

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012203.D
 Acq On : 14 Oct 2020 20:19
 Operator : CG/JU
 Sample : L4166-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 00:53:50 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

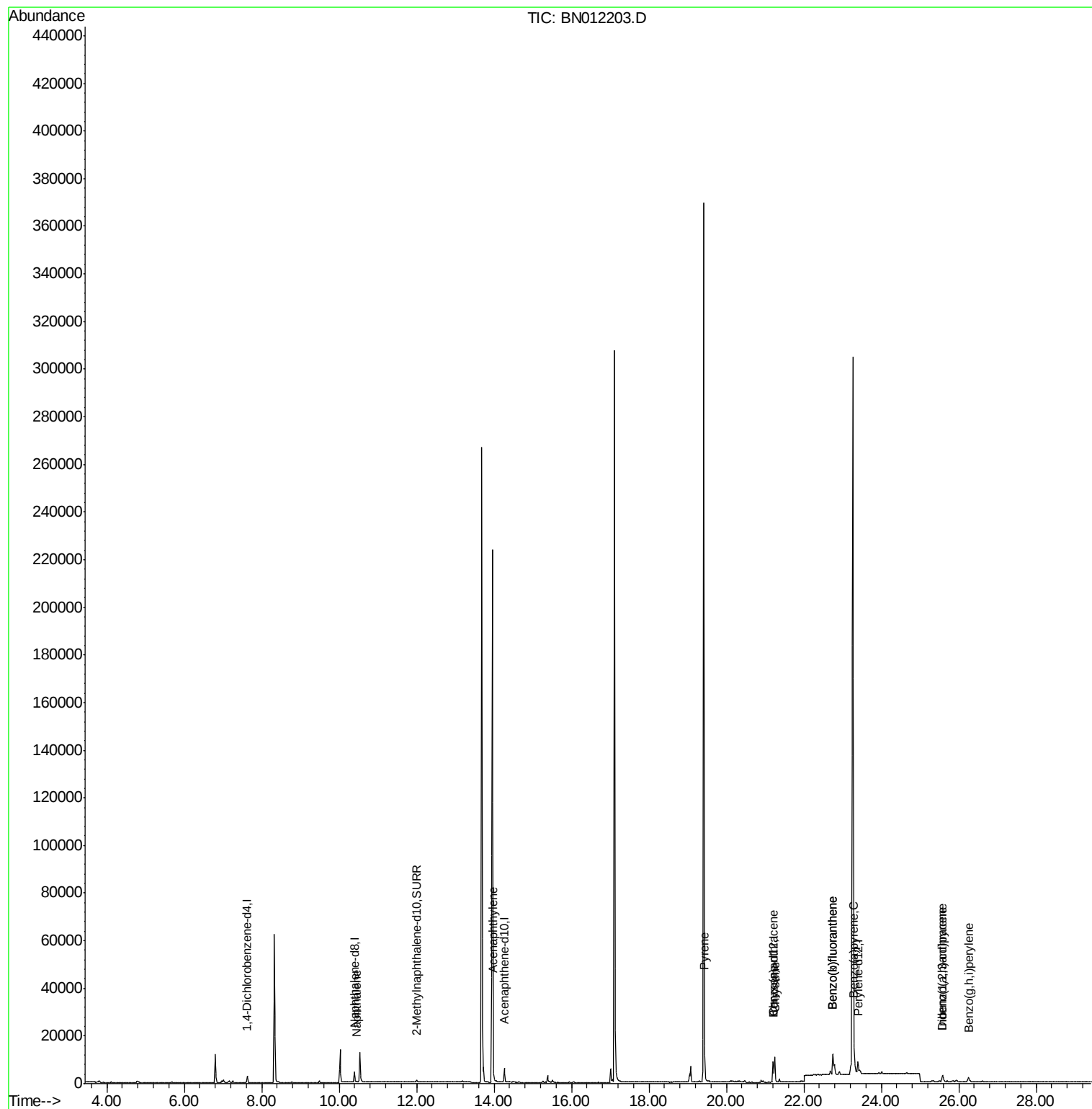
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3310	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.01
16) Chrysene-d12	21.21	240	6078	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6817	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1696	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	3966	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	445	0.028	ng/ul#	68
7) Acenaphthylene	13.98	152	748	0.052	ng/ul#	81
17) Pyrene	19.44	202	8093	0.295	ng/ul	100
18) Benzo(a)anthracene	21.19	228	5797	0.257	ng/ul	97
19) Chrysene	21.25	228	10849	0.396	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	17917	0.651	ng/ul	98
22) Benzo(k)fluoranthene	22.75	252	17917	0.588	ng/ul#	96
23) Benzo(a)pyrene	23.30	252	6990	0.261	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.58	276	4490	0.130	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1236	0.045	ng/ul#	44
26) Benzo(g,h,i)perylene	26.25	276	3803	0.121	ng/ul#	92

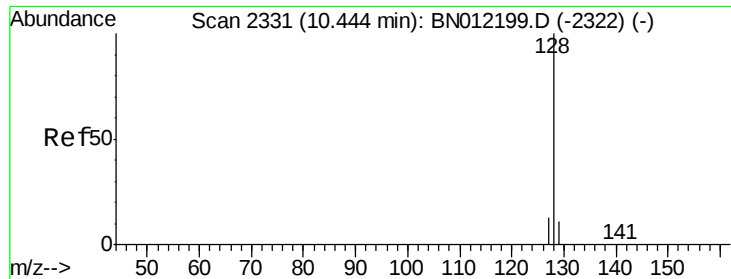
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

Instrument :

BNA_N

ClientSampleId :

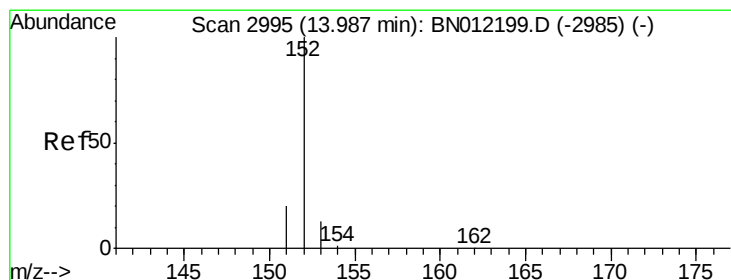
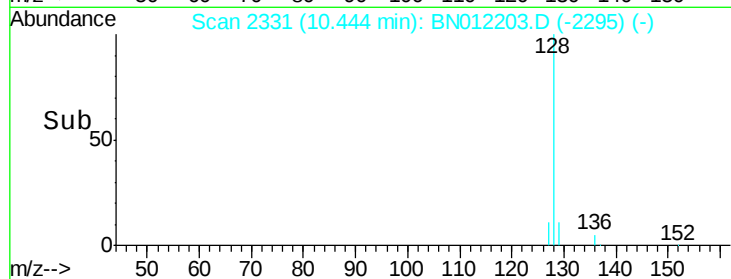
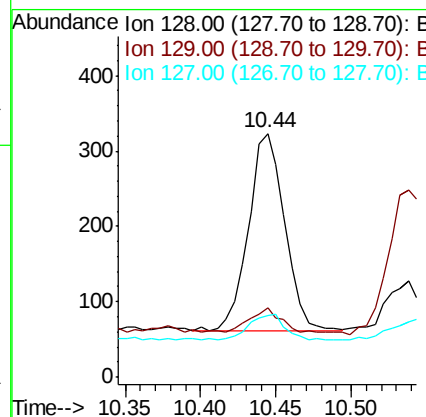
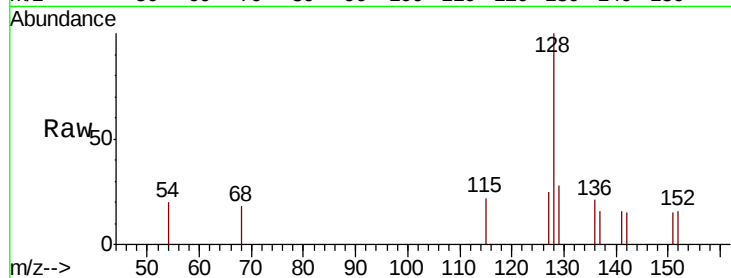
Tot Ion:128 Resp: 445

Ion Ratio Lower Upper

128 100

129 28.5 10.3 15.5#

127 25.4 11.9 17.9#



#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

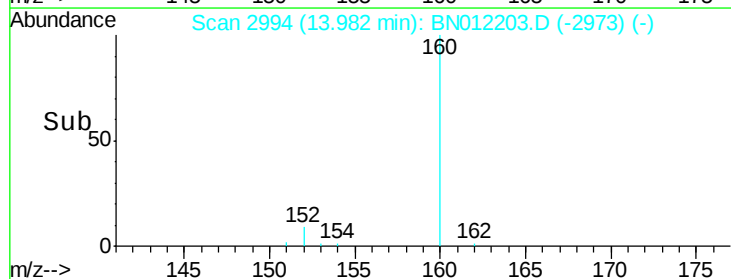
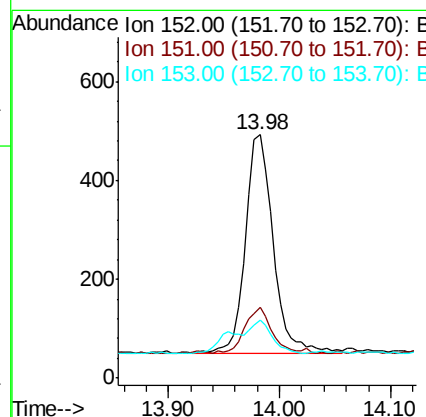
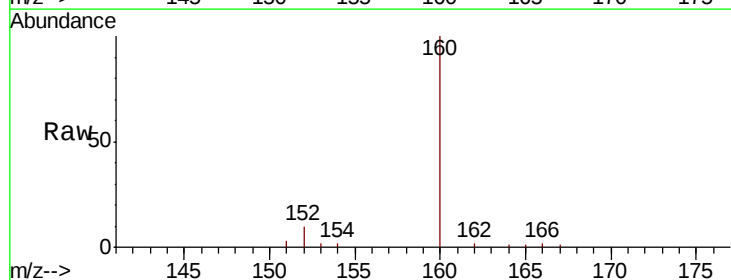
Tgt Ion:152 Resp: 748

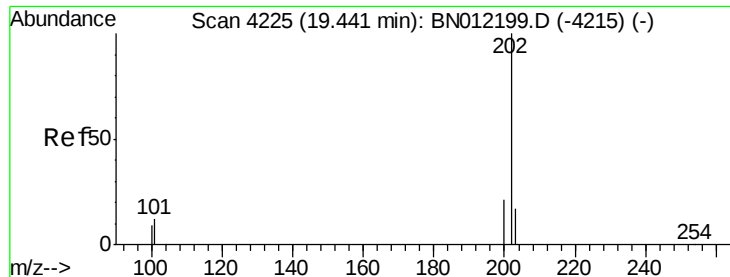
Ion Ratio Lower Upper

152 100

151 28.8 16.7 25.1#

153 23.9 11.8 17.8#





#17

Pvrene

Concen: 0.295 ng/ul

RT: 19.44 min Scan# 4225

Delta R.T. -0.00 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

Instrument :

BNA_N

ClientSampleId :

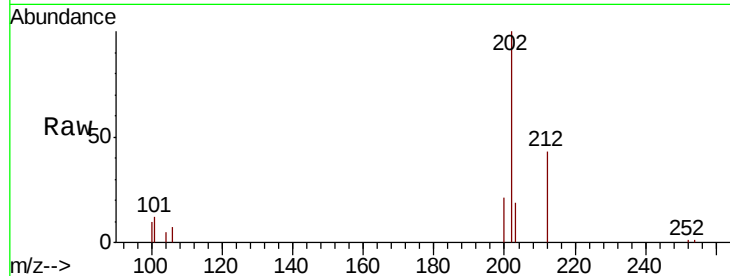
Tot Ion:202 Resp: 8093

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

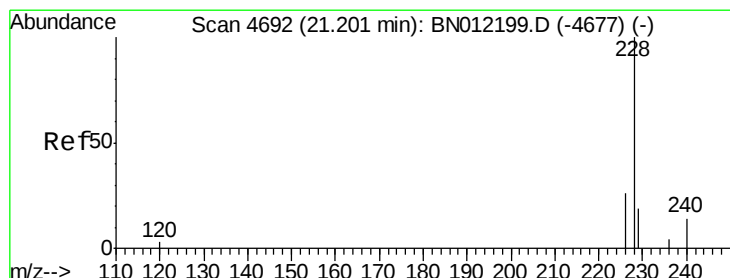
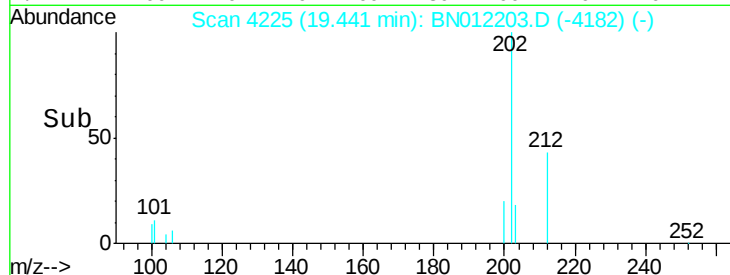
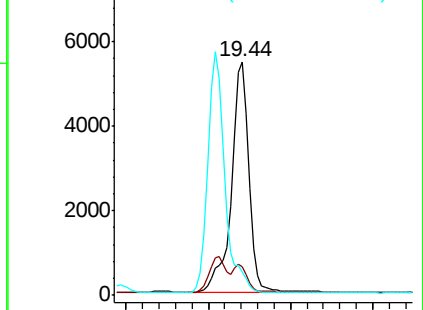
100 10.2 8.0 12.0



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: 0.257 ng/ul

RT: 21.19 min Scan# 4690

Delta R.T. -0.01 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

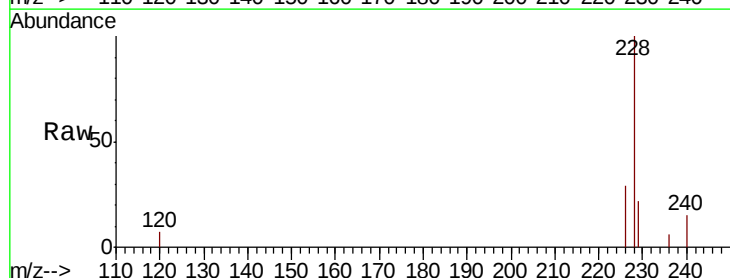
Tgt Ion:228 Resp: 5797

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.8

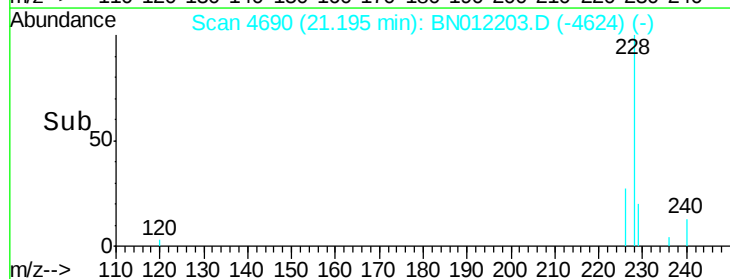
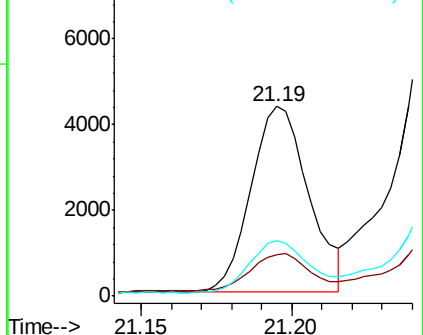
226 28.9 22.6 33.8

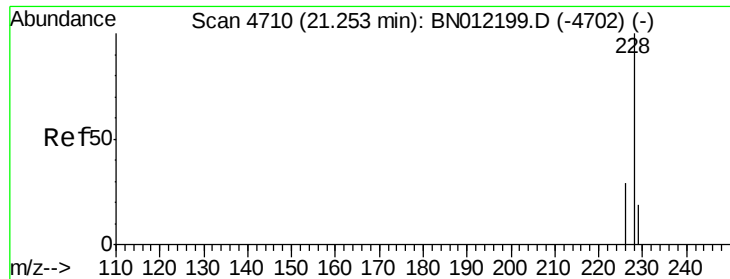


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.396 ng/ul

RT: 21.25 min Scan# 4708

Delta R.T. -0.01 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

Instrument :

BNA_N

ClientSampleId :

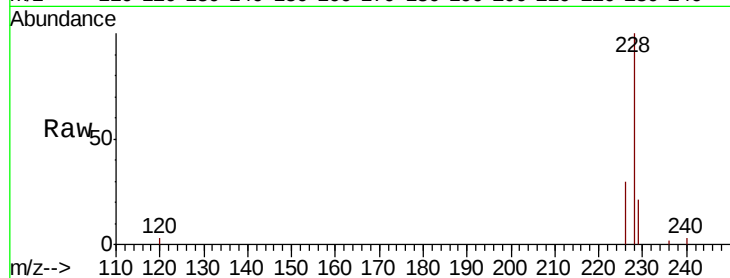
Tot Ion:228 Resp: 10849

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

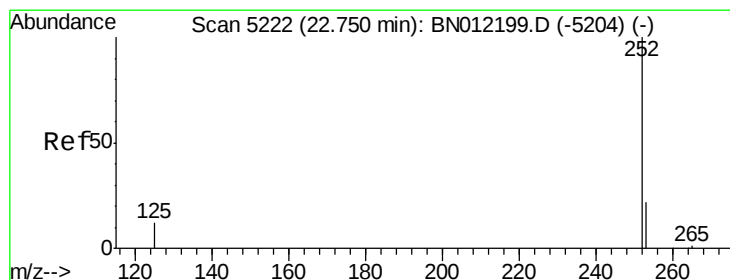
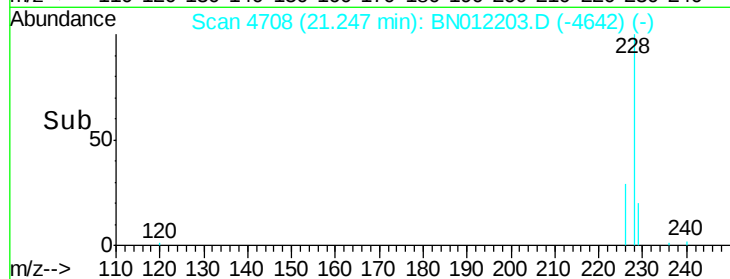
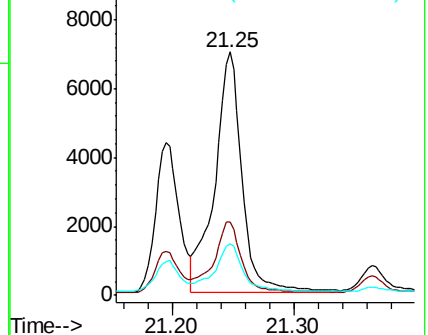
229 21.2 17.0 25.6



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: 0.651 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.00 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

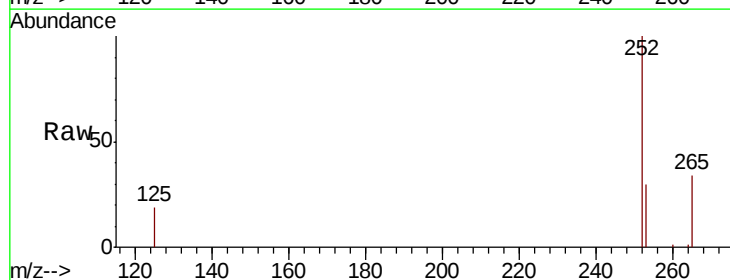
Tgt Ion:252 Resp: 17917

Ion Ratio Lower Upper

252 100

253 29.6 0.0 61.6

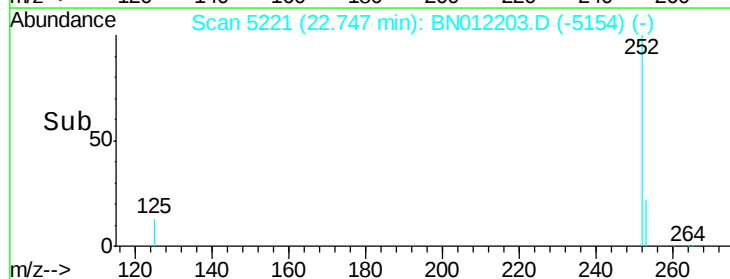
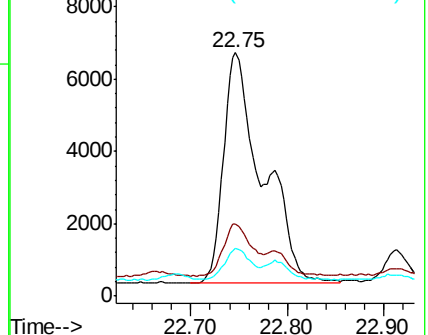
125 19.5 0.0 36.8

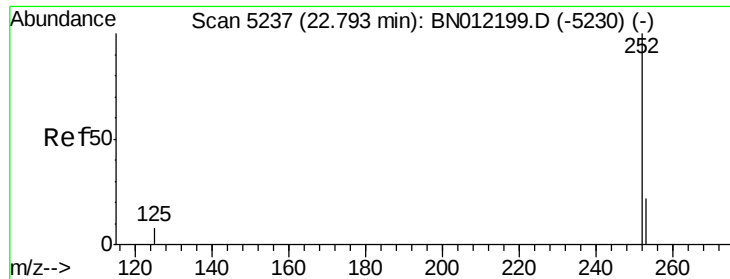


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.588 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.05 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

Instrument :

BNA_N

ClientSampleId :

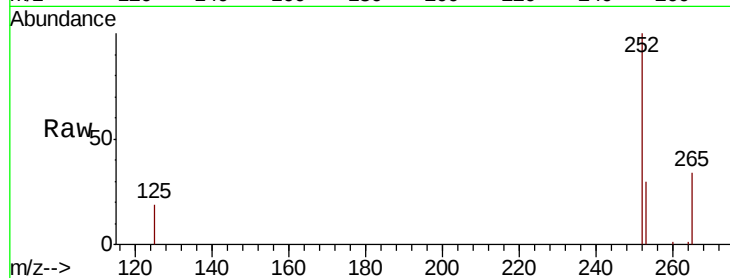
Tot Ion:252 Resp: 17917

Ion Ratio Lower Upper

252 100

253 29.6 24.4 36.6

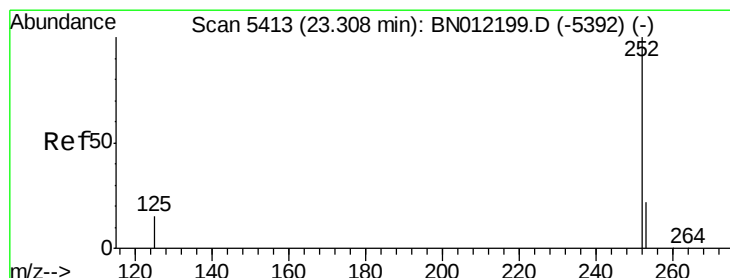
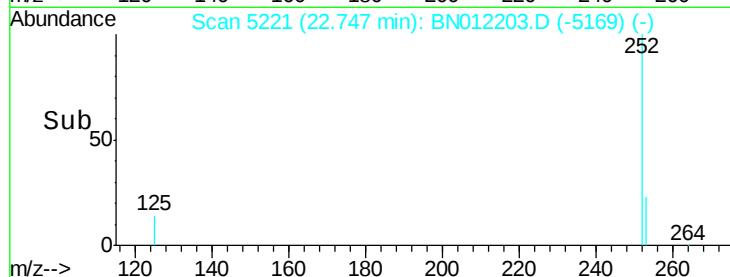
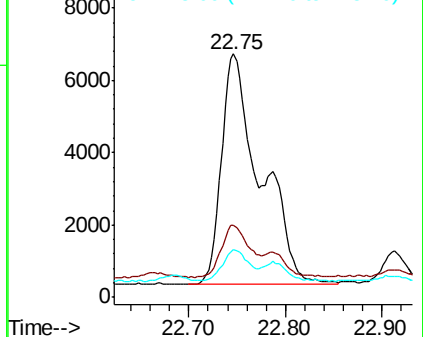
125 19.5 12.9 19.3#



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: 0.261 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.01 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

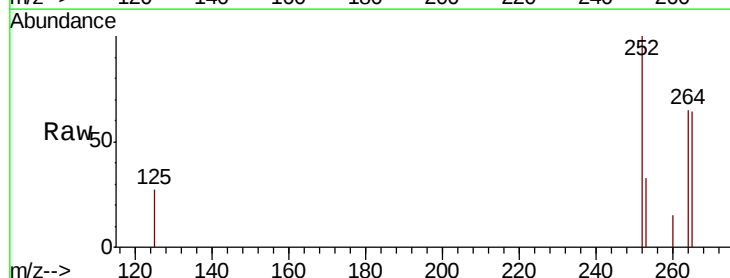
Tgt Ion:252 Resp: 6990

Ion Ratio Lower Upper

252 100

253 32.7 27.0 40.4

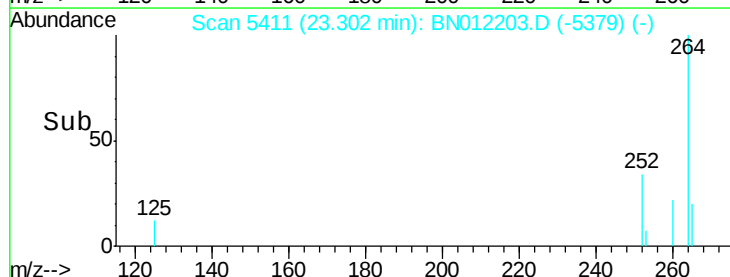
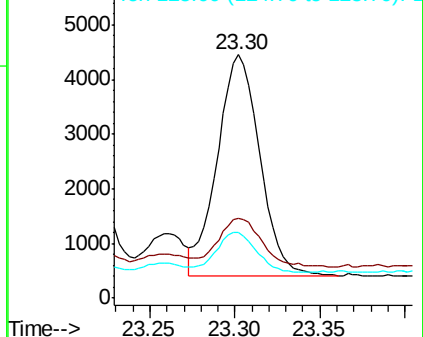
125 26.7 18.8 28.2

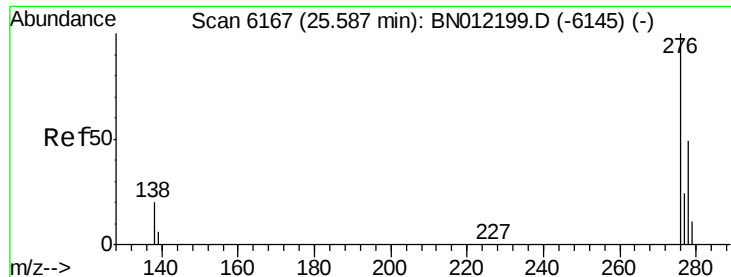


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

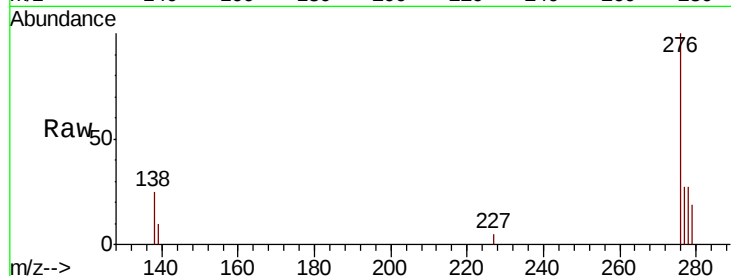




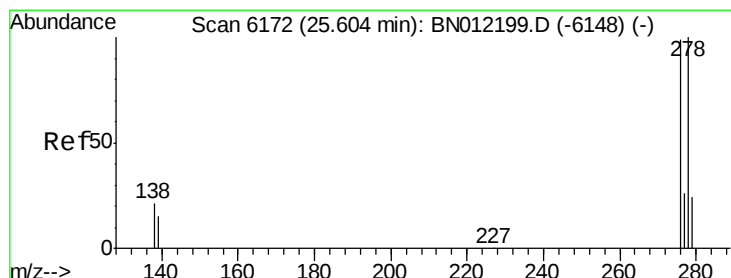
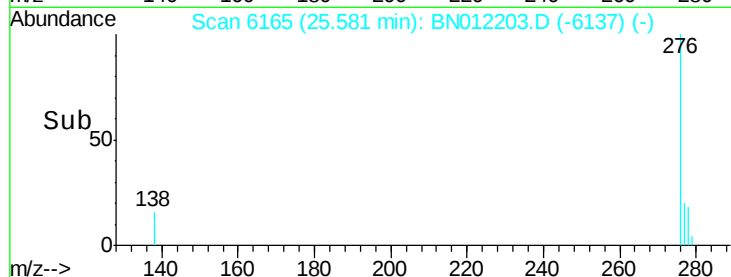
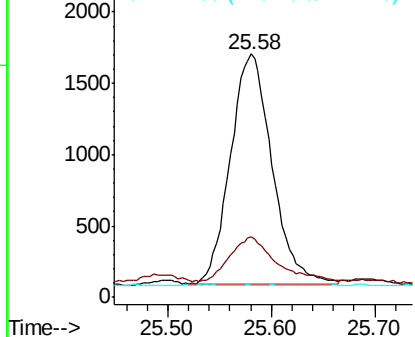
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.130 ng/ul
 RT: 25.58 min Scan# 6165
 Delta R.T. -0.01 min
 Lab File: BN012203.D
 Acq: 14 Oct 2020 20:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 4490
 Ion Ratio Lower Upper
 276 100
 138 21.2 0.0 0.0#
 227 0.1 0.0 0.0#

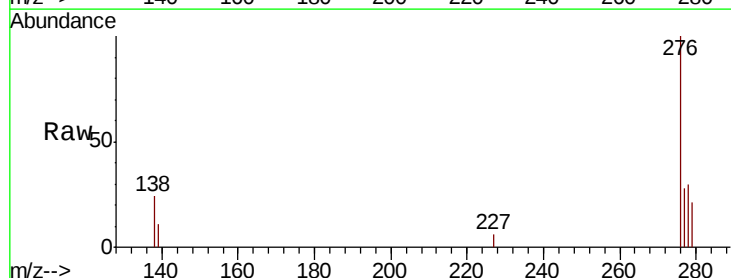


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

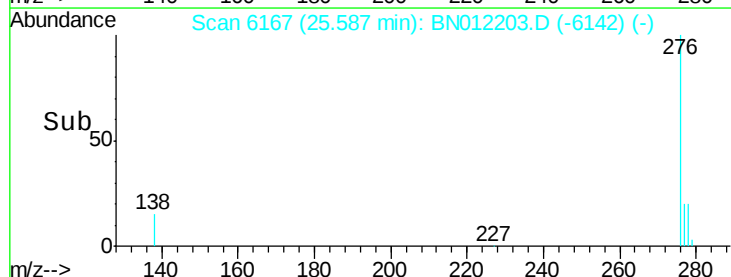
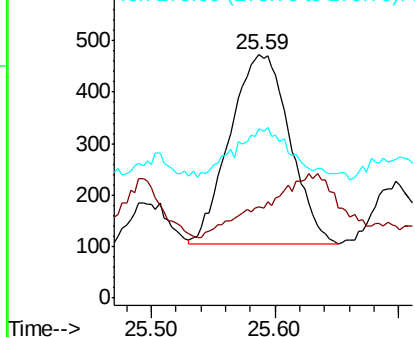


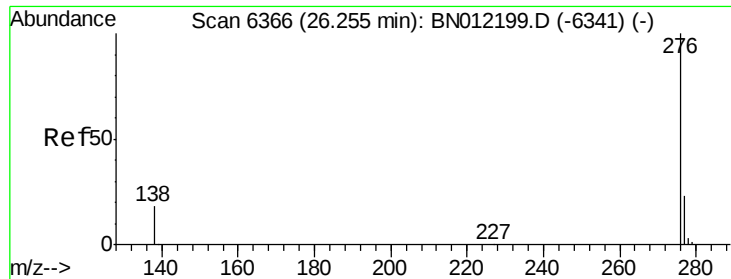
#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 25.59 min Scan# 6167
 Delta R.T. -0.02 min
 Lab File: BN012203.D
 Acq: 14 Oct 2020 20:19

Tgt Ion:278 Resp: 1236
 Ion Ratio Lower Upper
 278 100
 139 37.4 15.7 23.5#
 279 69.8 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(a,h,i)perylene

Concen: 0.121 ng/ul

RT: 26.25 min Scan# 6365

Delta R.T. -0.00 min

Lab File: BN012203.D

Acq: 14 Oct 2020 20:19

Instrument :

BNA_N

ClientSampleId :

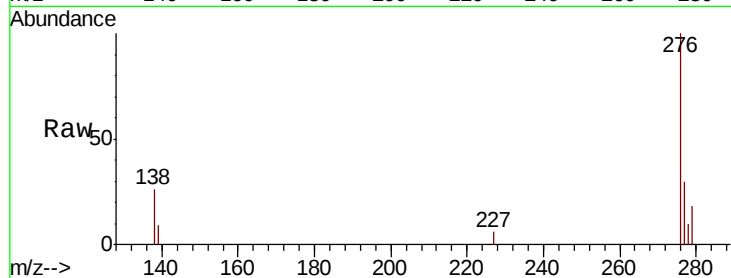
Tot Ion:276 Resp: 3803

Ion Ratio Lower Upper

276 100

138 26.2 17.1 25.7#

277 29.8 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

