

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111918\
 Data File : BN003596.D
 Acq On : 19 Nov 2018 16:20
 Operator : MJ/SJ
 Sample : J5928-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40S5

Quant Time: Nov 19 17:35:28 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 : Mon Nov 19 15:40:59 2018
 Response via : Initial Calibration

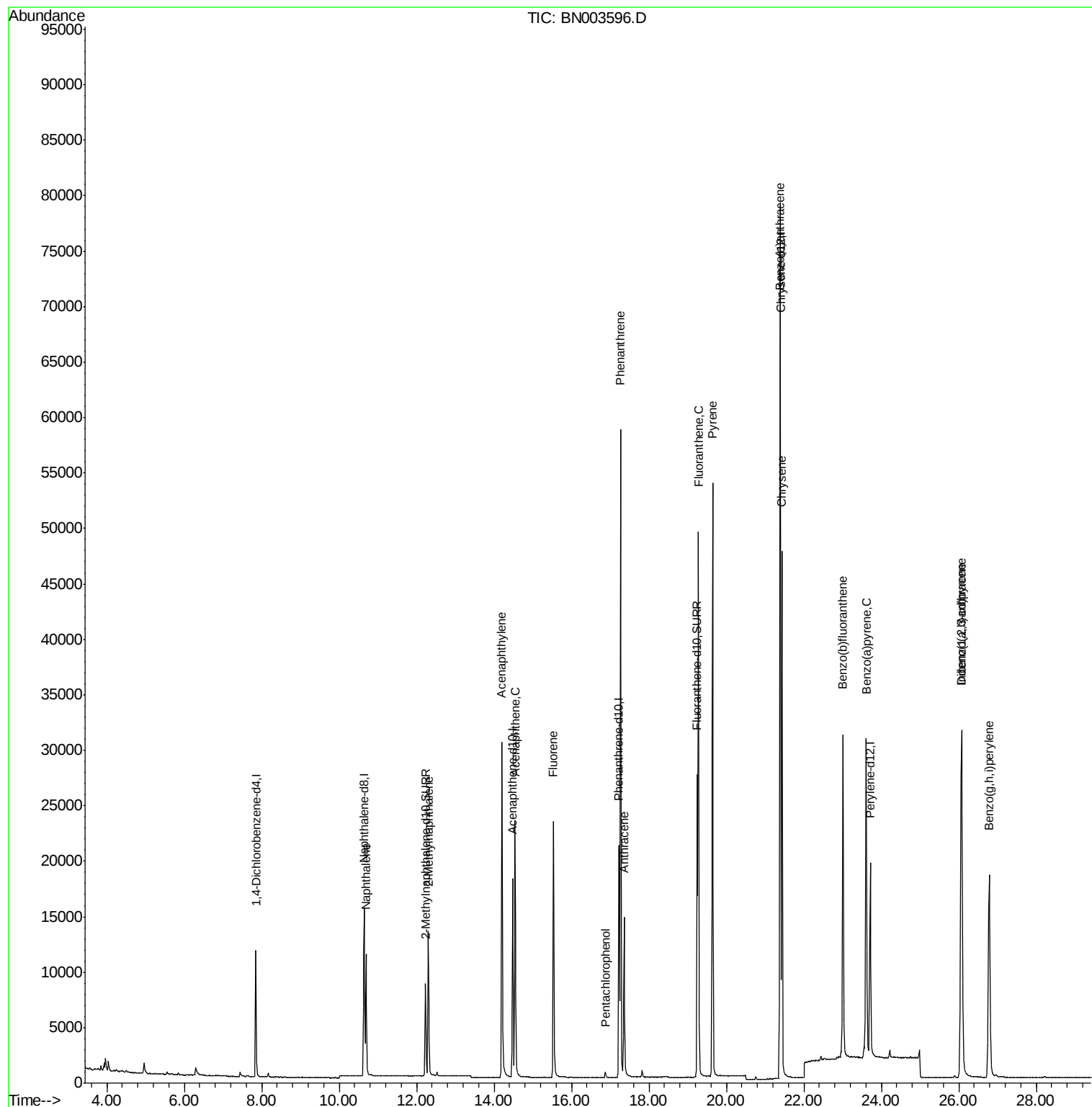
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5916	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	21869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	10408	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	25992	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	27916	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	24907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	11713	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	30729	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	15931	0.259	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	10359	0.242	ng/ul	100
7) Acenaphthylene	14.20	152	38594	0.823	ng/ul	100
8) Acenaphthene	14.54	153	14000	0.341	ng/ul	100
9) Fluorene	15.53	166	17687	0.369	ng/ul	100
11) Pentachlorophenol	16.87	266	535	0.114	ng/ul	97
12) Phenanthrene	17.26	178	63171	0.741	ng/ul	99
13) Anthracene	17.36	178	17126	0.244	ng/ul	99
15) Fluoranthene	19.28	202	42313	0.420	ng/ul	100
17) Pyrene	19.64	202	46302	0.462	ng/ul	100
18) Benzo(a)anthracene	21.38	228	63704	0.722	ng/ul	99
19) Chrysene	21.43	228	41342	0.410	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	39815	0.386	ng/ul	100
23) Benzo(a)pyrene	23.61	252	45261	0.507	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.06	276	39165	0.383	ng/ul	99
25) Dibenzo(a,h)anthracene	26.08	278	33728	0.410	ng/ul	99
26) Benzo(a,h,i)perylene	26.79	276	40784	0.459	ng/ul	99

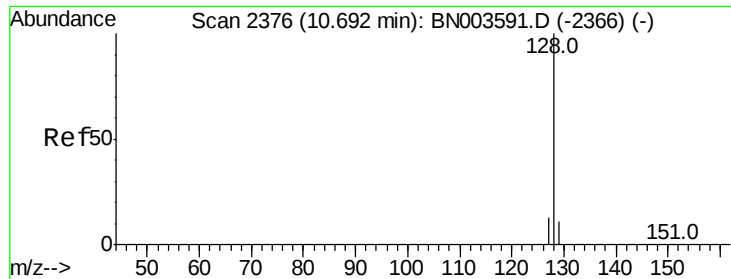
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.259 ng/ul

RT: 10.69 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

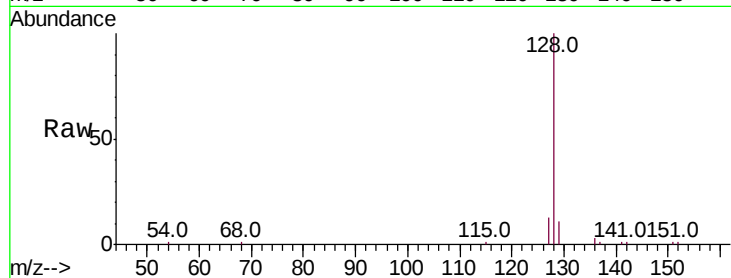
Tot Ion:128 Resp: 15931

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

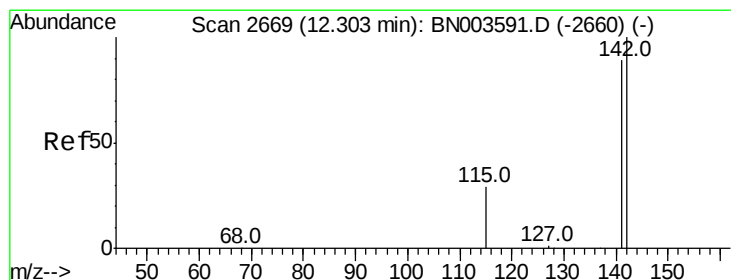
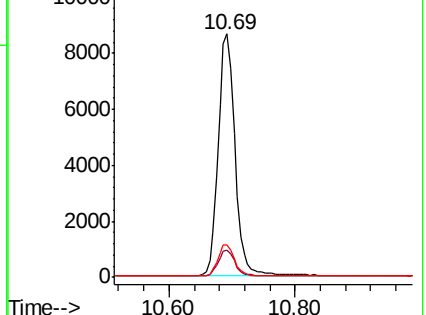
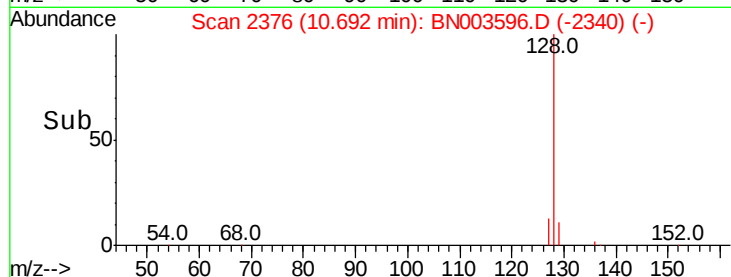
127 13.5 10.5 15.7



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: 0.242 ng/ul

RT: 12.30 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BN003596.D

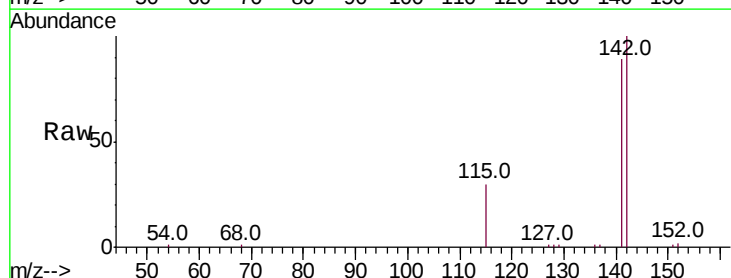
Acq: 19 Nov 2018 16:20

Tgt Ion:142 Resp: 10359

Ion Ratio Lower Upper

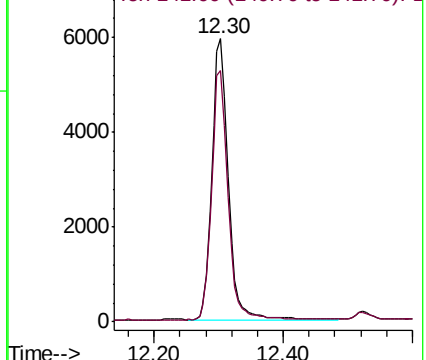
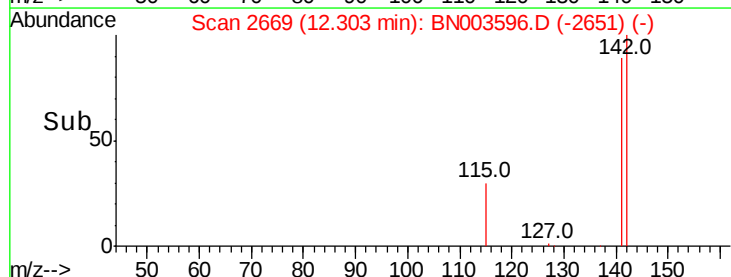
142 100

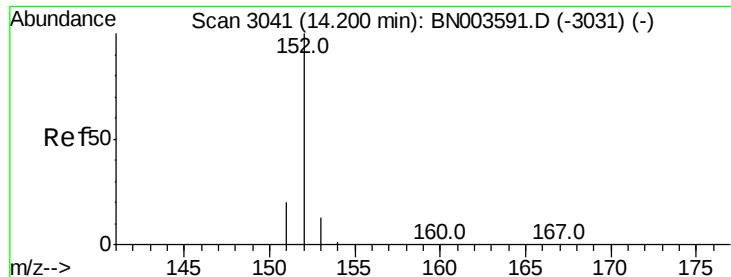
141 89.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.823 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

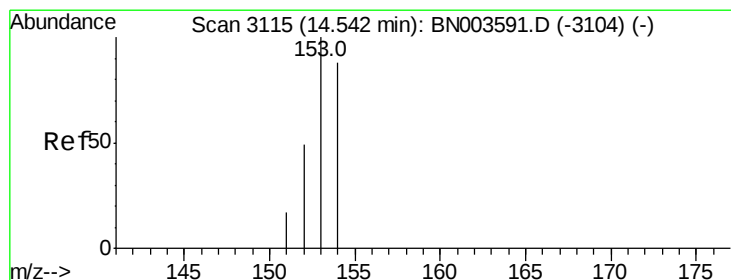
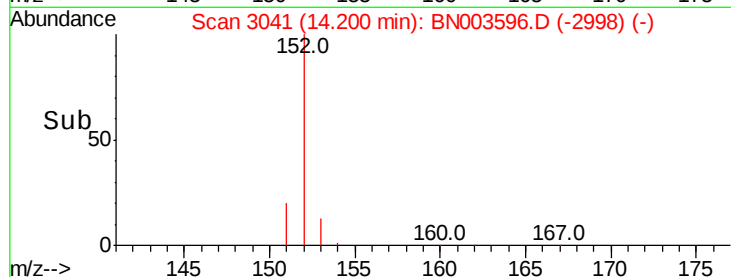
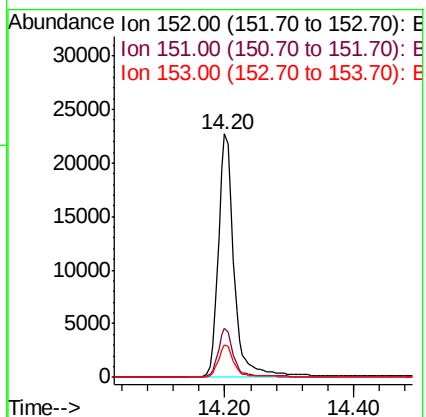
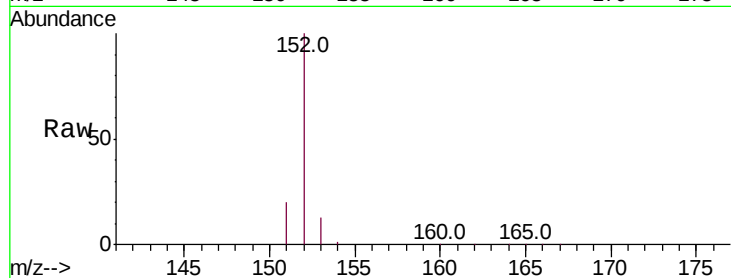
Tot Ion:152 Resp: 38594

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.7 16.1



#8

Acenaphthene

Concen: 0.341 ng/ul

RT: 14.54 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

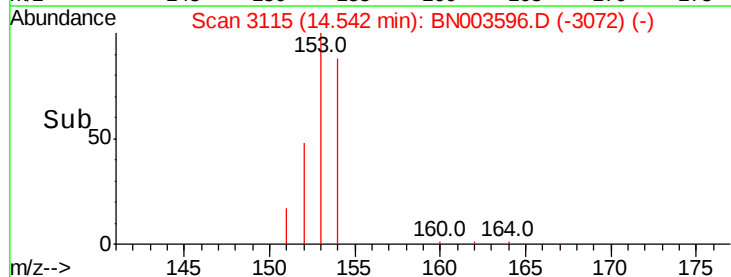
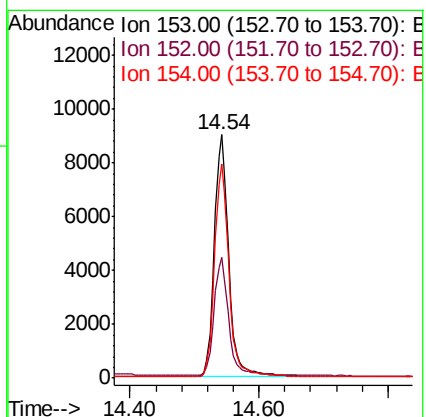
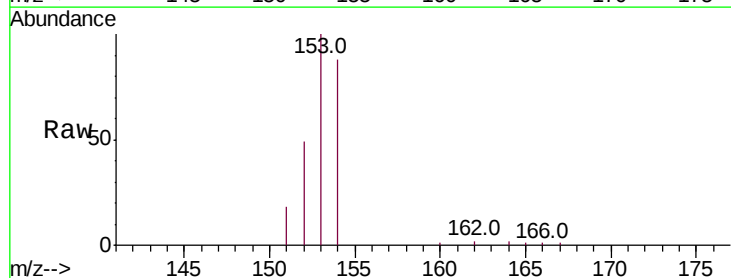
Tgt Ion:153 Resp: 14000

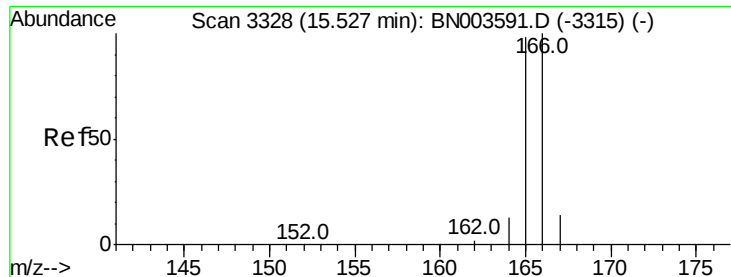
Ion Ratio Lower Upper

153 100

152 49.4 39.3 58.9

154 87.9 70.3 105.5





#9

Fluorene

Concen: 0.369 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

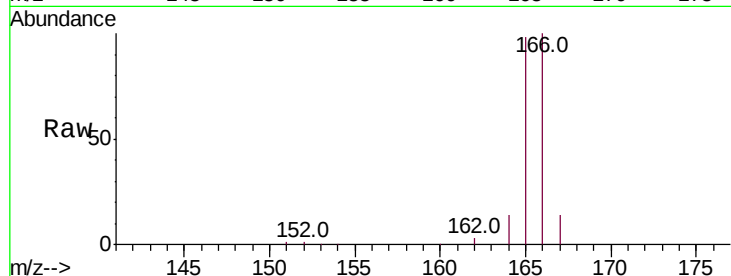
Tot Ion:166 Resp: 17687

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

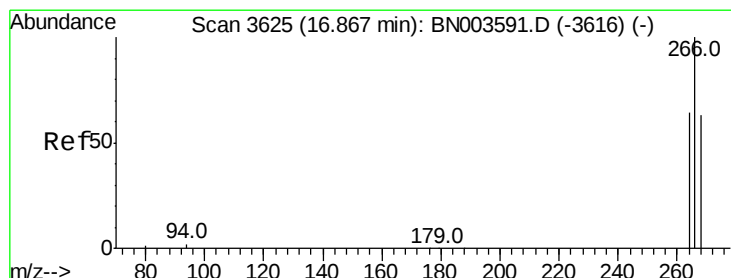
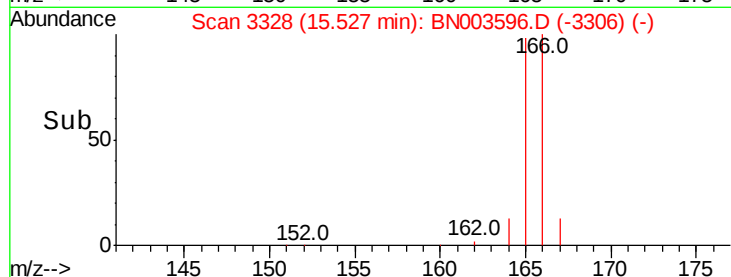
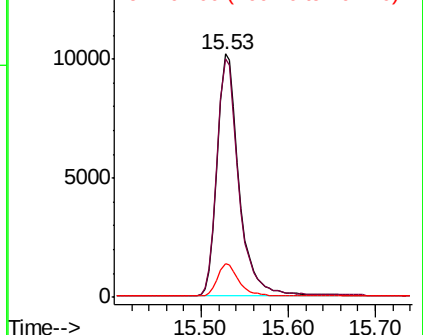
167 13.6 11.3 16.9



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: 0.114 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

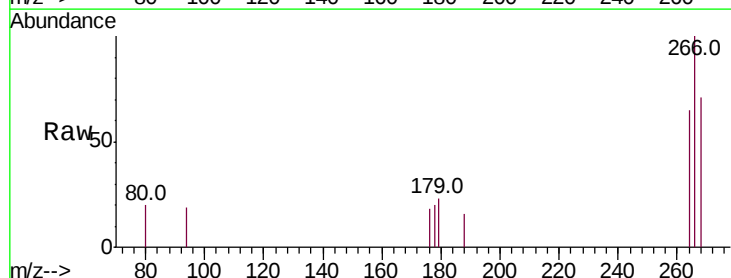
Tgt Ion:266 Resp: 535

Ion Ratio Lower Upper

266 100

264 62.2 49.4 74.2

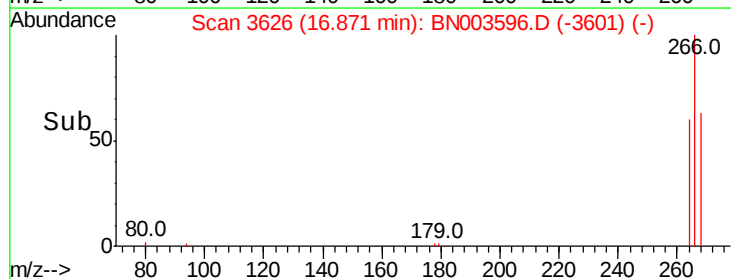
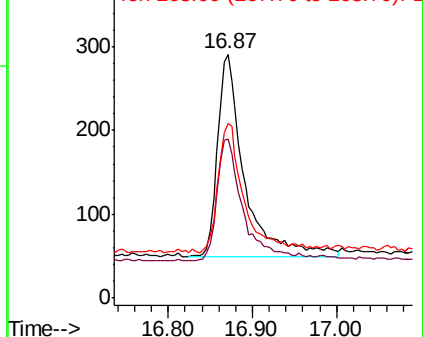
268 60.4 51.7 77.5

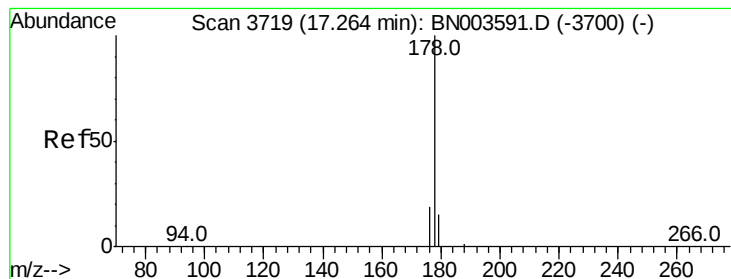


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.741 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

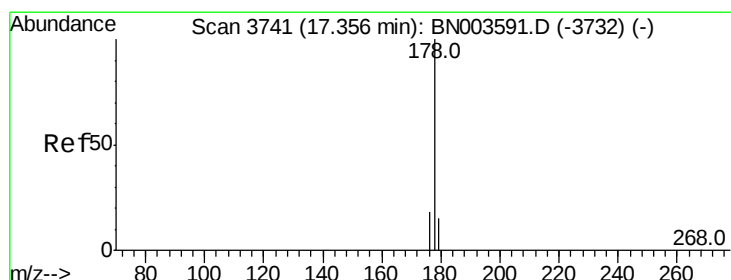
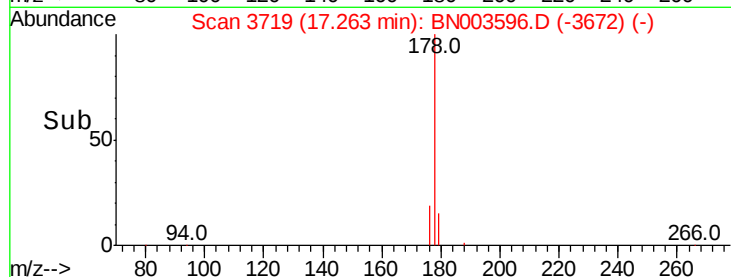
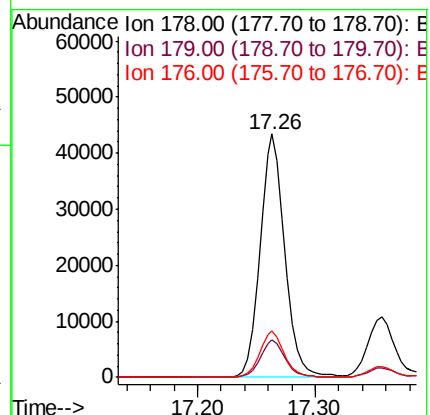
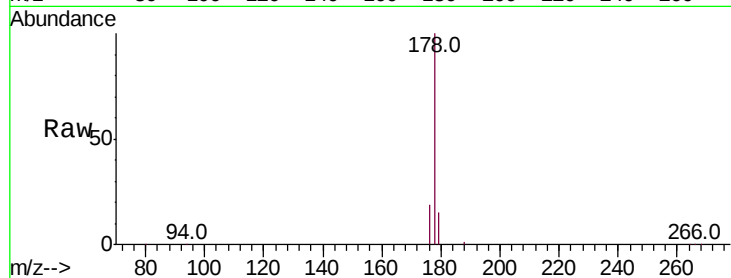
Tot Ion:178 Resp: 63171

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 15.0 22.4



#13

Anthracene

Concen: 0.244 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

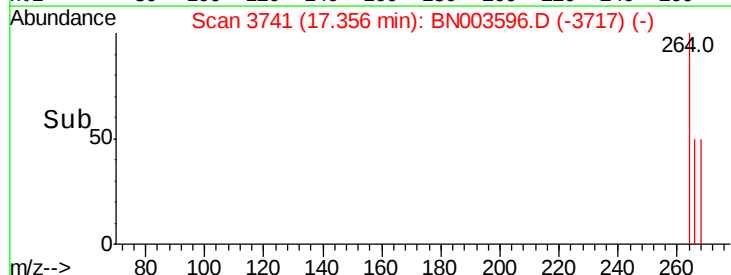
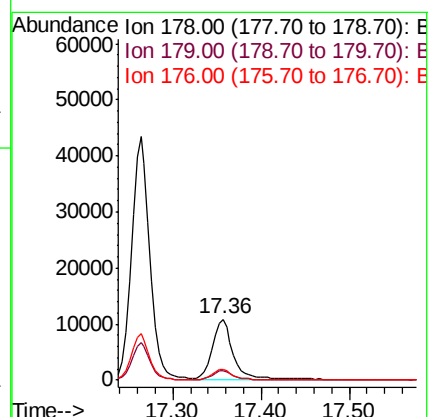
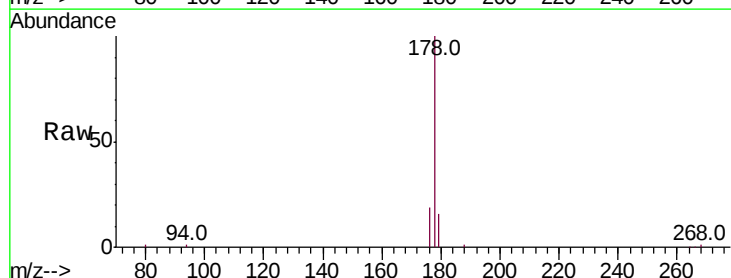
Tgt Ion:178 Resp: 17126

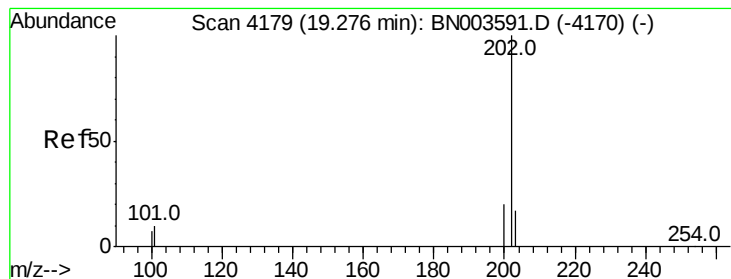
Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 18.6 14.8 22.2





#15

Fluoranthene

Concen: 0.420 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

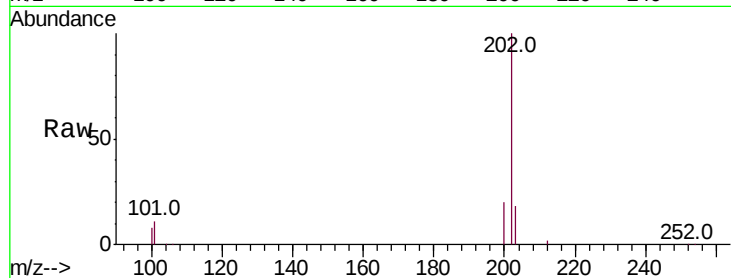
Tot Ion:202 Resp: 42313

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

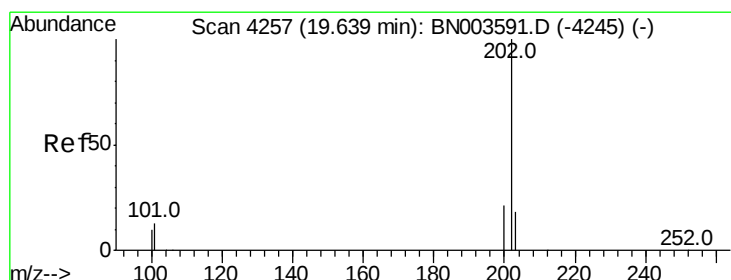
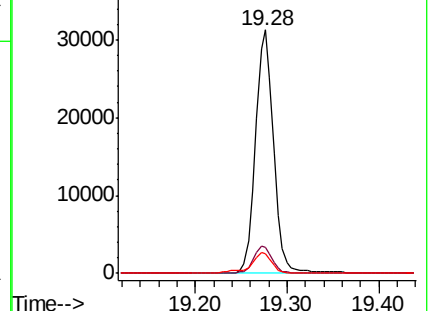
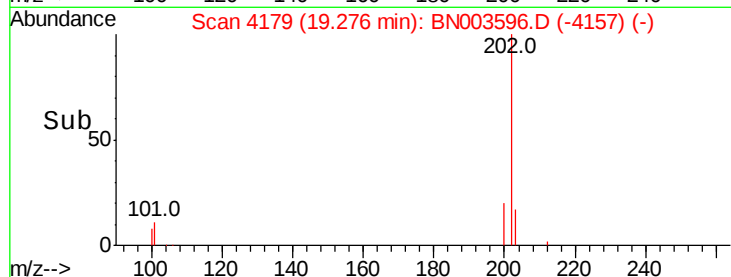
100 8.0 0.0 28.1



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: 0.462 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

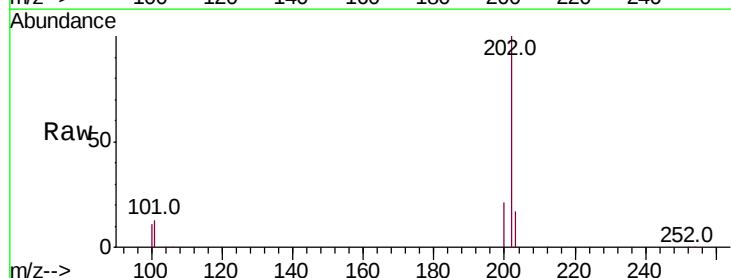
Tgt Ion:202 Resp: 46302

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

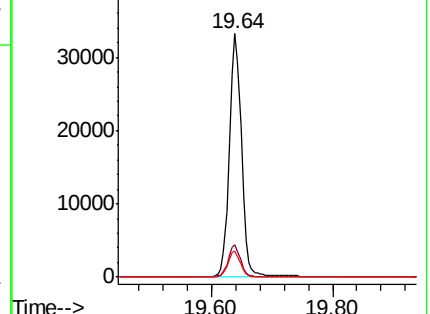
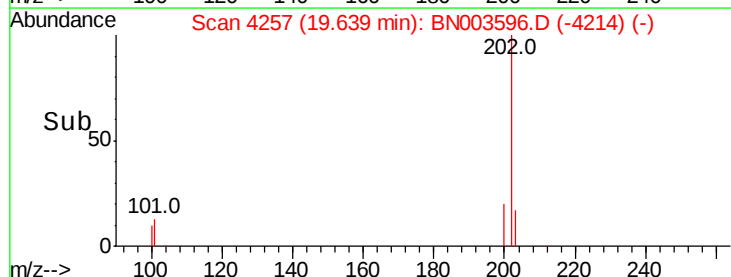
100 10.6 8.5 12.7

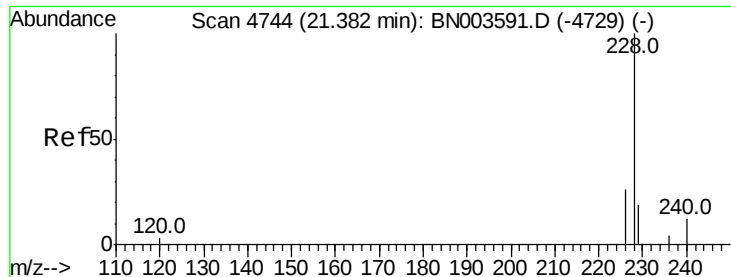


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.722 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

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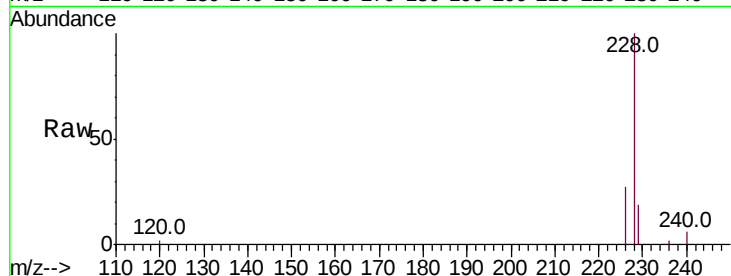
Tot Ion:228 Resp: 63704

Ion Ratio Lower Upper

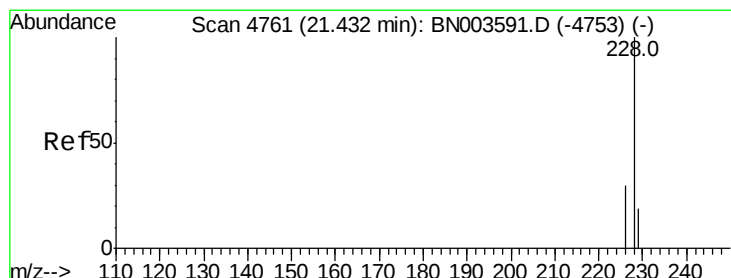
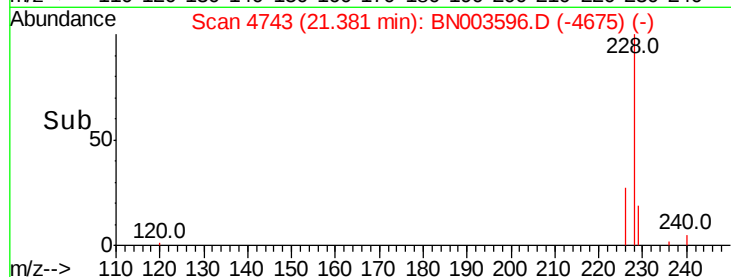
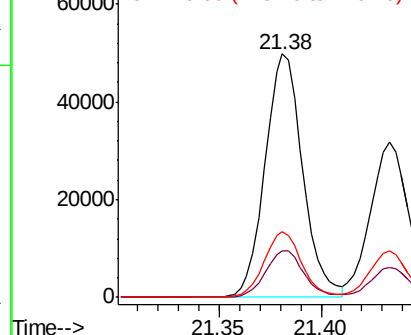
228 100

229 19.3 15.6 23.4

226 27.1 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: 0.410 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. 0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

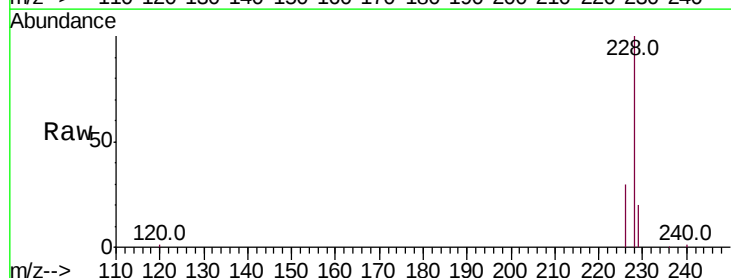
Tgt Ion:228 Resp: 41342

Ion Ratio Lower Upper

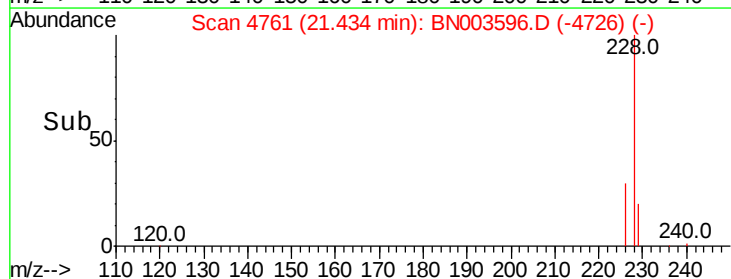
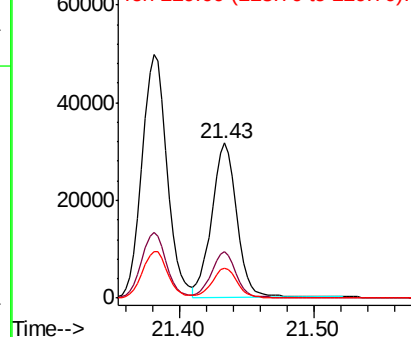
228 100

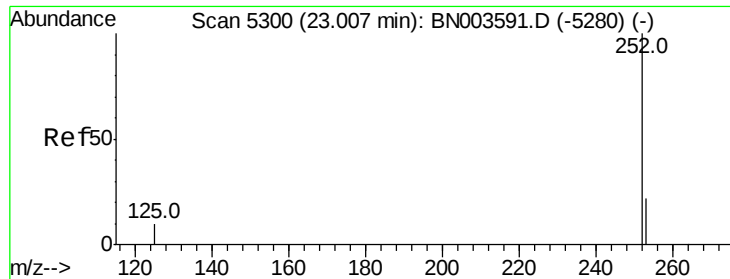
226 29.8 24.0 36.0

229 19.7 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: 0.386 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

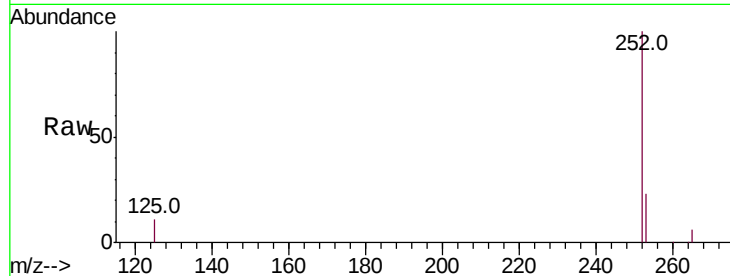
Tot Ion:252 Resp: 39815

Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.0

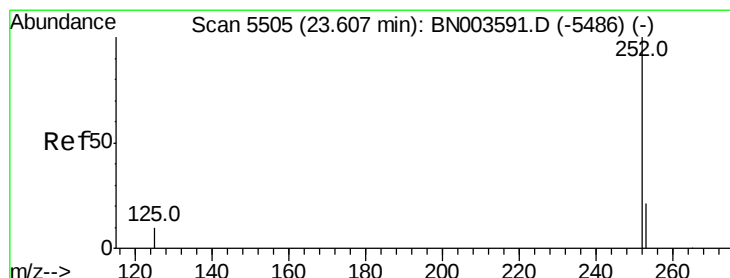
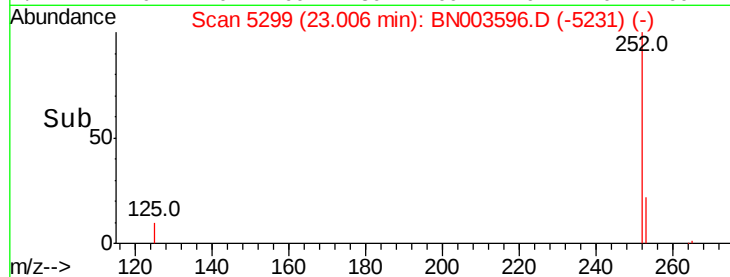
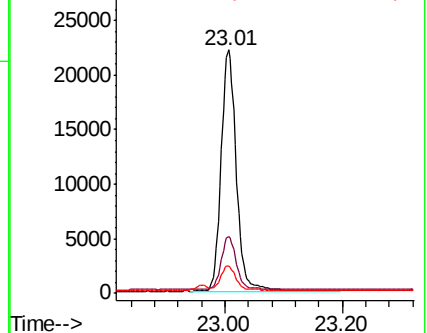
125 11.2 0.0 22.4



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: 0.507 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. -0.00 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

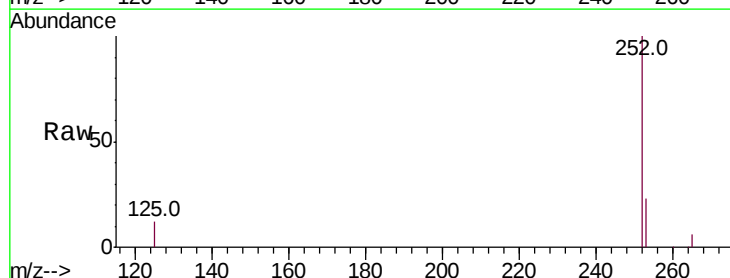
Tgt Ion:252 Resp: 45261

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.4

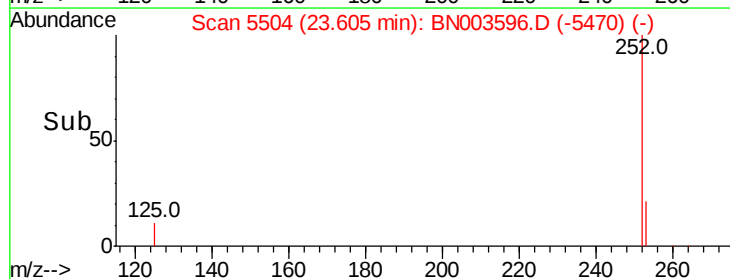
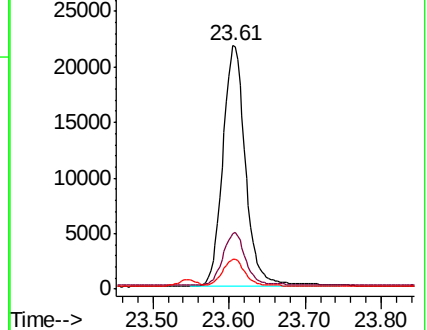
125 12.3 10.2 15.4

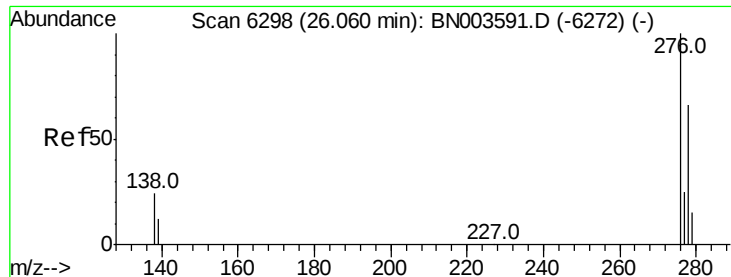


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



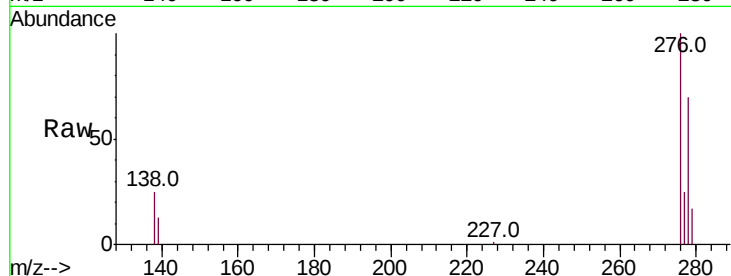


#24

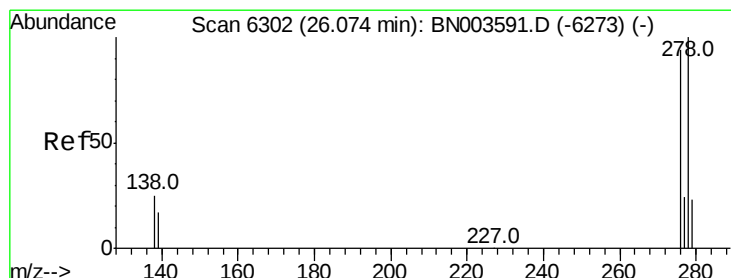
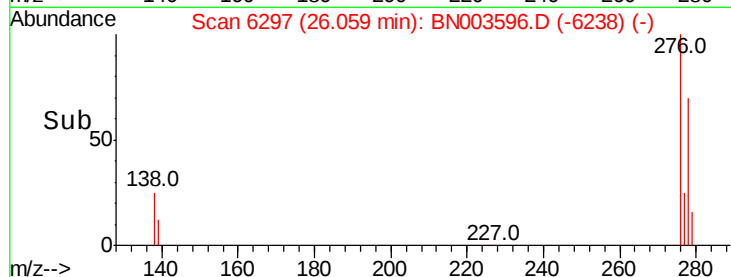
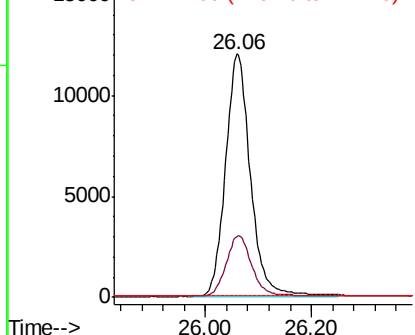
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/u1
RT: 26.06 min Scan# 6297
Delta R.T. -0.00 min
Lab File: BN003596.D
Acq: 19 Nov 2018 16:20

Instrument :
BNA_N
ClientSampleId :
A40S5

Tot Ion:276 Resp: 39165
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
227 0.2 0.2 0.2



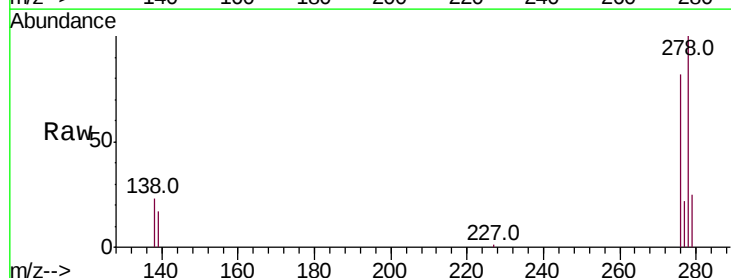
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



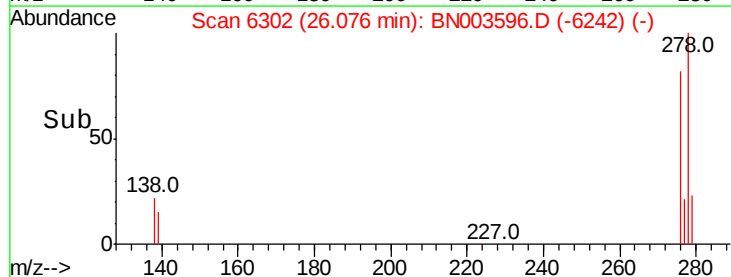
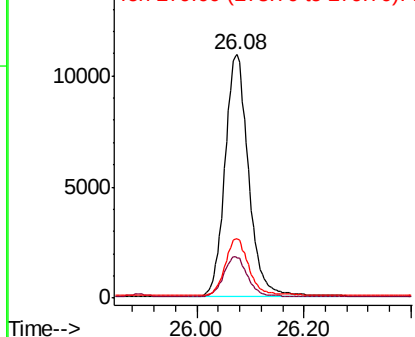
#25

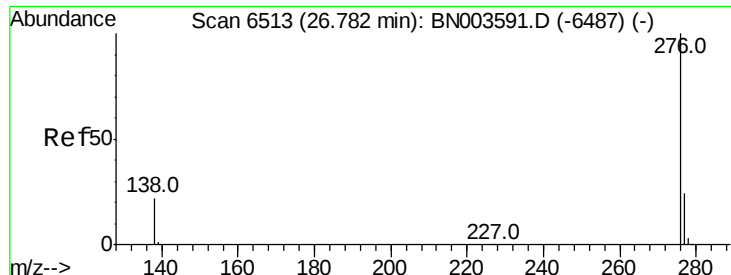
Dibenzo(a,h)anthracene
Concen: 0.410 ng/u1
RT: 26.08 min Scan# 6302
Delta R.T. 0.00 min
Lab File: BN003596.D
Acq: 19 Nov 2018 16:20

Tgt Ion:278 Resp: 33728
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.4
279 24.6 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(a,h,i)perylene

Concen: 0.459 ng/ul

RT: 26.79 min Scan# 6514

Delta R.T. 0.01 min

Lab File: BN003596.D

Acq: 19 Nov 2018 16:20

Instrument :

BNA_N

ClientSampleId :

A40S5

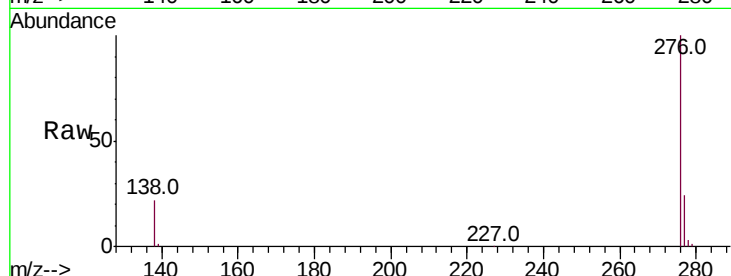
Tot Ion:276 Resp: 40784

Ion Ratio Lower Upper

276 100

138 21.9 17.7 26.5

277 23.6 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

