

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003002.D
 Acq On : 09 Oct 2018 00:02
 Operator : MJ/SJ
 Sample : J5115-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 01:16:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 01:14:49 2018
 Response via : Initial Calibration

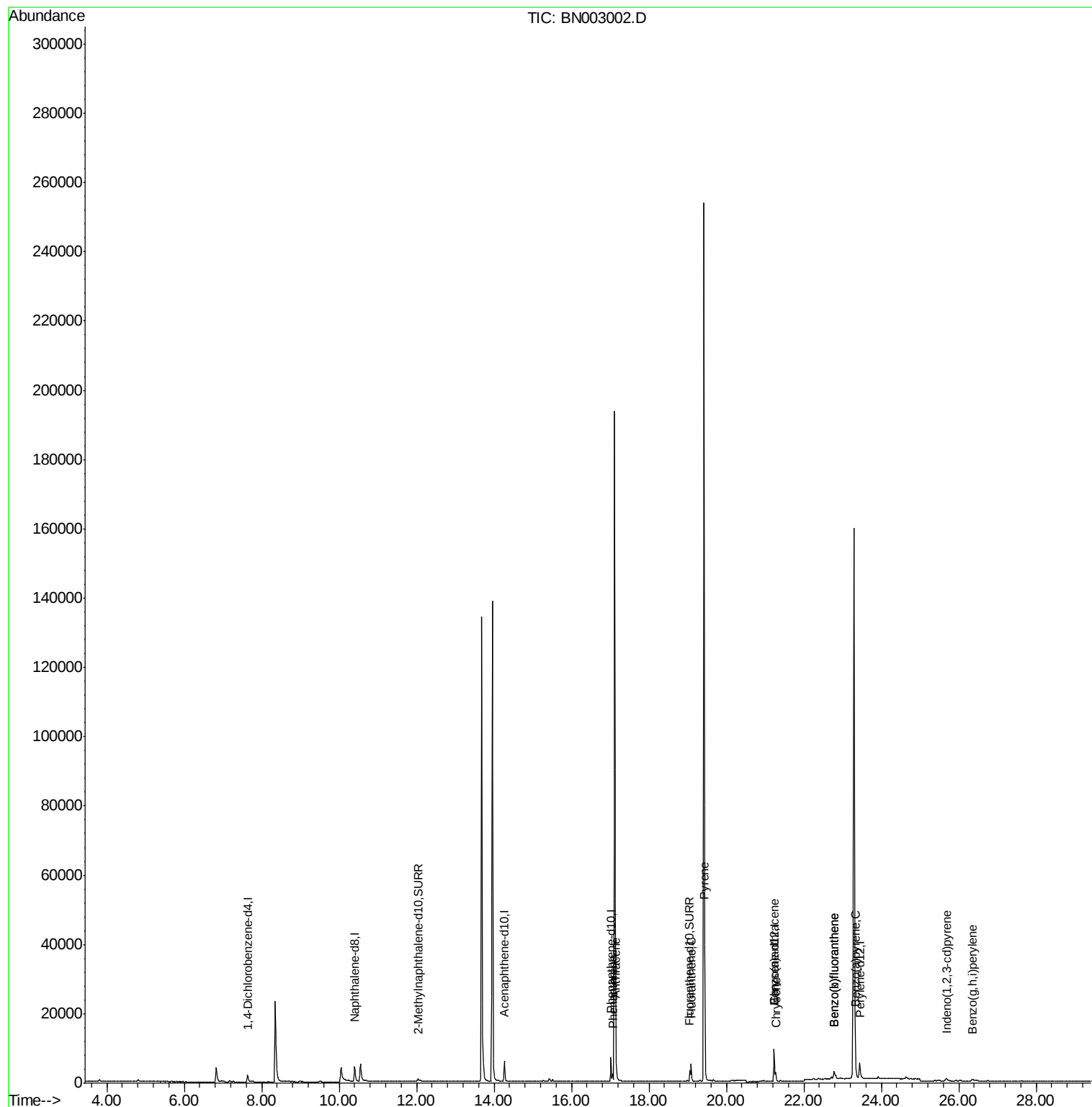
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1417	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	5956	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3529	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8083	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	8098	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	7119	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1317	0.14	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	3525	0.15	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.06	178	2363	0.105	ng/ul	97
13) Anthracene	17.15	178	430	0.020	ng/ul#	59
15) Fluoranthene	19.09	202	4445	0.168	ng/ul	96
17) Pyrene	19.45	202	4776	0.152	ng/ul	95
18) Benzo(a)anthracene	21.22	228	1735	0.067	ng/ul#	91
19) Chrysene	21.27	228	2891	0.109	ng/ul	94
21) Benzo(b)fluoranthene	22.79	252	4936	0.193	ng/ul	83
22) Benzo(k)fluoranthene	22.79	252	4936	0.186	ng/ul#	84
23) Benzo(a)pyrene	23.34	252	1805	0.079	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.68	276	1375	0.052	ng/ul	96
26) Benzo(g,h,i)perylene	26.36	276	1328	0.060	ng/ul#	73

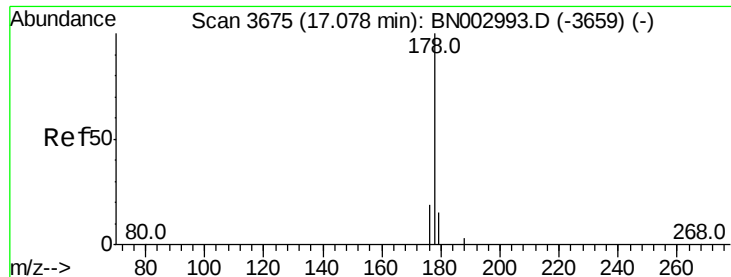
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.105 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampleId :

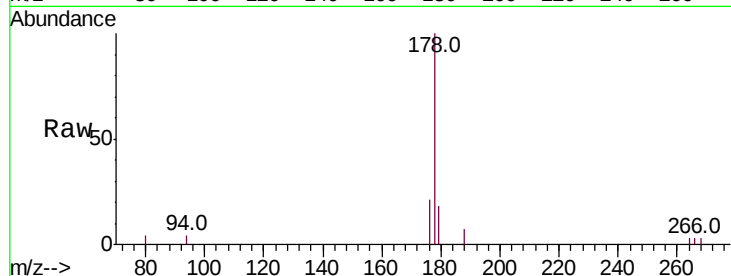
Tot Ion:178 Resp: 2363

Ion Ratio Lower Upper

178 100

179 17.7 12.9 19.3

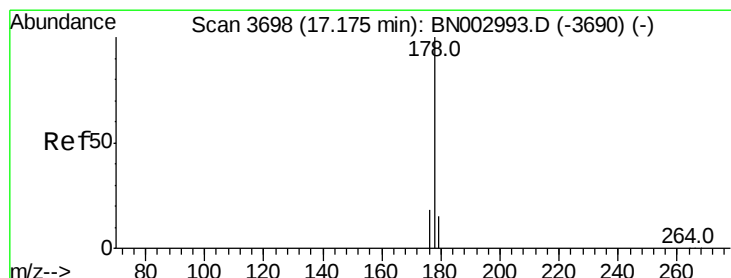
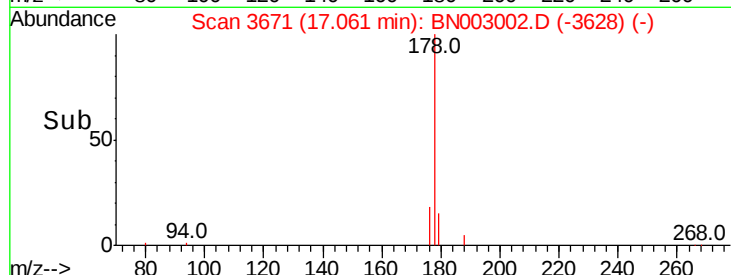
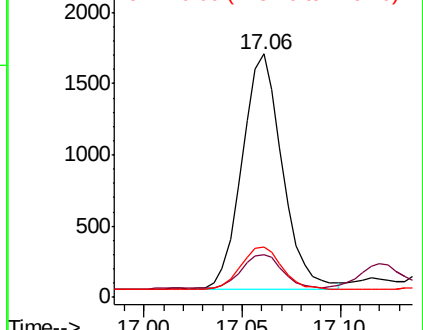
176 20.6 15.4 23.2



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: 0.020 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

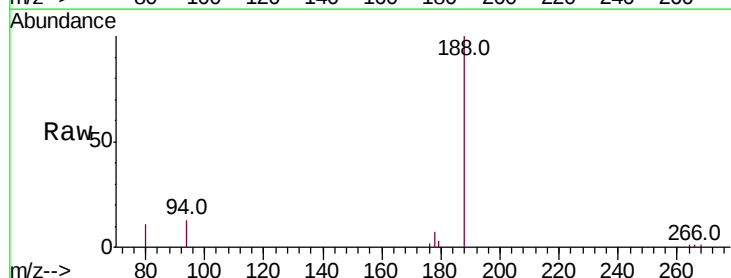
Tgt Ion:178 Resp: 430

Ion Ratio Lower Upper

178 100

179 38.2 13.0 19.6#

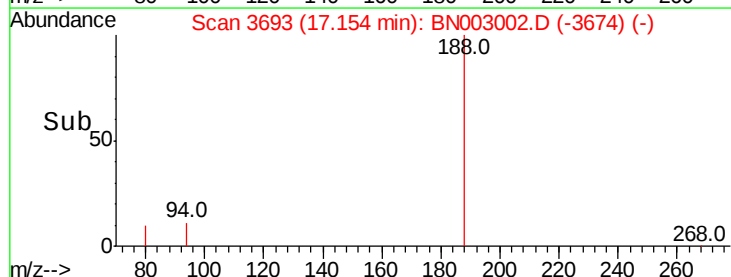
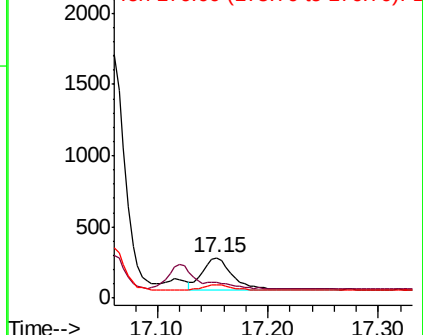
176 34.0 15.3 22.9#

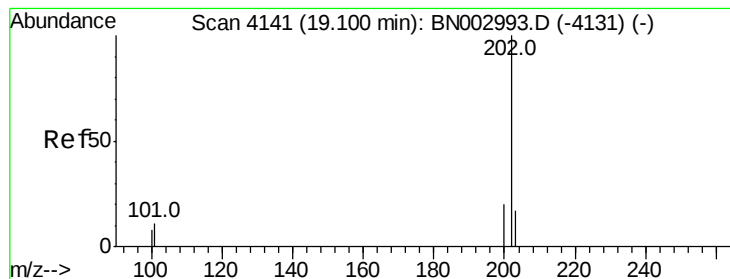


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.168 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampleId :

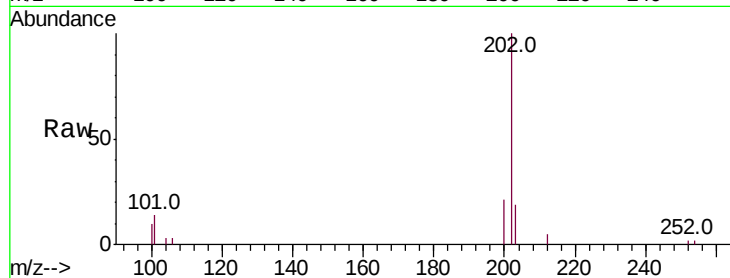
Tot Ion:202 Resp: 4445

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.3

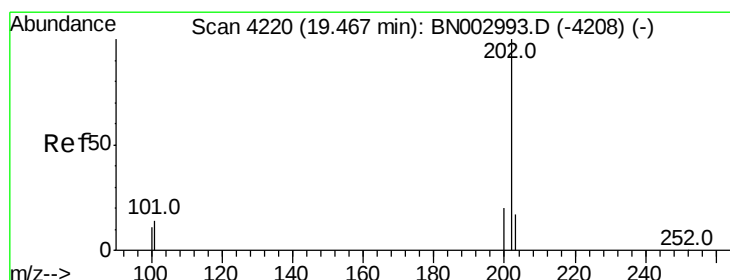
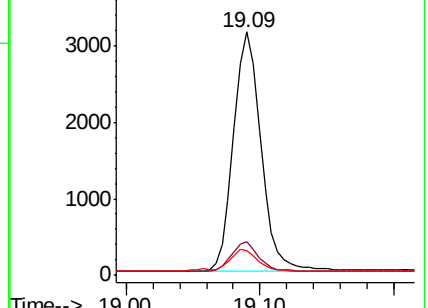
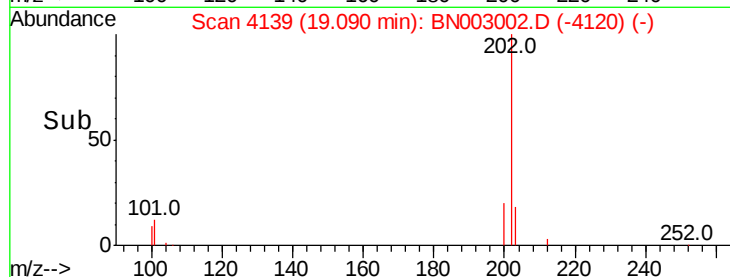
100 10.4 0.0 29.1



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: 0.152 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

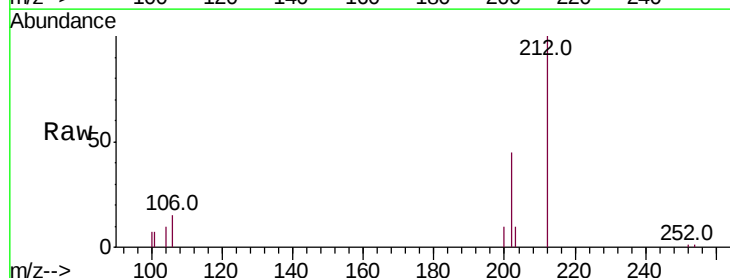
Tgt Ion:202 Resp: 4776

Ion Ratio Lower Upper

202 100

101 16.5 11.9 17.9

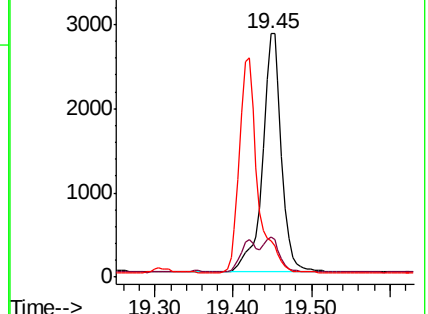
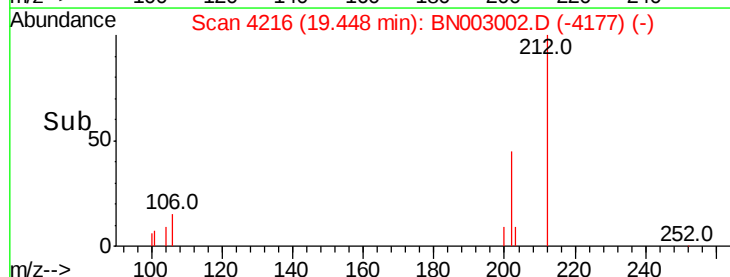
100 14.7 9.9 14.9

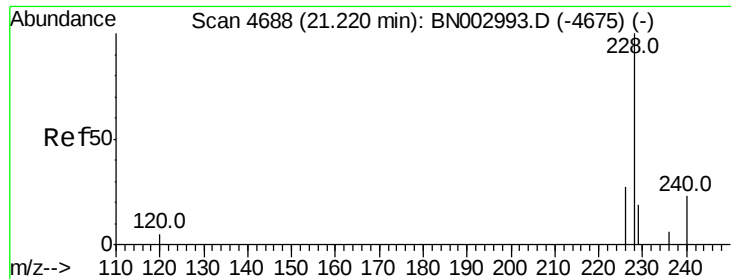


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.067 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. 0.00 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampled :

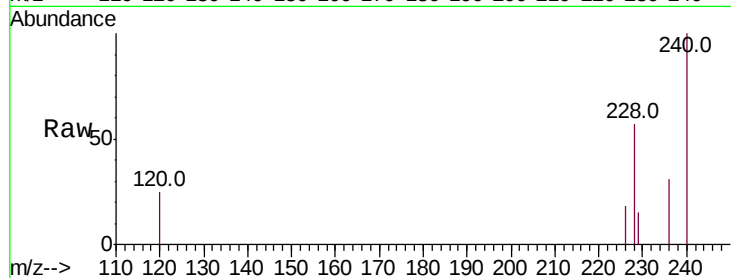
Tot Ion:228 Resp: 1735

Ion Ratio Lower Upper

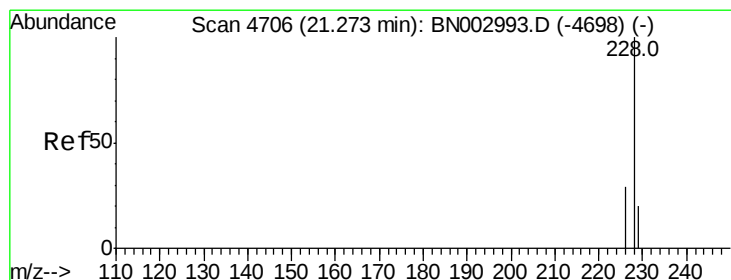
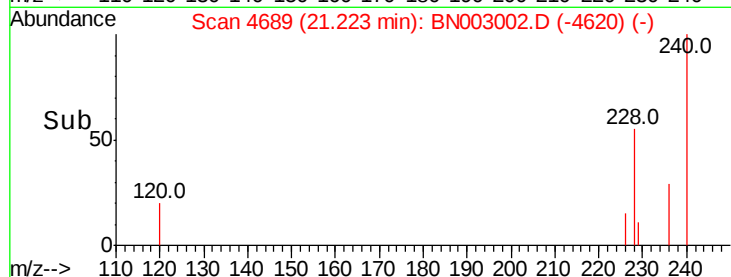
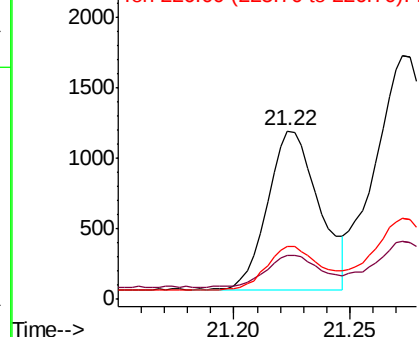
228 100

229 26.2 16.2 24.2#

226 31.5 22.3 33.5



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: 0.109 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

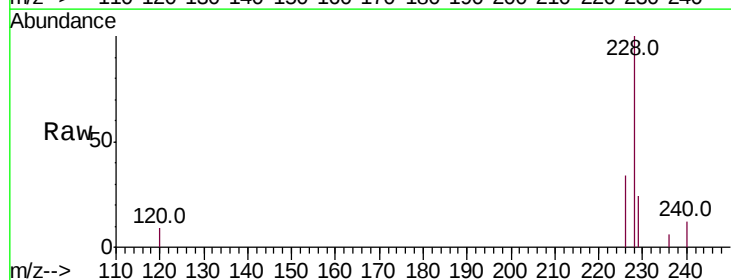
Tgt Ion:228 Resp: 2891

Ion Ratio Lower Upper

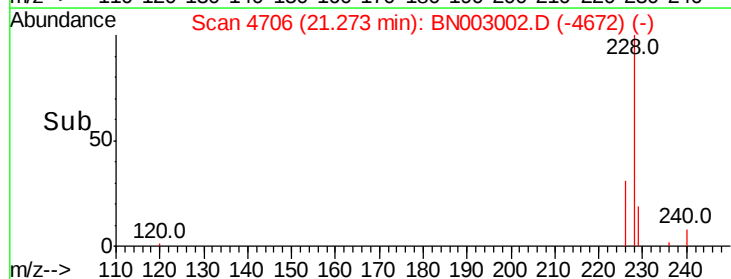
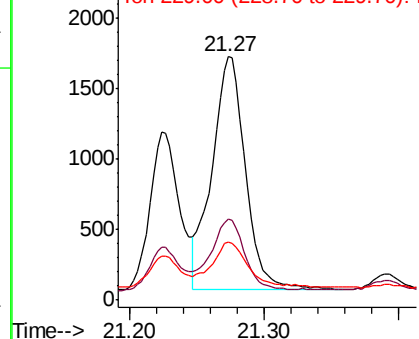
228 100

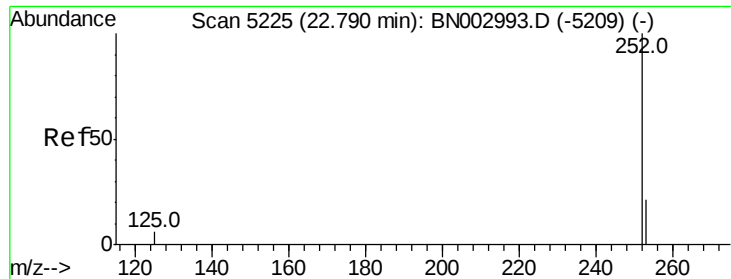
226 33.5 24.2 36.4

229 23.6 16.7 25.1



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: 0.193 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampleId :

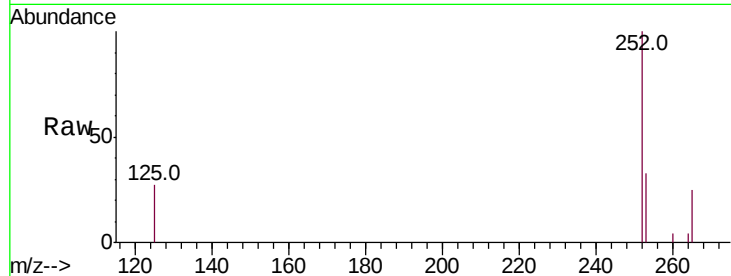
Tot Ion:252 Resp: 4936

Ion Ratio Lower Upper

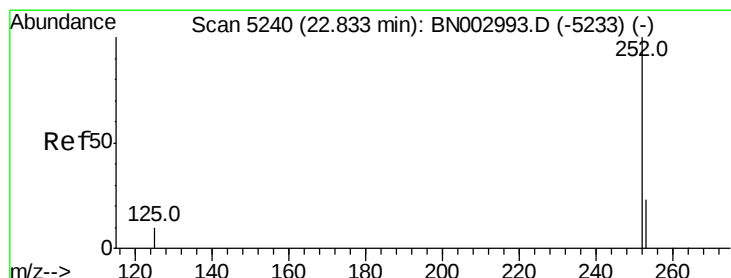
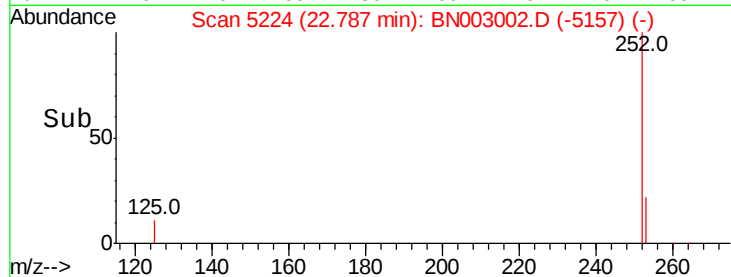
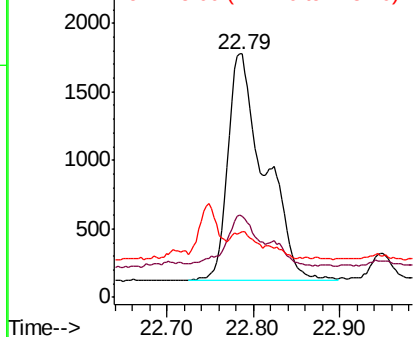
252 100

253 33.5 0.0 53.2

125 26.9 0.0 34.2



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



#22

Benzo(k)fluoranthene

Concen: 0.186 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.05 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

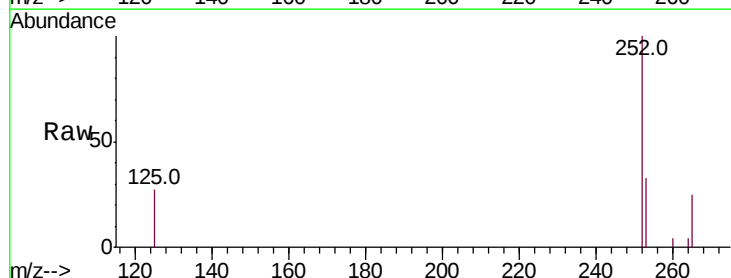
Tgt Ion:252 Resp: 4936

Ion Ratio Lower Upper

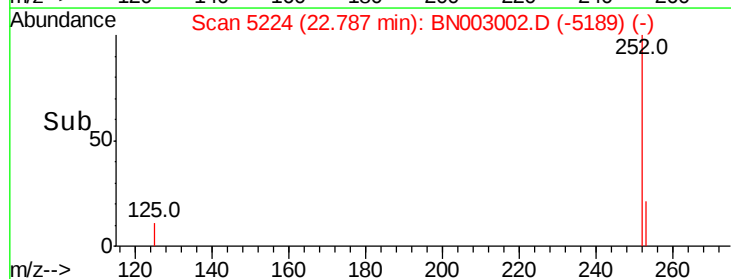
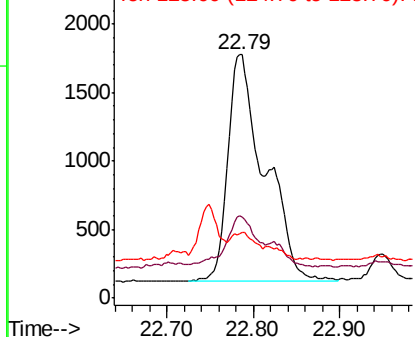
252 100

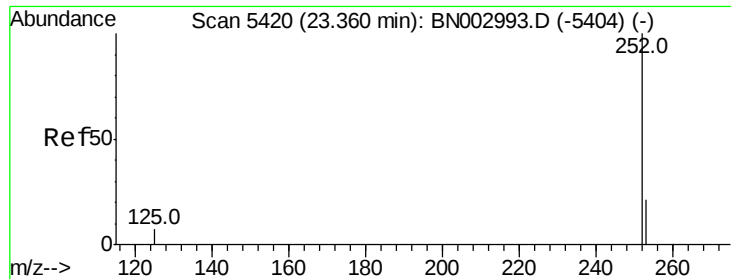
253 33.5 21.3 31.9#

125 26.9 14.1 21.1#



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: 0.079 ng/u1

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampleId :

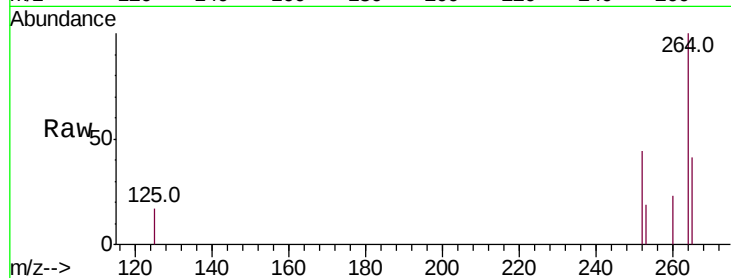
Tot Ion:252 Resp: 1805

Ion Ratio Lower Upper

252 100

253 42.2 23.1 34.7#

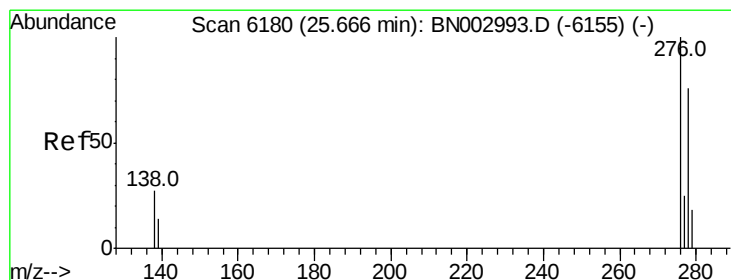
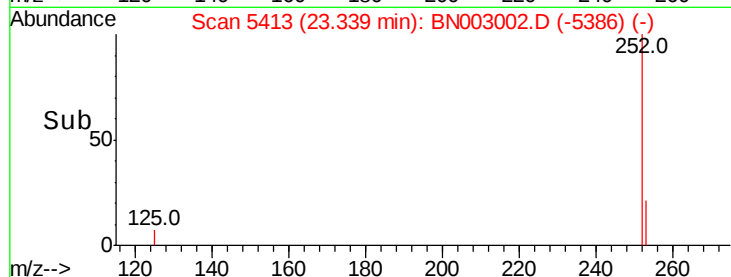
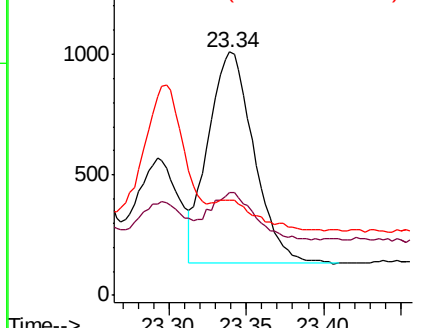
125 39.1 16.9 25.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.052 ng/u1

RT: 25.68 min Scan# 6184

Delta R.T. 0.01 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

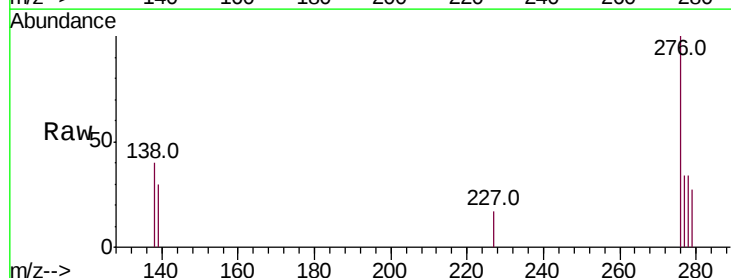
Tgt Ion:276 Resp: 1375

Ion Ratio Lower Upper

276 100

138 24.9 21.5 32.3

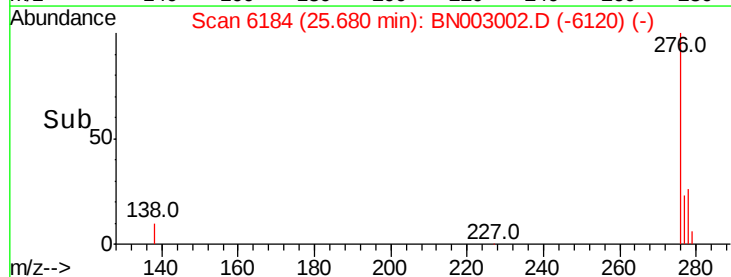
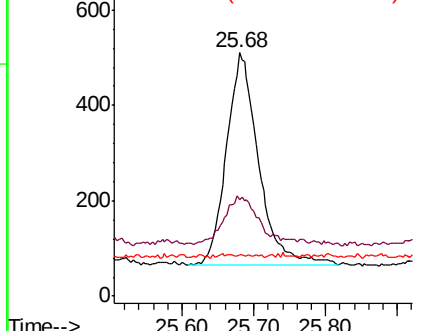
227 0.4 0.3 0.5

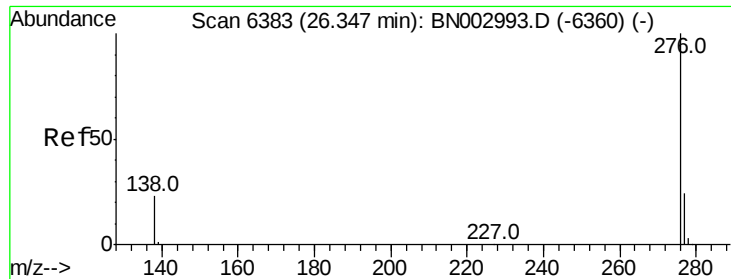


Abundance Ion 276.00 (275.70 to 276.70): E

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: 0.060 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.01 min

Lab File: BN003002.D

Acq: 09 Oct 2018 00:02

Instrument :

BNA_N

ClientSampleId :

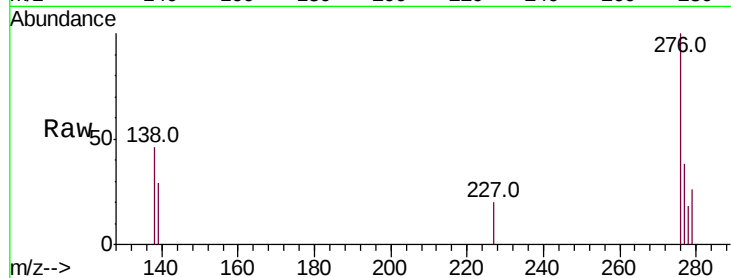
Tot Ion:276 Resp: 1328

Ion Ratio Lower Upper

276 100

138 46.2 23.0 34.4#

277 37.9 22.0 33.0#



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

