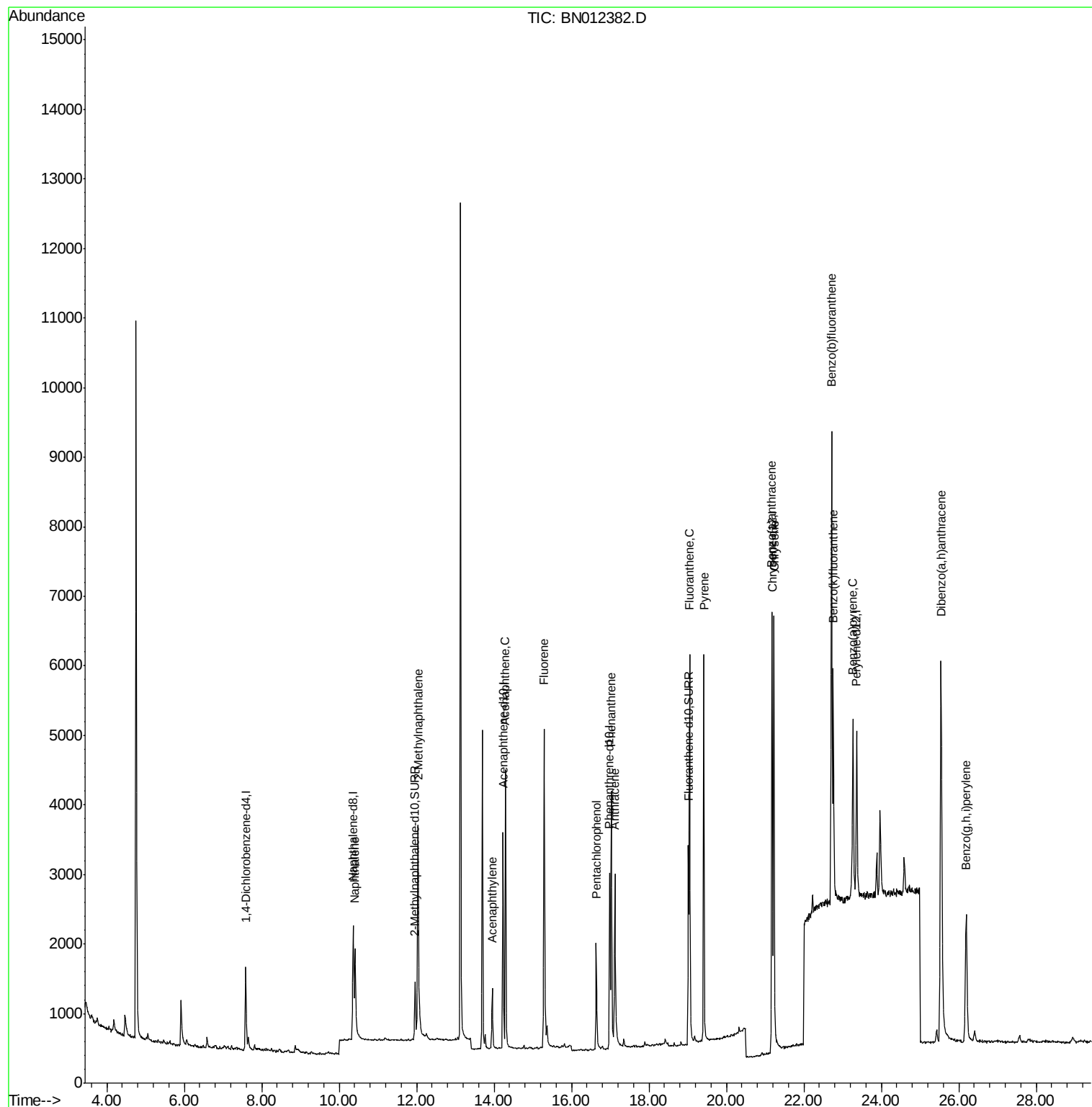
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	726	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	3059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	1813	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	3549	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	3072	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	3165	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1517	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	3364	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	2244	0.254	ng/ul#	91
5) 2-Methylnaphthalene	12.03	142	3164	0.564	ng/ul	99
7) Acenaphthylene	13.95	152	1104	0.140	ng/ul#	86
8) Acenaphthene	14.29	153	2384	0.359	ng/ul	98
9) Fluorene	15.29	166	3832	0.518	ng/ul	99
11) Pentachlorophenol	16.64	266	1182	1.153	ng/ul	100
12) Phenanthrene	17.03	178	4393	0.388	ng/ul	98
13) Anthracene	17.12	178	3599	0.371	ng/ul	98
15) Fluoranthene	19.05	202	5143	0.389	ng/ul	99
17) Pyrene	19.41	202	5111	0.369	ng/ul	99
18) Benzo(a)anthracene	21.17	228	5235	0.460	ng/ul	98
19) Chrysene	21.22	228	6339	0.457	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	8218	0.643	ng/ul	97
22) Benzo(k)fluoranthene	22.76	252	4494	0.318	ng/ul#	82
23) Benzo(a)pyrene	23.27	252	3389	0.273	ng/ul#	69
25) Dibenzo(a,h)anthracene	25.54	278	9253	0.724	ng/ul	97
26) Benzo(a,h,i)perylene	26.19	276	4075	0.278	ng/ul	96

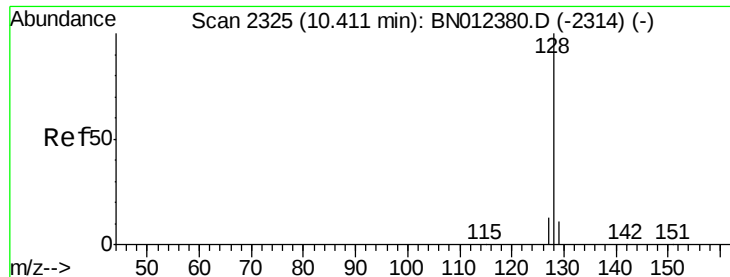
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.254 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

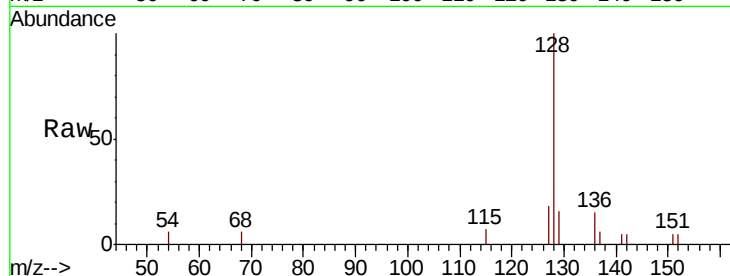
Tot Ion:128 Resp: 2244

Ion Ratio Lower Upper

128 100

129 15.9 9.8 14.6#

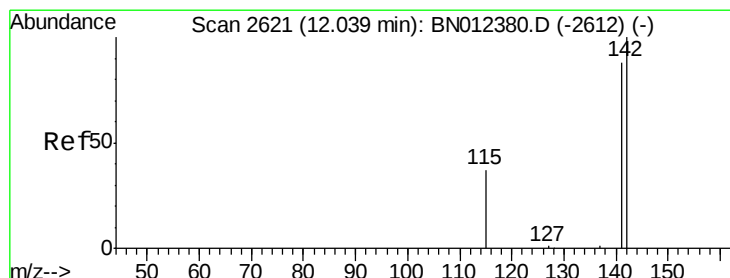
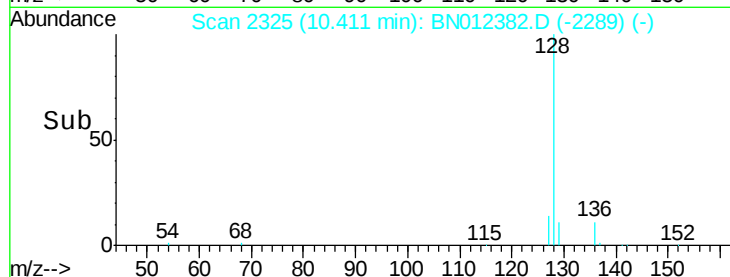
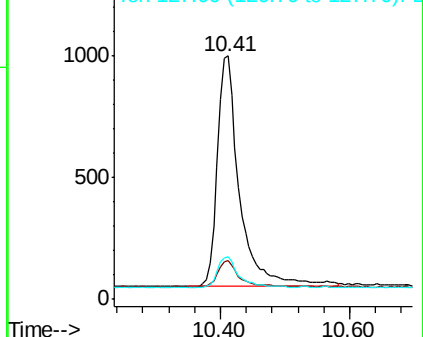
127 17.5 11.4 17.2#



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: 0.564 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BN012382.D

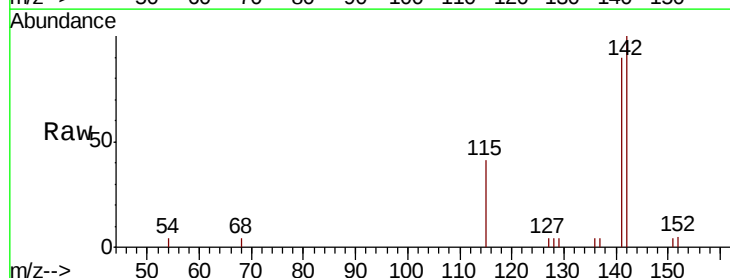
Acq: 21 Oct 2020 13:54

Tgt Ion:142 Resp: 3164

Ion Ratio Lower Upper

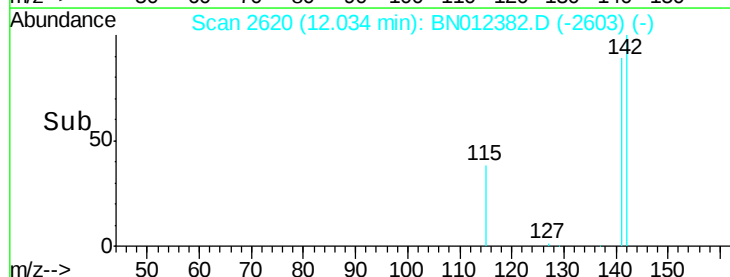
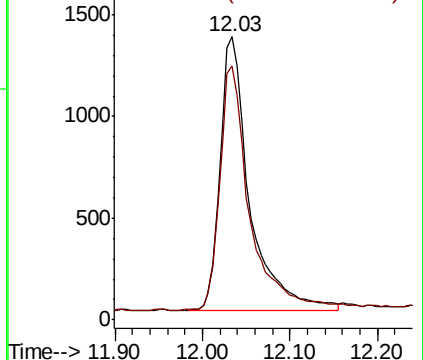
142 100

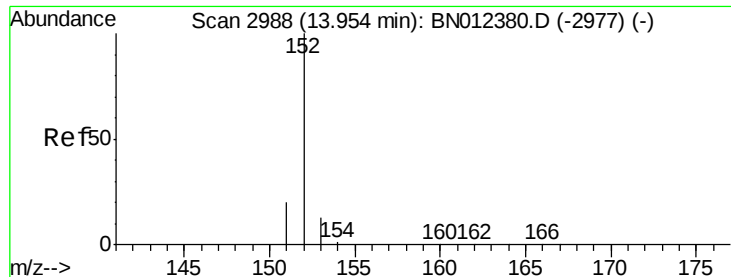
141 89.8 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.140 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

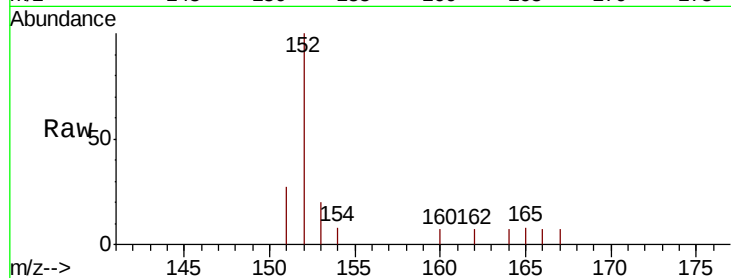
Tot Ion:152 Resp: 1104

Ion Ratio Lower Upper

152 100

151 27.1 16.6 24.8#

153 19.6 11.4 17.0#



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

13.95

800

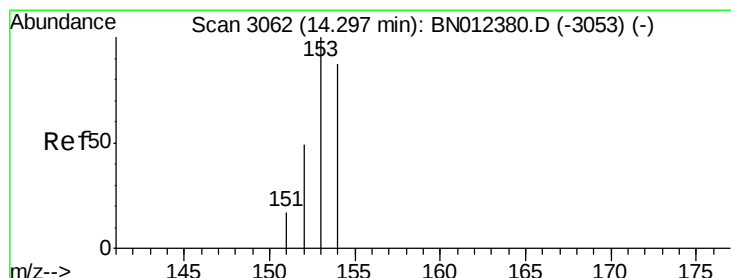
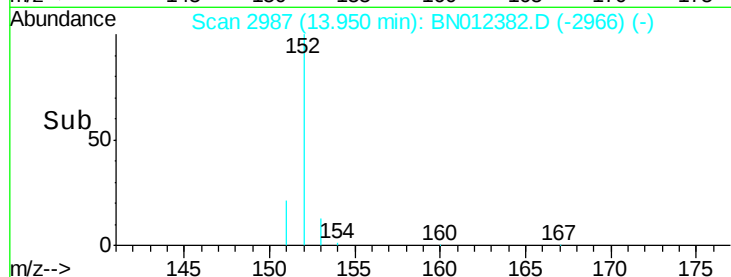
600

400

200

0

Time-->



#8

Acenaphthene

Concen: 0.359 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

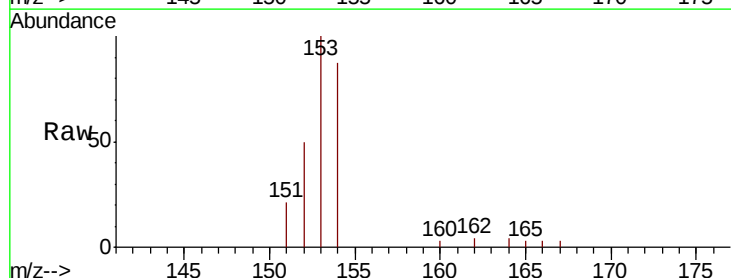
Tgt Ion:153 Resp: 2384

Ion Ratio Lower Upper

153 100

152 49.8 38.5 57.7

154 86.8 70.7 106.1



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

14.29

2000

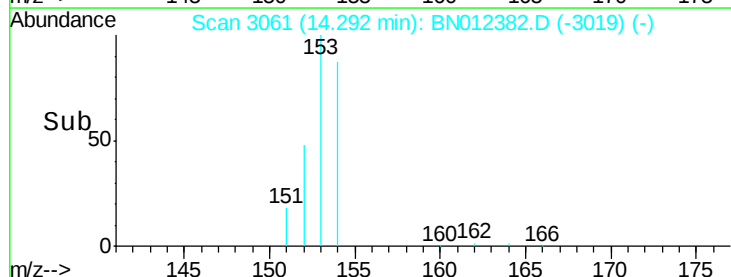
1500

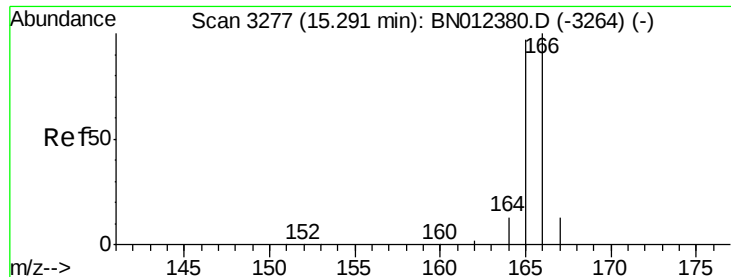
1000

500

0

Time-->





#9

Fluorene

Concen: 0.518 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

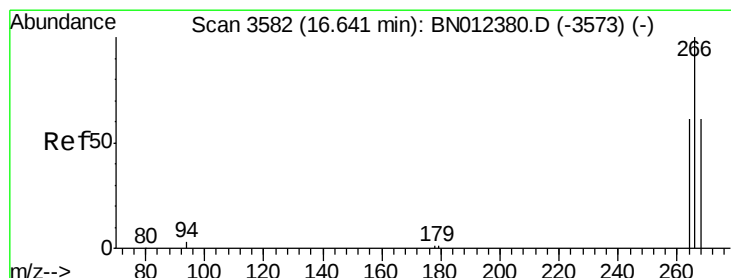
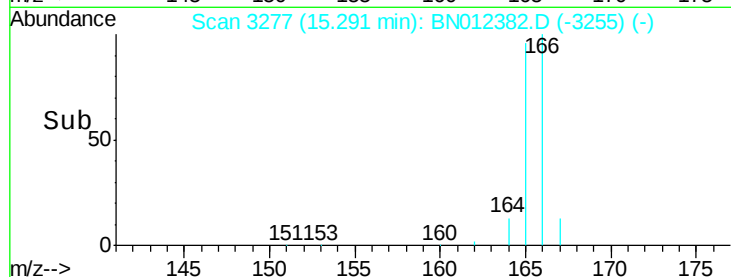
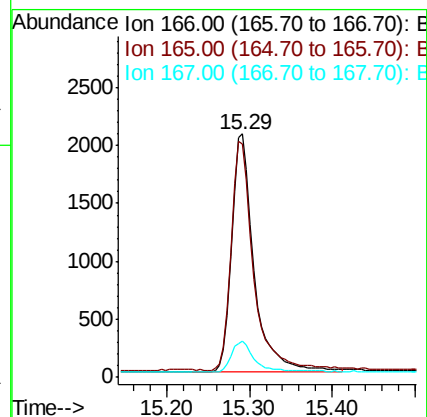
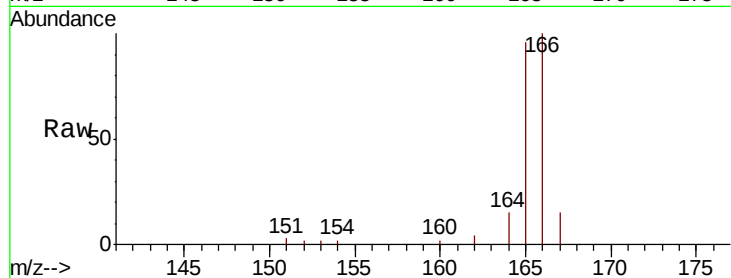
Tot Ion:166 Resp: 3832

Ion Ratio Lower Upper

166 100

165 96.0 76.3 114.5

167 15.1 12.0 18.0



#11

Pentachlorophenol

Concen: 1.153 ng/ul

RT: 16.64 min Scan# 3581

Delta R.T. -0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

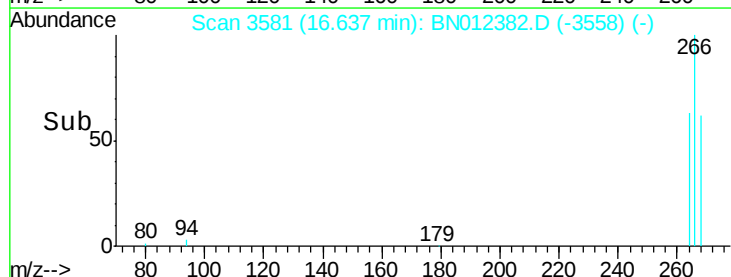
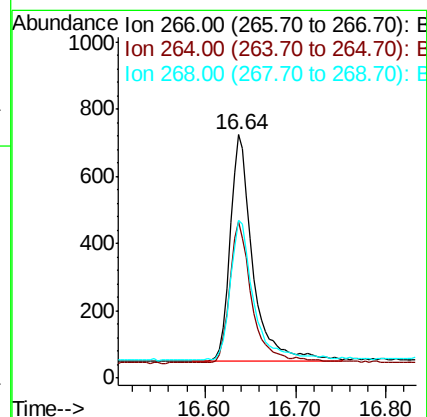
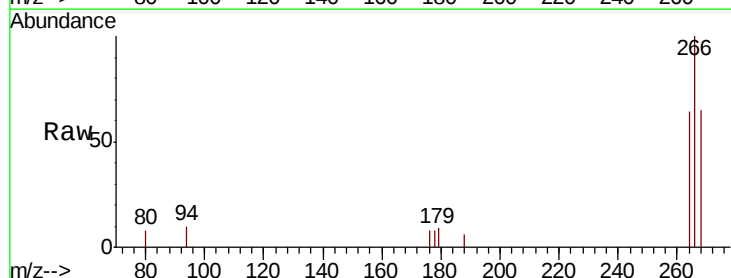
Tgt Ion:266 Resp: 1182

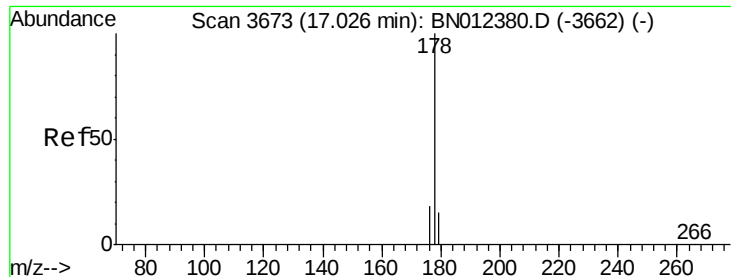
Ion Ratio Lower Upper

266 100

264 61.8 49.5 74.3

268 63.0 50.5 75.7





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

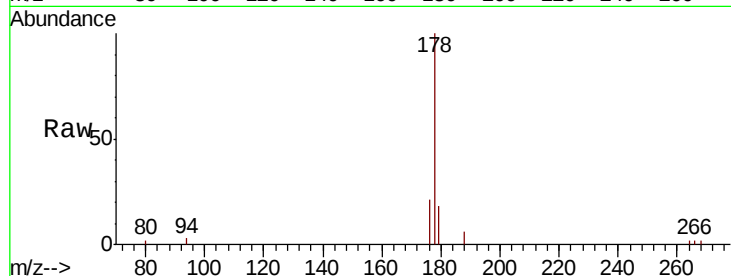
Tot Ion:178 Resp: 4393

Ion Ratio Lower Upper

178 100

179 17.6 13.1 19.7

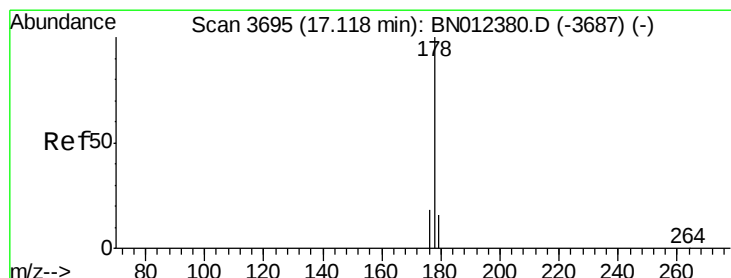
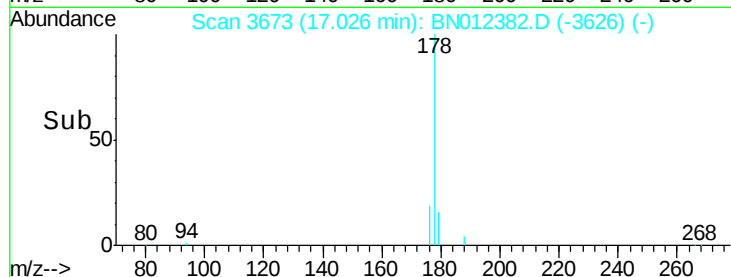
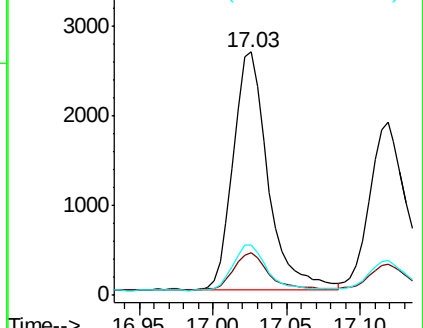
176 20.6 15.8 23.8



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: 0.371 ng/ul

RT: 17.12 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

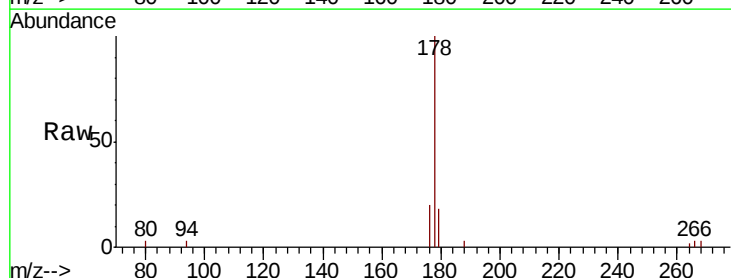
Tgt Ion:178 Resp: 3599

Ion Ratio Lower Upper

178 100

179 18.2 13.1 19.7

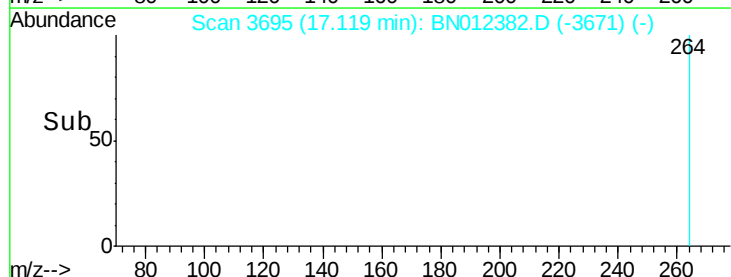
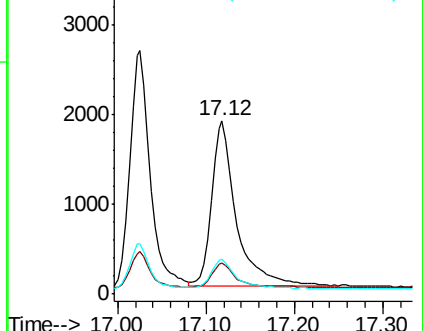
176 19.8 15.4 23.2

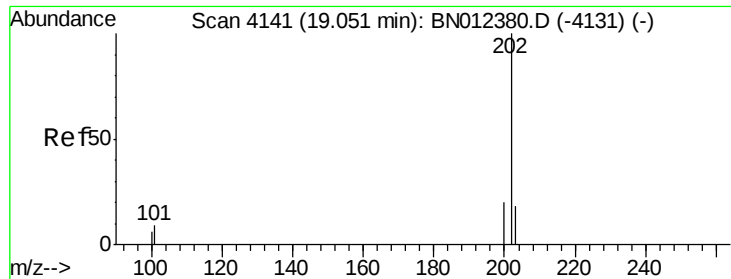


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.389 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

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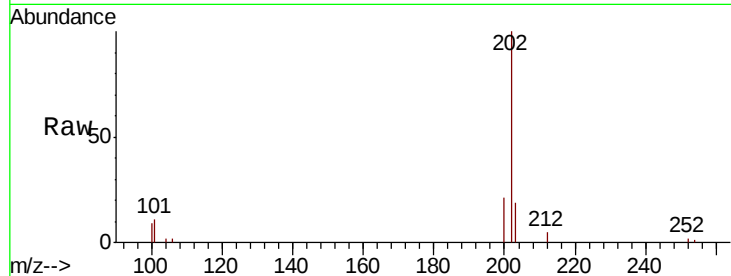
Tot Ion:202 Resp: 5143

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

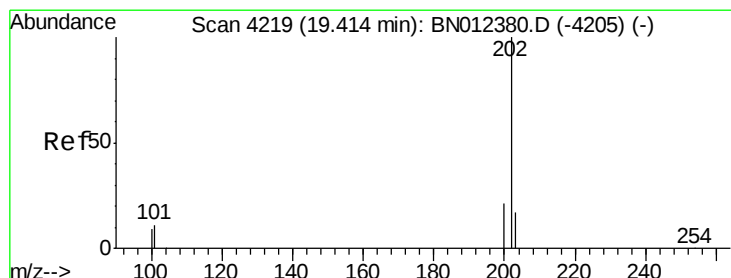
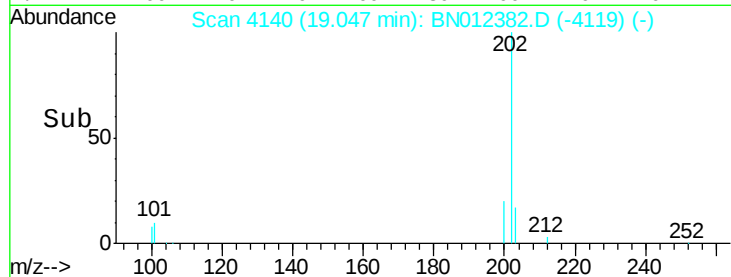
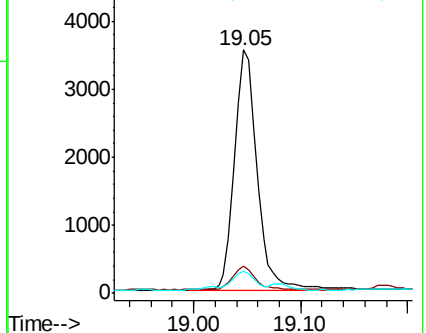
100 9.2 0.0 28.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.369 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

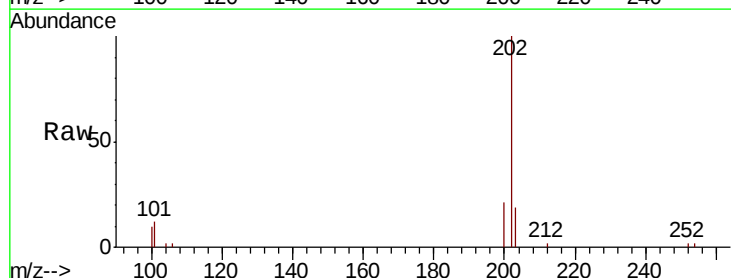
Tgt Ion:202 Resp: 5111

Ion Ratio Lower Upper

202 100

101 12.3 9.6 14.4

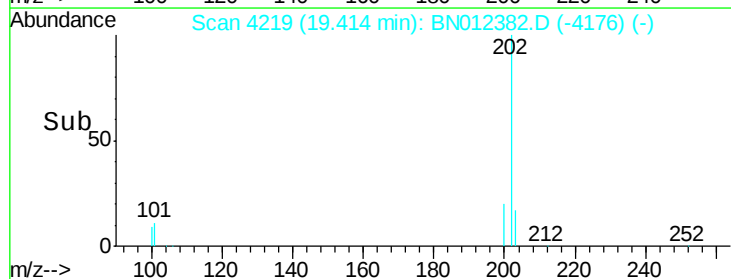
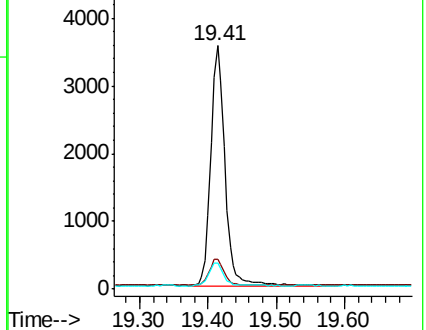
100 10.5 7.8 11.8

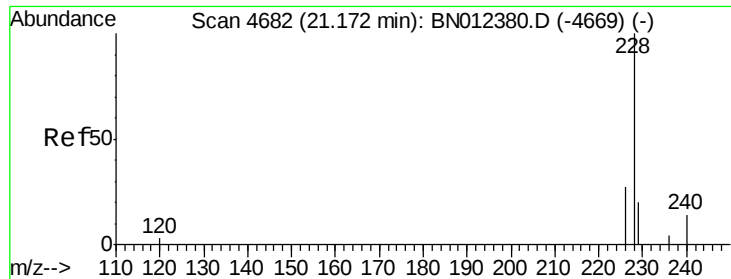


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.460 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

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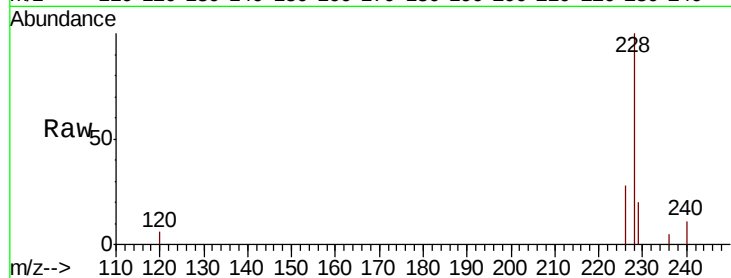
Tot Ion:228 Resp: 5235

Ion Ratio Lower Upper

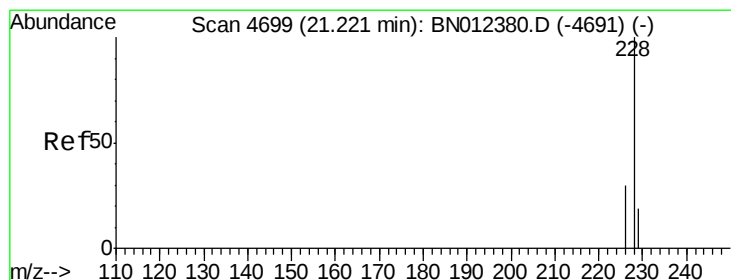
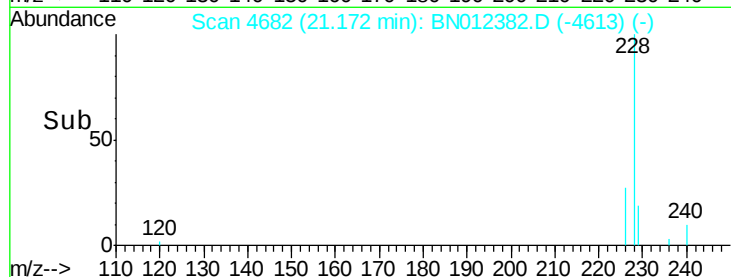
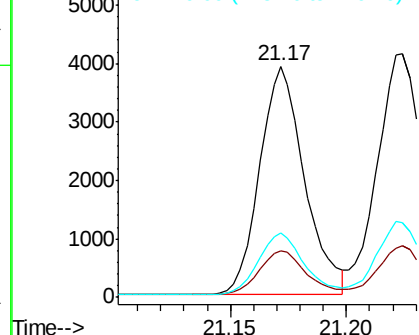
228 100

229 20.3 16.2 24.4

226 28.1 21.2 31.8



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: 0.457 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

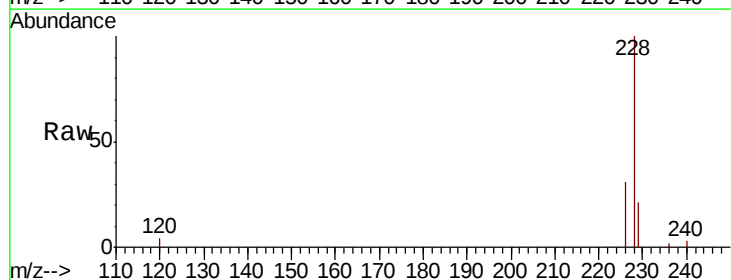
Tgt Ion:228 Resp: 6339

Ion Ratio Lower Upper

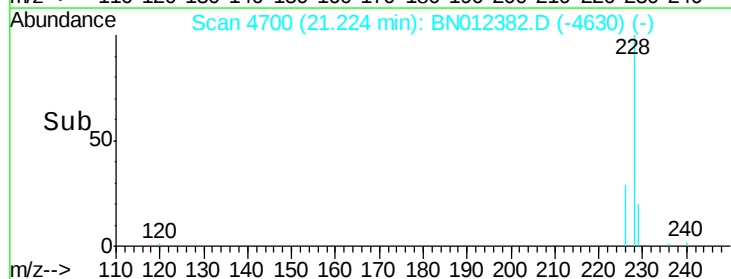
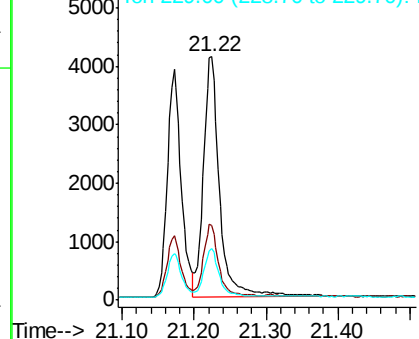
228 100

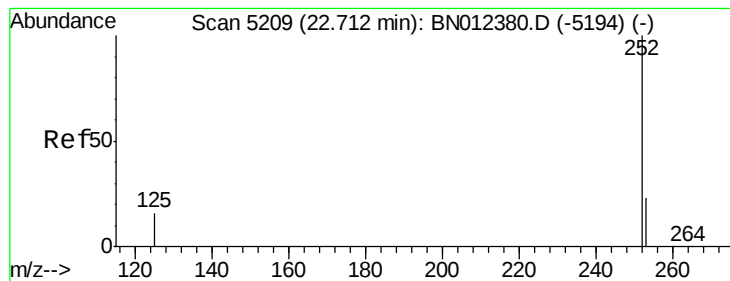
226 30.5 23.8 35.6

229 21.0 15.8 23.8



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: 0.643 ng/u1

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

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X2P78

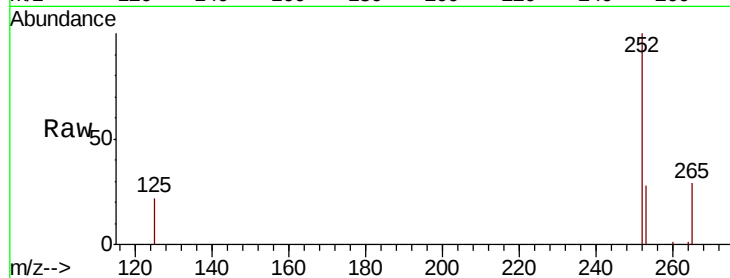
Tot Ion:252 Resp: 8218

Ion Ratio Lower Upper

252 100

253 27.9 0.0 56.4

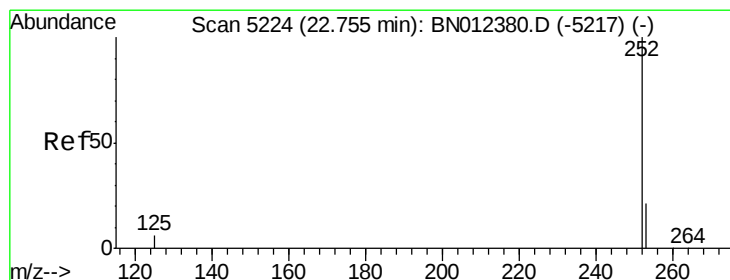
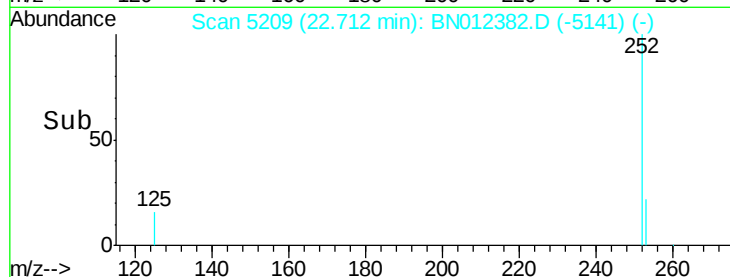
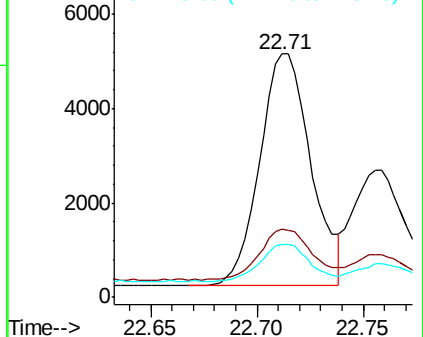
125 21.9 0.0 37.8



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: 0.318 ng/u1

RT: 22.76 min Scan# 5224

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

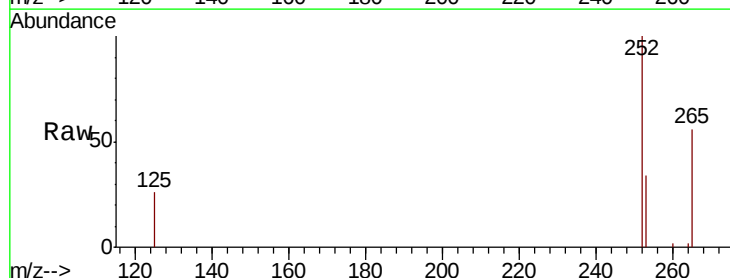
Tgt Ion:252 Resp: 4494

Ion Ratio Lower Upper

252 100

253 33.7 22.2 33.4#

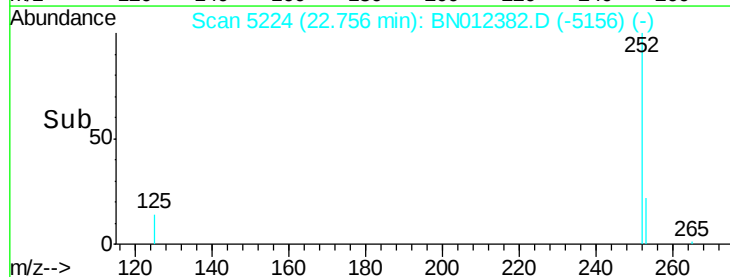
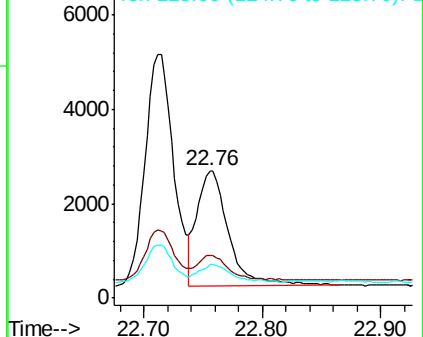
125 26.0 11.0 16.4#

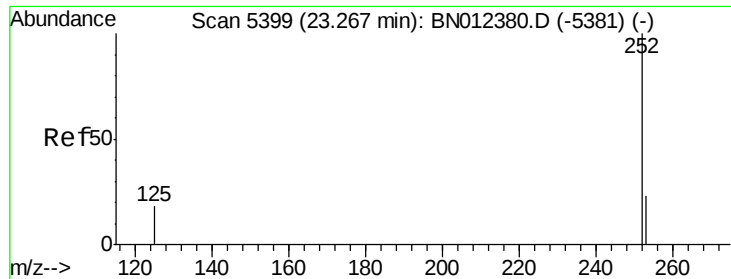


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.273 ng/ul

RT: 23.27 min Scan# 5399

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

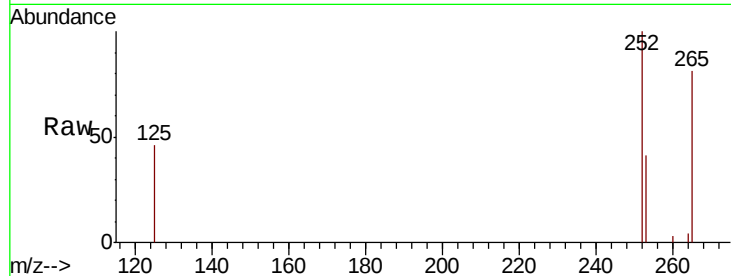
Tot Ion:252 Resp: 3389

Ion Ratio Lower Upper

252 100

253 41.0 23.8 35.6#

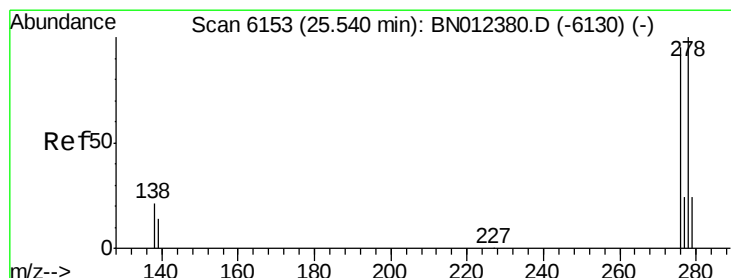
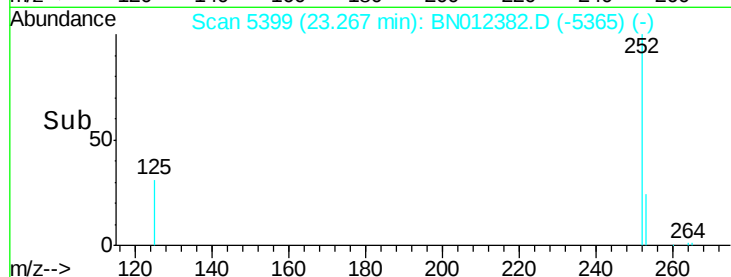
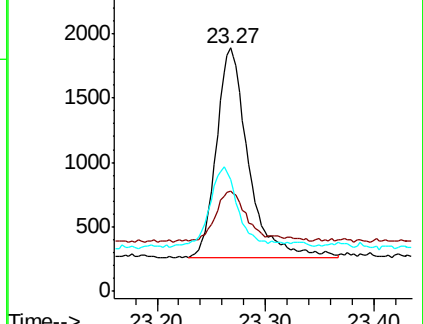
125 45.7 19.3 28.9#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.724 ng/ul

RT: 25.54 min Scan# 6153

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

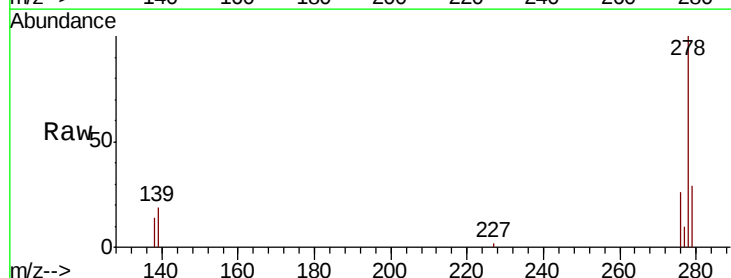
Tgt Ion:278 Resp: 9253

Ion Ratio Lower Upper

278 100

139 19.0 13.8 20.8

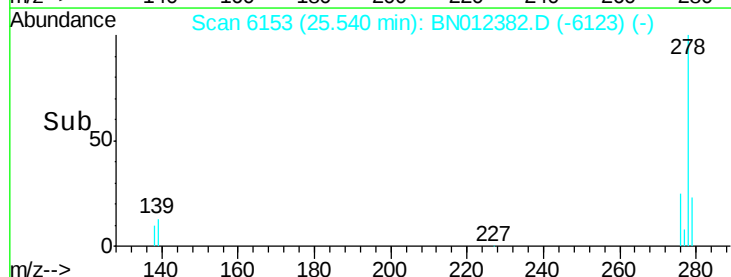
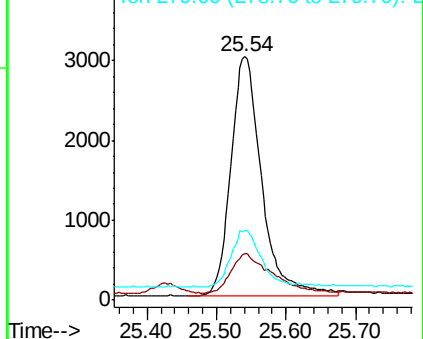
279 28.6 23.8 35.8

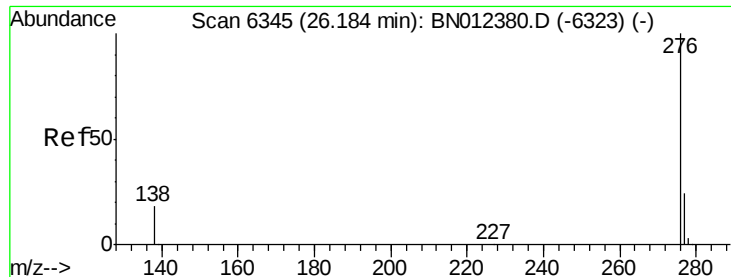


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.278 ng/ul

RT: 26.19 min Scan# 6346

Delta R.T. 0.00 min

Lab File: BN012382.D

Acq: 21 Oct 2020 13:54

Instrument :

BNA_N

ClientSampleId :

X2P78

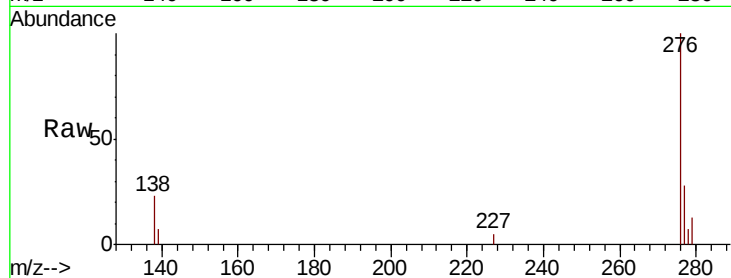
Tot Ion: 276 Resp: 4075

Ion Ratio Lower Upper

276 100

138 22.6 16.6 24.8

277 27.8 20.7 31.1



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

