

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012205.D
 Acq On : 14 Oct 2020 21:31
 Operator : CG/JU
 Sample : L4166-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Quant Time: Oct 15 00:54:05 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

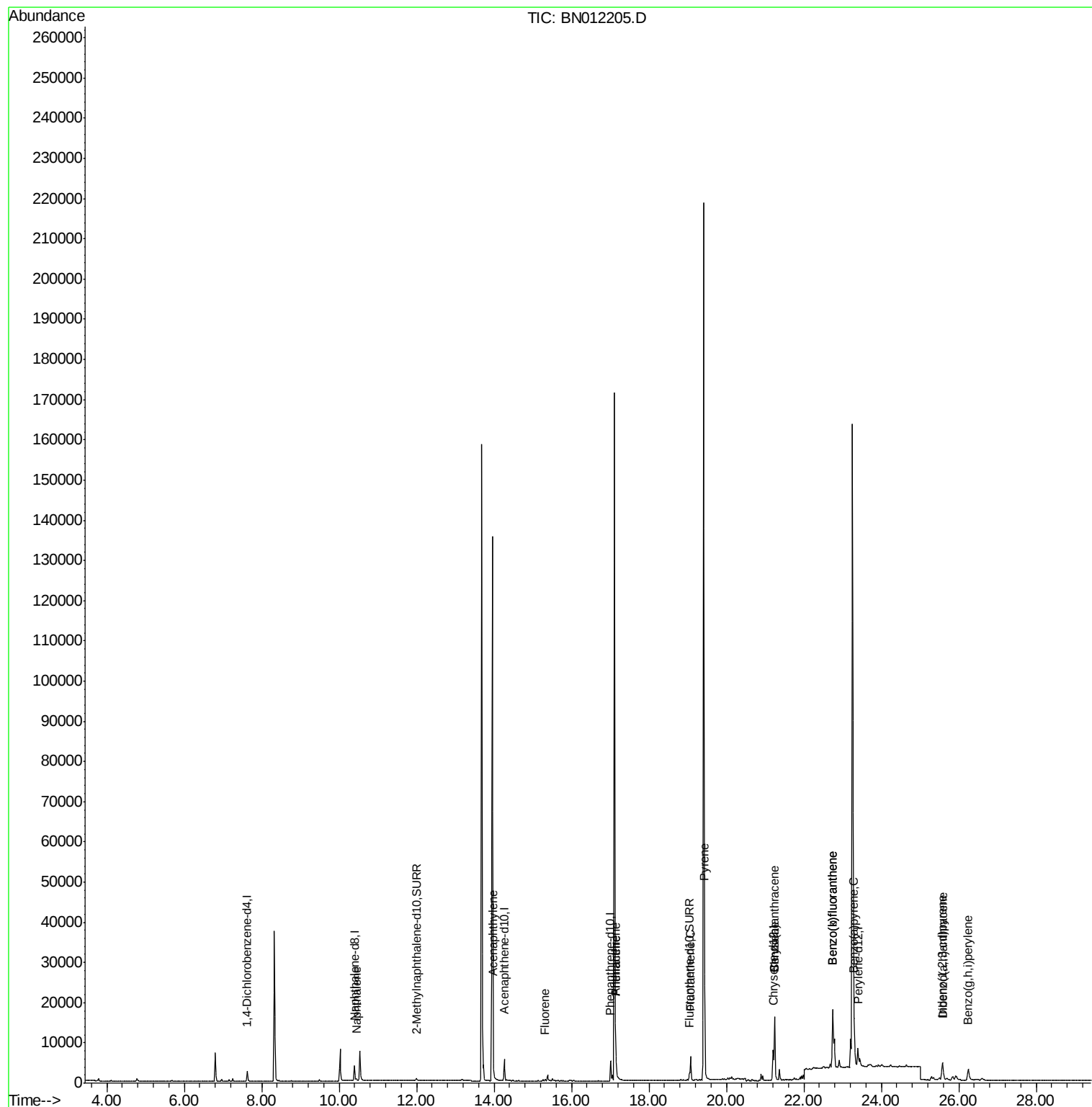
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1274	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5129	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2970	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6017	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5276	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	5706	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1075	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	2263	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	801	0.054	ng/ul#	83
7) Acenaphthylene	13.98	152	1046	0.081	ng/ul#	88
9) Fluorene	15.31	166	264	0.022	ng/ul#	90
12) Phenanthrene	17.14	178	4690	0.245	ng/ul	98
13) Anthracene	17.14	178	4710	0.286	ng/ul	99
15) Fluoranthene	19.07	202	5160	0.230	ng/ul	97
17) Pyrene	19.44	202	20256	0.852	ng/ul	98
18) Benzo(a)anthracene	21.24	228	15931	0.815	ng/ul	97
19) Chrysene	21.24	228	16321	0.685	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	30209	1.311	ng/ul	92
22) Benzo(k)fluoranthene	22.74	252	30209	1.184	ng/ul	94
23) Benzo(a)pyrene	23.30	252	12296	0.548	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.58	276	6822	0.237	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2047	0.089	ng/ul#	76
26) Benzo(g,h,i)perylene	26.24	276	5685	0.215	ng/ul	96

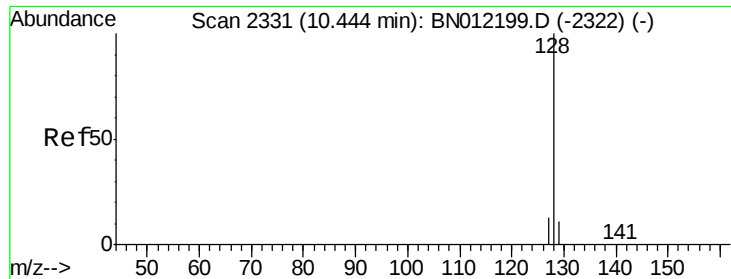
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

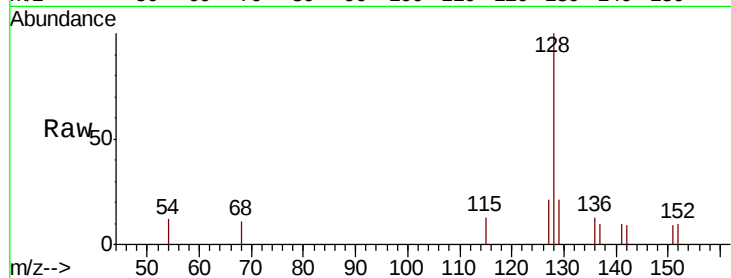
Tot Ion:128 Resp: 801

Ion Ratio Lower Upper

128 100

129 20.8 10.3 15.5#

127 20.6 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

10.44

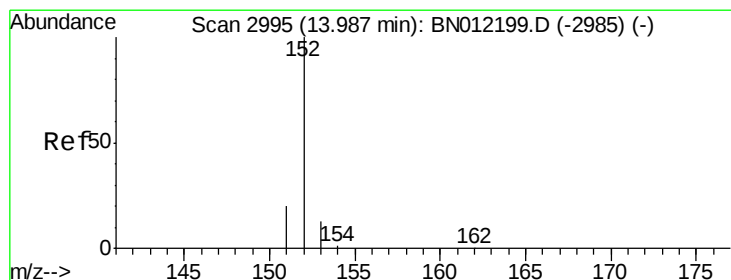
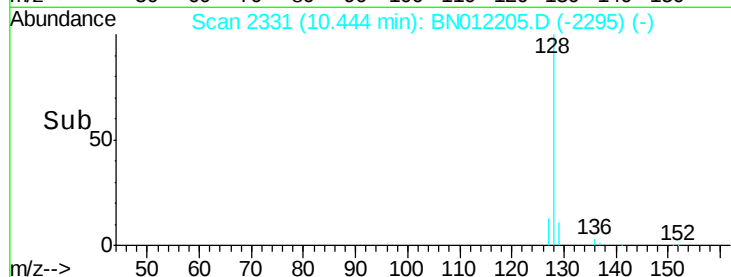
600

400

200

0

Time--> 10.35 10.40 10.45 10.50



#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

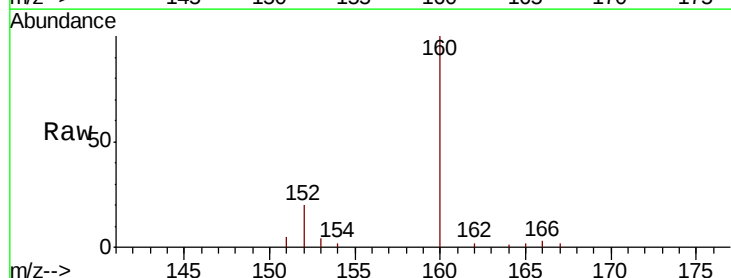
Tgt Ion:152 Resp: 1046

Ion Ratio Lower Upper

152 100

151 26.3 16.7 25.1#

153 20.5 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

13.98

800

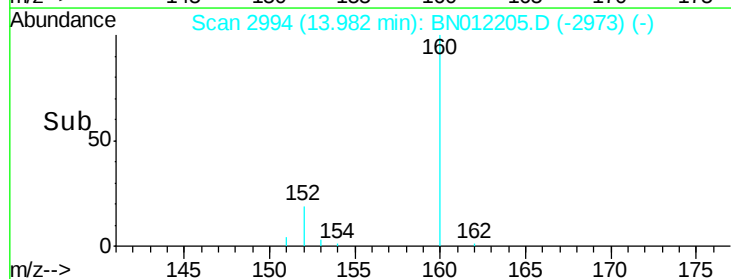
600

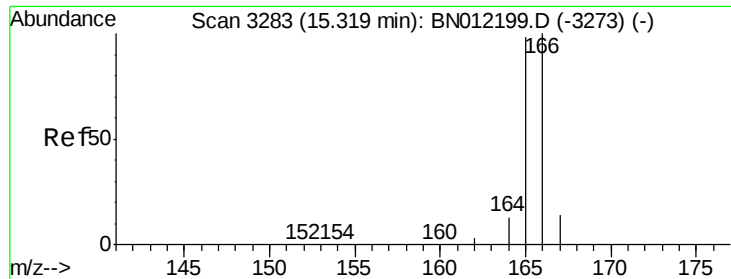
400

200

0

Time--> 13.90 14.00 14.10

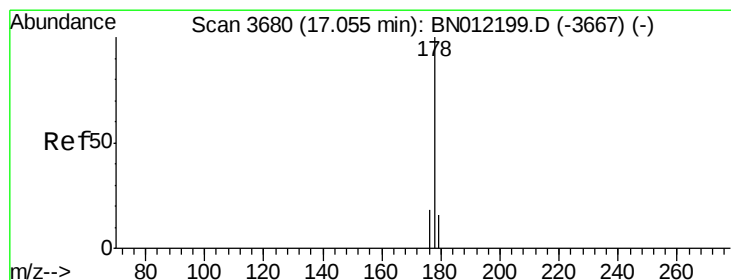
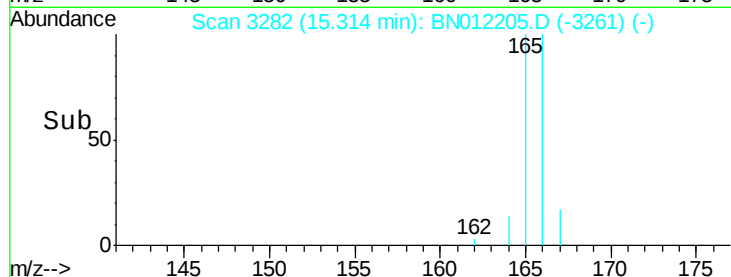
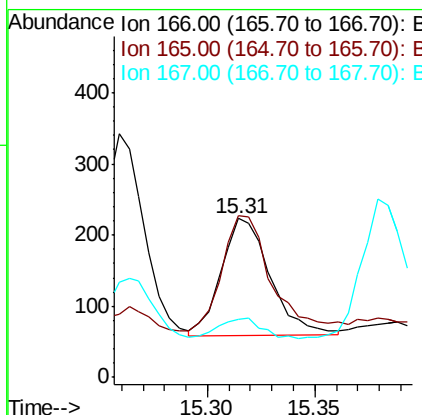
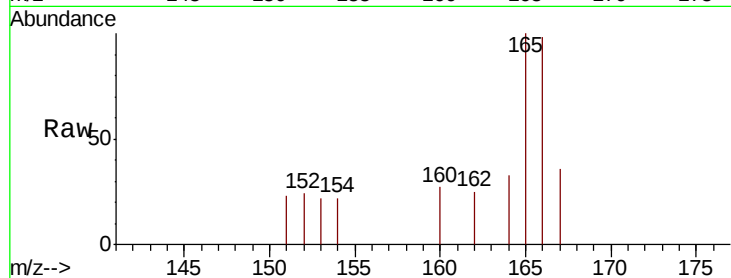




#9
Fluorene
 Concen: 0.022 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.00 min
 Lab File: BN012205.D
 Acq: 14 Oct 2020 21:31

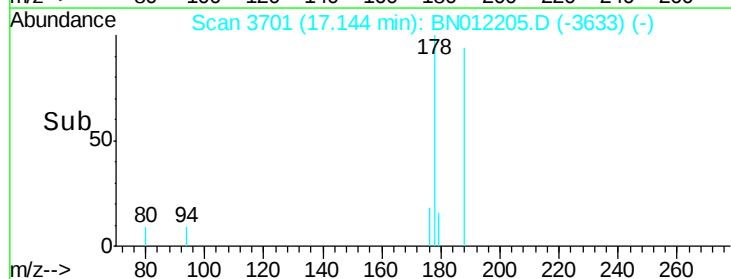
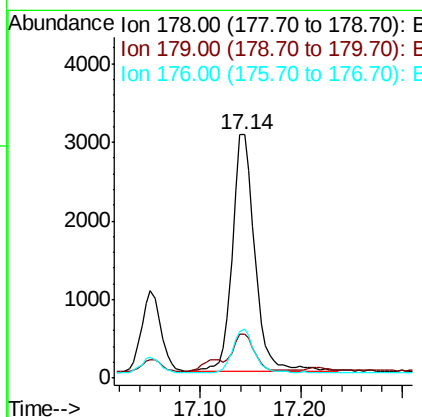
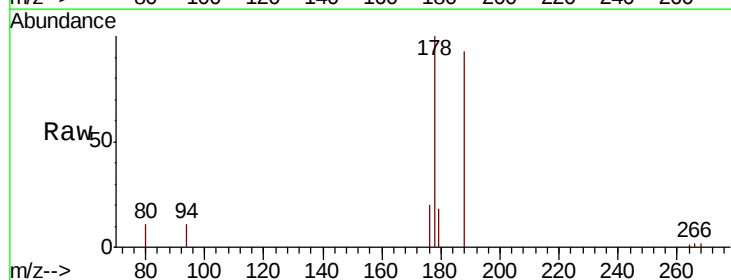
Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

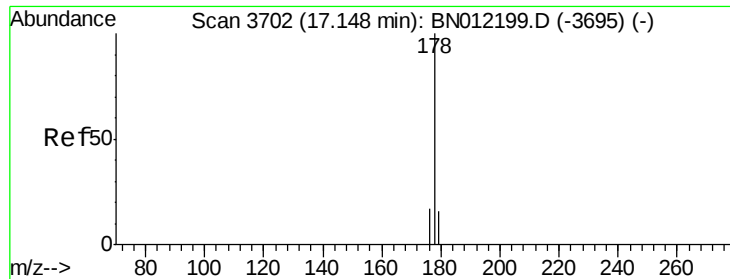
Tot Ion:166 Resp: 264
 Ion Ratio Lower Upper
 166 100
 165 101.8 78.6 118.0
 167 36.3 11.9 17.9#



#12
Phenanthrene
 Concen: 0.245 ng/ul
 RT: 17.14 min Scan# 3701
 Delta R.T. 0.09 min
 Lab File: BN012205.D
 Acq: 14 Oct 2020 21:31

Tgt Ion:178 Resp: 4690
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.4 20.2
 176 20.0 15.7 23.5





#13

Anthracene

Concen: 0.286 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

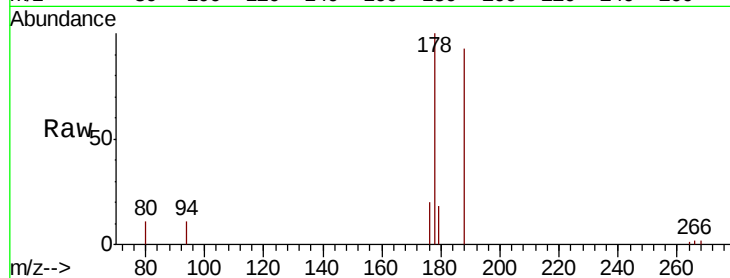
Tot Ion:178 Resp: 4710

Ion Ratio Lower Upper

178 100

179 17.8 13.9 20.9

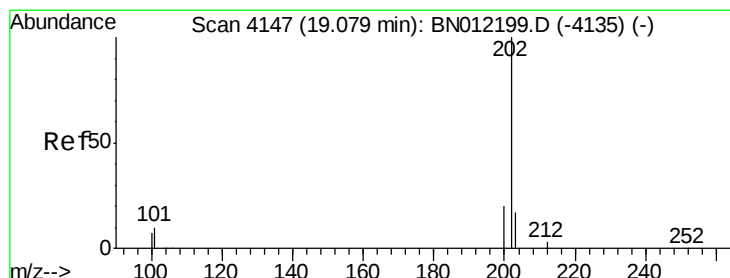
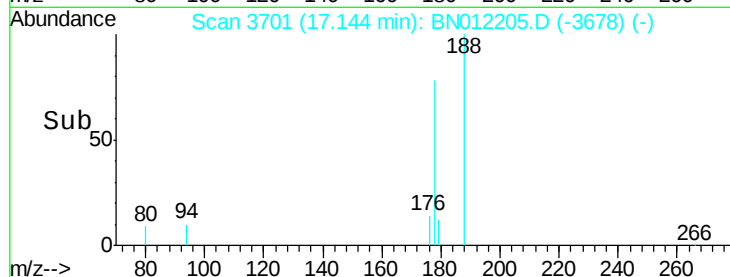
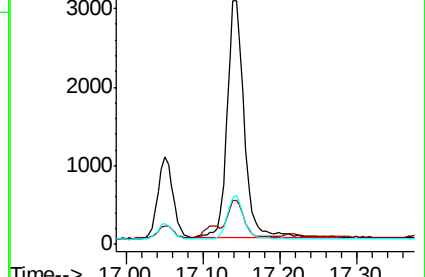
176 20.0 15.4 23.0



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: 0.230 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

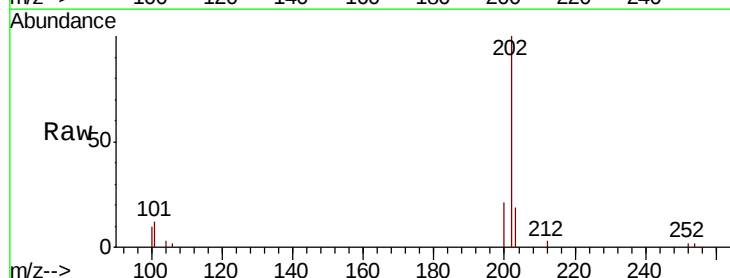
Tgt Ion:202 Resp: 5160

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.0

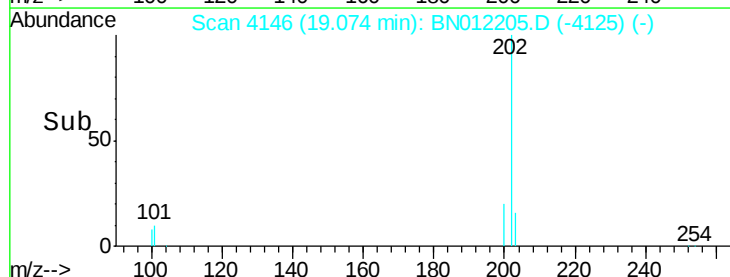
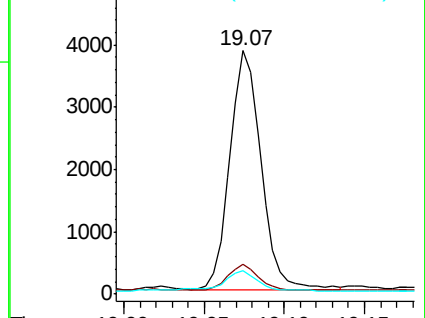
100 9.6 0.0 28.7

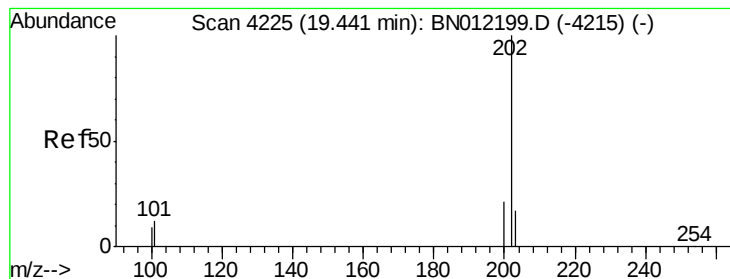


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.852 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

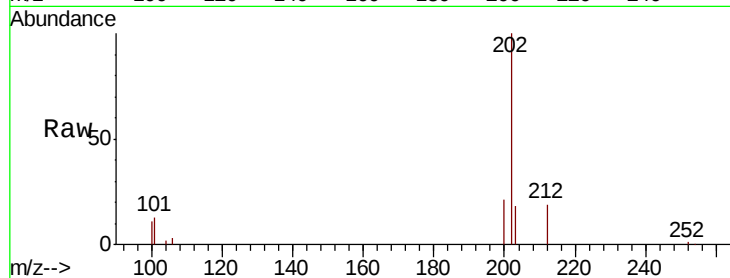
Tot Ion:202 Resp: 20256

Ion Ratio Lower Upper

202 100

101 12.6 9.9 14.9

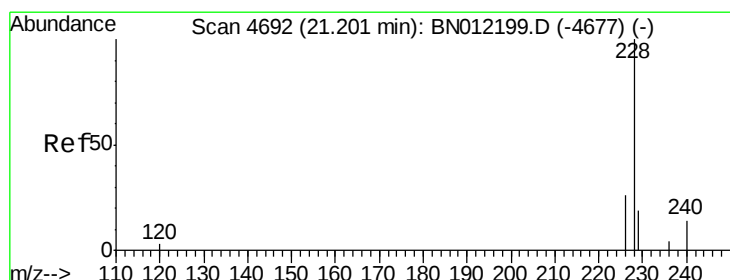
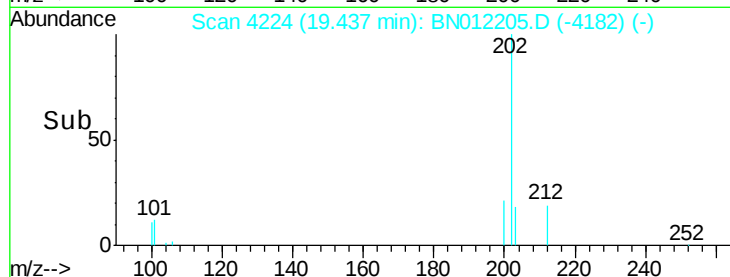
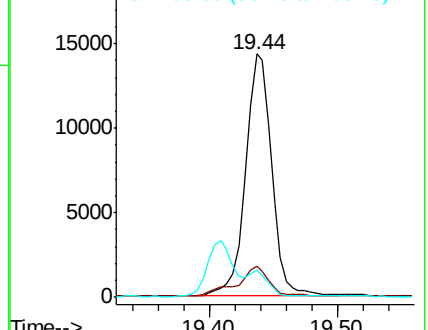
100 11.1 8.0 12.0



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): E



#18

Benzo(a)anthracene

Concen: 0.815 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. 0.04 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

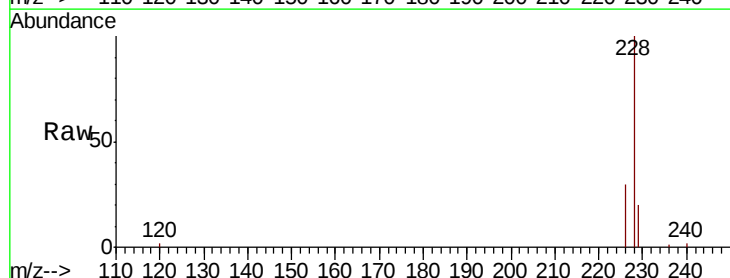
Tgt Ion:228 Resp: 15931

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.8

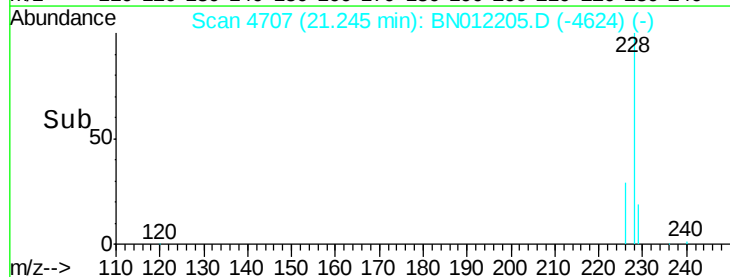
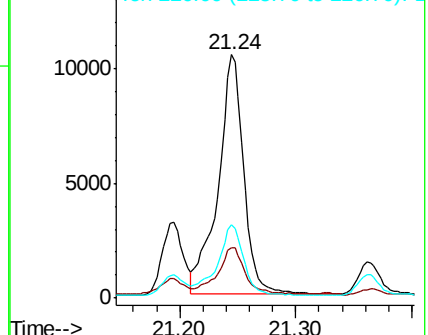
226 30.2 22.6 33.8

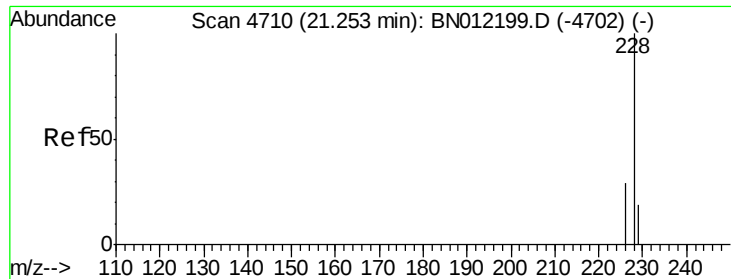


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.685 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.01 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

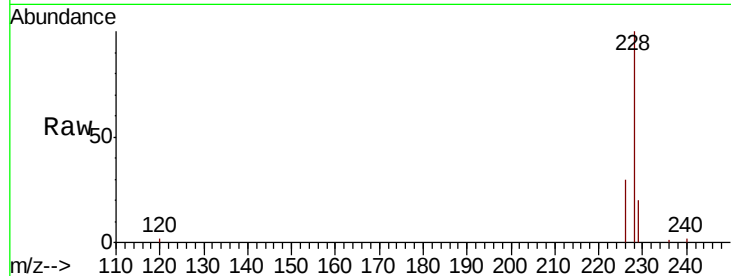
Tot Ion:228 Resp: 16321

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

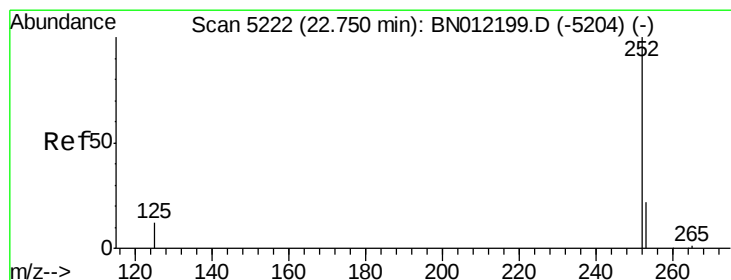
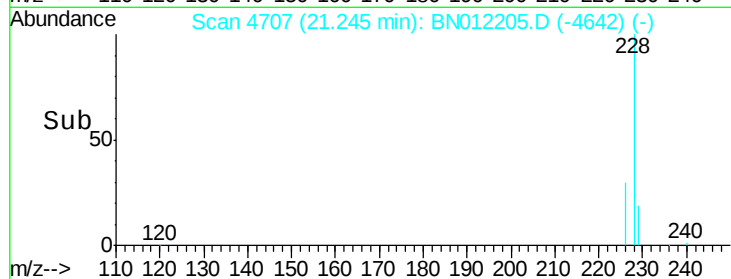
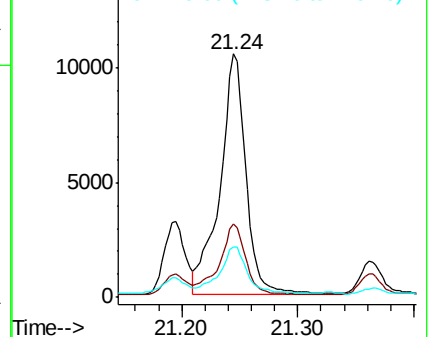
229 20.5 17.0 25.6



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: 1.311 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

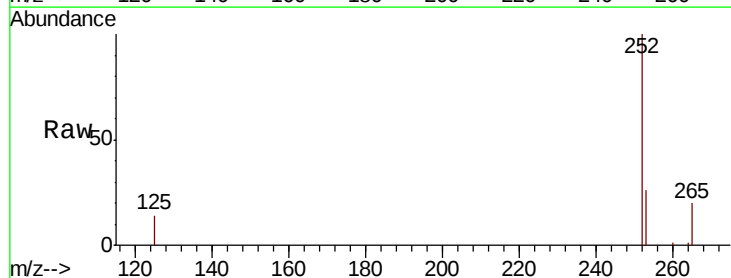
Tgt Ion:252 Resp: 30209

Ion Ratio Lower Upper

252 100

253 26.5 0.0 61.6

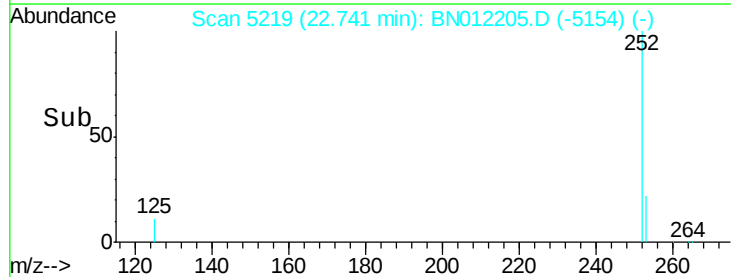
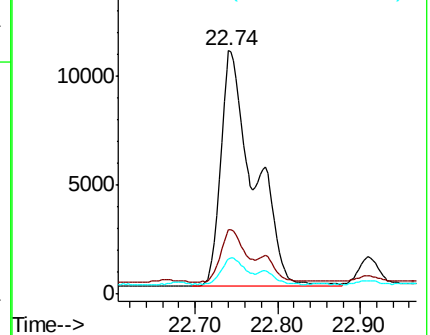
125 14.5 0.0 36.8

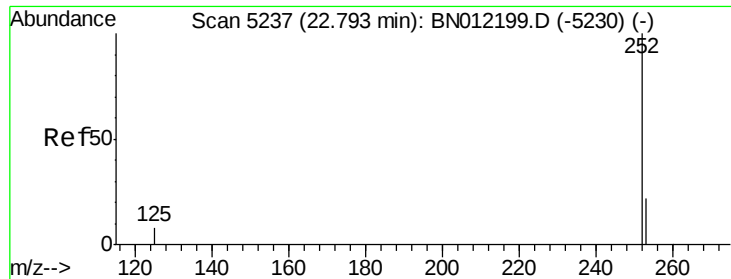


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.184 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.05 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

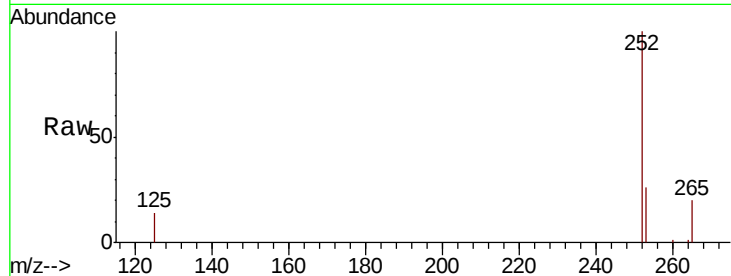
Tot Ion:252 Resp: 30209

Ion Ratio Lower Upper

252 100

253 26.5 24.4 36.6

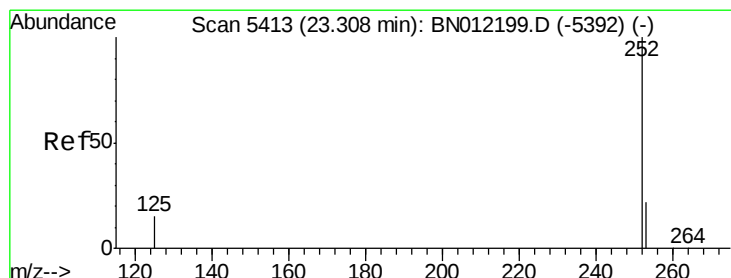
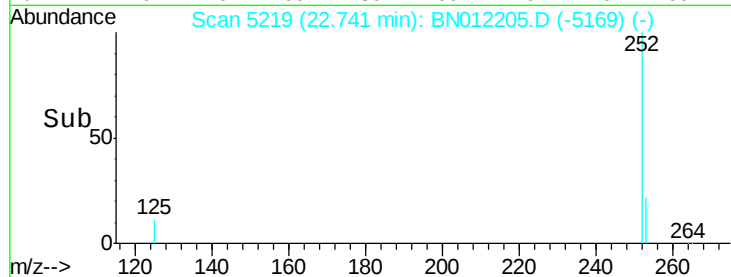
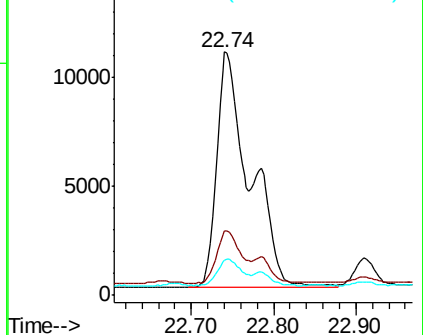
125 14.5 12.9 19.3



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: 0.548 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

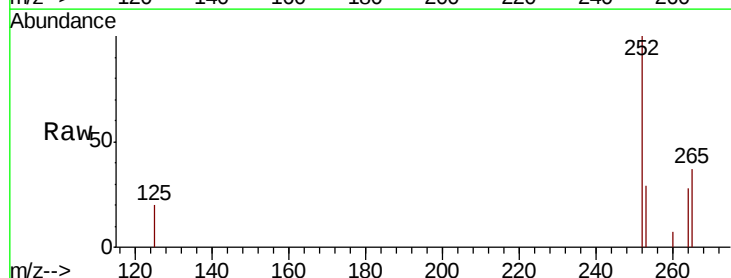
Tgt Ion:252 Resp: 12296

Ion Ratio Lower Upper

252 100

253 29.2 27.0 40.4

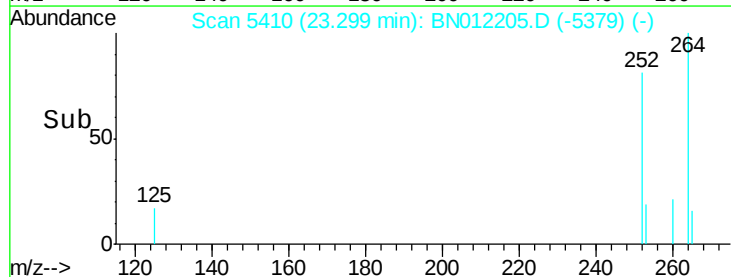
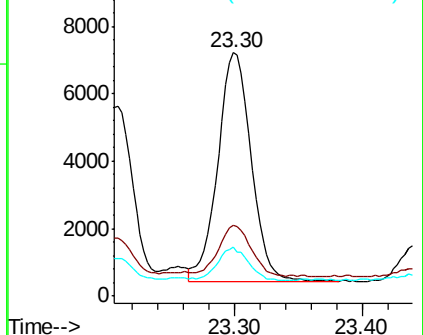
125 20.0 18.8 28.2

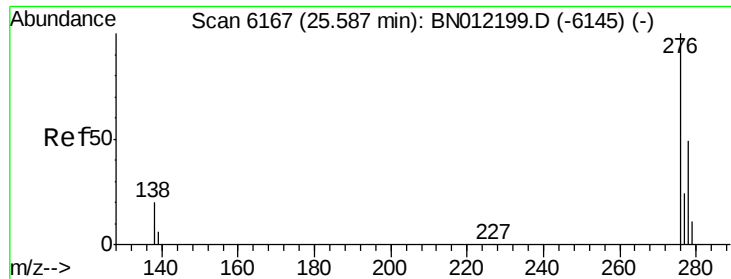


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



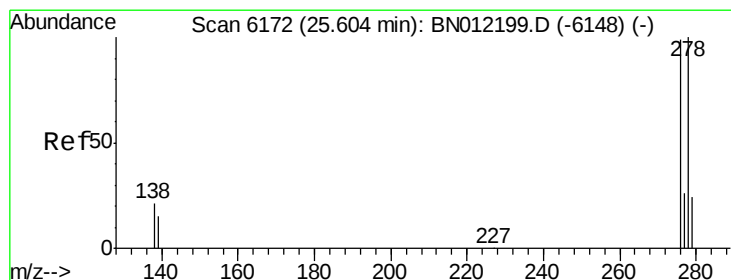
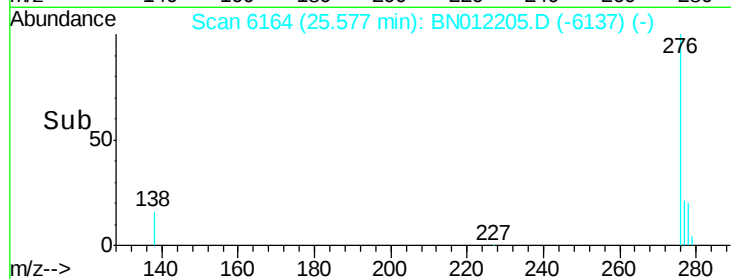
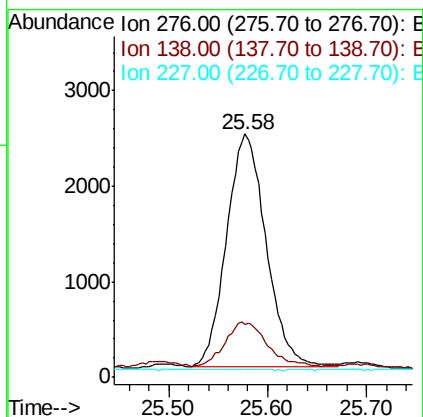
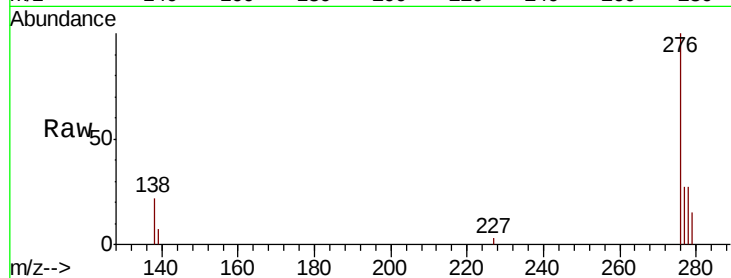


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.237 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN012205.D
Acq: 14 Oct 2020 21:31

Instrument :
BNA_N
ClientSampleId :
C0AC2

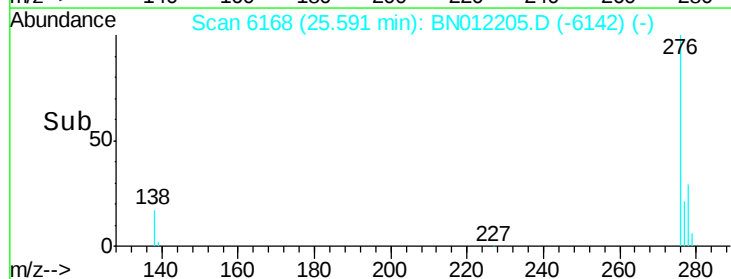
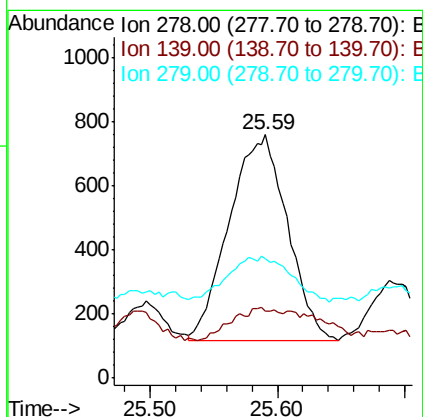
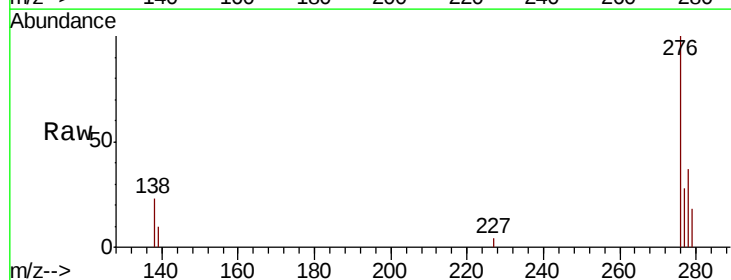
Tot Ion:276 Resp: 6822
Ion Ratio Lower Upper
276 100
138 19.6 0.0 0.0#
227 0.1 0.0 0.0#

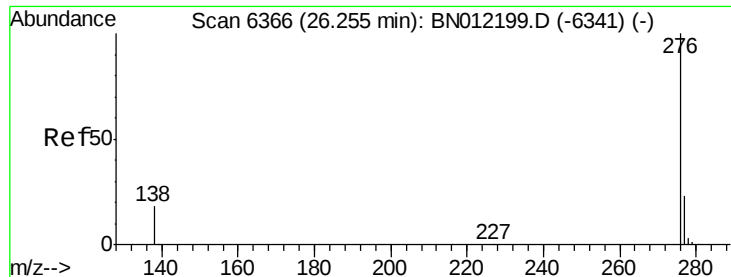


#25

Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. -0.01 min
Lab File: BN012205.D
Acq: 14 Oct 2020 21:31

Tgt Ion:278 Resp: 2047
Ion Ratio Lower Upper
278 100
139 27.2 15.7 23.5#
279 48.8 26.0 39.0#





#26

Benzo(a,h,i)perylene

Concen: 0.215 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. -0.01 min

Lab File: BN012205.D

Acq: 14 Oct 2020 21:31

Instrument :

BNA_N

ClientSampleId :

C0AC2

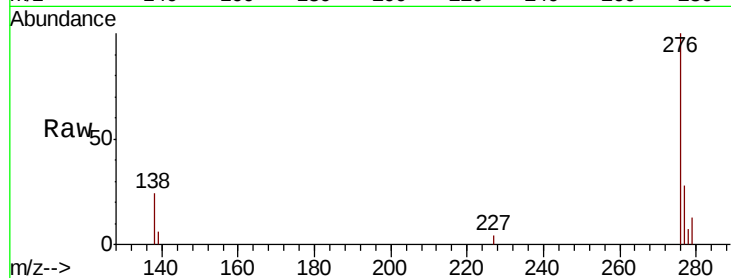
Tot Ion: 276 Resp: 5685

Ion Ratio Lower Upper

276 100

138 24.5 17.1 25.7

277 27.6 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

