

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
 Data File : BN005714.D
 Acq On : 16 May 2019 22:02
 Operator : JU/SJ
 Sample : K2690-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5153

Quant Time: May 17 04:39:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

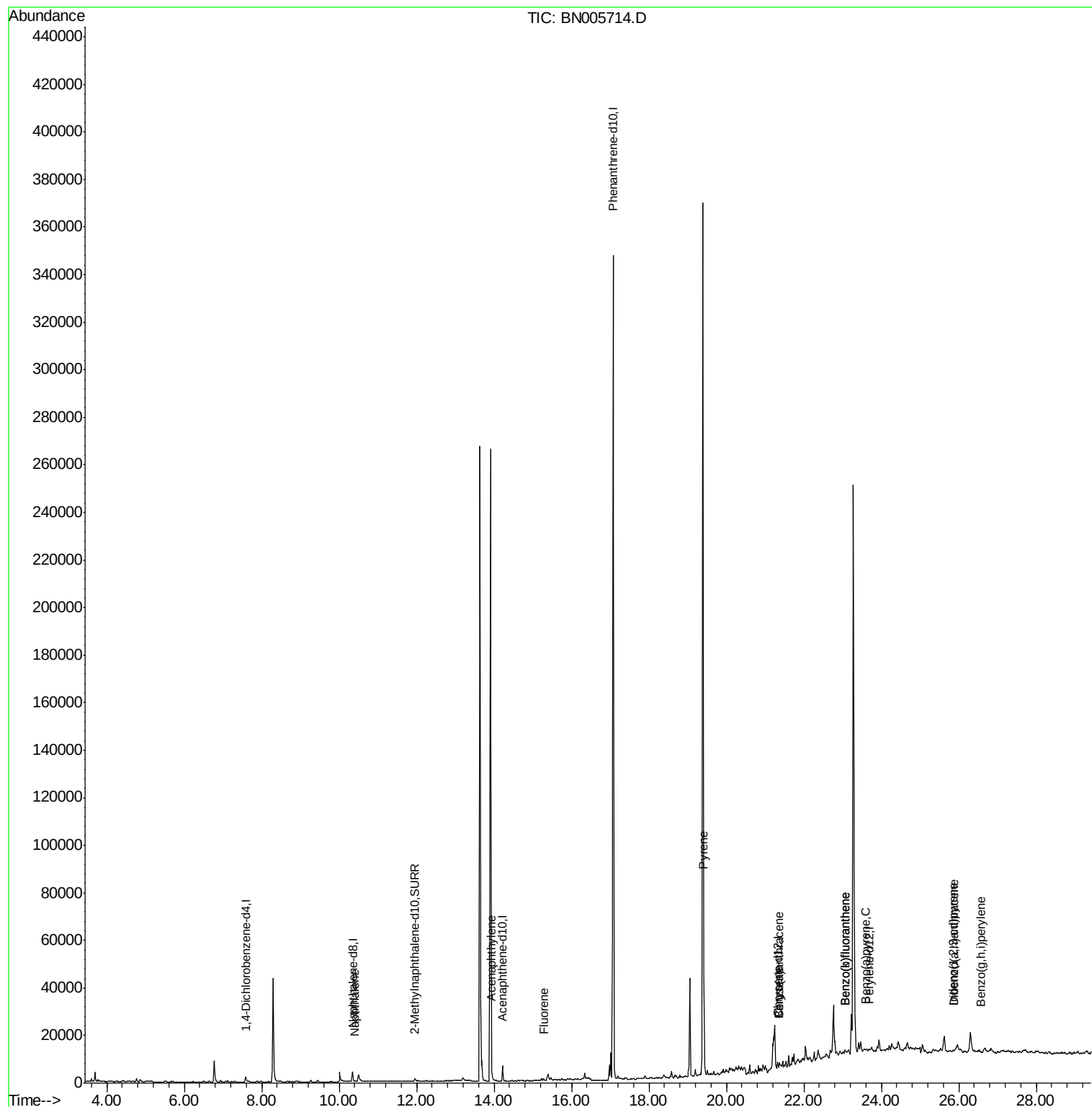
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1358	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5548	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	3547	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	421427	0.40	ng/ul	0.08
16) Chrysene-d12	21.33	240	87	0.40	ng/ul	0.11
20) Perylene-d12	23.68	264	427	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2126	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	583	0.00	ng/ul	0.09
Target Compounds						
					Qvalue	
3) Naphthalene	10.39	128	320	0.022	ng/ul#	46
7) Acenaphthylene	13.94	152	545	0.031	ng/ul#	43
9) Fluorene	15.28	166	348	0.024	ng/ul#	69
17) Pyrene	19.42	202	34707	108.026	ng/ul	97
18) Benzo(a)anthracene	21.36	228	1383	4.611	ng/ul#	1
19) Chrysene	21.36	228	1410	3.828	ng/ul#	1
21) Benzo(b)fluoranthene	23.06	252	1452	1.131	ng/ul#	1
22) Benzo(k)fluoranthene	23.06	252	1521	0.945	ng/ul#	1
23) Benzo(a)pyrene	23.60	252	45	0.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.85	276	760	0.474	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.88	278	1318	0.994	ng/ul#	1
26) Benzo(g,h,i)perylene	26.56	276	201	0.147	ng/ul#	1

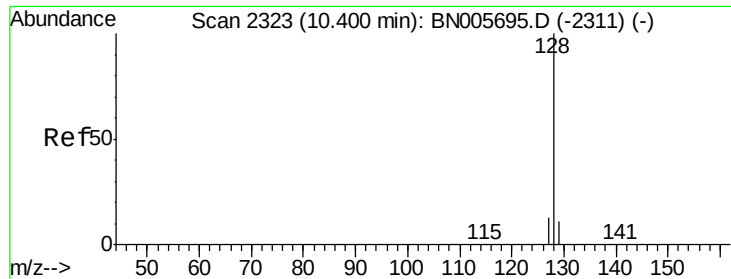
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

A5153

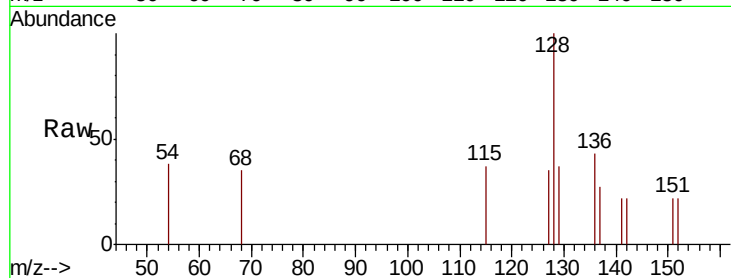
Tgt Ion:128 Resp: 320

Ion Ratio Lower Upper

128 100

129 37.1 10.2 15.2#

127 34.6 11.8 17.8#



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

10.39

250

200

150

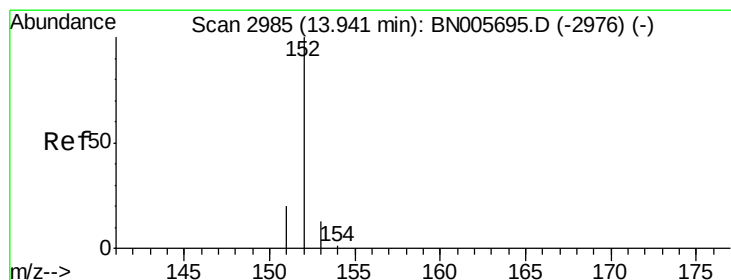
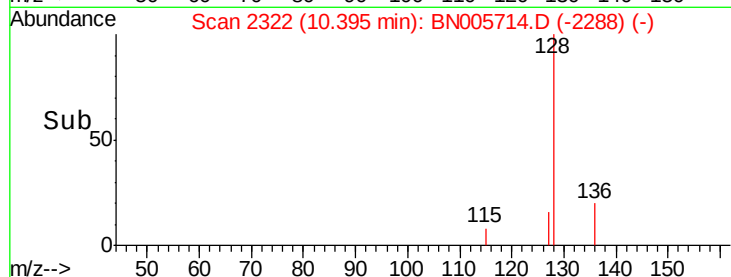
100

50

0

10.35 10.40 10.45

Time-->



#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

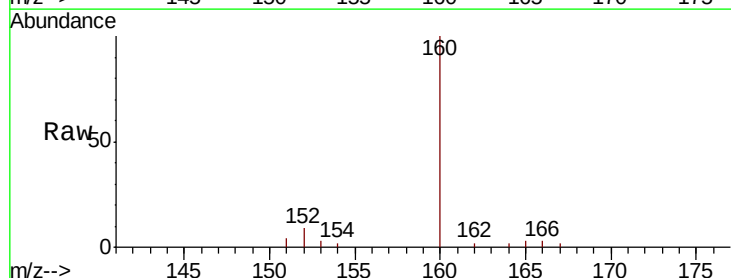
Tgt Ion:152 Resp: 545

Ion Ratio Lower Upper

152 100

151 49.1 16.7 25.1#

153 36.3 11.6 17.4#



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

13.94

400

300

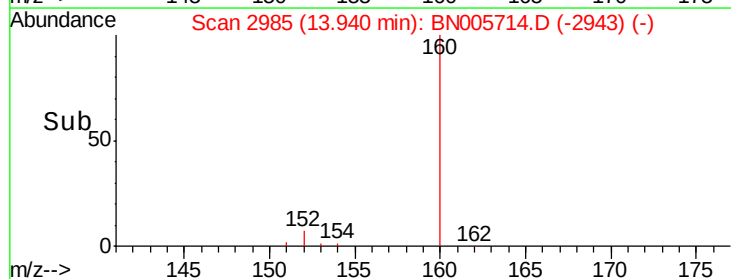
200

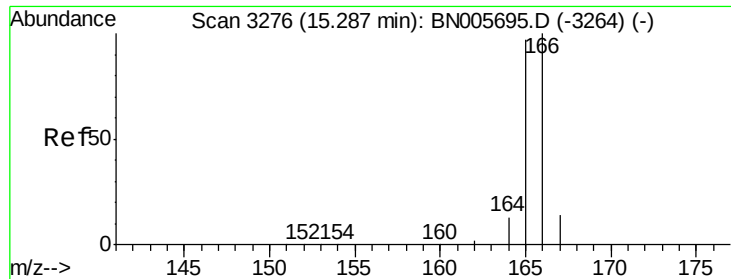
100

0

13.85 13.90 13.95 14.00

Time-->





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

A5153

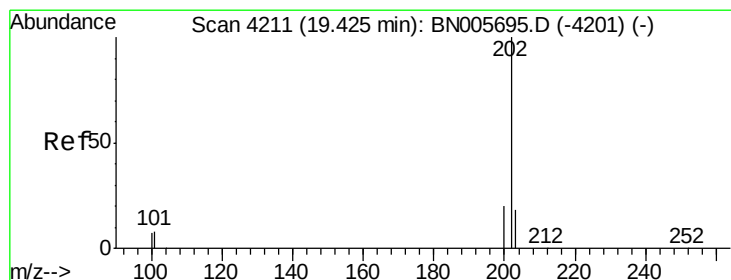
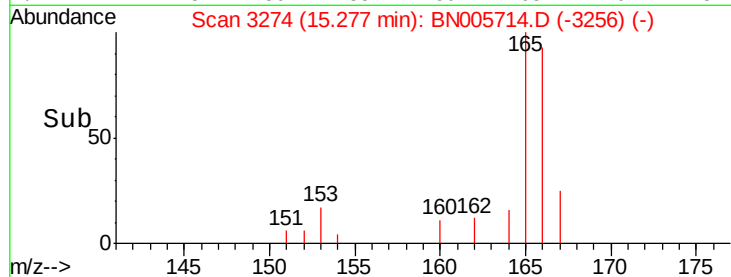
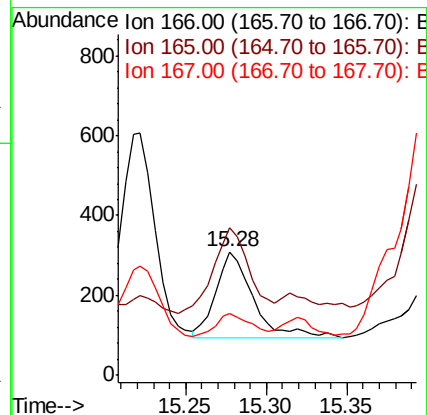
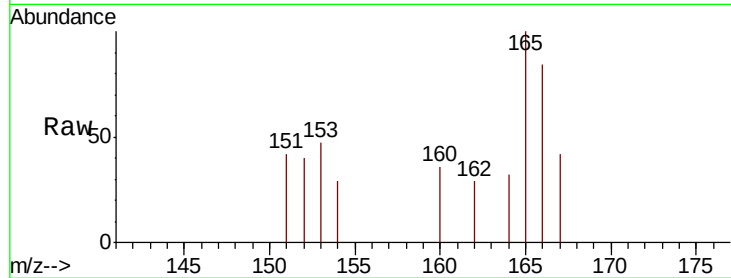
Tgt Ion:166 Resp: 348

Ion Ratio Lower Upper

166 100

165 119.7 78.0 117.0#

167 50.3 12.2 18.4#



#17

Pyrene

Concen: 108.026 ng/ul

RT: 19.42 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

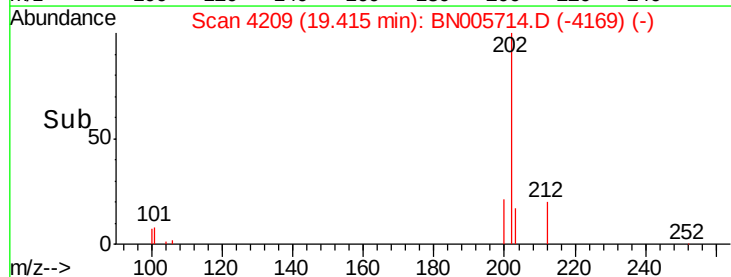
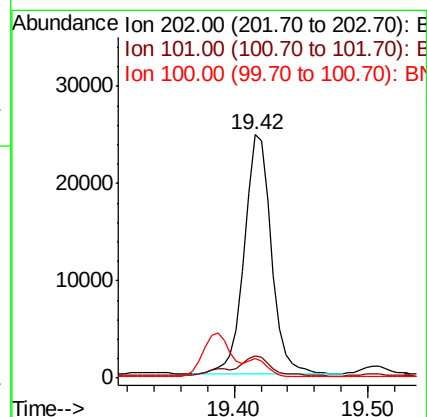
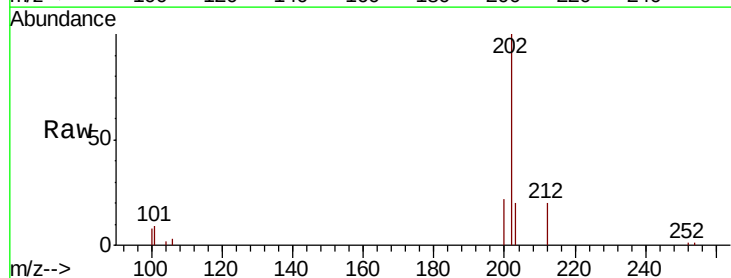
Tgt Ion:202 Resp: 34707

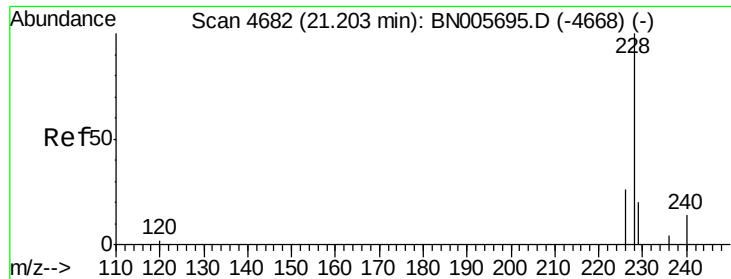
Ion Ratio Lower Upper

202 100

101 9.2 8.5 12.7

100 7.9 6.9 10.3





#18

Benzo(a)anthracene

Concen: 4.611 ng/ul

RT: 21.36 min Scan# 4738

Delta R.T. 0.16 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

A5153

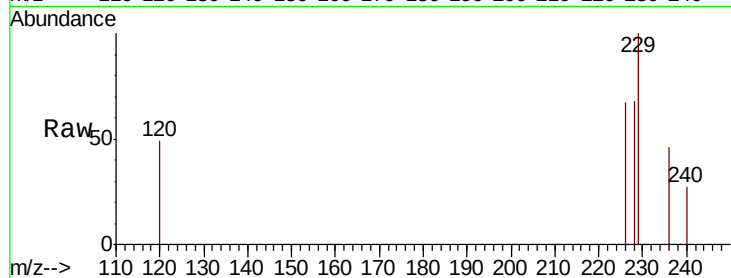
Tgt Ion:228 Resp: 1383

Ion Ratio Lower Upper

228 100

229 147.6 15.8 23.8#

226 98.2 21.7 32.5#

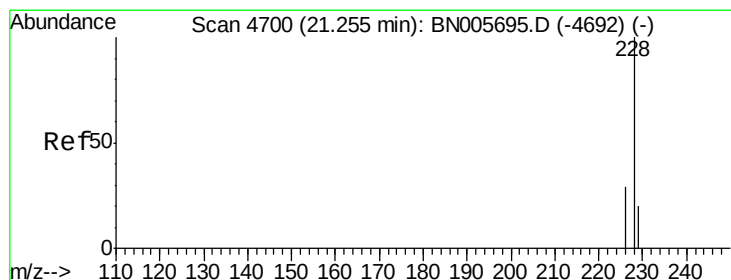
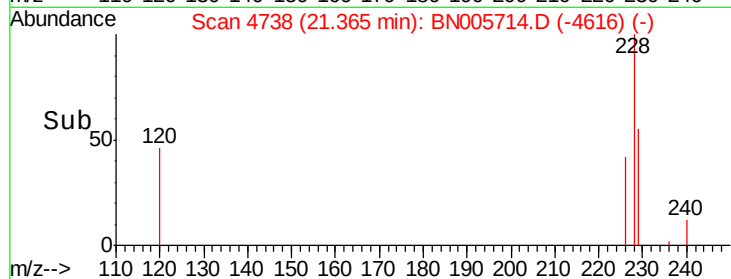
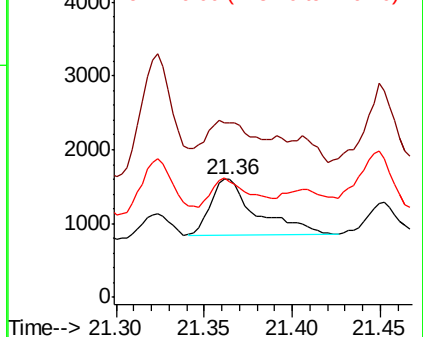


Abundance

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: 3.828 ng/ul

RT: 21.36 min Scan# 4738

Delta R.T. 0.11 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

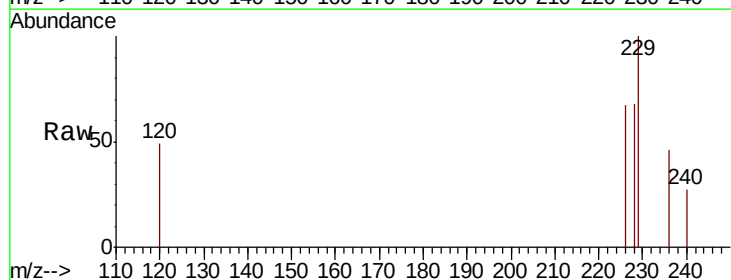
Tgt Ion:228 Resp: 1410

Ion Ratio Lower Upper

228 100

226 98.2 23.2 34.8#

229 147.6 16.0 24.0#

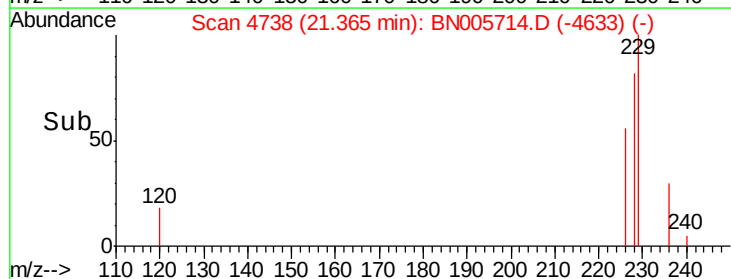
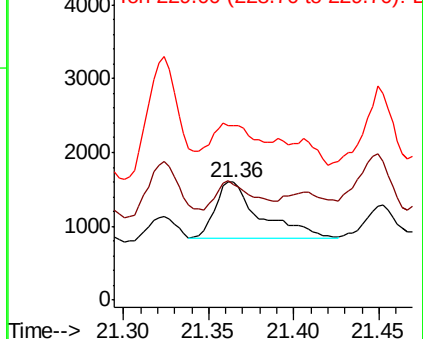


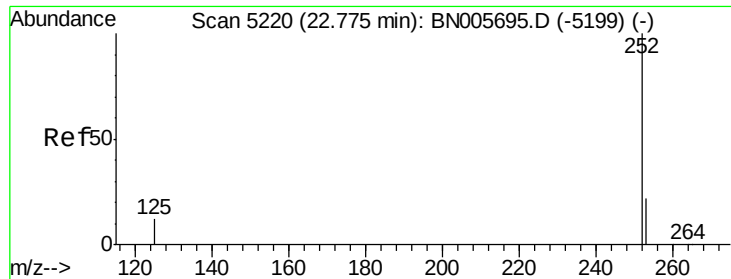
Abundance

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: 1.131 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.28 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

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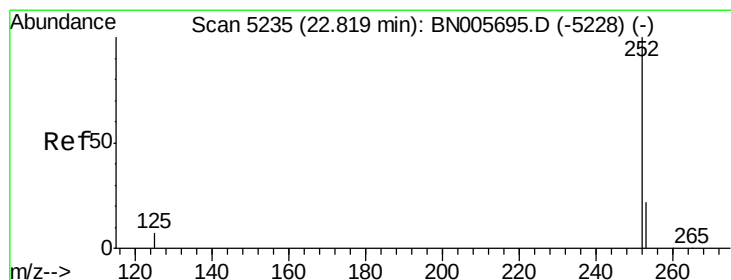
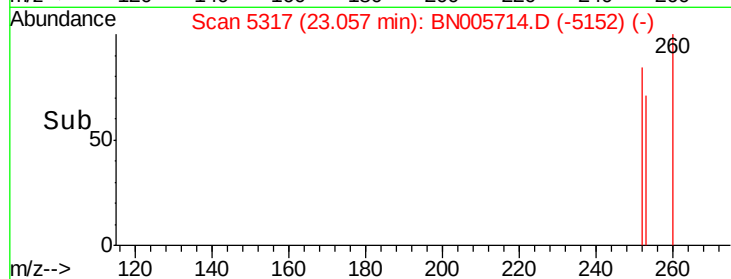
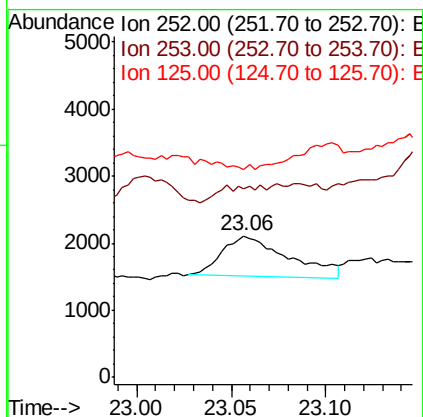
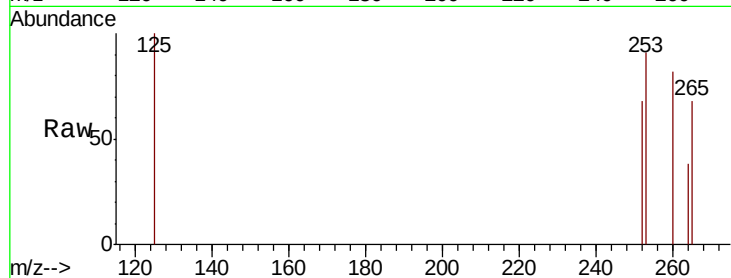
Tgt Ion:252 Resp: 1452

Ion Ratio Lower Upper

252 100

253 133.8 0.0 47.6#

125 146.9 0.0 20.8#



#22

Benzo(k)fluoranthene

Concen: 0.945 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.24 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

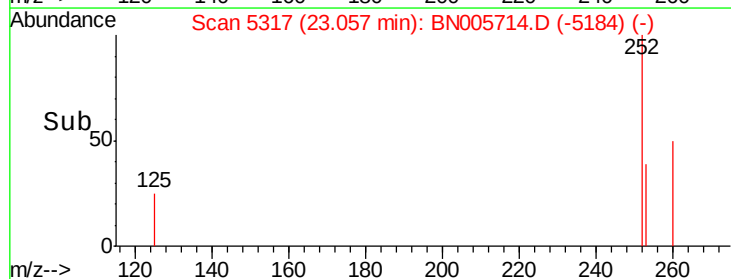
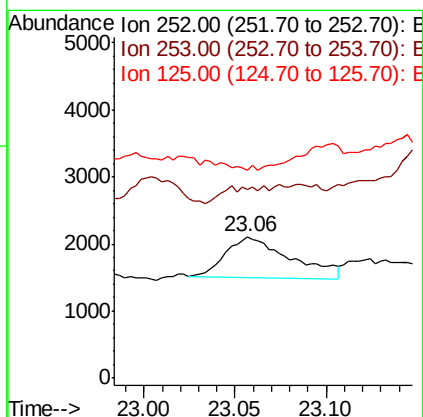
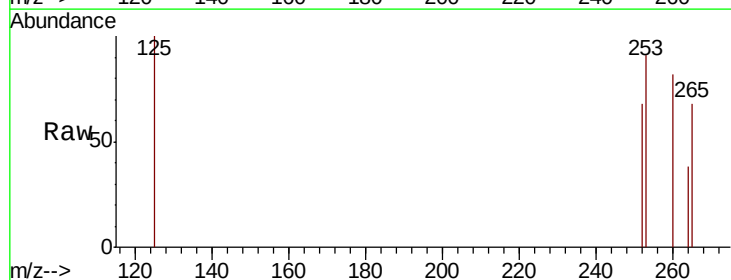
Tgt Ion:252 Resp: 1521

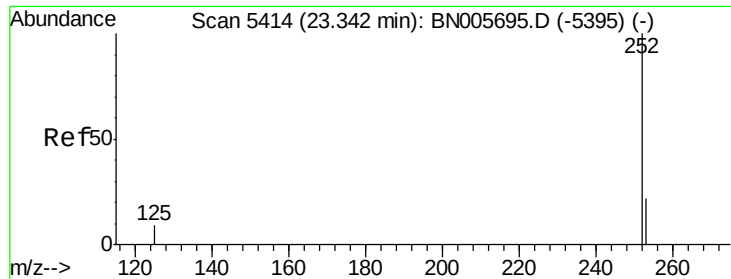
Ion Ratio Lower Upper

252 100

253 133.8 18.8 28.2#

125 146.9 7.6 11.4#





#23

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.60 min Scan# 5503

Delta R.T. 0.26 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

Instrument :

BNA_N

ClientSampleId :

A5153

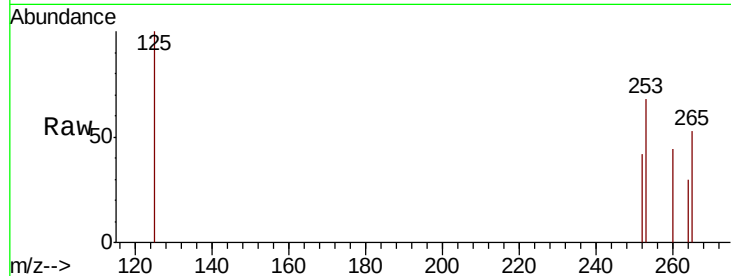
Tgt Ion: 252 Resp: 45

Ion Ratio Lower Upper

252 100

253 163.5 19.6 29.4#

125 240.3 10.1 15.1#

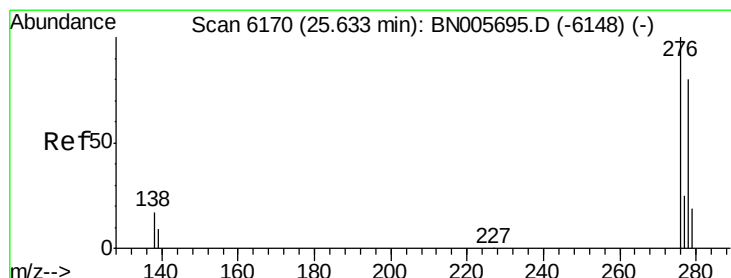
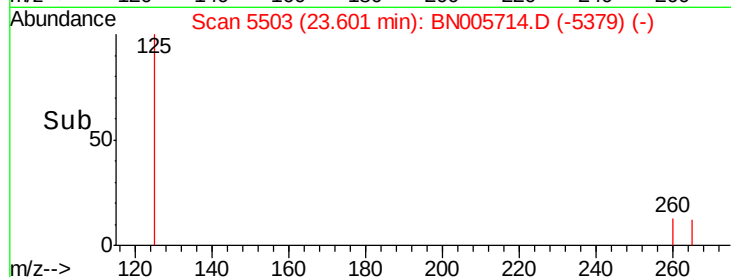
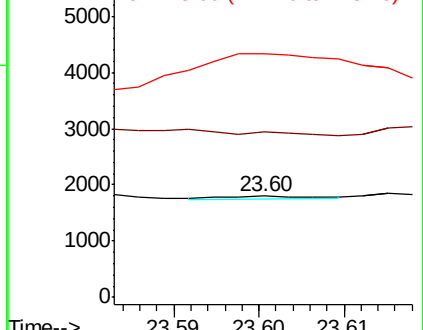


Abundance

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: 0.474 ng/ul

RT: 25.85 min Scan# 6234

Delta R.T. 0.21 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

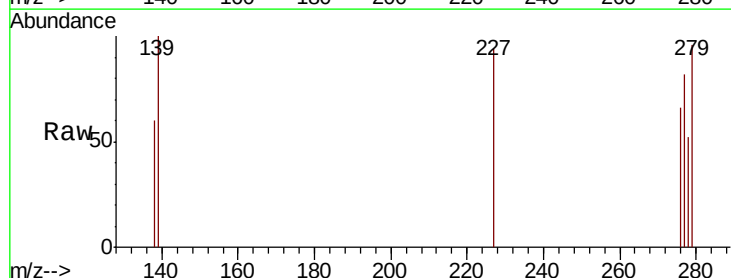
Tgt Ion: 276 Resp: 760

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.8#

227 0.0 0.1 0.1#

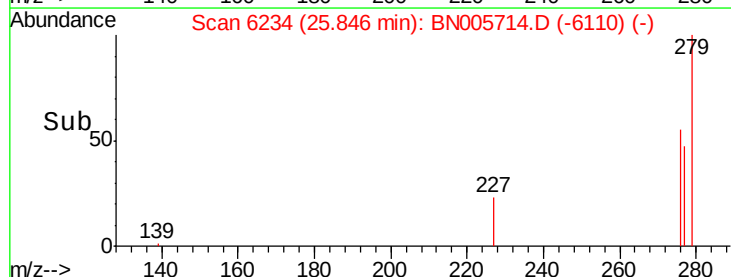
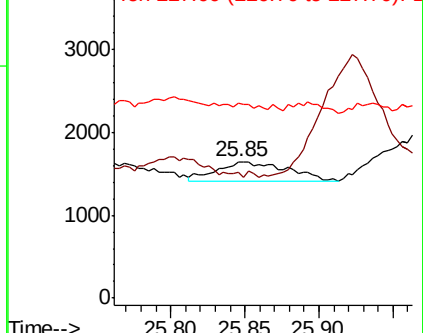


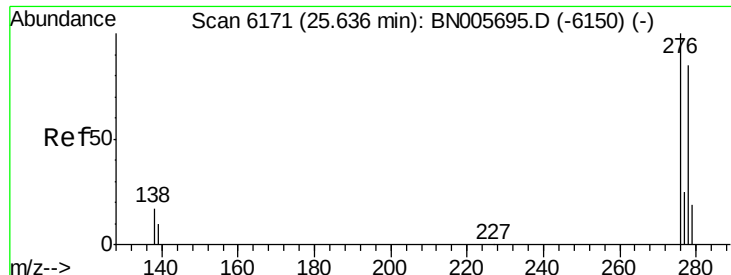
Abundance

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: 0.994 ng/ul

RT: 25.88 min Scan# 6245

Delta R.T. 0.24 min

Lab File: BN005714.D

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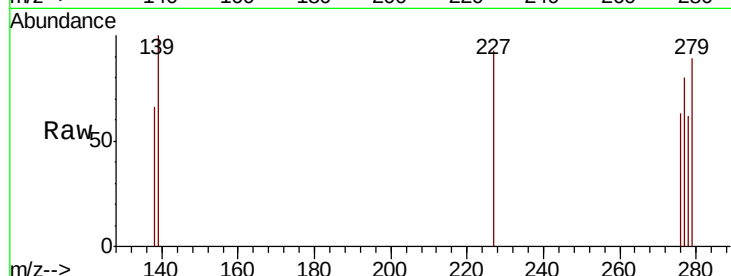
Tgt Ion:278 Resp: 1318

Ion Ratio Lower Upper

278 100

139 160.6 12.4 18.6#

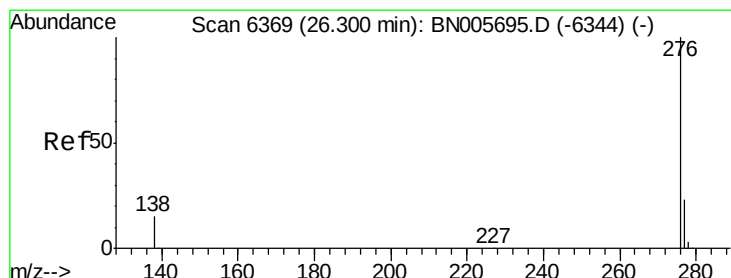
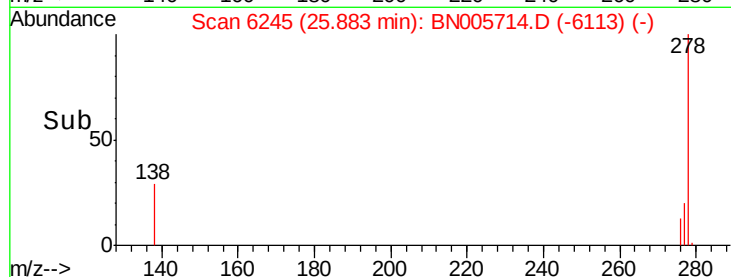
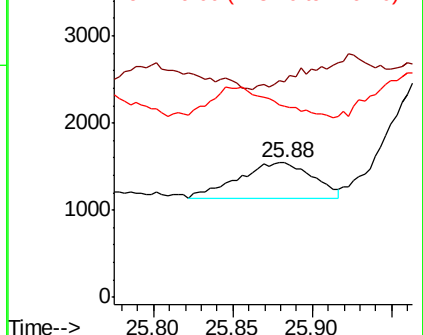
279 142.2 21.0 31.4#



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: 0.147 ng/ul

RT: 26.56 min Scan# 6448

Delta R.T. 0.26 min

Lab File: BN005714.D

Acq: 16 May 2019 22:02

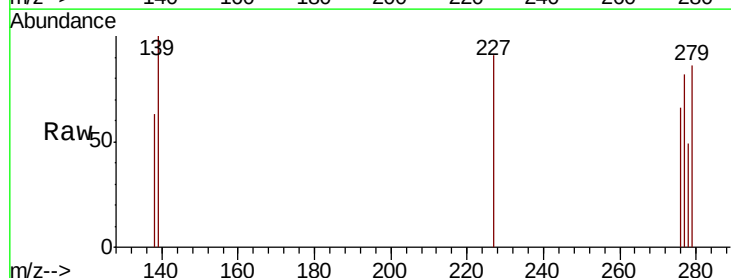
Tgt Ion:276 Resp: 201

Ion Ratio Lower Upper

276 100

138 96.0 15.6 23.4#

277 124.8 20.6 31.0#



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

