

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012980.D
 Acq On : 08 Dec 2020 17:52
 Operator : CG/JU
 Sample : L4862-05DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56DL

Quant Time: Dec 09 00:14:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:11:42 2020
 Response via : Initial Calibration

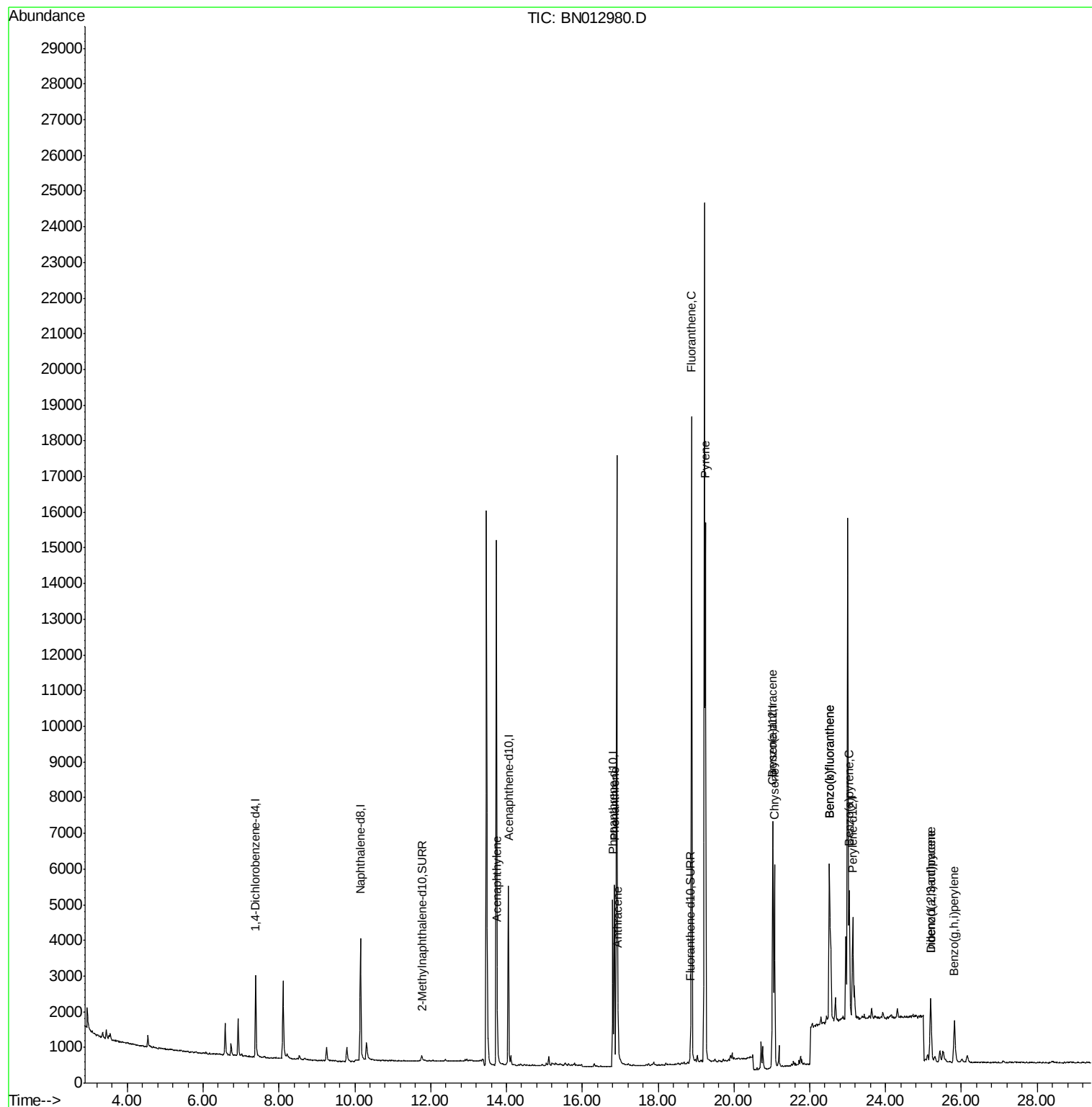
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4902	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5454	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3753	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	294	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	603	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	370	0.029	ng/ul#	73
12) Phenanthrene	16.85	178	5311	0.290	ng/ul	100
13) Anthracene	16.94	178	1312	0.084	ng/ul#	94
15) Fluoranthene	18.88	202	15735	0.724	ng/ul	96
17) Pyrene	19.25	202	12714	0.717	ng/ul	98
18) Benzo(a)anthracene	21.02	228	5263	0.339	ng/ul	99
19) Chrysene	21.07	228	5590	0.326	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	9246	0.593	ng/ul	96
22) Benzo(k)fluoranthene	22.52	252	9242	0.537	ng/ul#	97
23) Benzo(a)pyrene	23.04	252	4103	0.284	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	2742	0.144	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	666	0.044	ng/ul#	42
26) Benzo(g,h,i)perylene	25.82	276	2373	0.138	ng/ul#	92

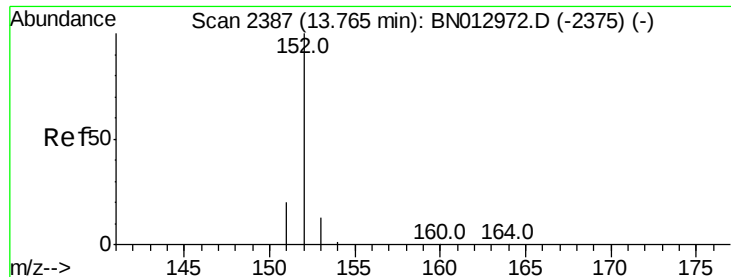
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:11:42 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

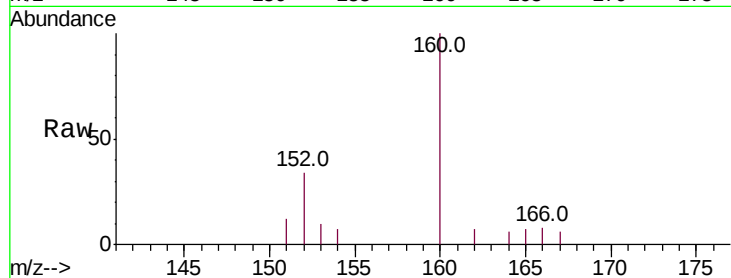
Tot Ion:152 Resp: 370

Ion Ratio Lower Upper

152 100

151 34.4 18.2 27.4#

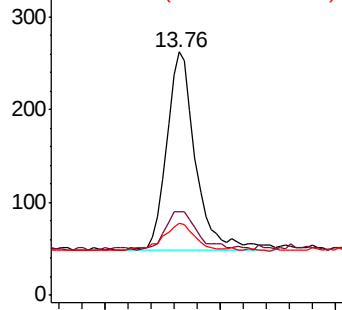
153 29.4 13.1 19.7#



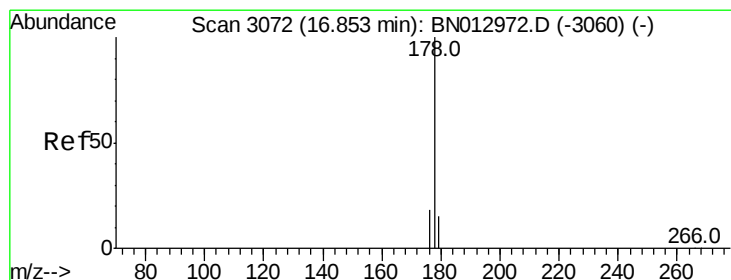
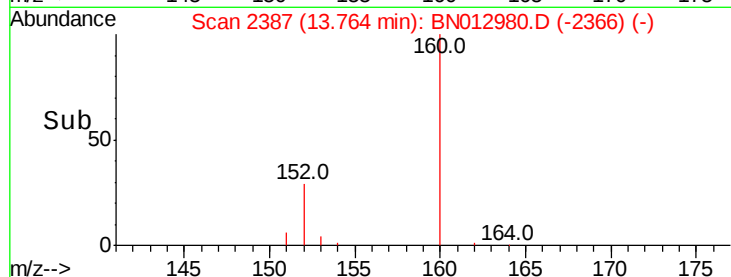
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.290 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

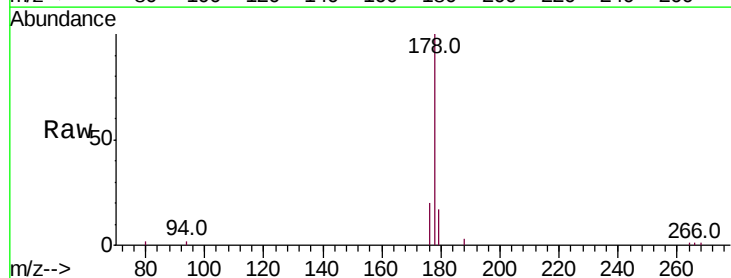
Tgt Ion:178 Resp: 5311

Ion Ratio Lower Upper

178 100

179 16.8 13.6 20.4

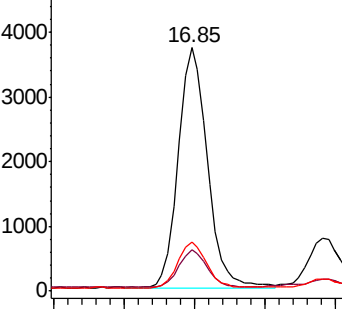
176 20.4 16.4 24.6



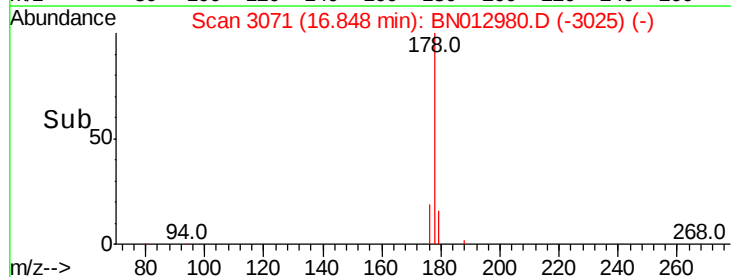
Abundance Ion 178.00 (177.70 to 178.70): E

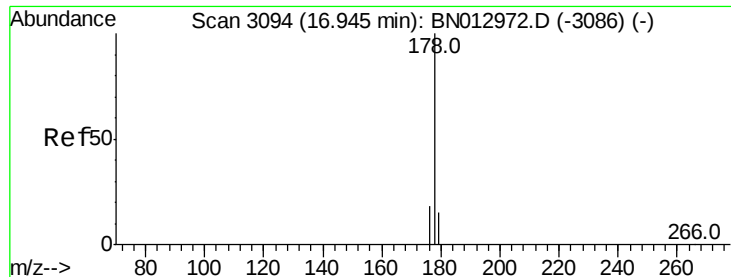
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.084 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

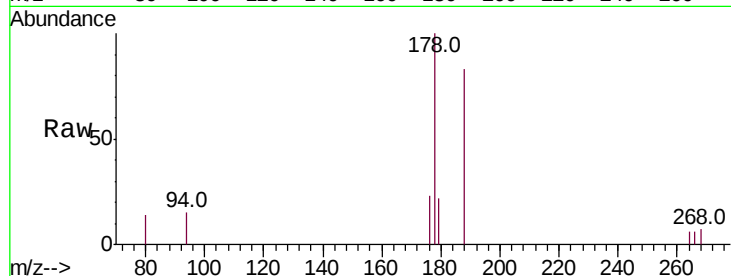
Tot Ion:178 Resp: 1312

Ion Ratio Lower Upper

178 100

179 22.2 14.6 21.8#

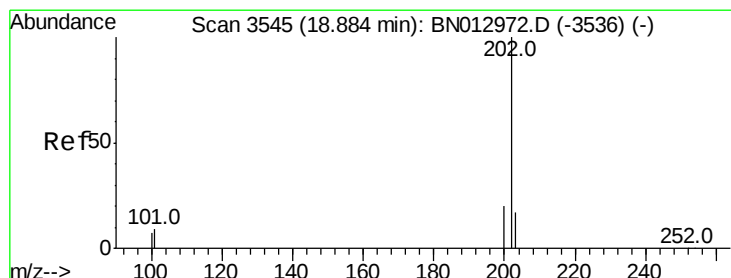
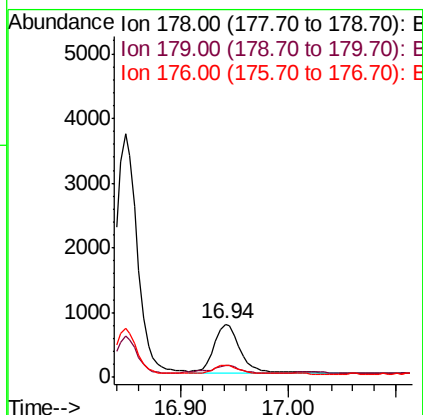
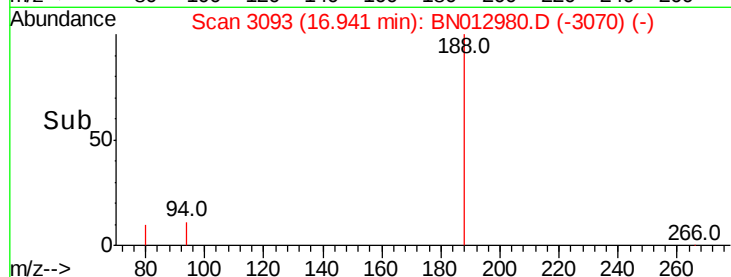
176 23.0 17.1 25.7



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: 0.724 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

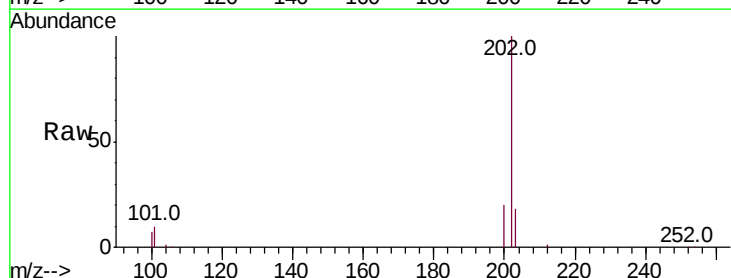
Tgt Ion:202 Resp: 15735

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.6

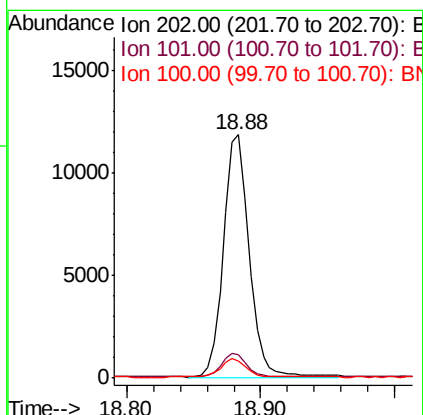
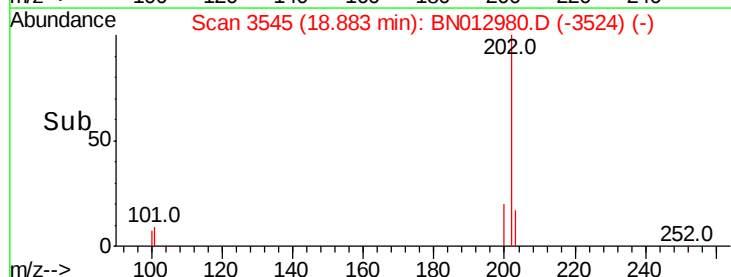
100 7.1 0.0 28.7

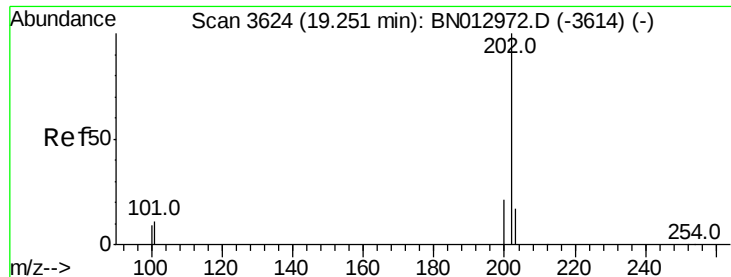


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.717 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

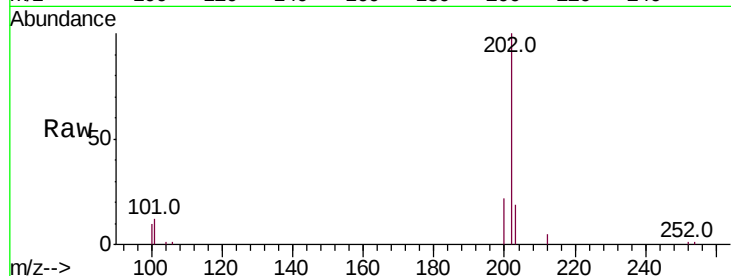
Tot Ion:202 Resp: 12714

Ion Ratio Lower Upper

202 100

101 12.3 9.1 13.7

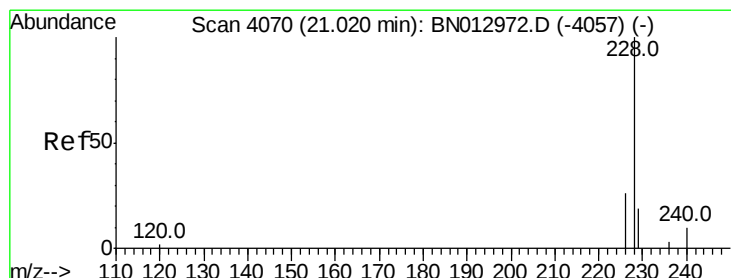
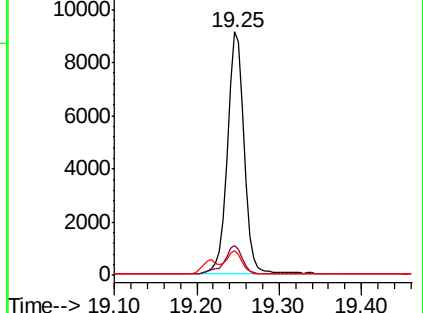
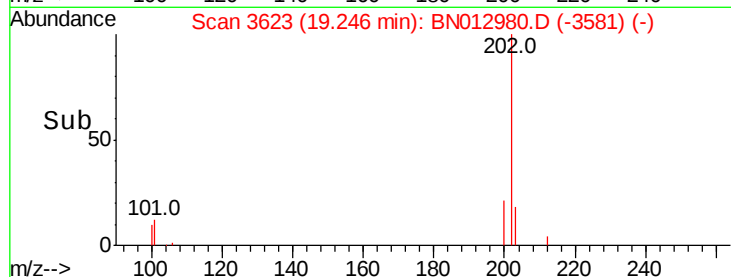
100 10.2 7.5 11.3



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: 0.339 ng/ul

RT: 21.02 min Scan# 4069

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

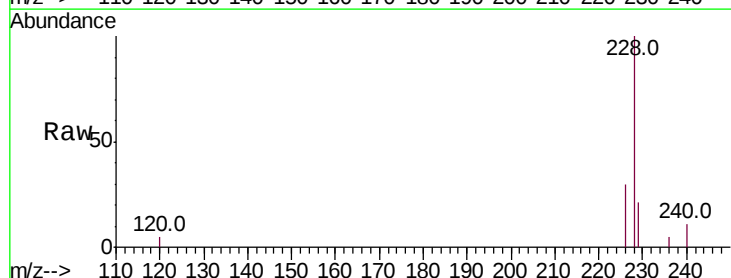
Tgt Ion:228 Resp: 5263

Ion Ratio Lower Upper

228 100

229 20.9 16.3 24.5

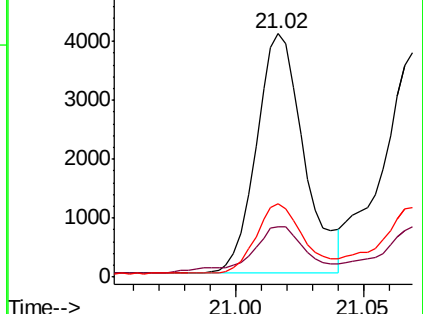
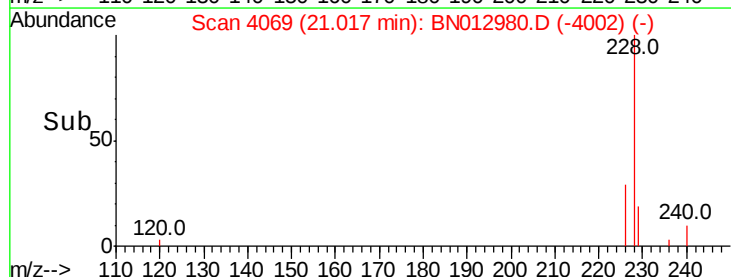
226 30.0 23.4 35.2

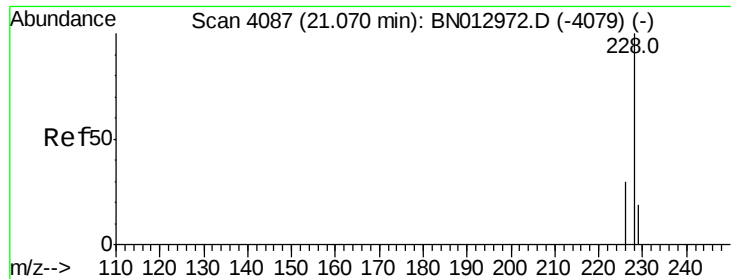


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.326 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

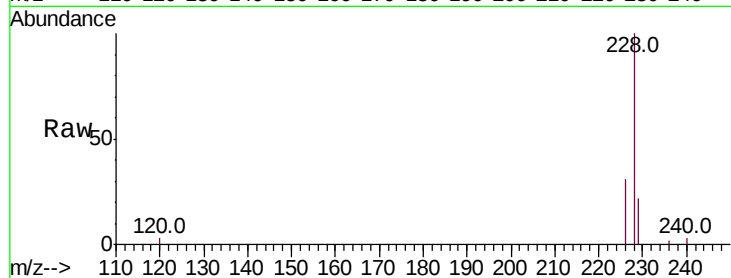
Tot Ion:228 Resp: 5590

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

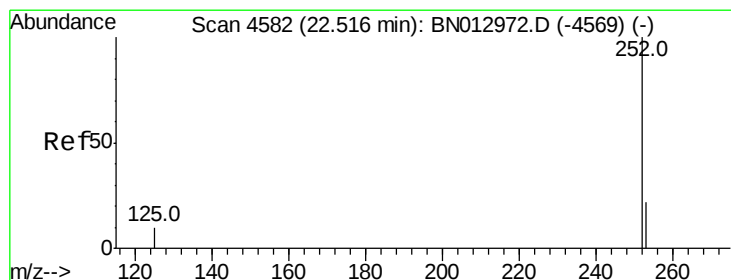
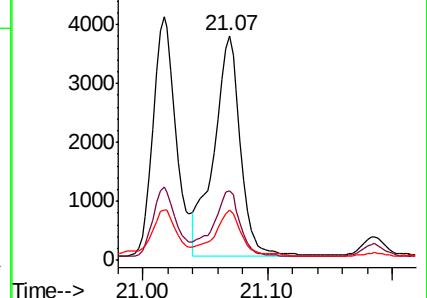
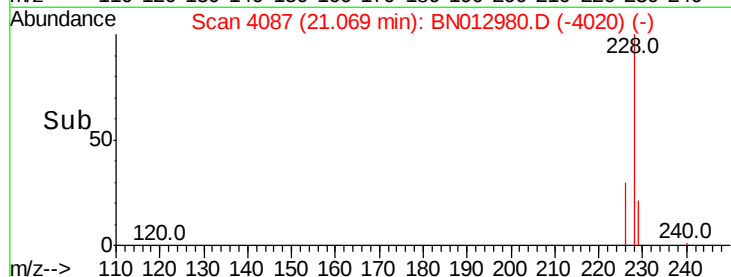
229 22.3 16.4 24.6



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: 0.593 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

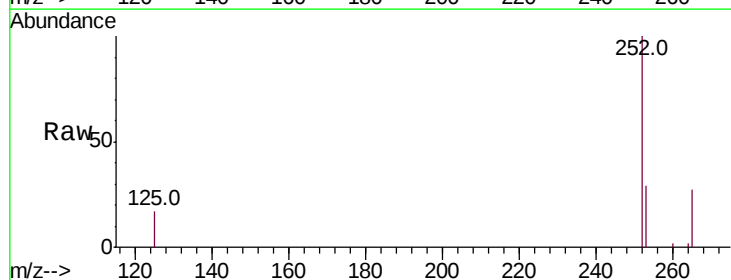
Tgt Ion:252 Resp: 9246

Ion Ratio Lower Upper

252 100

253 29.3 0.0 59.6

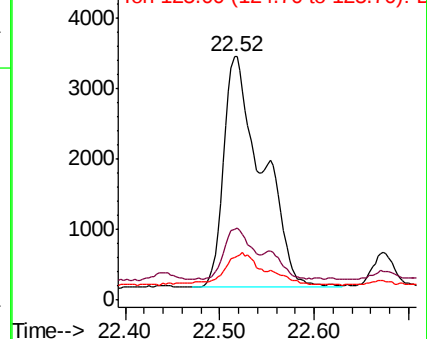
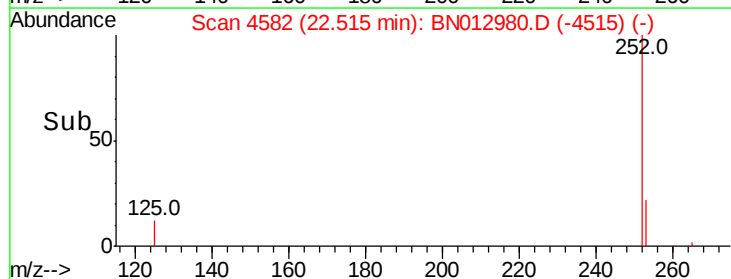
125 17.4 0.0 26.0

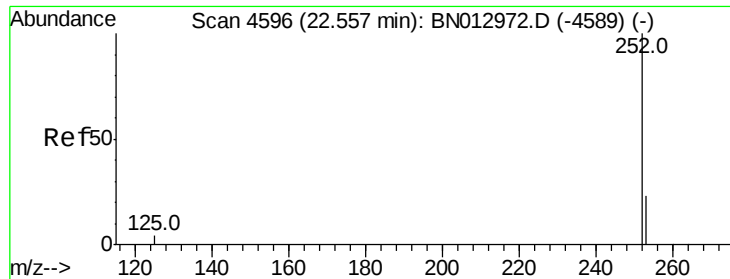


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.537 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.04 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

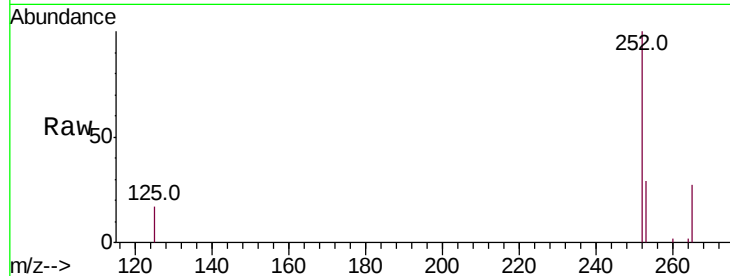
Tot Ion:252 Resp: 9242

Ion Ratio Lower Upper

252 100

253 29.3 23.4 35.2

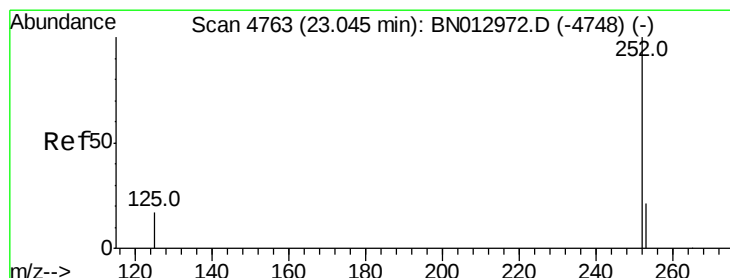
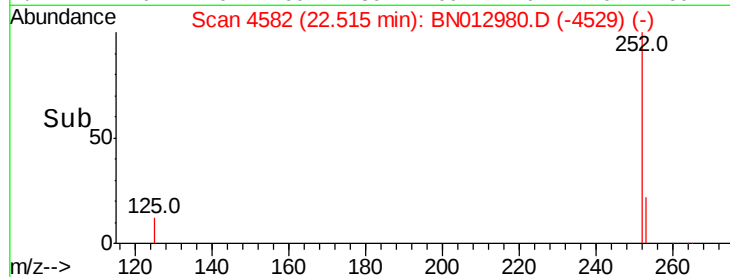
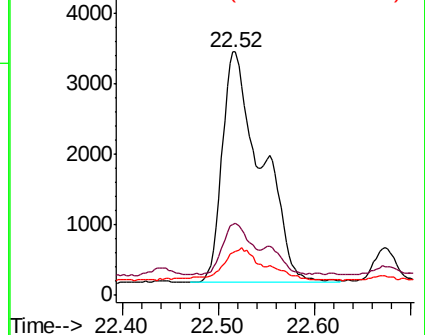
125 17.4 11.1 16.7#



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: 0.284 ng/ul

RT: 23.04 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

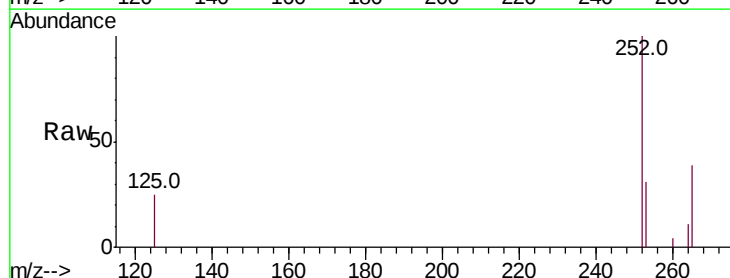
Tgt Ion:252 Resp: 4103

Ion Ratio Lower Upper

252 100

253 31.3 26.5 39.7

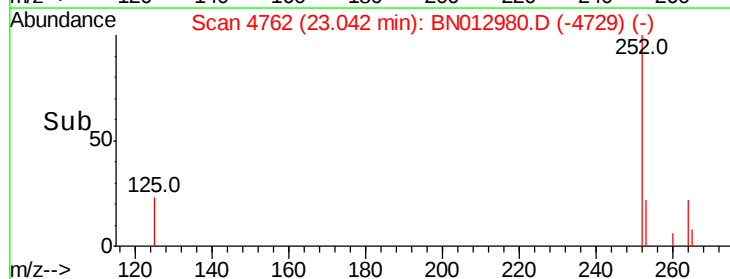
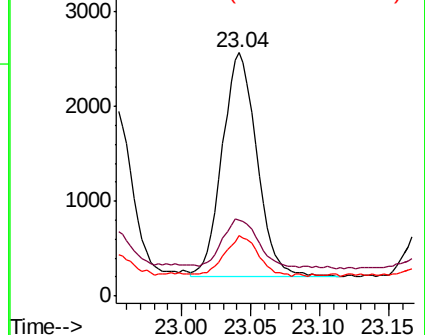
125 24.6 14.2 21.2#

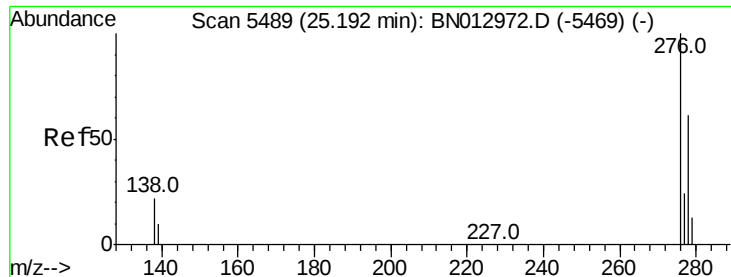


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



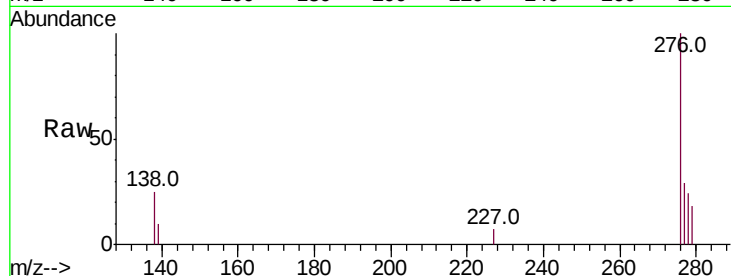


#24

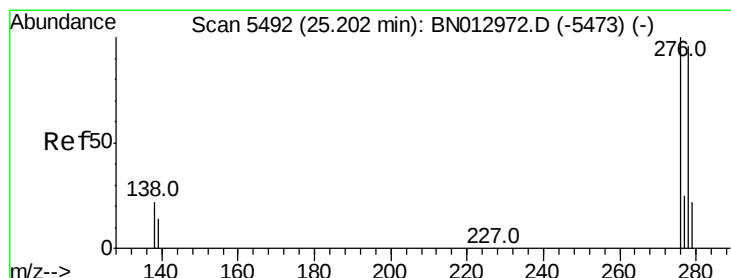
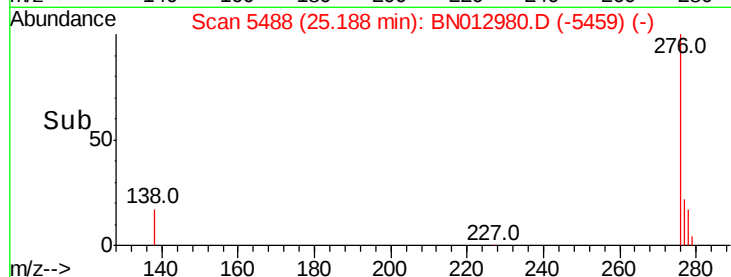
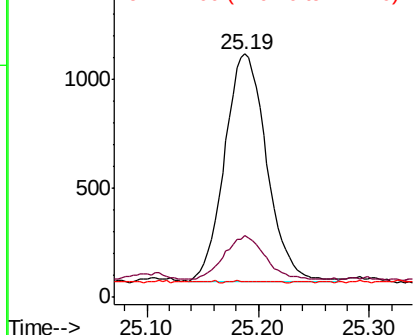
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012980.D
Acq: 08 Dec 2020 17:52

Instrument :
BNA_N
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C0B56DL

Tot Ion:276 Resp: 2742
Ion Ratio Lower Upper
276 100
138 18.6 16.2 24.2
227 0.4 0.0 0.0#



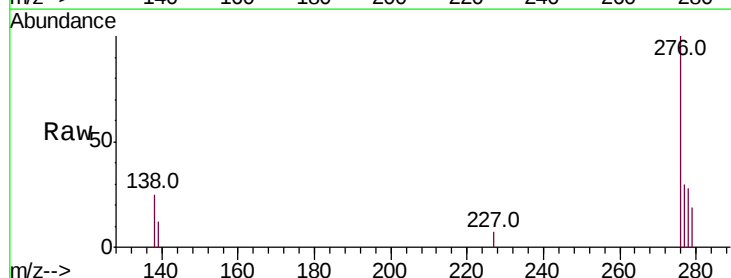
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



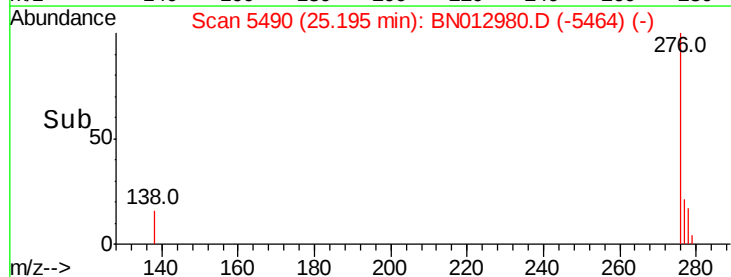
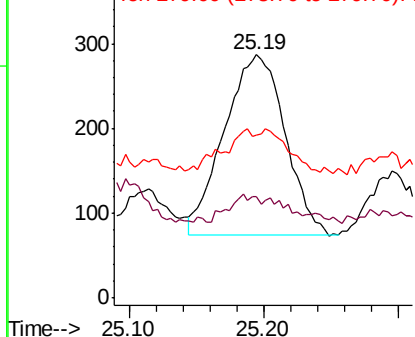
#25

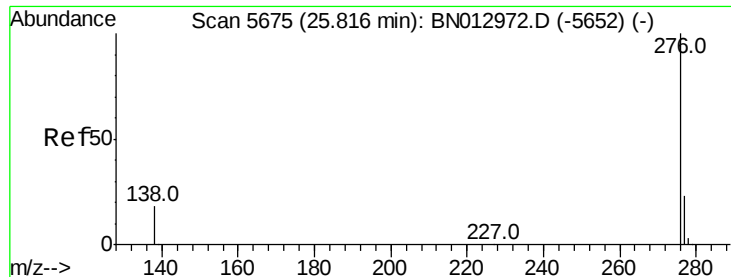
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012980.D
Acq: 08 Dec 2020 17:52

Tgt Ion:278 Resp: 666
Ion Ratio Lower Upper
278 100
139 41.5 14.5 21.7#
279 66.9 26.3 39.5#



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: 0.138 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN012980.D

Acq: 08 Dec 2020 17:52

Instrument :

BNA_N

ClientSampleId :

C0B56DL

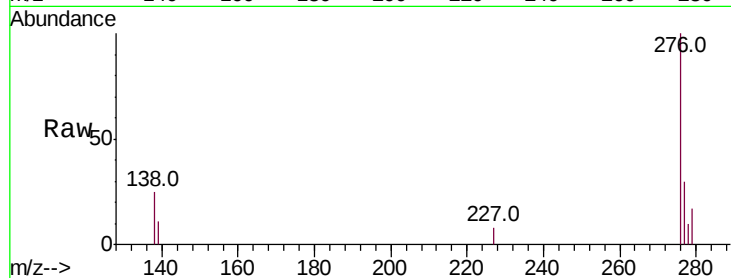
Tot Ion:276 Resp: 2373

Ion Ratio Lower Upper

276 100

138 25.3 16.3 24.5#

277 30.2 21.8 32.6



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

