

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012251.D
 Acq On : 16 Oct 2020 03:38
 Operator : CG/JU
 Sample : L4235-18
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ4

Quant Time: Oct 16 06:28:16 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

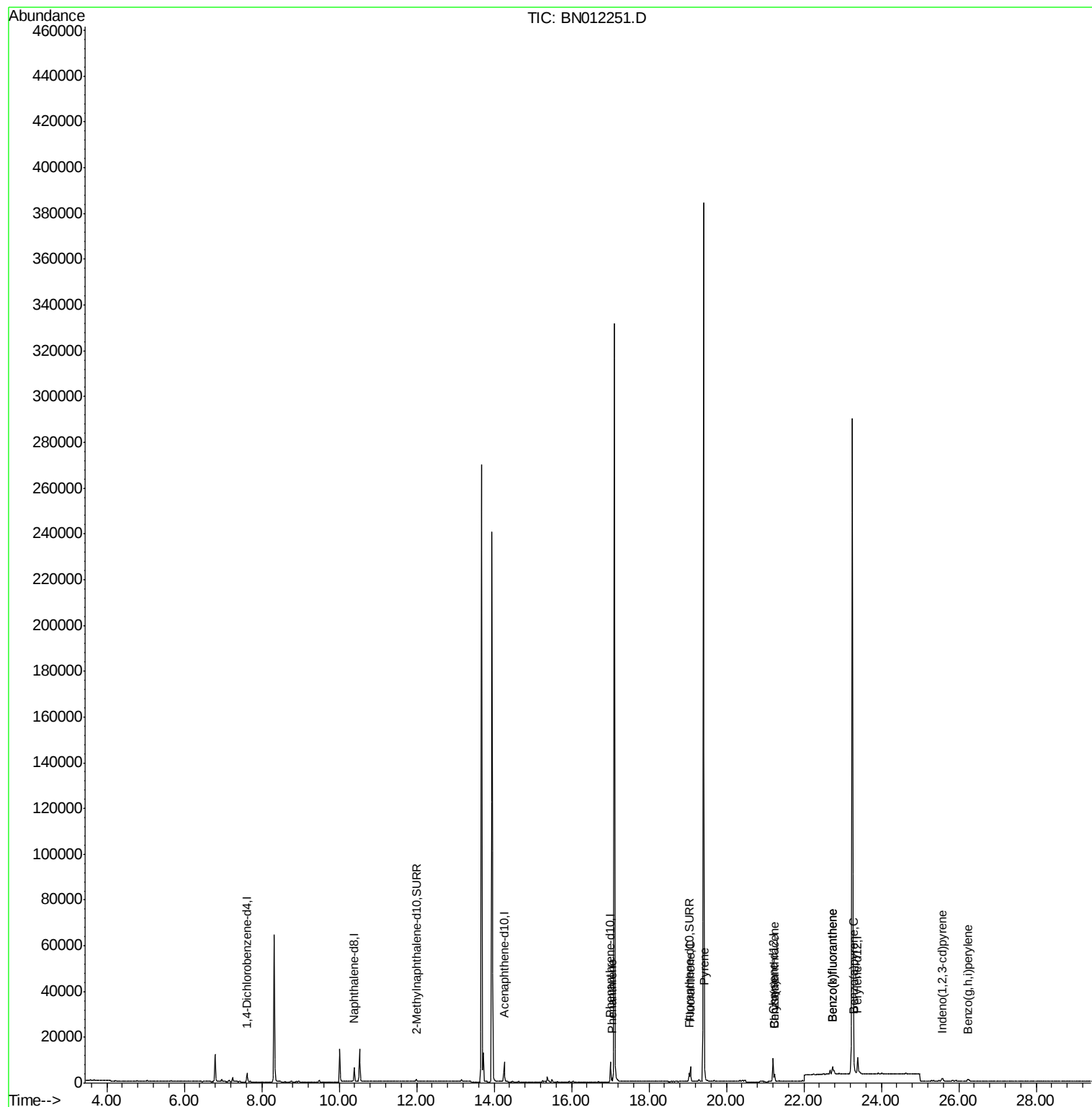
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8097	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4740	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10014	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8472	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	8967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1851	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4197	0.15	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.05	178	1818	0.057	ng/ul	97
15) Fluoranthene	19.07	202	5545	0.149	ng/ul	95
17) Pyrene	19.44	202	5285	0.138	ng/ul#	96
18) Benzo(a)anthracene	21.24	228	3406	0.109	ng/ul	94
19) Chrysene	21.24	228	3485	0.091	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	6426	0.177	ng/ul#	70
22) Benzo(k)fluoranthene	22.74	252	6426	0.160	ng/ul#	68
23) Benzo(a)pyrene	23.30	252	2608	0.074	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.57	276	2184	0.048	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1922	0.046	ng/ul#	76

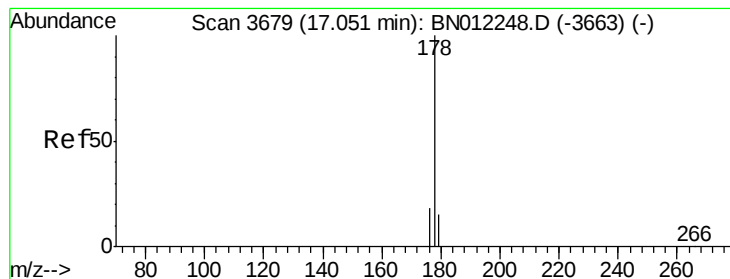
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.057 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

Instrument :

BNA_N

ClientSampleId :

C0AQ4

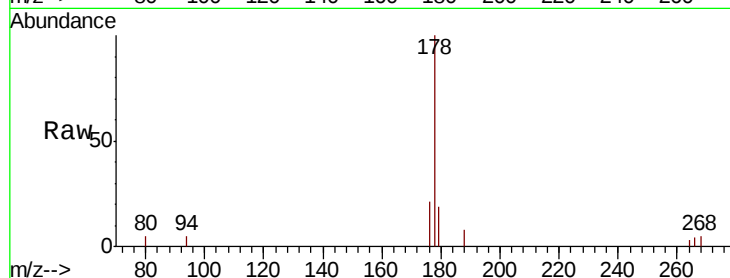
Tot Ion:178 Resp: 1818

Ion Ratio Lower Upper

178 100

179 18.6 13.4 20.2

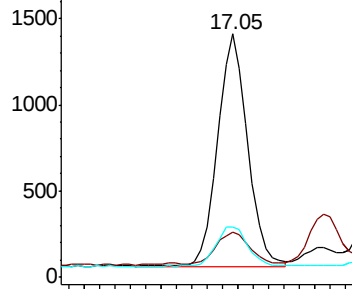
176 20.8 15.7 23.5



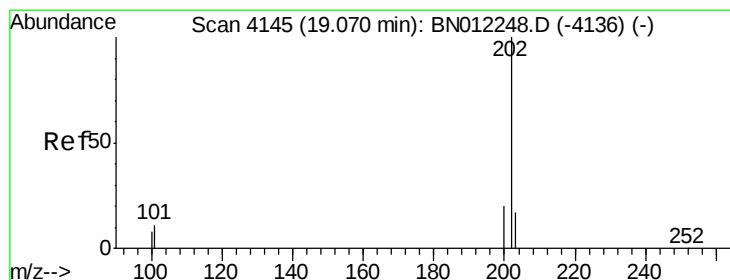
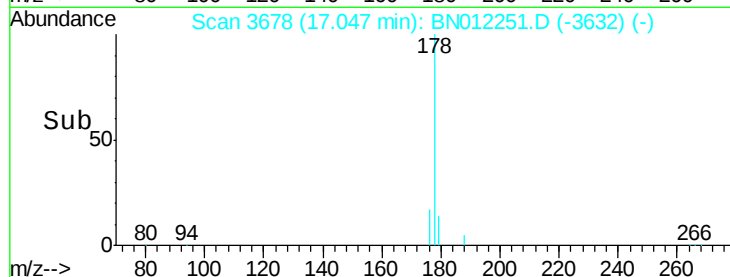
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.149 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

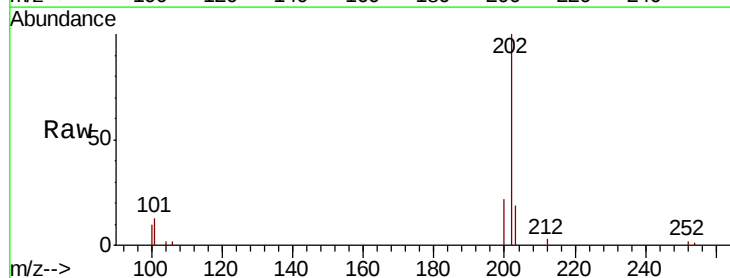
Tgt Ion:202 Resp: 5545

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.0

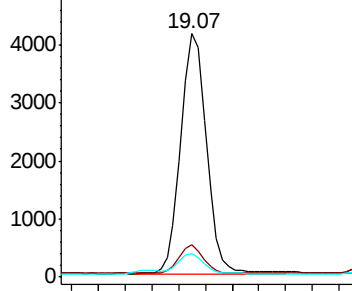
100 9.9 0.0 28.7



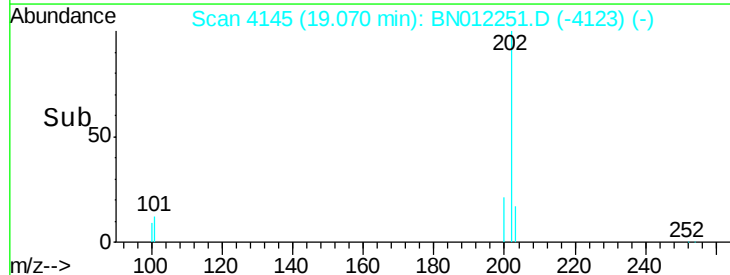
Abundance Ion 202.00 (201.70 to 202.70): E

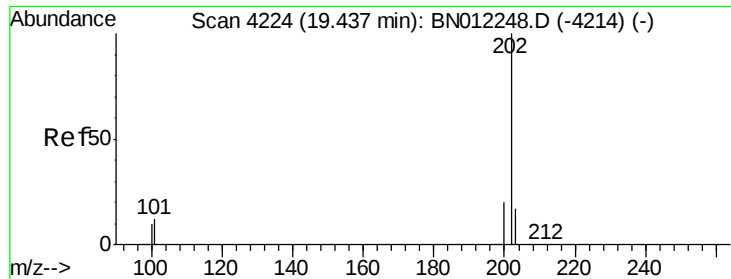
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

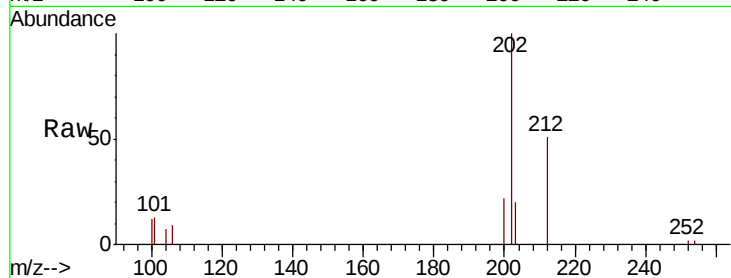




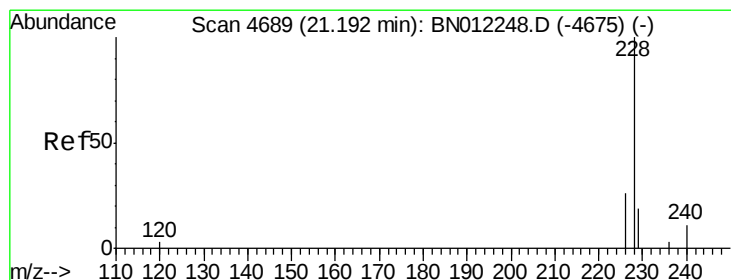
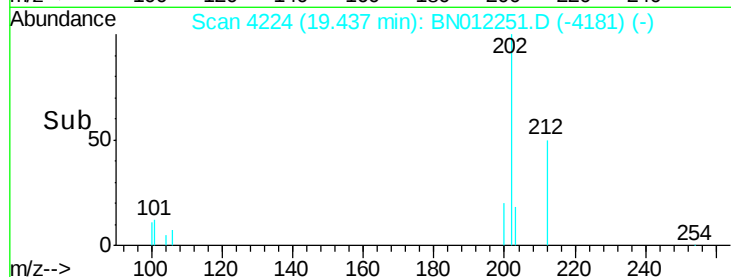
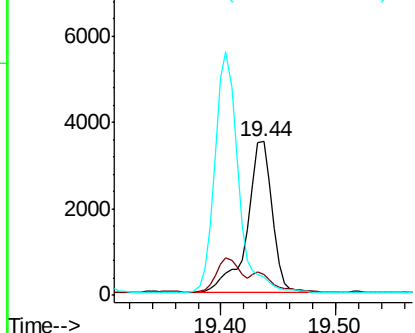
#17
Pvrene
Concen: 0.138 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Instrument :
BNA_N
ClientSampleId :
C0AQ4

Tot Ion:202 Resp: 5285
Ion Ratio Lower Upper
202 100
101 13.5 9.9 14.9
100 12.3 8.0 12.0#

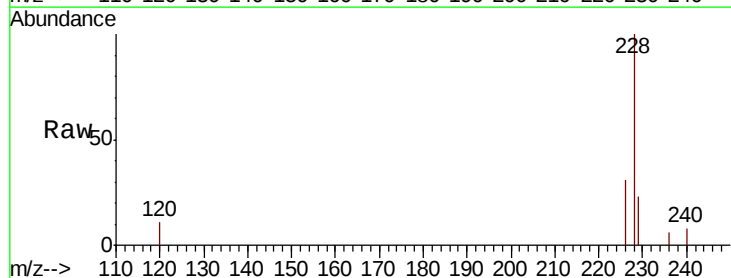


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

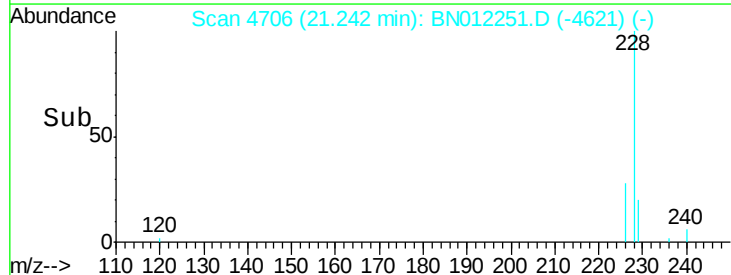
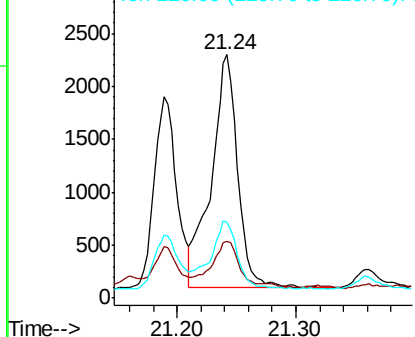


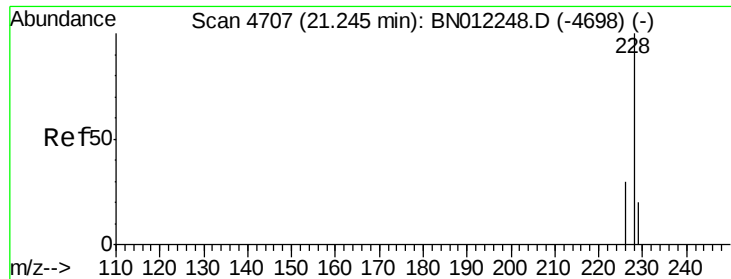
#18
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.05 min
Lab File: BN012251.D
Acq: 16 Oct 2020 03:38

Tgt Ion:228 Resp: 3406
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.8
226 31.0 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: 0.091 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

Instrument :

BNA_N

ClientSampleId :

C0AQ4

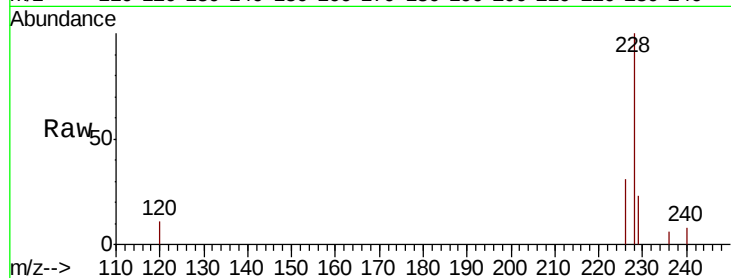
Tot Ion:228 Resp: 3485

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

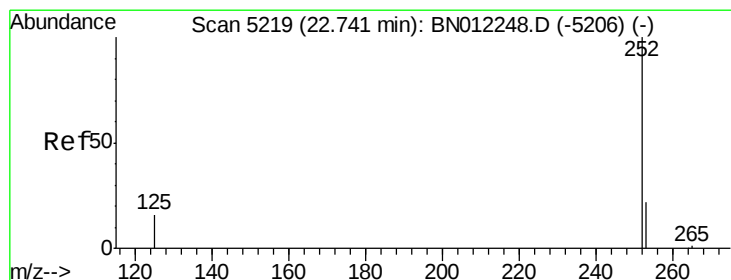
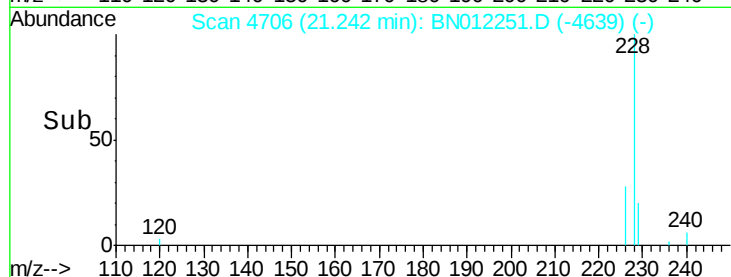
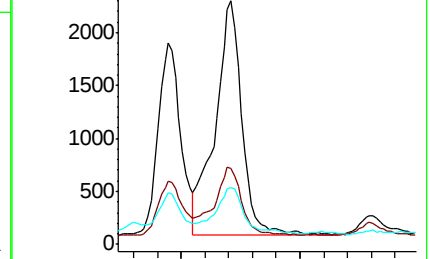
229 23.5 17.0 25.6



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: 0.177 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

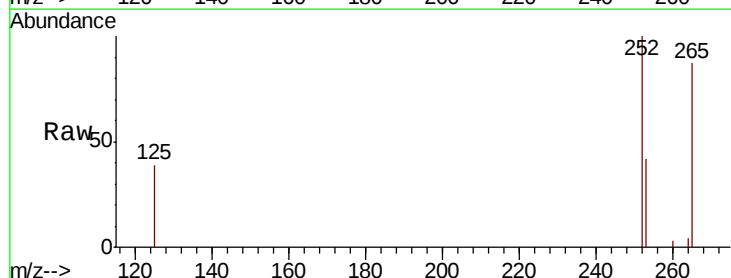
Tgt Ion:252 Resp: 6426

Ion Ratio Lower Upper

252 100

253 41.7 0.0 61.6

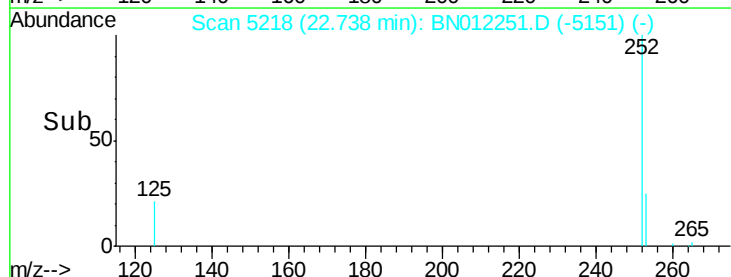
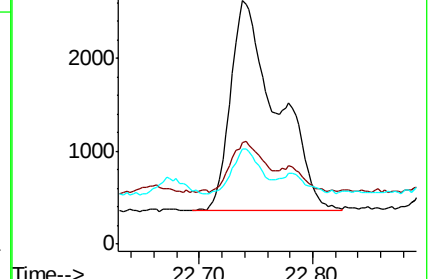
125 39.1 0.0 36.8#

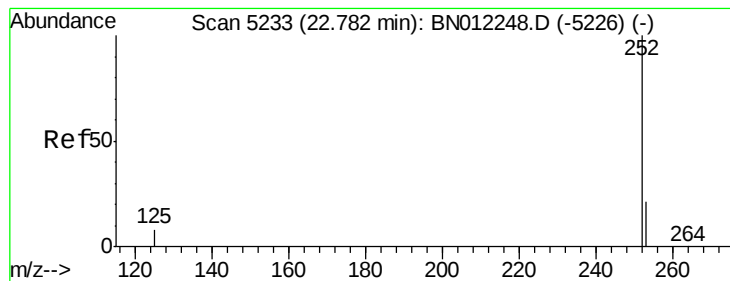


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.160 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.04 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

Instrument :

BNA_N

ClientSampleId :

C0AQ4

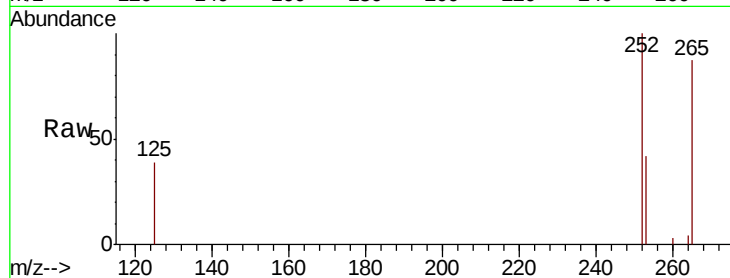
Tot Ion:252 Resp: 6426

Ion Ratio Lower Upper

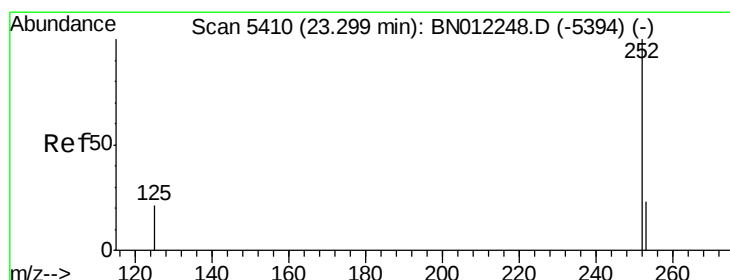
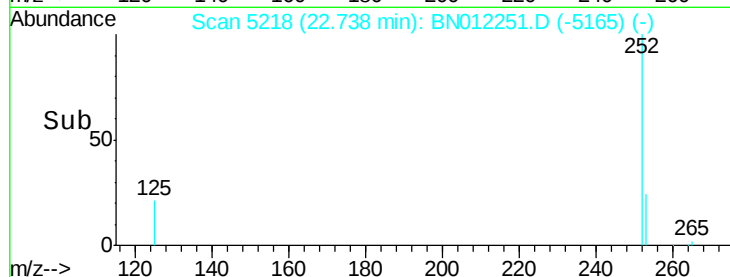
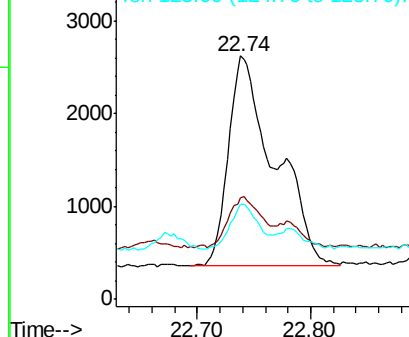
252 100

253 41.7 24.4 36.6#

125 39.1 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: 0.074 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

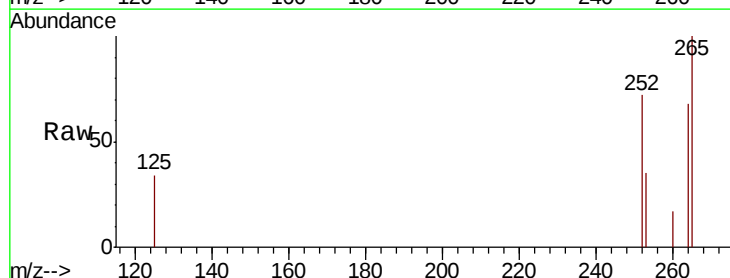
Tgt Ion:252 Resp: 2608

Ion Ratio Lower Upper

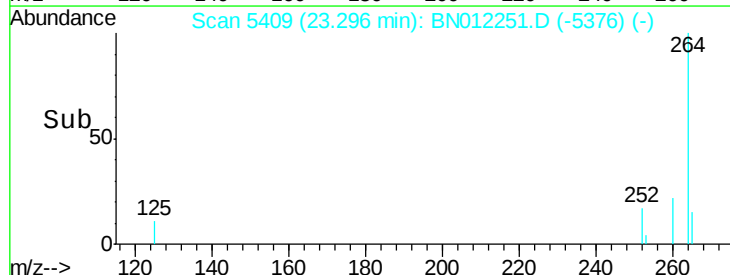
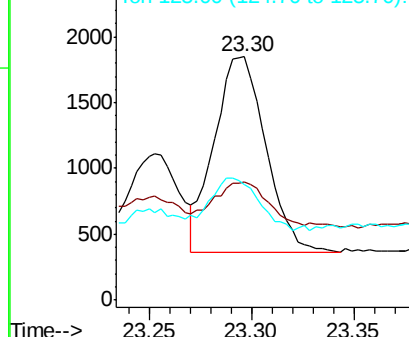
252 100

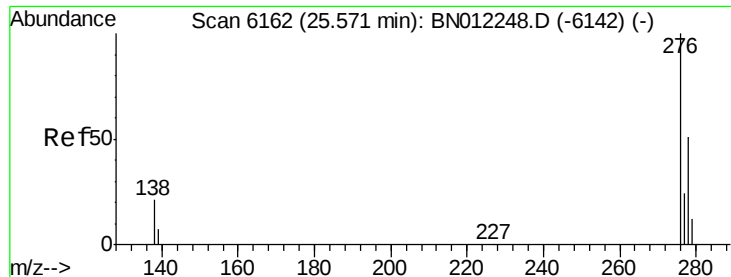
253 48.7 27.0 40.4#

125 47.7 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: 0.048 ng/ul

RT: 25.57 min Scan# 6162

Delta R.T. 0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

Instrument :

BNA_N

ClientSampleId :

C0AQ4

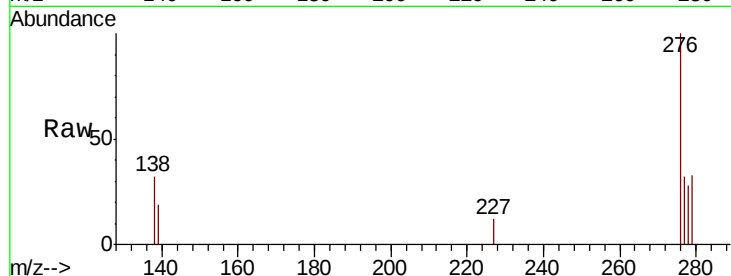
Tot Ion:276 Resp: 2184

Ion Ratio Lower Upper

276 100

138 21.5 0.0 0.0#

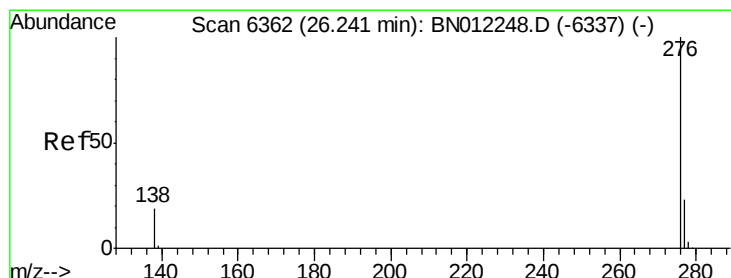
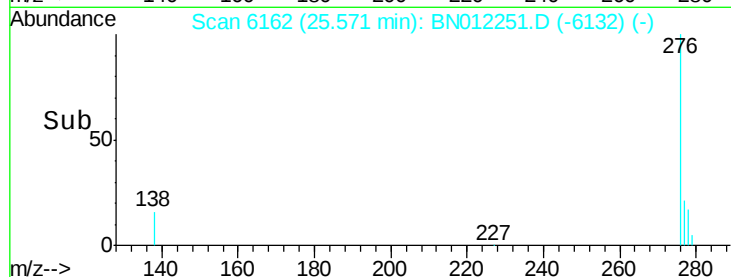
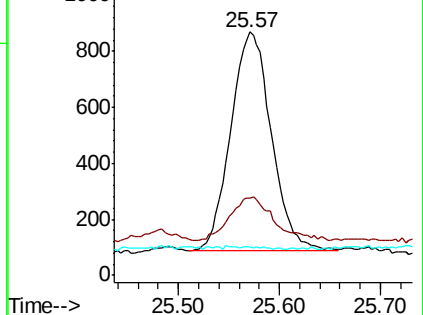
227 0.1 0.0 0.0#



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(g,h,i)perylene

Concen: 0.046 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.00 min

Lab File: BN012251.D

Acq: 16 Oct 2020 03:38

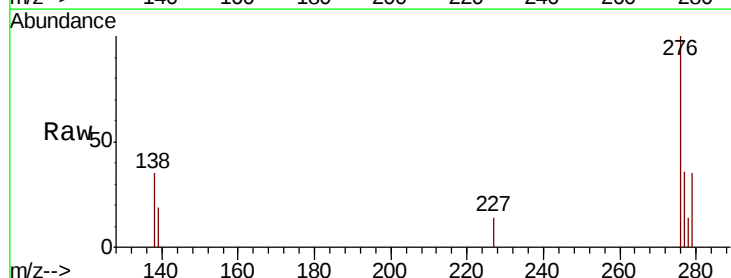
Tgt Ion:276 Resp: 1922

Ion Ratio Lower Upper

276 100

138 35.3 17.1 25.7#

277 36.2 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

