

Data File : BN004046.D
Acq On : 17 Dec 2018 21:21
Operator : JU/SJ
Sample : J6236-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E22

Quant Time: Dec 18 04:33:51 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1503	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4842	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	515109	0.40	ng/ul	0.10
16) Chrysene-d12	21.53	240	66	0.40	ng/ul	0.12
20) Perylene-d12	23.84	264	820	0.40	ng/ul	0.11

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2396	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	209	0.00	ng/ul	0.06

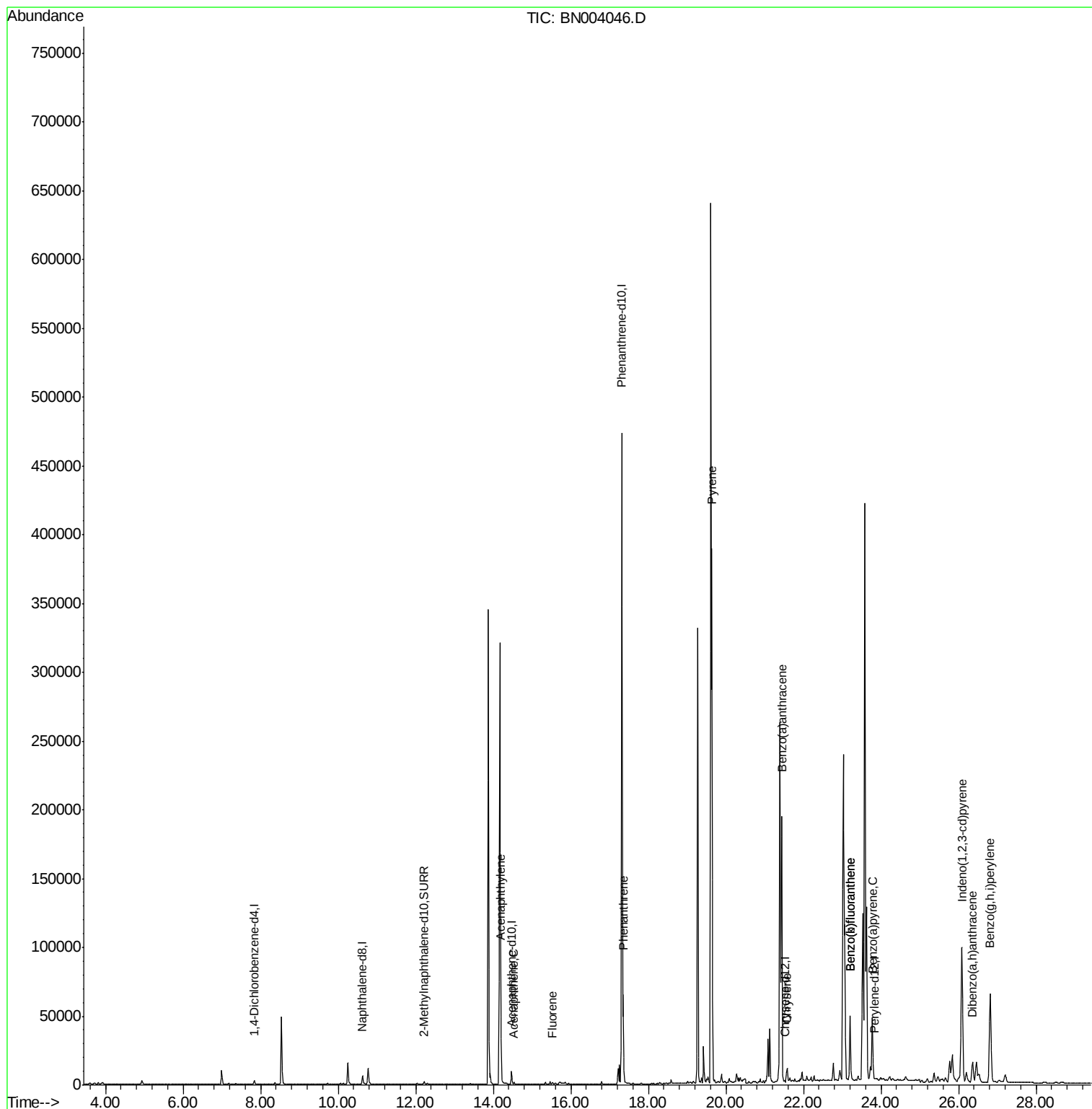
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	66378	3.044	ng/ul	100
8) Acenaphthene	14.53	153	709	0.037	ng/ul#	90
9) Fluorene	15.52	166	1223	0.055	ng/ul#	96
12) Phenanthrene	17.35	178	69029	0.041	ng/ul	99
17) Pyrene	19.64	202	309576	1307.798	ng/ul	95
18) Benzo(a)anthracene	21.44	228	213350	1023.463	ng/ul	94
19) Chrysene	21.58	228	13152	55.131	ng/ul#	87
21) Benzo(b)fluoranthene	23.20	252	60707	17.897	ng/ul	93
22) Benzo(k)fluoranthene	23.20	252	60707	18.370	ng/ul#	93
23) Benzo(a)pyrene	23.77	252	58484	19.911	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.09	276	163154	48.437	ng/ul	94
25) Dibenzo(a,h)anthracene	26.36	278	22394	8.260	ng/ul	94
26) Benzo(g,h,i)perylene	26.82	276	132903	45.397	ng/ul	99

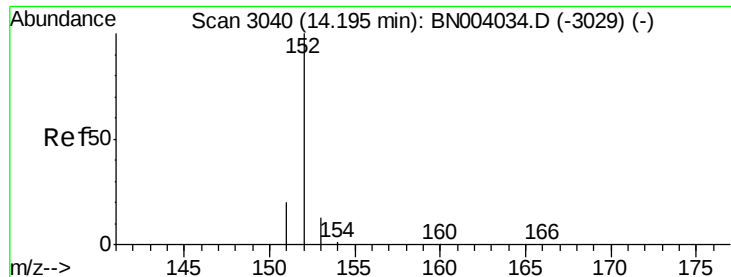
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 3.044 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

ClientSampleId :

F9E22

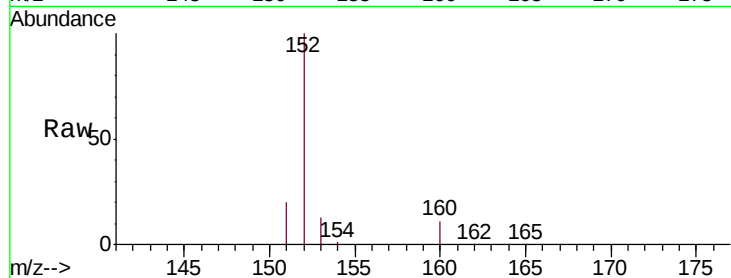
Tgt Ion:152 Resp: 66378

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

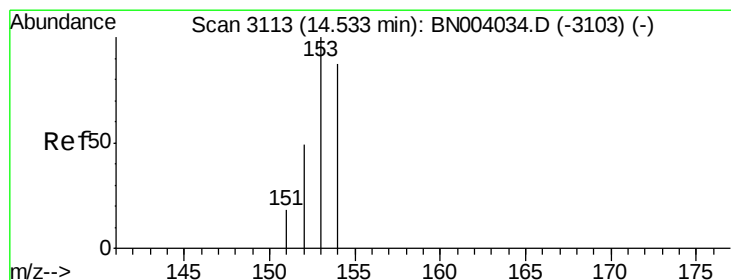
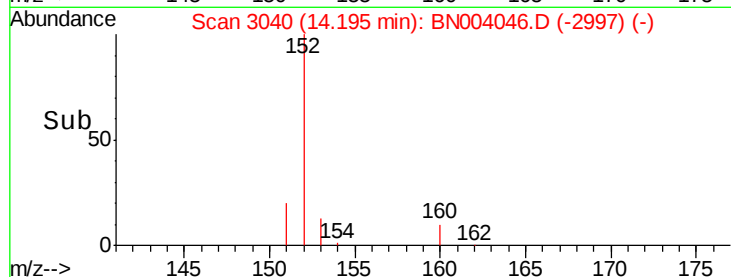
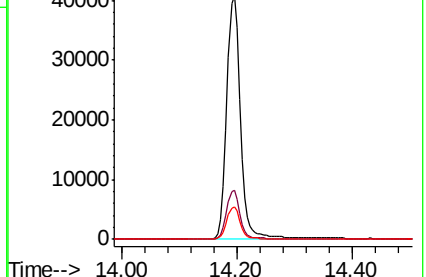
153 13.2 10.7 16.1



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: 0.037 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

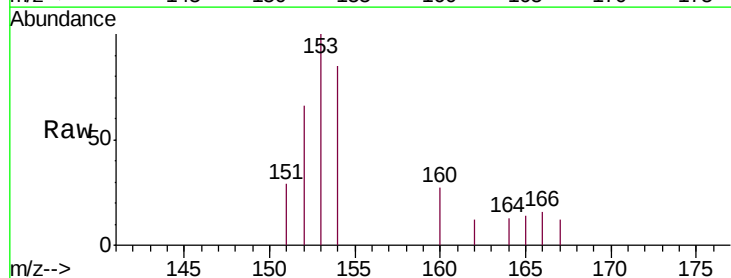
Tgt Ion:153 Resp: 709

Ion Ratio Lower Upper

153 100

152 65.6 39.3 58.9#

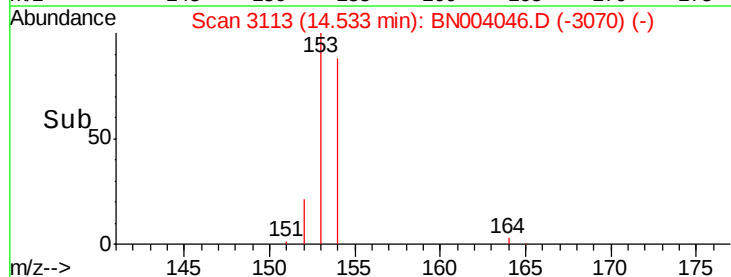
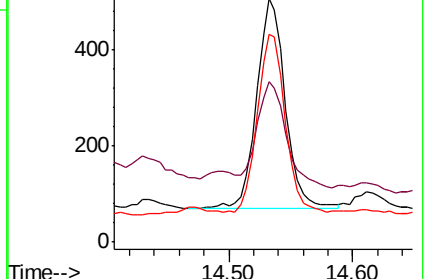
154 85.4 70.3 105.5

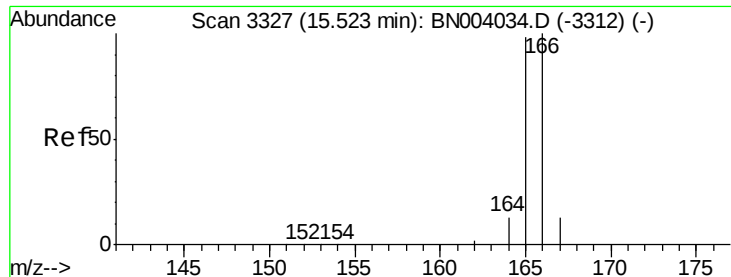


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.055 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

ClientSampleId :

F9E22

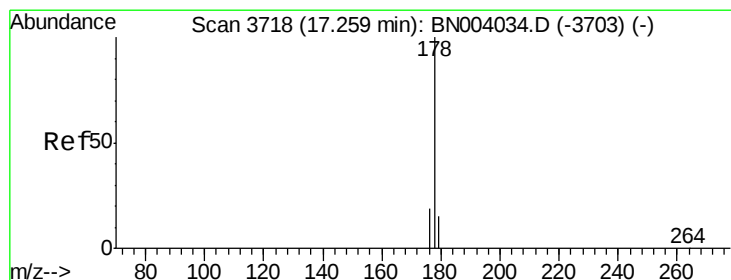
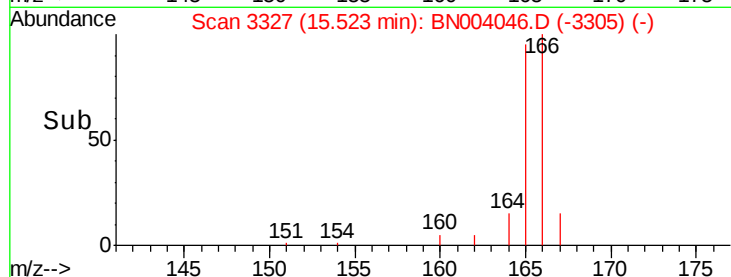
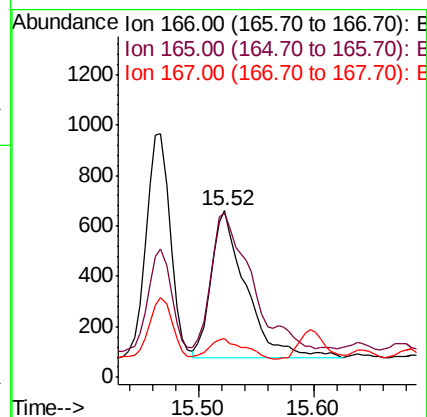
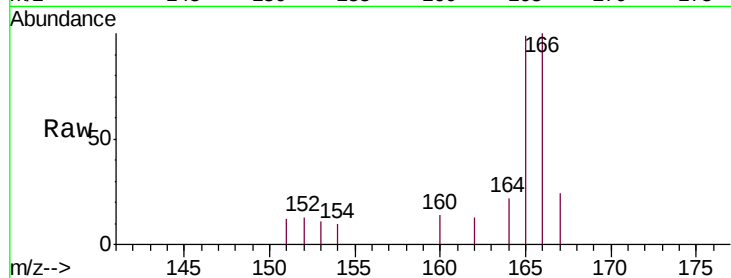
Tgt Ion:166 Resp: 1223

Ion Ratio Lower Upper

166 100

165 98.9 78.3 117.5

167 23.5 11.3 16.9#



#12

Phenanthrene

Concen: 0.041 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.09 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

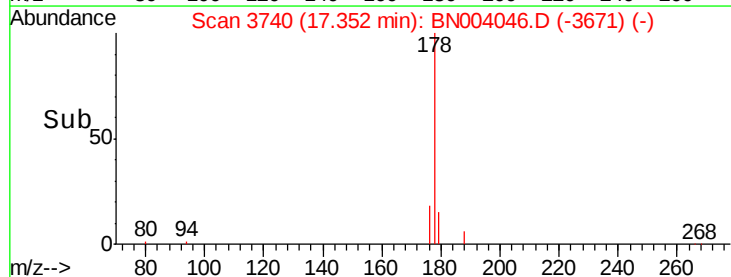
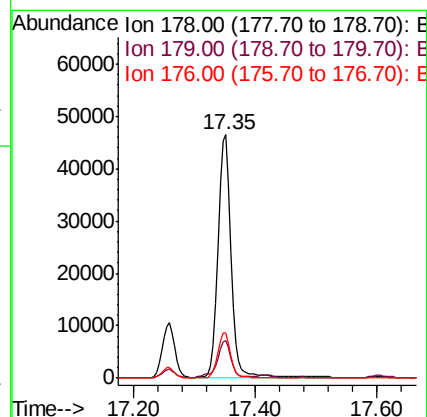
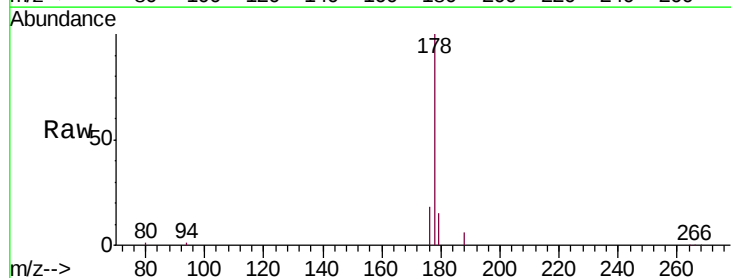
Tgt Ion:178 Resp: 69029

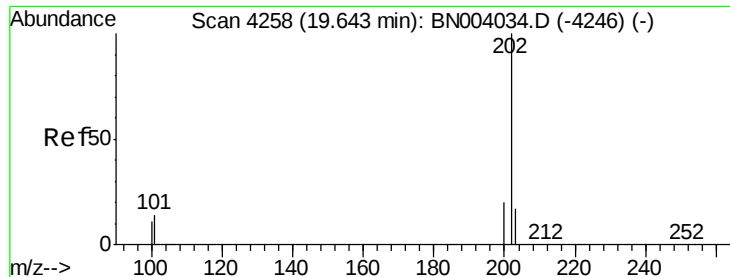
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.3 15.0 22.4





#17

Pyrene

Concen: 1307.798 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

ClientSampleId :

F9E22

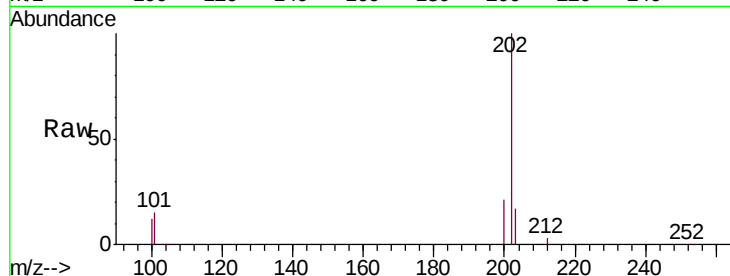
Tgt Ion:202 Resp: 309576

Ion Ratio Lower Upper

202 100

101 15.0 10.3 15.5

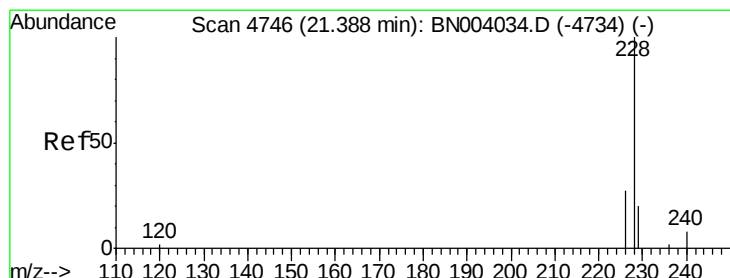
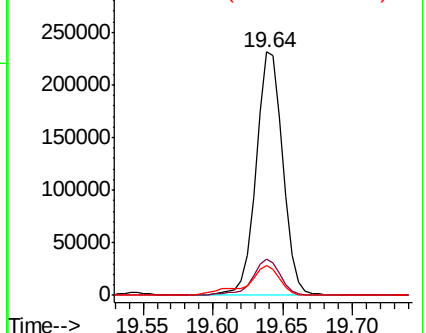
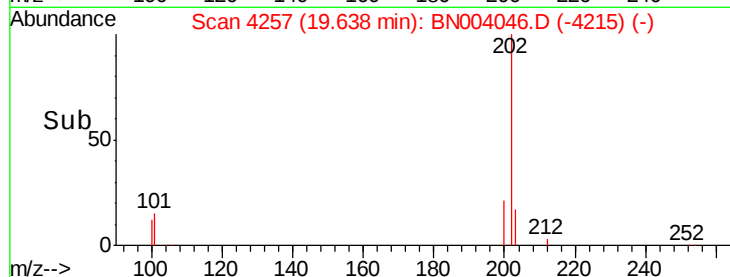
100 12.1 8.5 12.7



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: 1023.463 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.05 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

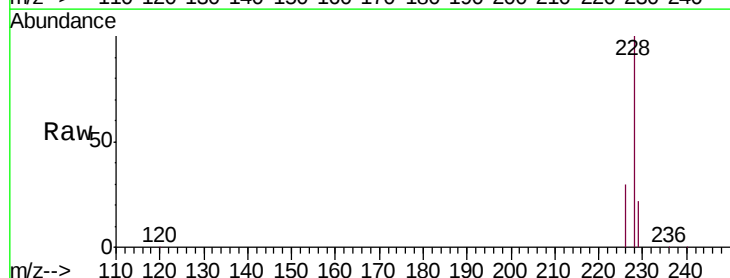
Tgt Ion:228 Resp: 213350

Ion Ratio Lower Upper

228 100

229 21.6 15.6 23.4

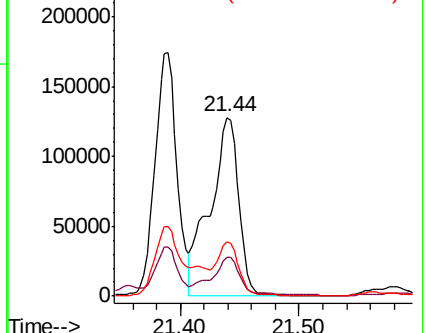
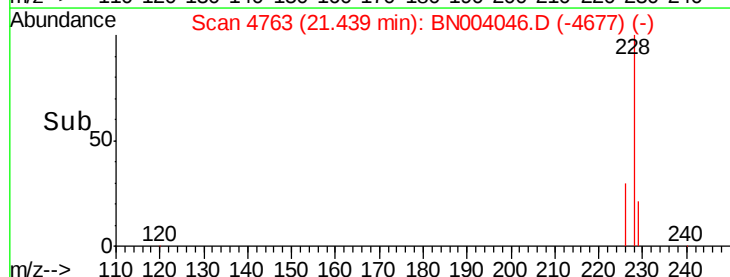
226 30.3 21.1 31.7

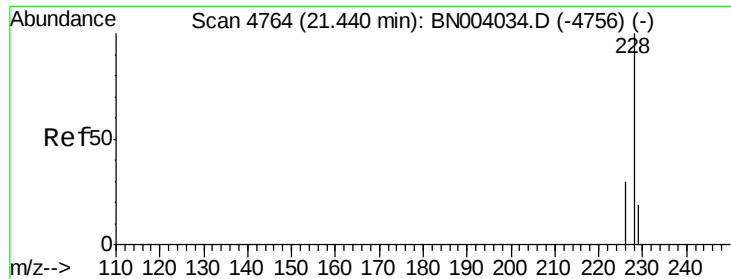


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 55.131 ng/ul

RT: 21.58 min Scan# 4811

Delta R.T. 0.14 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

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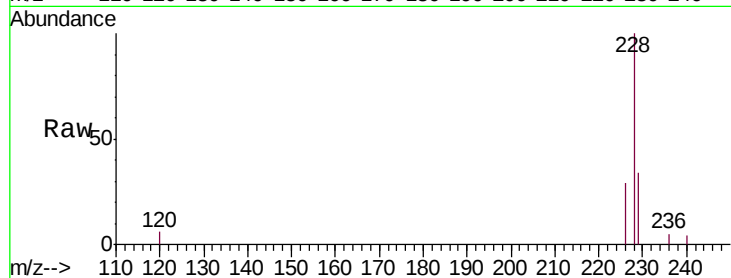
Tgt Ion:228 Resp: 13152

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

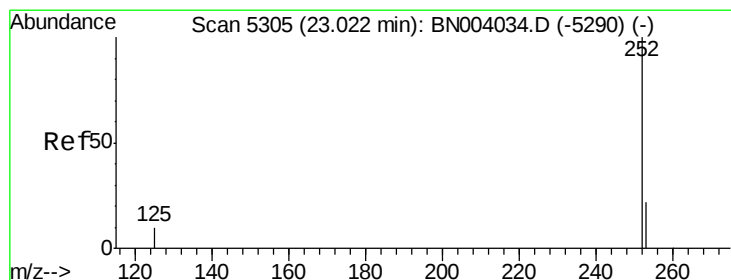
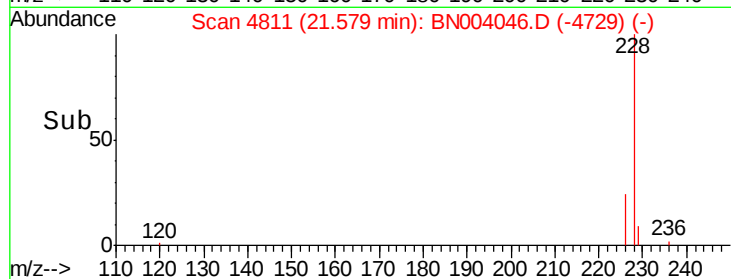
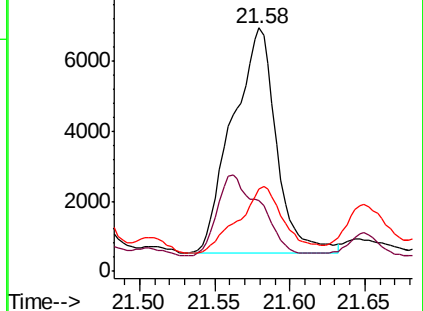
229 33.6 15.7 23.5#



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: 17.897 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.18 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

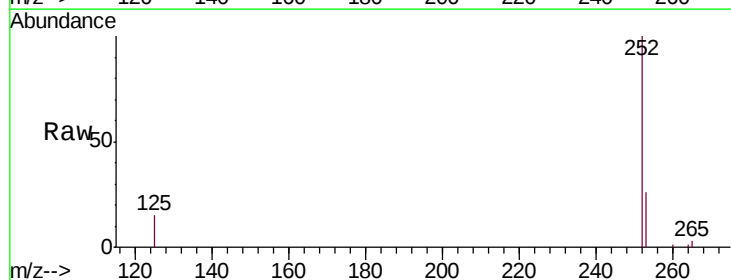
Tgt Ion:252 Resp: 60707

Ion Ratio Lower Upper

252 100

253 25.8 0.0 46.0

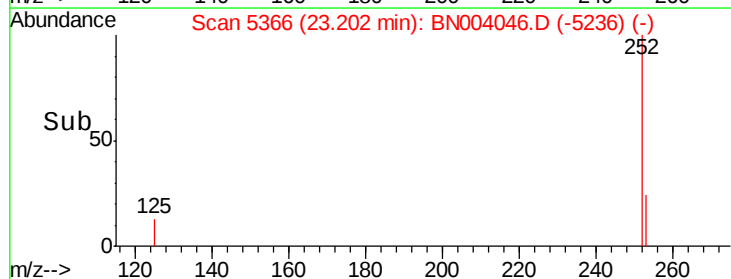
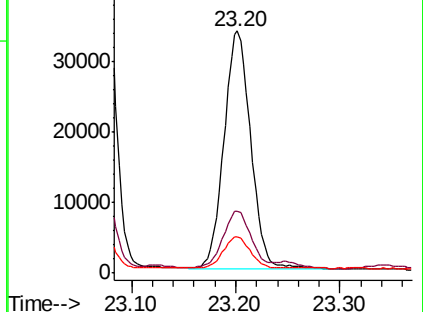
125 15.2 0.0 22.4

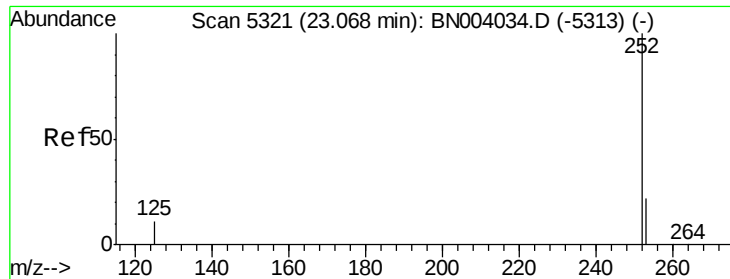


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 18.370 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.13 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

ClientSampleId :

F9E22

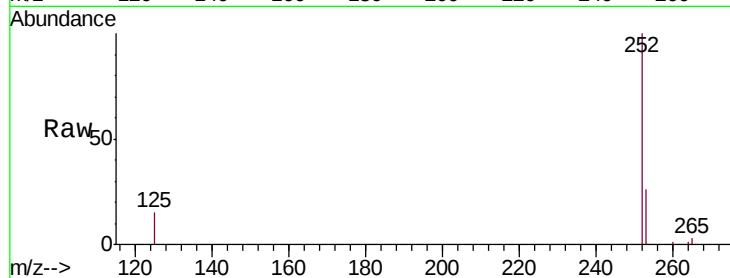
Tgt Ion:252 Resp: 60707

Ion Ratio Lower Upper

252 100

253 25.8 18.5 27.7

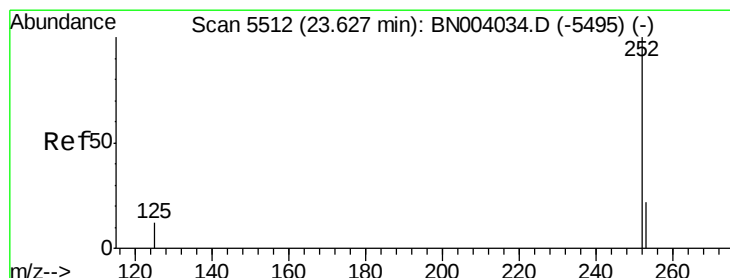
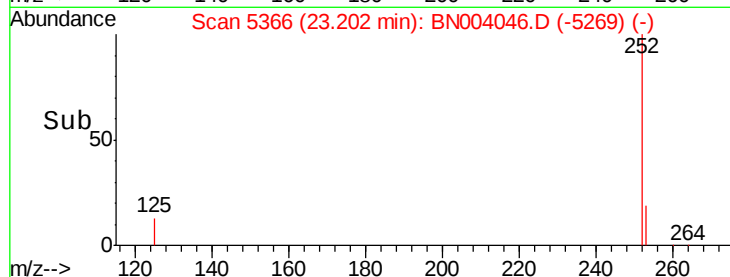
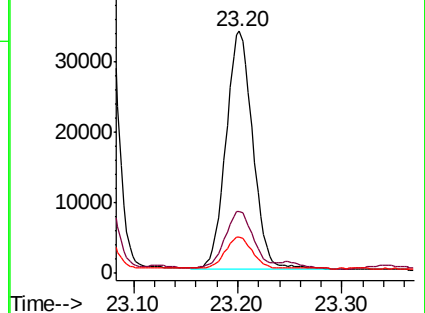
125 15.2 9.0 13.6#



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: 19.911 ng/ul

RT: 23.77 min Scan# 5562

Delta R.T. 0.15 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

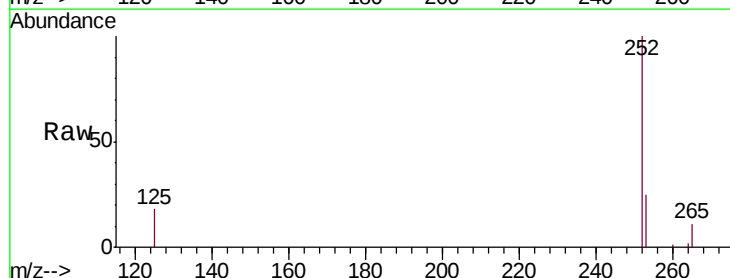
Tgt Ion:252 Resp: 58484

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.4

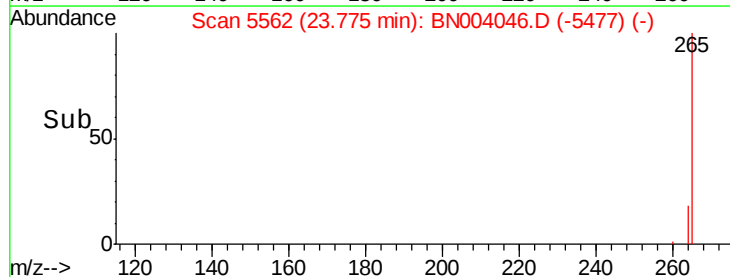
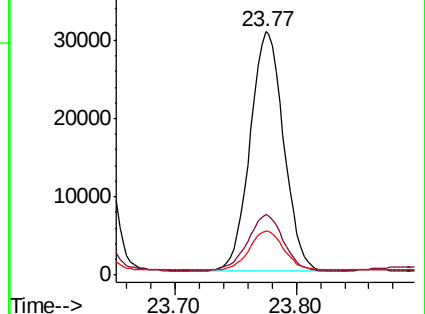
125 18.3 10.2 15.4#

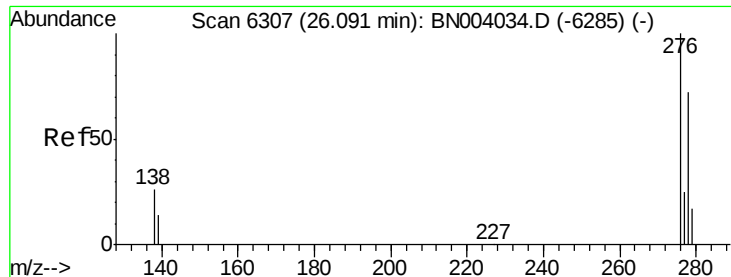


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



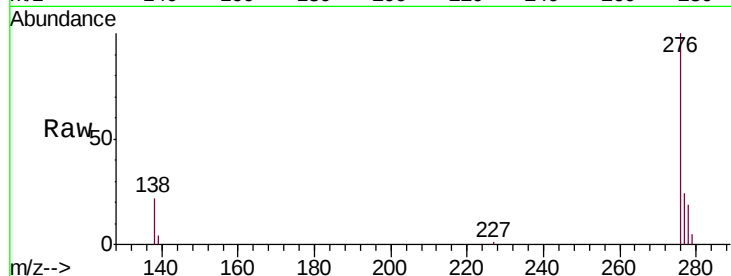


#24

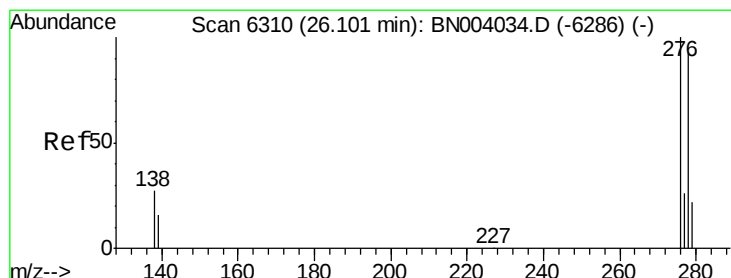
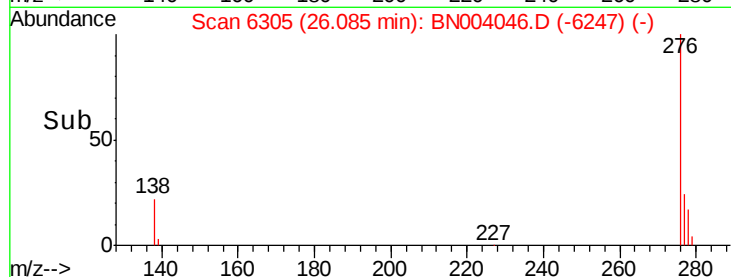
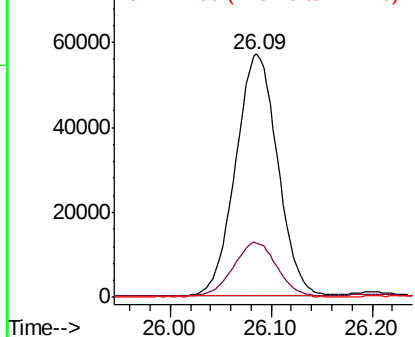
Indeno(1,2,3-cd)pyrene
Concen: 48.437 ng/u1
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
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Tgt Ion:276 Resp: 163154
Ion Ratio Lower Upper
276 100
138 22.6 20.3 30.5
227 0.2 0.2 0.2



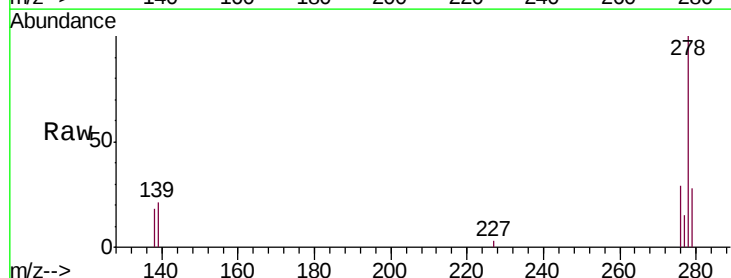
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



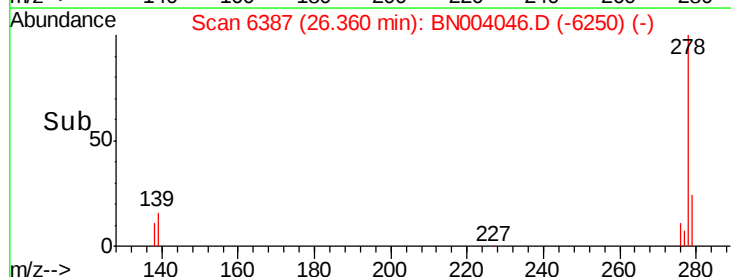
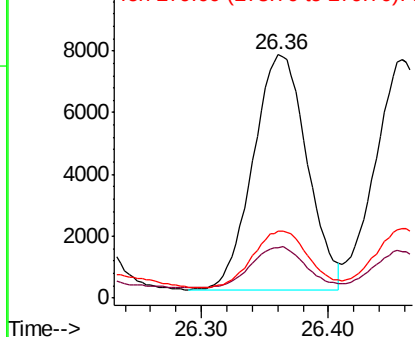
#25

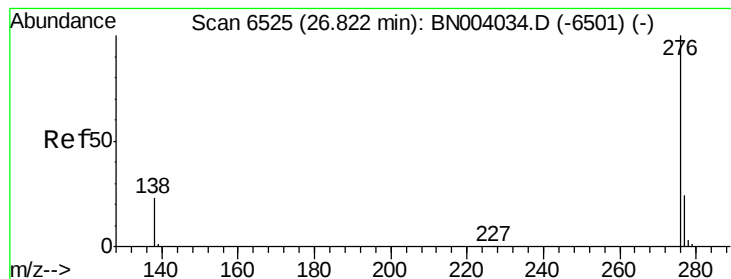
Dibenzo(a,h)anthracene
Concen: 8.260 ng/u1
RT: 26.36 min Scan# 6387
Delta R.T. 0.26 min
Lab File: BN004046.D
Acq: 17 Dec 2018 21:21

Tgt Ion:278 Resp: 22394
Ion Ratio Lower Upper
278 100
139 20.9 14.2 21.4
279 27.7 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

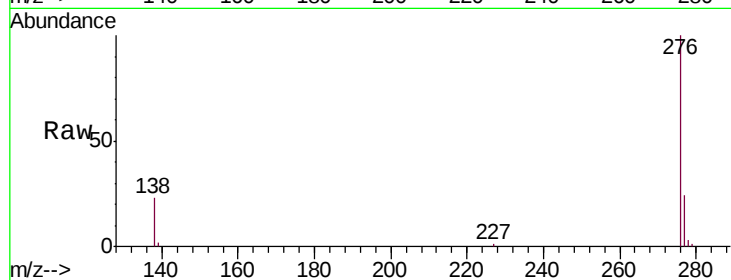




#26
 Benzo(g,h,i)perylene
 Concen: 45.397 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_N
 ClientSampleId :
 F9E22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.7	26.5
277	24.2	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

