

Data File : BN003666.D
Acq On : 01 Dec 2018 17:35
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.478

Quant Time: Dec 03 01:19:38 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 Dec 03 01:15:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5130	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	20278	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	10638	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	24356	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	23035	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	20506	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	12338	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	27992	0.39	ng/ul	0.00

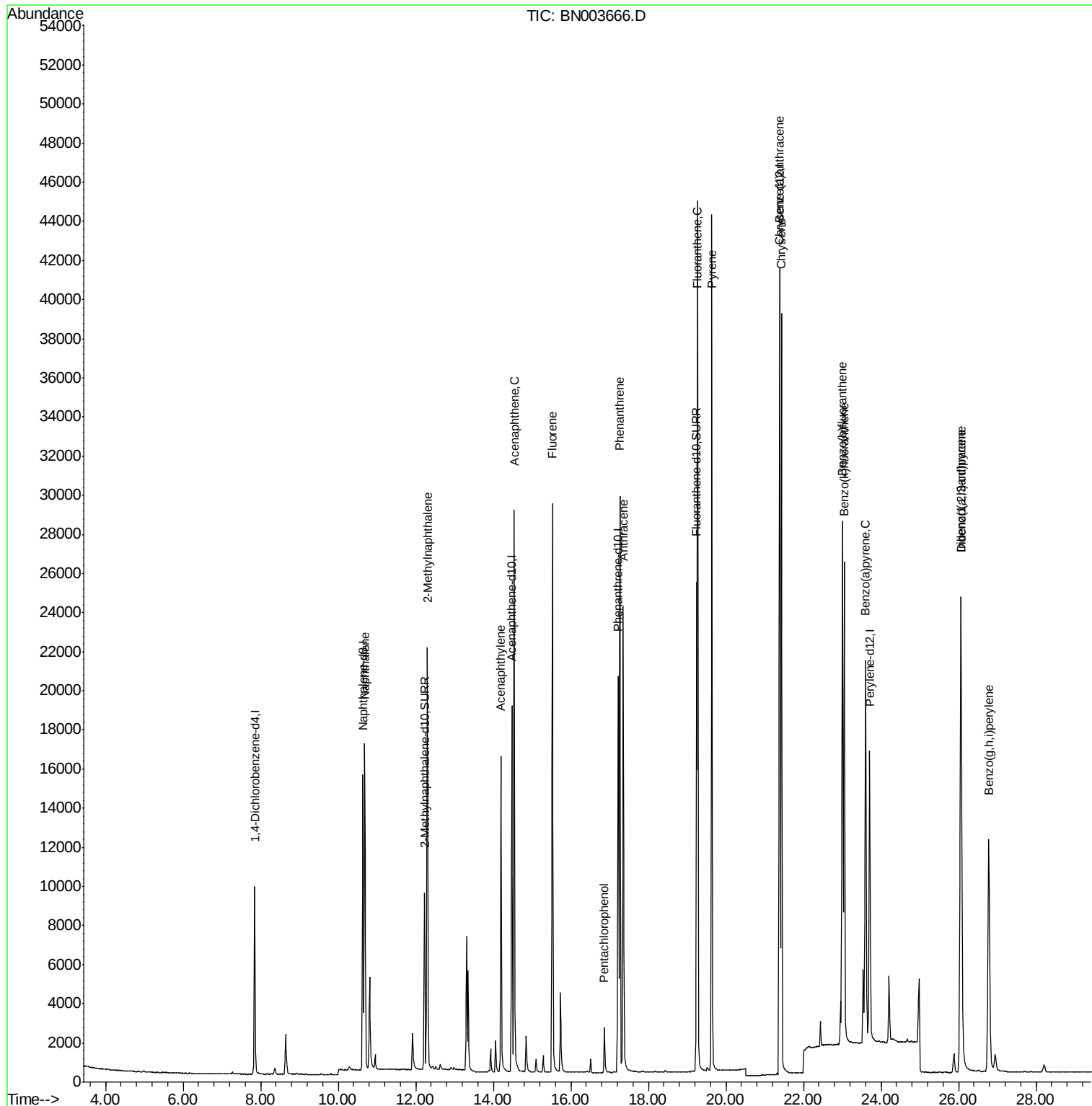
Target Compounds				Qvalue		
3) Naphthalene	10.69	128	23229	0.408	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	16249	0.409	ng/ul	99
7) Acenaphthylene	14.20	152	20075	0.419	ng/ul	100
8) Acenaphthene	14.54	153	17232	0.411	ng/ul	100
9) Fluorene	15.52	166	19557	0.400	ng/ul	99
11) Pentachlorophenol	16.86	266	1936	0.441	ng/ul	98
12) Phenanthrene	17.26	178	33014	0.413	ng/ul	100
13) Anthracene	17.35	178	27539	0.419	ng/ul	100
15) Fluoranthene	19.27	202	38189	0.405	ng/ul	98
17) Pyrene	19.63	202	37181	0.450	ng/ul	98
18) Benzo(a)anthracene	21.38	228	30686	0.422	ng/ul	99
19) Chrysene	21.43	228	33843	0.406	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	35267	0.416	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	33731	0.408	ng/ul	99
23) Benzo(a)pyrene	23.60	252	30163	0.411	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.06	276	32092	0.381	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	25031	0.369	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	27443	0.375	ng/ul	99

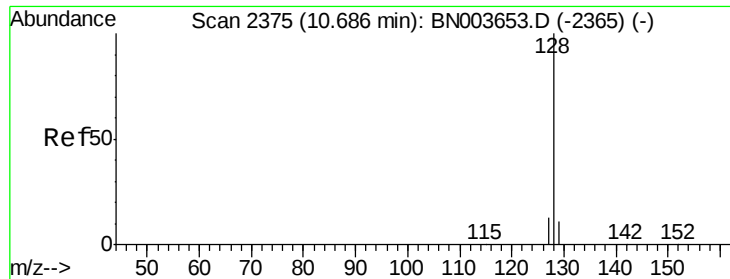
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003666.D
Acq On : 01 Dec 2018 17:35
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.478

Quant Time: Dec 03 01:19:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 03 01:15:58 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.408 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

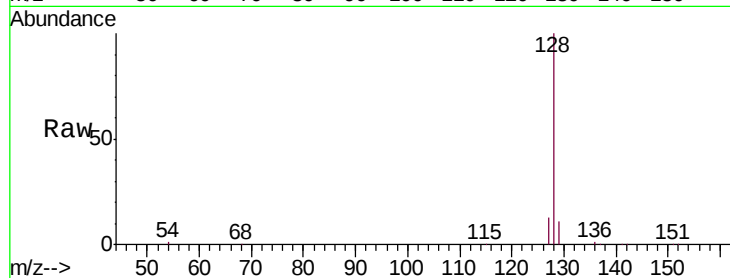
Tgt Ion:128 Resp: 23229

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

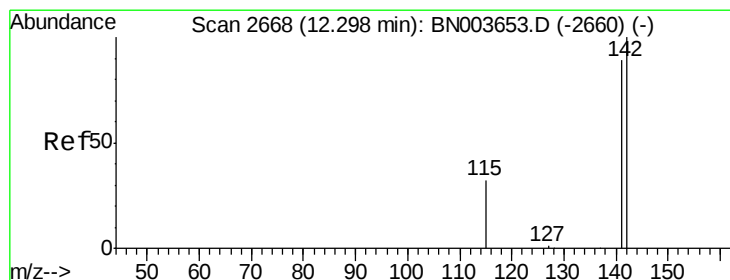
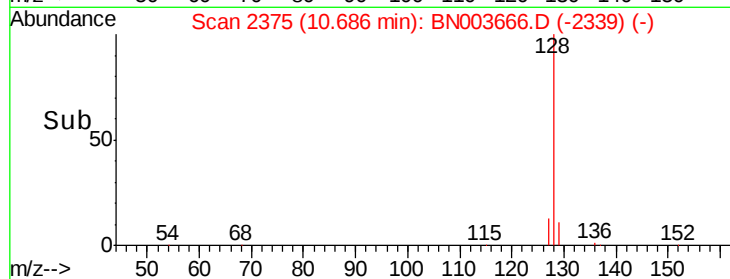
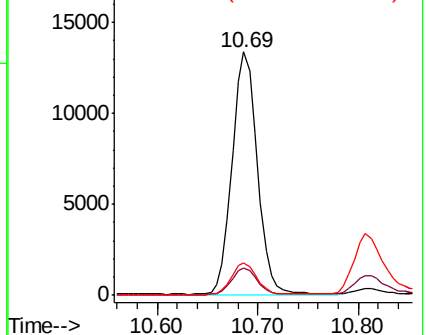
127 13.4 10.5 15.7



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: 0.409 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN003666.D

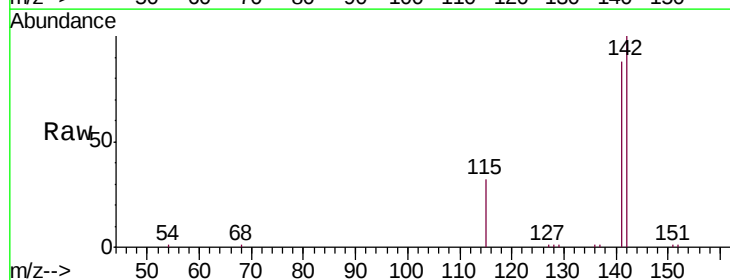
Acq: 01 Dec 2018 17:35

Tgt Ion:142 Resp: 16249

Ion Ratio Lower Upper

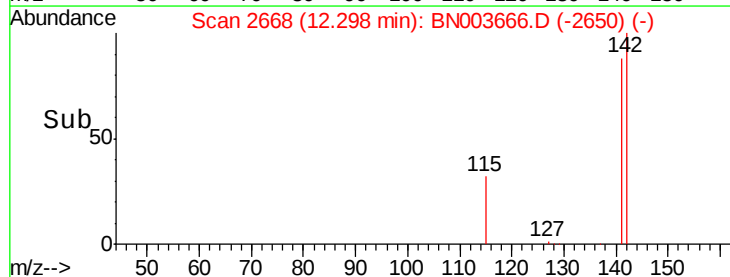
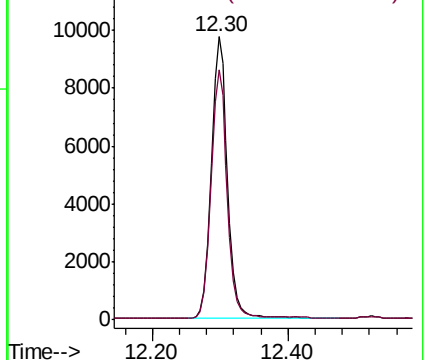
142 100

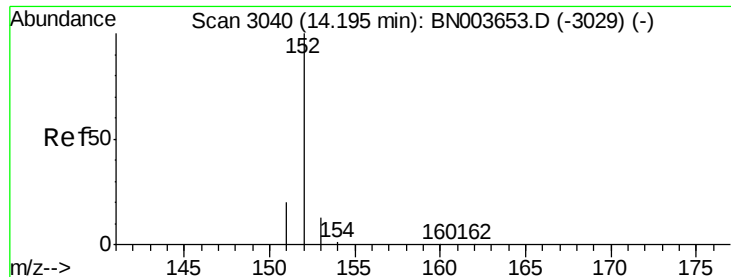
141 88.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.419 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

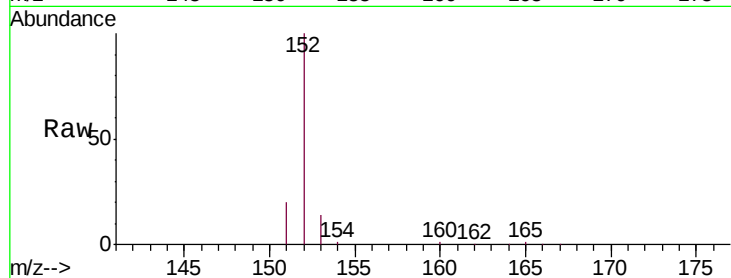
Tgt Ion:152 Resp: 20075

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

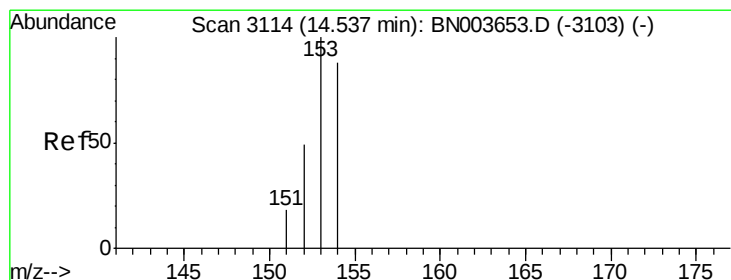
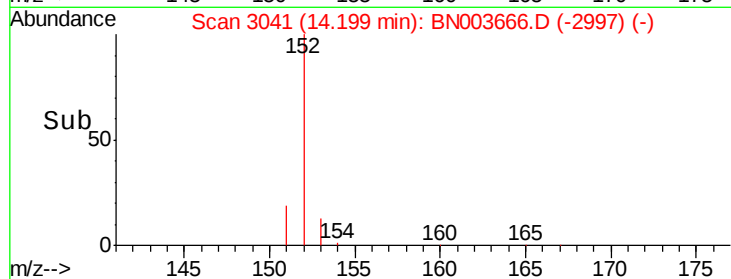
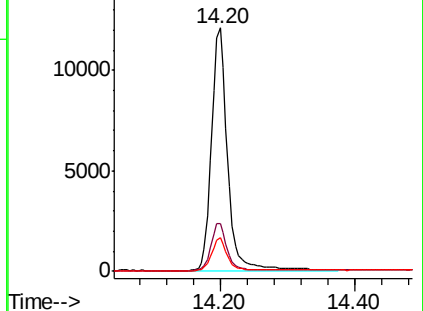
153 13.7 10.7 16.1



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: 0.411 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

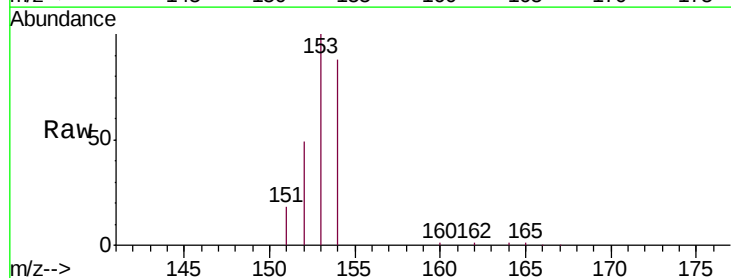
Tgt Ion:153 Resp: 17232

Ion Ratio Lower Upper

153 100

152 48.7 39.3 58.9

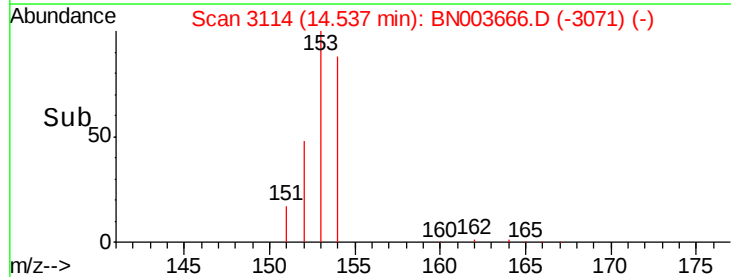
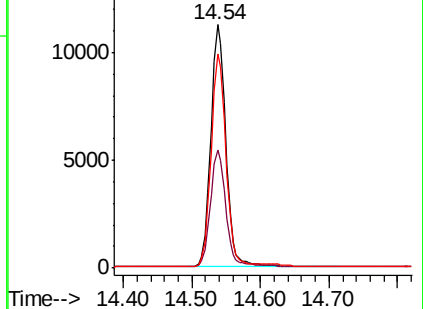
154 87.8 70.3 105.5

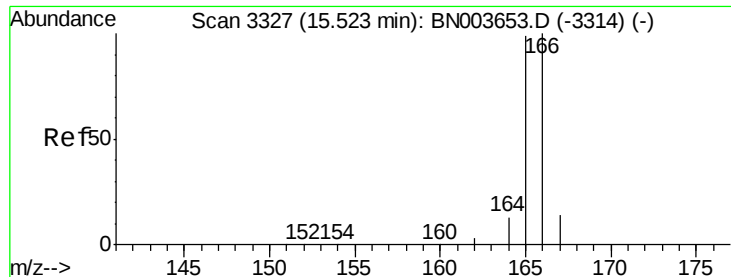


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.400 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

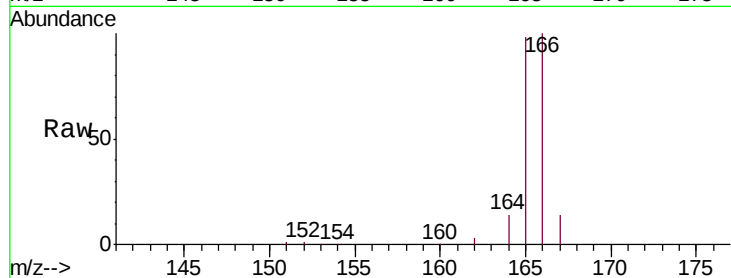
Tgt Ion:166 Resp: 19557

Ion Ratio Lower Upper

166 100

165 98.4 78.3 117.5

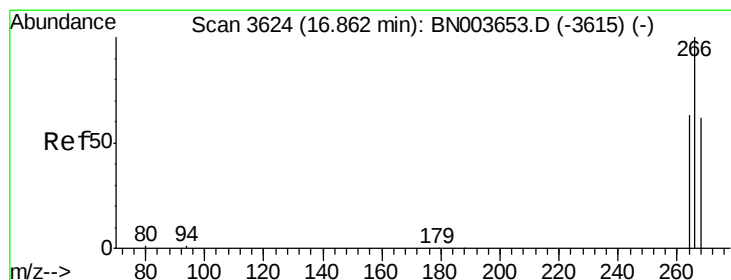
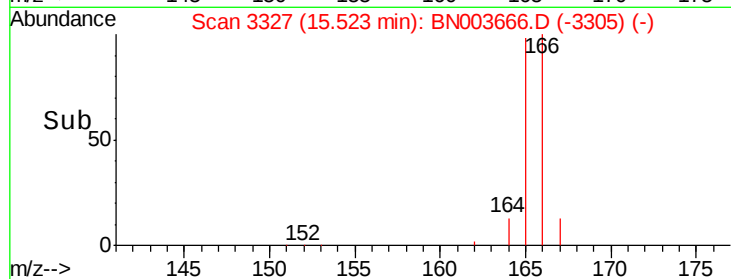
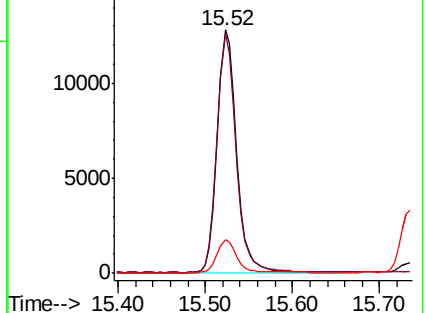
167 13.8 11.3 16.9



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: 0.441 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

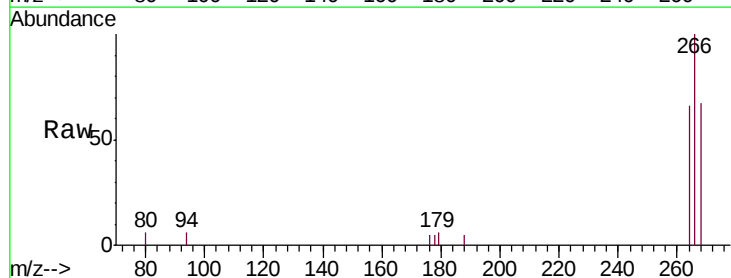
Tgt Ion:266 Resp: 1936

Ion Ratio Lower Upper

266 100

264 60.7 49.4 74.2

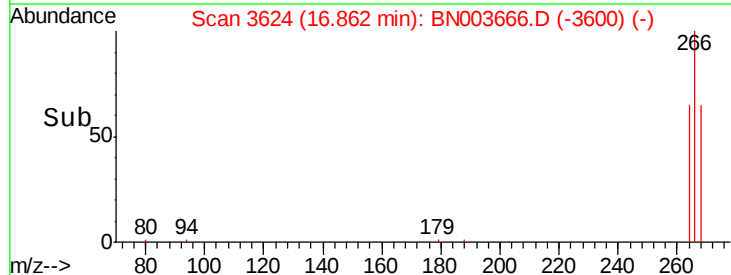
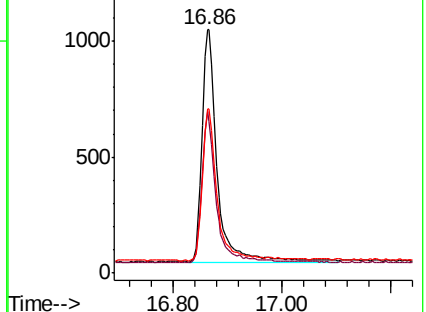
268 66.0 51.7 77.5

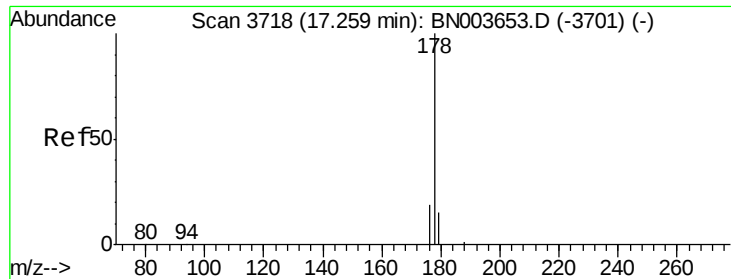


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

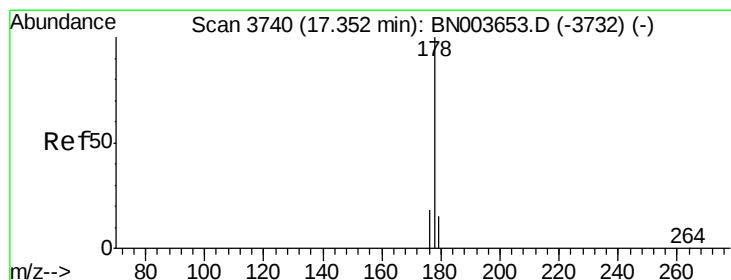
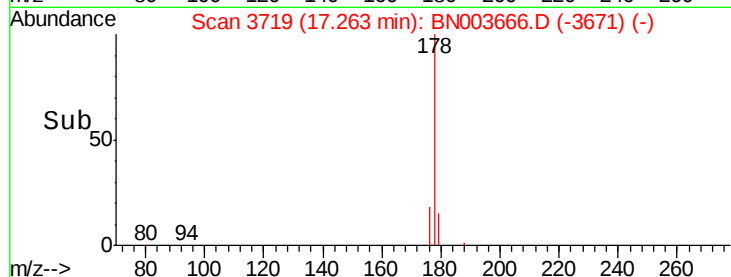
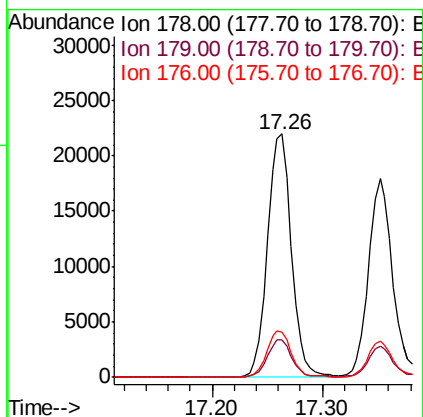
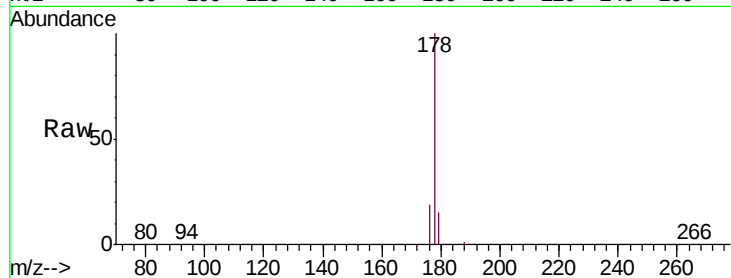
Tgt Ion:178 Resp: 33014

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.7 15.0 22.4



#13

Anthracene

Concen: 0.419 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

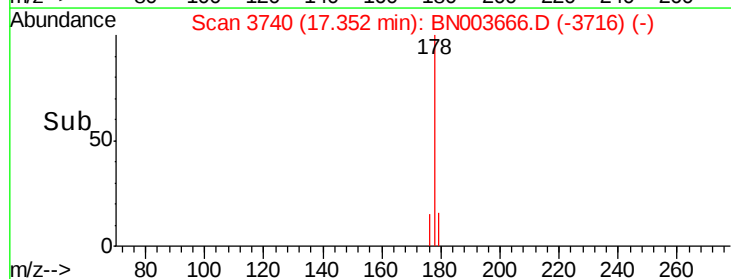
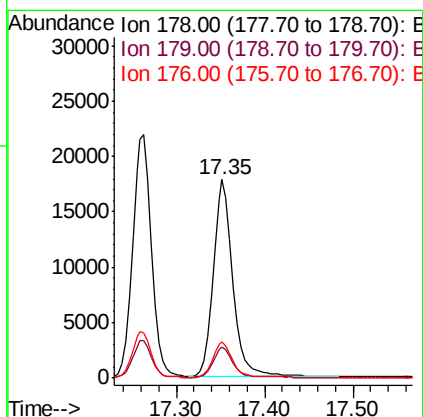
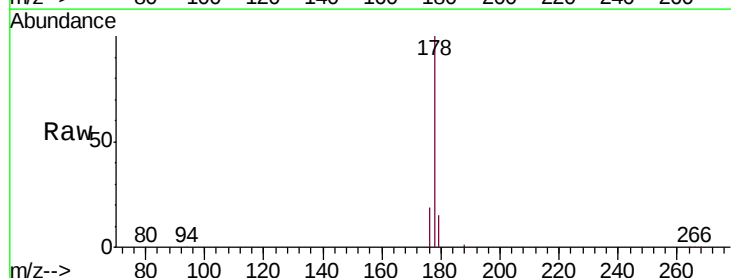
Tgt Ion:178 Resp: 27539

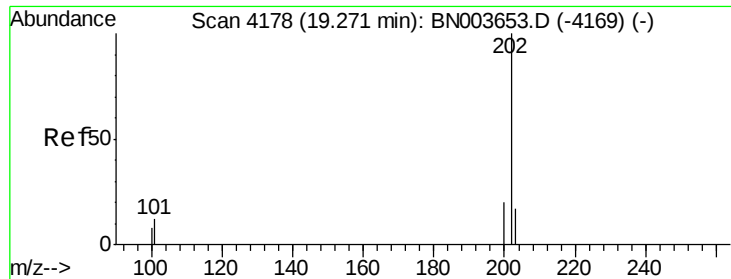
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.6 14.8 22.2





#15

Fluoranthene

Concen: 0.405 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

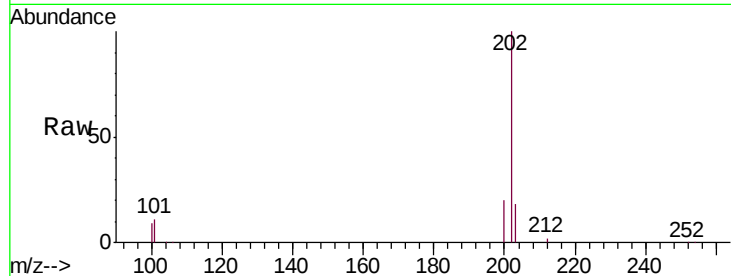
Tgt Ion:202 Resp: 38189

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

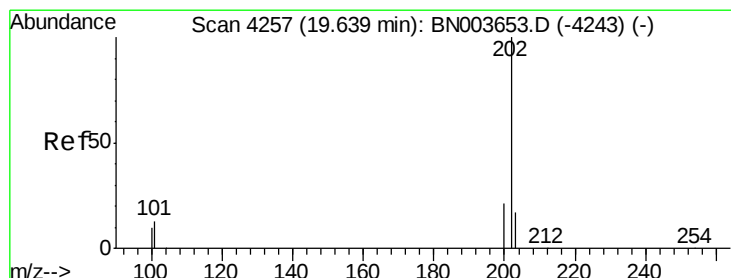
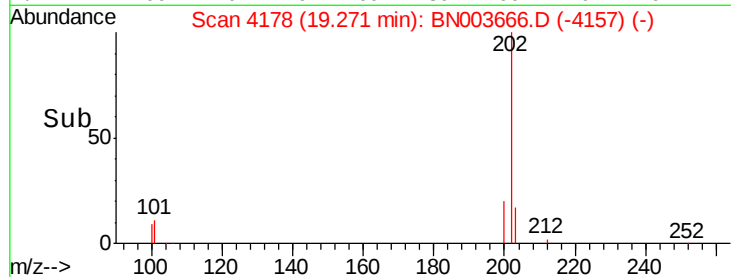
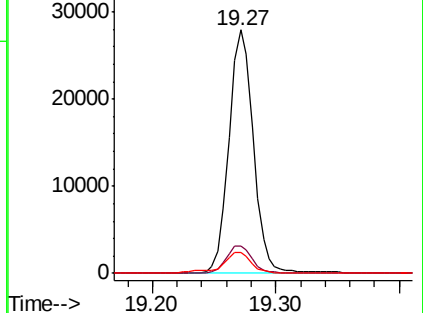
100 8.7 0.0 28.1



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: 0.450 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

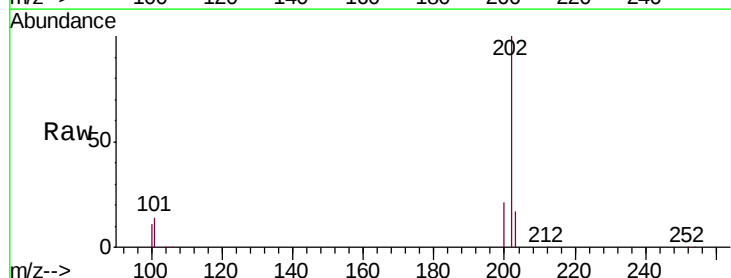
Tgt Ion:202 Resp: 37181

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

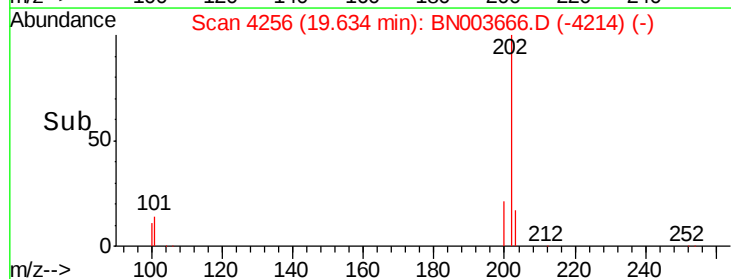
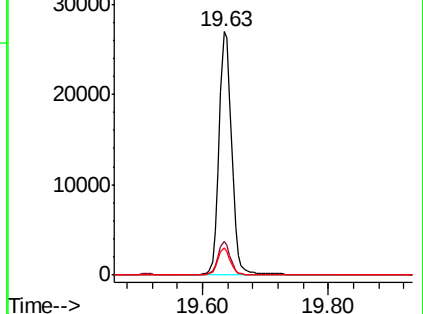
100 11.2 8.5 12.7

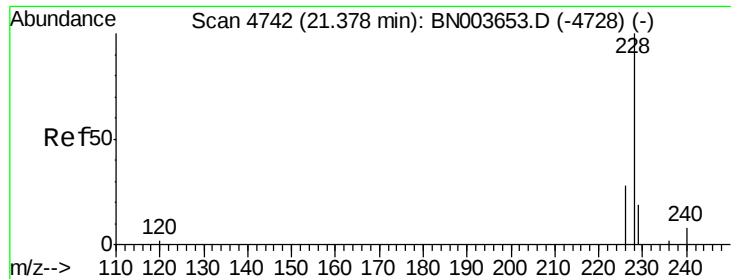


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.422 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

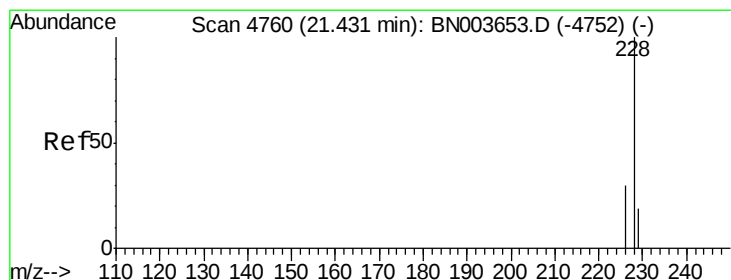
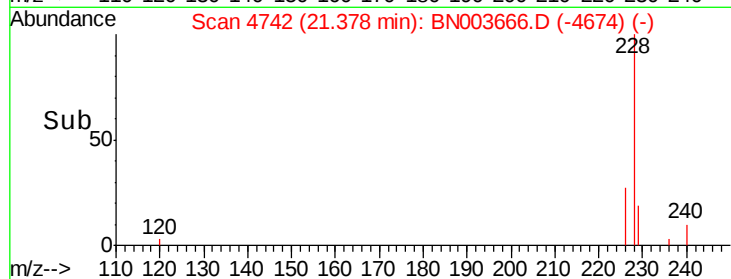
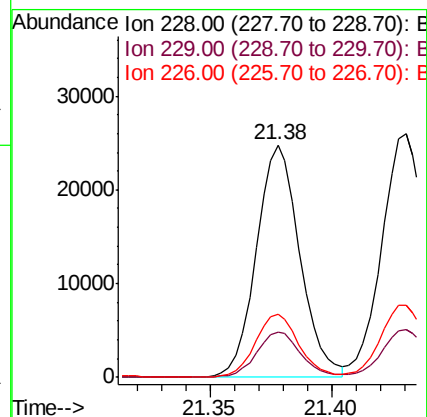
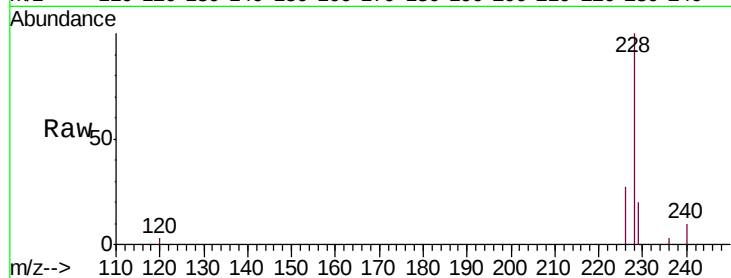
Tgt Ion:228 Resp: 30686

Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

226 27.0 21.1 31.7



#19

Chrysene

Concen: 0.406 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

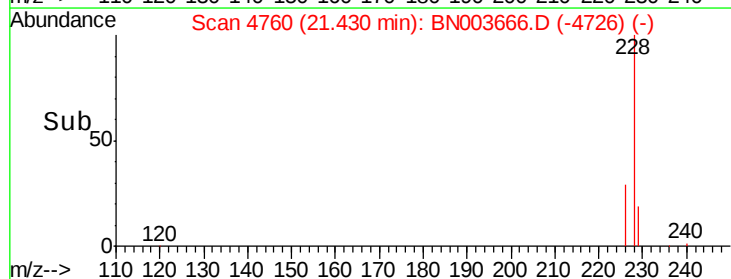
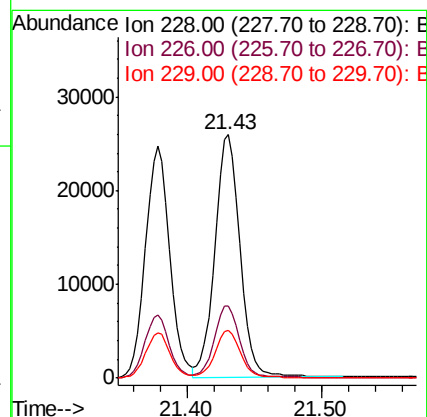
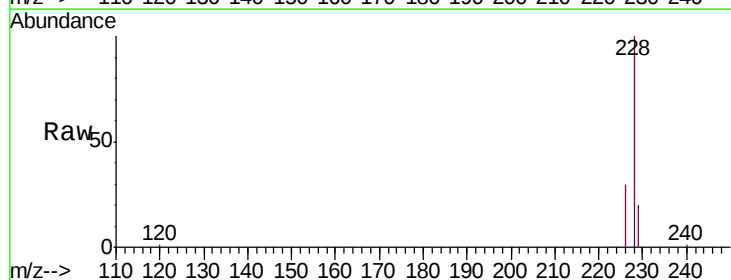
Tgt Ion:228 Resp: 33843

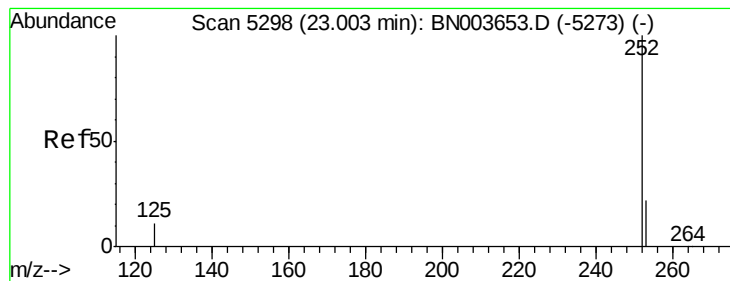
Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.6 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.416 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

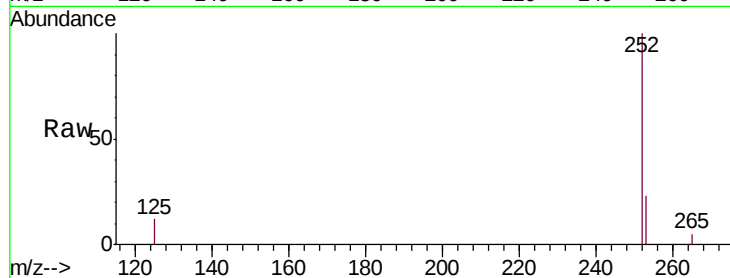
Tgt Ion:252 Resp: 35267

Ion Ratio Lower Upper

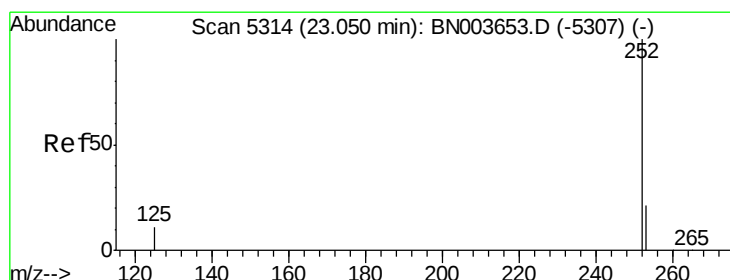
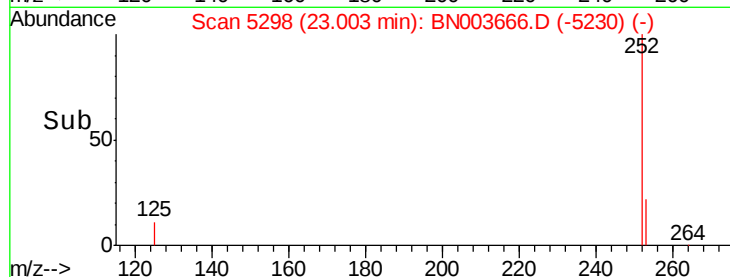
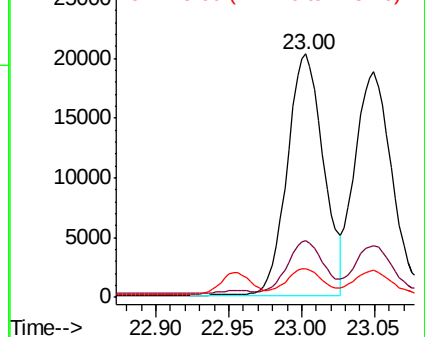
252 100

253 23.2 0.0 46.0

125 11.9 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



#22

Benzo(k)fluoranthene

Concen: 0.408 ng/ul

RT: 23.05 min Scan# 5314

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

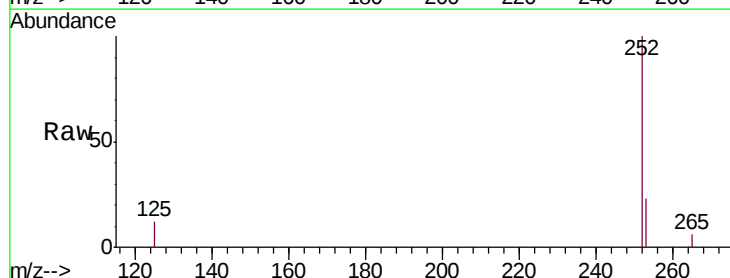
Tgt Ion:252 Resp: 33731

Ion Ratio Lower Upper

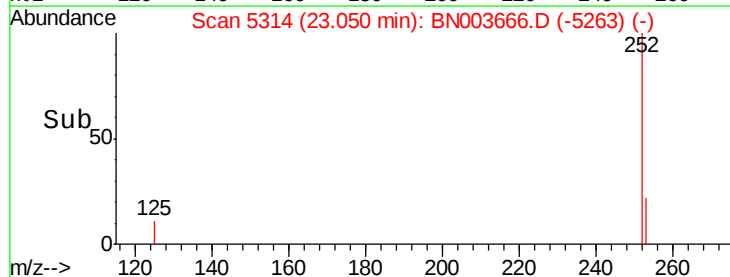
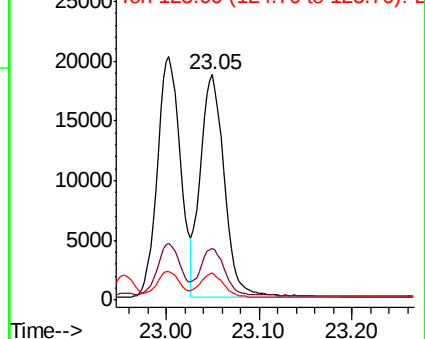
252 100

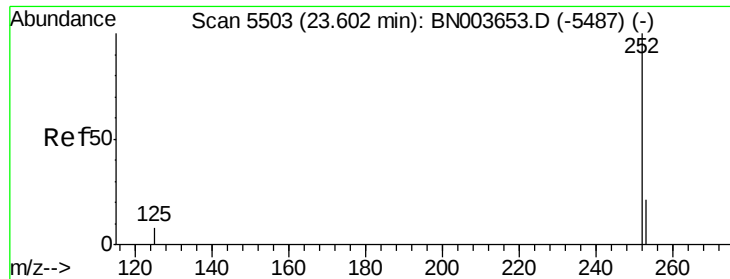
253 23.2 18.5 27.7

125 11.9 9.0 13.6



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: 0.411 ng/ul

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.478

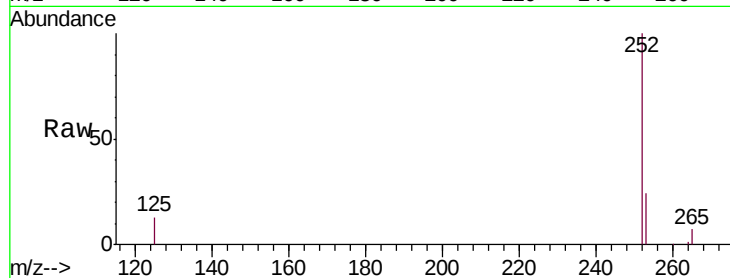
Tgt Ion:252 Resp: 30163

Ion Ratio Lower Upper

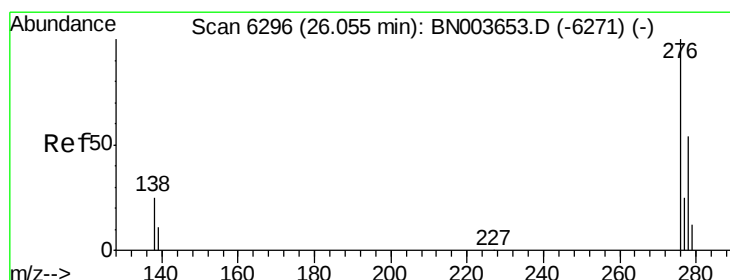
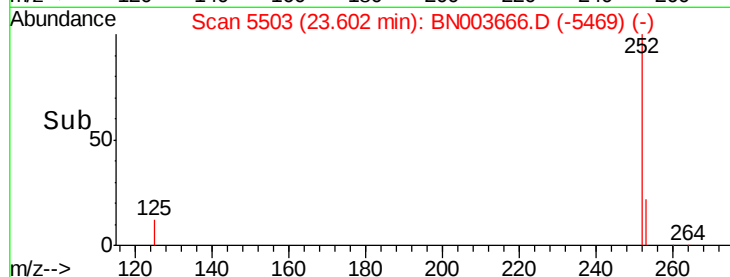
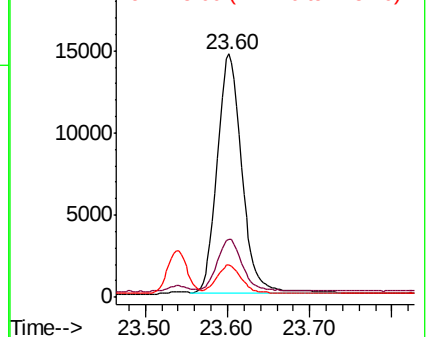
252 100

253 23.8 19.0 28.4

125 13.1 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: 0.381 ng/ul

RT: 26.06 min Scan# 6296

Delta R.T. -0.00 min

Lab File: BN003666.D

Acq: 01 Dec 2018 17:35

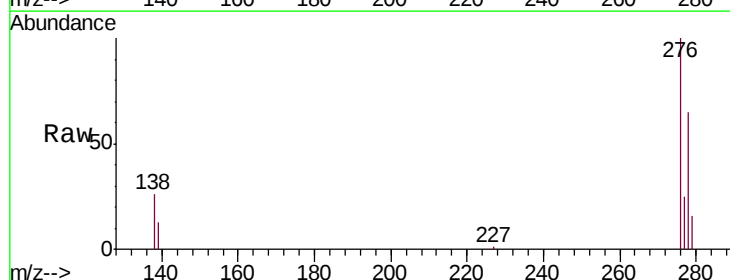
Tgt Ion:276 Resp: 32092

Ion Ratio Lower Upper

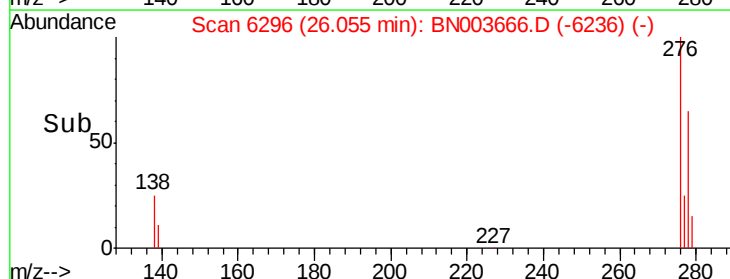
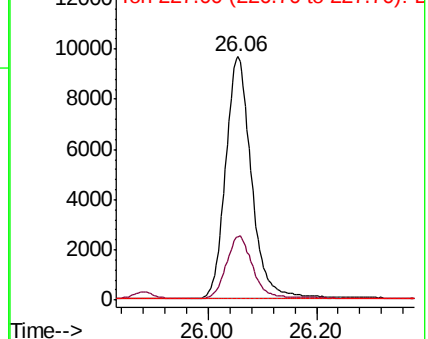
276 100

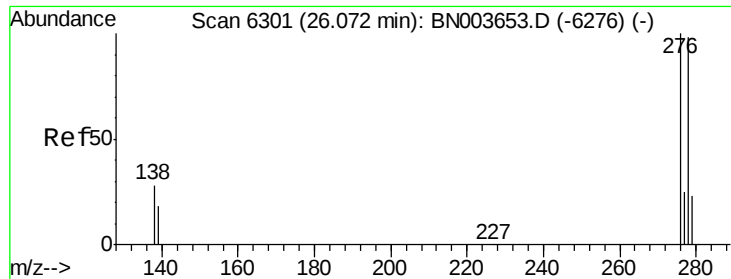
138 26.2 20.3 30.5

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

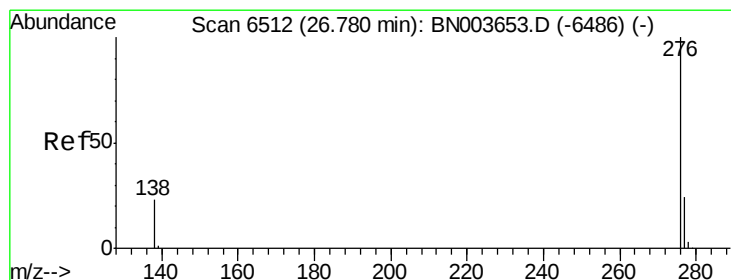
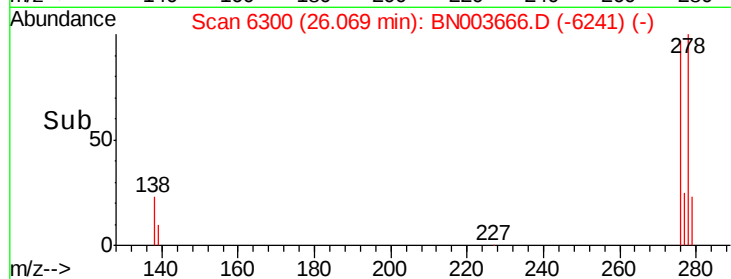
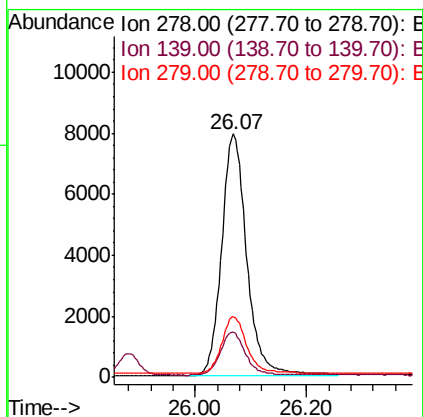
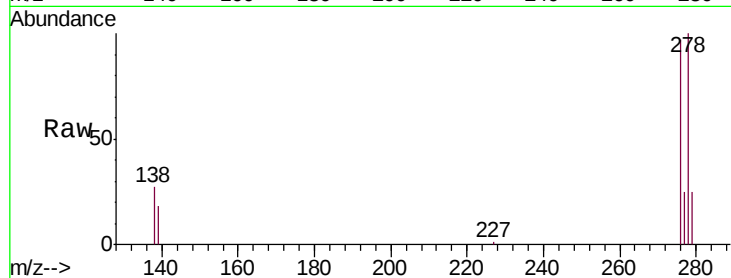




#25
Dibenzo(a,h)anthracene
Concen: 0.369 ng/u1
RT: 26.07 min Scan# 6300
Delta R.T. -0.00 min
Lab File: BN003666.D
Acq: 01 Dec 2018 17:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.478

Tgt Ion:278 Resp: 25031
Ion Ratio Lower Upper
278 100
139 18.4 14.2 21.4
279 24.8 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.375 ng/u1
RT: 26.78 min Scan# 6512
Delta R.T. -0.00 min
Lab File: BN003666.D
Acq: 01 Dec 2018 17:35

Tgt Ion:276 Resp: 27443
Ion Ratio Lower Upper
276 100
138 23.3 17.7 26.5
277 23.9 19.3 28.9

