

Data File : BN008209.D
Acq On : 16 Oct 2019 21:32
Operator : JU
Sample : K5124-19 DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 17 01:53:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3178	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15156	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9756	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.20	240	16446	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13007	0.40	ng/ul	0.00

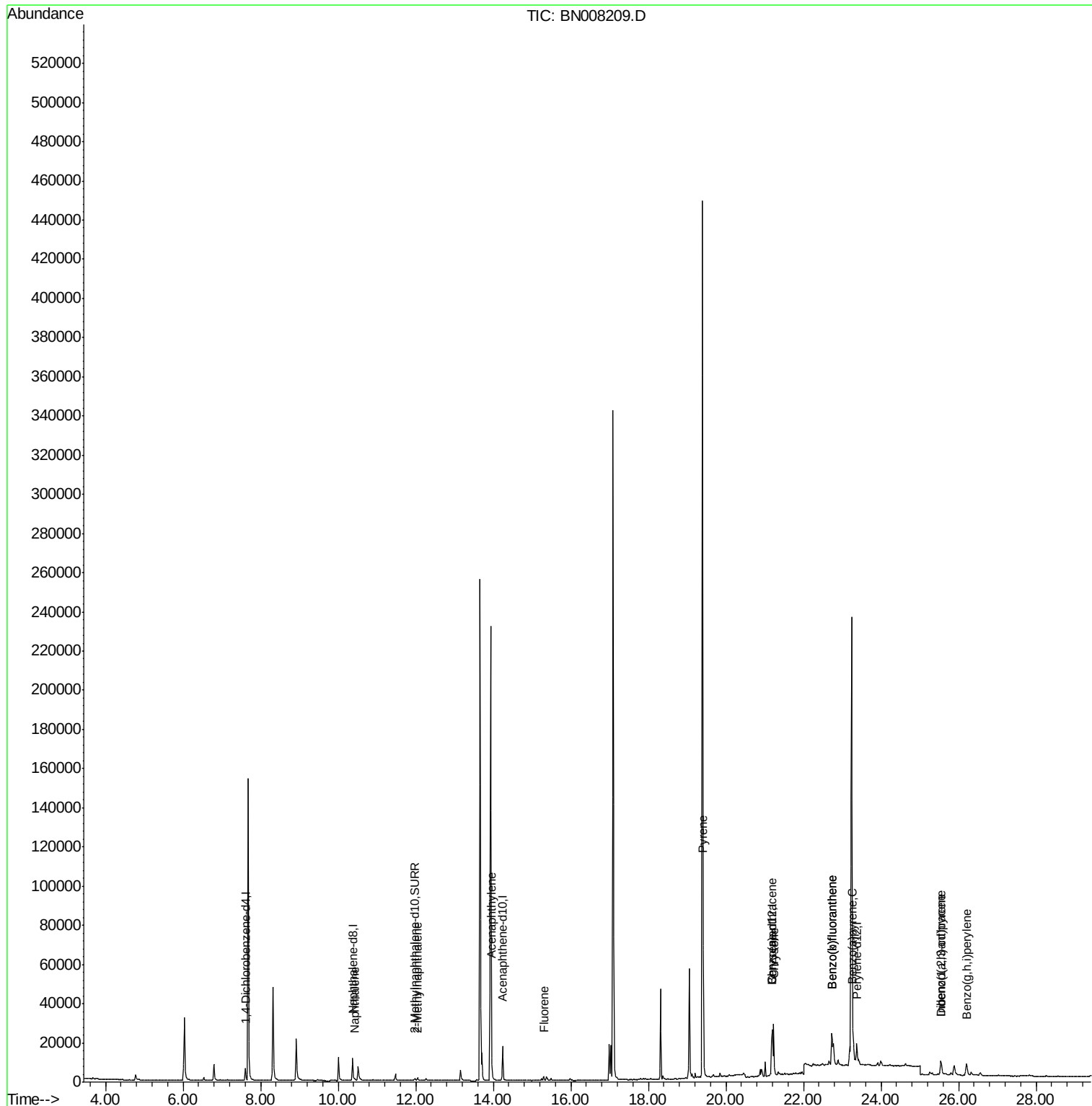
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1942	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	5511	0.00	ng/ul	0.00

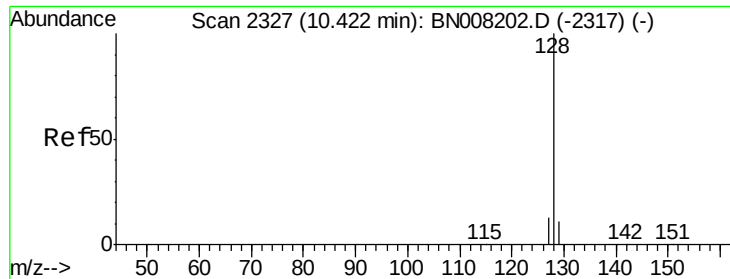
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	1506	0.035	ng/ul#	86
5) 2-Methylnaphthalene	12.04	142	1045	0.035	ng/ul	98
7) Acenaphthylene	13.96	152	4956	0.107	ng/ul	97
9) Fluorene	15.30	166	1147	0.028	ng/ul#	90
17) Pyrene	19.42	202	47051	0.719	ng/ul	98
18) Benzo(a)anthracene	21.18	228	16283	0.272	ng/ul#	90
19) Chrysene	21.23	228	27294	0.372	ng/ul#	95
21) Benzo(b)fluoranthene	22.73	252	34890	0.824	ng/ul#	71
22) Benzo(k)fluoranthene	22.73	252	34890	0.727	ng/ul#	71
23) Benzo(a)pyrene	23.28	252	15082	0.338	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.54	276	12471	0.238	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.55	278	2672	0.064	ng/ul#	14
26) Benzo(g,h,i)perylene	26.20	276	12102	0.251	ng/ul#	86

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

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#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

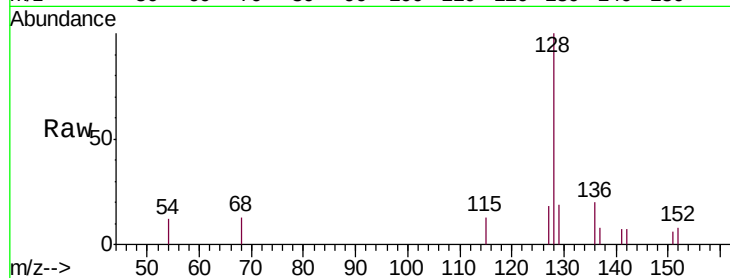
Tgt Ion:128 Resp: 1506

Ion Ratio Lower Upper

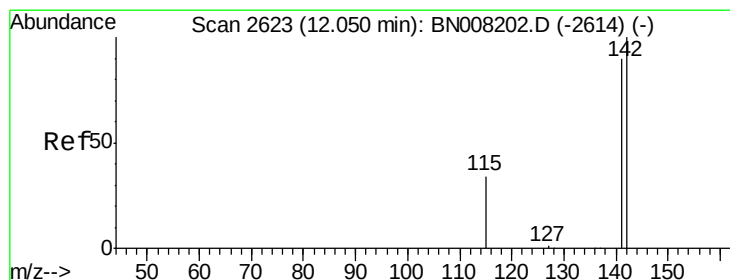
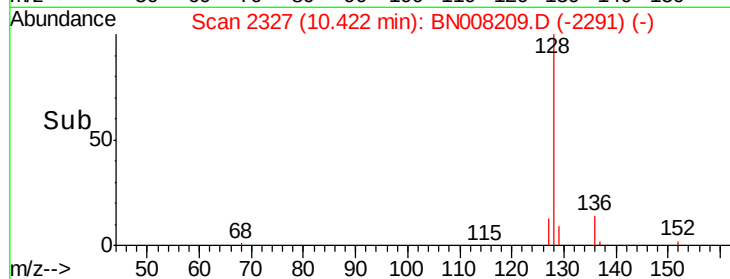
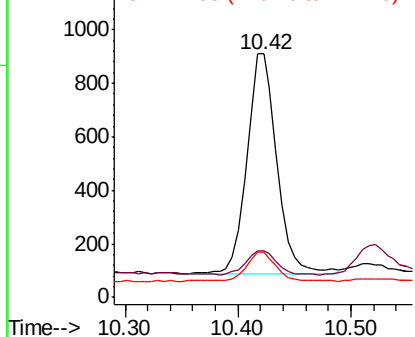
128 100

129 19.0 9.8 14.8#

127 18.5 11.1 16.7#



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: 0.035 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008209.D

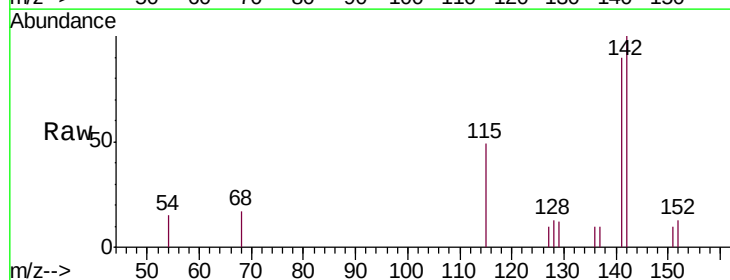
Acq: 16 Oct 2019 21:32

Tgt Ion:142 Resp: 1045

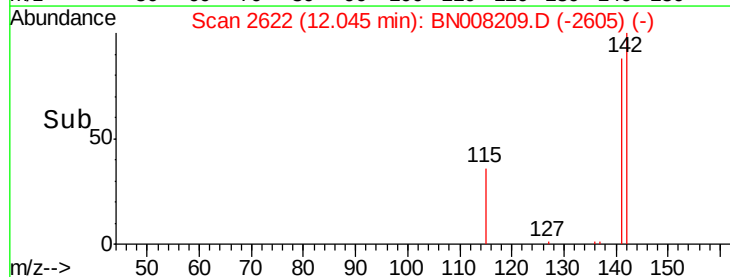
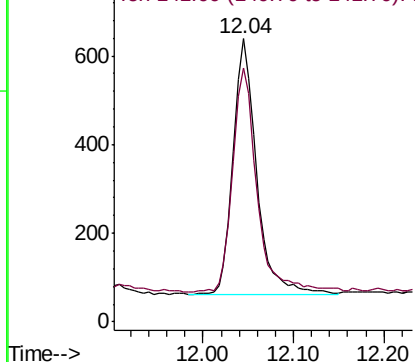
Ion Ratio Lower Upper

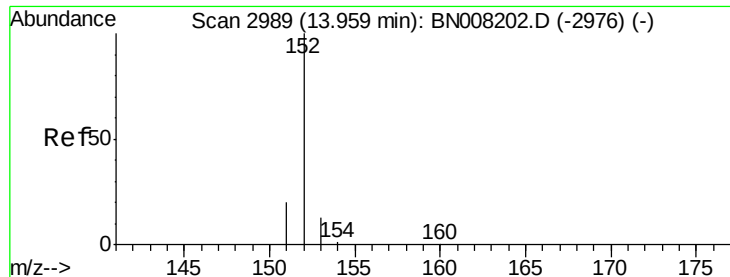
142 100

141 87.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.107 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

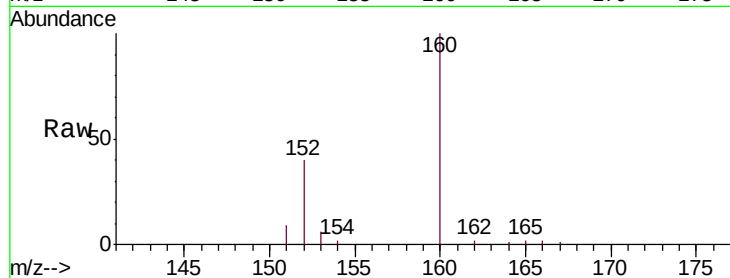
Tgt Ion: 152 Resp: 4956

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

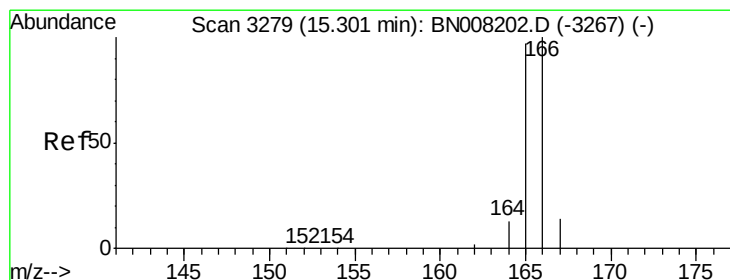
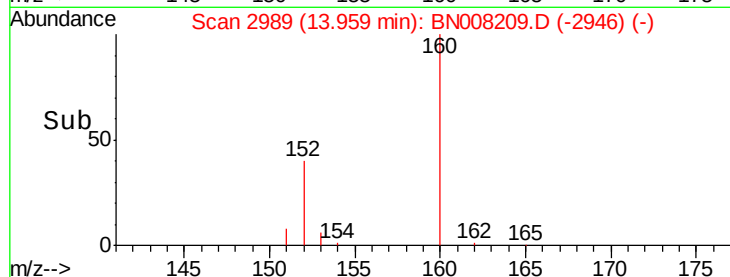
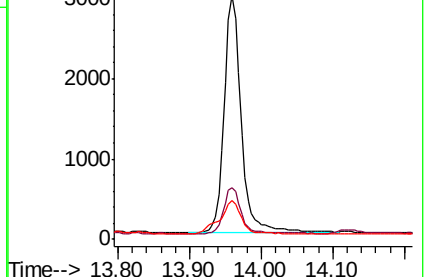
153 15.8 11.0 16.4



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



#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

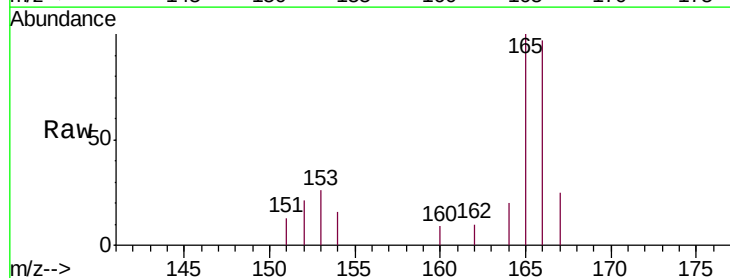
Tgt Ion: 166 Resp: 1147

Ion Ratio Lower Upper

166 100

165 103.6 76.6 115.0

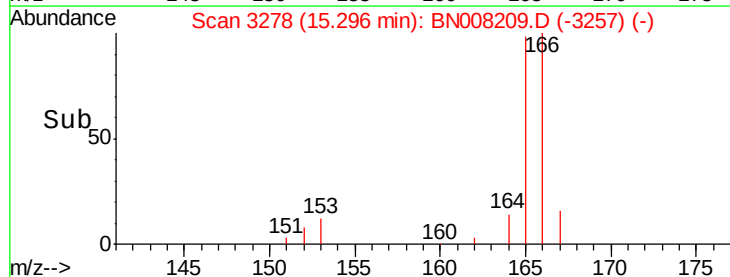
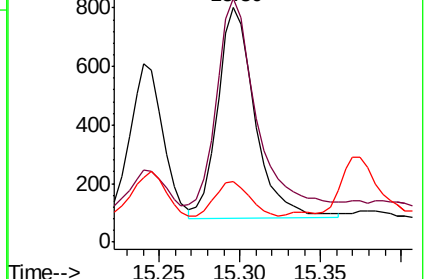
167 25.7 11.7 17.5

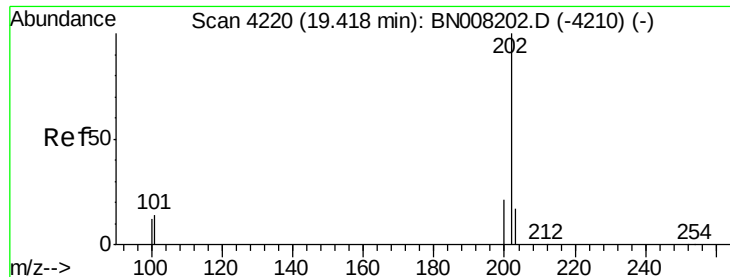


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

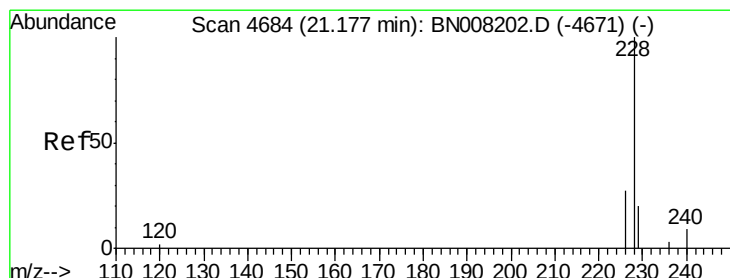
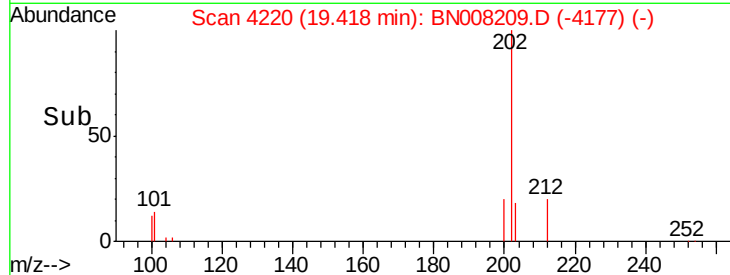
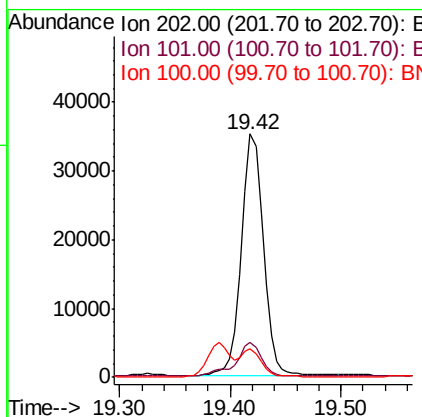
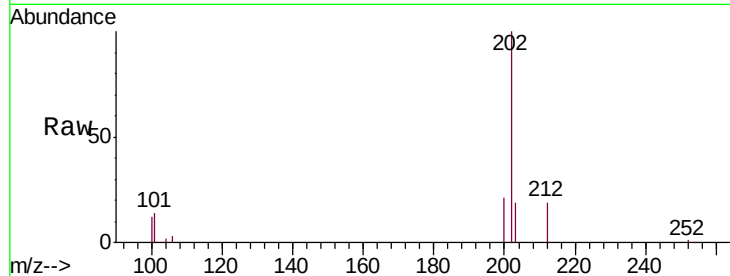
Ion 167.00 (166.70 to 167.70): E





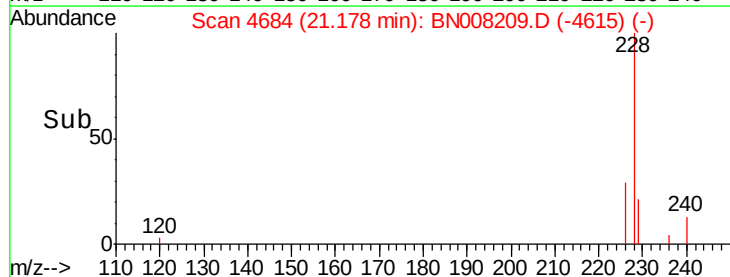
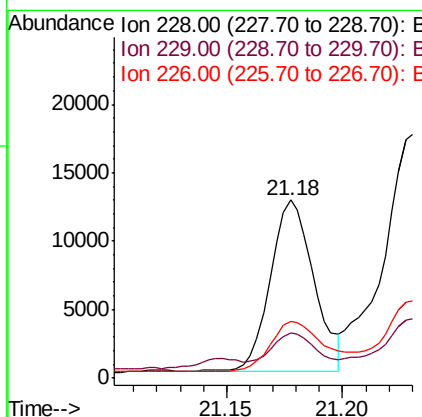
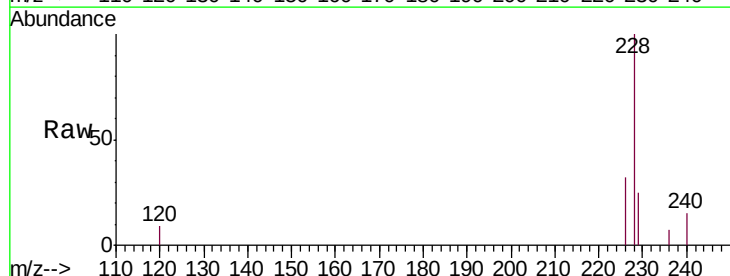
#17
 Pyrene
 Concen: 0.719 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008209.D
 Acq: 16 Oct 2019 21:32

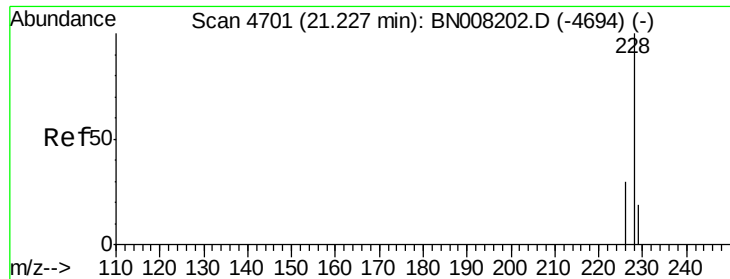
Tgt Ion: 202 Resp: 47051
 Ion Ratio Lower Upper
 202 100
 101 14.1 10.9 16.3
 100 11.9 8.7 13.1



#18
 Benzo(a)anthracene
 Concen: 0.272 ng/ul
 RT: 21.18 min Scan# 4684
 Delta R.T. 0.00 min
 Lab File: BN008209.D
 Acq: 16 Oct 2019 21:32

Tgt Ion: 228 Resp: 16283
 Ion Ratio Lower Upper
 228 100
 229 25.4 16.2 24.2#
 226 31.7 21.4 32.0





#19

Chrysene

Concen: 0.372 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

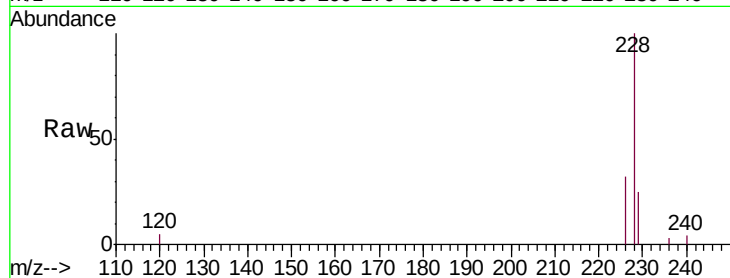
Tgt Ion: 228 Resp: 27294

Ion Ratio Lower Upper

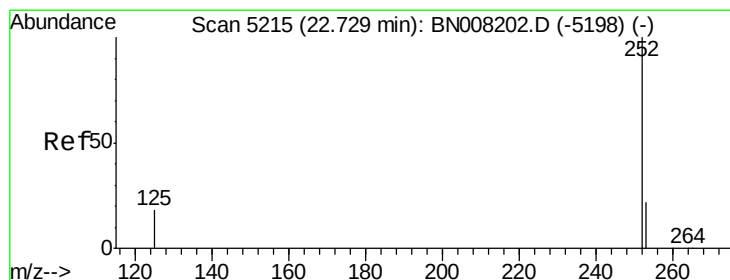
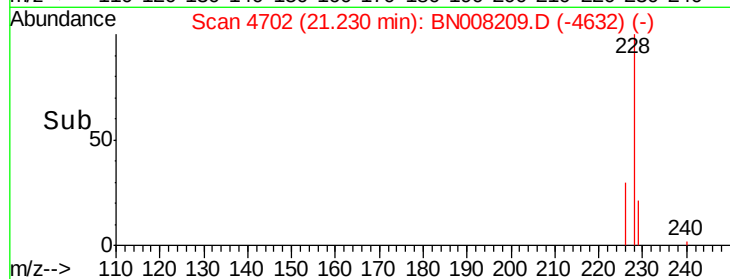
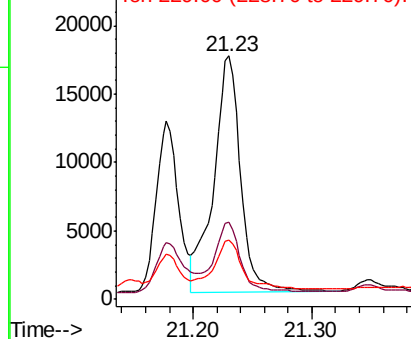
228 100

226 31.6 24.1 36.1

229 24.5 16.2 24.2#



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: 0.824 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

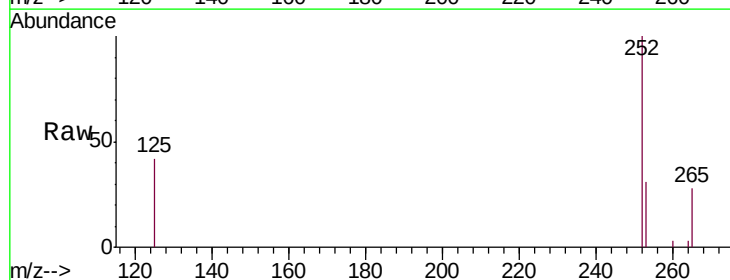
Tgt Ion: 252 Resp: 34890

Ion Ratio Lower Upper

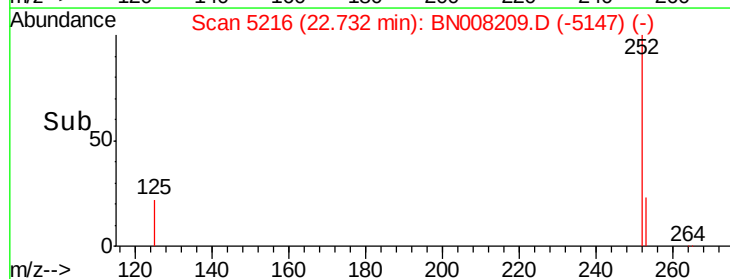
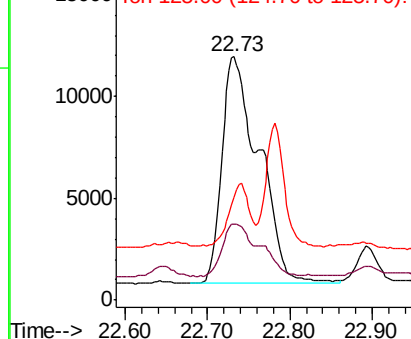
252 100

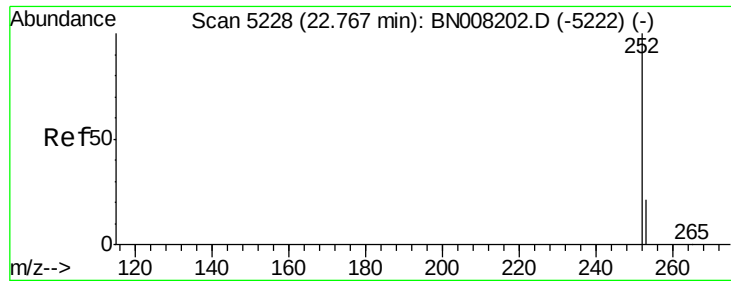
253 31.3 0.0 53.4

125 42.3 0.0 32.4#



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: 0.727 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.03 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

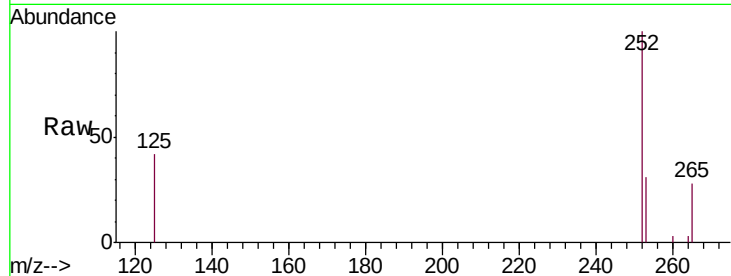
Tgt Ion: 252 Resp: 34890

Ion Ratio Lower Upper

252 100

253 31.3 21.3 31.9

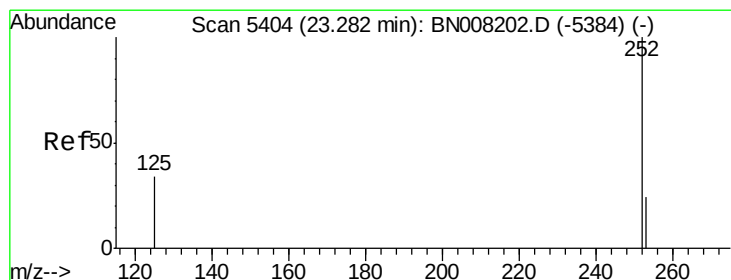
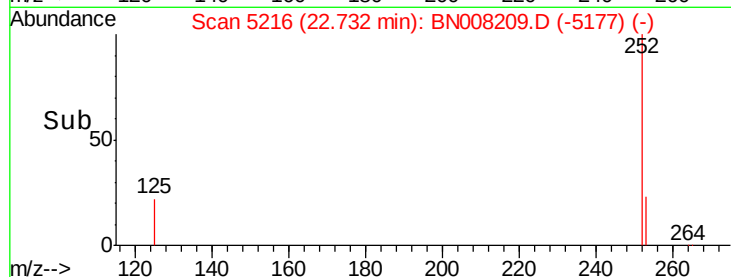
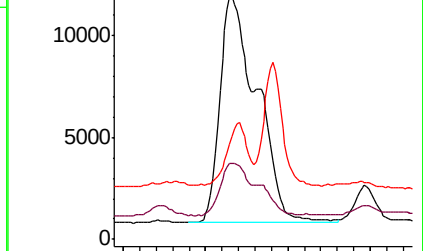
125 42.3 12.3 18.5#



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: 0.338 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

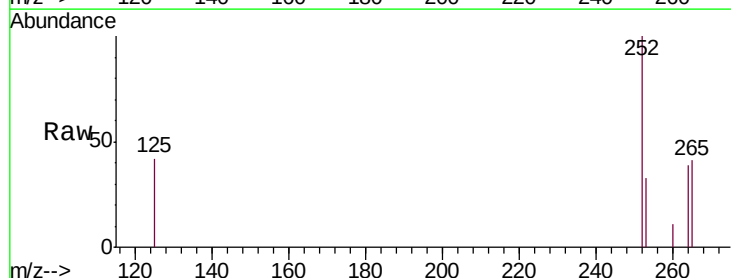
Tgt Ion: 252 Resp: 15082

Ion Ratio Lower Upper

252 100

253 32.9 22.8 34.2

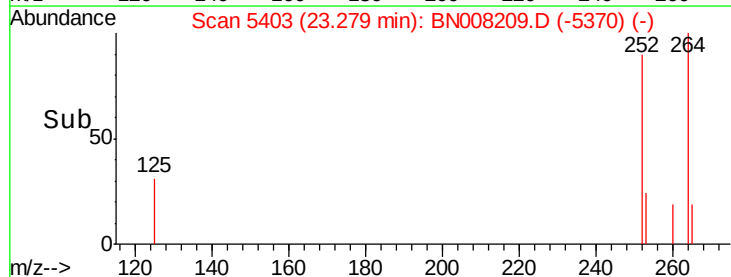
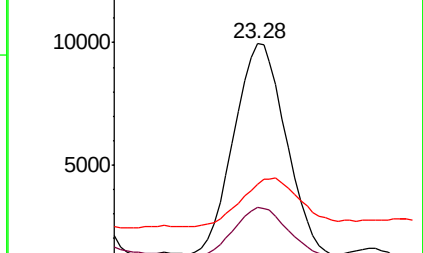
125 42.3 18.4 27.6#

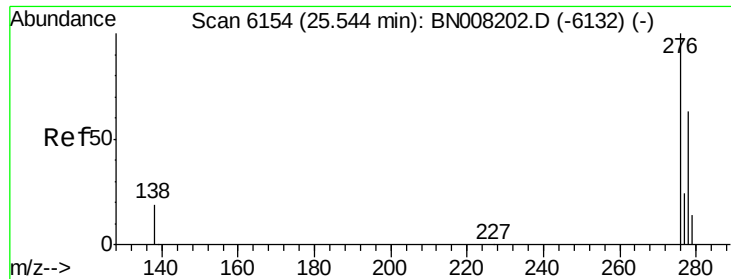


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

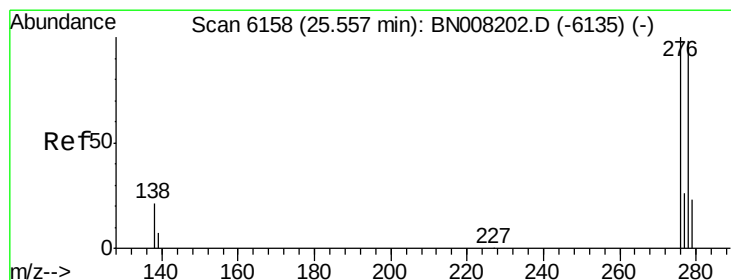
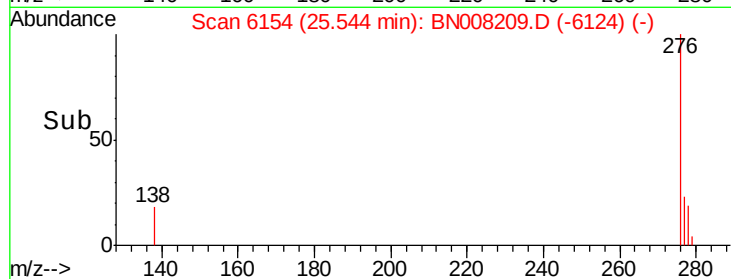
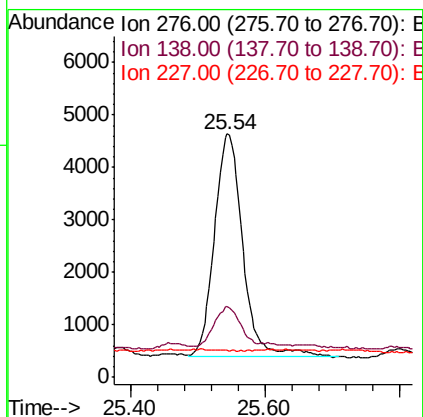
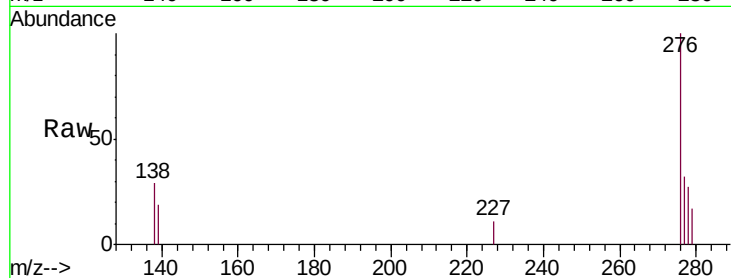
Ion 125.00 (124.70 to 125.70): E





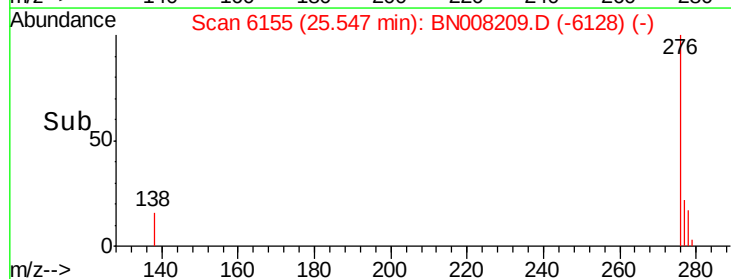
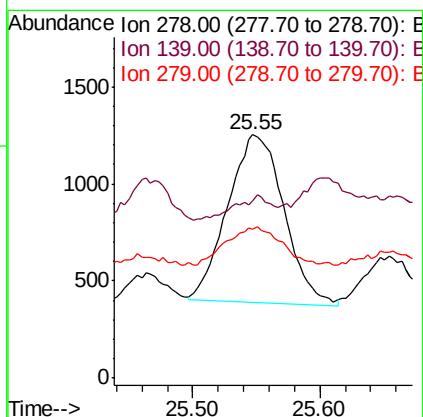
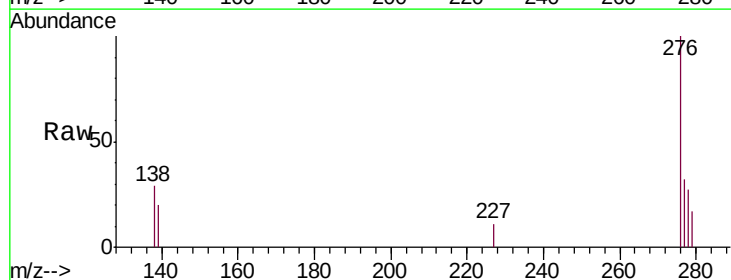
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.238 ng/ul
 RT: 25.54 min Scan# 6154
 Delta R.T. 0.00 min
 Lab File: BN008209.D
 Acq: 16 Oct 2019 21:32

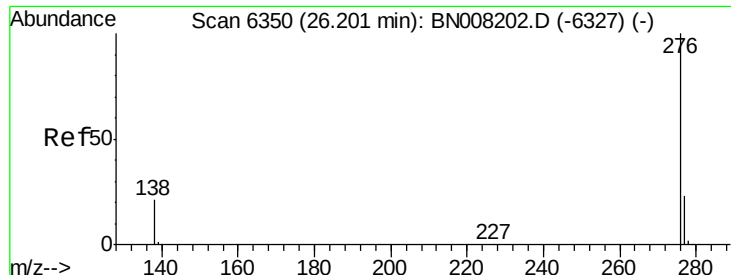
Tgt Ion: 276 Resp: 12471
 Ion Ratio Lower Upper
 276 100
 138 19.8 16.1 24.1
 227 0.1 0.2 0.2#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.064 ng/ul
 RT: 25.55 min Scan# 6155
 Delta R.T. -0.01 min
 Lab File: BN008209.D
 Acq: 16 Oct 2019 21:32

Tgt Ion: 278 Resp: 2672
 Ion Ratio Lower Upper
 278 100
 139 72.7 15.0 22.6#
 279 61.3 22.4 33.6#





#26

Benzo(g,h,i)perylene

Concen: 0.251 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. 0.00 min

Lab File: BN008209.D

Acq: 16 Oct 2019 21:32

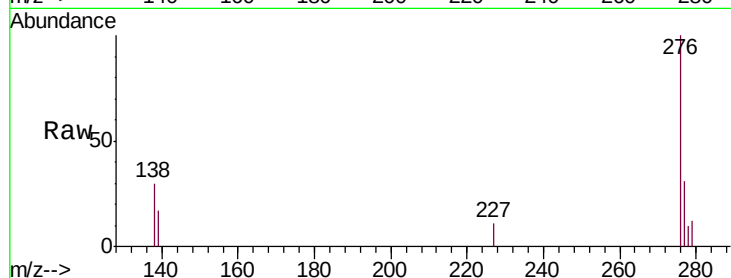
Tgt Ion: 276 Resp: 12102

Ion Ratio Lower Upper

276 100

138 29.9 17.0 25.4#

277 30.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

6000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

