

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112018\
 Data File : BN003625.D
 Acq On : 20 Nov 2018 10:30
 Operator : MJ/SJ
 Sample : J6002-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2E78

Quant Time: Nov 20 11:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 20 03:27:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5200	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	20448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	11158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	26985	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	29231	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	24488	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	11962	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	29593	0.37	ng/ul	0.00

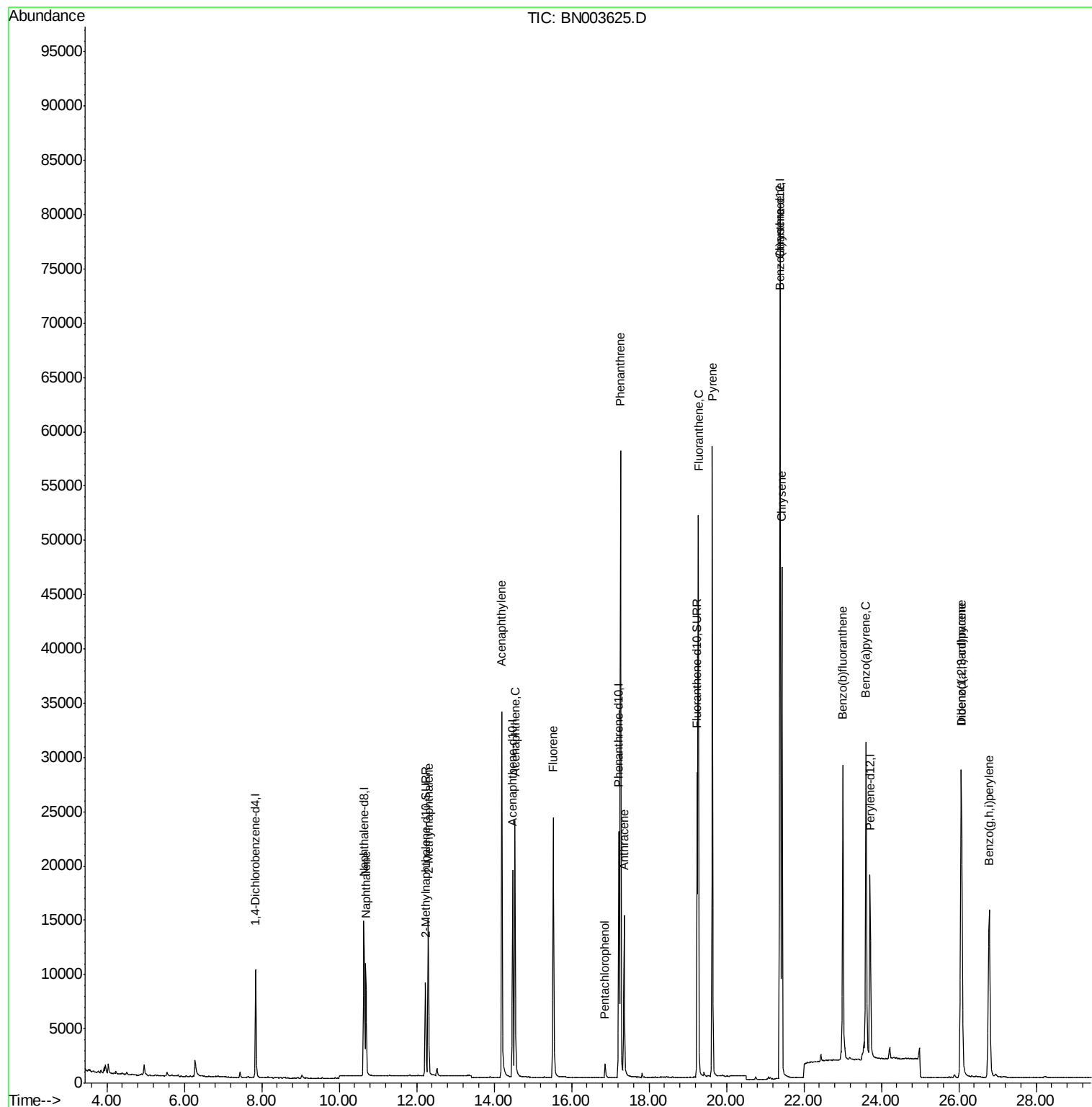
Target Compounds				Qvalue		
3) Naphthalene	10.69	128	15028	0.262	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	11039	0.275	ng/ul	100
7) Acenaphthylene	14.20	152	40737	0.811	ng/ul	100
8) Acenaphthene	14.54	153	14635	0.332	ng/ul	98
9) Fluorene	15.53	166	18410	0.359	ng/ul	100
11) Pentachlorophenol	16.87	266	1165	0.240	ng/ul	97
12) Phenanthrene	17.26	178	64949	0.733	ng/ul	100
13) Anthracene	17.36	178	17969	0.247	ng/ul	100
15) Fluoranthene	19.28	202	46045	0.440	ng/ul	99
17) Pyrene	19.64	202	49178	0.469	ng/ul	99
18) Benzo(a)anthracene	21.38	228	64895	0.703	ng/ul	100
19) Chrysene	21.43	228	40360	0.382	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	36377	0.359	ng/ul	99
23) Benzo(a)pyrene	23.61	252	43240	0.493	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.06	276	35198	0.350	ng/ul	99
25) Dibenzo(a,h)anthracene	26.08	278	30264	0.374	ng/ul	99
26) Benzo(g,h,i)perylene	26.79	276	35634	0.408	ng/ul	99

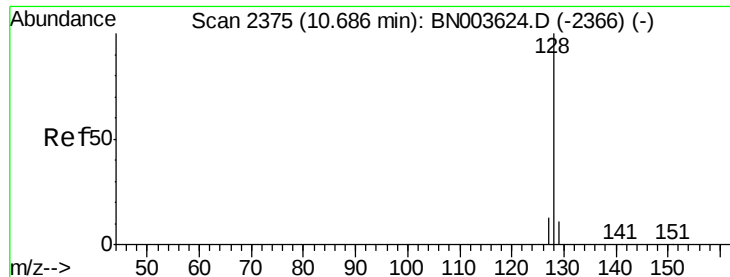
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.262 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

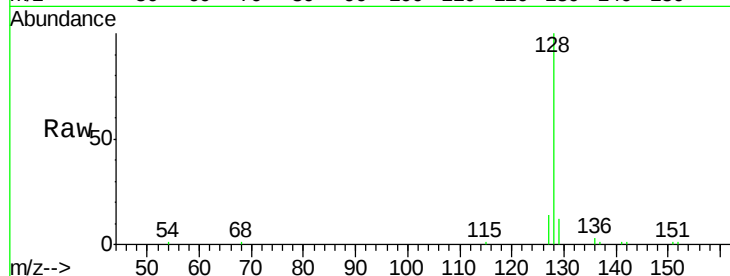
Tgt Ion:128 Resp: 15028

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

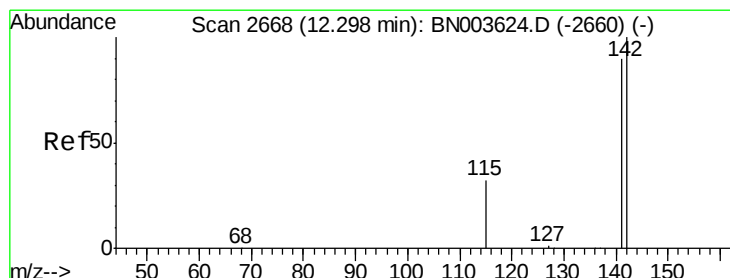
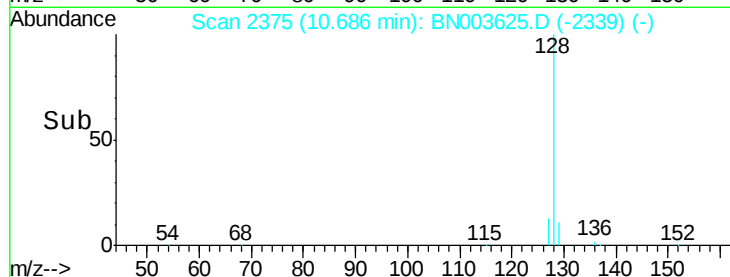
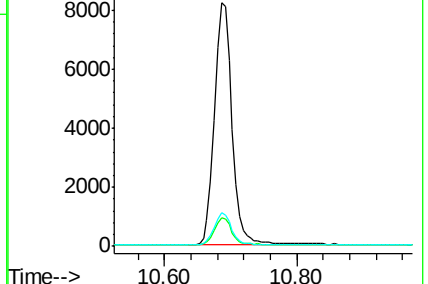
127 13.6 10.5 15.7



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



#5

2-Methylnaphthalene

Concen: 0.275 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BN003625.D

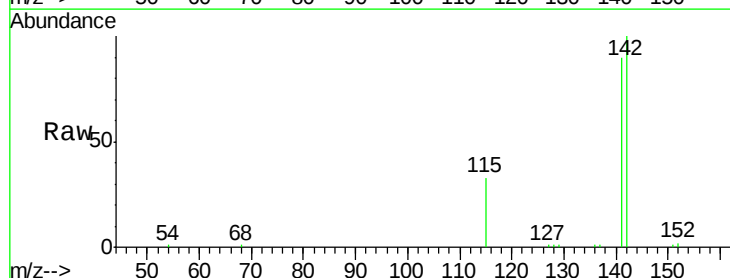
Acq: 20 Nov 2018 10:30

Tgt Ion:142 Resp: 11039

Ion Ratio Lower Upper

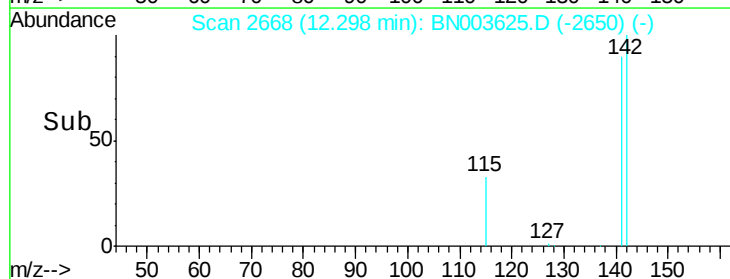
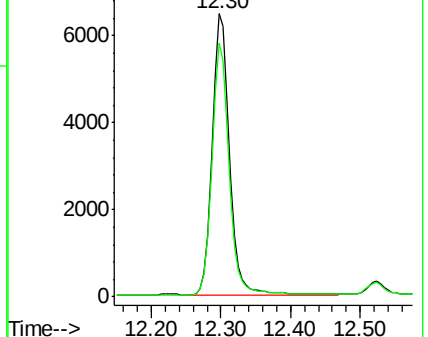
142 100

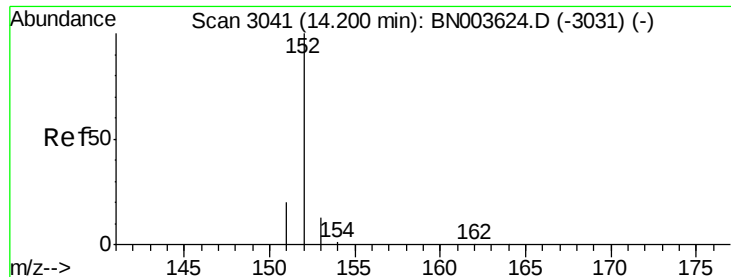
141 89.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.811 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

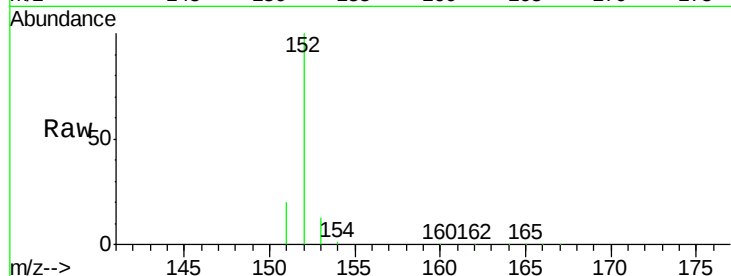
Tgt Ion:152 Resp: 40737

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

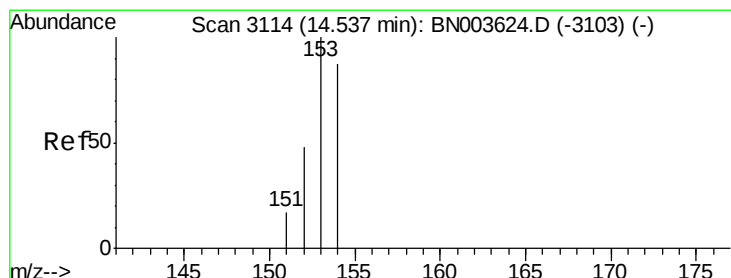
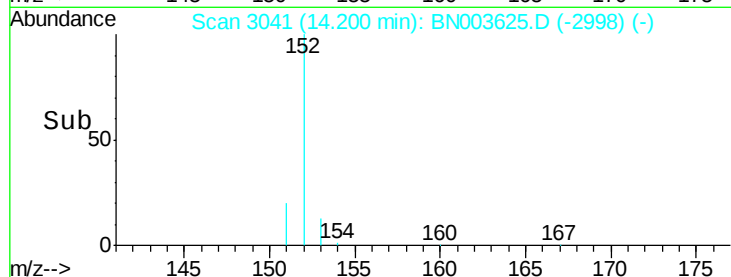
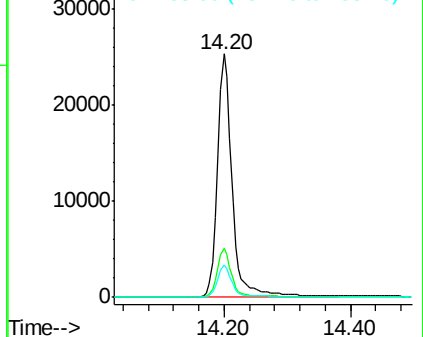
153 13.1 10.7 16.1



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



#8

Acenaphthene

Concen: 0.332 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

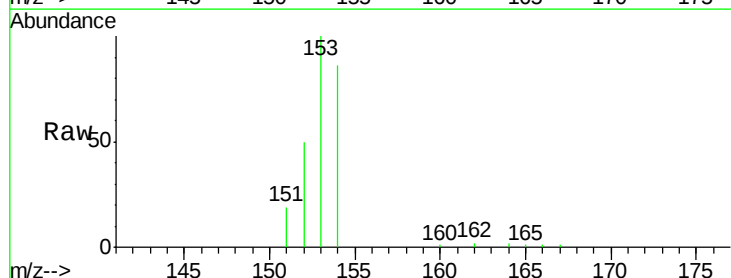
Tgt Ion:153 Resp: 14635

Ion Ratio Lower Upper

153 100

152 50.0 39.3 58.9

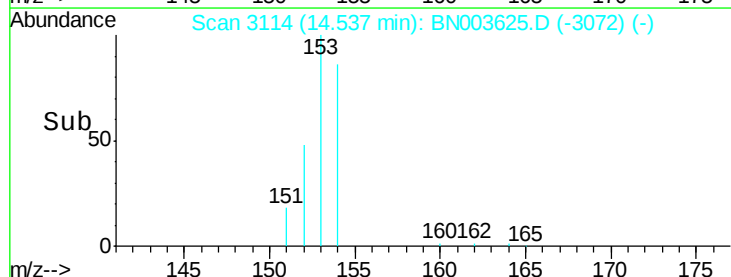
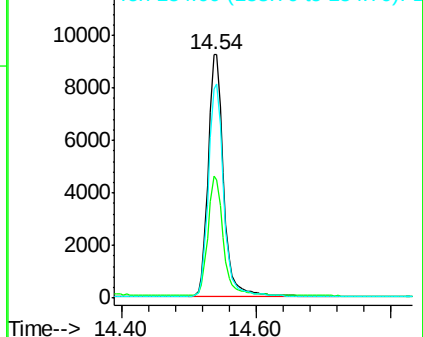
154 85.9 70.3 105.5

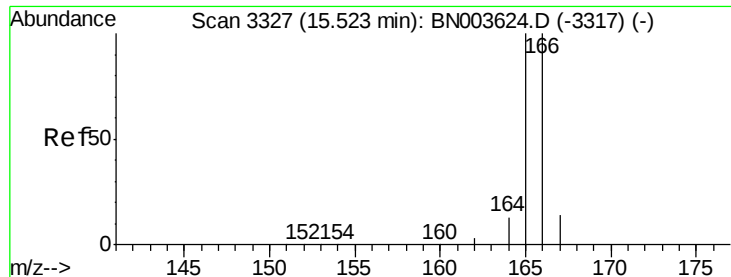


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.359 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

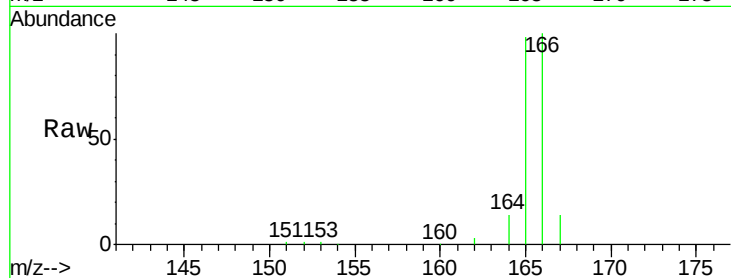
Tgt Ion:166 Resp: 18410

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

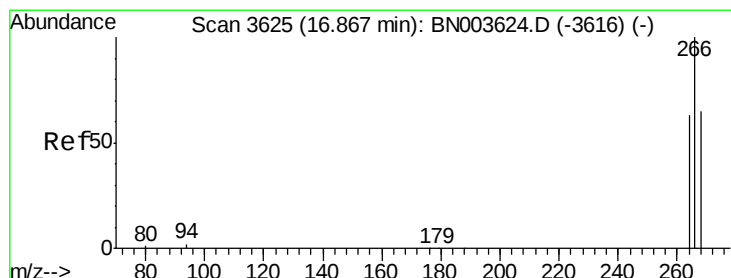
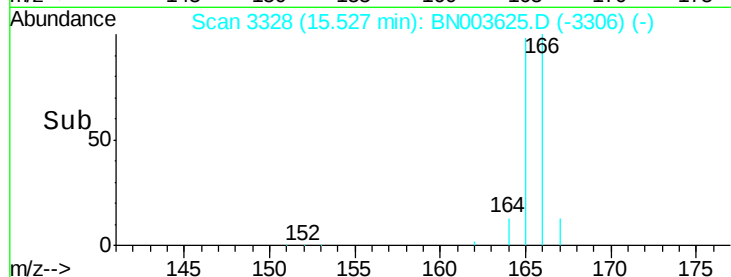
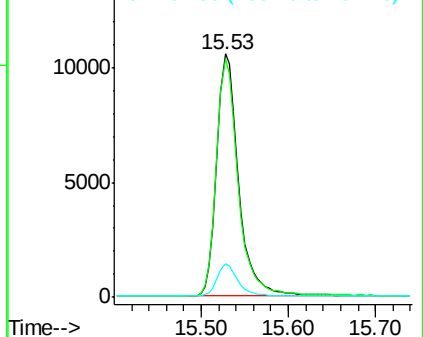
167 13.8 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.240 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

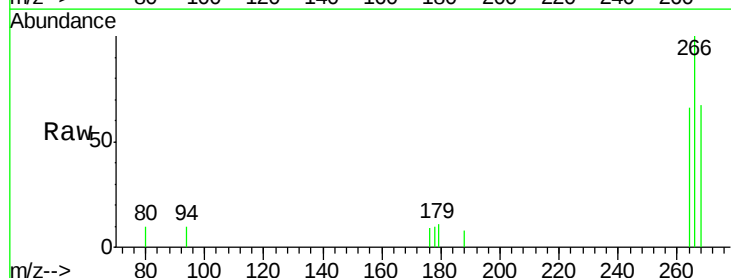
Tgt Ion:266 Resp: 1165

Ion Ratio Lower Upper

266 100

264 60.7 49.4 74.2

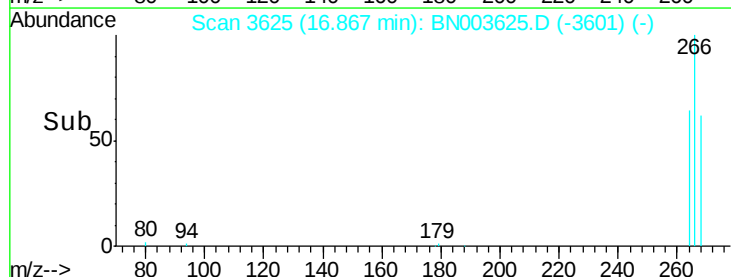
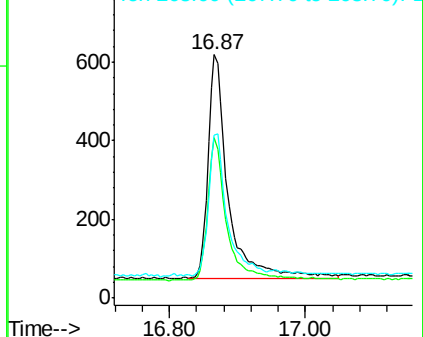
268 61.1 51.7 77.5

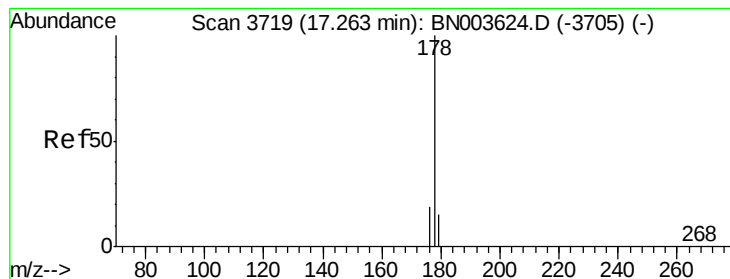


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.733 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

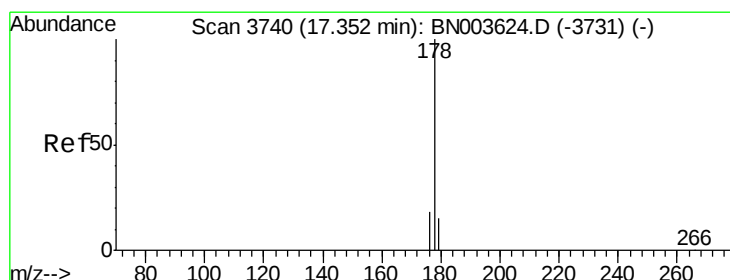
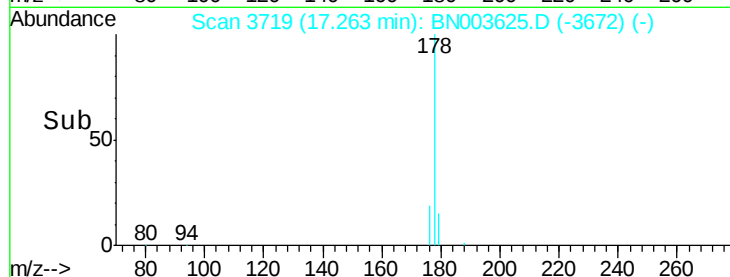
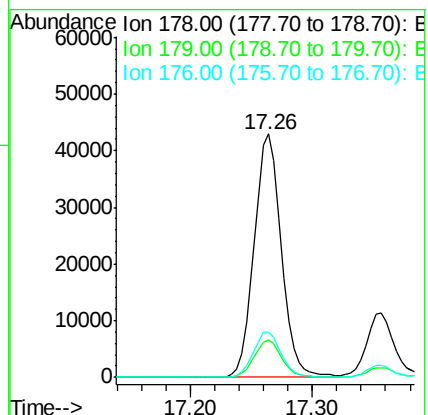
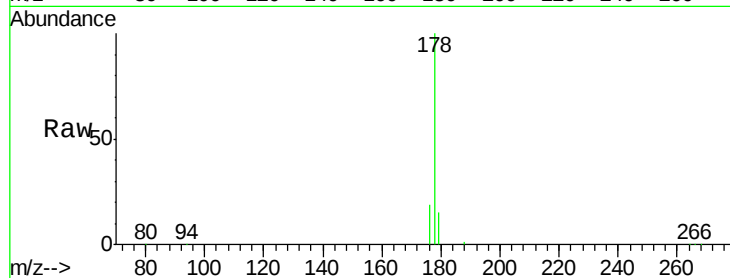
Tgt Ion:178 Resp: 64949

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 15.0 22.4



#13

Anthracene

Concen: 0.247 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

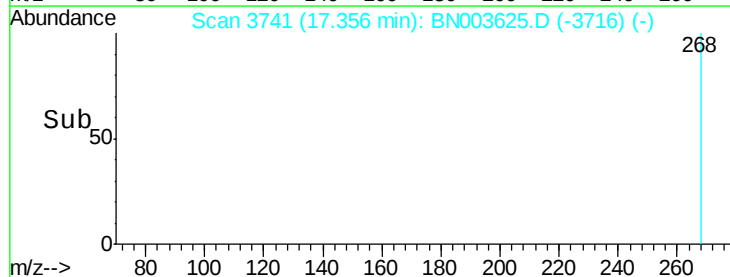
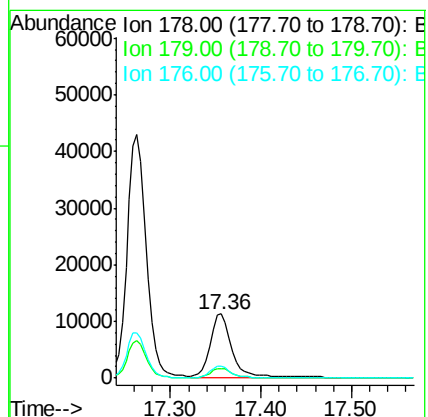
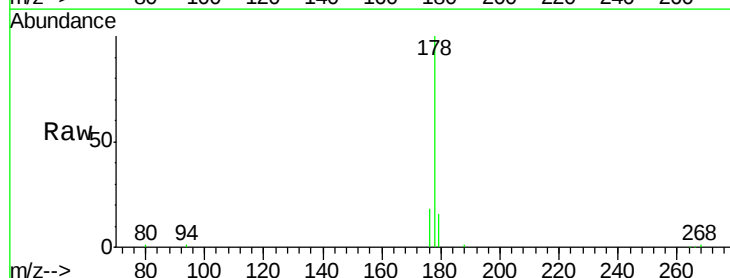
Tgt Ion:178 Resp: 17969

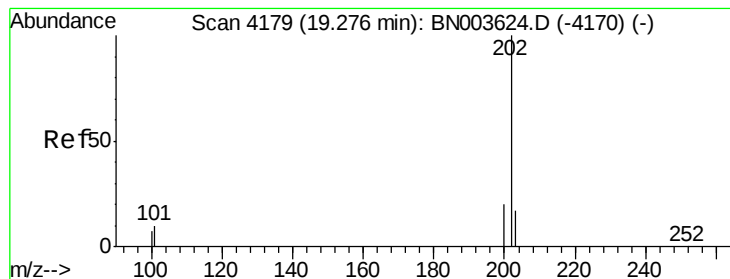
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.4 14.8 22.2





#15

Fluoranthene

Concen: 0.440 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

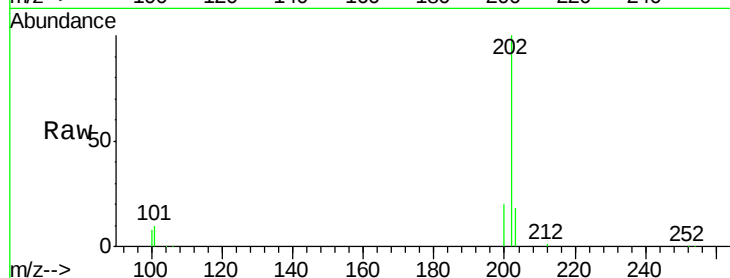
Tgt Ion:202 Resp: 46045

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.7

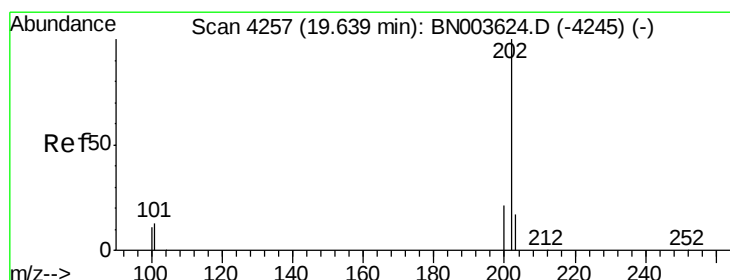
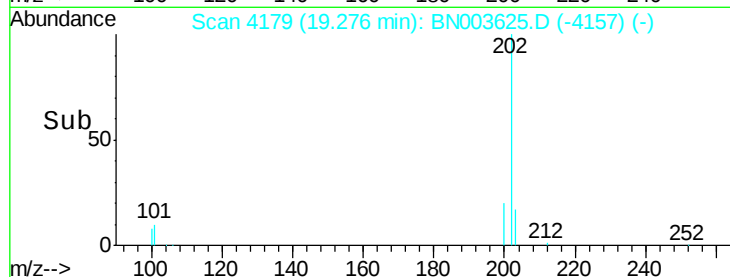
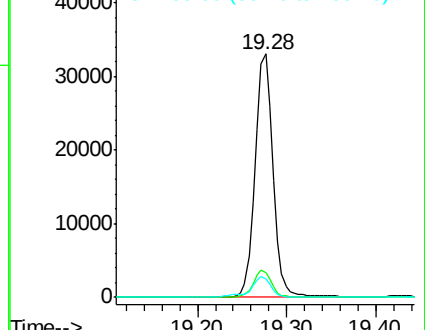
100 7.8 0.0 28.1



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: 0.469 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

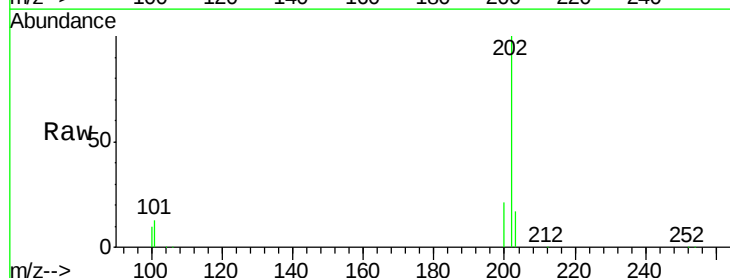
Tgt Ion:202 Resp: 49178

Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

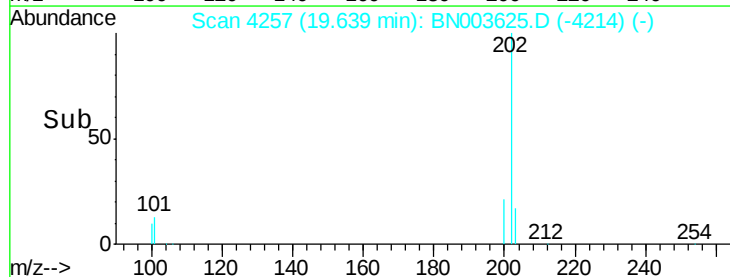
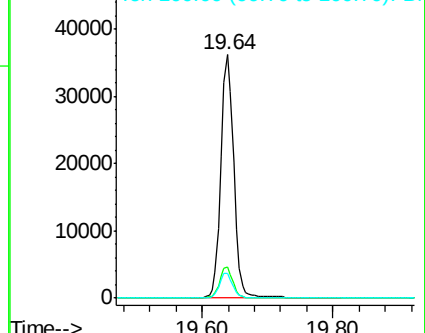
100 10.1 8.5 12.7

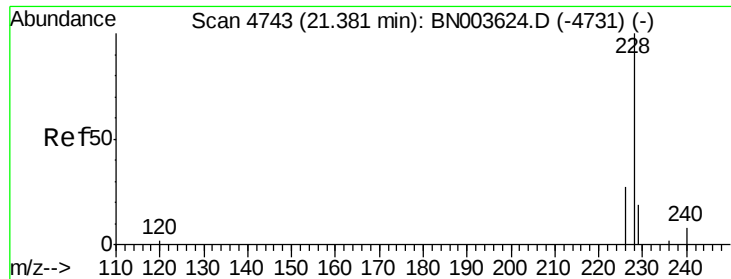


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.703 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

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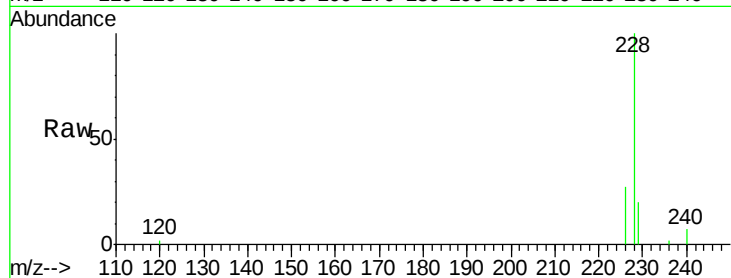
Tgt Ion:228 Resp: 64895

Ion Ratio Lower Upper

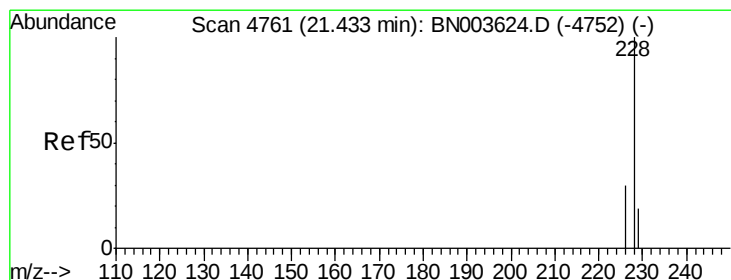
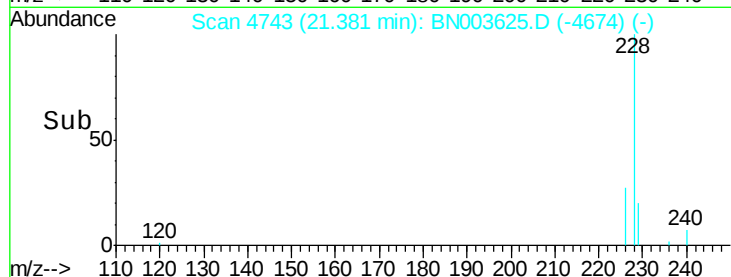
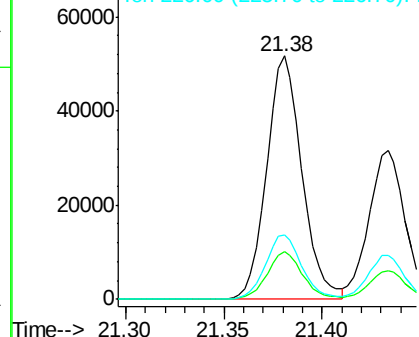
228 100

229 19.6 15.6 23.4

226 26.7 21.1 31.7



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: 0.382 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

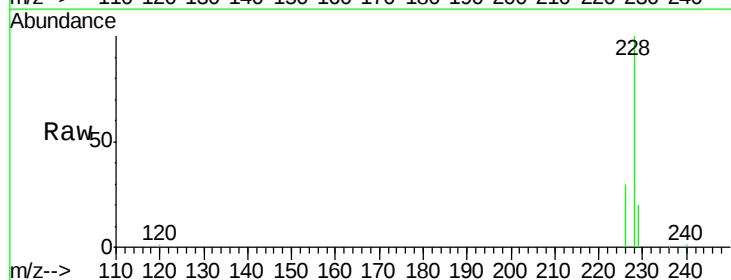
Tgt Ion:228 Resp: 40360

Ion Ratio Lower Upper

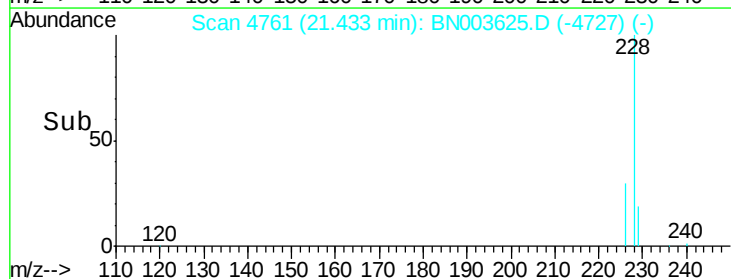
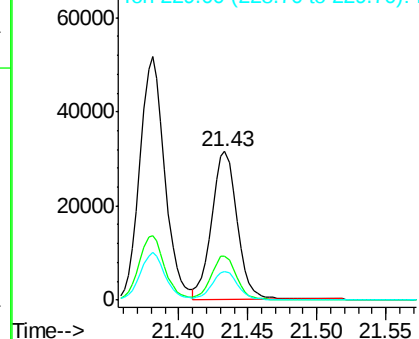
228 100

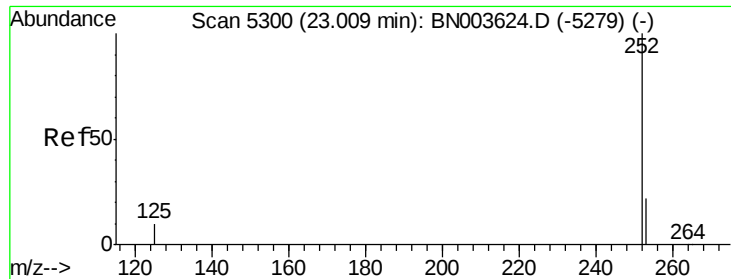
226 29.8 24.0 36.0

229 19.5 15.7 23.5



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: 0.359 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

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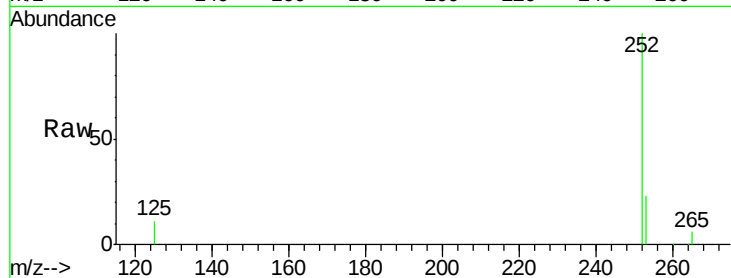
Tgt Ion:252 Resp: 36377

Ion Ratio Lower Upper

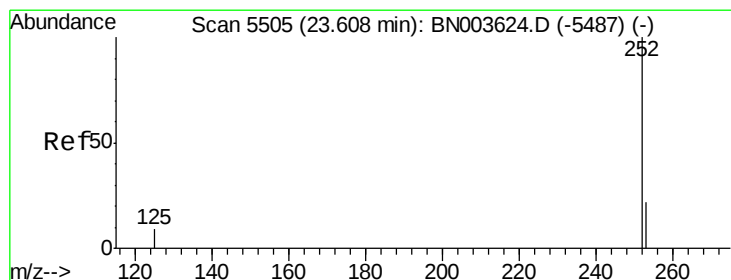
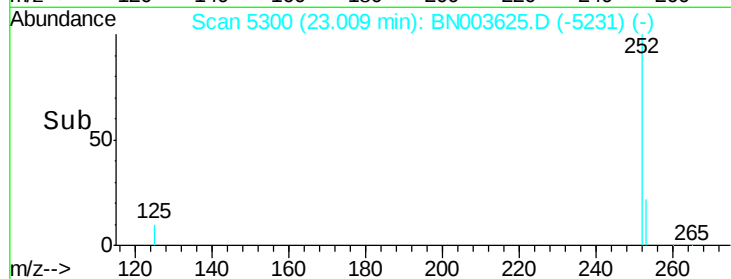
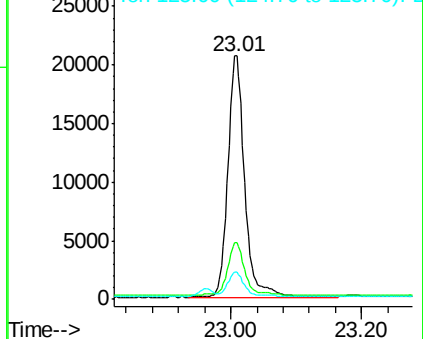
252 100

253 23.5 0.0 46.0

125 11.1 0.0 22.4



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: 0.493 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

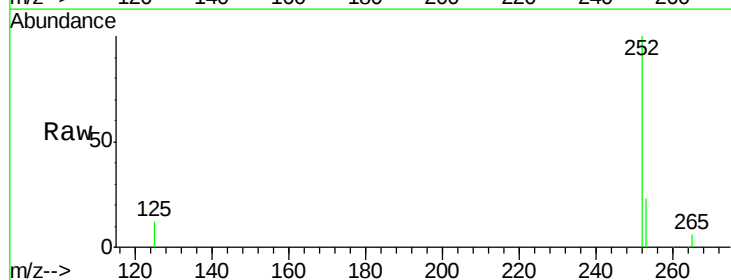
Tgt Ion:252 Resp: 43240

Ion Ratio Lower Upper

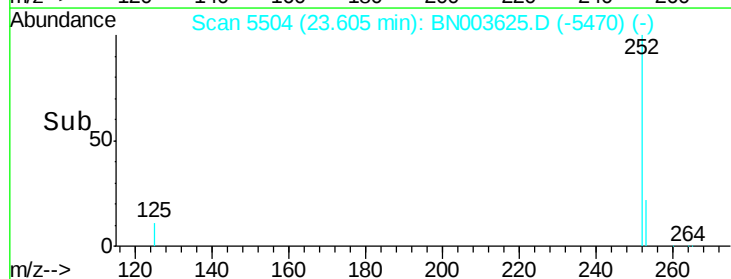
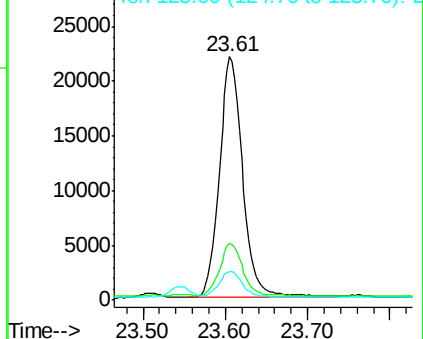
252 100

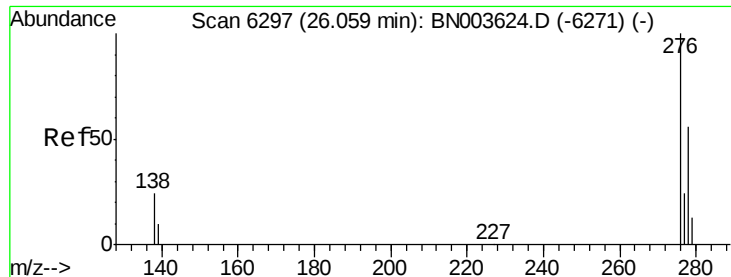
253 23.1 19.0 28.4

125 12.0 10.2 15.4



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



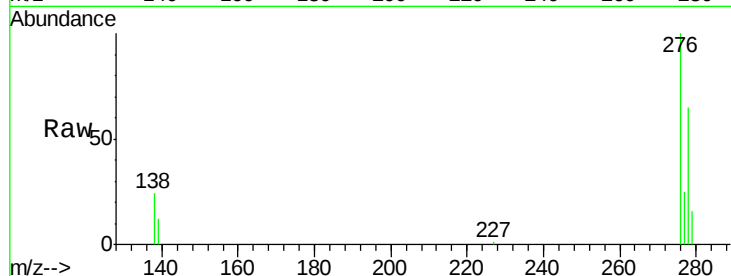


#24

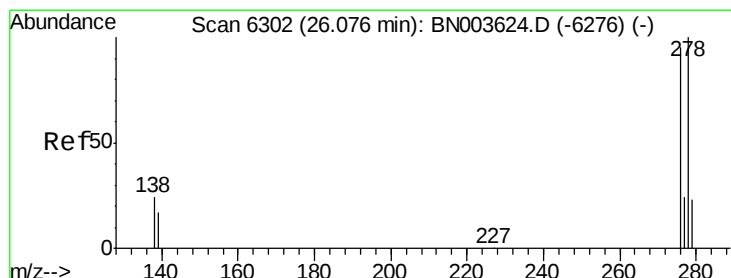
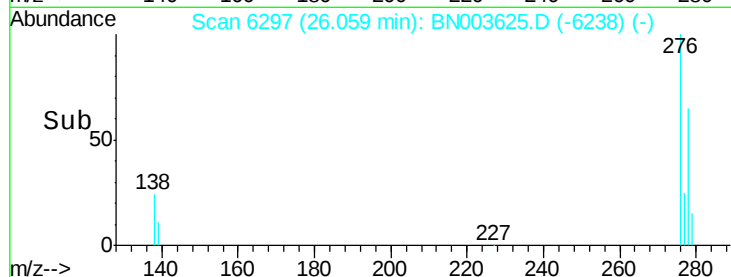
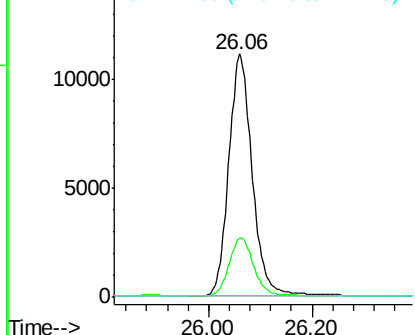
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/u1
RT: 26.06 min Scan# 6297
Delta R.T. -0.00 min
Lab File: BN003625.D
Acq: 20 Nov 2018 10:30

Instrument :
BNA_N
ClientSampleId :
X2E78

Tgt Ion: 276 Resp: 35198
Ion Ratio Lower Upper
276 100
138 25.1 20.3 30.5
227 0.2 0.2 0.2



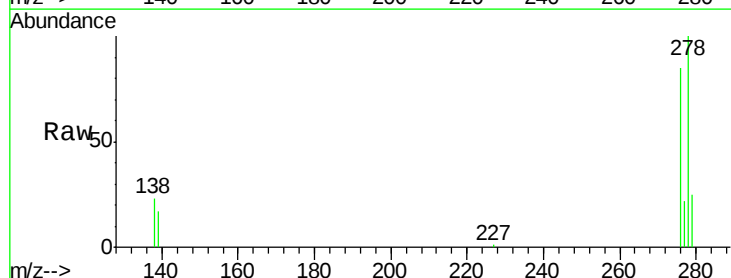
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



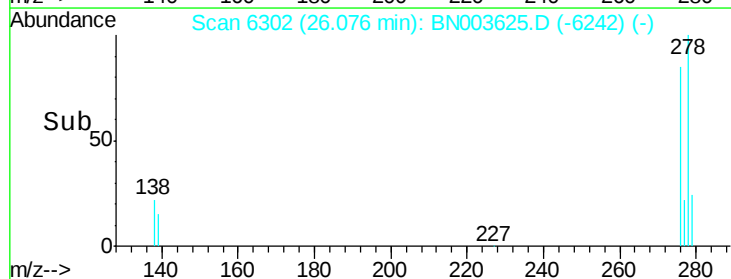
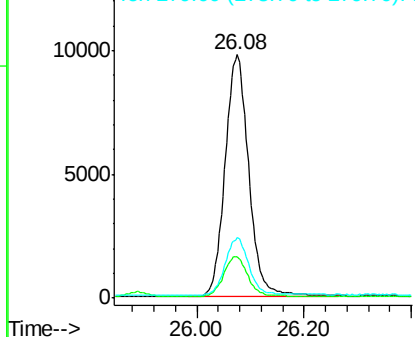
#25

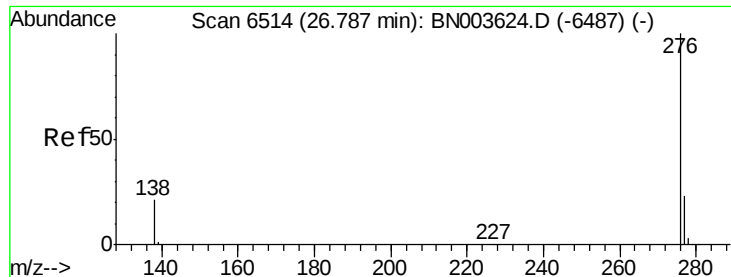
Dibenzo(a,h)anthracene
Concen: 0.374 ng/u1
RT: 26.08 min Scan# 6302
Delta R.T. 0.00 min
Lab File: BN003625.D
Acq: 20 Nov 2018 10:30

Tgt Ion: 278 Resp: 30264
Ion Ratio Lower Upper
278 100
139 16.8 14.2 21.4
279 24.7 19.8 29.6



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(g,h,i)perylene

Concen: 0.408 ng/ul

RT: 26.79 min Scan# 6514

Delta R.T. 0.00 min

Lab File: BN003625.D

Acq: 20 Nov 2018 10:30

Instrument :

BNA_N

ClientSampleId :

X2E78

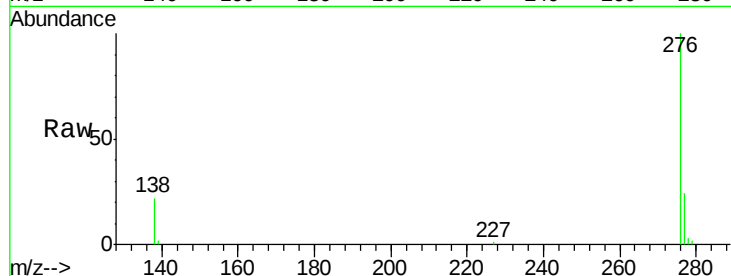
Tgt Ion: 276 Resp: 35634

Ion Ratio Lower Upper

276 100

138 21.7 17.7 26.5

277 24.2 19.3 28.9



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

