

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011720\
 Data File : BN009391.D
 Acq On : 17 Jan 2020 12:16
 Operator : JU
 Sample : L1071-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2L41

Quant Time: Jan 17 12:48:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:28:30 2020
 Response via : Initial Calibration

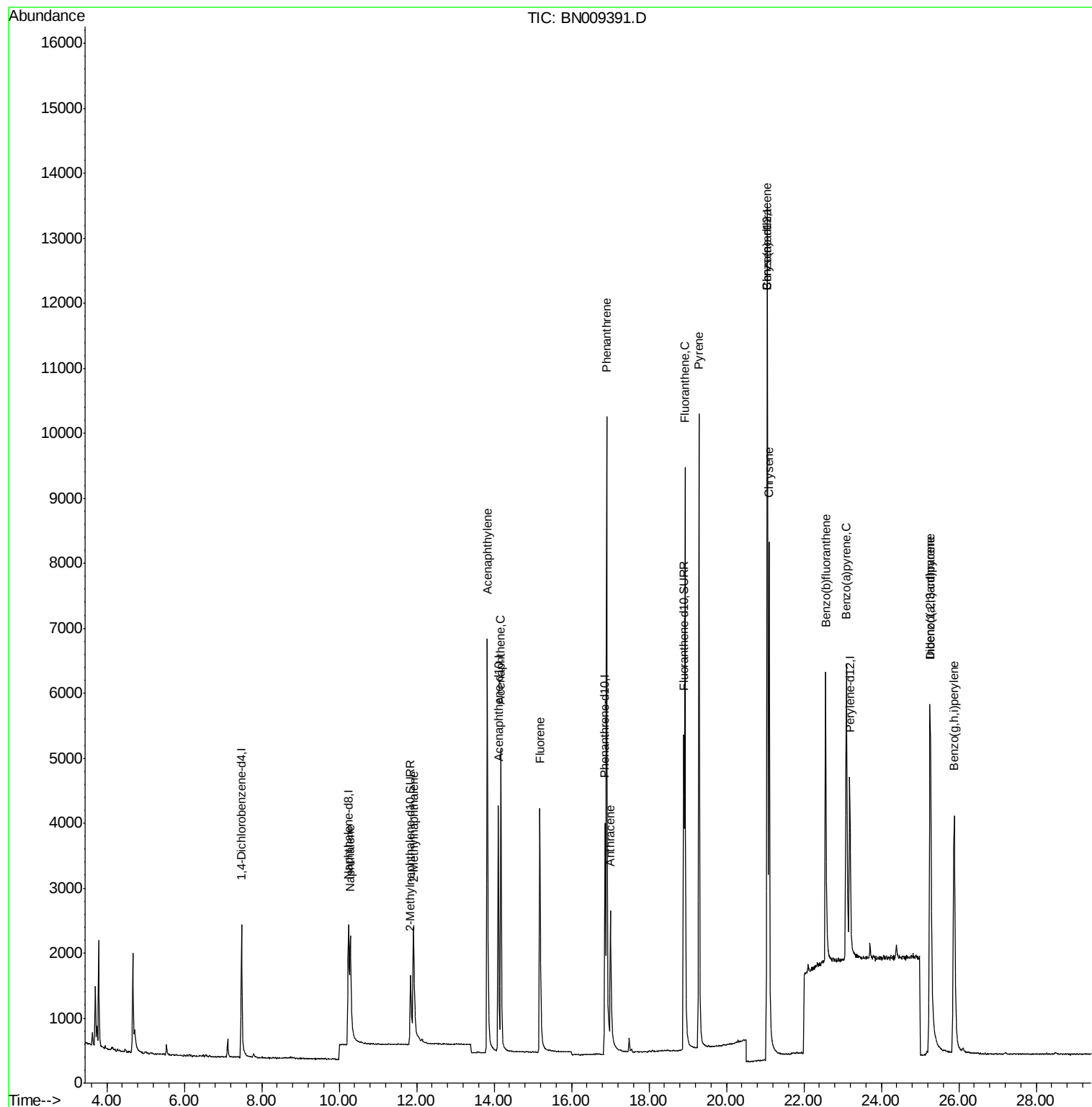
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.24	136	3961	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.11	164	2512	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	5101	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4169	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	3919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	2467	0.38	ng/ul	0.01
14) Fluoranthene-d10	18.89	212	6307	0.40	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.29	128	3359	0.282	ng/ul#	95
5) 2-Methylnaphthalene	11.92	142	2278	0.278	ng/ul	98
7) Acenaphthylene	13.82	152	9339	0.729	ng/ul	100
8) Acenaphthene	14.17	153	3336	0.324	ng/ul	98
9) Fluorene	15.18	166	4007	0.338	ng/ul	99
12) Phenanthrene	16.90	178	12769	0.725	ng/ul	99
13) Anthracene	17.00	178	3783	0.242	ng/ul	97
15) Fluoranthene	18.93	202	8732	0.418	ng/ul	100
17) Pyrene	19.29	202	9848	0.492	ng/ul	98
18) Benzo(a)anthracene	21.05	228	12658	0.693	ng/ul	100
19) Chrysene	21.10	228	9106	0.460	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	7007	0.403	ng/ul	98
23) Benzo(a)pyrene	23.09	252	8671	0.498	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.26	276	7643	0.394	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.27	278	6395	0.417	ng/ul	97
26) Benzo(a,h,i)perylene	25.88	276	8414	0.495	ng/ul	99

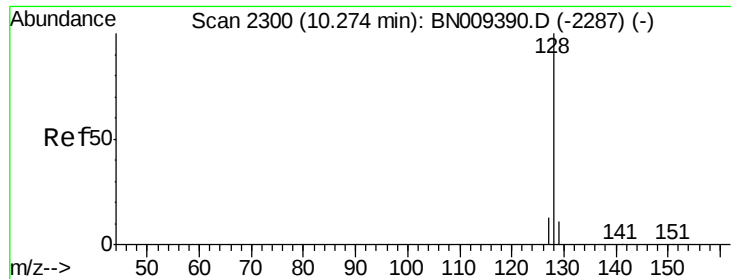
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011720\
Data File : BN009391.D
Acq On : 17 Jan 2020 12:16
Operator : JU
Sample : L1071-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X2L41

Quant Time: Jan 17 12:48:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:28:30 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.282 ng/ul

RT: 10.29 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

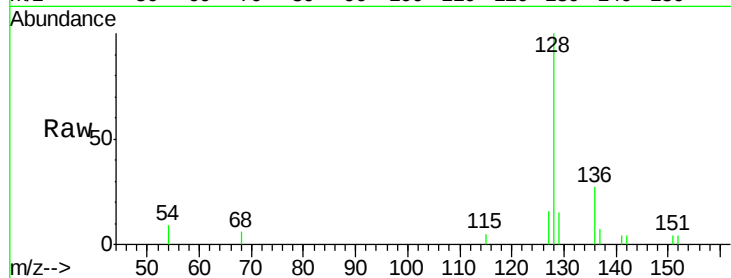
Tot Ion:128 Resp: 3359

Ion Ratio Lower Upper

128 100

129 15.1 9.9 14.9#

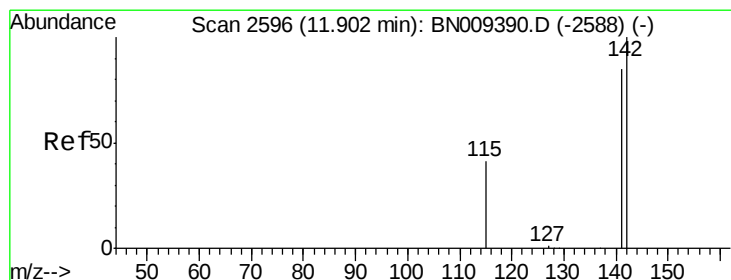
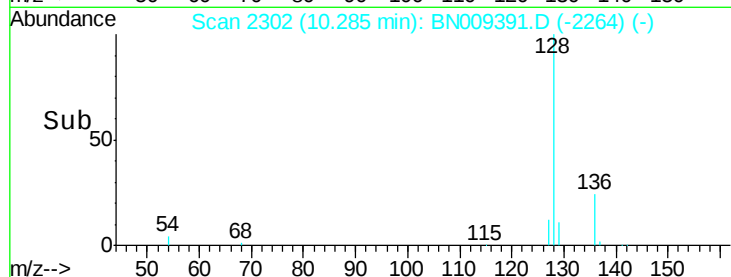
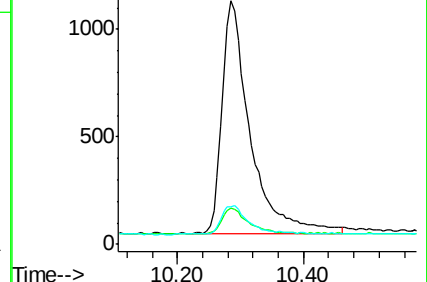
127 15.6 11.3 16.9



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: 0.278 ng/ul

RT: 11.92 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BN009391.D

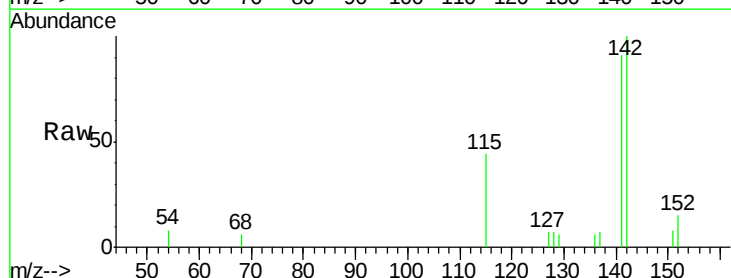
Acq: 17 Jan 2020 12:16

Tgt Ion:142 Resp: 2278

Ion Ratio Lower Upper

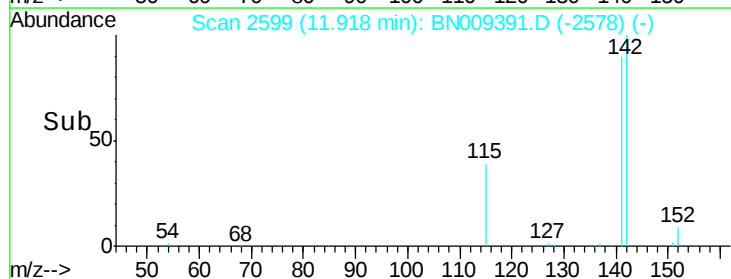
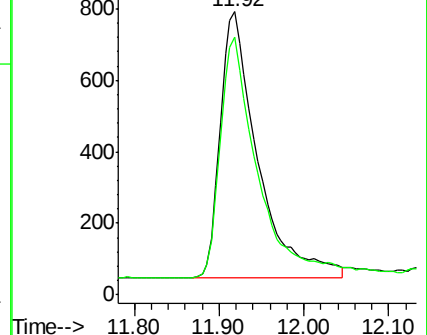
142 100

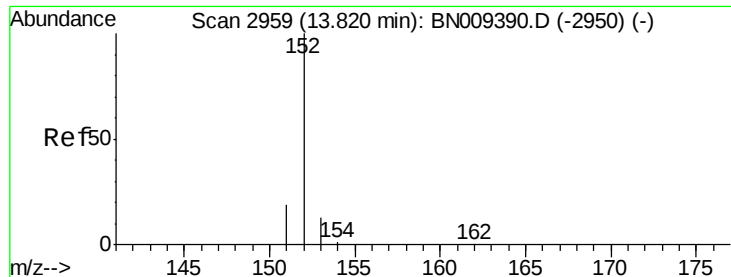
141 90.2 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.729 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

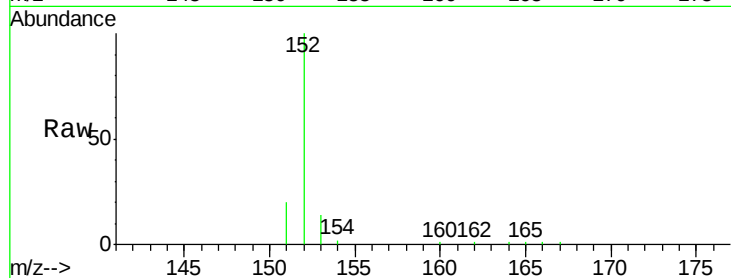
Tot Ion:152 Resp: 9339

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

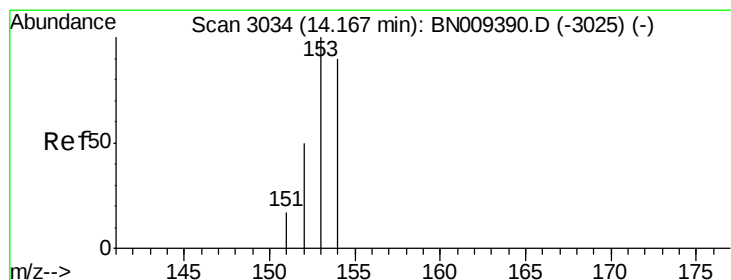
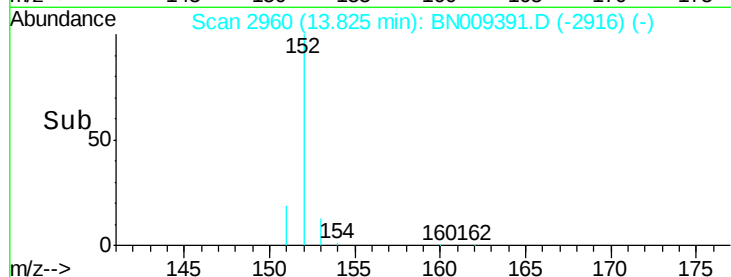
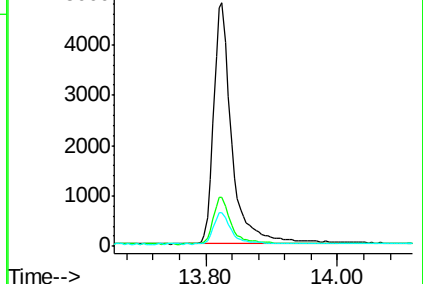
153 14.0 11.2 16.8



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: 0.324 ng/ul

RT: 14.17 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

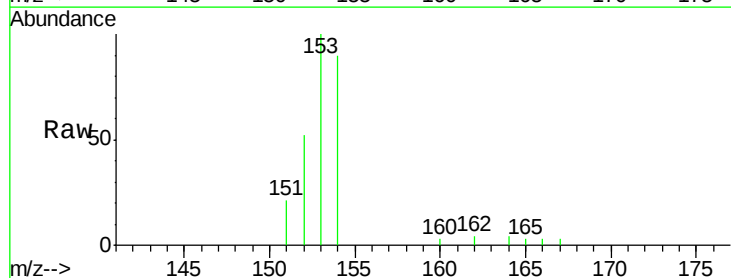
Tgt Ion:153 Resp: 3336

Ion Ratio Lower Upper

153 100

152 51.6 39.9 59.9

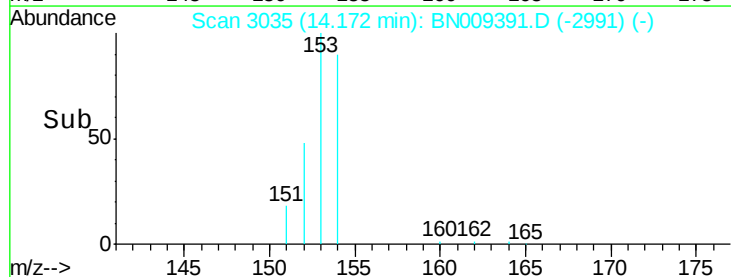
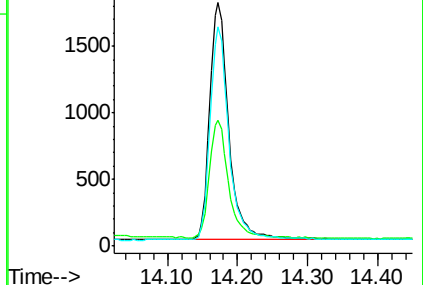
154 90.2 70.8 106.2

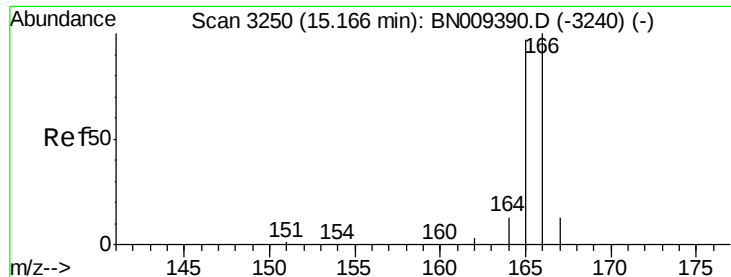


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.338 ng/ul

RT: 15.18 min Scan# 3253

Delta R.T. 0.01 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

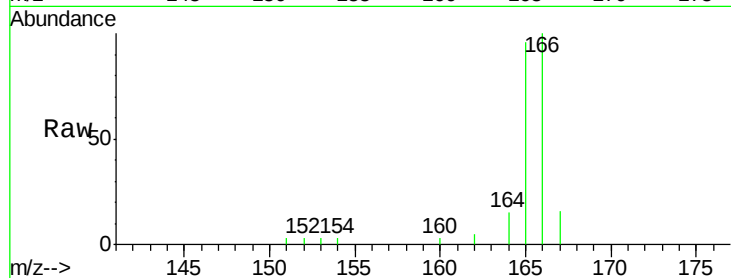
Tot Ion:166 Resp: 4007

Ion Ratio Lower Upper

166 100

165 96.2 77.6 116.4

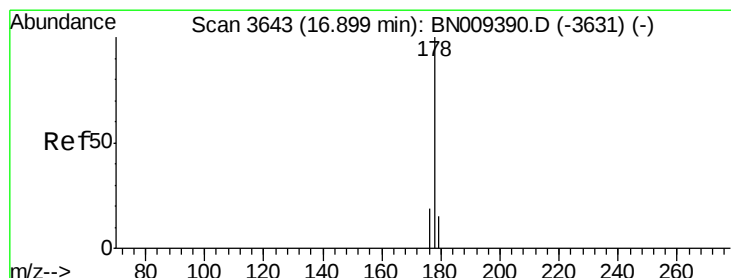
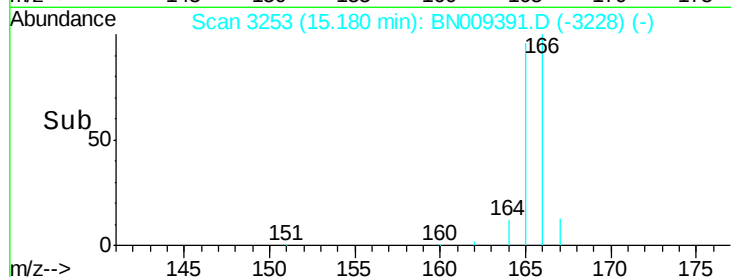
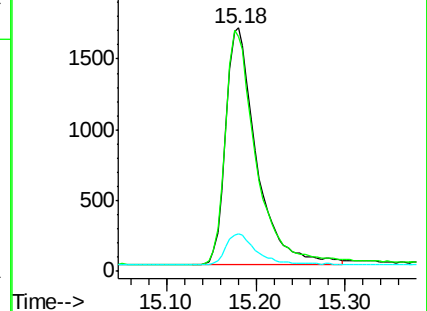
167 15.6 11.8 17.6



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



#12

Phenanthrene

Concen: 0.725 ng/ul

RT: 16.90 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

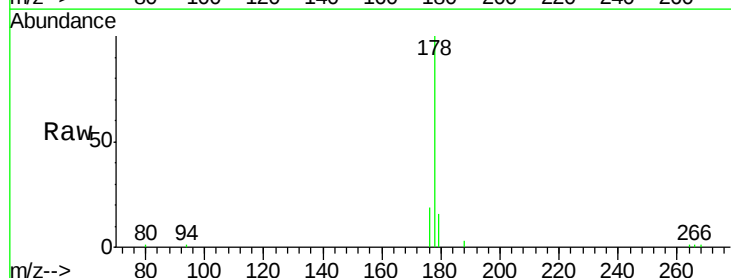
Tgt Ion:178 Resp: 12769

Ion Ratio Lower Upper

178 100

179 16.1 13.4 20.0

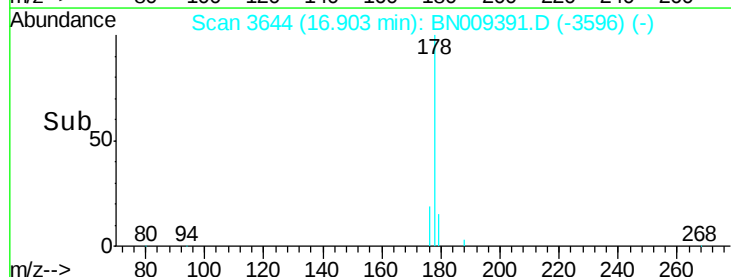
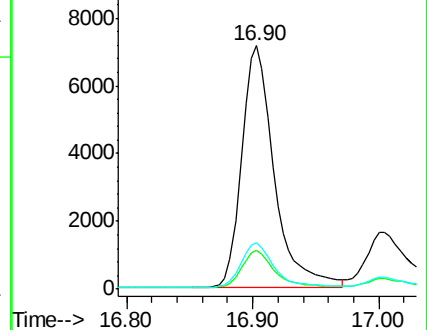
176 19.3 16.0 24.0

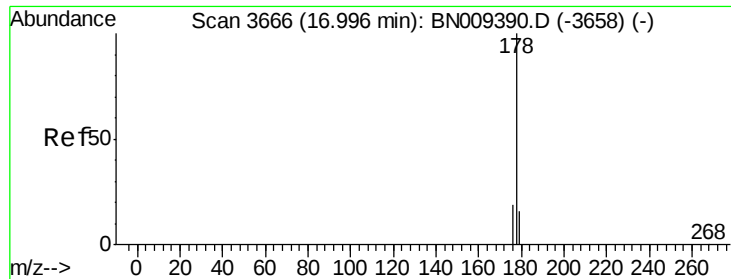


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.242 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. 0.01 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

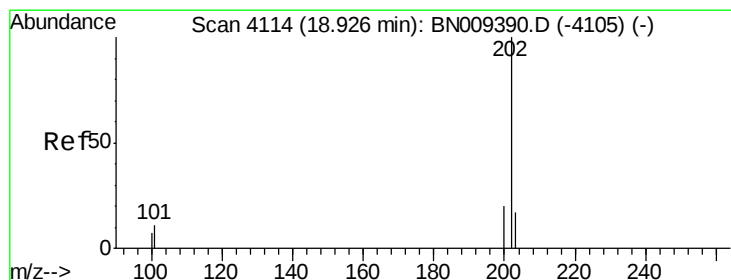
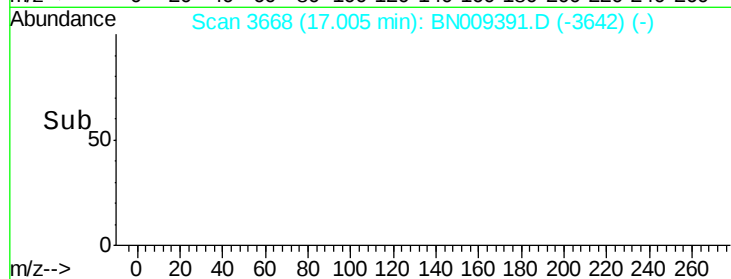
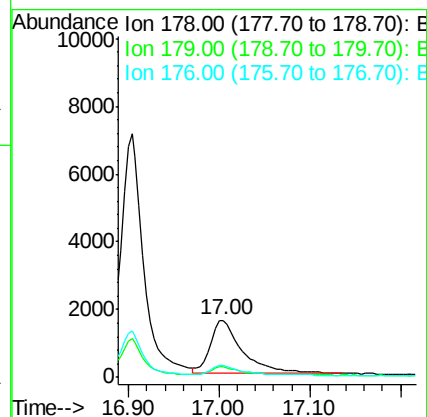
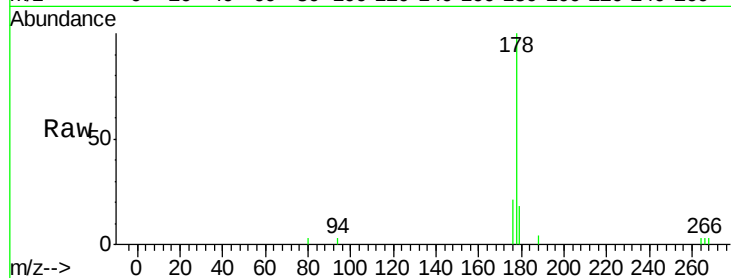
Tot Ion:178 Resp: 3783

Ion Ratio Lower Upper

178 100

179 18.1 13.1 19.7

176 20.7 15.7 23.5



#15

Fluoranthene

Concen: 0.418 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

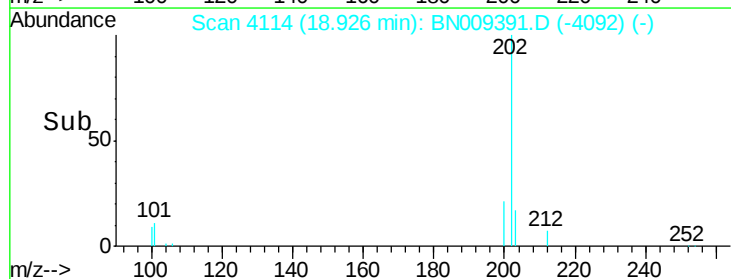
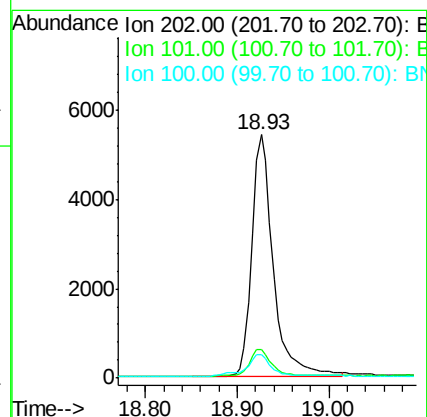
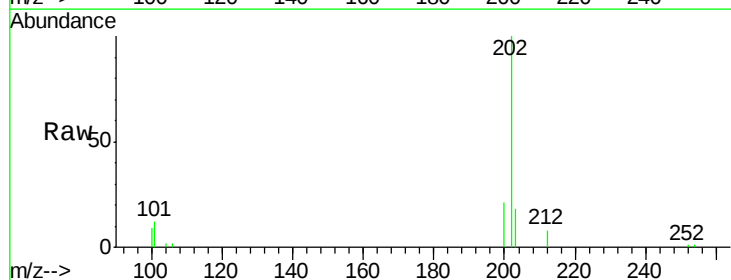
Tgt Ion:202 Resp: 8732

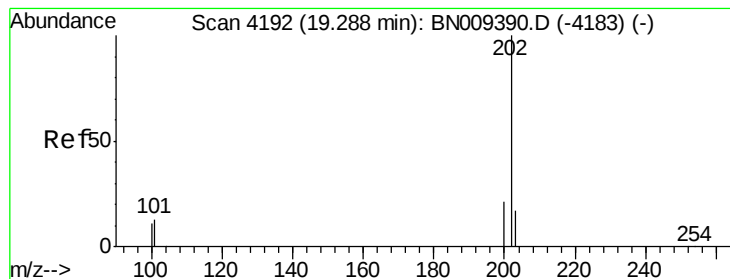
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.8

100 9.4 0.0 29.4





#17

Pvrene

Concen: 0.492 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

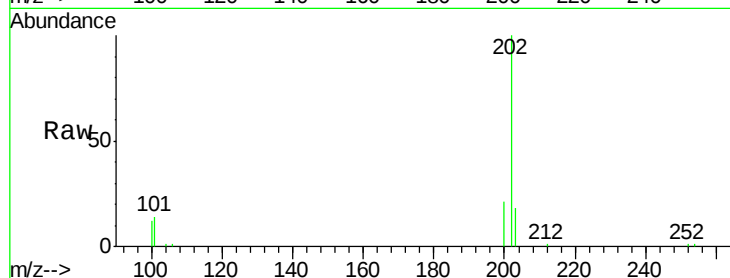
Tot Ion:202 Resp: 9848

Ion Ratio Lower Upper

202 100

101 14.4 11.0 16.4

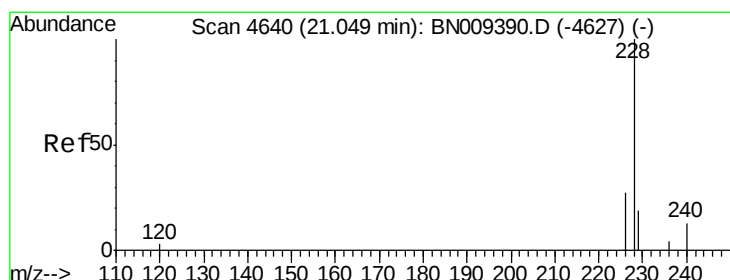
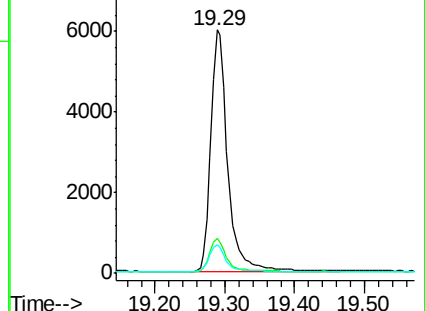
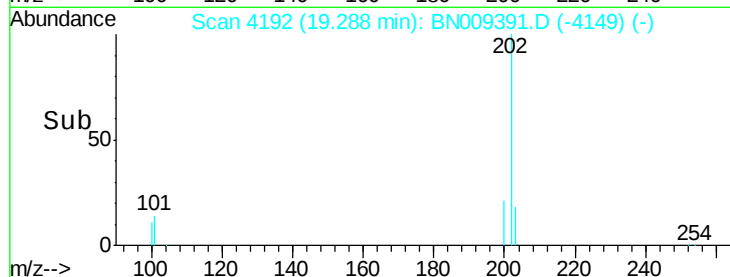
100 11.8 8.5 12.7



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: 0.693 ng/ul

RT: 21.05 min Scan# 4640

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

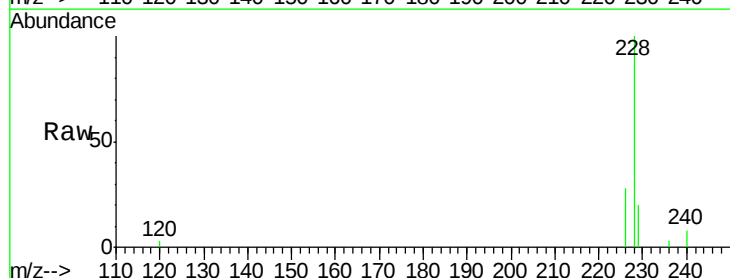
Tgt Ion:228 Resp: 12658

Ion Ratio Lower Upper

228 100

229 19.6 16.0 24.0

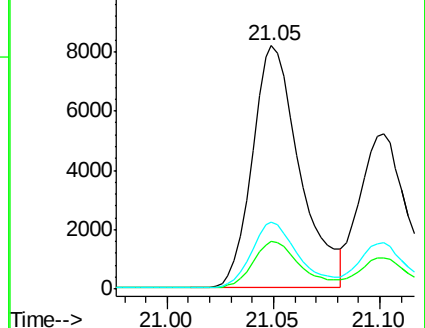
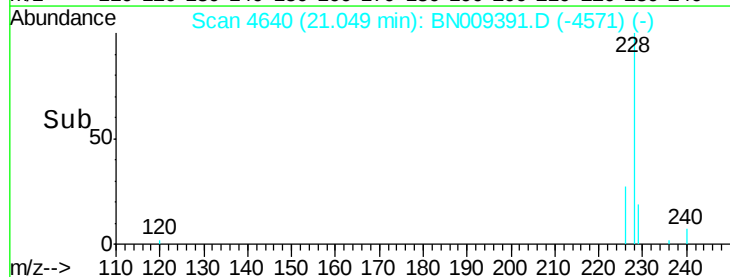
226 27.5 21.9 32.9

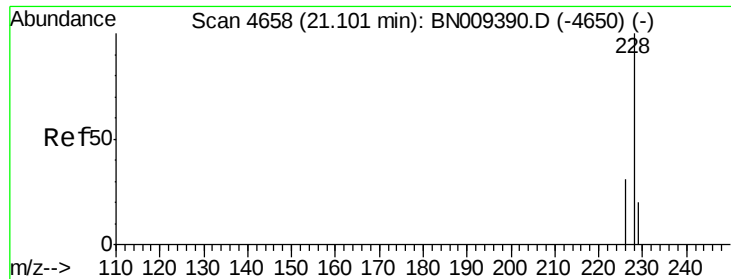


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.460 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

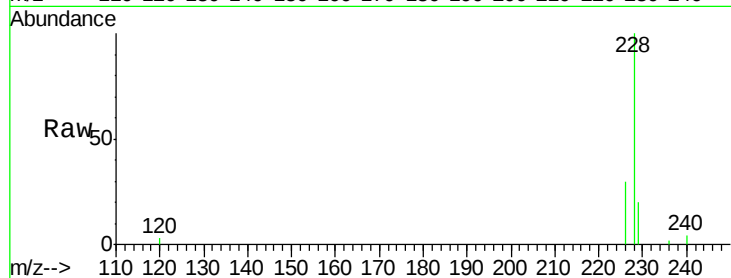
Tot Ion:228 Resp: 9106

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

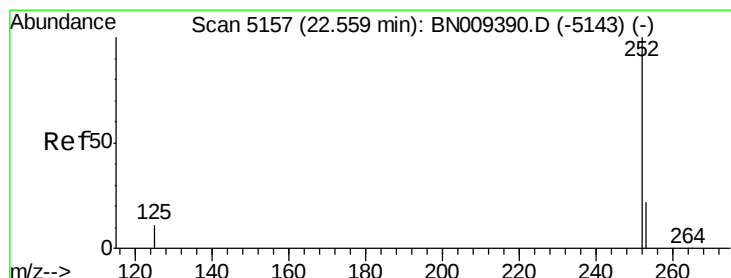
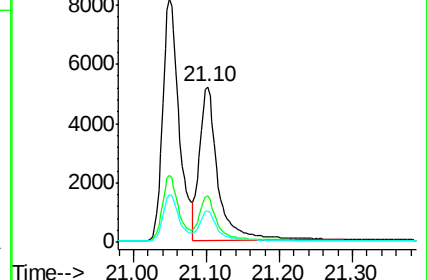
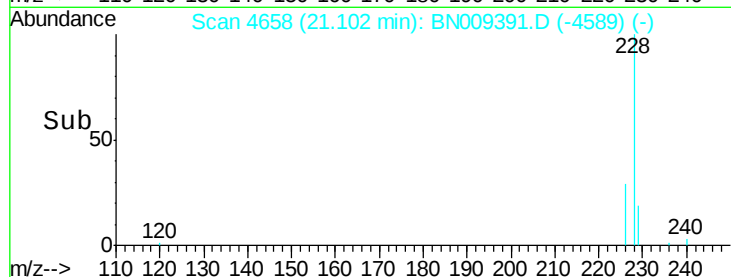
229 20.0 16.6 24.8



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: 0.403 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

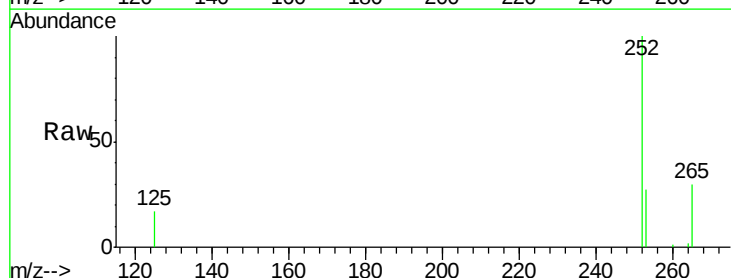
Tgt Ion:252 Resp: 7007

Ion Ratio Lower Upper

252 100

253 27.1 0.0 52.8

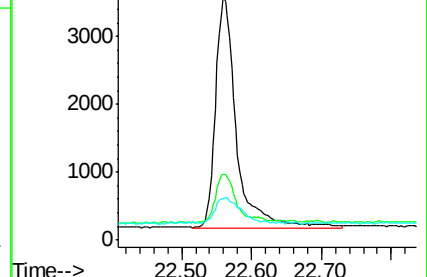
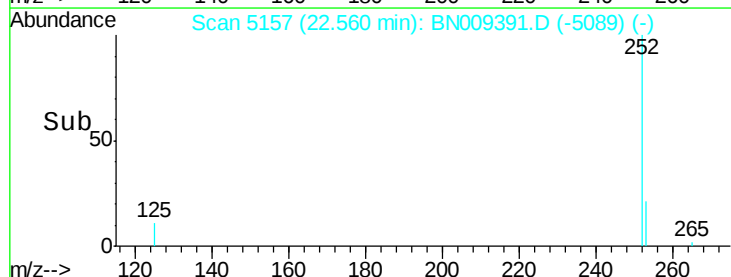
125 16.9 0.0 32.0

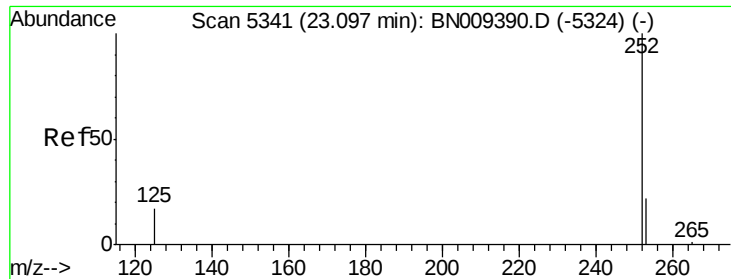


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.498 ng/ul

RT: 23.09 min Scan# 5340

Delta R.T. -0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

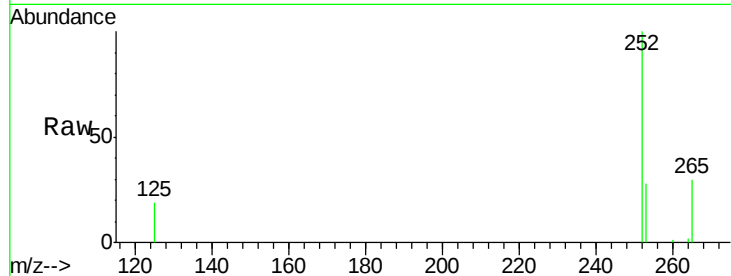
Tot Ion:252 Resp: 8671

Ion Ratio Lower Upper

252 100

253 28.4 22.7 34.1

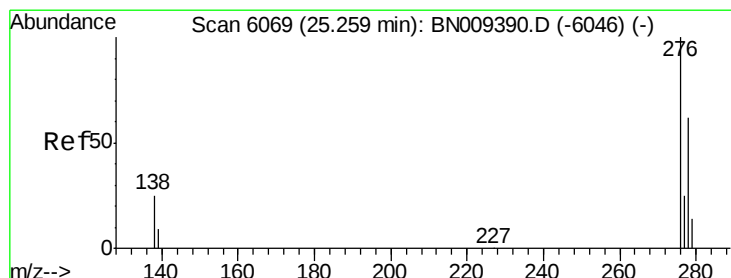
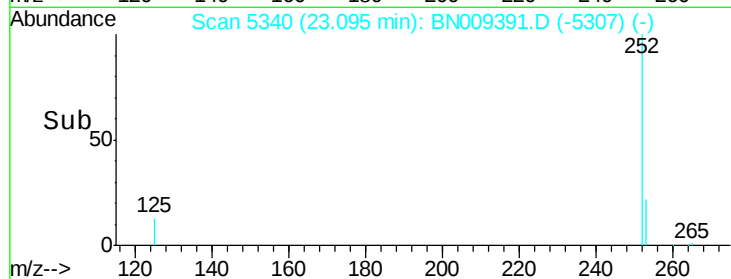
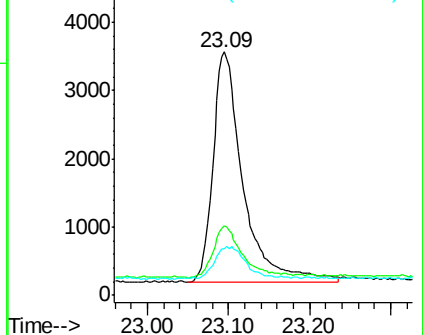
125 19.3 17.0 25.6



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: 0.394 ng/ul

RT: 25.26 min Scan# 6068

Delta R.T. -0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

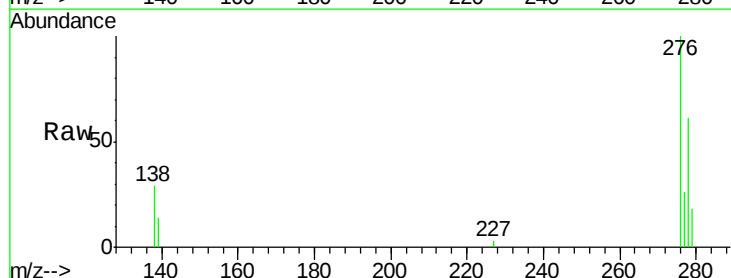
Tgt Ion:276 Resp: 7643

Ion Ratio Lower Upper

276 100

138 26.5 19.4 29.2

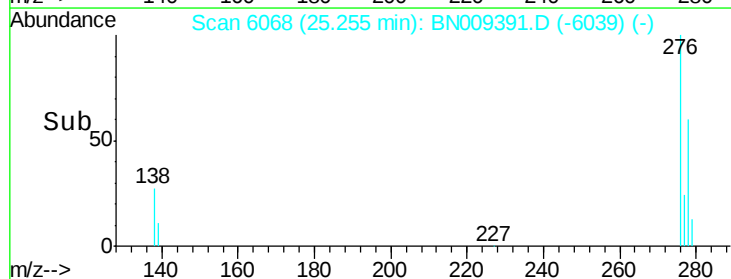
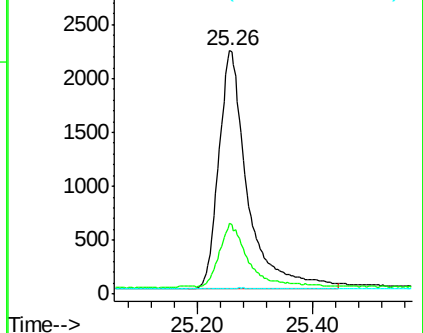
227 0.1 0.0 0.0#

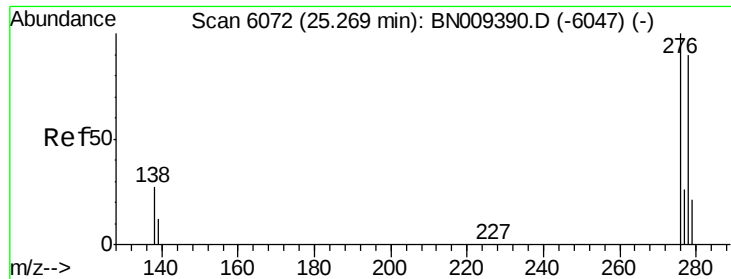


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.417 ng/ul

RT: 25.27 min Scan# 6072

Delta R.T. 0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

Instrument :

BNA_N

ClientSampleId :

X2L41

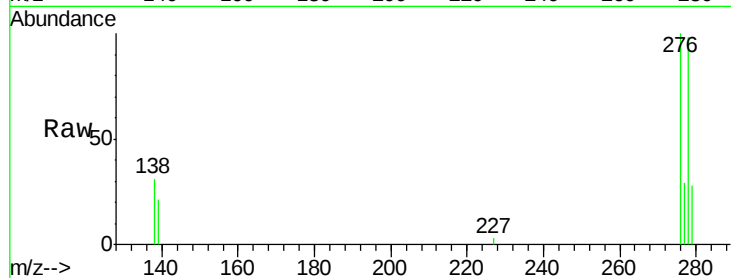
Tot Ion:278 Resp: 6395

Ion Ratio Lower Upper

278 100

139 21.3 15.3 22.9

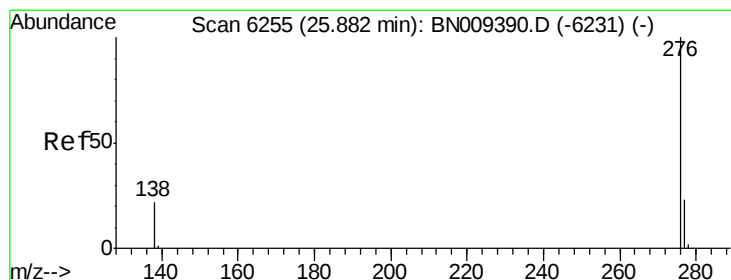
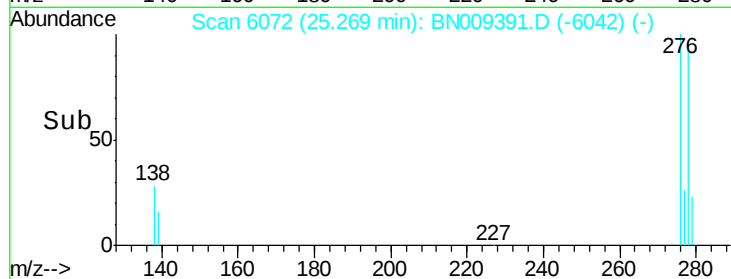
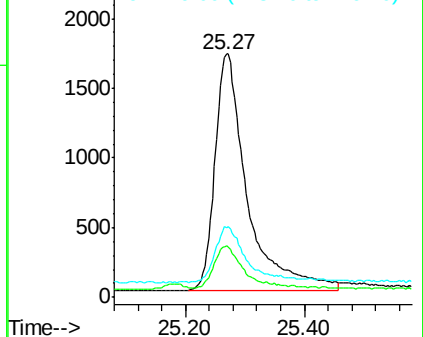
279 28.6 22.2 33.2



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: 0.495 ng/ul

RT: 25.88 min Scan# 6254

Delta R.T. -0.00 min

Lab File: BN009391.D

Acq: 17 Jan 2020 12:16

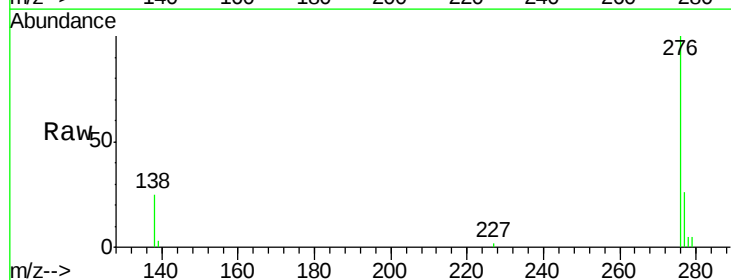
Tgt Ion:276 Resp: 8414

Ion Ratio Lower Upper

276 100

138 25.4 20.3 30.5

277 26.2 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

