

Data File : BN003403.D
Acq On : 02 Nov 2018 15:09
Operator : MJ/SJ
Sample : J5704-26MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Quant Time: Nov 02 23:17:30 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 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	10856	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	44478	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	23946	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	53825	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	39975	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	37051	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	16024	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	34711	0.23	ng/ul	0.00

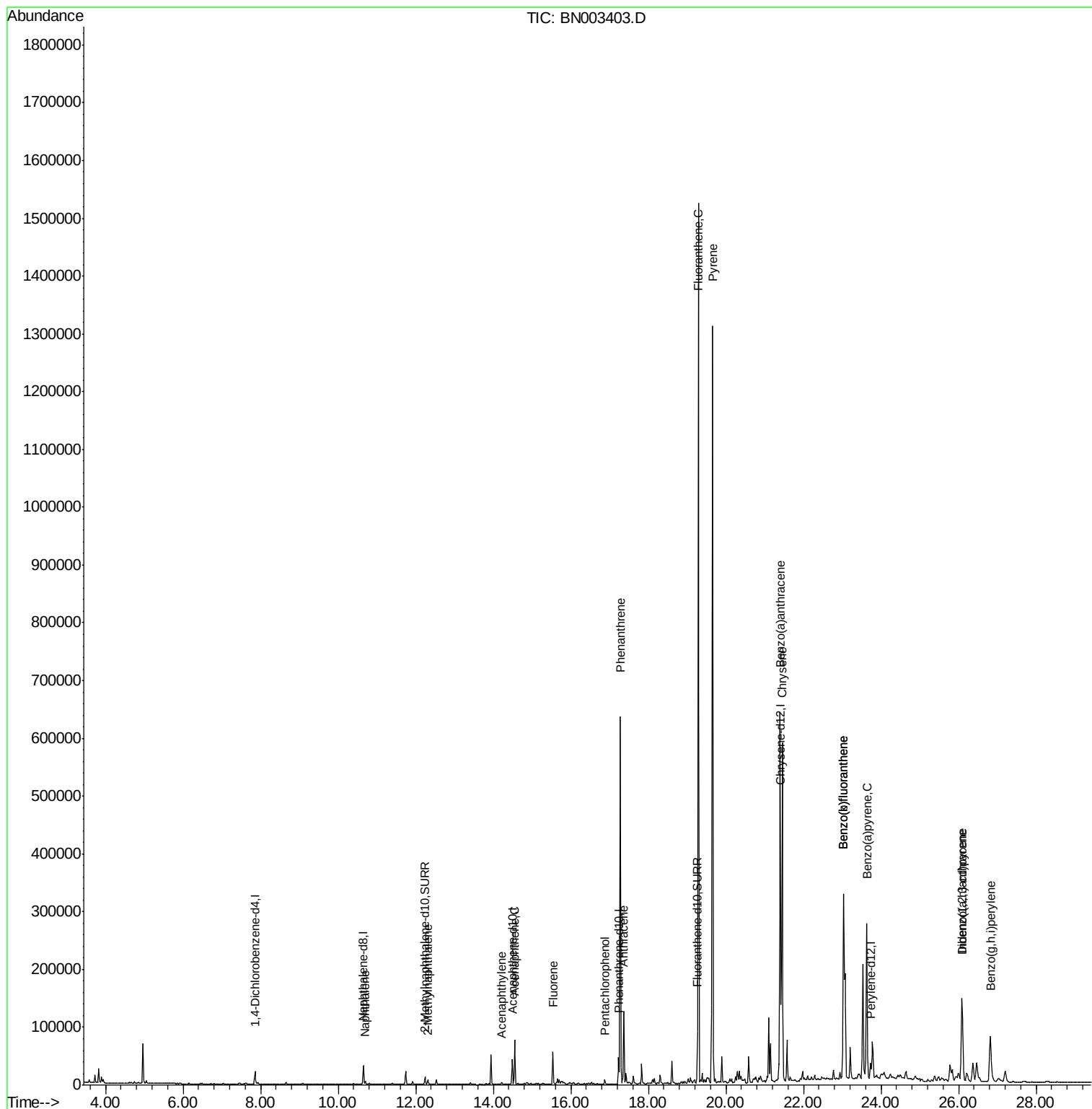
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	5972	0.048	ng/ul#	94
5) 2-Methylnaphthalene	12.31	142	5660	0.063	ng/ul	100
7) Acenaphthylene	14.21	152	5463	0.053	ng/ul#	87
8) Acenaphthene	14.55	153	43108	0.464	ng/ul	99
9) Fluorene	15.54	166	34126	0.312	ng/ul	100
11) Pentachlorophenol	16.88	266	5435	0.504	ng/ul	99
12) Phenanthrene	17.27	178	674661	3.822	ng/ul	99
13) Anthracene	17.36	178	130123	0.904	ng/ul	100
15) Fluoranthene	19.29	202	1283084	6.467	ng/ul	98
17) Pyrene	19.65	202	1115206	7.669	ng/ul	98
18) Benzo(a)anthracene	21.40	228	526595	4.202	ng/ul	98
19) Chrysene	21.45	228	544586	3.823	ng/ul	97
21) Benzo(b)fluoranthene	23.03	252	754817	4.728	ng/ul	100
22) Benzo(k)fluoranthene	23.03	252	753867	4.875	ng/ul	100
23) Benzo(a)pyrene	23.63	252	378121	2.836	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.09	276	229437	1.608	ng/ul	94
25) Dibenzo(a,h)anthracene	26.10	278	69188	0.595	ng/ul#	88
26) Benzo(g,h,i)perylene	26.82	276	171432	1.401	ng/ul	98

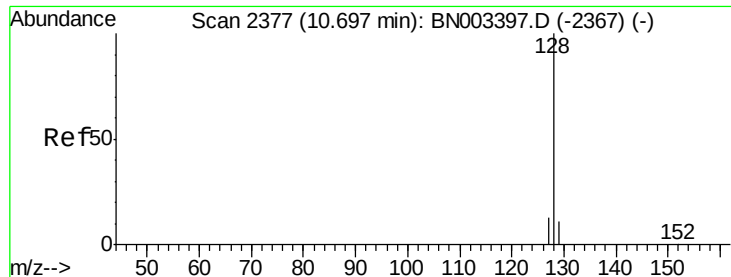
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003403.D
Acq On : 02 Nov 2018 15:09
Operator : MJ/SJ
Sample : J5704-26MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Quant Time: Nov 02 23:17:30 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 23:13:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.70 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

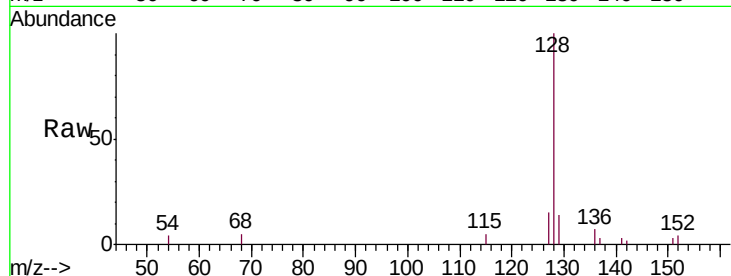
Tgt Ion:128 Resp: 5972

Ion Ratio Lower Upper

128 100

129 14.2 9.0 13.6#

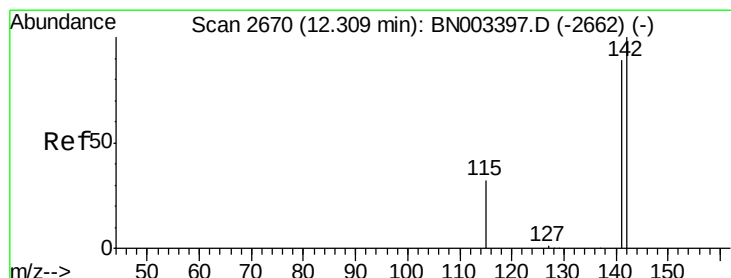
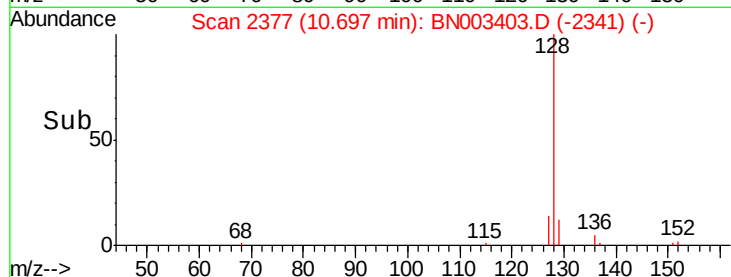
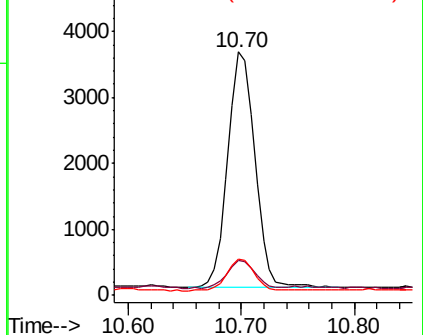
127 15.1 10.5 15.7



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: 0.063 ng/ul

RT: 12.31 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BN003403.D

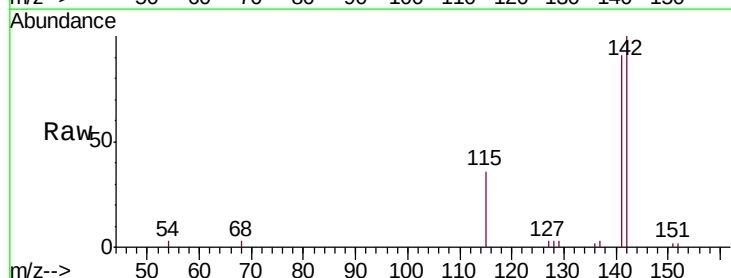
Acq: 02 Nov 2018 15:09

Tgt Ion:142 Resp: 5660

Ion Ratio Lower Upper

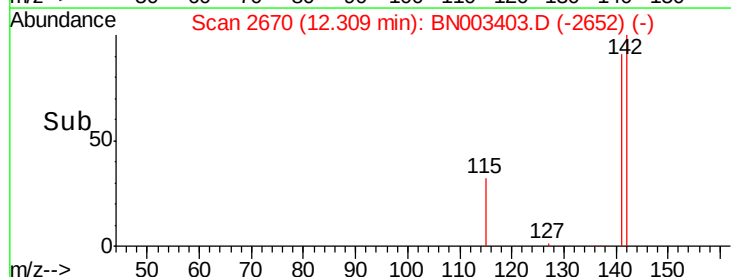
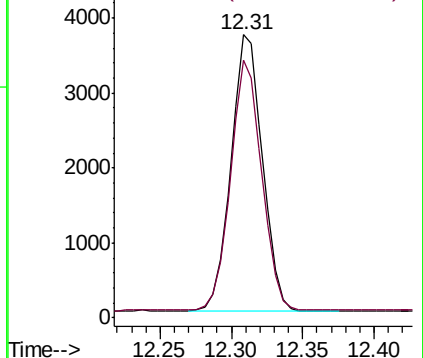
142 100

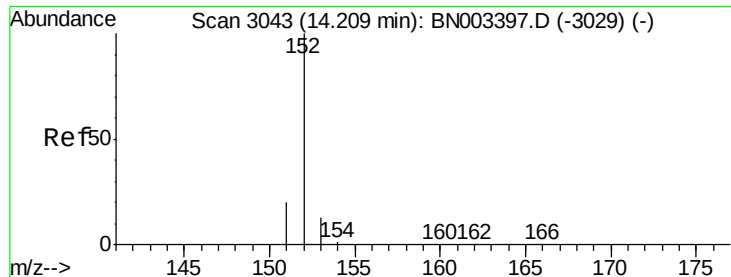
141 89.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

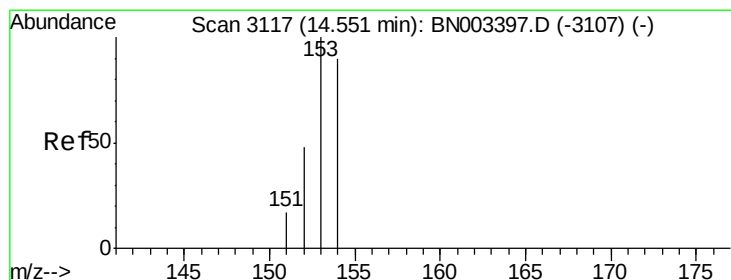
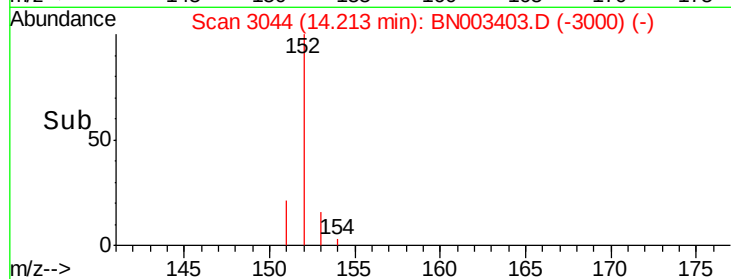
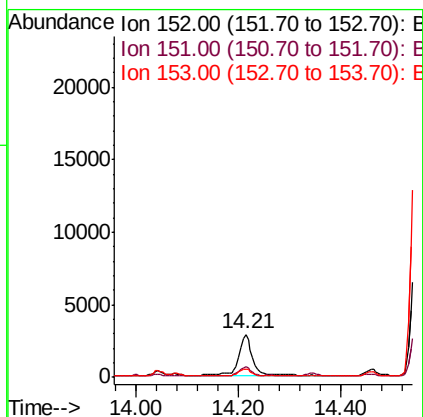
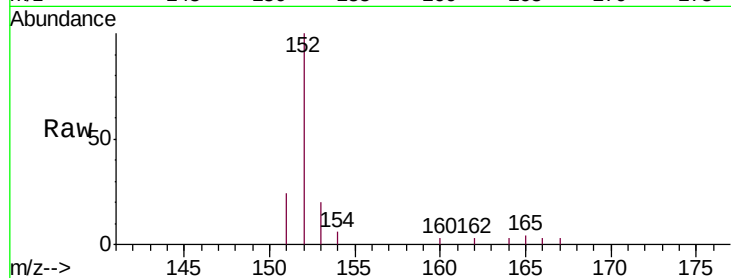
Tgt Ion:152 Resp: 5463

Ion Ratio Lower Upper

152 100

151 23.9 15.6 23.4#

153 20.1 10.4 15.6#



#8

Acenaphthene

Concen: 0.464 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

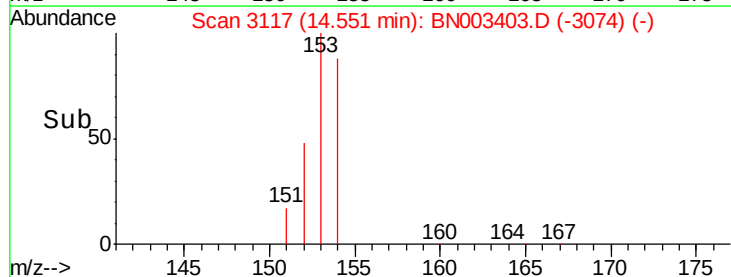
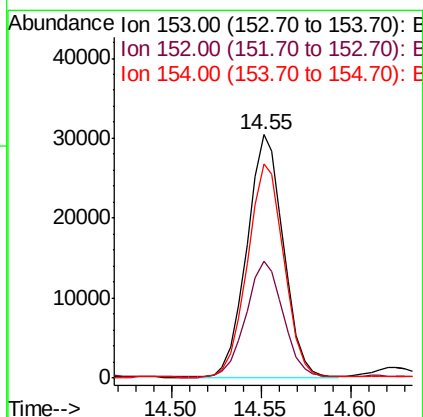
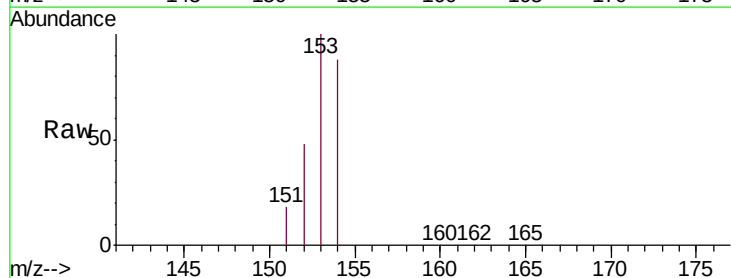
Tgt Ion:153 Resp: 43108

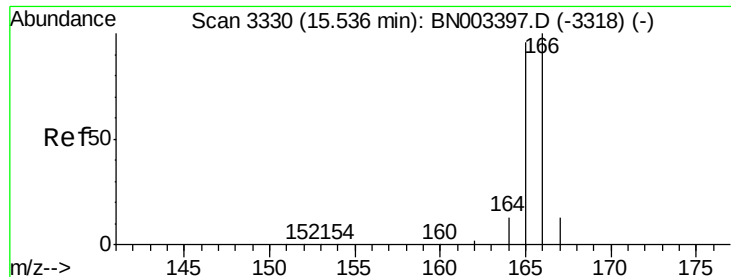
Ion Ratio Lower Upper

153 100

152 48.0 39.5 59.3

154 87.8 70.3 105.5





#9

Fluorene

Concen: 0.312 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

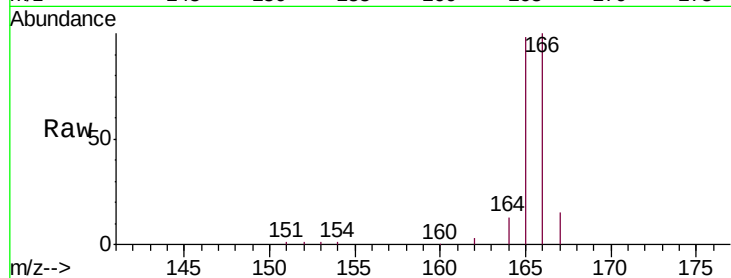
Tgt Ion:166 Resp: 34126

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

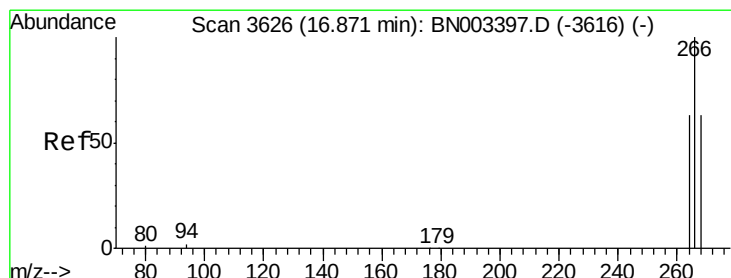
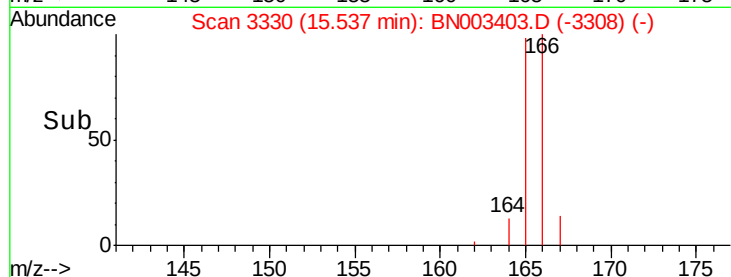
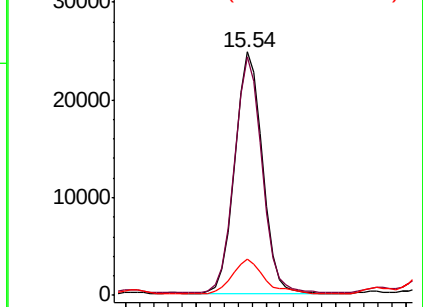
167 14.6 10.8 16.2



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: 0.504 ng/ul

RT: 16.88 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

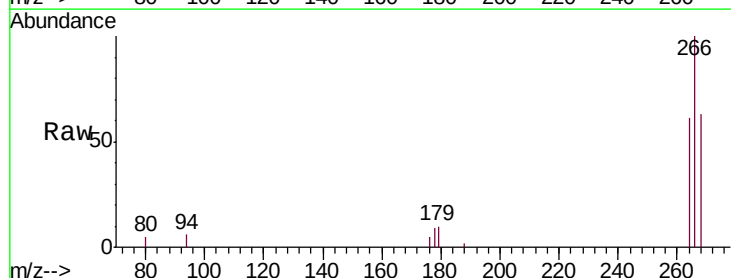
Tgt Ion:266 Resp: 5435

Ion Ratio Lower Upper

266 100

264 61.4 50.2 75.4

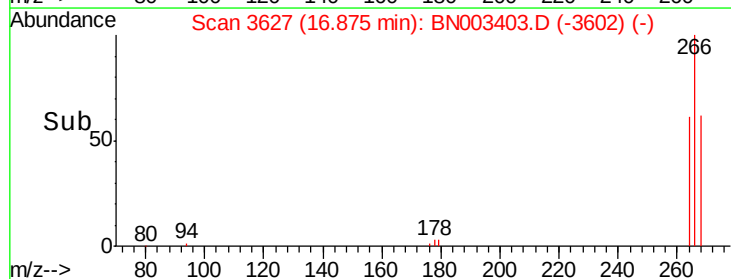
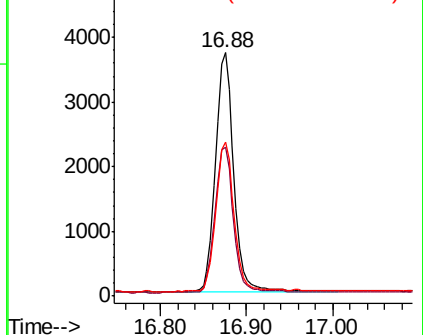
268 62.5 50.7 76.1

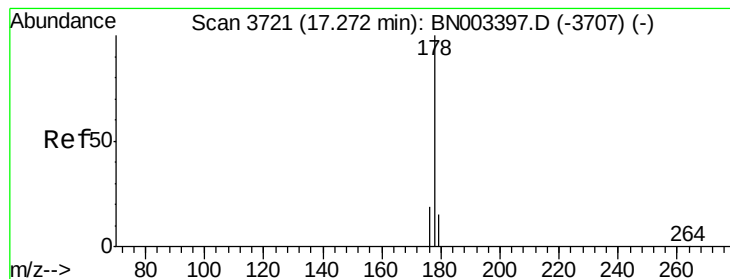


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 3.822 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

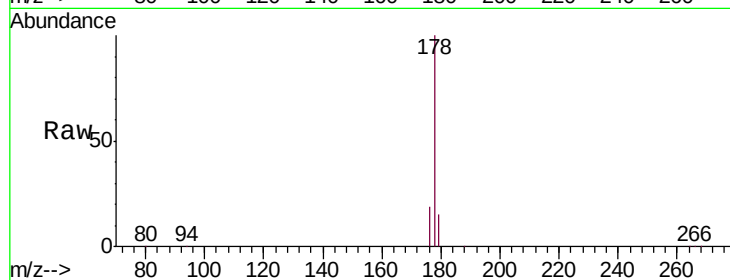
Tgt Ion:178 Resp: 674661

Ion Ratio Lower Upper

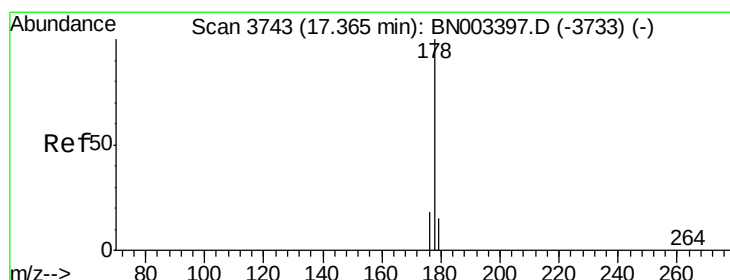
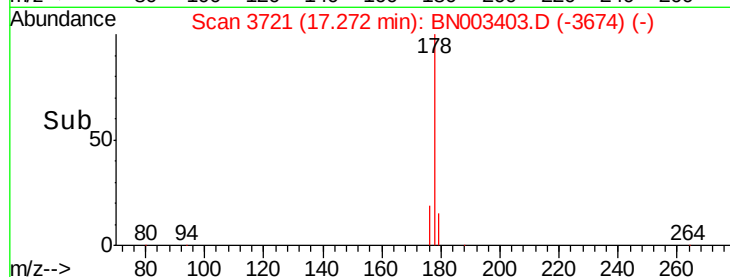
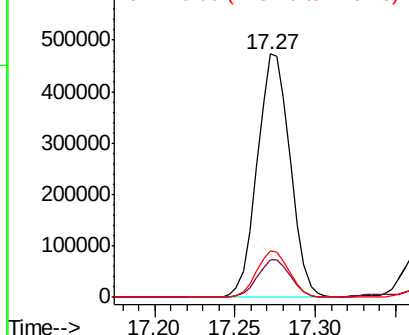
178 100

179 15.3 12.4 18.6

176 19.1 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.904 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

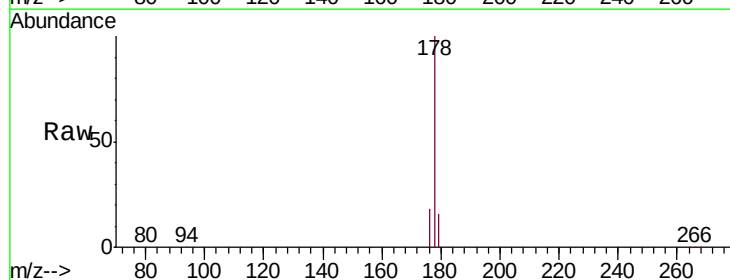
Tgt Ion:178 Resp: 130123

Ion Ratio Lower Upper

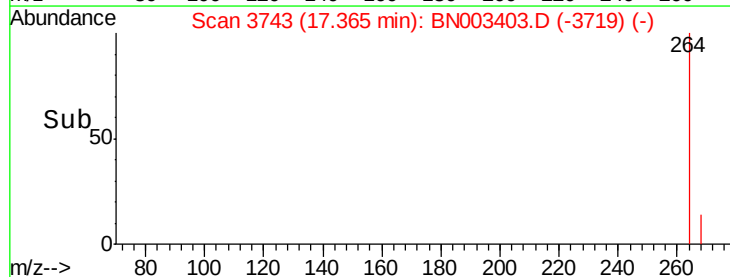
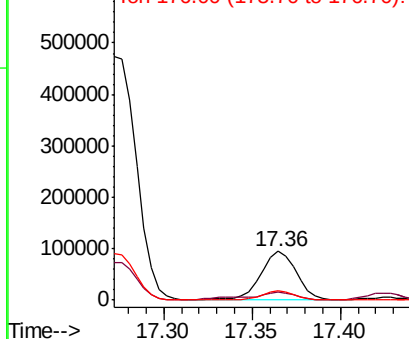
178 100

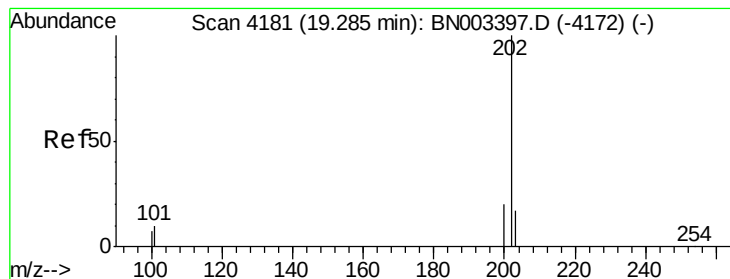
179 15.5 12.2 18.2

176 18.3 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 6.467 ng/ul

RT: 19.29 min Scan# 4182

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

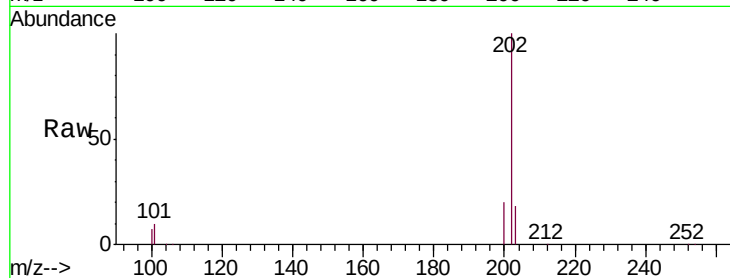
Tgt Ion:202 Resp: 1283084

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

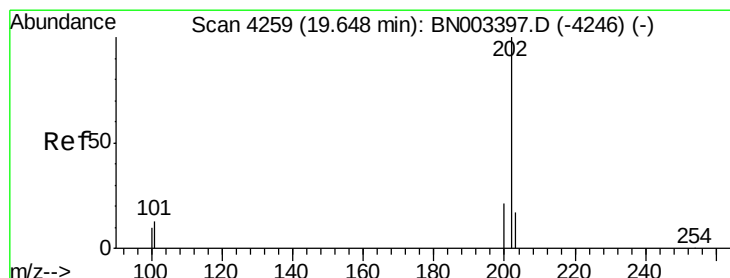
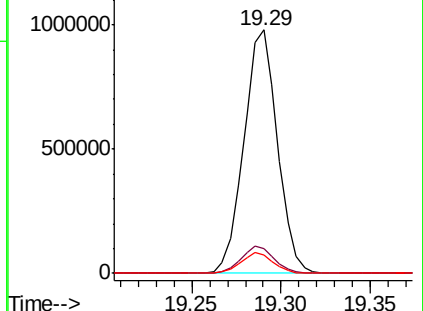
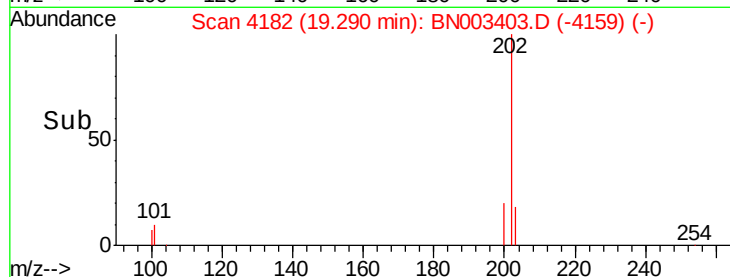
100 7.5 0.0 28.0



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: 7.669 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

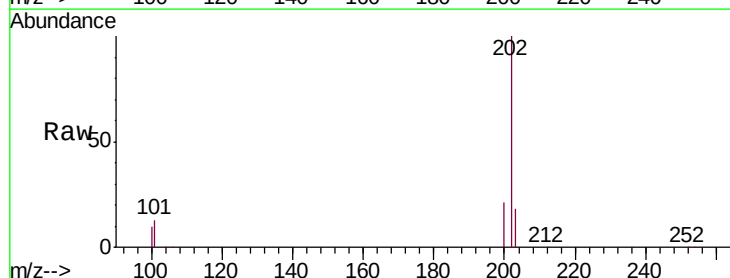
Tgt Ion:202 Resp: 1115206

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

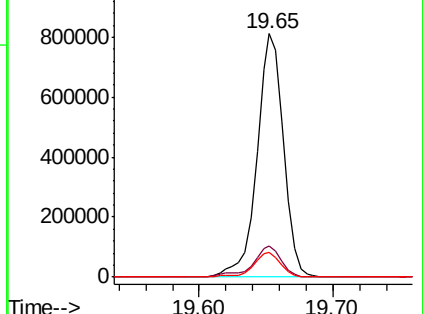
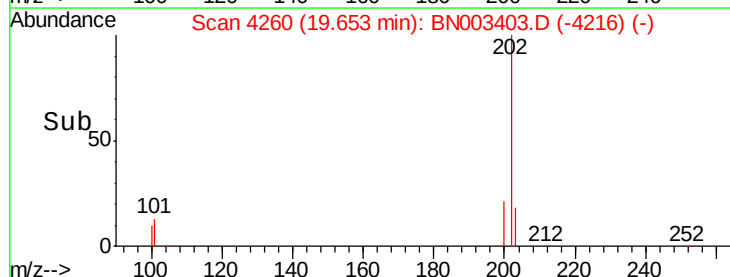
100 10.1 7.5 11.3

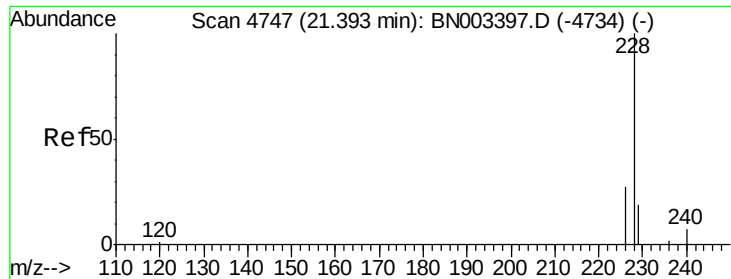


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 4.202 ng/ul

RT: 21.40 min Scan# 4750

Delta R.T. 0.01 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

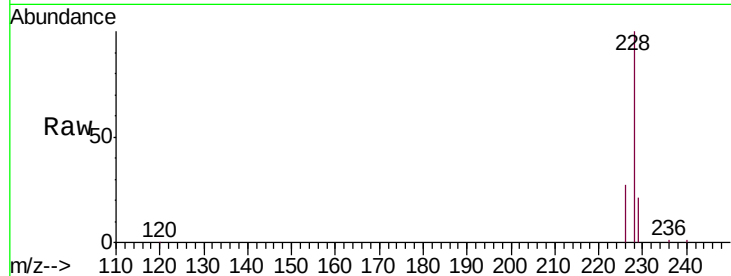
Tgt Ion:228 Resp: 526595

Ion Ratio Lower Upper

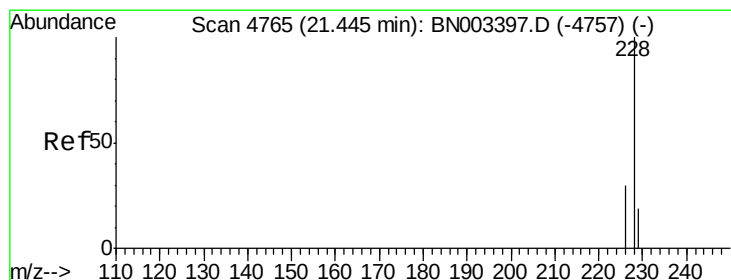
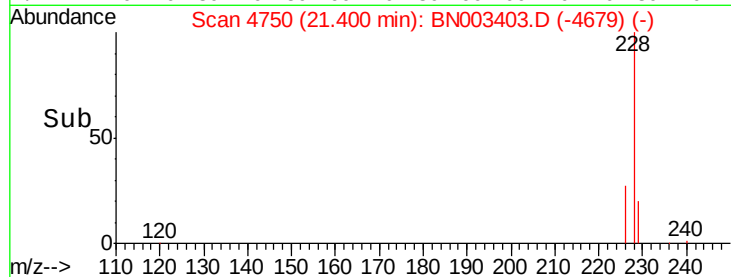
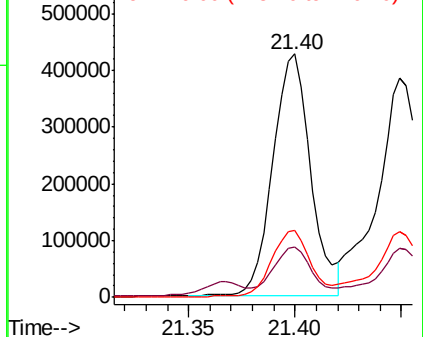
228 100

229 20.8 15.5 23.3

226 27.3 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: 3.823 ng/ul

RT: 21.45 min Scan# 4767

Delta R.T. 0.00 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

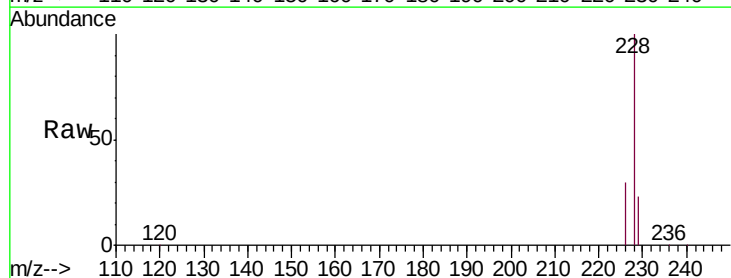
Tgt Ion:228 Resp: 544586

Ion Ratio Lower Upper

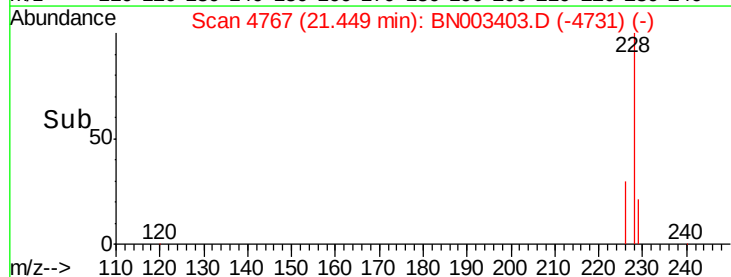
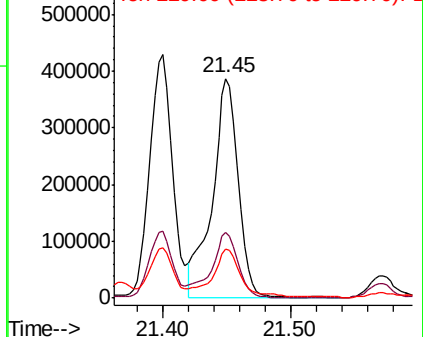
228 100

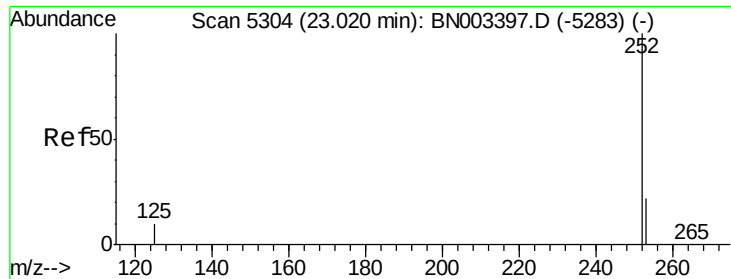
226 30.0 23.8 35.6

229 22.5 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: 4.728 ng/ul

RT: 23.03 min Scan# 5308

Delta R.T. 0.01 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

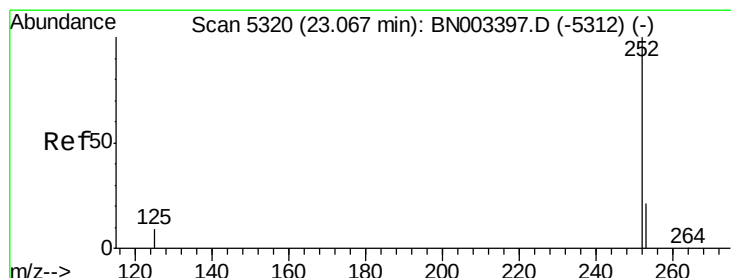
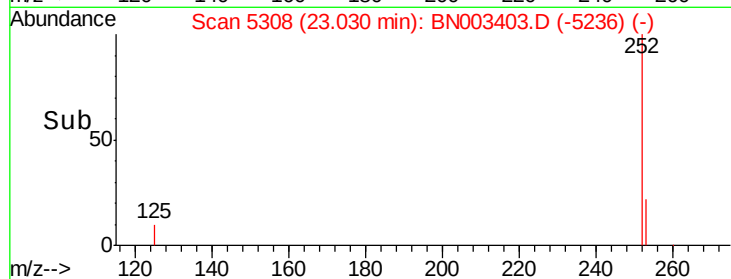
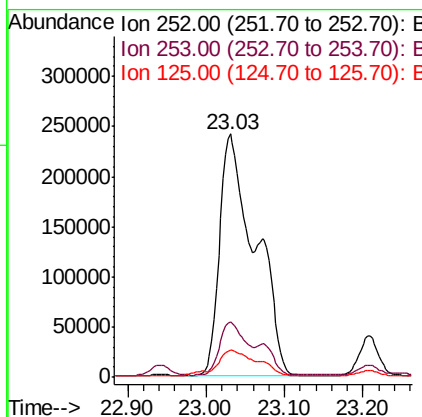
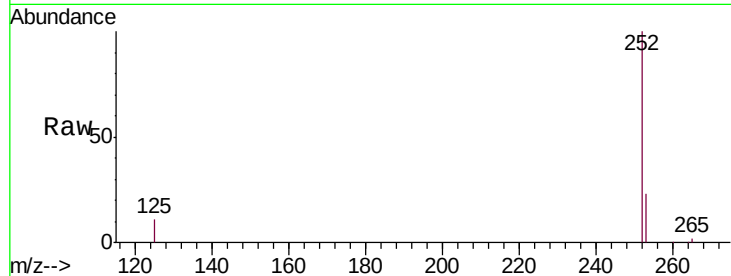
Instrument :

BNA_N

ClientSampleId :

A40K3MSD

Tgt Ion:	252	Resp:	754817
Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.6
125	11.1	0.0	21.8



#22

Benzo(k)fluoranthene

Concen: 4.875 ng/ul

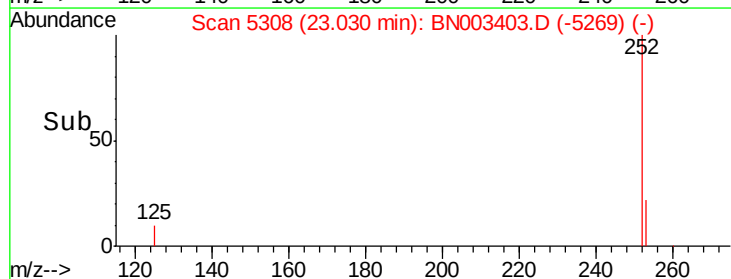
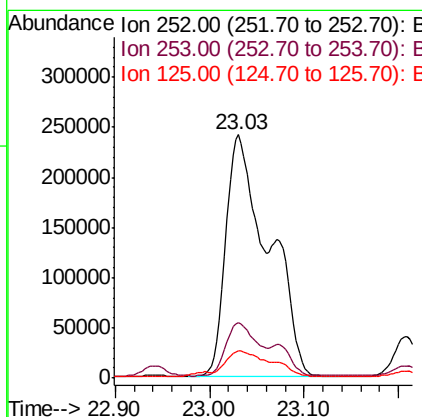
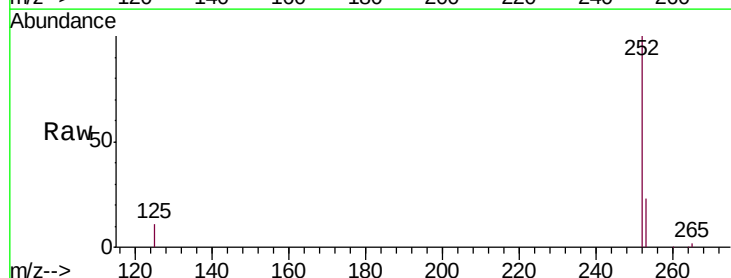
RT: 23.03 min Scan# 5308

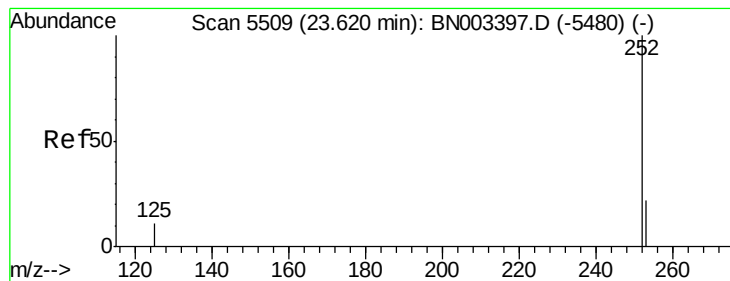
Delta R.T. -0.04 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Tgt Ion:	252	Resp:	753867
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.1	8.6	13.0





#23

Benzo(a)pyrene

Concen: 2.836 ng/ul

RT: 23.63 min Scan# 5513

Delta R.T. 0.01 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

Instrument :

BNA_N

ClientSampleId :

A40K3MSD

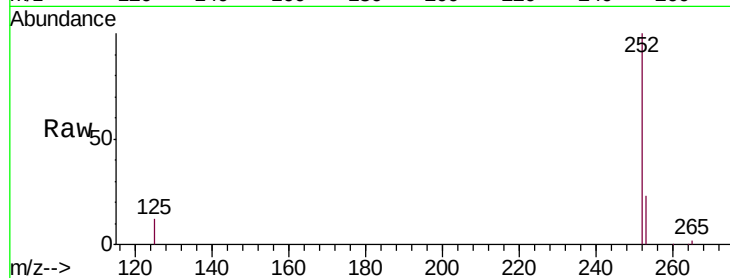
Tgt Ion: 252 Resp: 378121

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

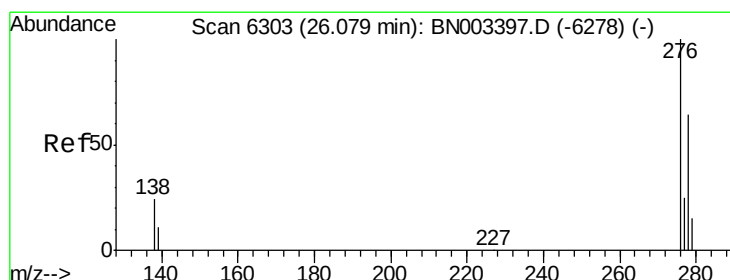
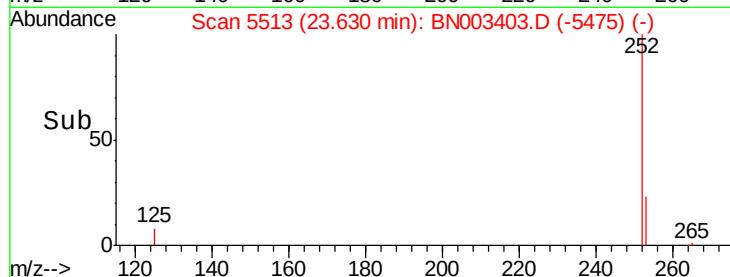
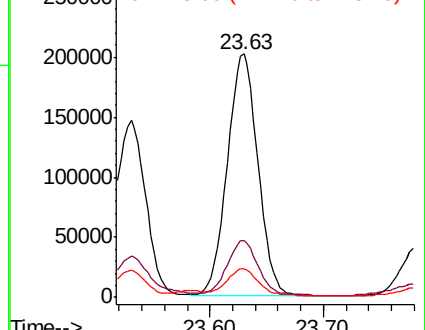
125 11.7 9.9 14.9



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: 1.608 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. 0.01 min

Lab File: BN003403.D

Acq: 02 Nov 2018 15:09

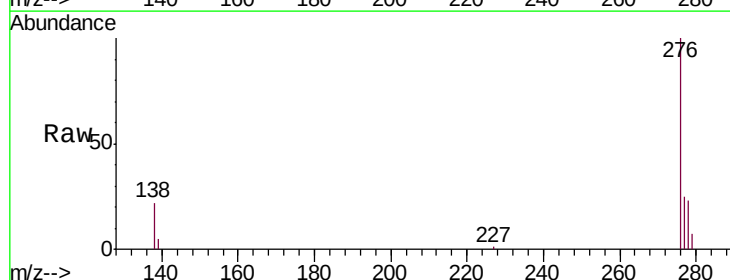
Tgt Ion: 276 Resp: 229437

Ion Ratio Lower Upper

276 100

138 21.8 19.8 29.8

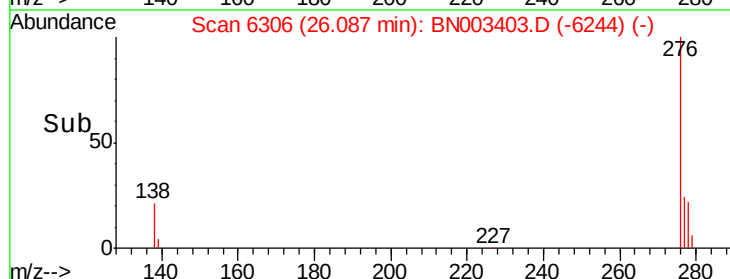
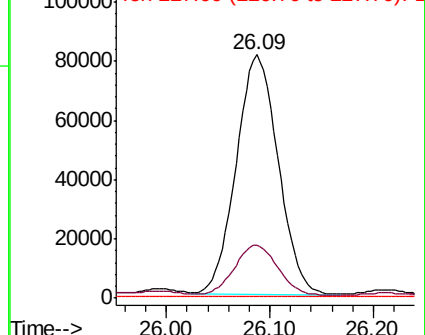
227 0.2 0.2 0.2

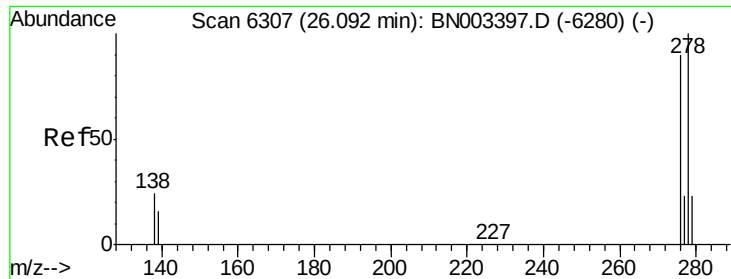


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

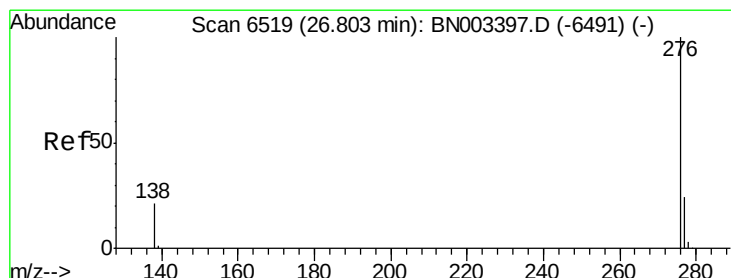
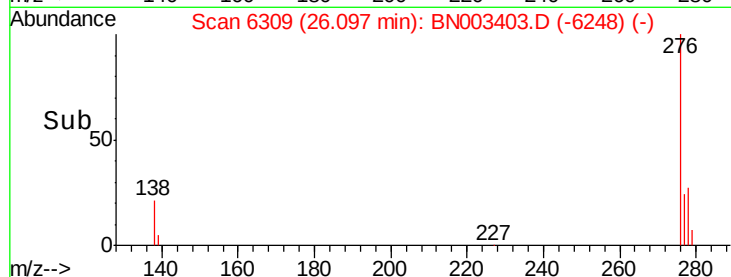
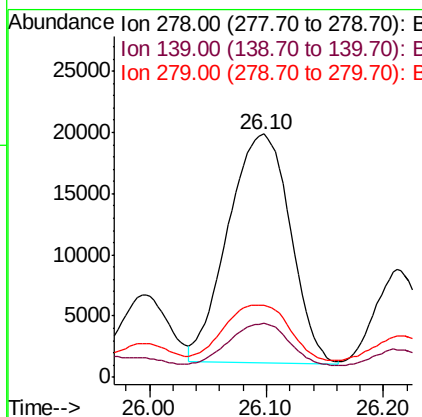
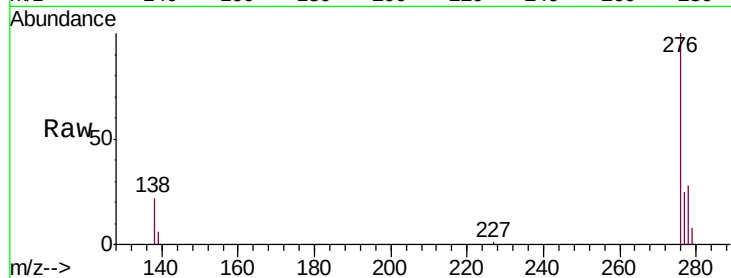




#25
Dibenzo(a,h)anthracene
Concen: 0.595 ng/ul
RT: 26.10 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Tgt Ion: 278 Resp: 69188
Ion Ratio Lower Upper
278 100
139 22.2 13.1 19.7#
279 29.7 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 1.401 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. 0.02 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion: 276 Resp: 171432
Ion Ratio Lower Upper
276 100
138 22.3 17.0 25.6
277 25.1 19.2 28.8

