

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008221.D
 Acq On : 17 Oct 2019 14:23
 Operator : JU
 Sample : K5175-11DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:42 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	7.60	152	3317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9880	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	16346	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12465	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1075	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	3346	0.00	ng/ul	0.00

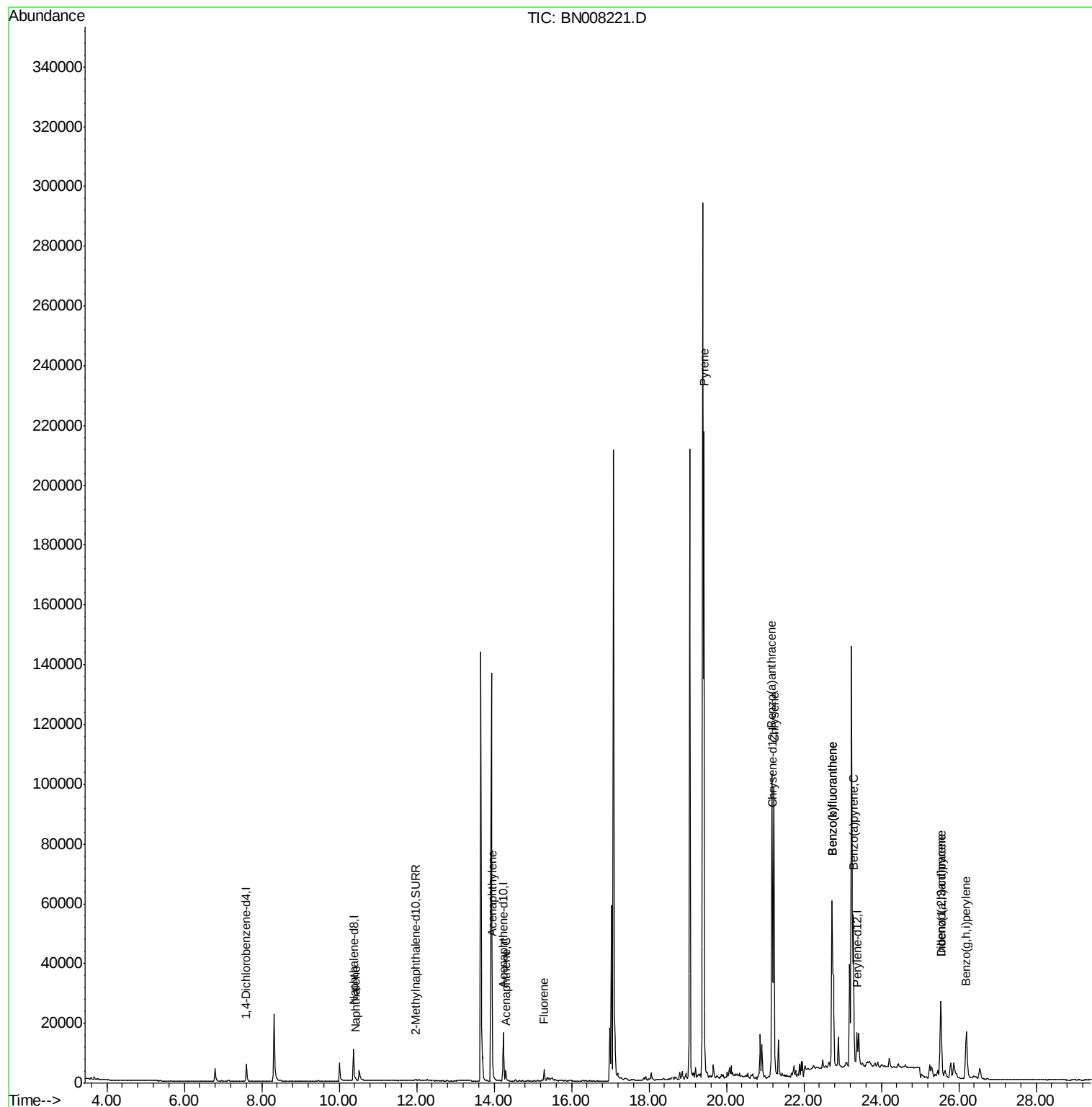
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1268	0.028	ng/ul#	86
7) Acenaphthylene	13.95	152	4573	0.097	ng/ul	97
8) Acenaphthene	14.30	153	2034	0.056	ng/ul	97
9) Fluorene	15.30	166	2732	0.066	ng/ul#	97
17) Pyrene	19.42	202	179783	2.762	ng/ul	100
18) Benzo(a)anthracene	21.17	228	90565	1.524	ng/ul	98
19) Chrysene	21.23	228	98301	1.348	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	128174	3.159	ng/ul	93
22) Benzo(k)fluoranthene	22.73	252	128174	2.788	ng/ul	94
23) Benzo(a)pyrene	23.28	252	64327	1.506	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.54	276	41947	0.834	ng/ul	97
25) Dibenzo(a,h)anthracene	25.54	278	10041	0.253	ng/ul	92
26) Benzo(g,h,i)perylene	26.20	276	33371	0.724	ng/ul	99

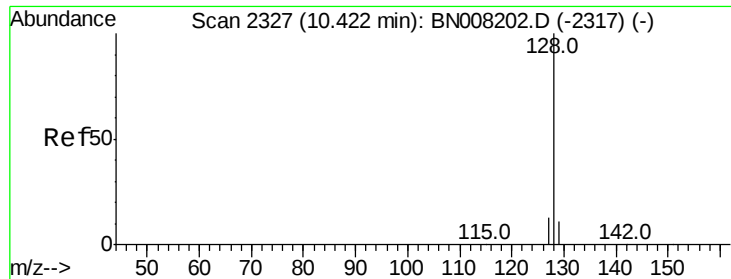
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

ClientSampleId :

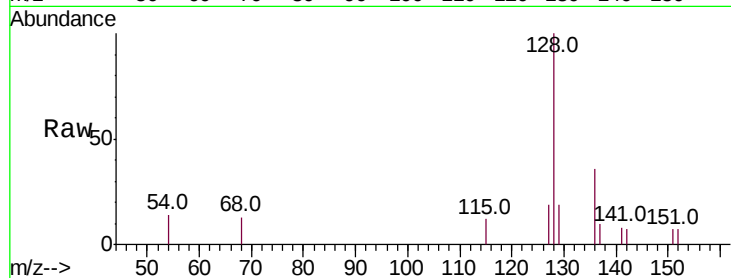
Tot Ion:128 Resp: 1268

Ion Ratio Lower Upper

128 100

129 18.8 9.8 14.8#

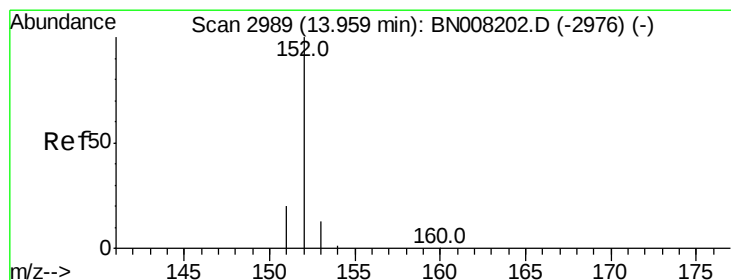
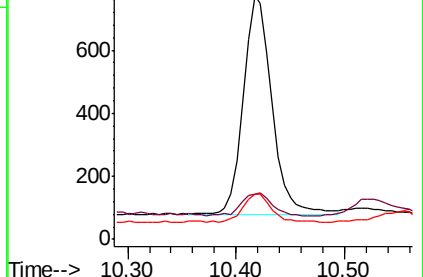
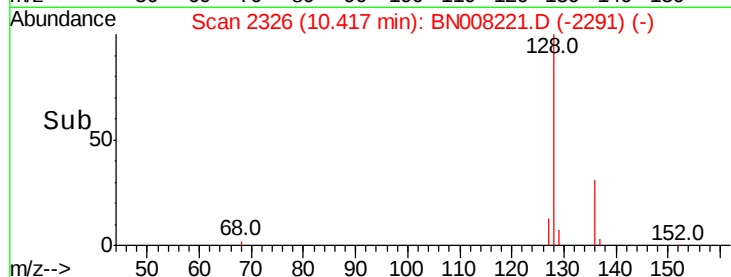
127 18.5 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

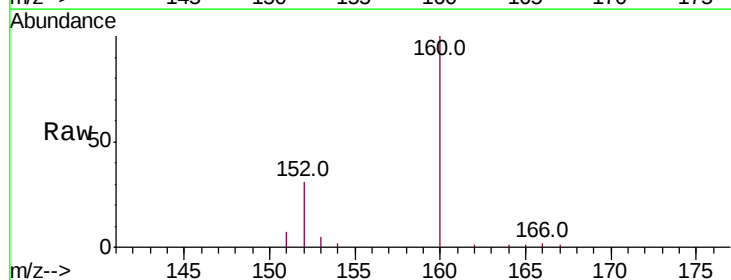
Tgt Ion:152 Resp: 4573

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

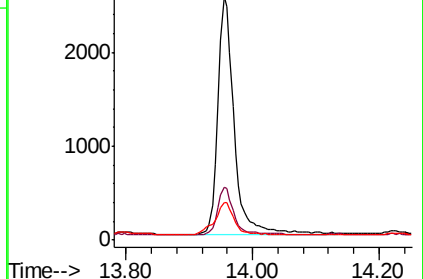
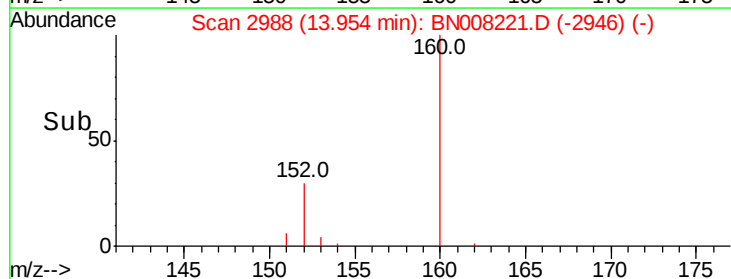
153 15.2 11.0 16.4

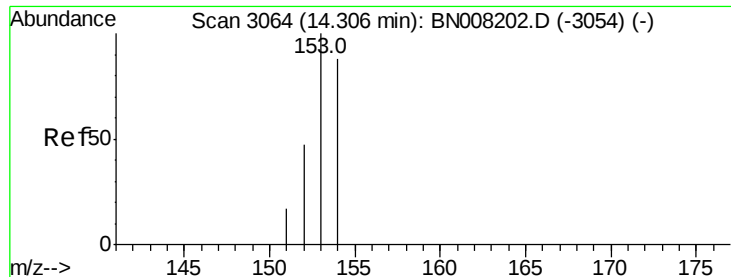


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

ClientSampleId :

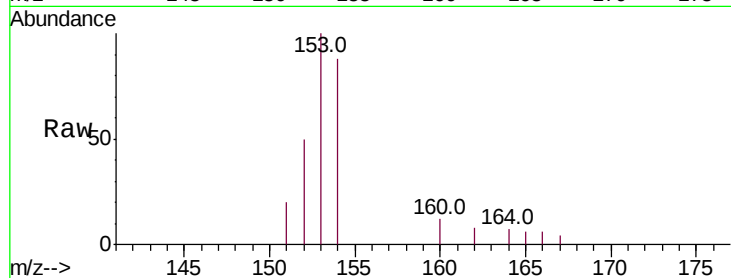
Tot Ion:153 Resp: 2034

Ion Ratio Lower Upper

153 100

152 50.3 38.2 57.2

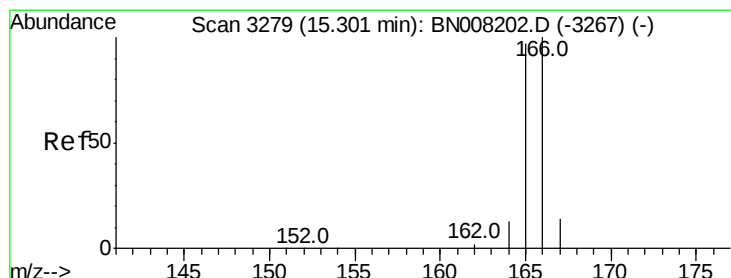
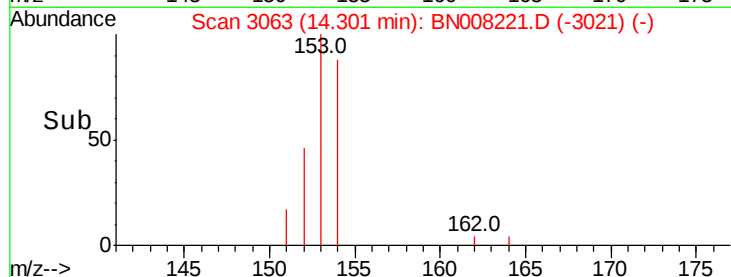
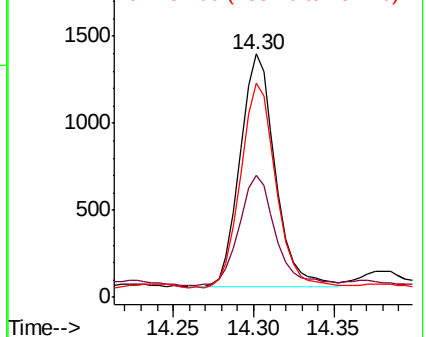
154 88.0 71.8 107.8



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: 0.066 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

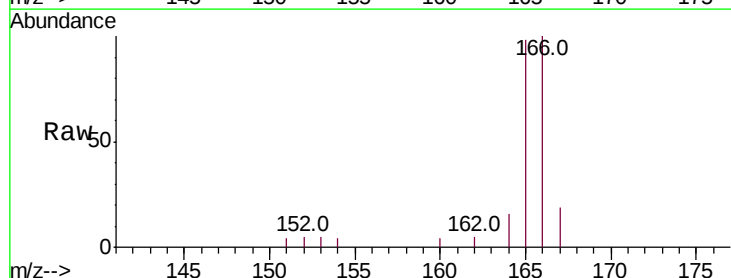
Tgt Ion:166 Resp: 2732

Ion Ratio Lower Upper

166 100

165 97.6 76.6 115.0

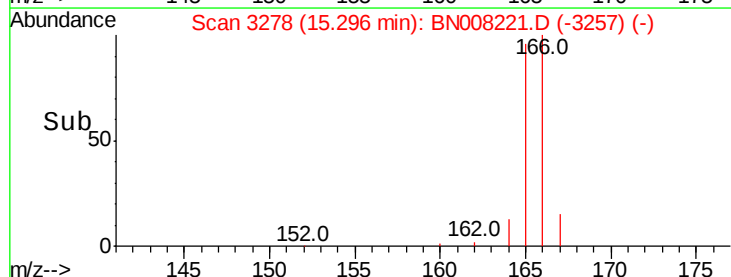
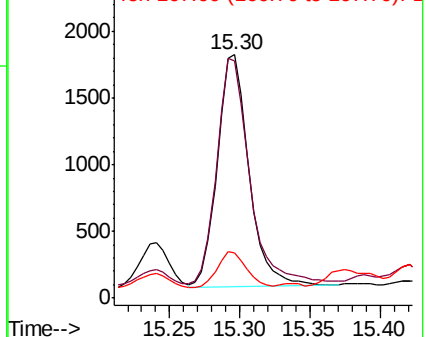
167 18.6 11.7 17.5#

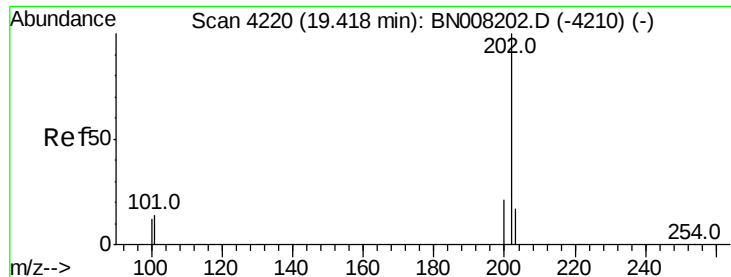


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

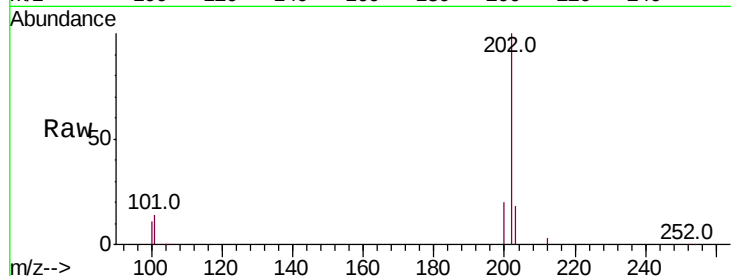




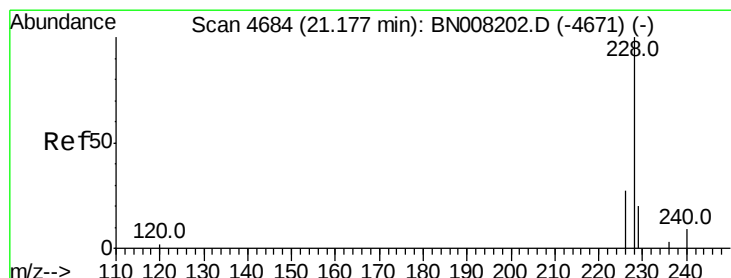
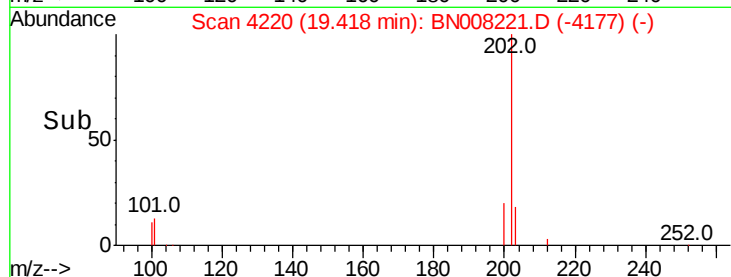
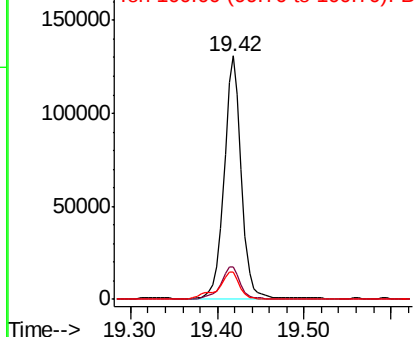
#17
Pvrene
Concen: 2.762 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 179783
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.1 8.7 13.1

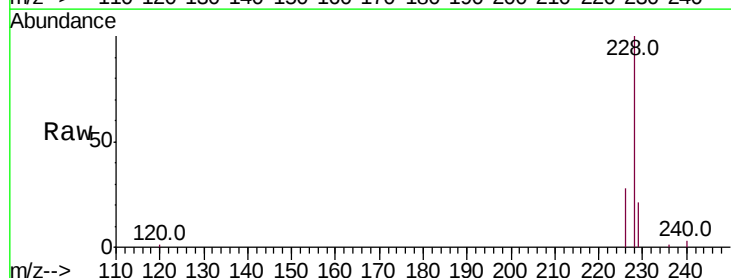


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

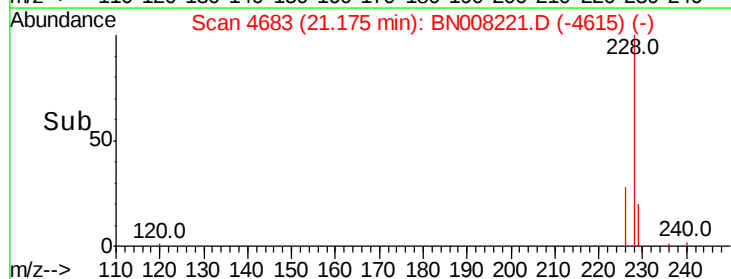
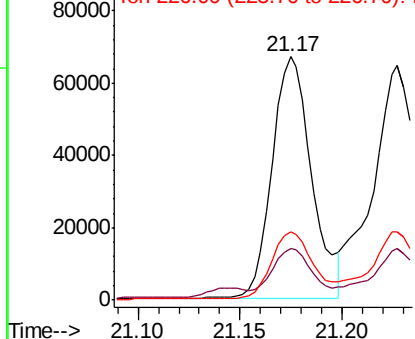


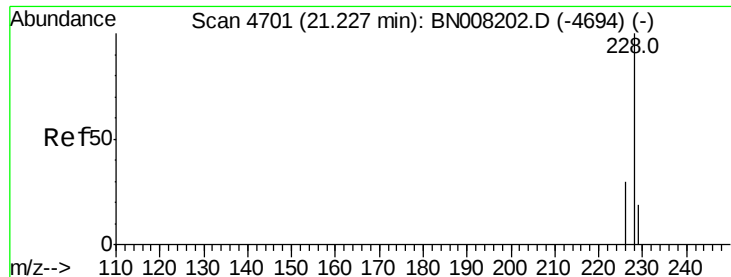
#18
Benzo(a)anthracene
Concen: 1.524 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Tgt Ion:228 Resp: 90565
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.2 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: 1.348 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

ClientSampleId :

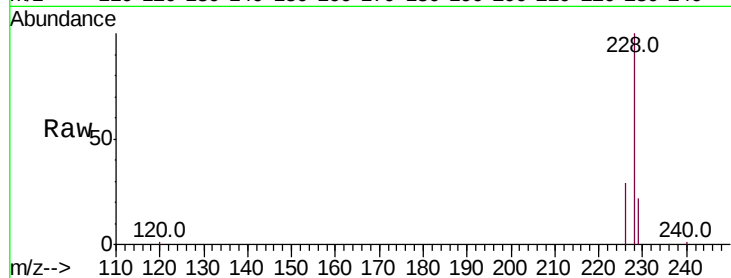
Tot Ion:228 Resp: 98301

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

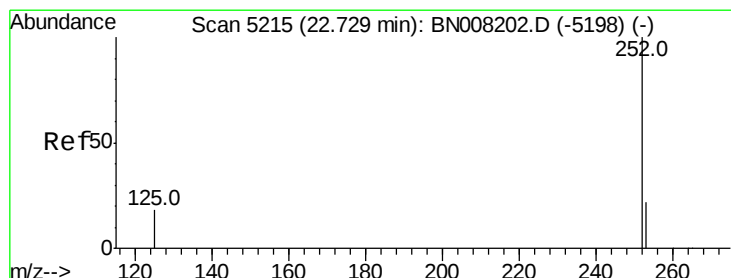
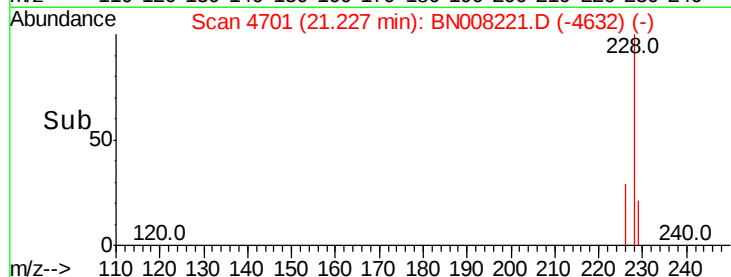
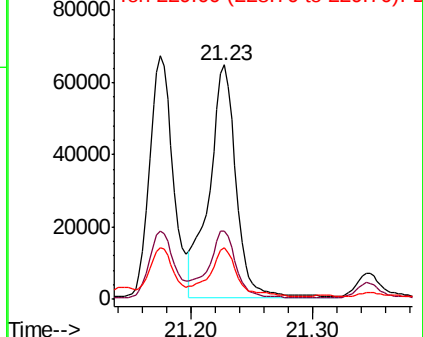
229 21.8 16.2 24.2



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: 3.159 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

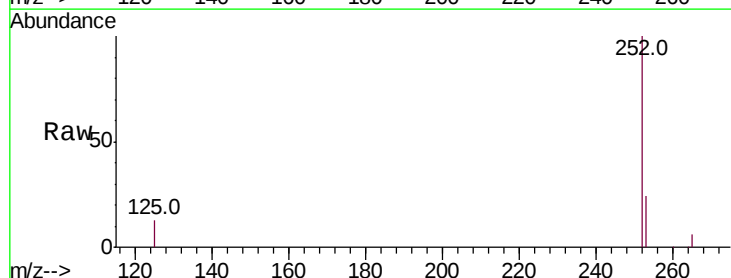
Tgt Ion:252 Resp: 128174

Ion Ratio Lower Upper

252 100

253 23.9 0.0 53.4

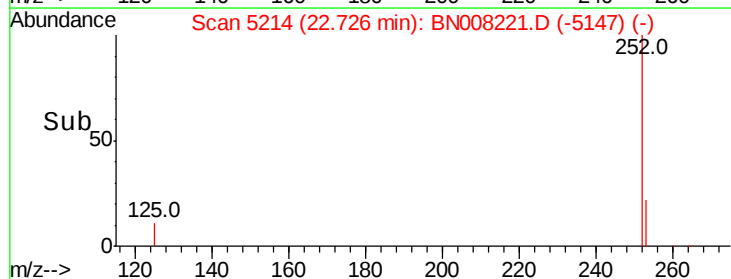
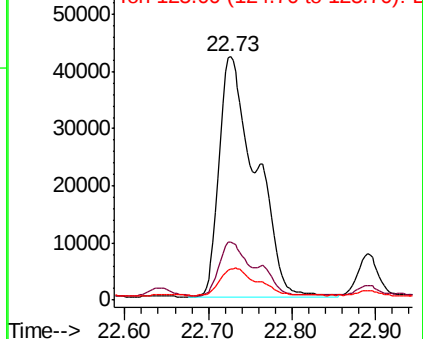
125 12.6 0.0 32.4

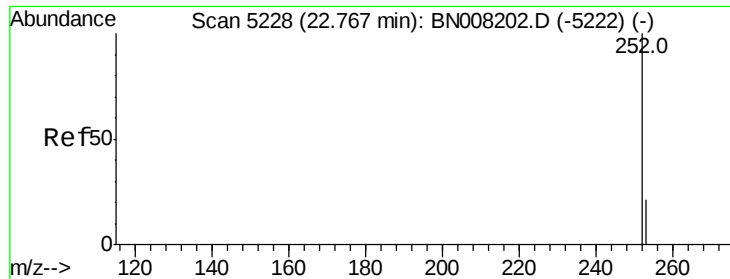


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.788 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.04 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

ClientSampleId :

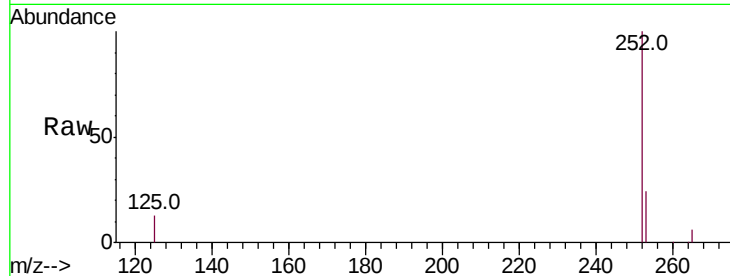
Tot Ion:252 Resp: 128174

Ion Ratio Lower Upper

252 100

253 23.9 21.3 31.9

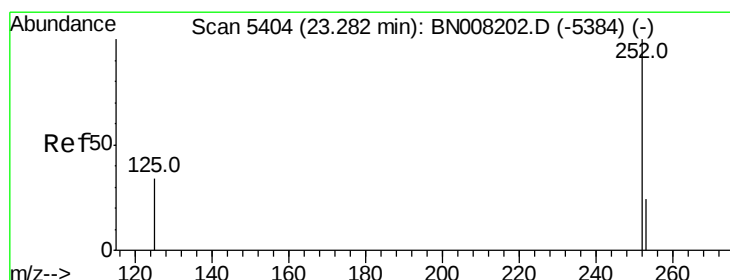
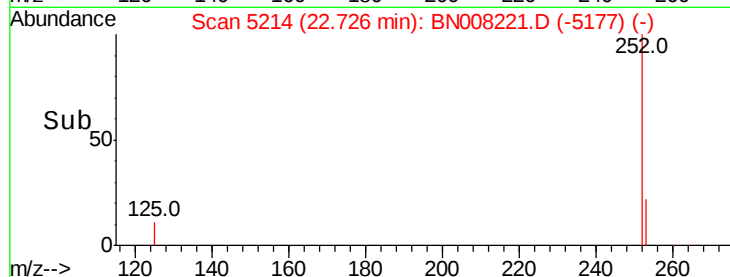
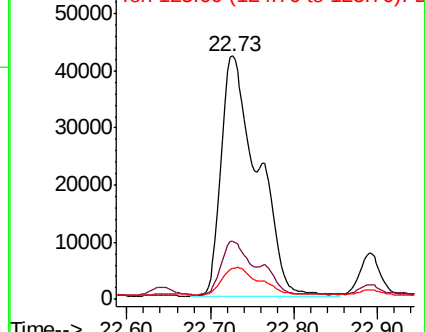
125 12.6 12.3 18.5



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: 1.506 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

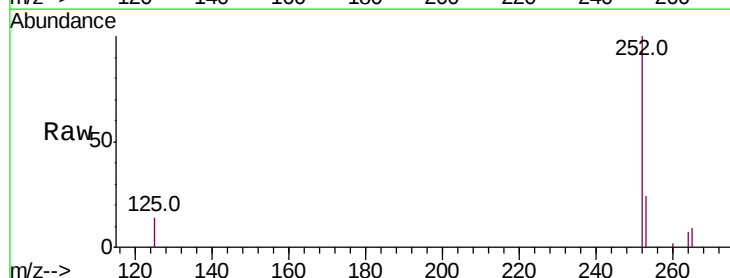
Tgt Ion:252 Resp: 64327

Ion Ratio Lower Upper

252 100

253 23.9 22.8 34.2

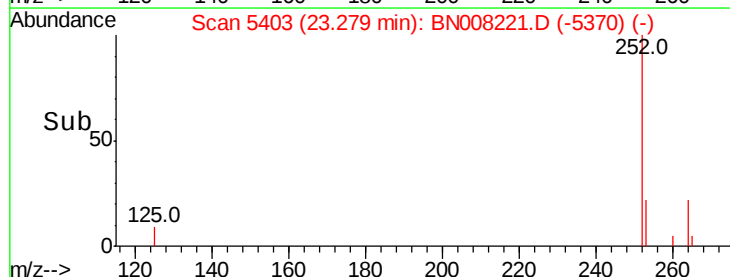
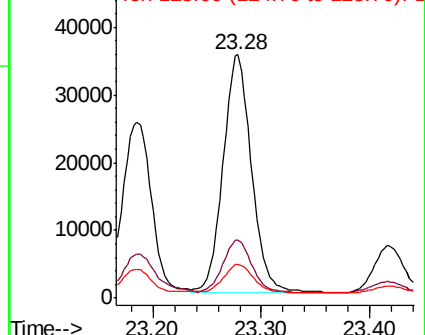
125 14.1 18.4 27.6#

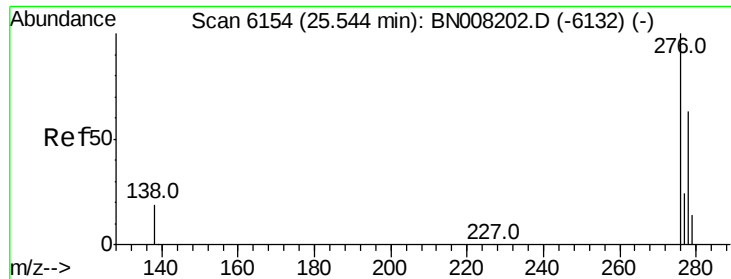


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



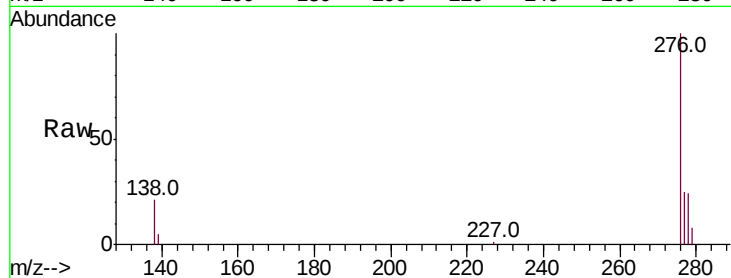


#24

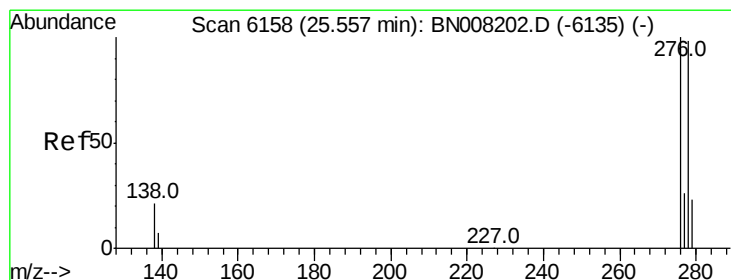
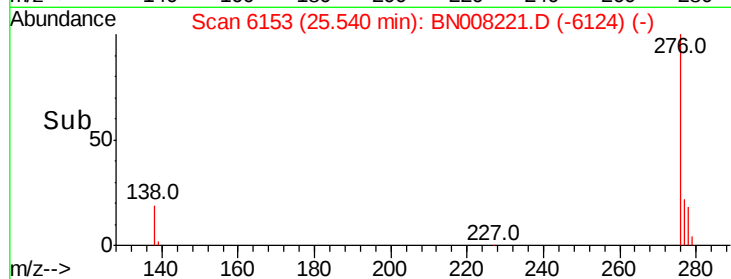
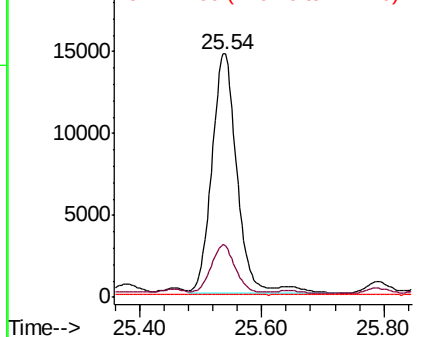
Indeno(1,2,3-cd)pyrene
Concen: 0.834 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 41947
Ion Ratio Lower Upper
276 100
138 18.6 16.1 24.1
227 0.2 0.2 0.2



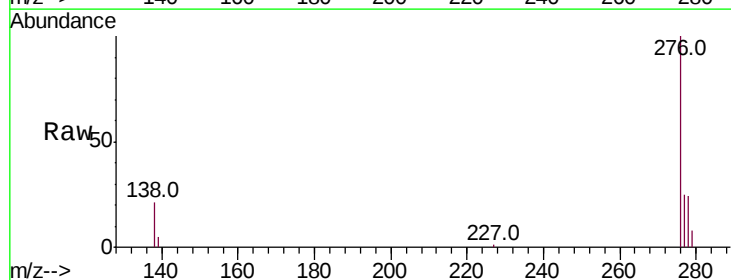
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



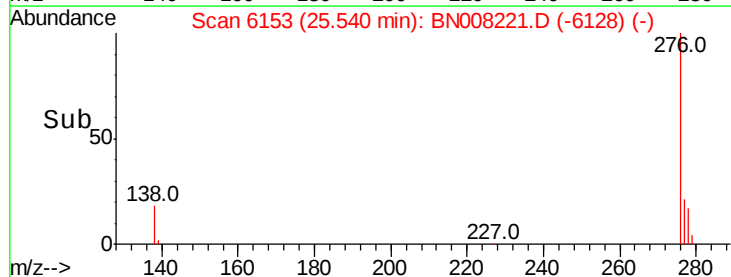
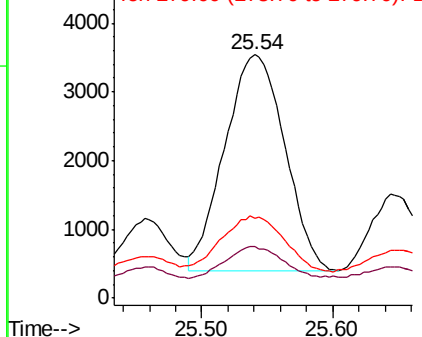
#25

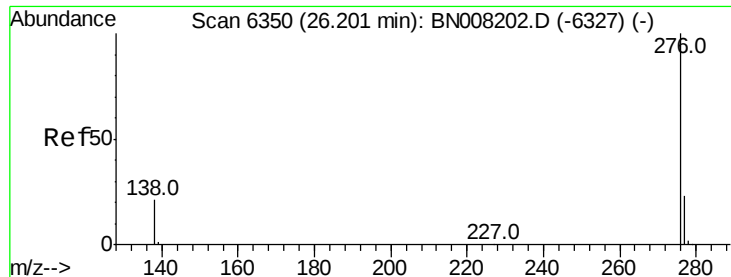
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008221.D
Acq: 17 Oct 2019 14:23

Tgt Ion:278 Resp: 10041
Ion Ratio Lower Upper
278 100
139 21.0 15.0 22.6
279 33.0 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(a,h,i)perylene

Concen: 0.724 ng/ul

RT: 26.20 min Scan# 6349

Delta R.T. -0.00 min

Lab File: BN008221.D

Acq: 17 Oct 2019 14:23

Instrument :

BNA_N

ClientSampleId :

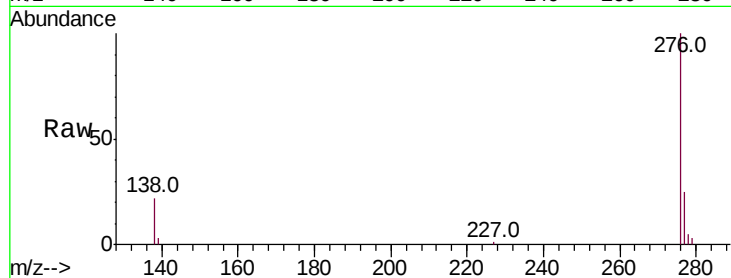
Tot Ion:276 Resp: 33371

Ion Ratio Lower Upper

276 100

138 22.1 17.0 25.4

277 25.2 20.4 30.6



Abundance

Ion 276.00 (275.70 to 276.70): E

15000

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

