

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012211.D
 Acq On : 15 Oct 2020 01:08
 Operator : CG/JU
 Sample : L4166-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 01:51:01 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 : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

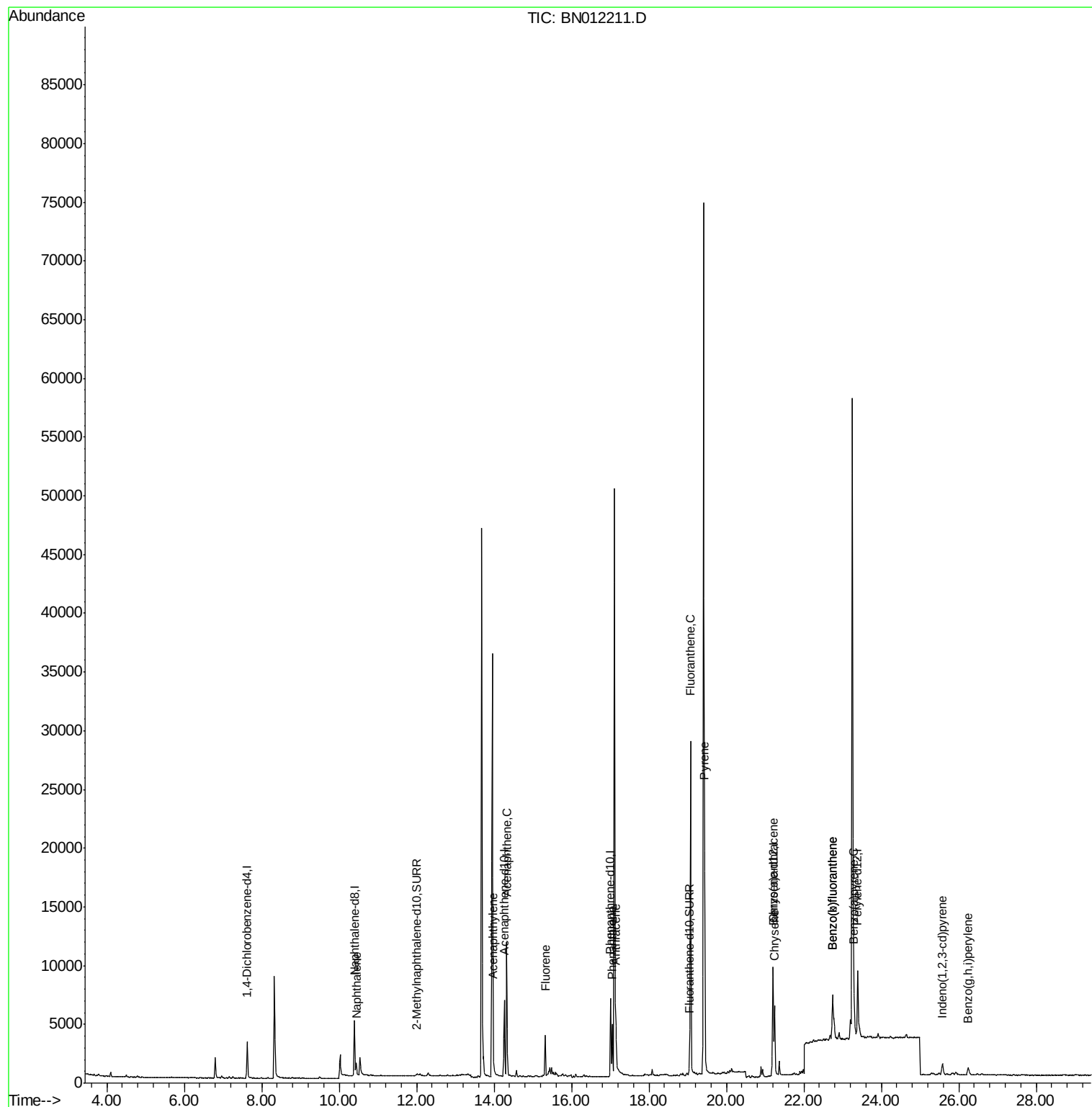
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1629	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6526	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3741	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7772	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6823	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7202	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	305	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.04	212	777	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1436	0.076	ng/ul#	93
7) Acenaphthylene	13.98	152	424	0.026	ng/ul#	66
8) Acenaphthene	14.32	153	6461	0.471	ng/ul	100
9) Fluorene	15.32	166	2302	0.151	ng/ul	98
12) Phenanthrene	17.05	178	4618	0.186	ng/ul	99
13) Anthracene	17.14	178	3994	0.188	ng/ul	97
15) Fluoranthene	19.07	202	24898	0.859	ng/ul	98
17) Pyrene	19.44	202	18117	0.589	ng/ul	99
18) Benzo(a)anthracene	21.19	228	5456	0.216	ng/ul	97
19) Chrysene	21.24	228	6511	0.211	ng/ul	100
21) Benzo(b)fluoranthene	22.74	252	8138	0.280	ng/ul	83
22) Benzo(k)fluoranthene	22.74	252	8138	0.253	ng/ul#	81
23) Benzo(a)pyrene	23.30	252	3105	0.110	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.57	276	1608	0.044	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1357	0.041	ng/ul#	76

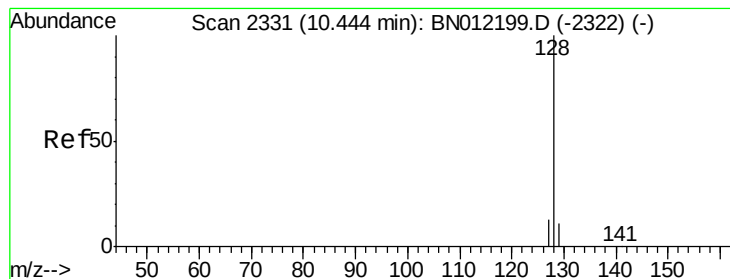
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

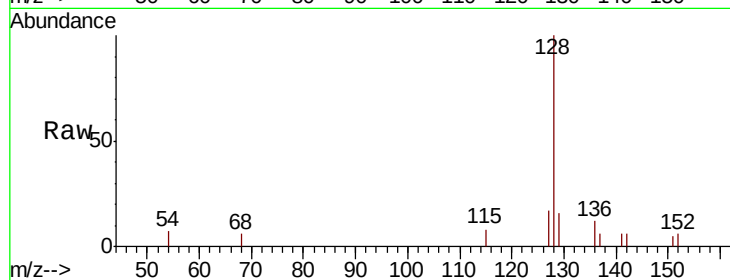
Tot Ion:128 Resp: 1436

Ion Ratio Lower Upper

128 100

129 16.0 10.3 15.5#

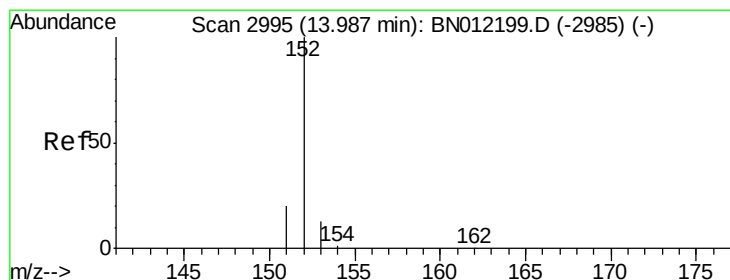
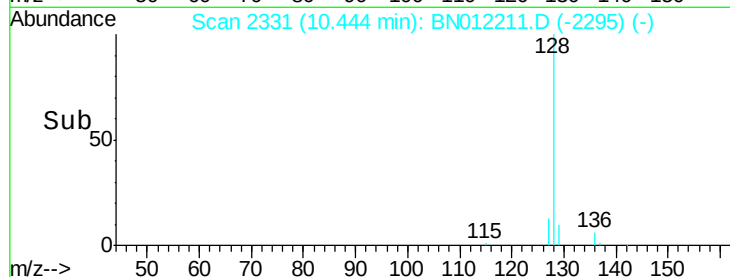
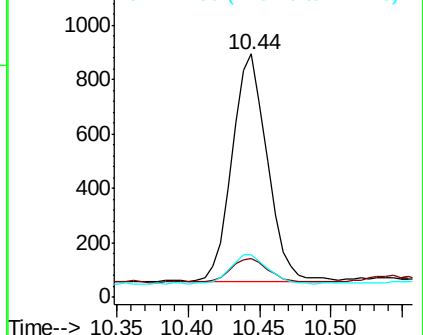
127 17.4 11.9 17.9



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: 0.026 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

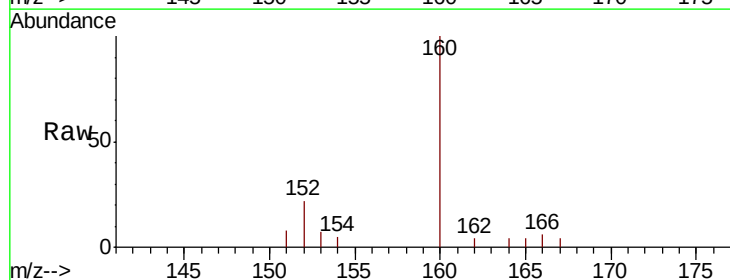
Tgt Ion:152 Resp: 424

Ion Ratio Lower Upper

152 100

151 34.6 16.7 25.1#

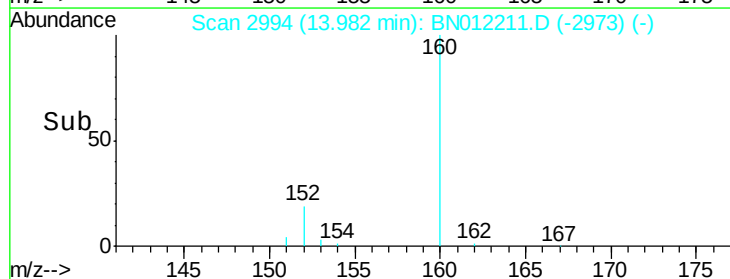
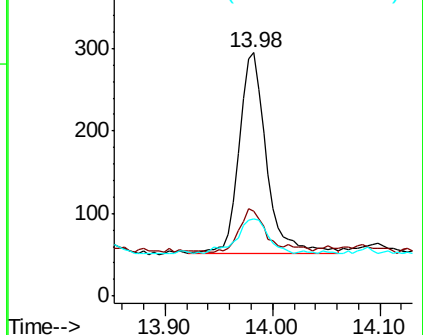
153 31.9 11.8 17.8#

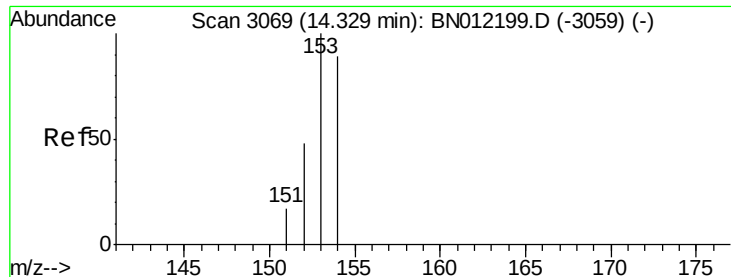


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.471 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

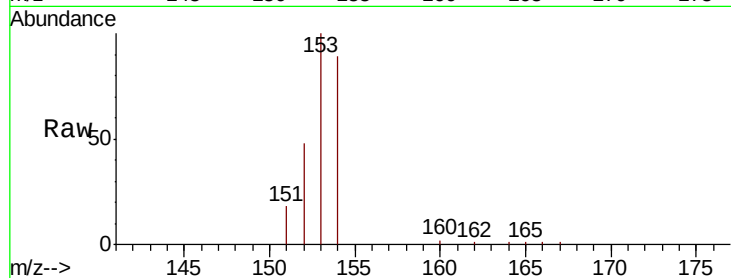
Tot Ion:153 Resp: 6461

Ion Ratio Lower Upper

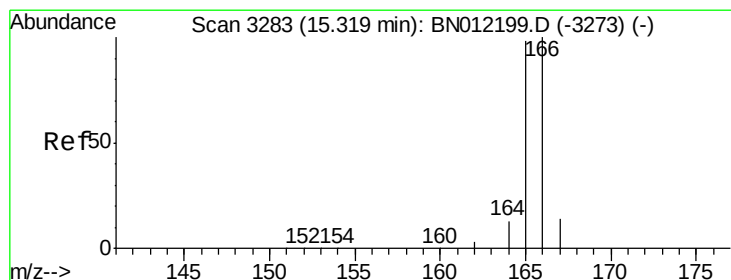
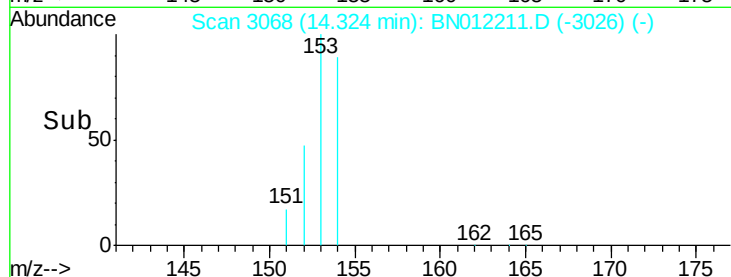
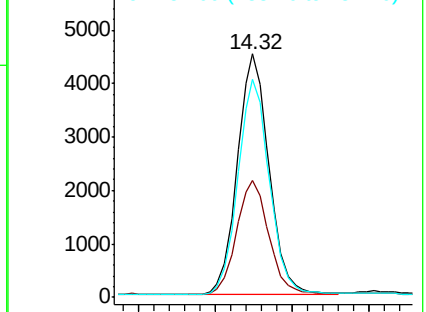
153 100

152 48.0 38.2 57.2

154 89.3 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: 0.151 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. 0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

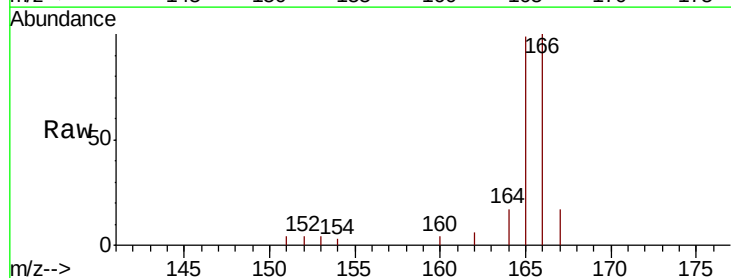
Tgt Ion:166 Resp: 2302

Ion Ratio Lower Upper

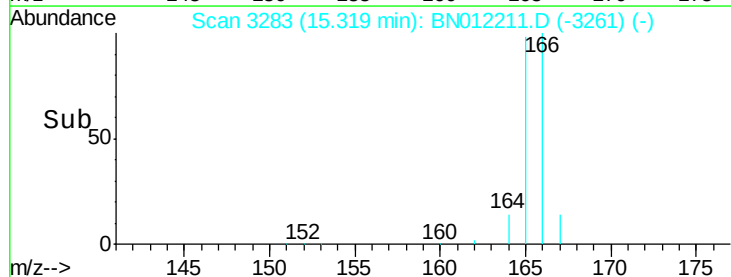
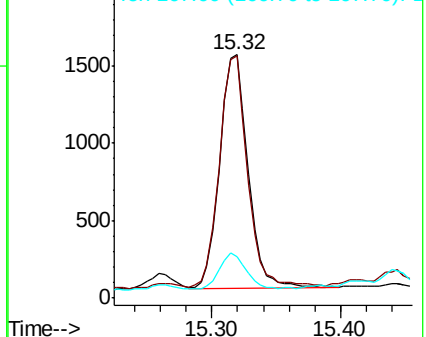
166 100

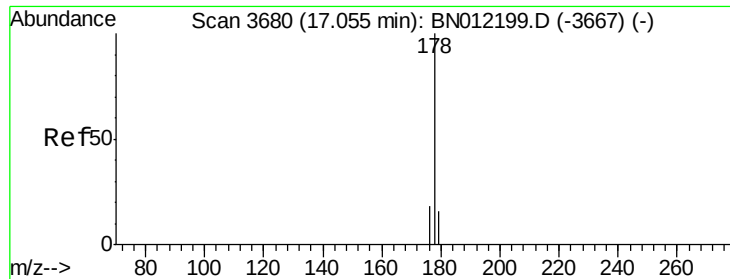
165 99.4 78.6 118.0

167 16.9 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





#12

Phenanthrene

Concen: 0.186 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

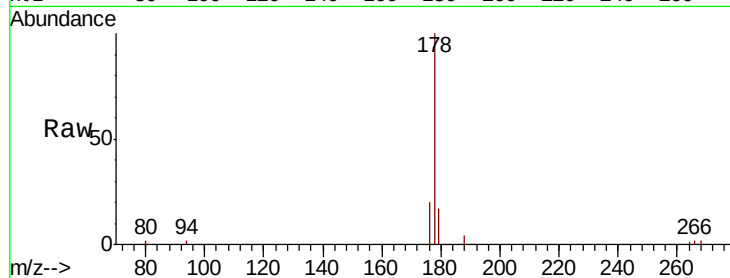
Tot Ion:178 Resp: 4618

Ion Ratio Lower Upper

178 100

179 17.4 13.4 20.2

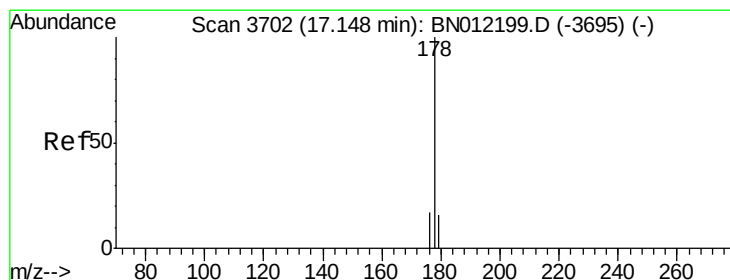
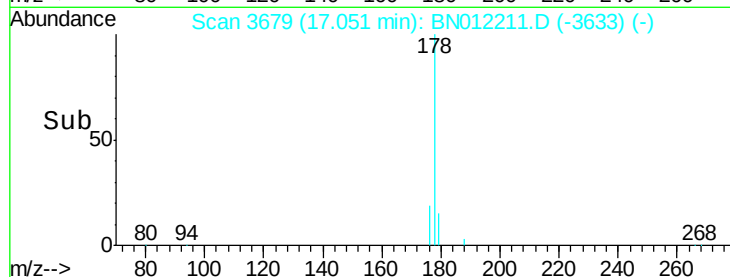
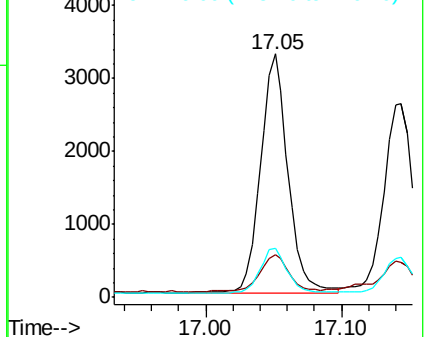
176 20.1 15.7 23.5



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: 0.188 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

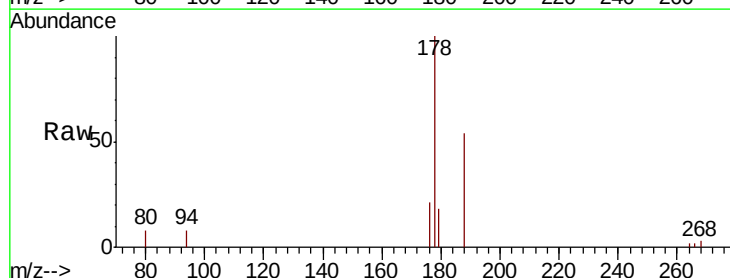
Tgt Ion:178 Resp: 3994

Ion Ratio Lower Upper

178 100

179 18.3 13.9 20.9

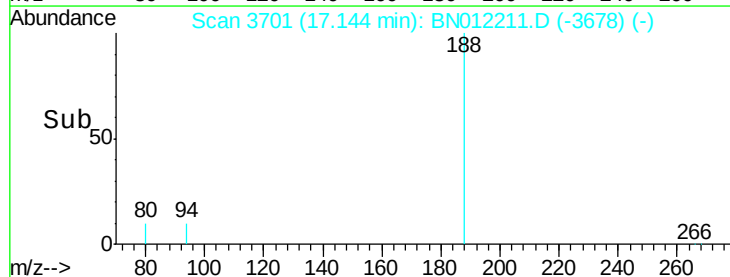
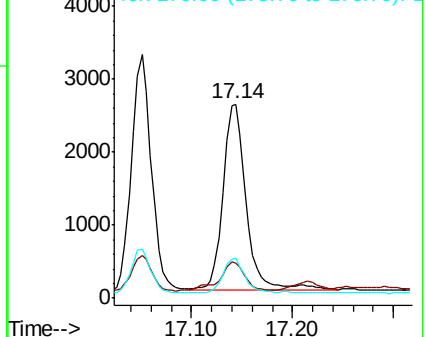
176 20.8 15.4 23.0

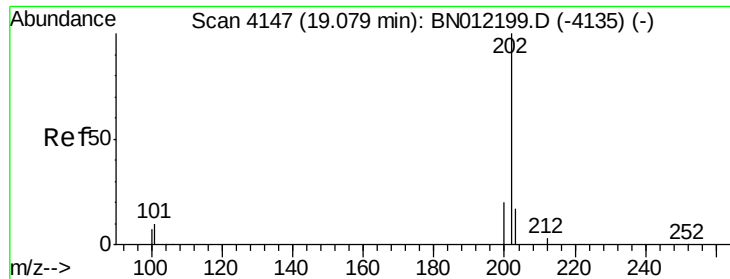


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.859 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

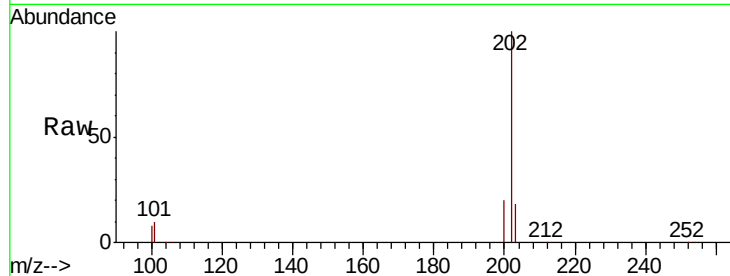
Tot Ion:202 Resp: 24898

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.0

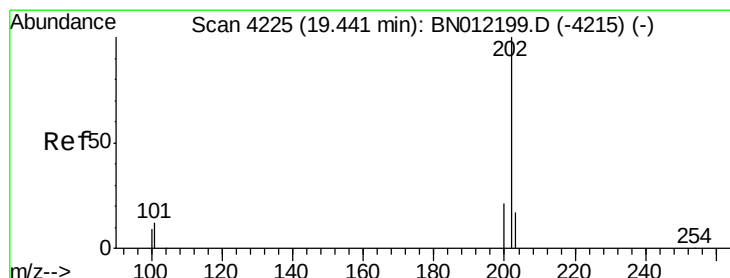
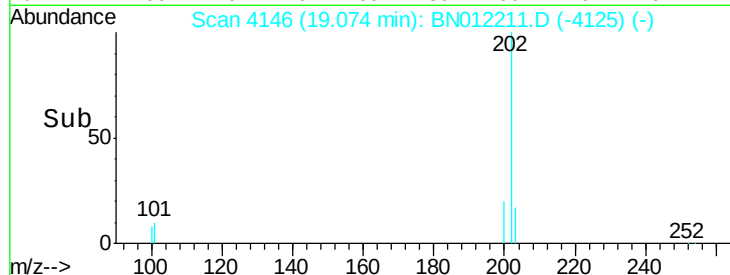
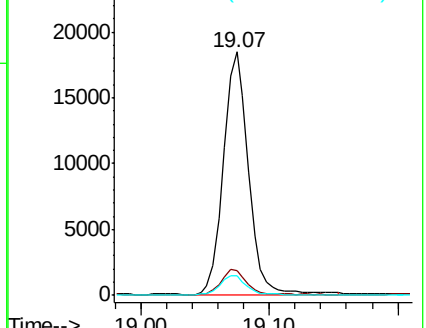
100 7.8 0.0 28.7



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: 0.589 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

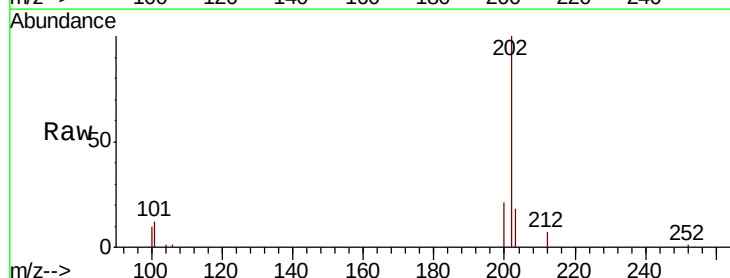
Tgt Ion:202 Resp: 18117

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

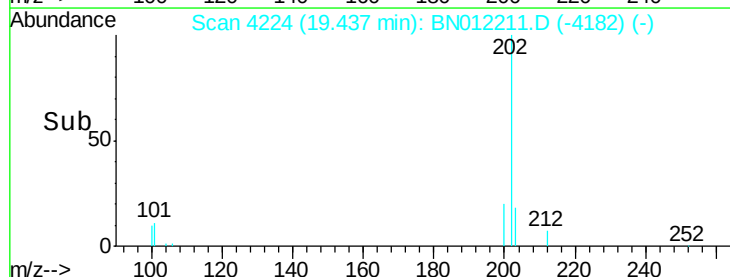
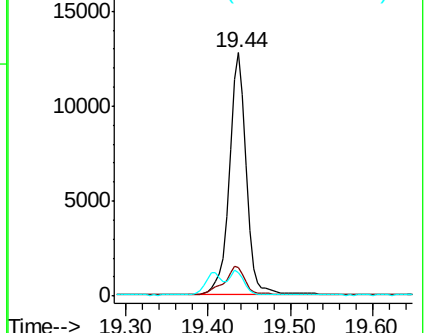
100 9.9 8.0 12.0

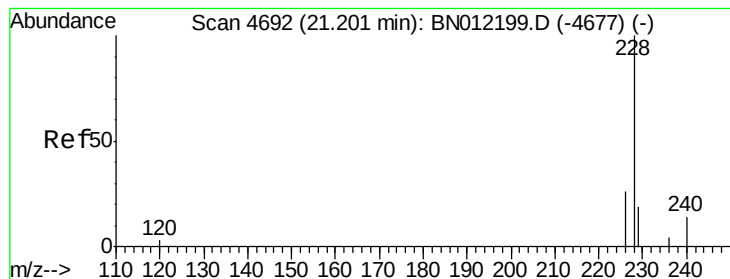


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.216 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

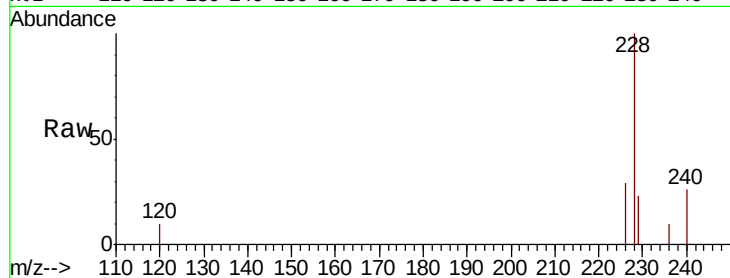
Tot Ion:228 Resp: 5456

Ion Ratio Lower Upper

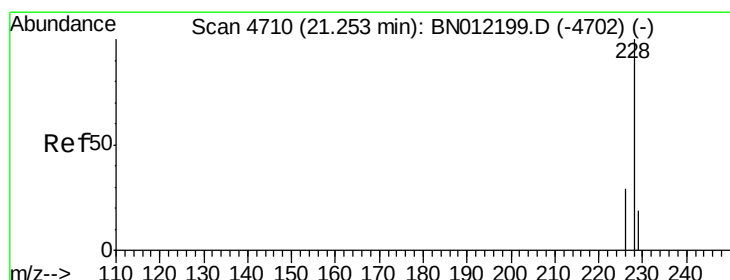
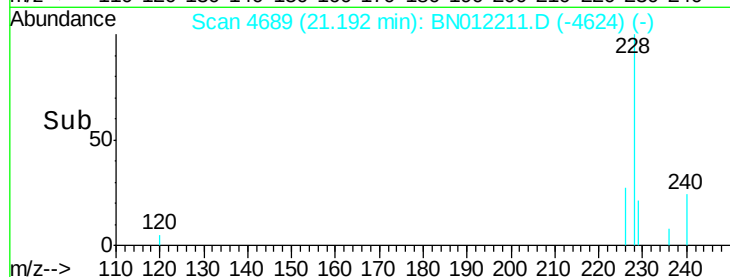
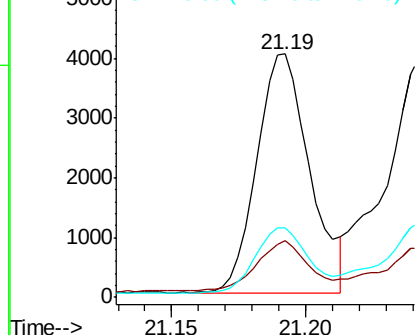
228 100

229 23.1 15.8 23.8

226 28.7 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: 0.211 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

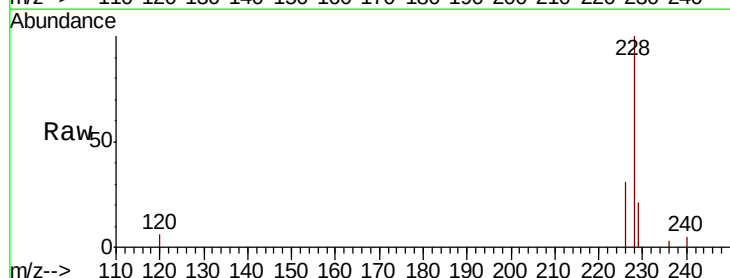
Tgt Ion:228 Resp: 6511

Ion Ratio Lower Upper

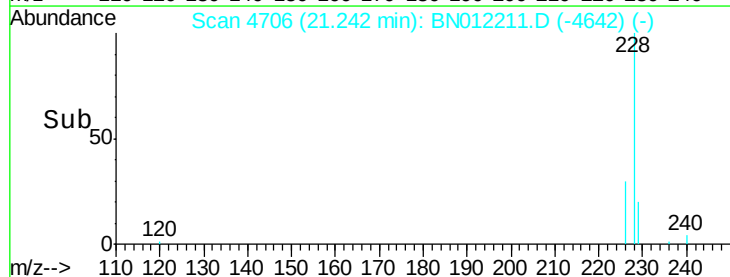
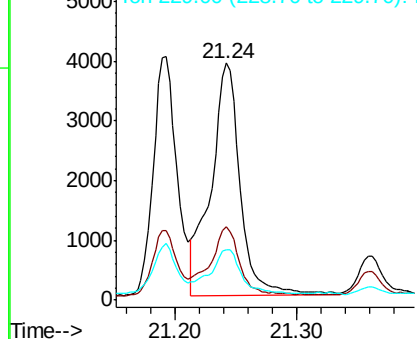
228 100

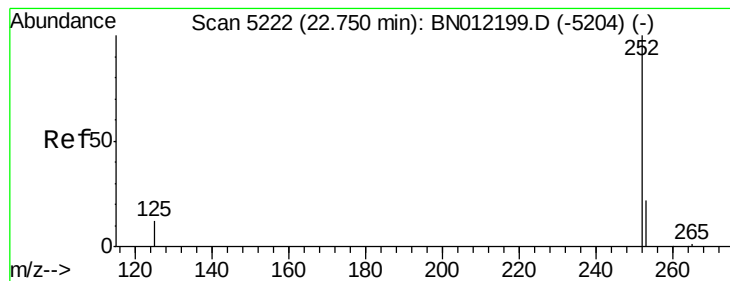
226 31.0 24.6 37.0

229 21.4 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: 0.280 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

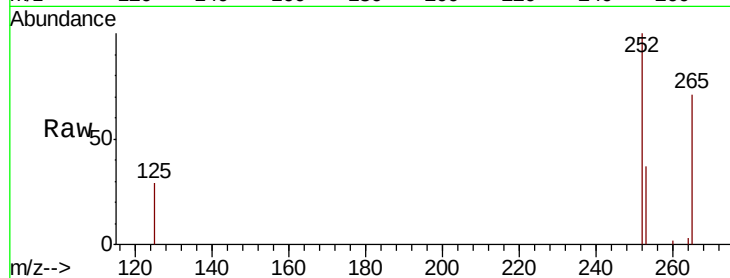
Tot Ion:252 Resp: 8138

Ion Ratio Lower Upper

252 100

253 37.3 0.0 61.6

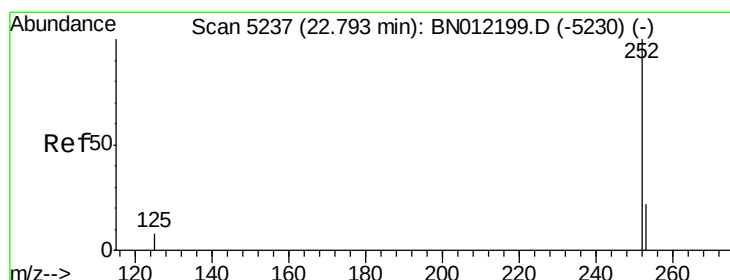
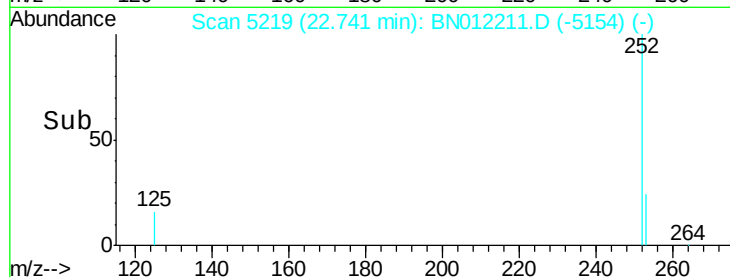
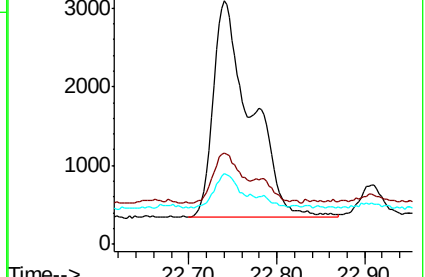
125 29.2 0.0 36.8



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: 0.253 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.05 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

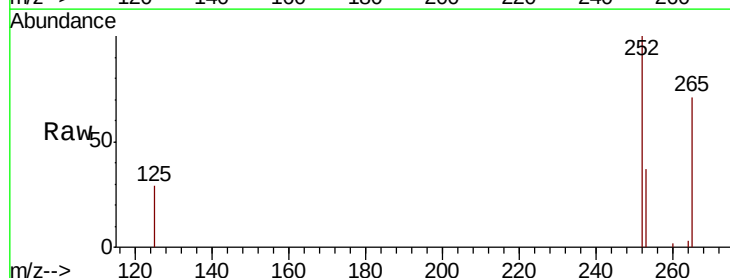
Tgt Ion:252 Resp: 8138

Ion Ratio Lower Upper

252 100

253 37.3 24.4 36.6#

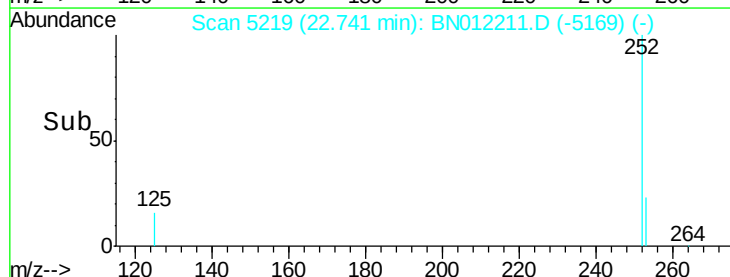
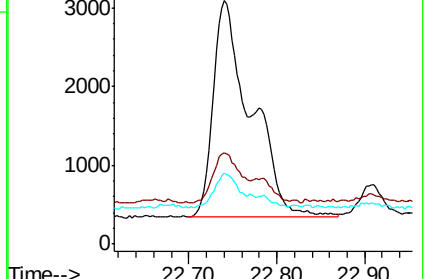
125 29.2 12.9 19.3#

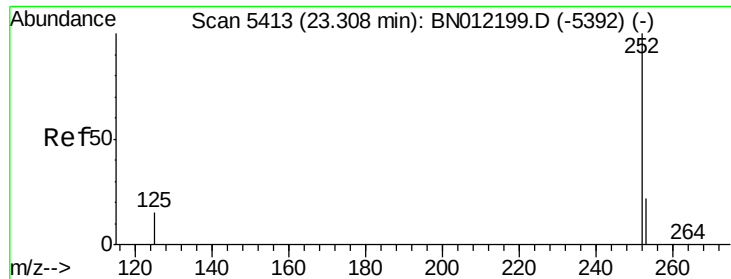


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.110 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampled :

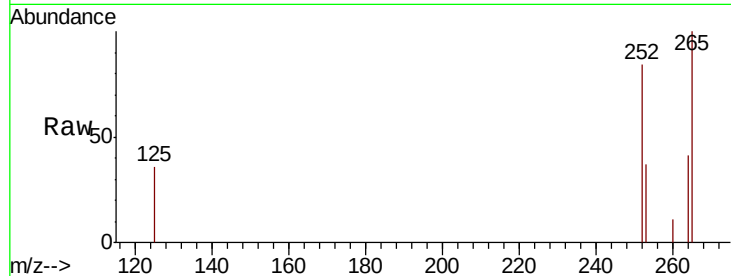
Tot Ion:252 Resp: 3105

Ion Ratio Lower Upper

252 100

253 44.7 27.0 40.4#

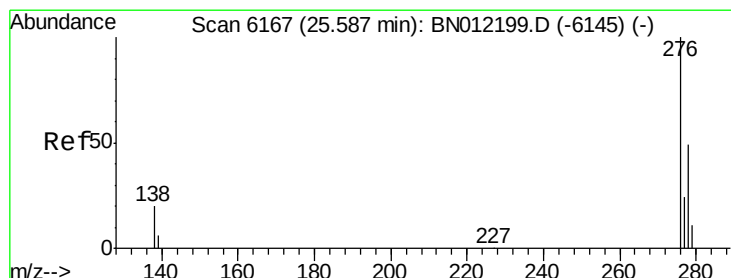
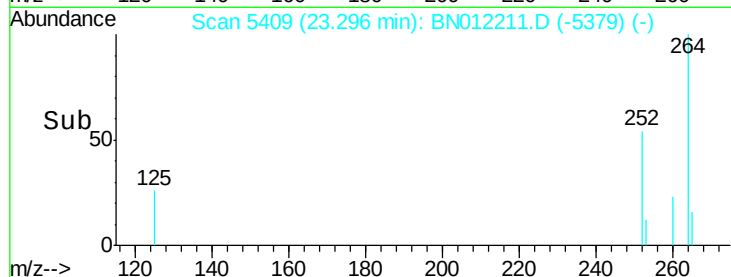
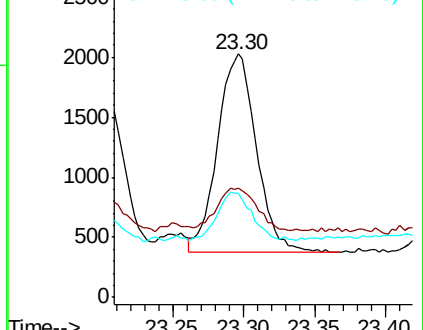
125 43.0 18.8 28.2#



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: 0.044 ng/ul

RT: 25.57 min Scan# 6163

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

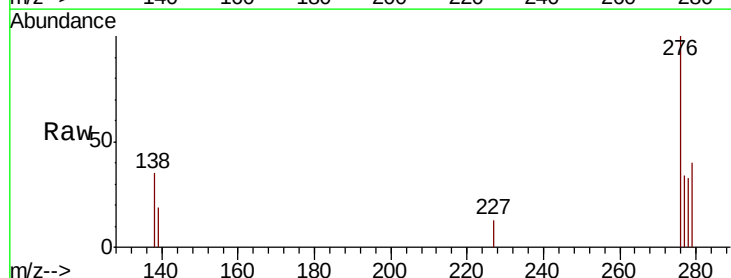
Tgt Ion:276 Resp: 1608

Ion Ratio Lower Upper

276 100

138 22.3 0.0 0.0#

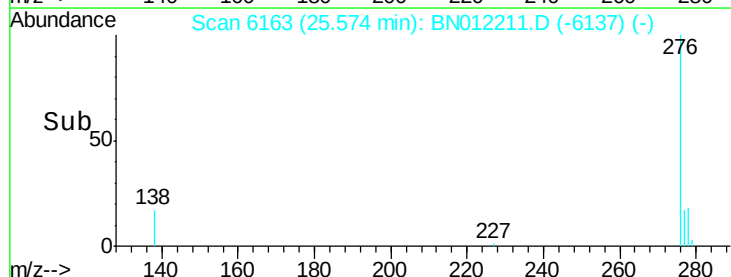
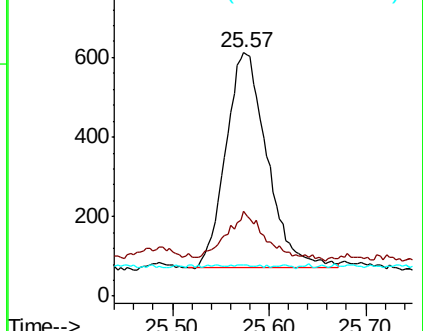
227 0.6 0.0 0.0#

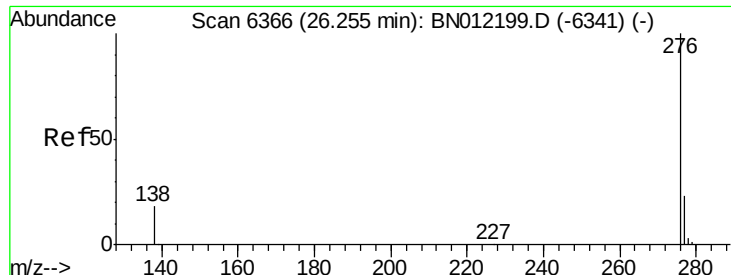


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.041 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. -0.01 min

Lab File: BN012211.D

Acq: 15 Oct 2020 01:08

Instrument :

BNA_N

ClientSampleId :

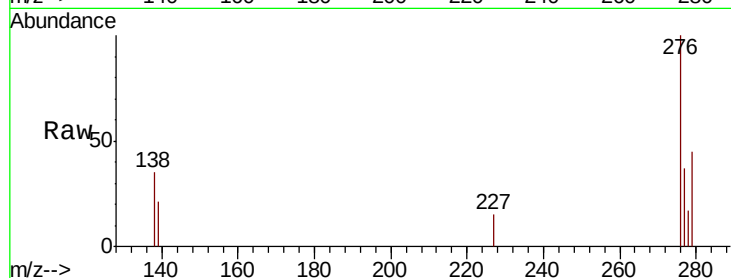
Tot Ion:276 Resp: 1357

Ion Ratio Lower Upper

276 100

138 34.6 17.1 25.7#

277 37.3 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

