

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112018\
 Data File : BN003627.D
 Acq On : 20 Nov 2018 12:21
 Operator : MJ/SJ
 Sample : J6001-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40T2

Quant Time: Nov 20 13:18:55 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

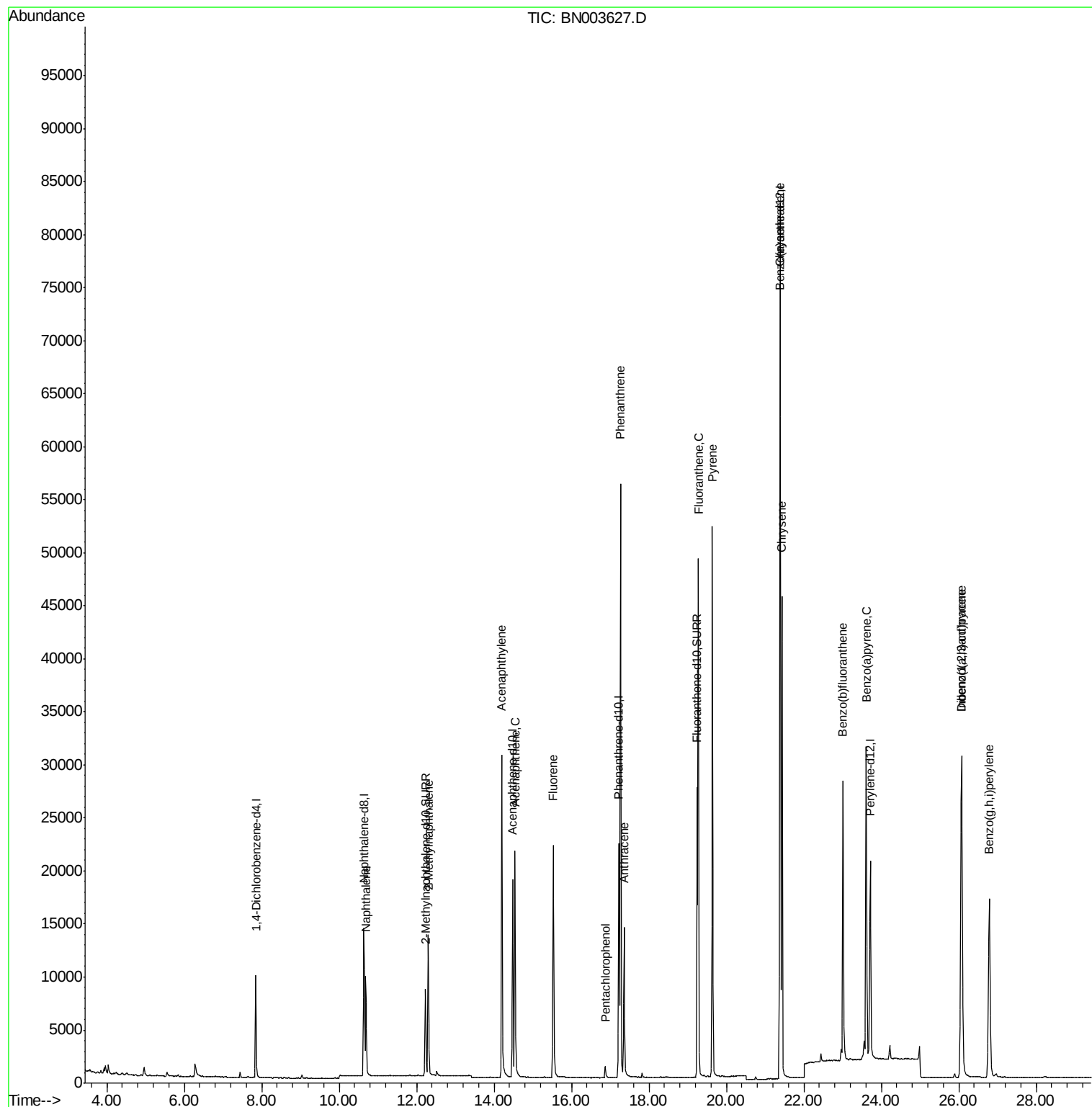
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5040	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	20019	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	10944	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	26697	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	29110	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	26357	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	11436	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	30072	0.38	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.69	128	13459	0.239	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	10120	0.258	ng/ul	100
7) Acenaphthylene	14.20	152	38212	0.775	ng/ul	100
8) Acenaphthene	14.54	153	13560	0.314	ng/ul	99
9) Fluorene	15.53	166	17093	0.340	ng/ul	99
11) Pentachlorophenol	16.87	266	996	0.207	ng/ul	99
12) Phenanthrene	17.26	178	59893	0.684	ng/ul	100
13) Anthracene	17.36	178	16663	0.231	ng/ul	100
15) Fluoranthene	19.28	202	42072	0.407	ng/ul	100
17) Pyrene	19.64	202	45860	0.439	ng/ul	100
18) Benzo(a)anthracene	21.38	228	64833	0.705	ng/ul	100
19) Chrysene	21.43	228	39660	0.377	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	35863	0.329	ng/ul	99
23) Benzo(a)pyrene	23.61	252	44231	0.468	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	37092	0.343	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.08	278	31670	0.363	ng/ul	99
26) Benzo(g,h,i)perylene	26.79	276	37610	0.400	ng/ul	99

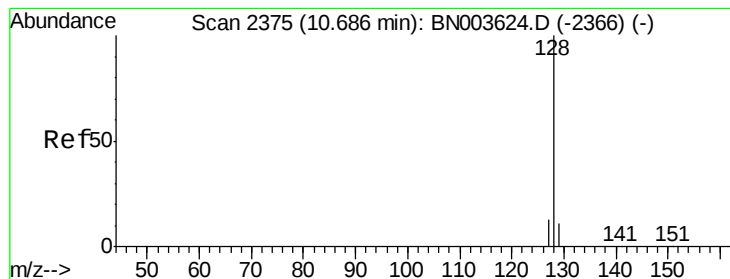
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.239 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

ClientSampleId :

A40T2

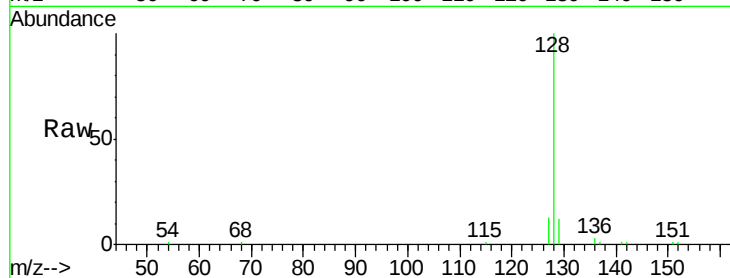
Tgt Ion:128 Resp: 13459

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

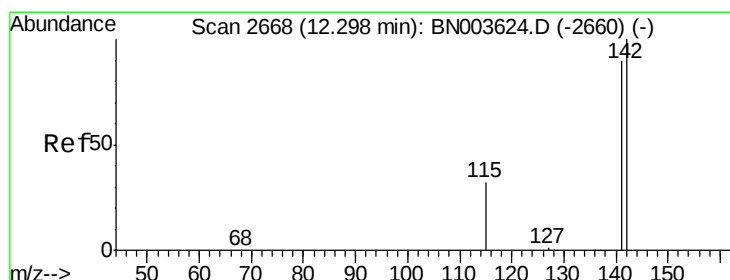
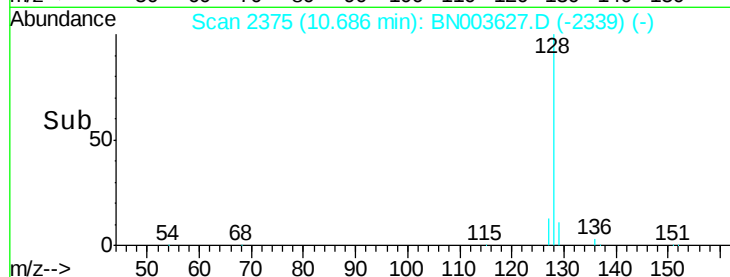
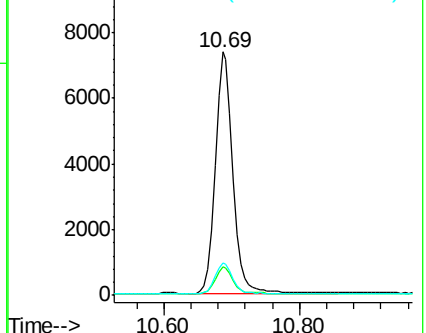
127 13.4 10.5 15.7



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: 0.258 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN003627.D

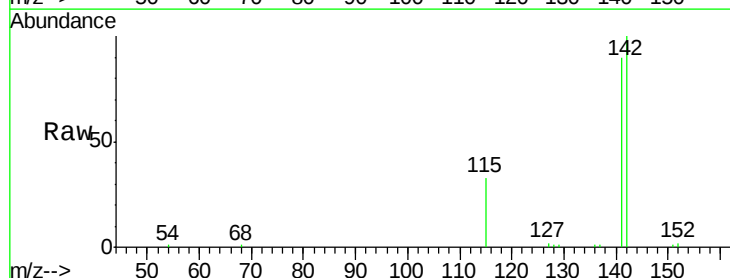
Acq: 20 Nov 2018 12:21

Tgt Ion:142 Resp: 10120

Ion Ratio Lower Upper

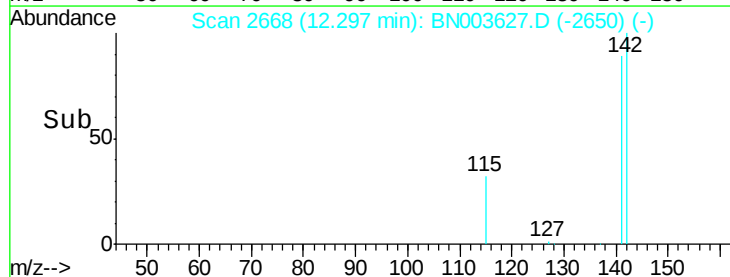
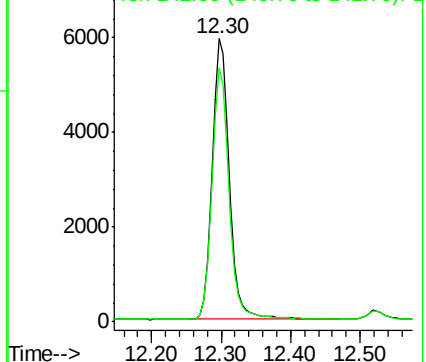
142 100

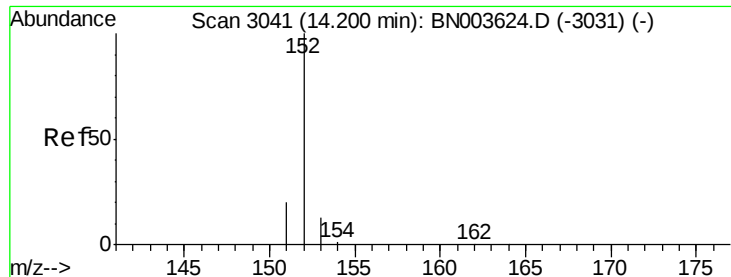
141 89.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.775 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

ClientSampleId :

A40T2

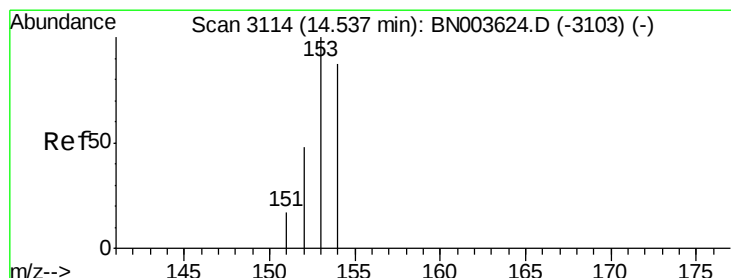
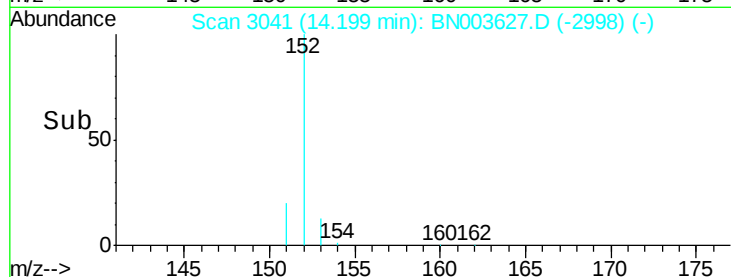
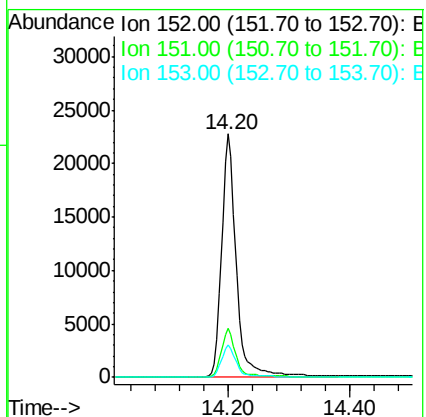
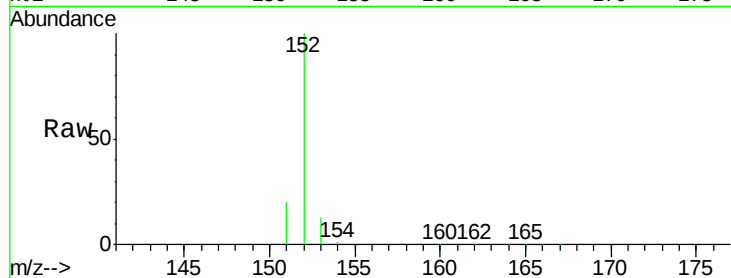
Tgt Ion:152 Resp: 38212

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.7 16.1



#8

Acenaphthene

Concen: 0.314 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

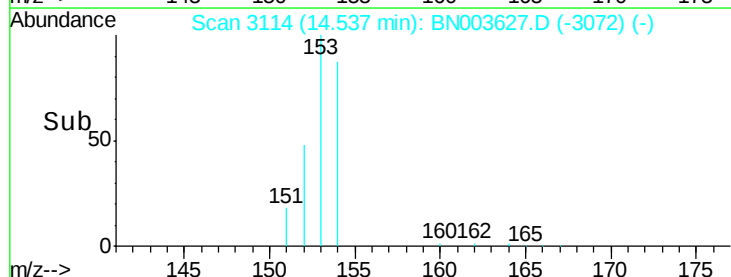
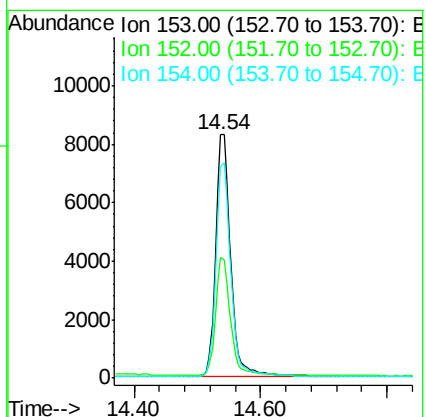
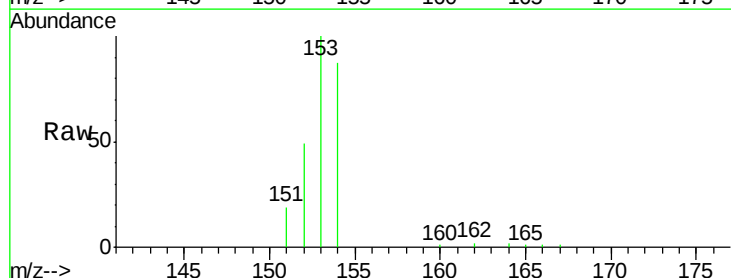
Tgt Ion:153 Resp: 13560

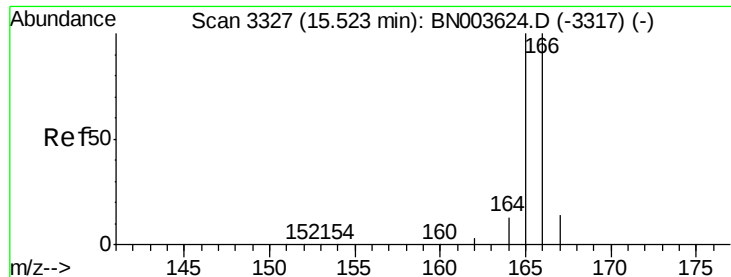
Ion Ratio Lower Upper

153 100

152 49.5 39.3 58.9

154 87.1 70.3 105.5





#9

Fluorene

Concen: 0.340 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

ClientSampleId :

A40T2

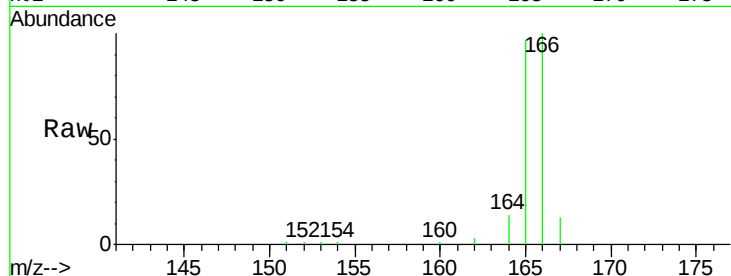
Tgt Ion:166 Resp: 17093

Ion Ratio Lower Upper

166 100

165 96.5 78.3 117.5

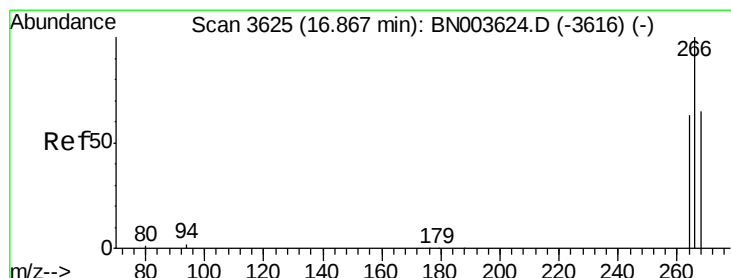
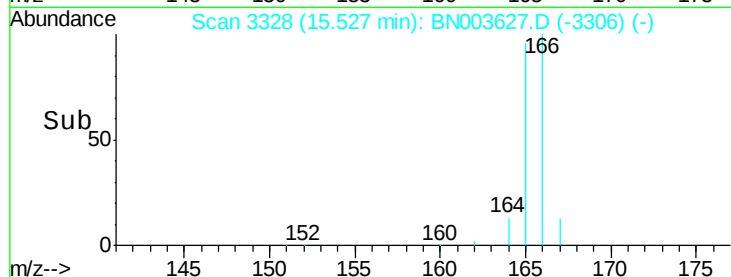
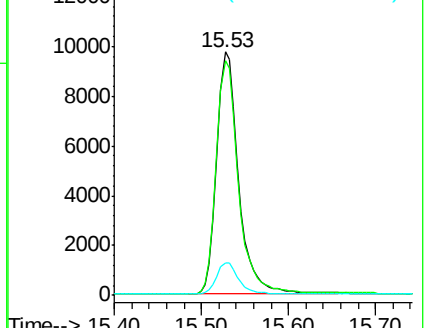
167 13.5 11.3 16.9



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: 0.207 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

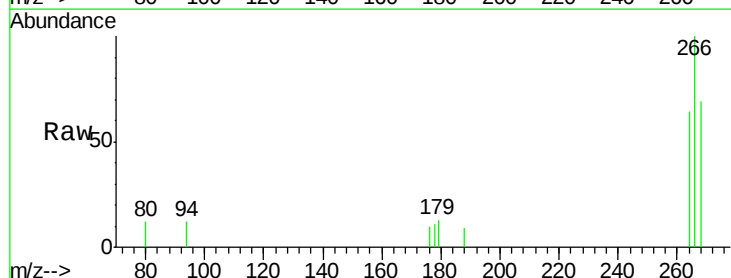
Tgt Ion:266 Resp: 996

Ion Ratio Lower Upper

266 100

264 60.8 49.4 74.2

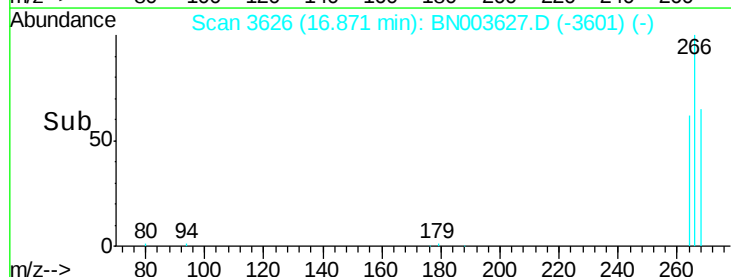
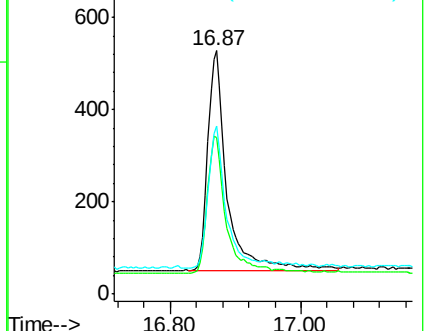
268 64.7 51.7 77.5

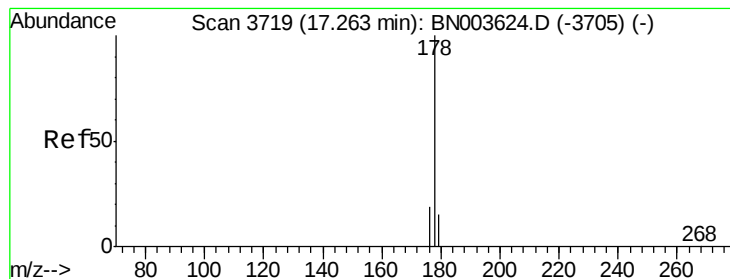


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.684 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

ClientSampleId :

A40T2

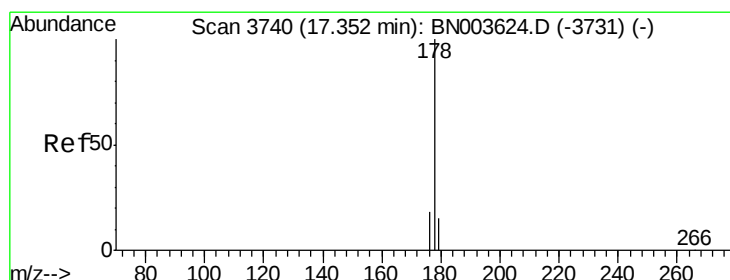
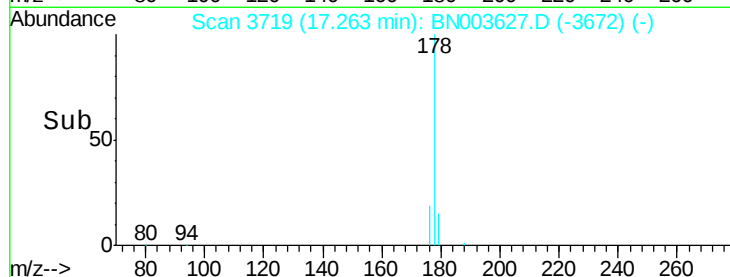
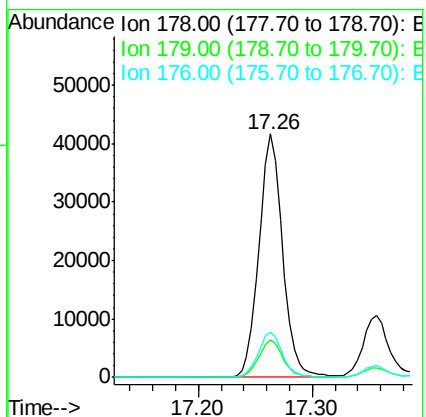
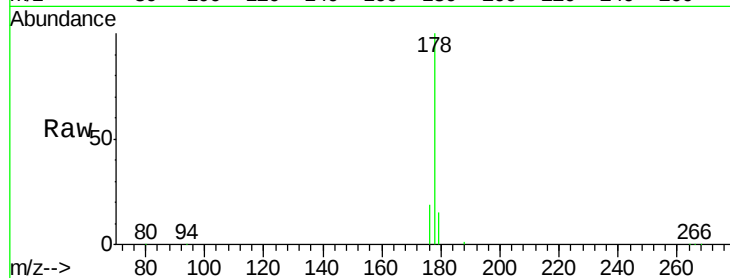
Tgt Ion:178 Resp: 59893

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.6 15.0 22.4



#13

Anthracene

Concen: 0.231 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

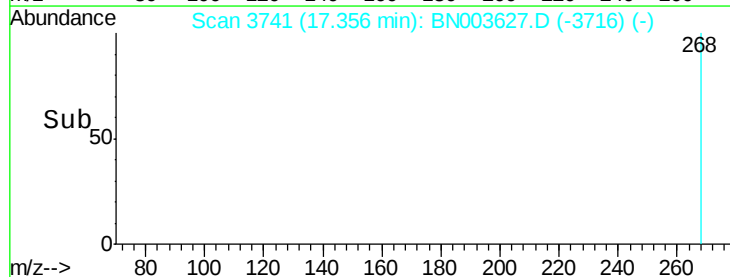
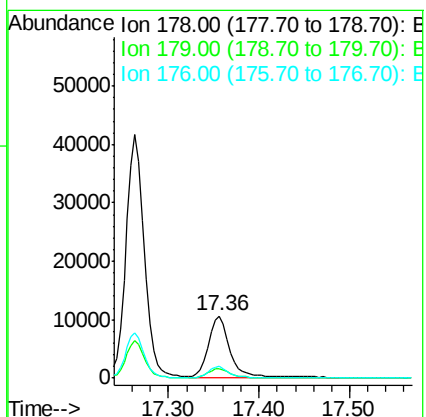
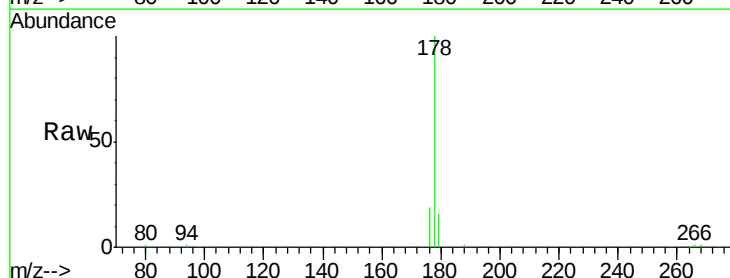
Tgt Ion:178 Resp: 16663

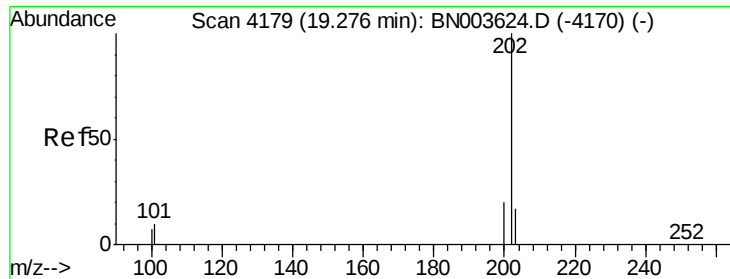
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.6 14.8 22.2





#15

Fluoranthene

Concen: 0.407 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

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A40T2

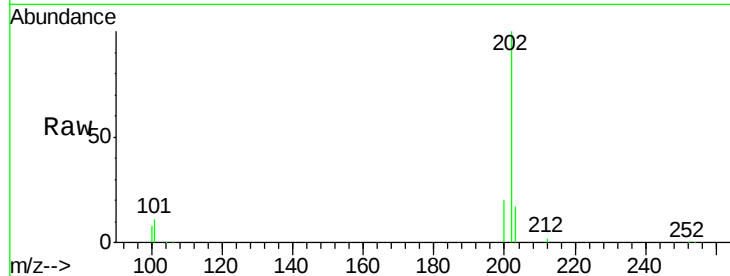
Tgt Ion:202 Resp: 42072

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

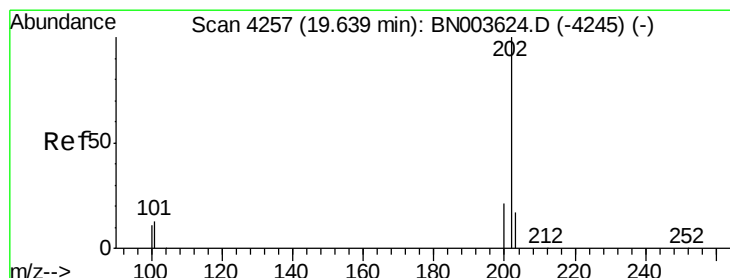
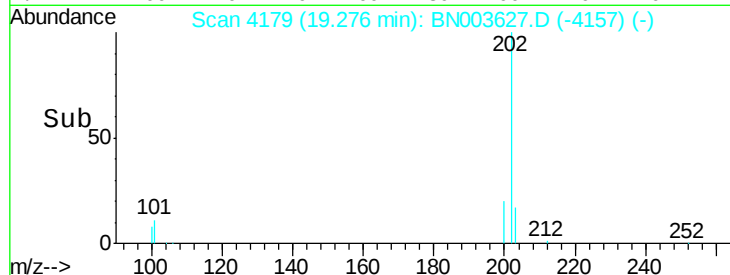
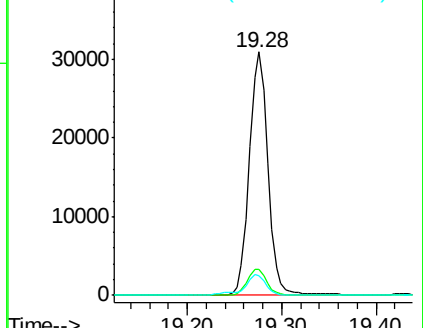
100 8.3 0.0 28.1



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: 0.439 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

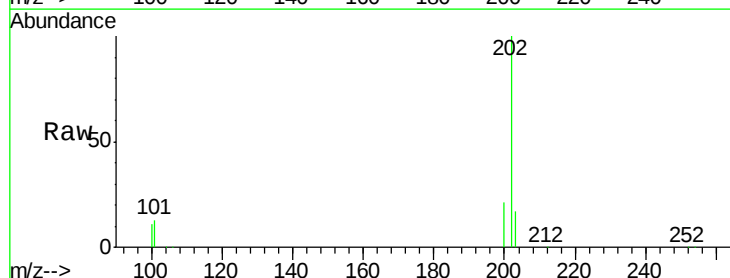
Tgt Ion:202 Resp: 45860

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

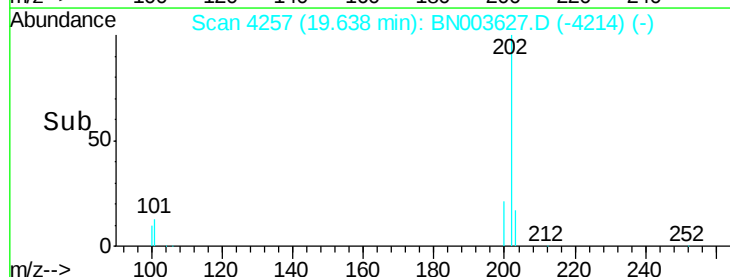
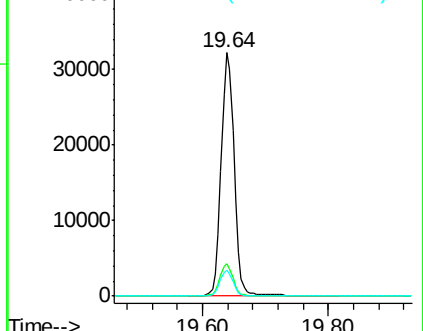
100 10.6 8.5 12.7

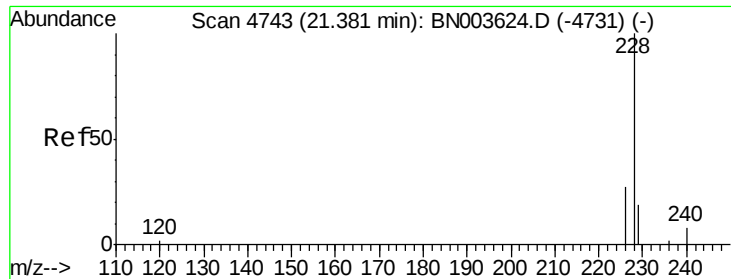


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.705 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003627.D

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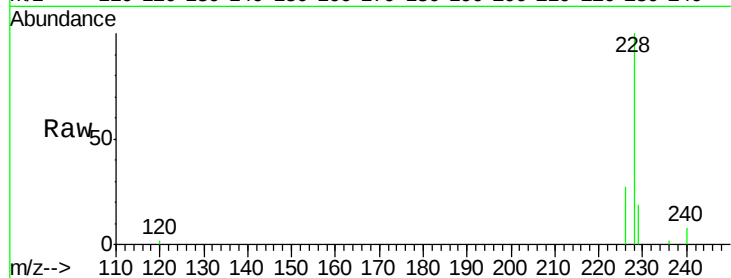
Tgt Ion:228 Resp: 64833

Ion Ratio Lower Upper

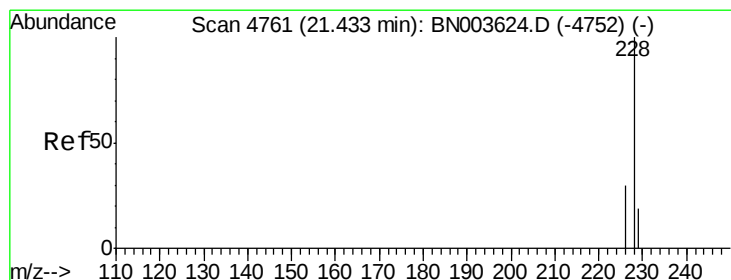
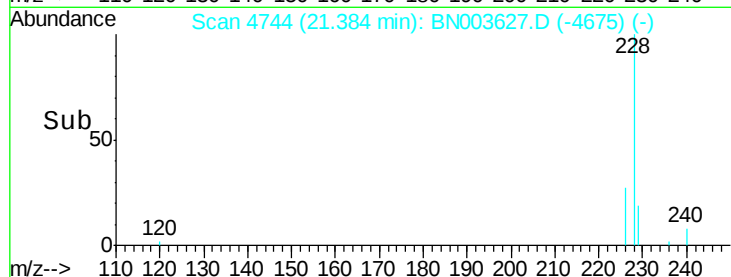
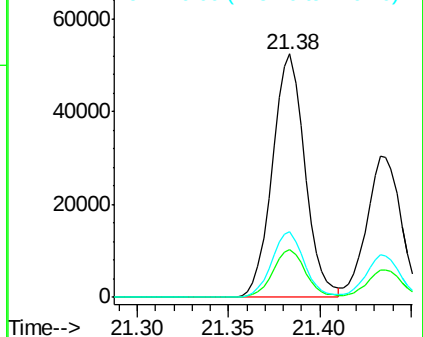
228 100

229 19.5 15.6 23.4

226 26.8 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: 0.377 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

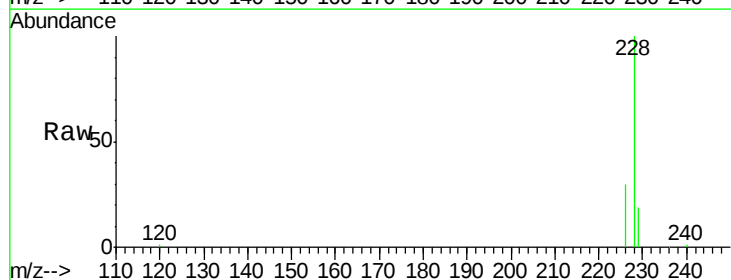
Tgt Ion:228 Resp: 39660

Ion Ratio Lower Upper

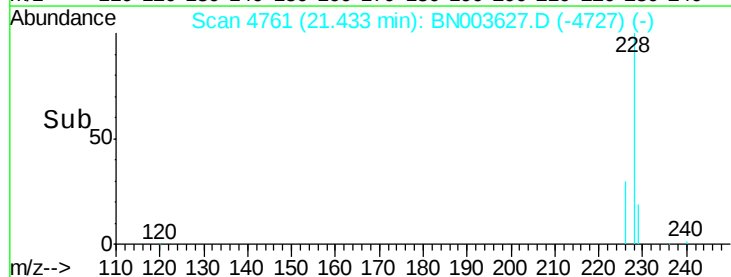
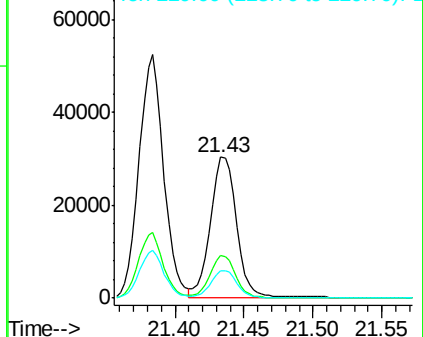
228 100

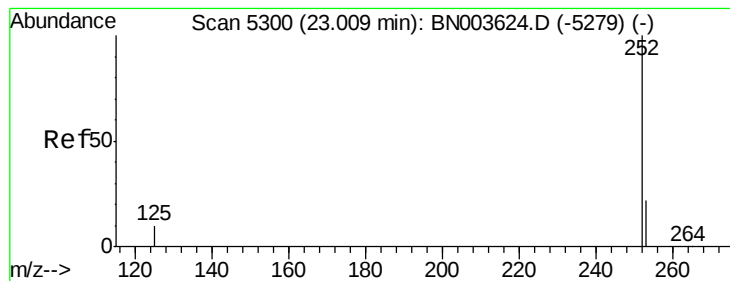
226 30.0 24.0 36.0

229 19.4 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: 0.329 ng/u1

RT: 23.01 min Scan# 5300

Delta R.T. 0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

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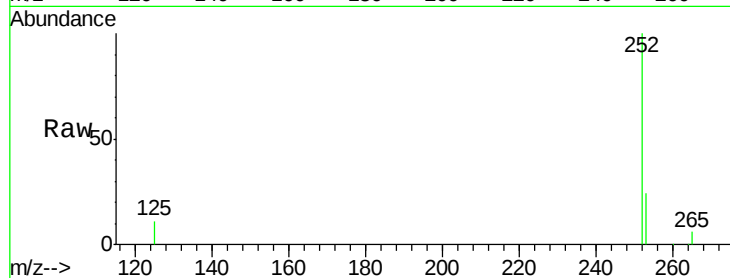
Tgt Ion:252 Resp: 35863

Ion Ratio Lower Upper

252 100

253 23.6 0.0 46.0

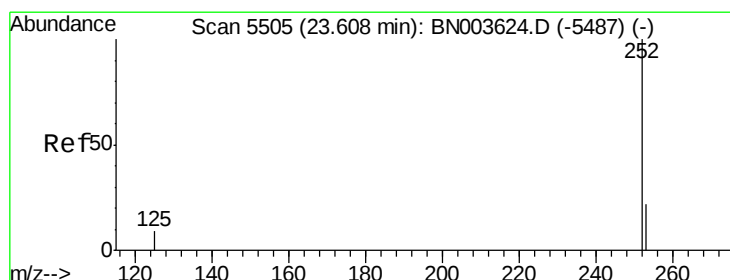
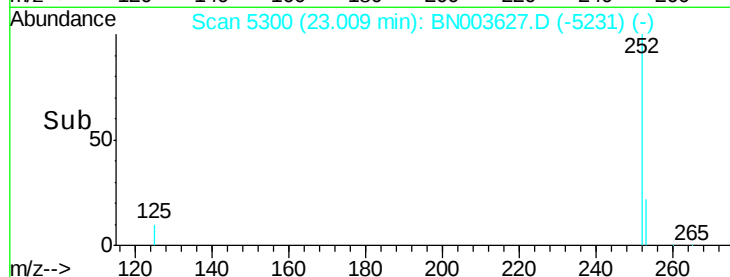
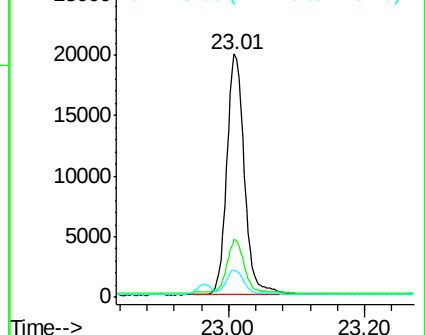
125 11.2 0.0 22.4



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: 0.468 ng/u1

RT: 23.61 min Scan# 5505

Delta R.T. 0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

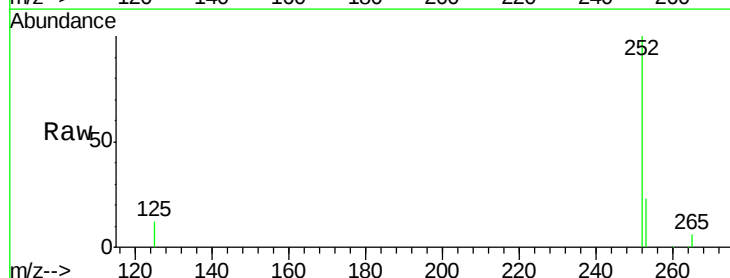
Tgt Ion:252 Resp: 44231

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.4

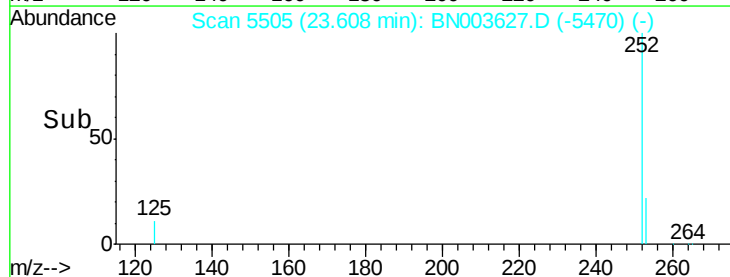
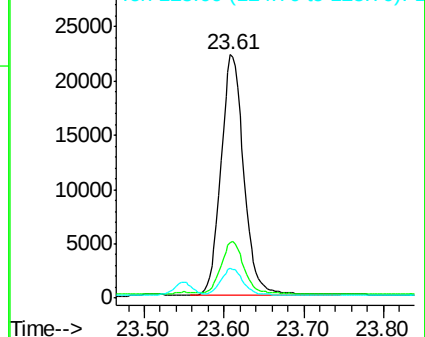
125 12.2 10.2 15.4

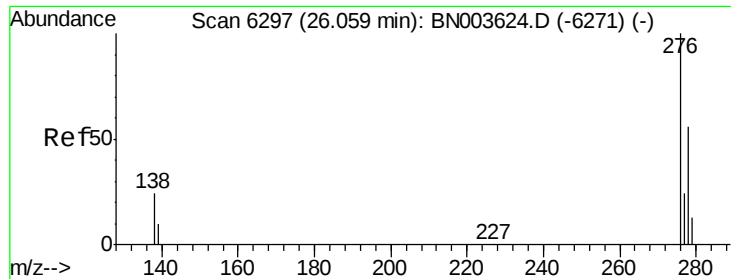


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



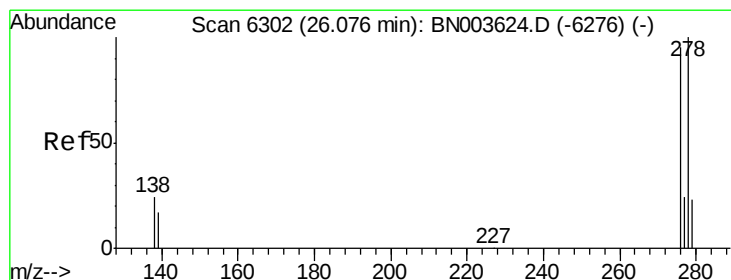
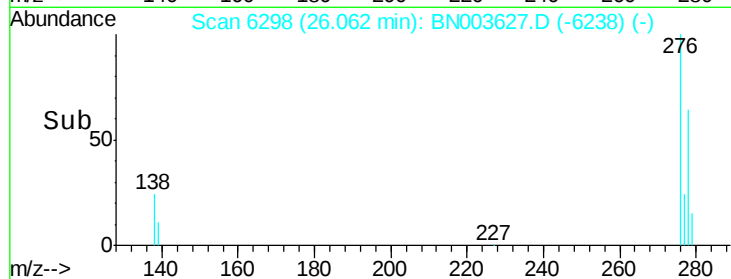
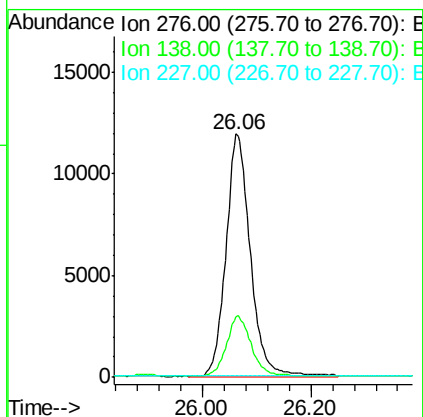
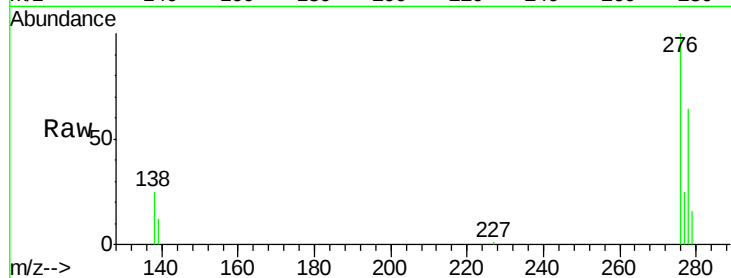


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/u1
RT: 26.06 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN003627.D
Acq: 20 Nov 2018 12:21

Instrument :
BNA_N
ClientSampleId :
A40T2

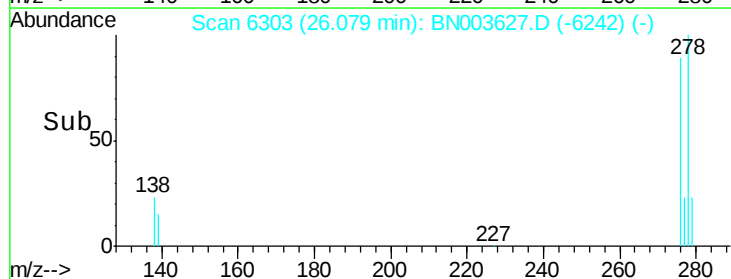
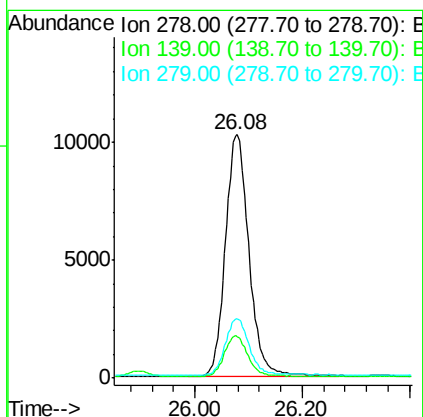
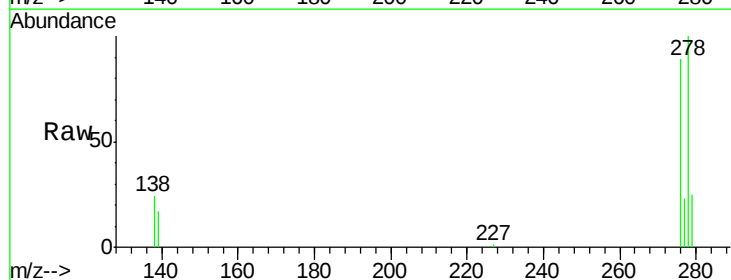
Tgt Ion:276 Resp: 37092
Ion Ratio Lower Upper
276 100
138 25.2 20.3 30.5
227 0.3 0.2 0.2#

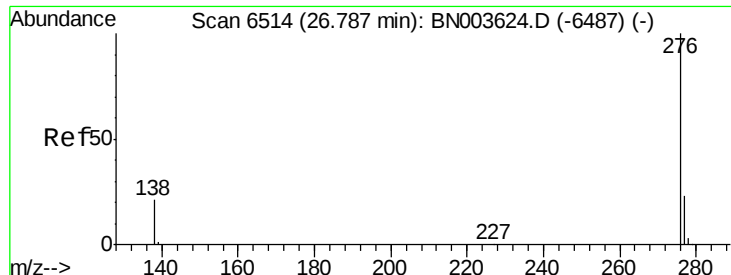


#25

Dibenzo(a,h)anthracene
Concen: 0.363 ng/u1
RT: 26.08 min Scan# 6303
Delta R.T. 0.00 min
Lab File: BN003627.D
Acq: 20 Nov 2018 12:21

Tgt Ion:278 Resp: 31670
Ion Ratio Lower Upper
278 100
139 17.0 14.2 21.4
279 24.6 19.8 29.6





#26

Benzo(g,h,i)perylene

Concen: 0.400 ng/ul

RT: 26.79 min Scan# 6515

Delta R.T. 0.00 min

Lab File: BN003627.D

Acq: 20 Nov 2018 12:21

Instrument :

BNA_N

ClientSampleId :

A40T2

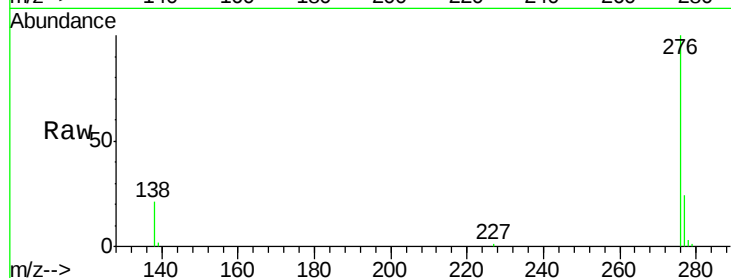
Tgt Ion: 276 Resp: 37610

Ion Ratio Lower Upper

276 100

138 21.5 17.7 26.5

277 23.9 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

