

Data File : BN003397.D
Acq On : 02 Nov 2018 08:27
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Quant Time: Nov 02 23:12:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9041	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	35628	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	20869	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	49797	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	48350	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	39900	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	22866	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	55986	0.40	ng/ul	0.00

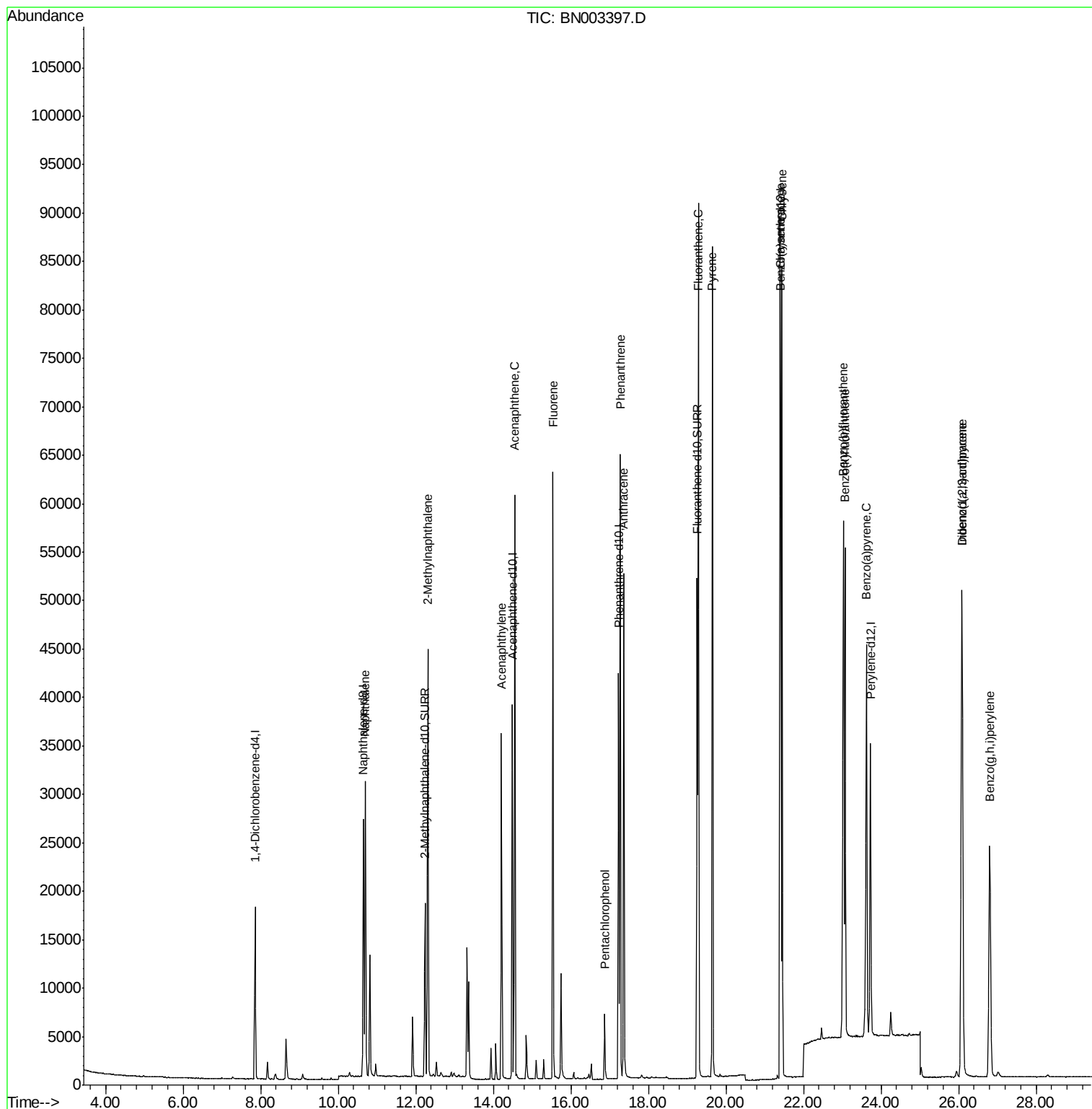
Target Compounds						Qvalue
3) Naphthalene	10.70	128	41248	0.413	ng/ul	100
5) 2-Methylnaphthalene	12.31	142	30026	0.418	ng/ul	100
7) Acenaphthylene	14.21	152	41070	0.453	ng/ul	99
8) Acenaphthene	14.55	153	33342	0.412	ng/ul	98
9) Fluorene	15.54	166	38936	0.408	ng/ul	99
11) Pentachlorophenol	16.87	266	4634	0.465	ng/ul	98
12) Phenanthrene	17.27	178	65654	0.402	ng/ul	99
13) Anthracene	17.36	178	56885	0.427	ng/ul	100
15) Fluoranthene	19.29	202	74398	0.405	ng/ul	99
17) Pyrene	19.65	202	73575	0.418	ng/ul	97
18) Benzo(a)anthracene	21.39	228	68140	0.450	ng/ul	100
19) Chrysene	21.45	228	68502	0.398	ng/ul	100
21) Benzo(b)fluoranthene	23.02	252	66782	0.388	ng/ul	99
22) Benzo(k)fluoranthene	23.07	252	63912	0.384	ng/ul	100
23) Benzo(a)pyrene	23.62	252	59967	0.418	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.08	276	62150	0.404	ng/ul	100
25) Dibenzo(a,h)anthracene	26.09	278	50482	0.403	ng/ul	99
26) Benzo(g,h,i)perylene	26.80	276	51821	0.393	ng/ul	99

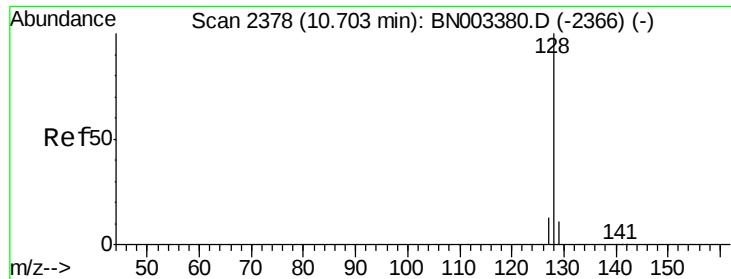
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003397.D
Acq On : 02 Nov 2018 08:27
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Quant Time: Nov 02 23:12:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.413 ng/ul

RT: 10.70 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

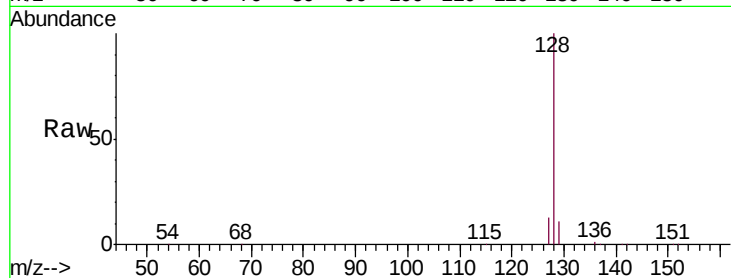
Tgt Ion:128 Resp: 41248

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

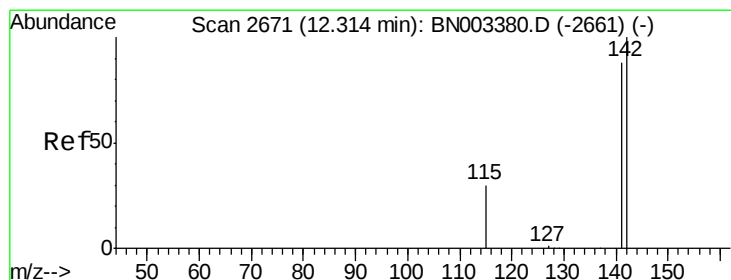
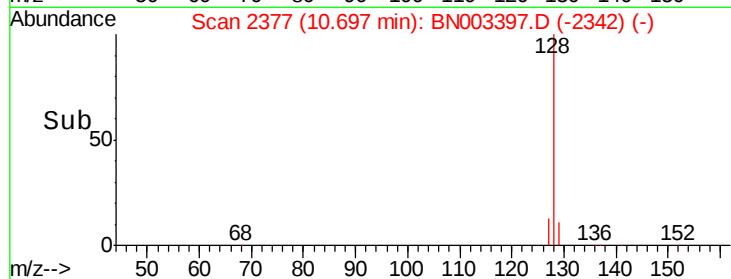
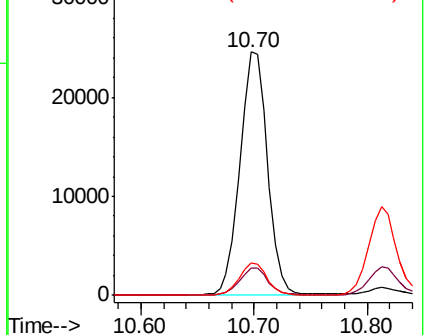
127 13.2 10.5 15.7



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: 0.418 ng/ul

RT: 12.31 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BN003397.D

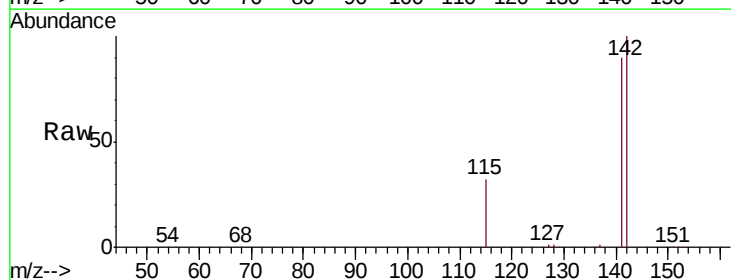
Acq: 02 Nov 2018 08:27

Tgt Ion:142 Resp: 30026

Ion Ratio Lower Upper

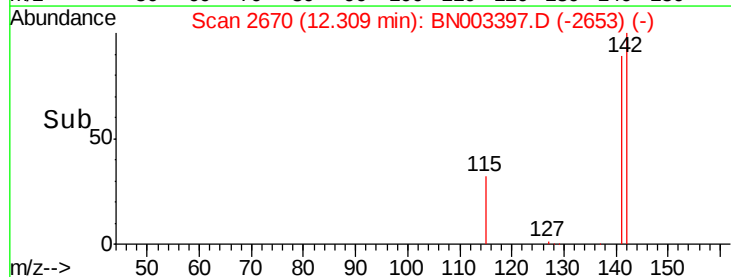
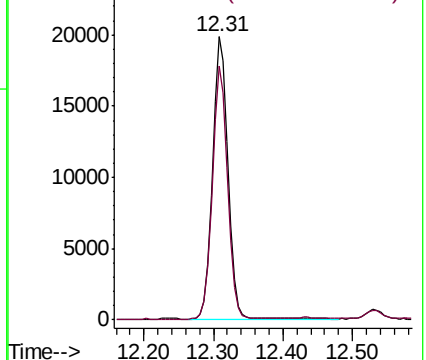
142 100

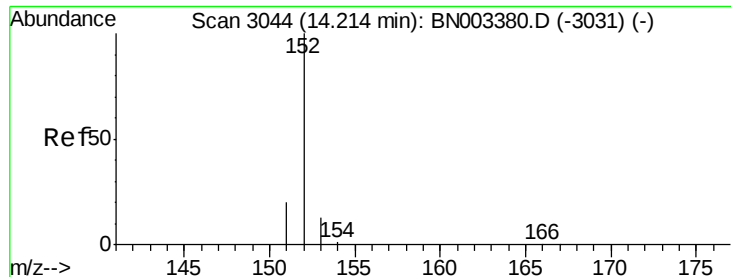
141 88.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.453 ng/ul

RT: 14.21 min Scan# 3043

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

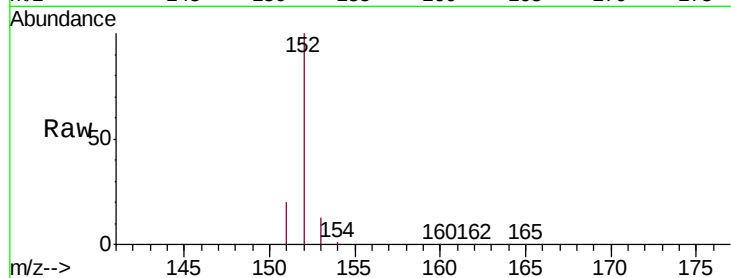
Tgt Ion:152 Resp: 41070

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

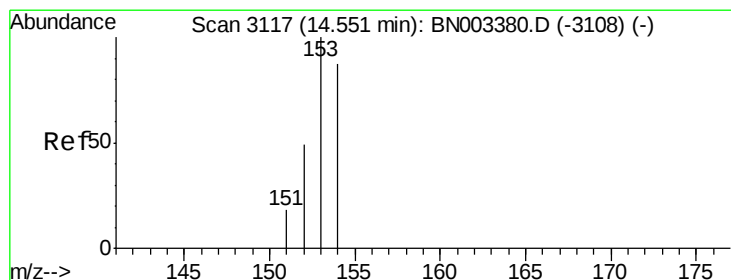
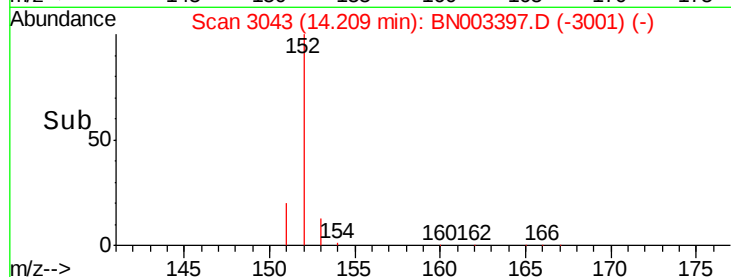
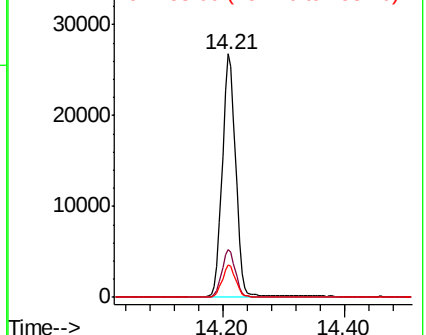
153 13.3 10.4 15.6



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: 0.412 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

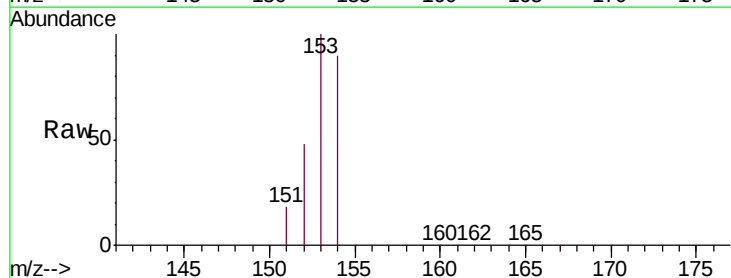
Tgt Ion:153 Resp: 33342

Ion Ratio Lower Upper

153 100

152 48.1 39.5 59.3

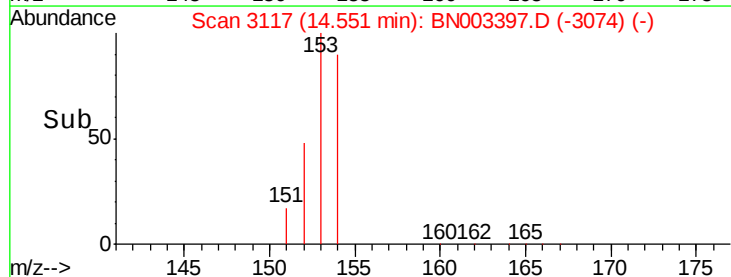
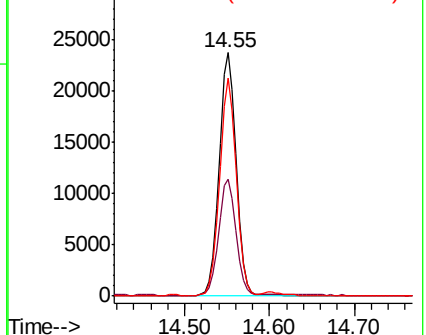
154 89.7 70.3 105.5

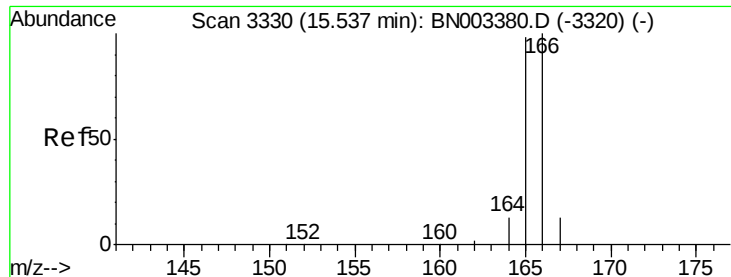


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.408 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

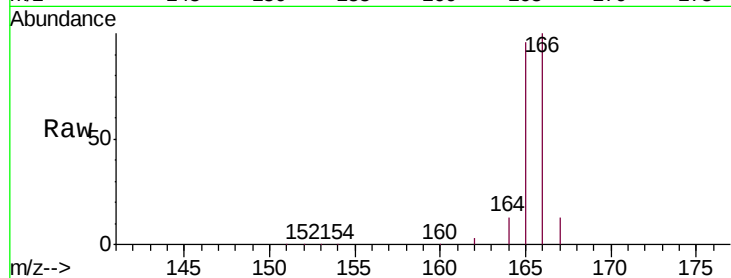
Tgt Ion:166 Resp: 38936

Ion Ratio Lower Upper

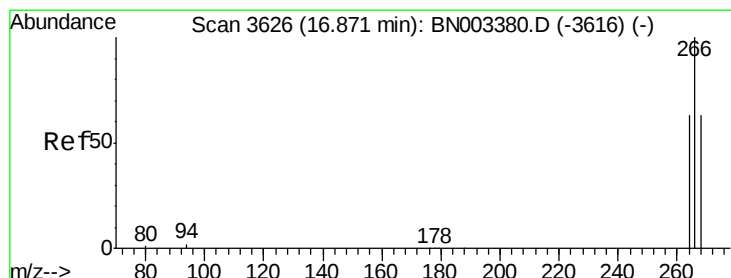
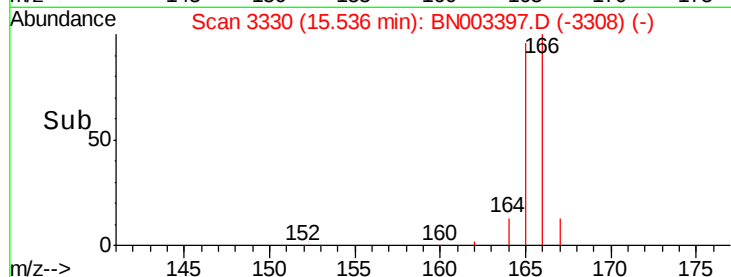
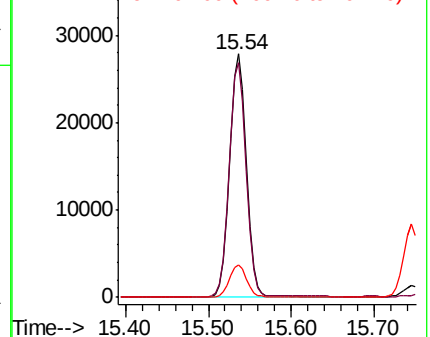
166 100

165 96.5 78.3 117.5

167 13.4 10.8 16.2



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: 0.465 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

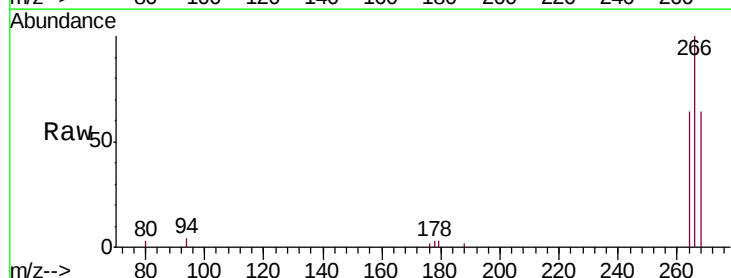
Tgt Ion:266 Resp: 4634

Ion Ratio Lower Upper

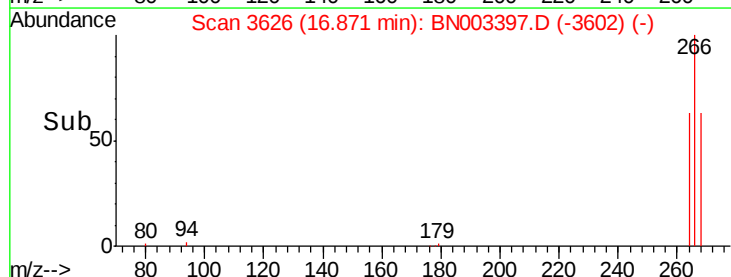
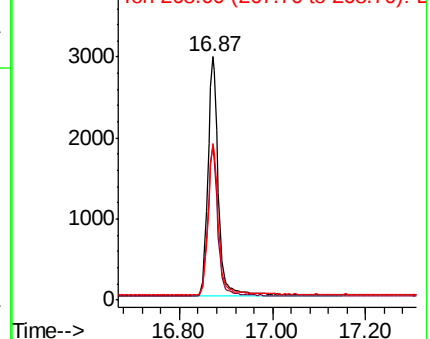
266 100

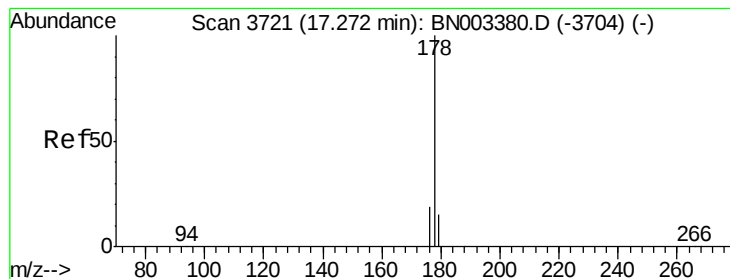
264 61.0 50.2 75.4

268 64.0 50.7 76.1



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: 0.402 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

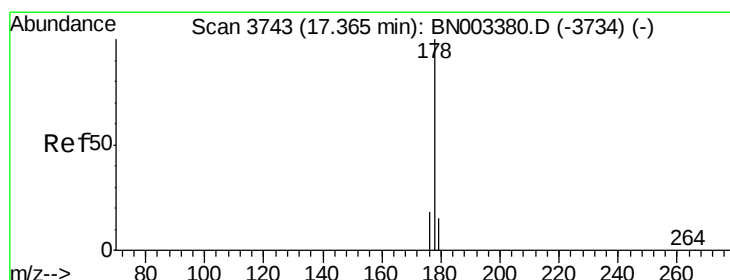
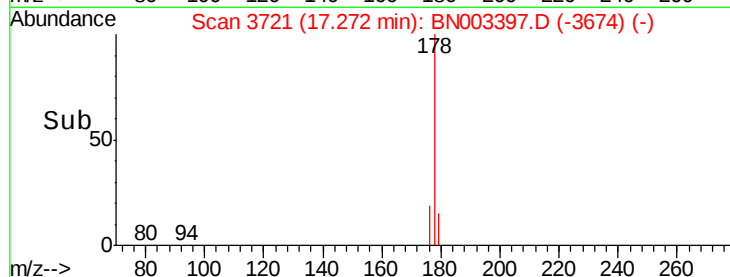
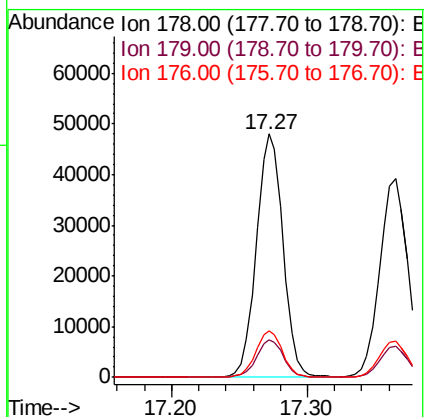
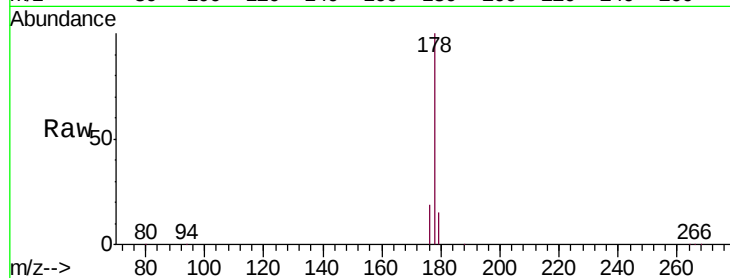
Tgt Ion:178 Resp: 65654

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.427 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

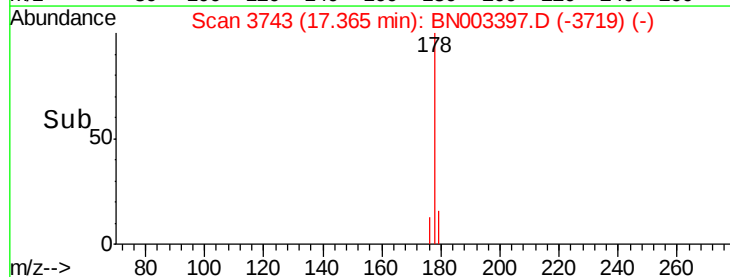
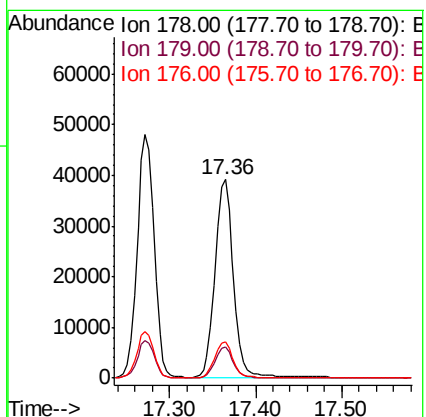
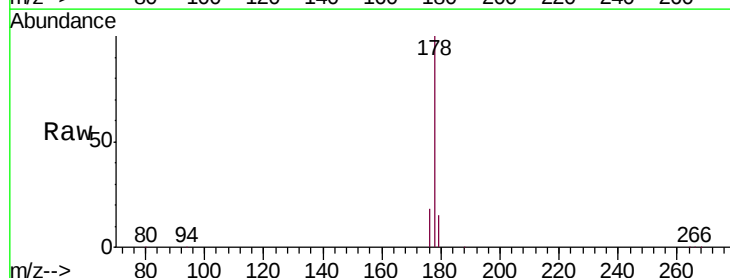
Tgt Ion:178 Resp: 56885

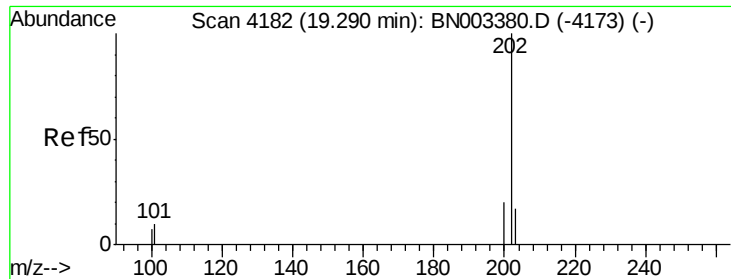
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.4 14.7 22.1





#15

Fluoranthene

Concen: 0.405 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

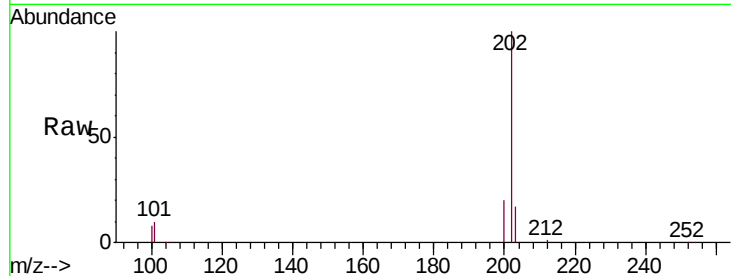
Tgt Ion:202 Resp: 74398

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

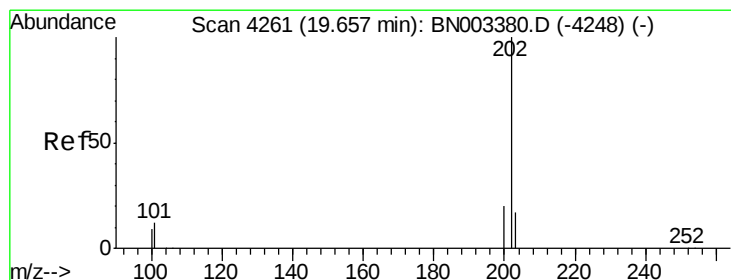
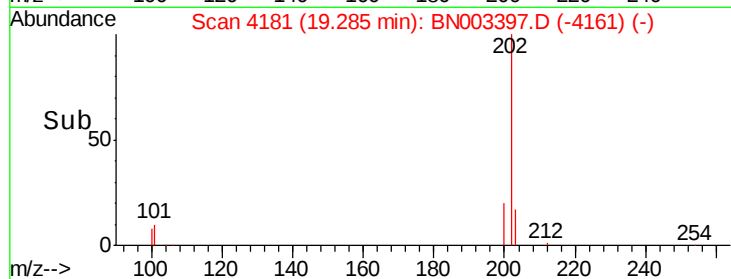
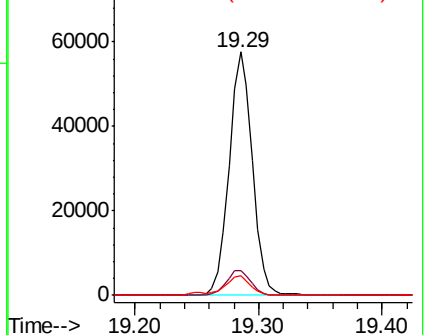
100 7.8 0.0 28.0



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: 0.418 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

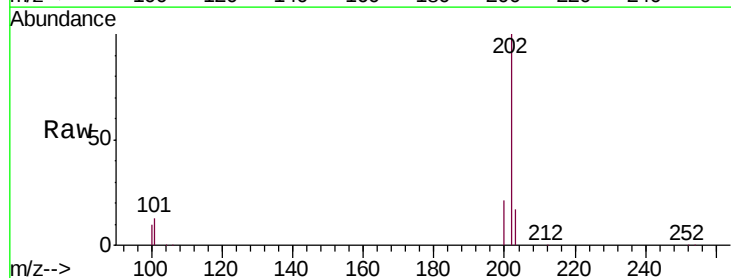
Tgt Ion:202 Resp: 73575

Ion Ratio Lower Upper

202 100

101 12.9 9.5 14.3

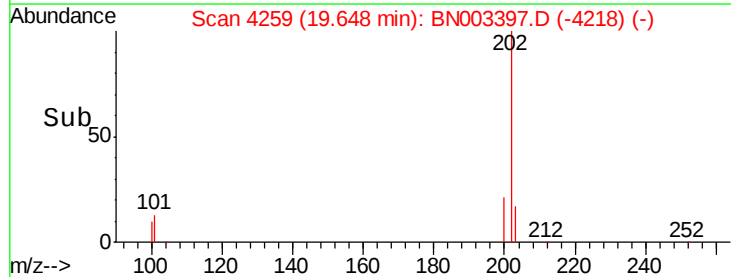
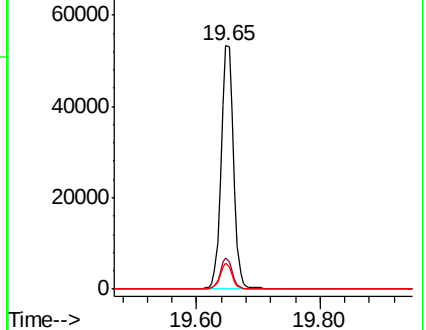
100 10.5 7.5 11.3

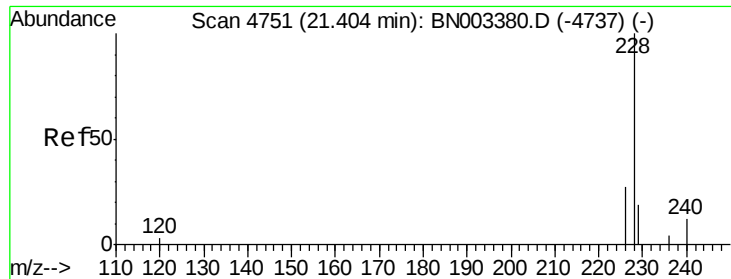


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.450 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

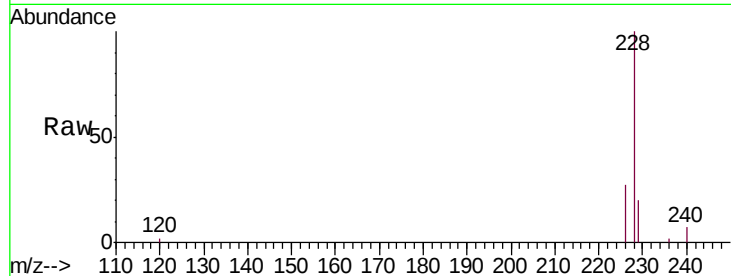
Tgt Ion:228 Resp: 68140

Ion Ratio Lower Upper

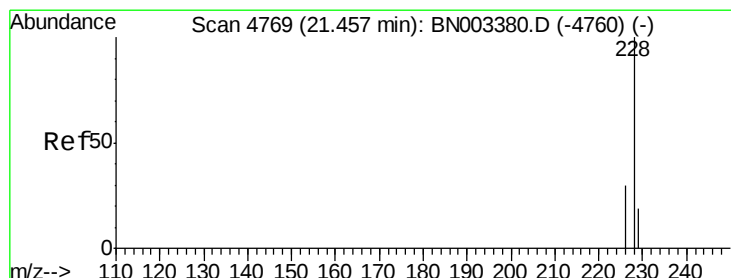
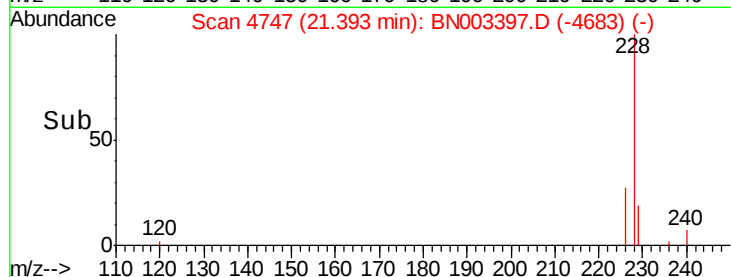
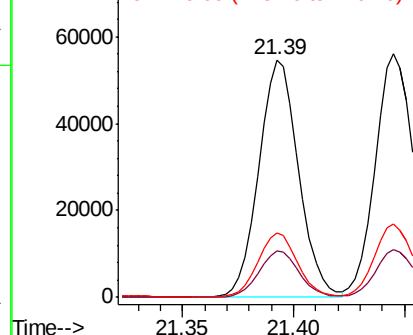
228 100

229 19.5 15.5 23.3

226 27.1 21.5 32.3



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: 0.398 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

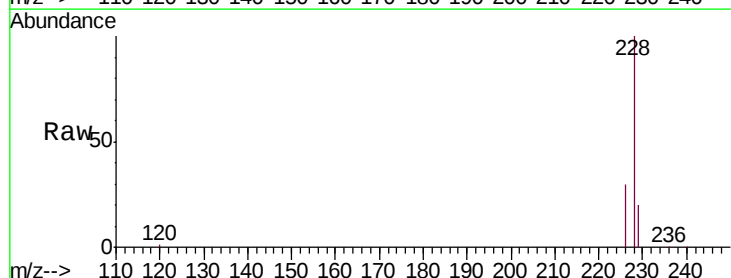
Tgt Ion:228 Resp: 68502

Ion Ratio Lower Upper

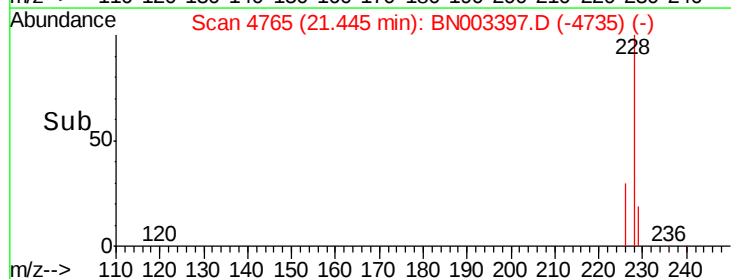
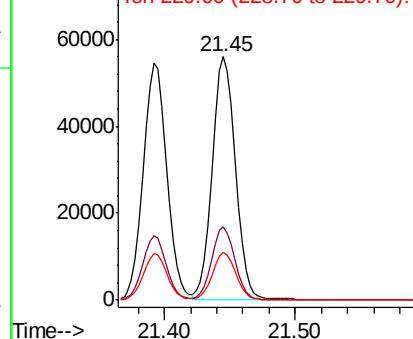
228 100

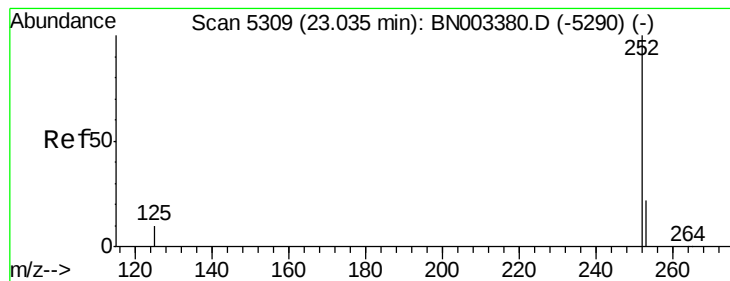
226 30.0 23.8 35.6

229 19.6 15.5 23.3



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: 0.388 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

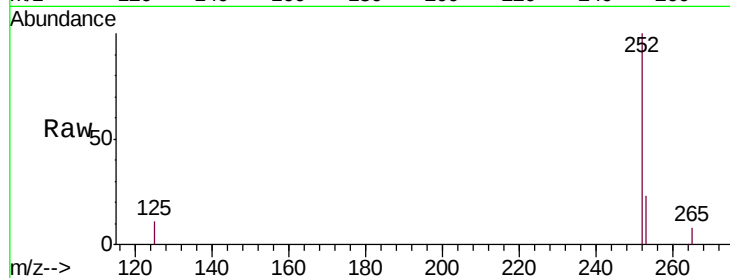
Tgt Ion:252 Resp: 66782

Ion Ratio Lower Upper

252 100

253 23.0 0.0 45.6

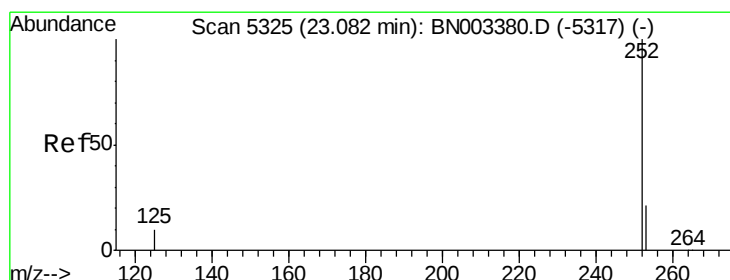
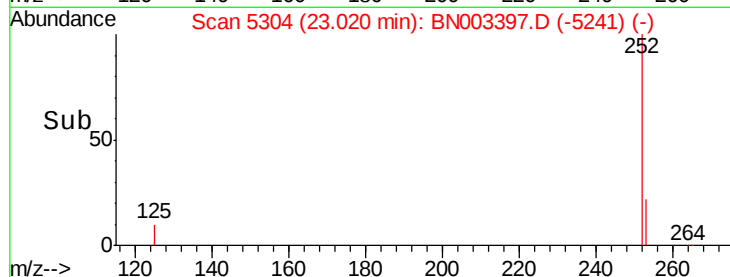
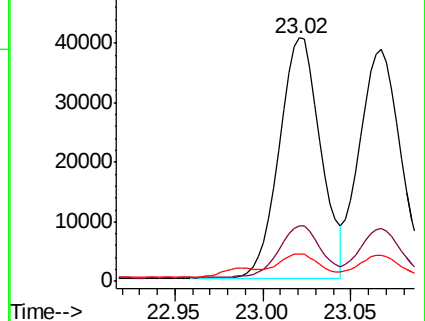
125 11.4 0.0 21.8



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: 0.384 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. -0.01 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

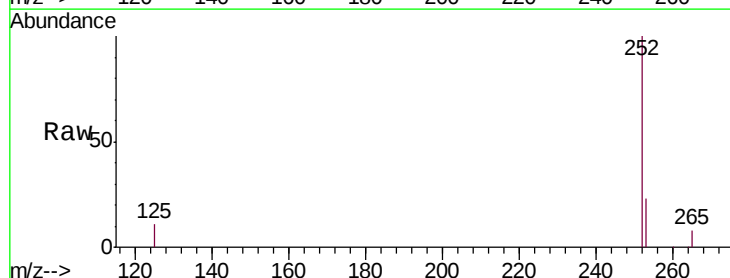
Tgt Ion:252 Resp: 63912

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

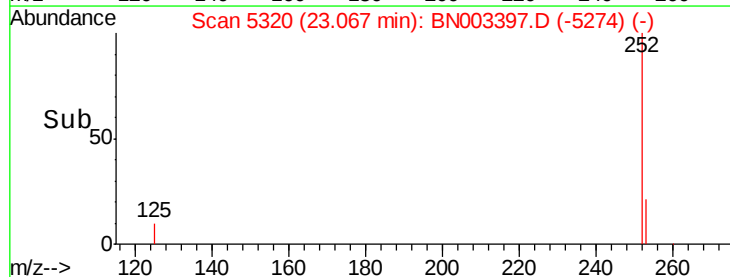
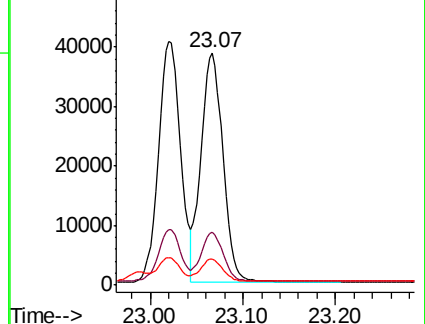
125 11.2 8.6 13.0

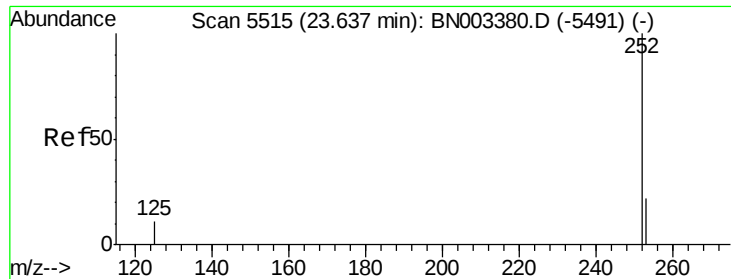


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. -0.02 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

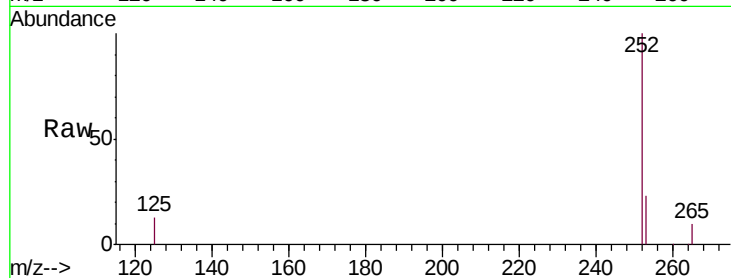
Tgt Ion:252 Resp: 59967

Ion Ratio Lower Upper

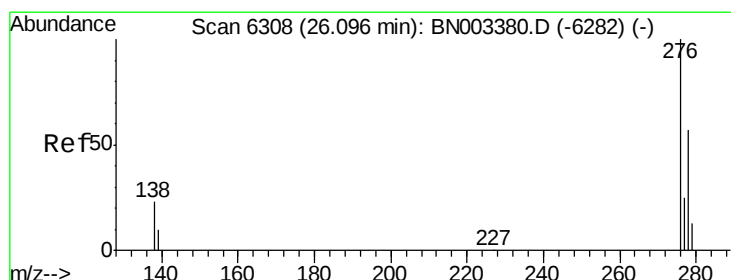
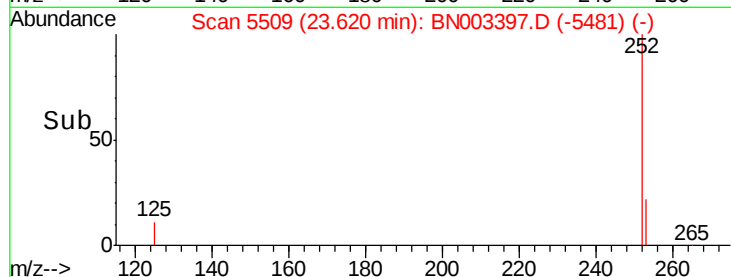
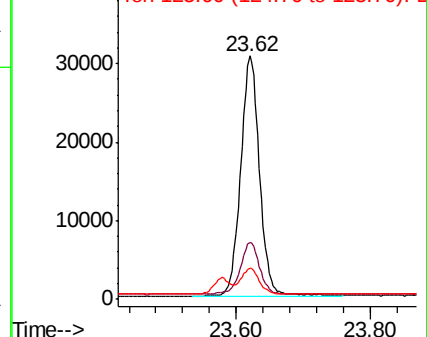
252 100

253 23.5 18.5 27.7

125 12.8 9.9 14.9



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: 0.404 ng/ul

RT: 26.08 min Scan# 6303

Delta R.T. -0.02 min

Lab File: BN003397.D

Acq: 02 Nov 2018 08:27

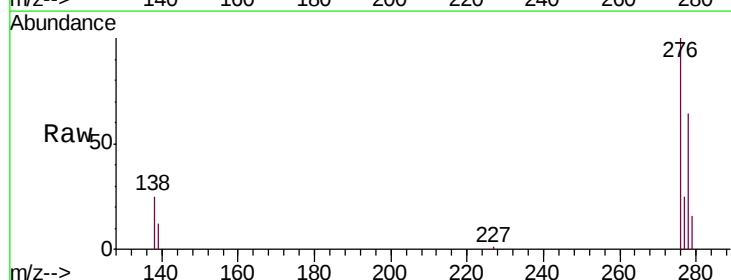
Tgt Ion:276 Resp: 62150

Ion Ratio Lower Upper

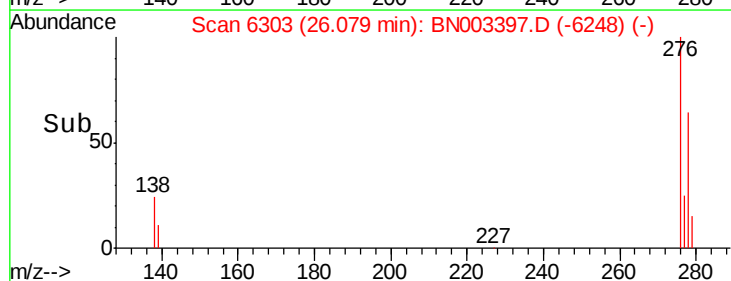
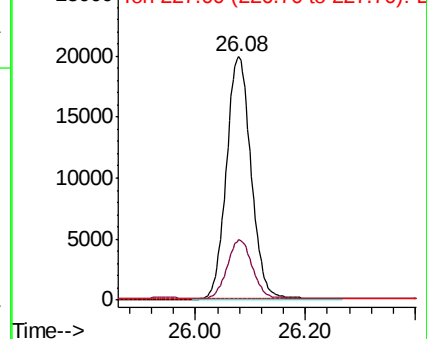
276 100

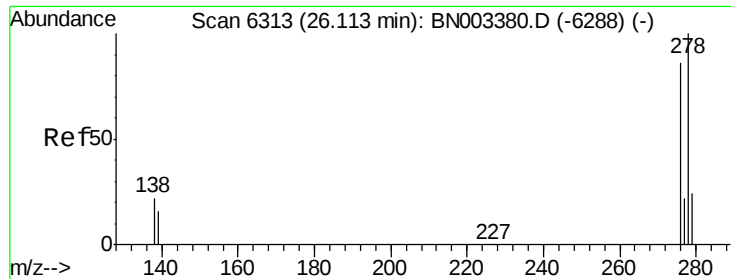
138 24.8 19.8 29.8

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



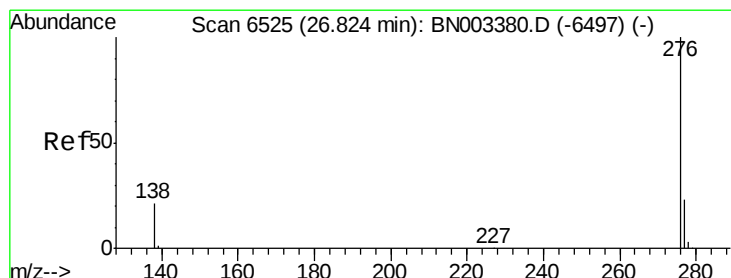
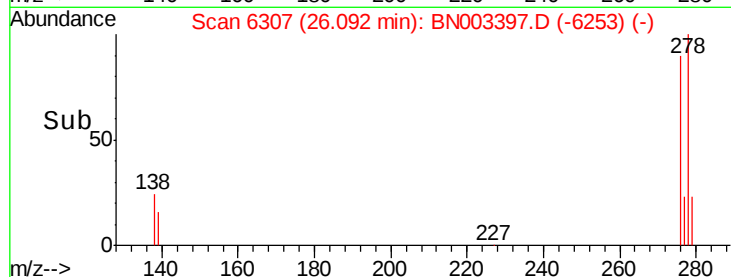
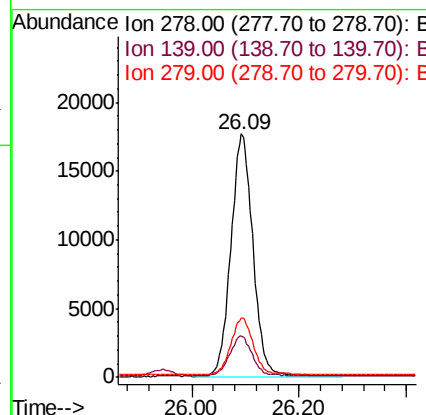
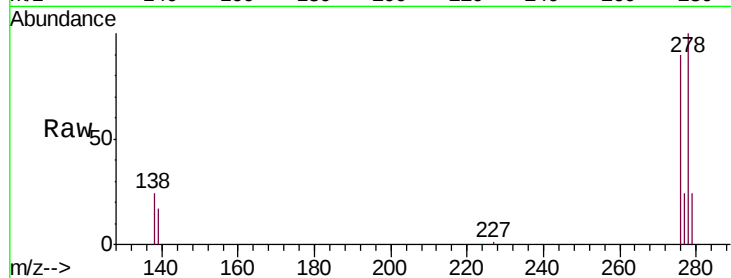


#25
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. -0.02 min
Lab File: BN003397.D
Acq: 02 Nov 2018 08:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion: 278 Resp: 50482

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.3	19.5	29.3



#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.80 min Scan# 6519
Delta R.T. -0.02 min
Lab File: BN003397.D
Acq: 02 Nov 2018 08:27

Tgt Ion: 276 Resp: 51821

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.6
277	24.2	19.2	28.8

