

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008189.D
 Acq On : 16 Oct 2019 00:36
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:57 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 : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

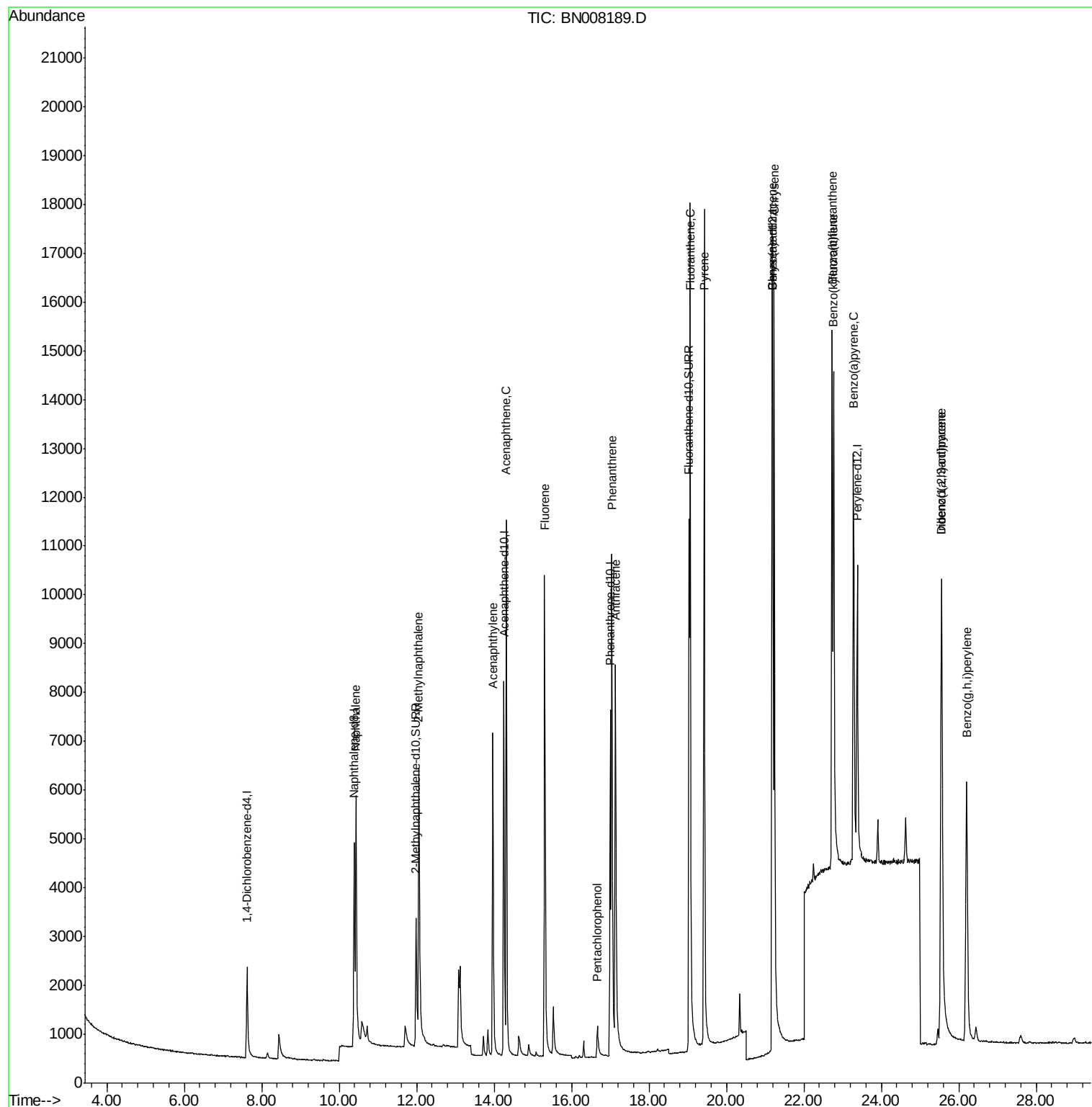
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	7182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	4914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10538	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	10128	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	8353	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5152	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	14843	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	8796	0.430	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	6106	0.435	ng/ul	99
7) Acenaphthylene	13.97	152	9418	0.402	ng/ul	100
8) Acenaphthene	14.31	153	7436	0.409	ng/ul	98
9) Fluorene	15.31	166	8250	0.399	ng/ul	97
11) Pentachlorophenol	16.67	266	826	0.324	ng/ul	100
12) Phenanthrene	17.04	178	13454	0.436	ng/ul	99
13) Anthracene	17.13	178	11995	0.442	ng/ul	100
15) Fluoranthene	19.06	202	17077	0.419	ng/ul	95
17) Pyrene	19.43	202	18127	0.450	ng/ul	100
18) Benzo(a)anthracene	21.18	228	15424	0.419	ng/ul	99
19) Chrysene	21.23	228	19003	0.421	ng/ul	100
21) Benzo(b)fluoranthene	22.73	252	14344	0.528	ng/ul	97
22) Benzo(k)fluoranthene	22.77	252	15743	0.511	ng/ul	99
23) Benzo(a)pyrene	23.28	252	13782	0.482	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.55	276	14114	0.419	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.56	278	11287	0.424	ng/ul	98
26) Benzo(g,h,i)perylene	26.20	276	12463	0.403	ng/ul	98

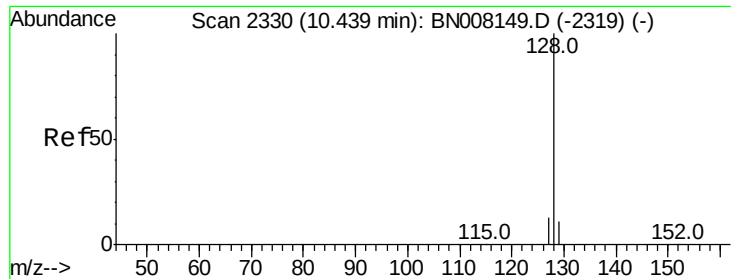
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

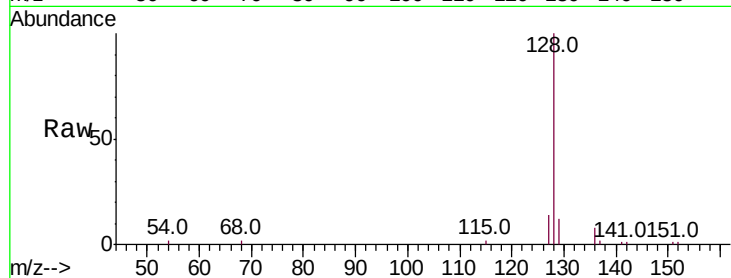
Tot Ion:128 Resp: 8796

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

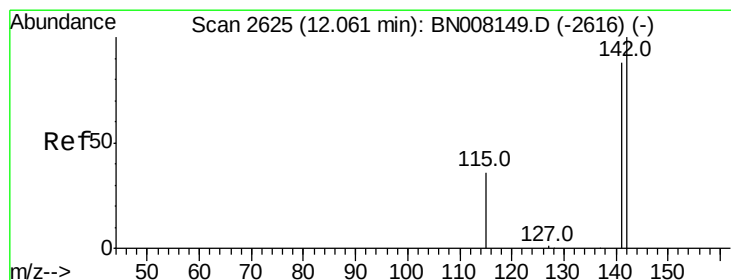
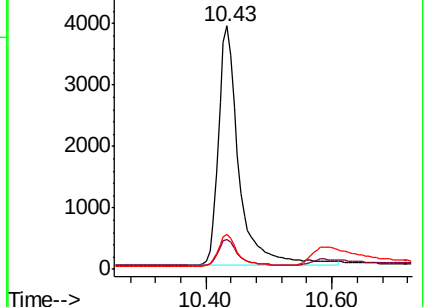
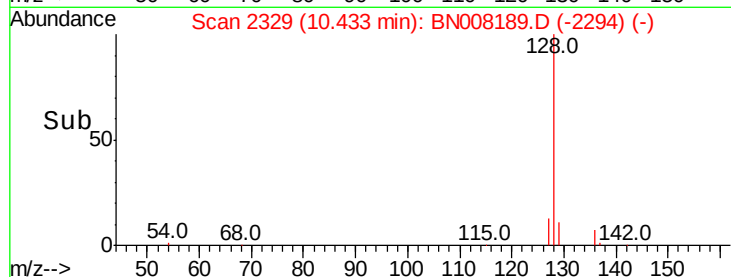
127 14.1 11.1 16.7



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: 0.435 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008189.D

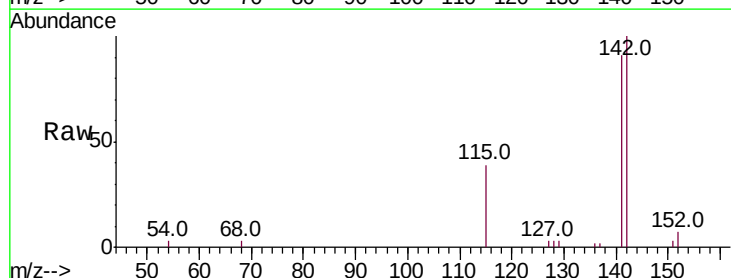
Acq: 16 Oct 2019 00:36

Tgt Ion:142 Resp: 6106

Ion Ratio Lower Upper

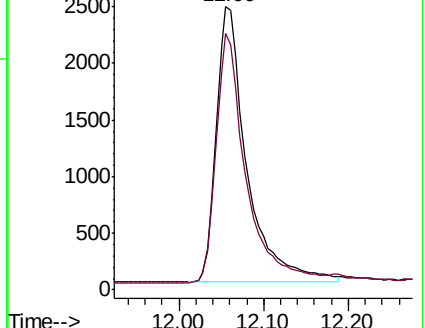
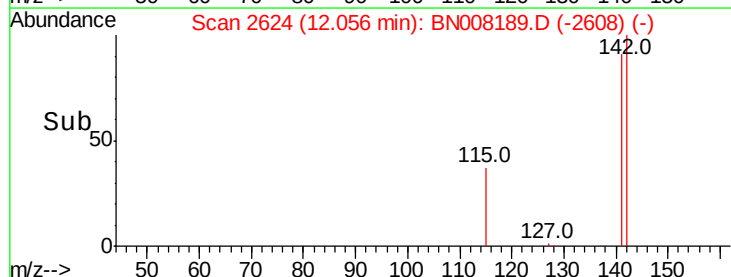
142 100

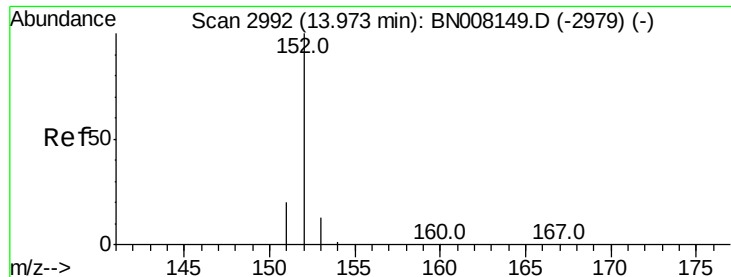
141 89.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

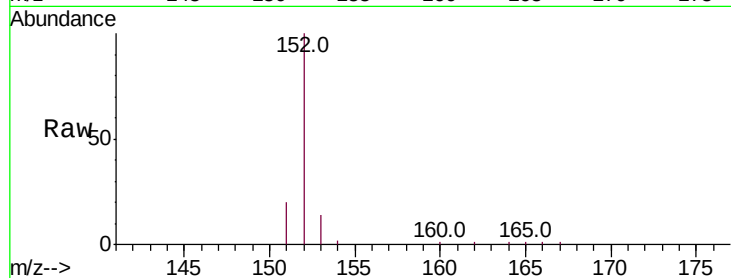
Tot Ion:152 Resp: 9418

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

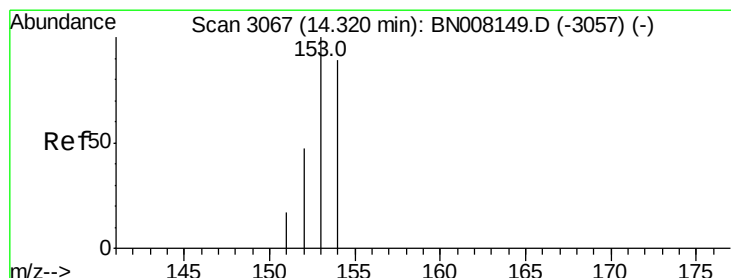
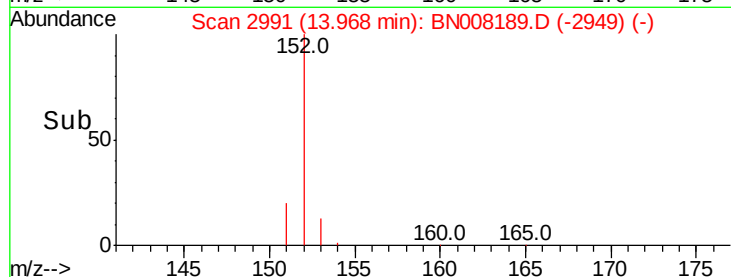
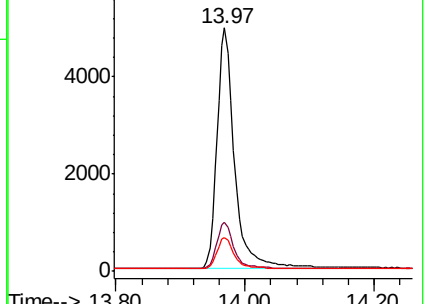
153 14.0 11.0 16.4



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



#8

Acenaphthene

Concen: 0.409 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

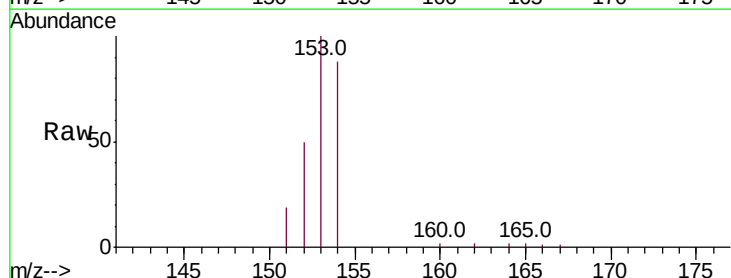
Tgt Ion:153 Resp: 7436

Ion Ratio Lower Upper

153 100

152 49.6 38.2 57.2

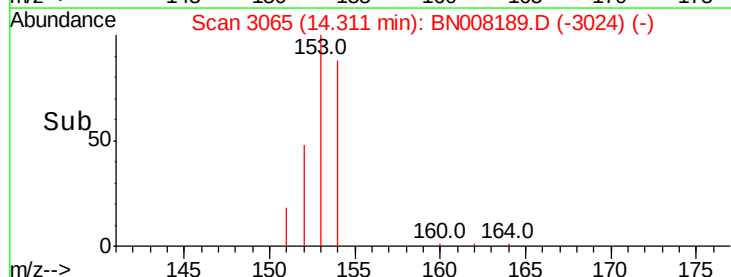
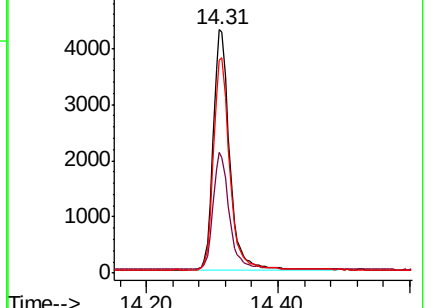
154 87.7 71.8 107.8

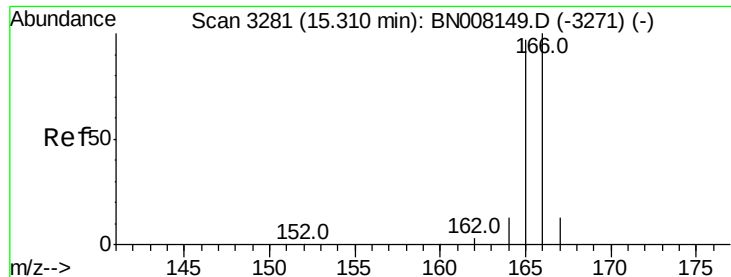


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

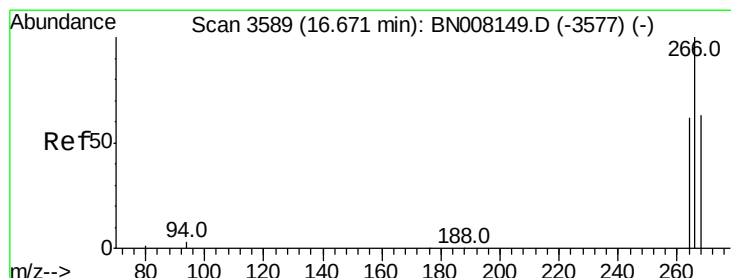
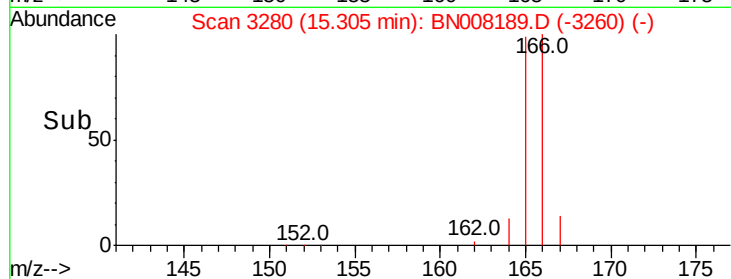
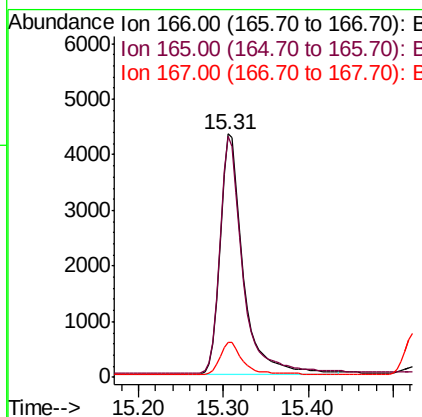
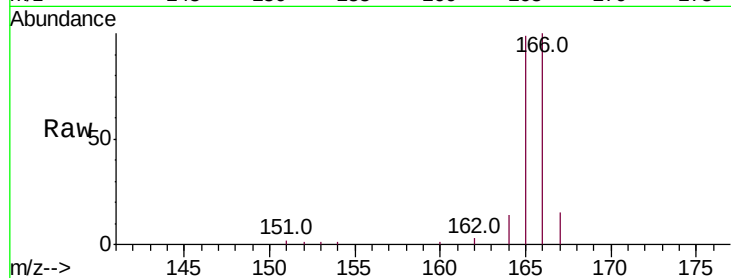




#9
Fluorene
 Concen: 0.399 ng/ul
 RT: 15.31 min Scan# 3280
 Delta R.T. -0.01 min
 Lab File: BN008189.D
 Acq: 16 Oct 2019 00:36

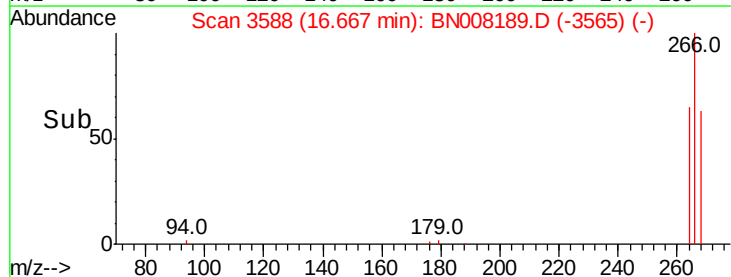
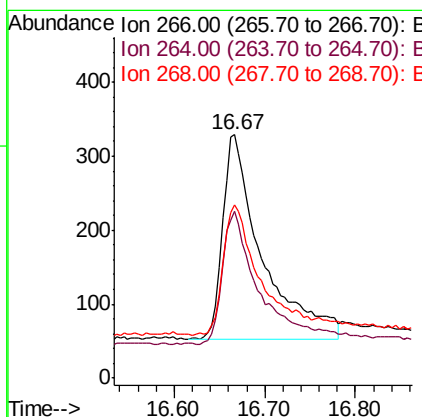
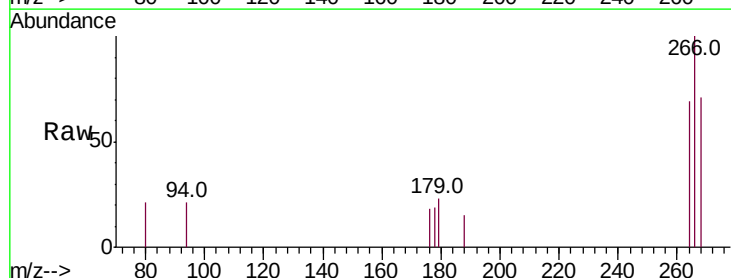
Instrument :
 BNA_N
 ClientSampleId :

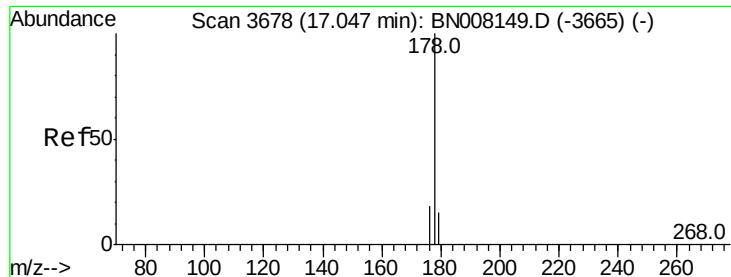
Tot Ion:166 Resp: 8250
 Ion Ratio Lower Upper
 166 100
 165 98.9 76.6 115.0
 167 14.5 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.324 ng/ul
 RT: 16.67 min Scan# 3588
 Delta R.T. -0.00 min
 Lab File: BN008189.D
 Acq: 16 Oct 2019 00:36

Tgt Ion:266 Resp: 826
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.1 75.1
 268 64.4 51.9 77.9





#12

Phenanthrene

Concen: 0.436 ng/ul

RT: 17.04 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

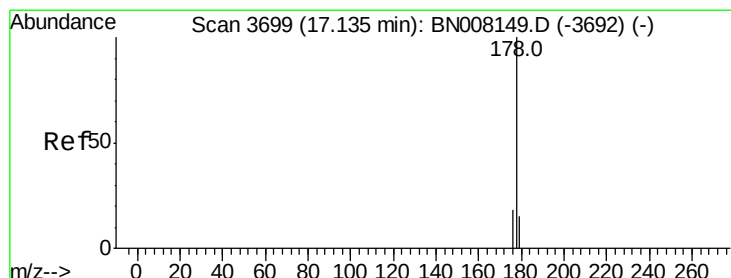
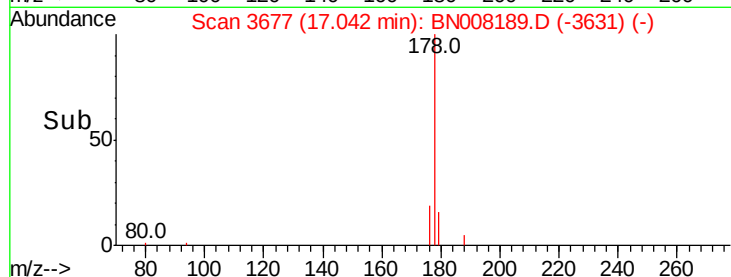
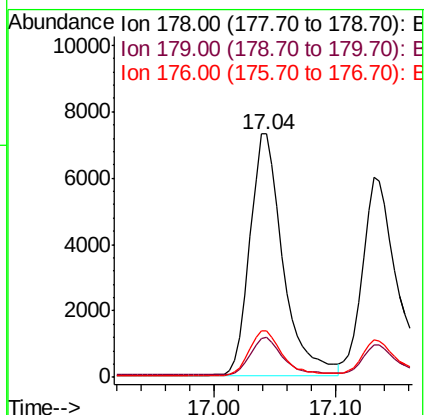
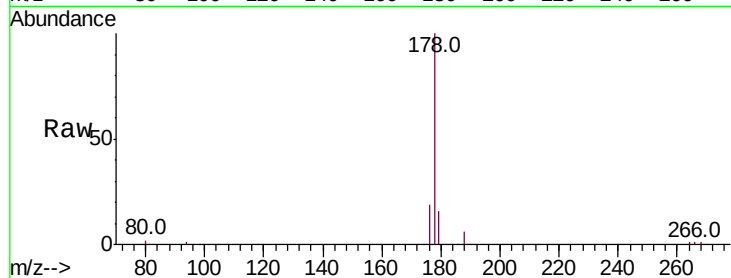
Tot Ion:178 Resp: 13454

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 19.2 15.4 23.2



#13

Anthracene

Concen: 0.442 ng/ul

RT: 17.13 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

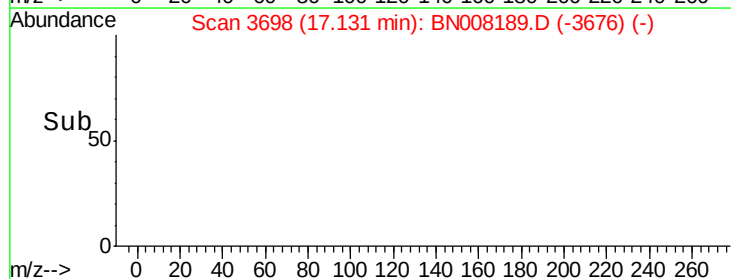
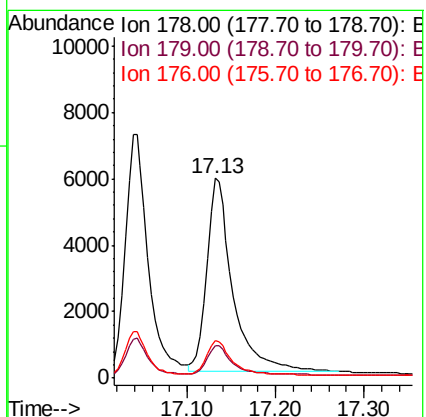
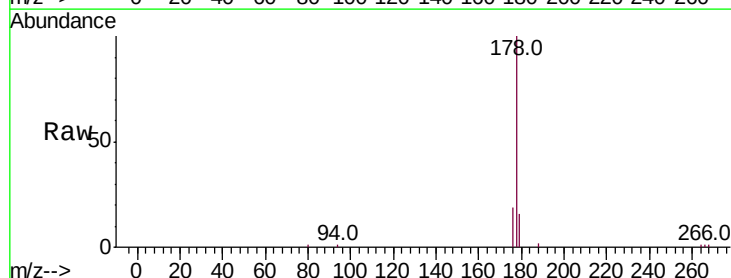
Tgt Ion:178 Resp: 11995

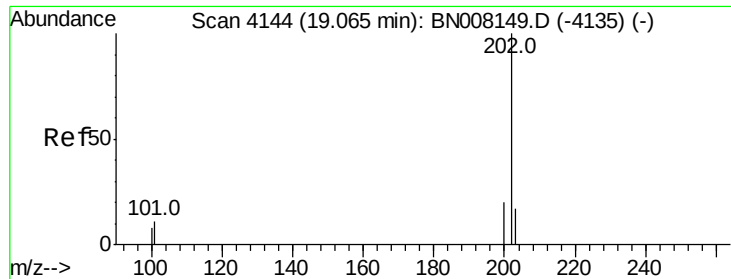
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 18.6 15.0 22.6





#15

Fluoranthene

Concen: 0.419 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

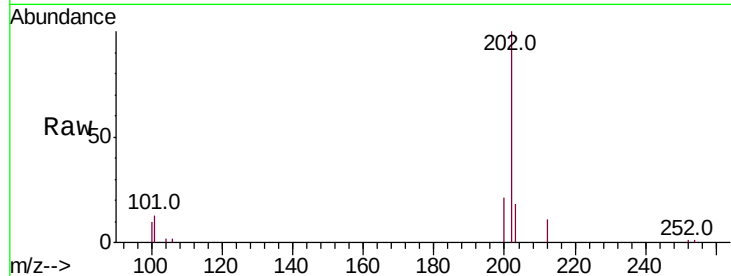
Tot Ion:202 Resp: 17077

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

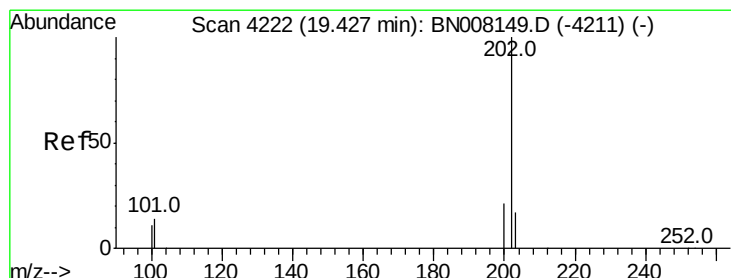
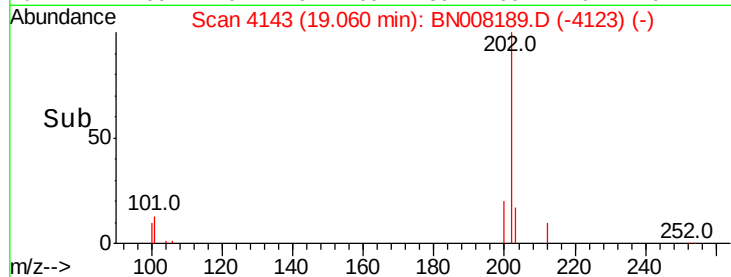
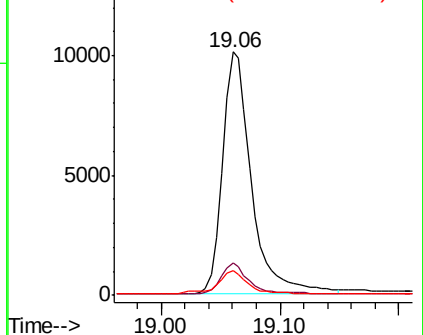
100 10.0 0.0 28.5



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: 0.450 ng/ul

RT: 19.43 min Scan# 4222

Delta R.T. -0.00 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

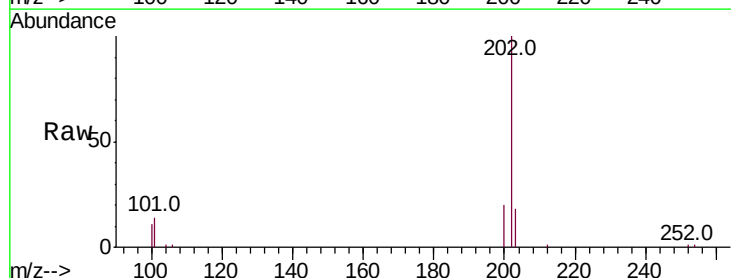
Tgt Ion:202 Resp: 18127

Ion Ratio Lower Upper

202 100

101 13.6 10.9 16.3

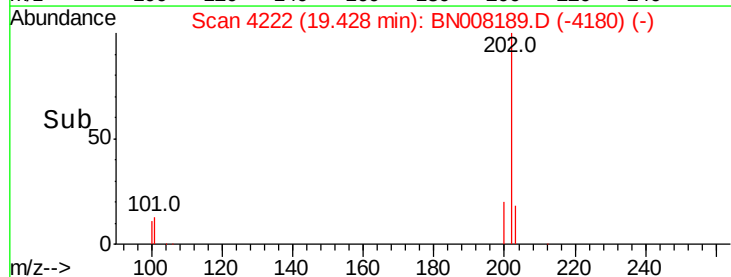
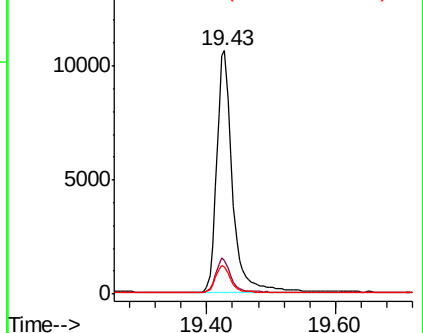
100 11.0 8.7 13.1

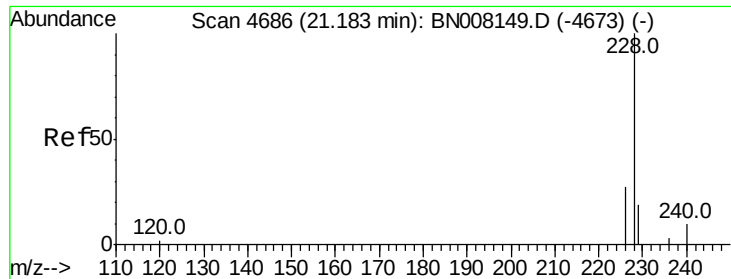


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.419 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

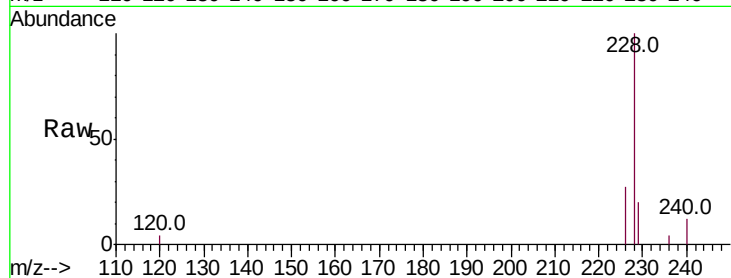
Tot Ion:228 Resp: 15424

Ion Ratio Lower Upper

228 100

229 20.0 16.2 24.2

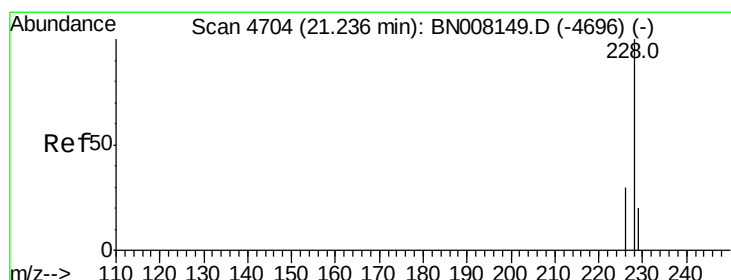
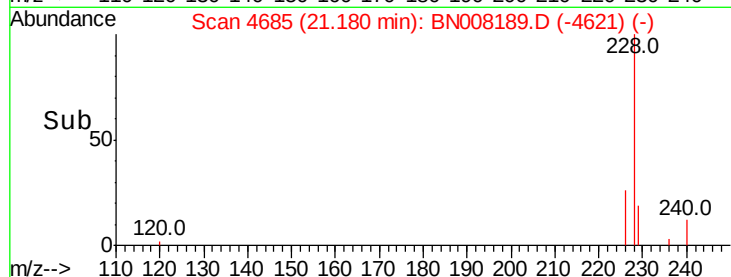
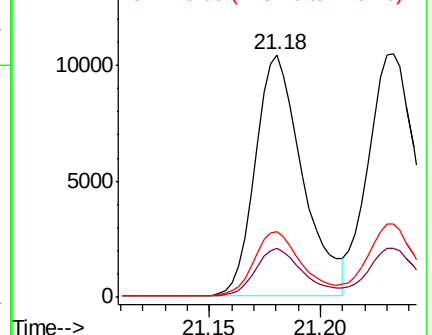
226 27.0 21.4 32.0



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: 0.421 ng/ul

RT: 21.23 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

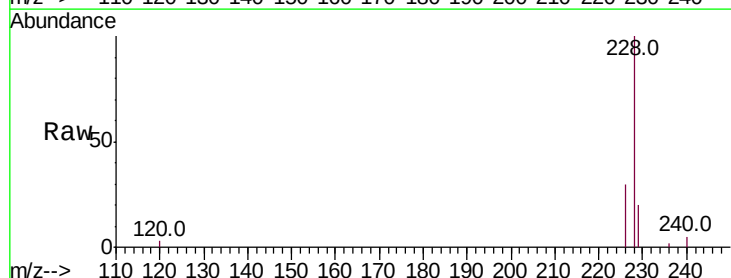
Tgt Ion:228 Resp: 19003

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

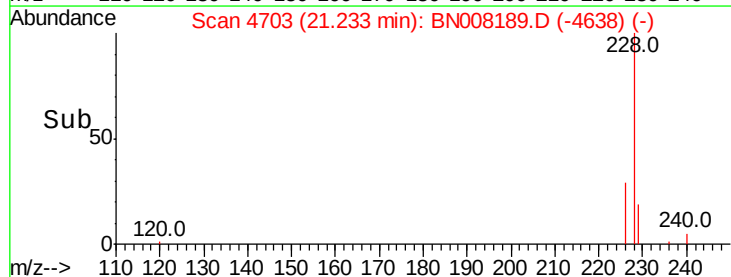
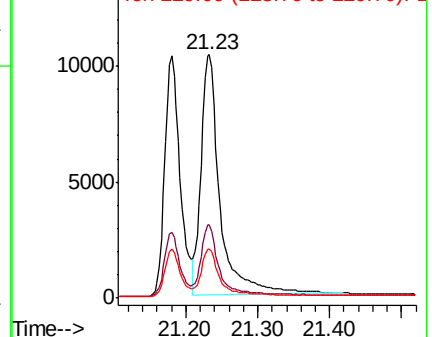
229 20.0 16.2 24.2

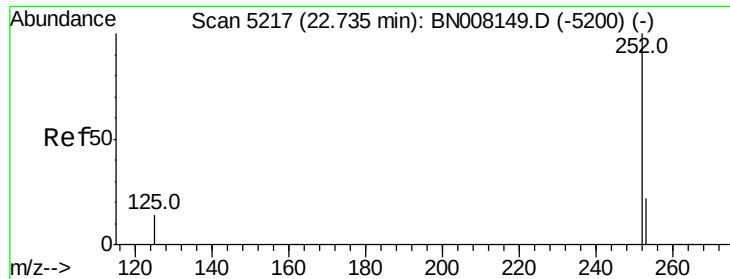


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.528 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

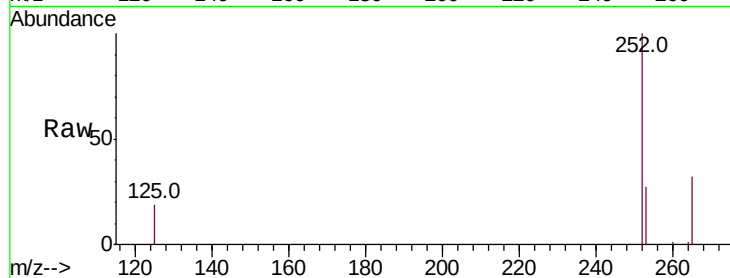
Tot Ion:252 Resp: 14344

Ion Ratio Lower Upper

252 100

253 27.2 0.0 53.4

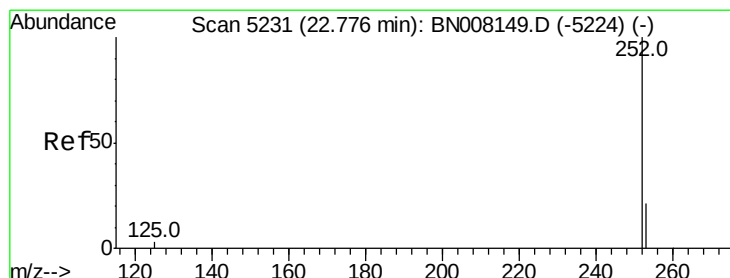
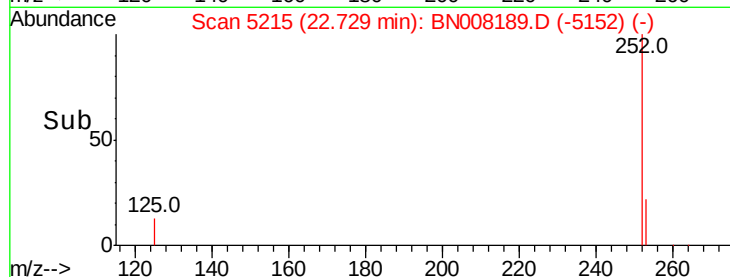
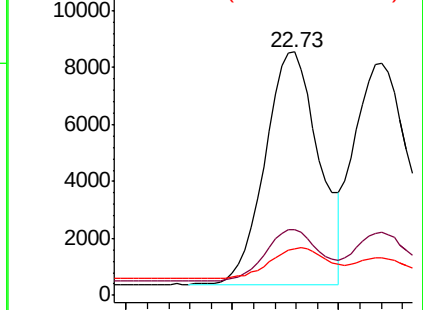
125 19.3 0.0 32.4



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: 0.511 ng/ul

RT: 22.77 min Scan# 5229

Delta R.T. -0.01 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

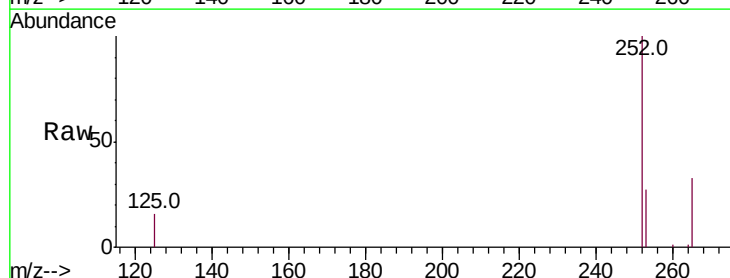
Tgt Ion:252 Resp: 15743

Ion Ratio Lower Upper

252 100

253 26.9 21.3 31.9

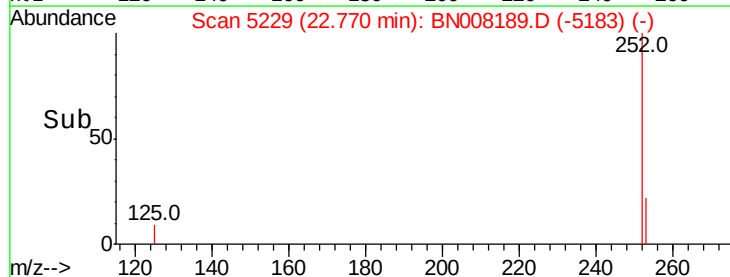
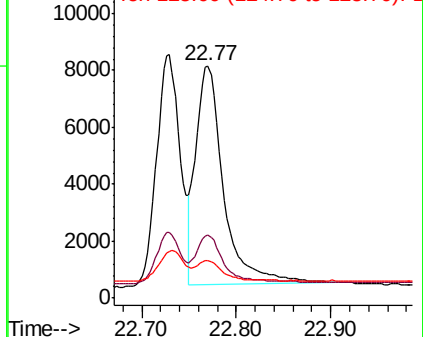
125 16.3 12.3 18.5

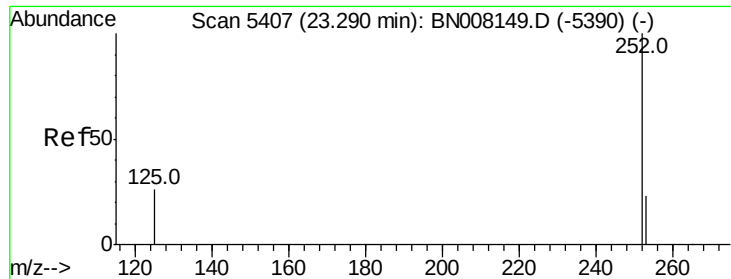


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.482 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. -0.02 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

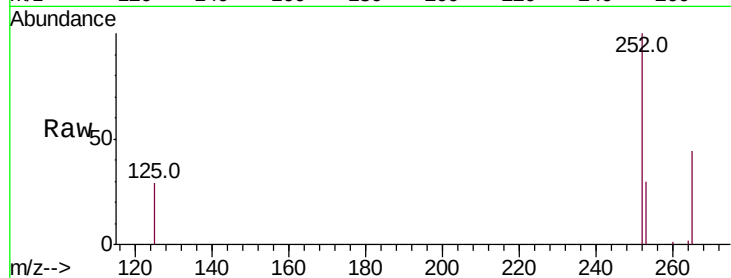
Tot Ion:252 Resp: 13782

Ion Ratio Lower Upper

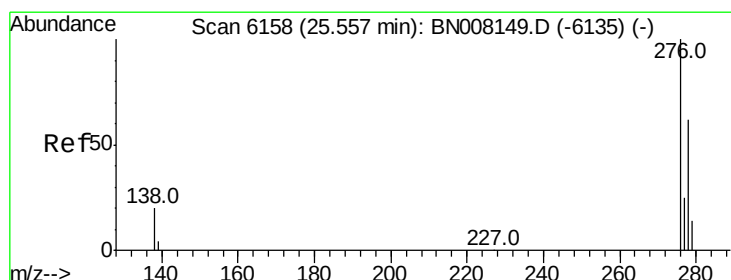
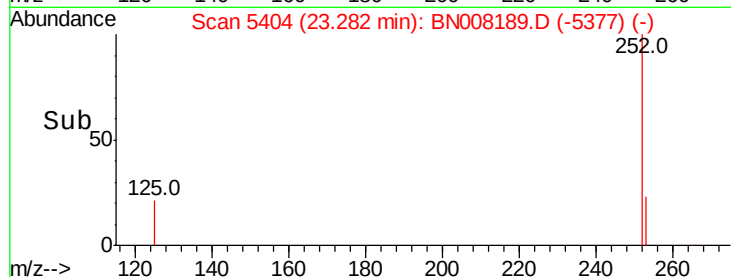
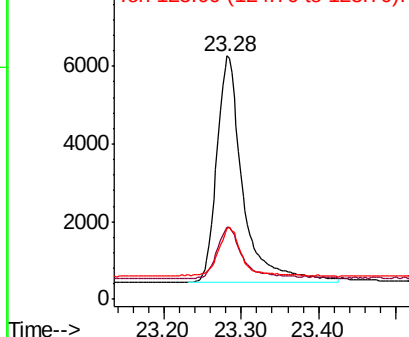
252 100

253 29.5 22.8 34.2

125 29.3 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: 0.419 ng/ul

RT: 25.55 min Scan# 6156

Delta R.T. -0.02 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

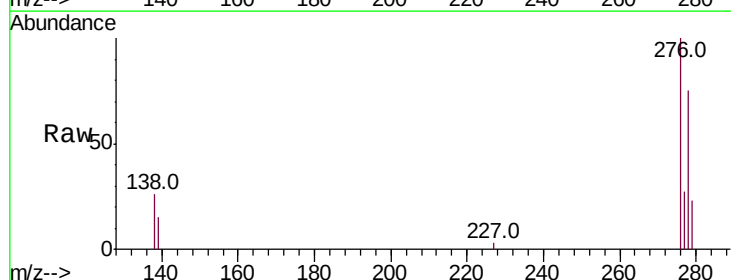
Tgt Ion:276 Resp: 14114

Ion Ratio Lower Upper

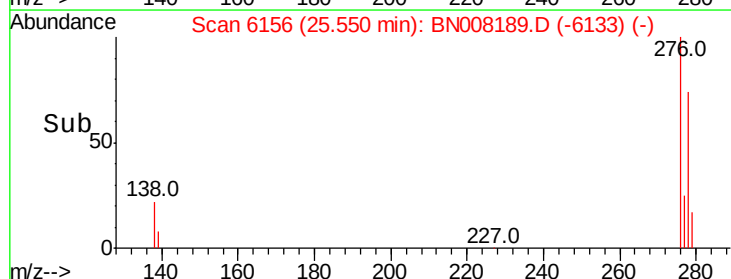
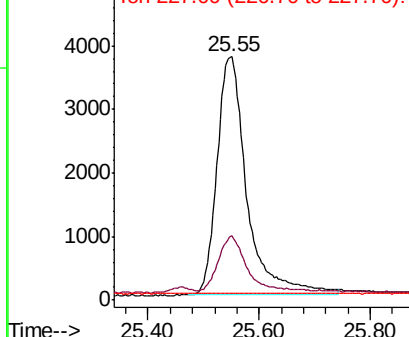
276 100

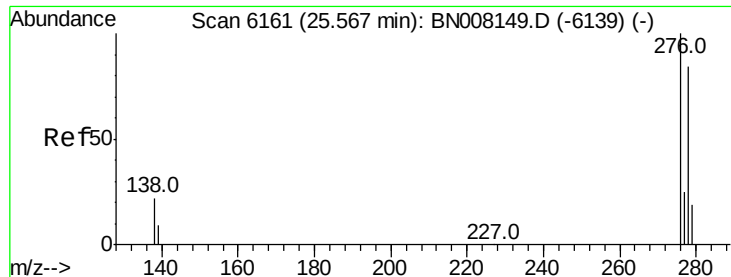
138 21.7 16.1 24.1

227 0.1 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: 0.424 ng/ul

RT: 25.56 min Scan# 6159

Delta R.T. -0.02 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

Instrument :

BNA_N

ClientSampleId :

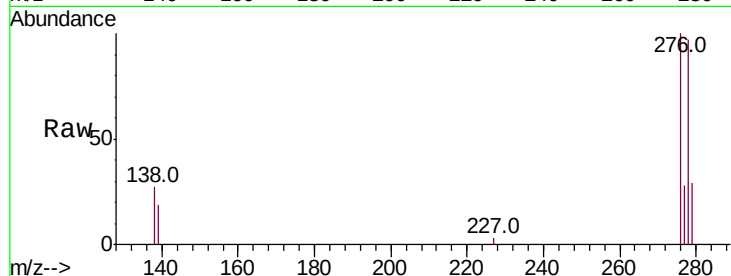
Tot Ion:278 Resp: 11287

Ion Ratio Lower Upper

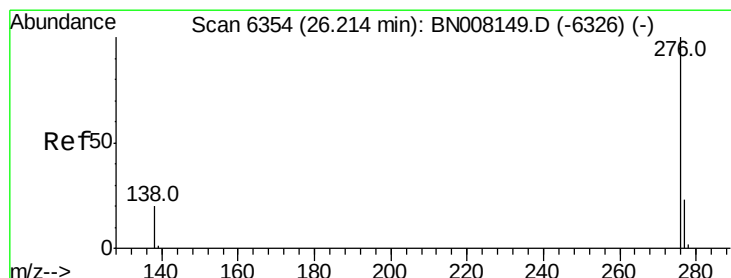
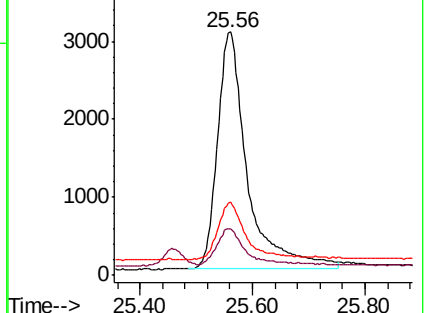
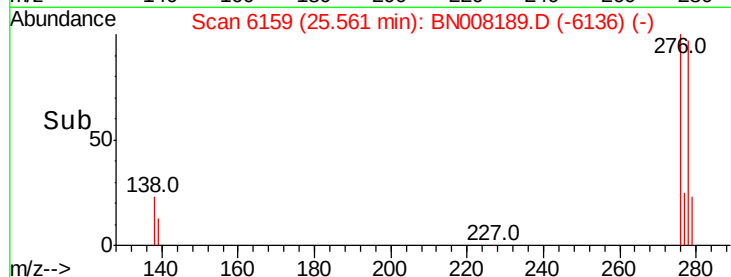
278 100

139 19.2 15.0 22.6

279 29.9 22.4 33.6



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: 0.403 ng/ul

RT: 26.20 min Scan# 6350

Delta R.T. -0.03 min

Lab File: BN008189.D

Acq: 16 Oct 2019 00:36

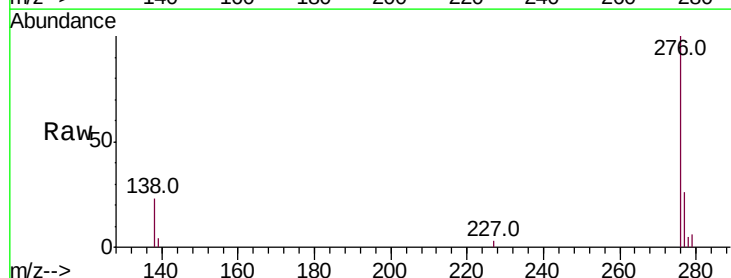
Tgt Ion:276 Resp: 12463

Ion Ratio Lower Upper

276 100

138 22.9 17.0 25.4

277 25.7 20.4 30.6



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

