

Data File : BN003745.D
Acq On : 07 Dec 2018 00:40
Operator : JU/SJ
Sample : J6227-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E74

Quant Time: Dec 07 04:12:28 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration

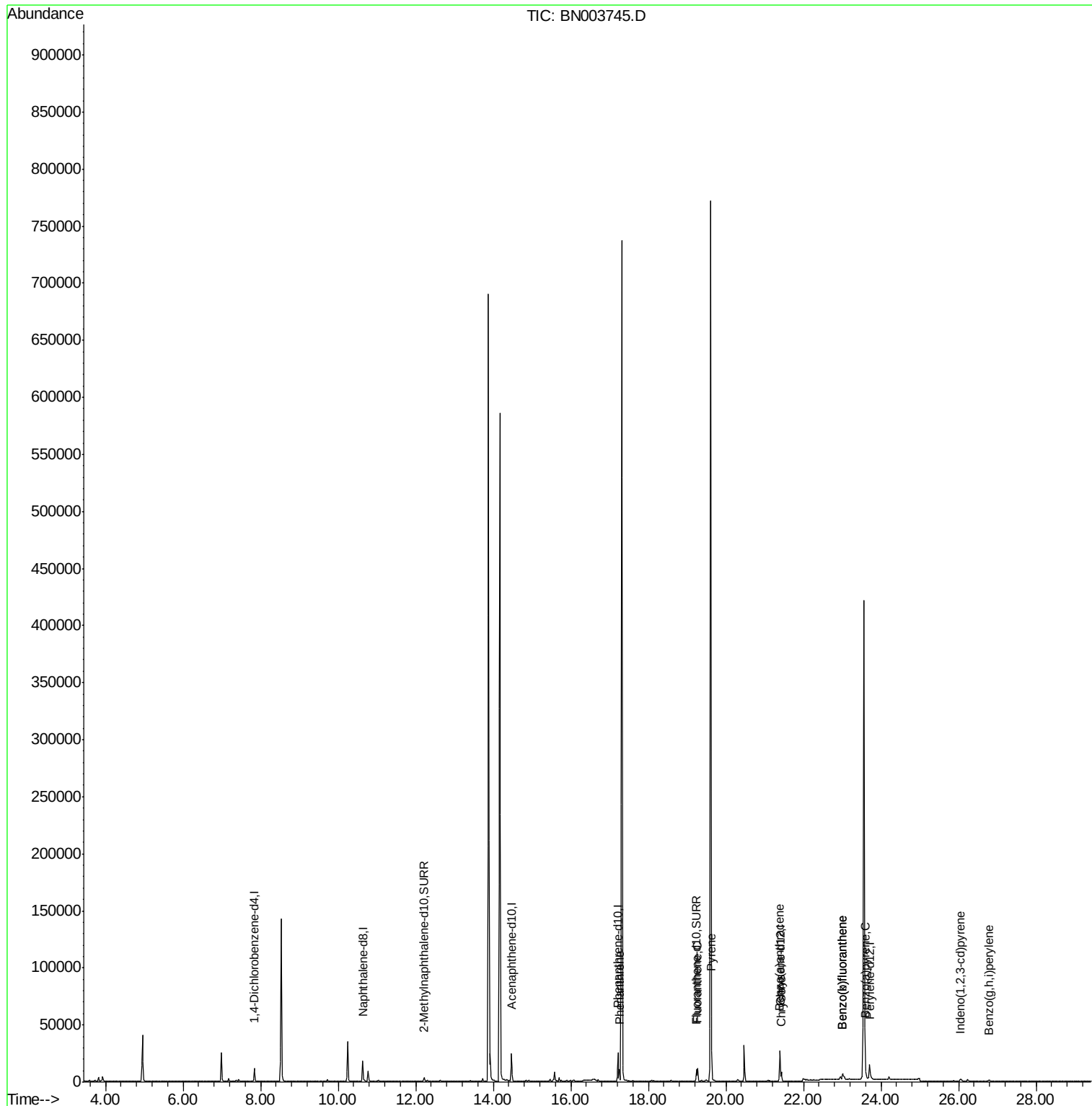
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	28060	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	21602	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	20863	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5124	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10408	0.13	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.26	178	10762	0.117	ng/ul	99
15) Fluoranthene	19.27	202	9469	0.087	ng/ul	92
17) Pyrene	19.63	202	11754	0.152	ng/ul	97
18) Benzo(a)anthracene	21.38	228	5765	0.084	ng/ul	95
19) Chrysene	21.43	228	8234	0.105	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	11467	0.133	ng/ul	81
22) Benzo(k)fluoranthene	23.00	252	11467	0.136	ng/ul#	81
23) Benzo(a)pyrene	23.60	252	4297	0.057	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.05	276	3226	0.038	ng/ul#	98
26) Benzo(g,h,i)perylene	26.78	276	2701	0.036	ng/ul#	78

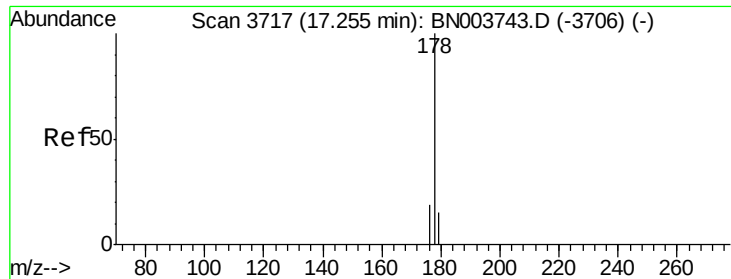
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.117 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9E74

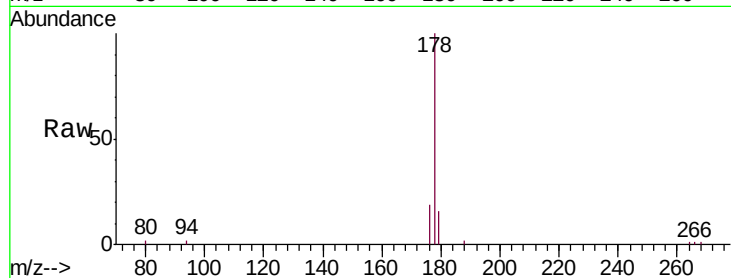
Tgt Ion:178 Resp: 10762

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

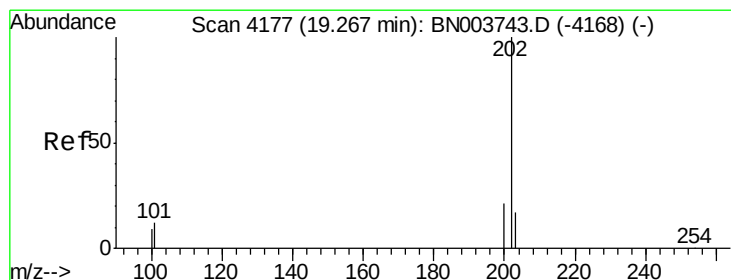
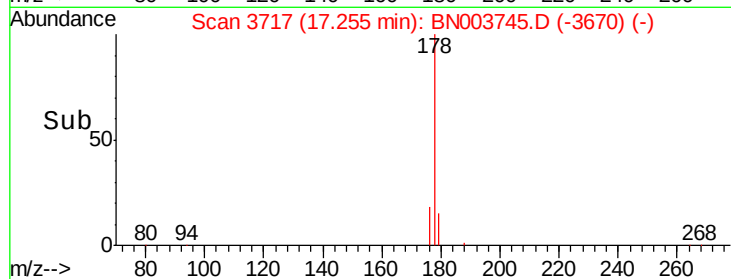
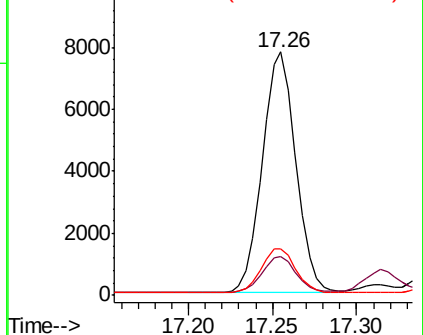
176 19.3 15.0 22.4



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



#15

Fluoranthene

Concen: 0.087 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003745.D

Acq: 07 Dec 2018 00:40

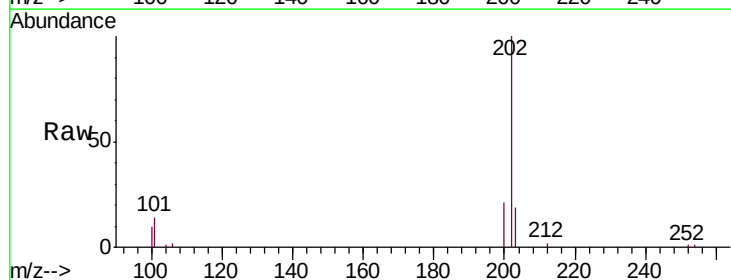
Tgt Ion:202 Resp: 9469

Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.7

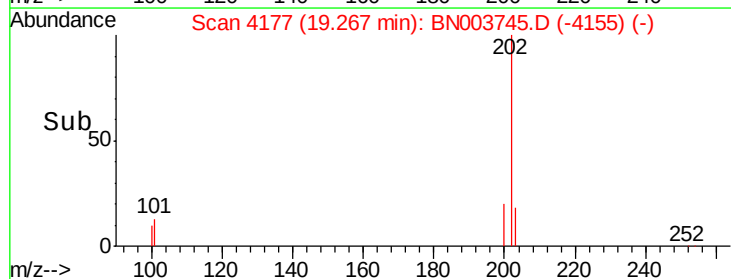
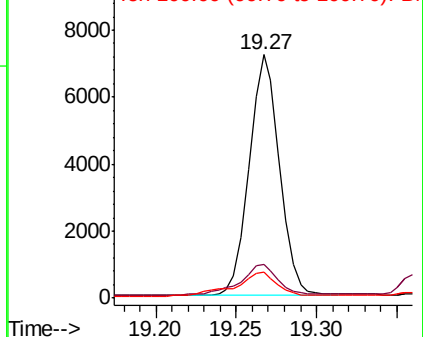
100 10.5 0.0 28.1

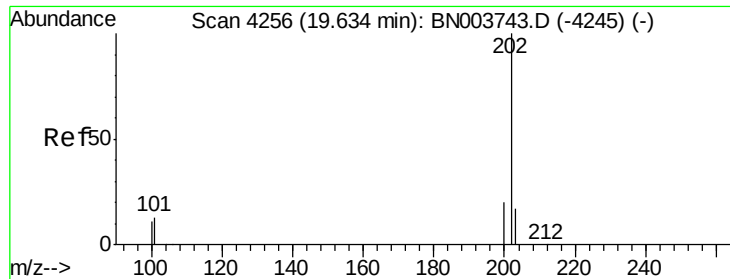


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

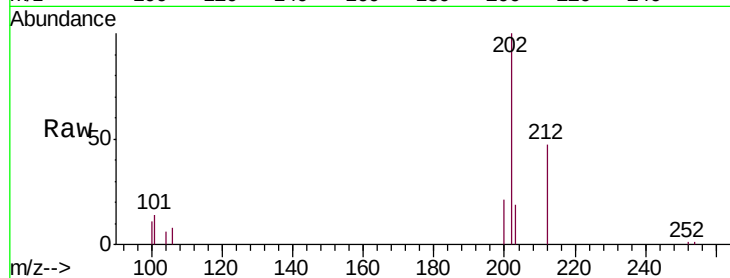




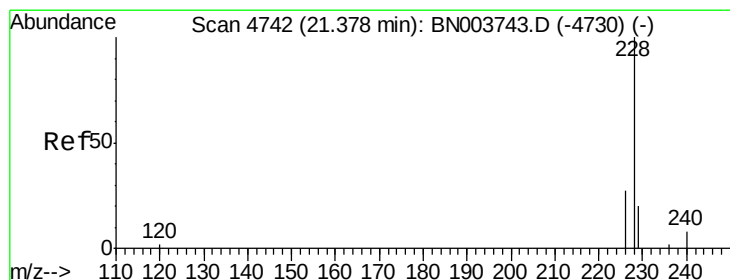
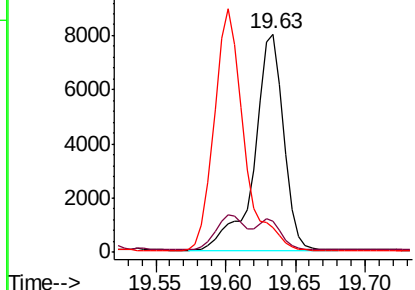
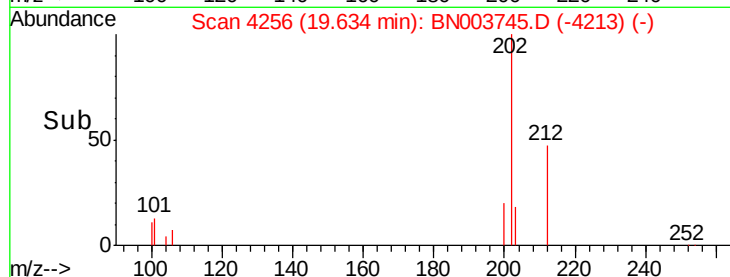
#17
 Pyrene
 Concen: 0.152 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. 0.00 min
 Lab File: BN003745.D
 Acq: 07 Dec 2018 00:40

Instrument :
 BNA_N
 ClientSampleId :
 F9E74

Tgt Ion:202 Resp: 11754
 Ion Ratio Lower Upper
 202 100
 101 14.3 10.3 15.5
 100 11.4 8.5 12.7

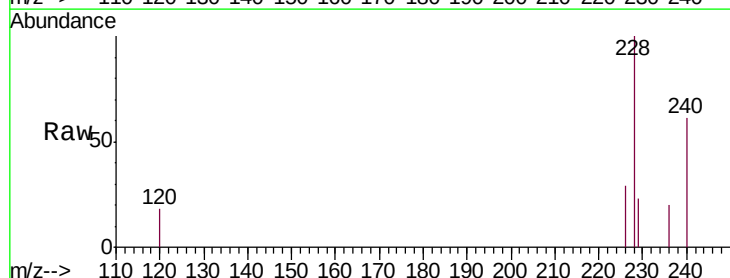


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

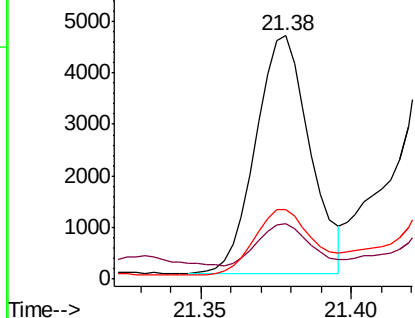
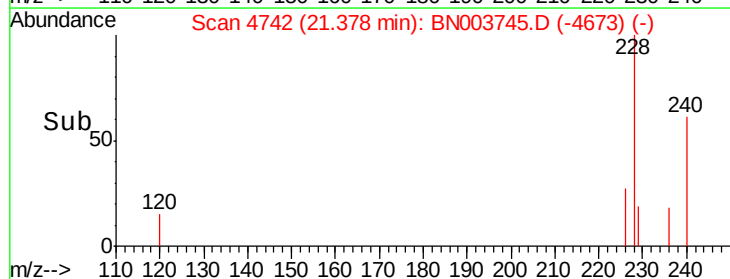


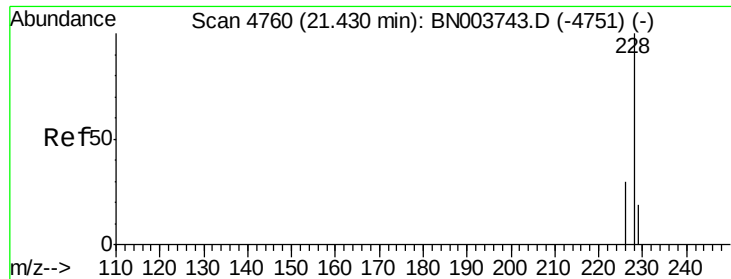
#18
 Benzo(a)anthracene
 Concen: 0.084 ng/ul
 RT: 21.38 min Scan# 4742
 Delta R.T. 0.00 min
 Lab File: BN003745.D
 Acq: 07 Dec 2018 00:40

Tgt Ion:228 Resp: 5765
 Ion Ratio Lower Upper
 228 100
 229 22.8 15.6 23.4
 226 28.5 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: 0.105 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.00 min

Lab File: BN003745.D

Acq: 07 Dec 2018 00:40

Instrument :

BNA_N

ClientSampleId :

F9E74

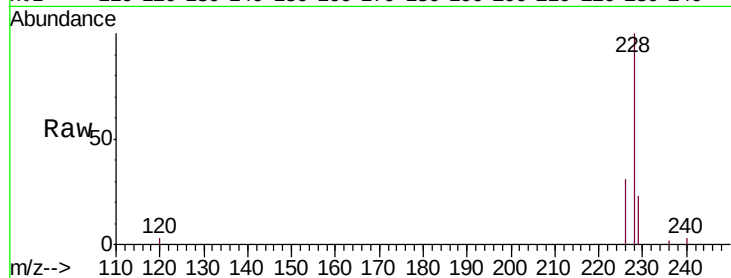
Tgt Ion:228 Resp: 8234

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

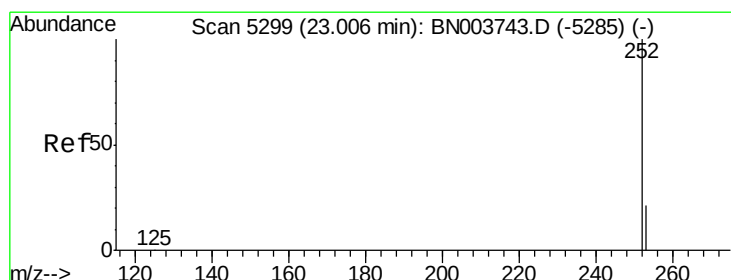
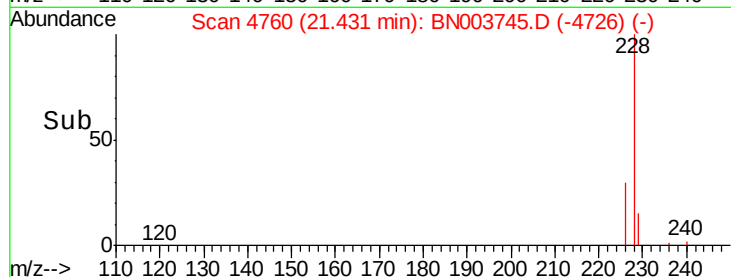
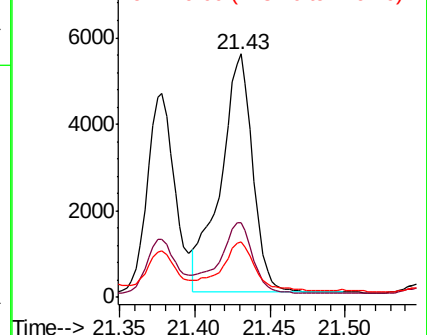
229 22.8 15.7 23.5



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: 0.133 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003745.D

Acq: 07 Dec 2018 00:40

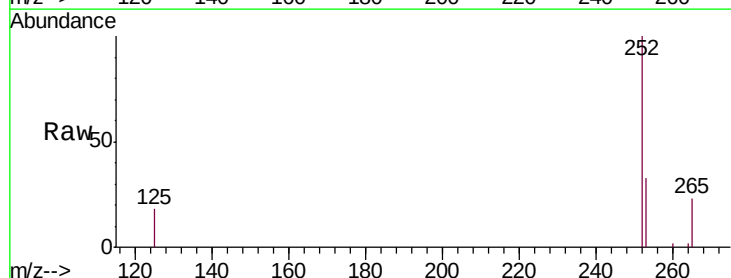
Tgt Ion:252 Resp: 11467

Ion Ratio Lower Upper

252 100

253 32.8 0.0 46.0

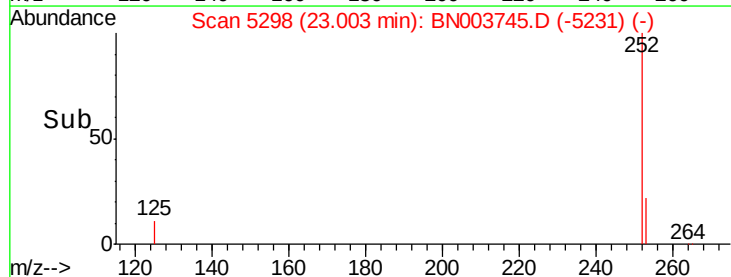
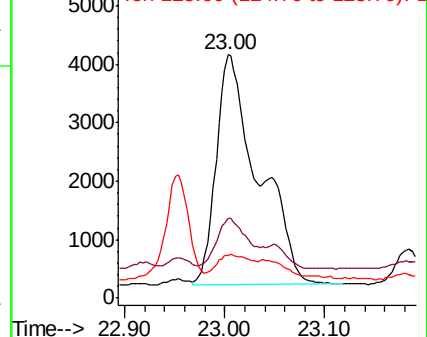
125 17.7 0.0 22.4

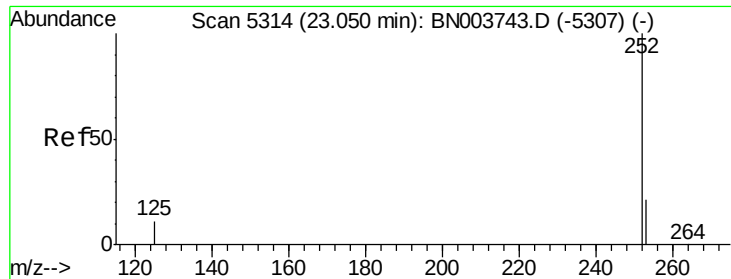


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.136 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.05 min

Lab File: BN003745.D

Acq: 07 Dec 2018 00:40

Instrument :

BNA_N

ClientSampleId :

F9E74

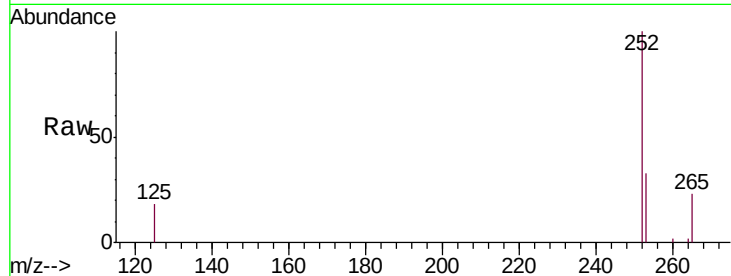
Tgt Ion:252 Resp: 11467

Ion Ratio Lower Upper

252 100

253 32.8 18.5 27.7#

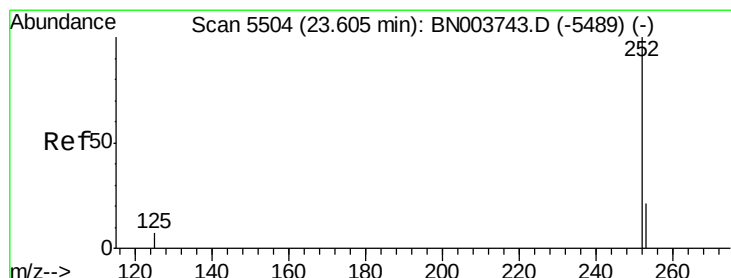
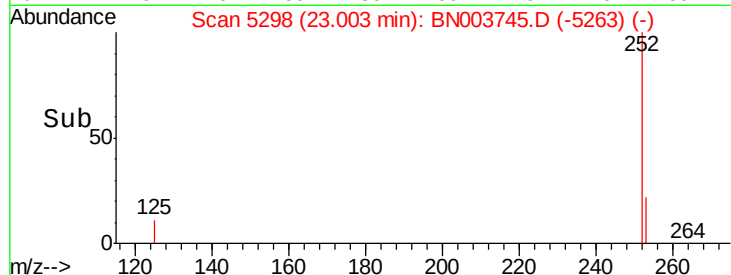
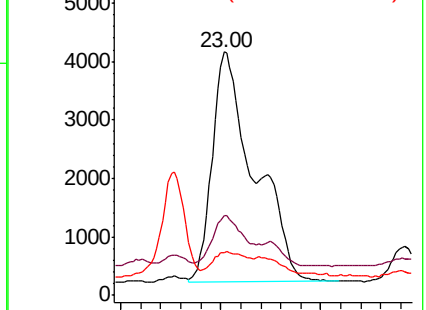
125 17.7 9.0 13.6#



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: 0.057 ng/ul

RT: 23.60 min Scan# 5502

Delta R.T. -0.01 min

Lab File: BN003745.D

Acq: 07 Dec 2018 00:40

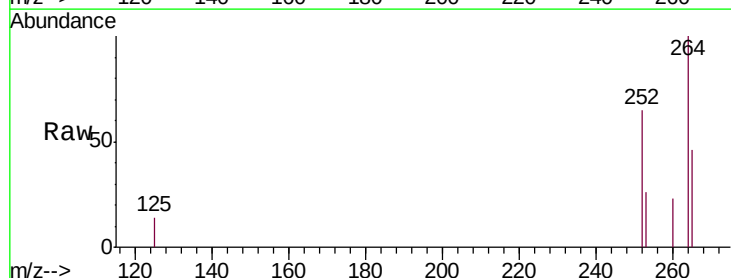
Tgt Ion:252 Resp: 4297

Ion Ratio Lower Upper

252 100

253 40.2 19.0 28.4#

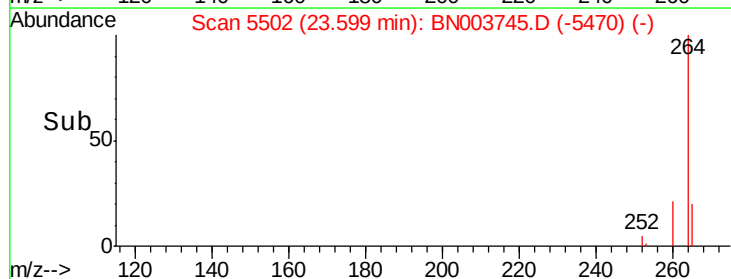
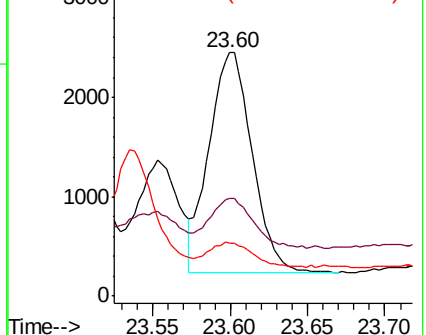
125 21.7 10.2 15.4#

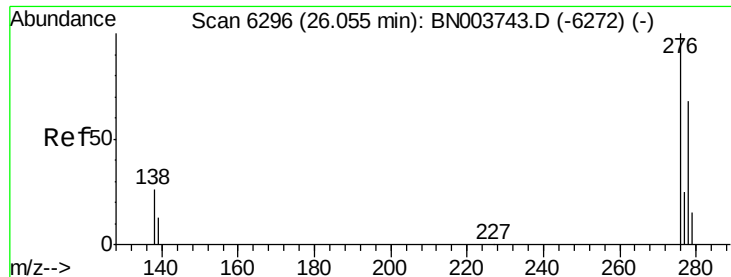


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



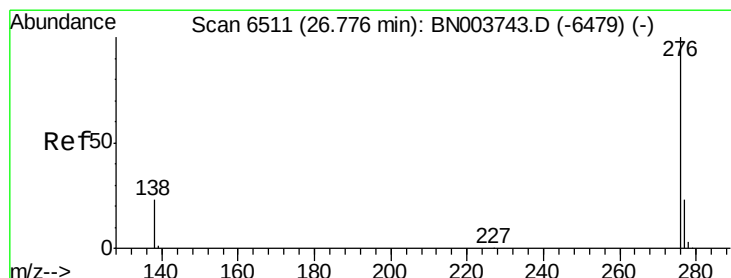
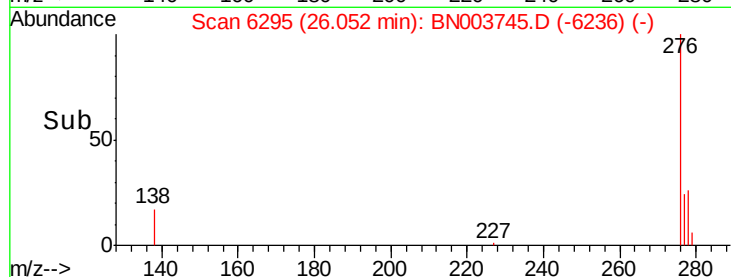
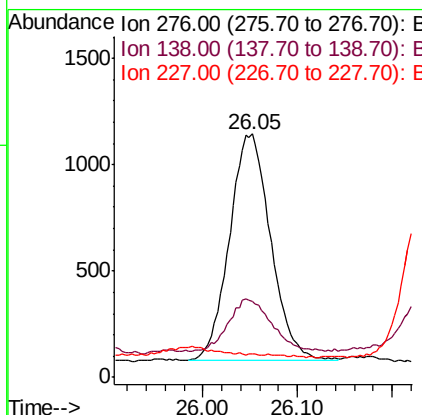
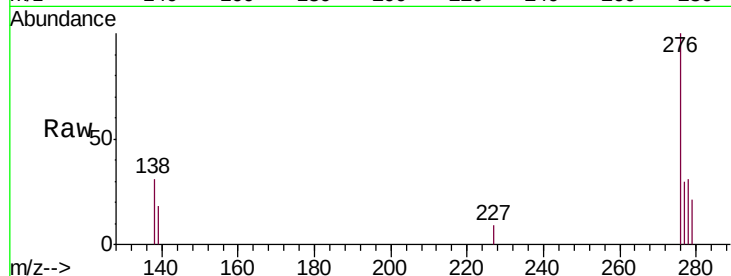


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.05 min Scan# 6295
Delta R.T. -0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Instrument :
BNA_N
ClientSampleId :
F9E74

Tgt Ion:276 Resp: 3226
Ion Ratio Lower Upper
276 100
138 24.6 20.3 30.5
227 0.0 0.2 0.2#



#26

Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. 0.00 min
Lab File: BN003745.D
Acq: 07 Dec 2018 00:40

Tgt Ion:276 Resp: 2701
Ion Ratio Lower Upper
276 100
138 35.8 17.7 26.5#
277 31.8 19.3 28.9#

