

Data File : BN008690.D
Acq On : 21 Nov 2019 22:51
Operator : JU
Sample : K5851-15DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB3DL

Quant Time: Nov 22 06:34:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14095	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8220	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16408	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13633	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14060	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	417	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1113	0.02	ng/ul	0.00

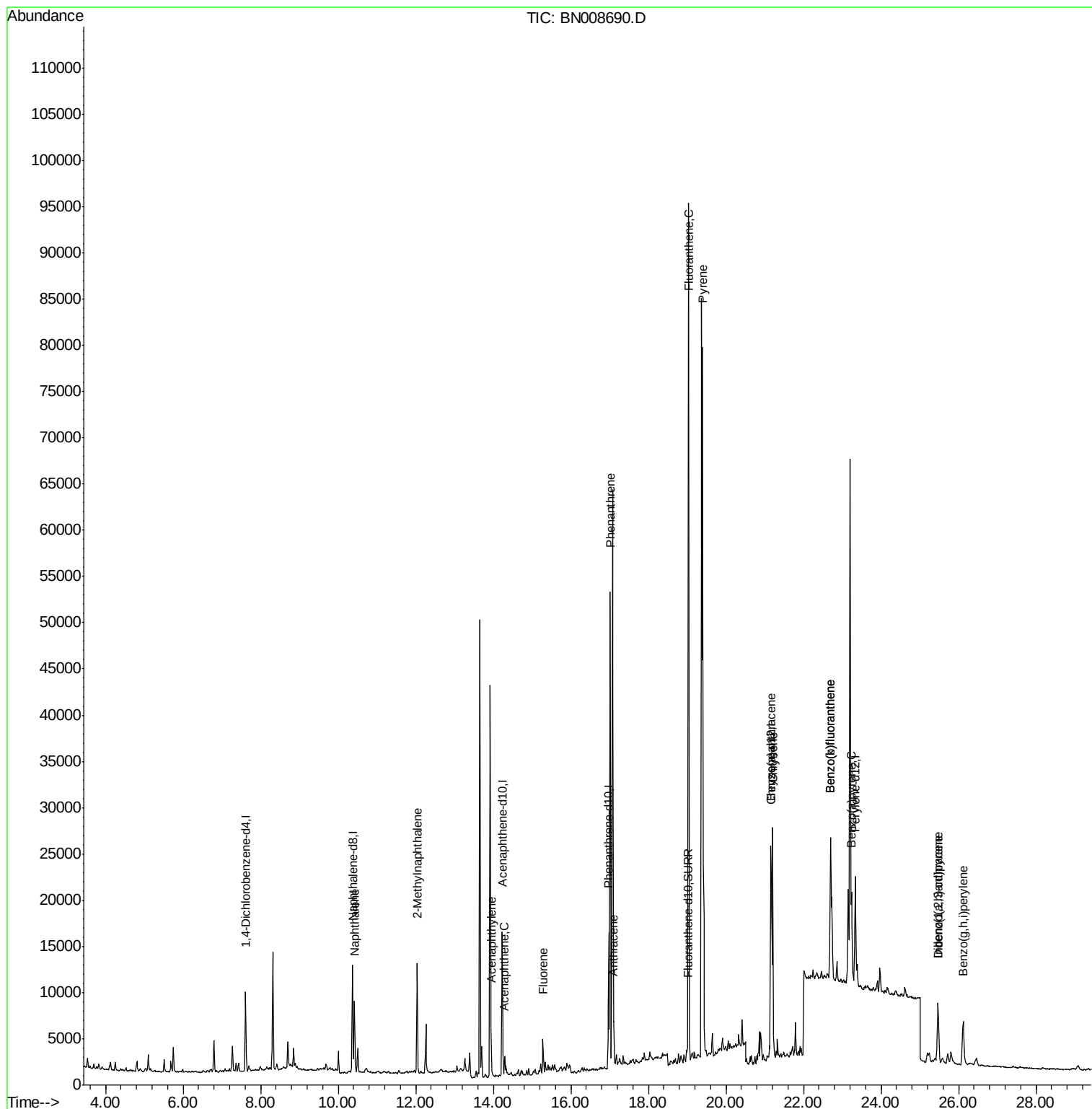
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	9613	0.226	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	8400	0.283	ng/ul	100
7) Acenaphthylene	13.95	152	1376	0.030	ng/ul#	79
8) Acenaphthene	14.29	153	1531	0.045	ng/ul	92
9) Fluorene	15.29	166	2002	0.051	ng/ul#	89
12) Phenanthrene	17.02	178	54269	0.981	ng/ul	98
13) Anthracene	17.11	178	4613	0.088	ng/ul#	87
15) Fluoranthene	19.04	202	77685	1.143	ng/ul	94
17) Pyrene	19.40	202	62623	1.145	ng/ul	97
18) Benzo(a)anthracene	21.15	228	16319	0.298	ng/ul#	92
19) Chrysene	21.21	228	24700	0.459	ng/ul#	95
21) Benzo(b)fluoranthene	22.69	252	33052	0.570	ng/ul#	63
22) Benzo(k)fluoranthene	22.69	252	33052	0.575	ng/ul#	66
23) Benzo(a)pyrene	23.24	252	12602	0.232	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.47	276	8699	0.137	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.47	278	2421	0.047	ng/ul#	1
26) Benzo(g,h,i)perylene	26.12	276	9350	0.176	ng/ul#	81

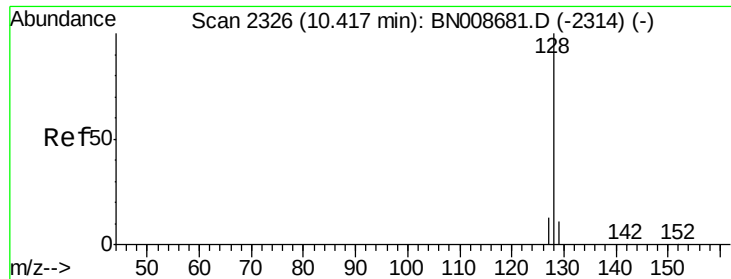
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 06:34:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.226 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

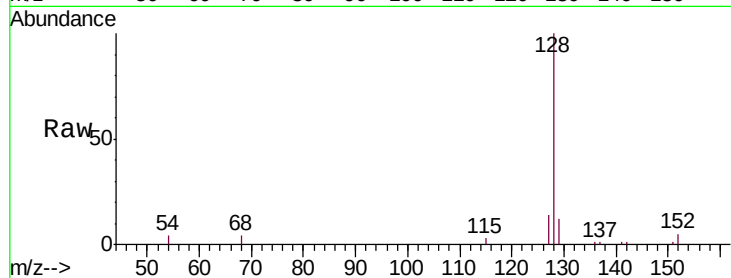
Tgt Ion:128 Resp: 9613

Ion Ratio Lower Upper

128 100

129 12.2 9.7 14.5

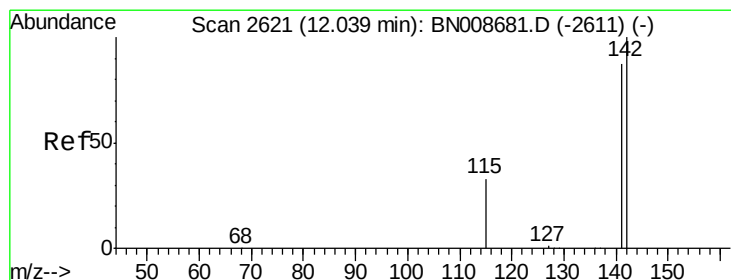
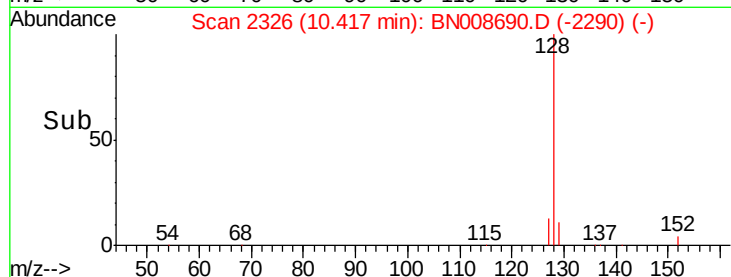
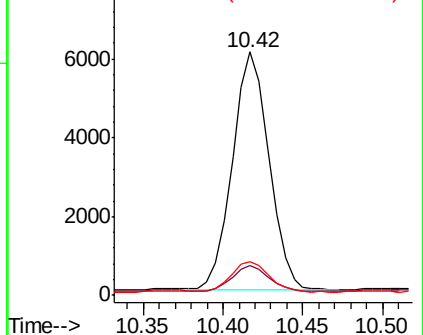
127 13.9 10.8 16.2



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: 0.283 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BN008690.D

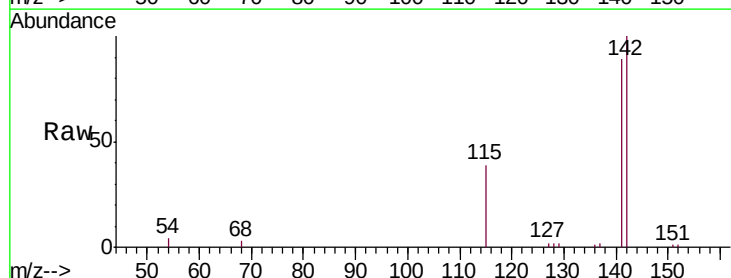
Acq: 21 Nov 2019 22:51

Tgt Ion:142 Resp: 8400

Ion Ratio Lower Upper

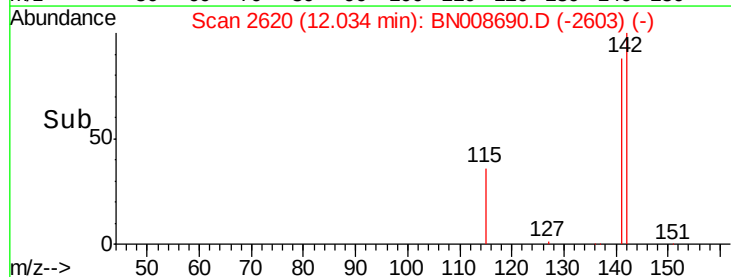
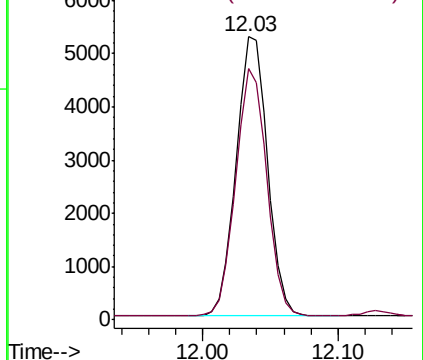
142 100

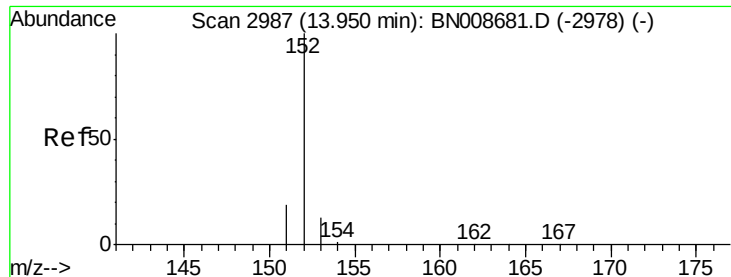
141 88.0 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

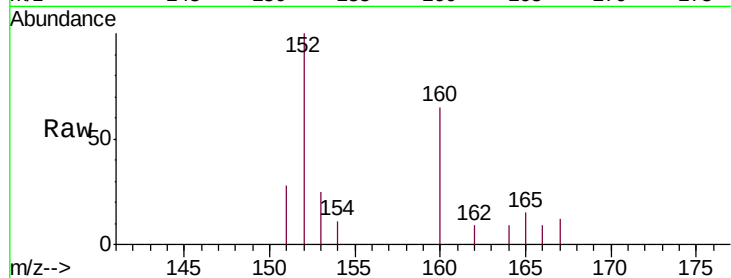
Tgt Ion:152 Resp: 1376

Ion Ratio Lower Upper

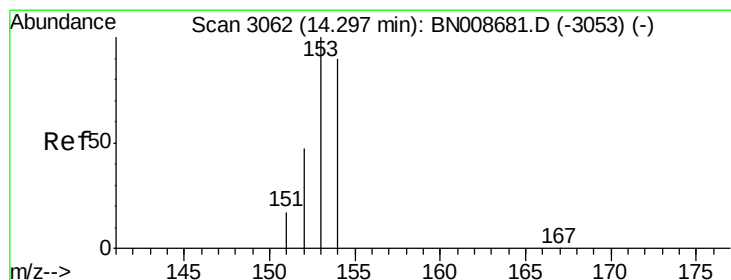
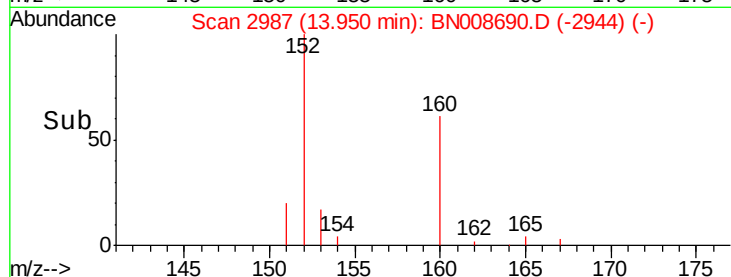
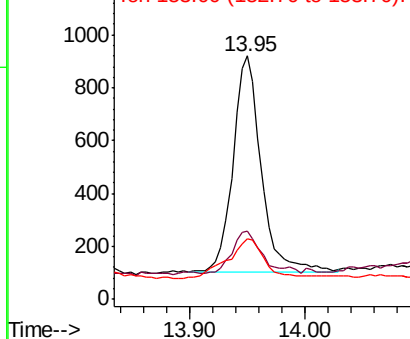
152 100

151 28.1 16.6 24.8#

153 25.0 11.1 16.7#



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: 0.045 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

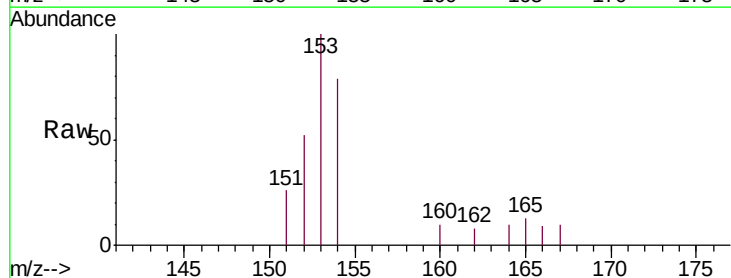
Tgt Ion:153 Resp: 1531

Ion Ratio Lower Upper

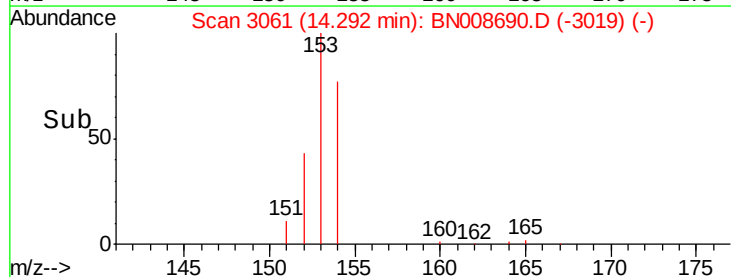
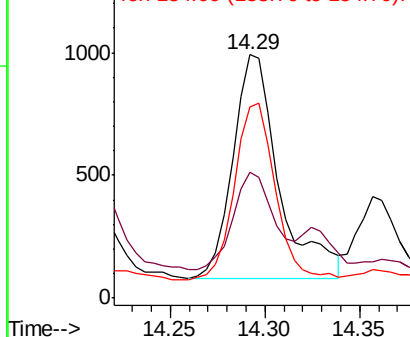
153 100

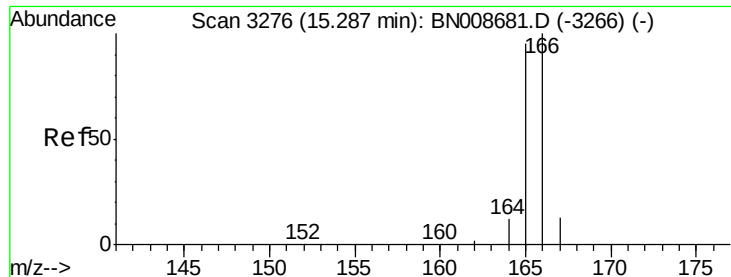
152 51.9 39.6 59.4

154 78.5 70.6 106.0



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

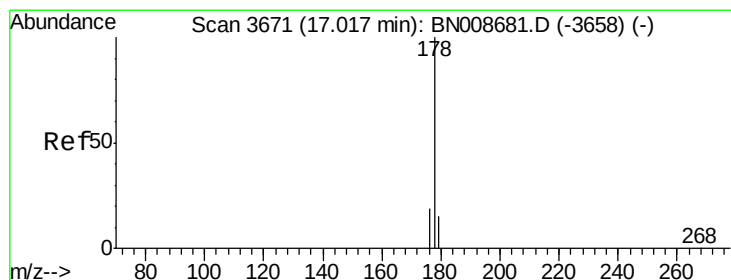
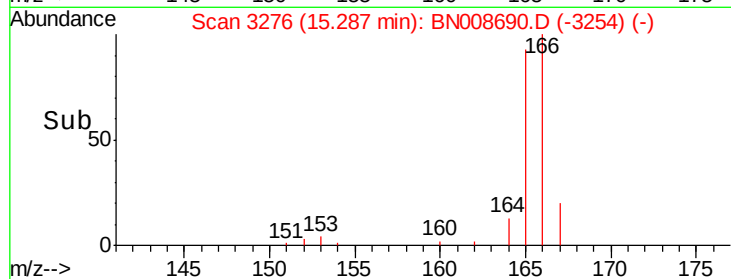
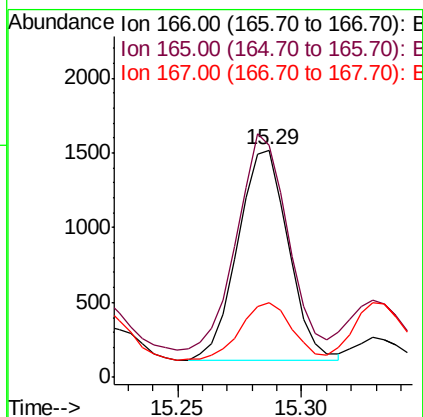
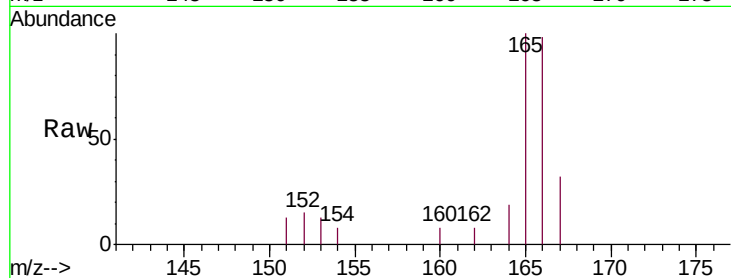




#9
Fluorene
 Concen: 0.051 ng/ul
 RT: 15.29 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BN008690.D
 Acq: 21 Nov 2019 22:51

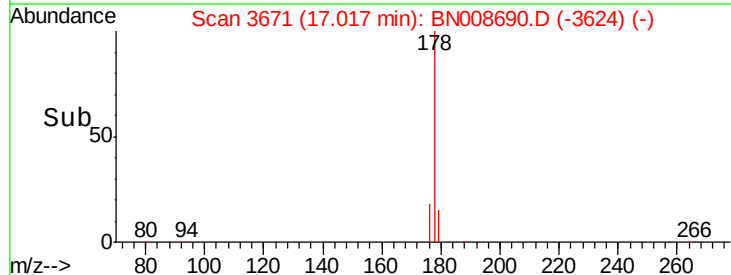
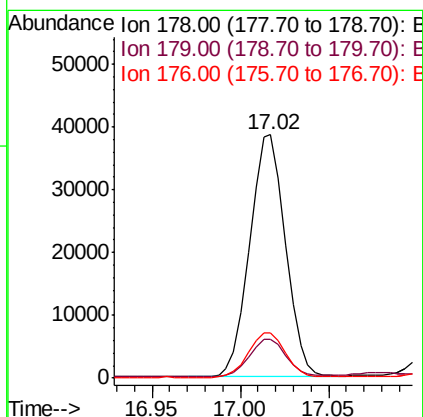
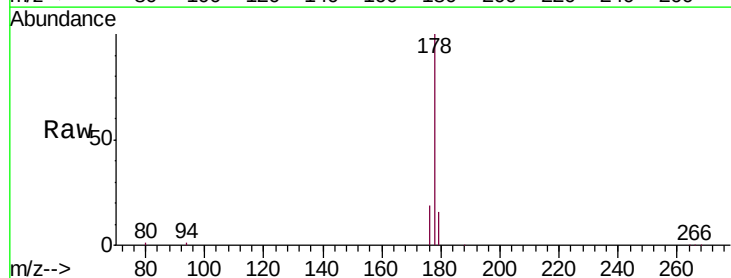
Instrument :
 BNA_N
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 C0AB3DL

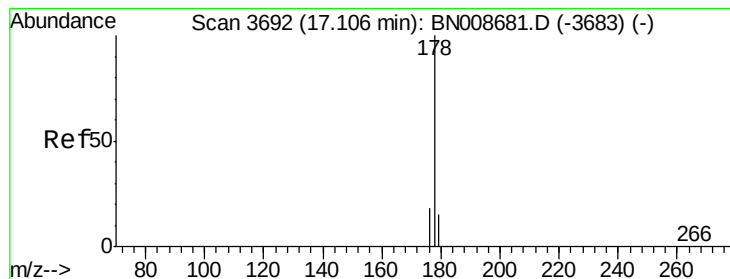
Tgt Ion:166 Resp: 2002
 Ion Ratio Lower Upper
 166 100
 165 102.0 77.4 116.0
 167 33.0 11.4 17.0#



#12
Phenanthrene
 Concen: 0.981 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. 0.00 min
 Lab File: BN008690.D
 Acq: 21 Nov 2019 22:51

Tgt Ion:178 Resp: 54269
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.8 19.2
 176 18.6 16.0 24.0





#13

Anthracene

Concen: 0.088 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

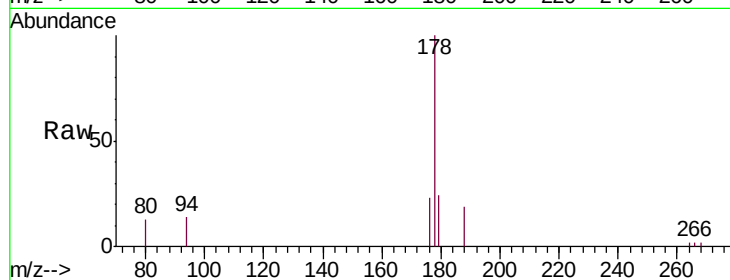
Tgt Ion:178 Resp: 4613

Ion Ratio Lower Upper

178 100

179 23.9 13.0 19.4#

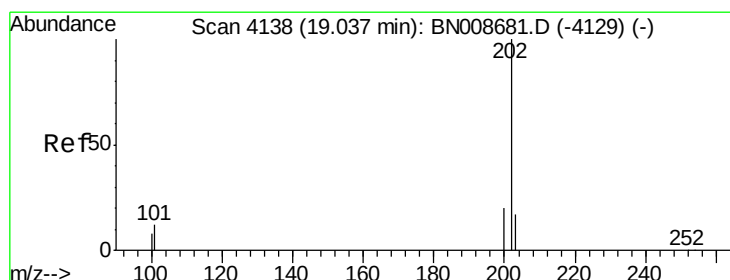
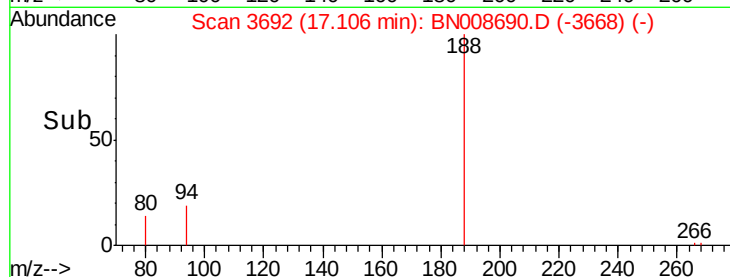
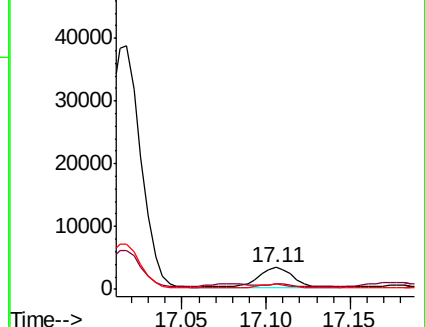
176 23.1 15.3 22.9#



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



#15

Fluoranthene

Concen: 1.143 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

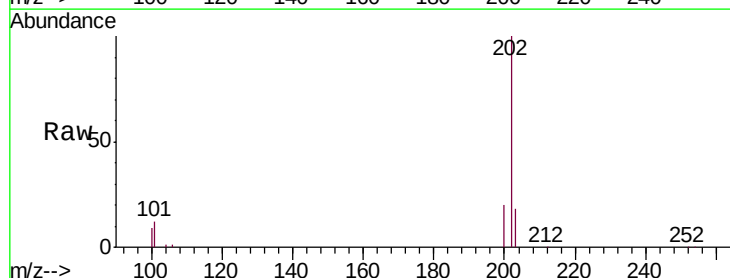
Tgt Ion:202 Resp: 77685

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.6

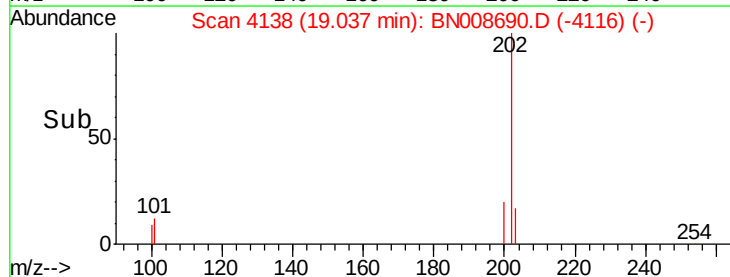
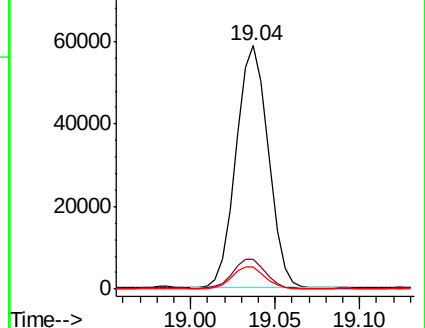
100 9.1 0.0 27.0

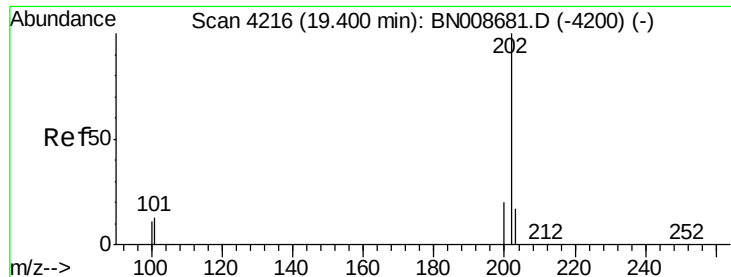


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

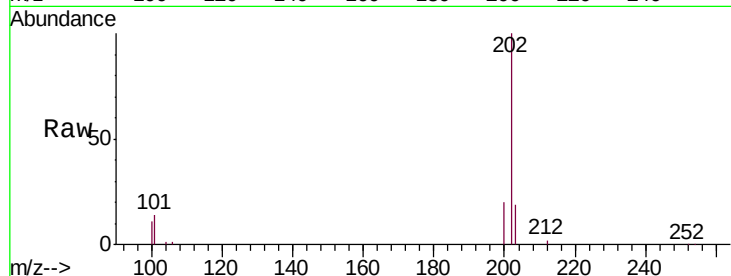




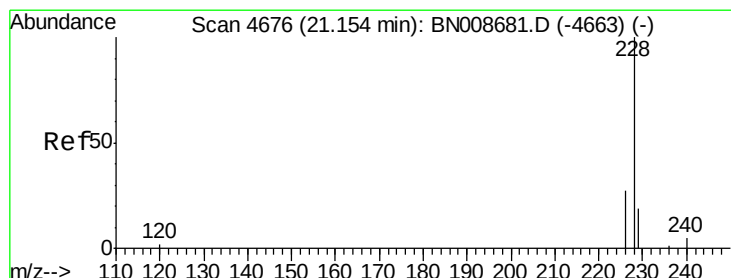
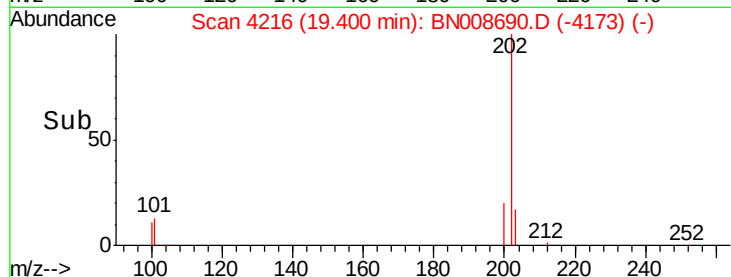
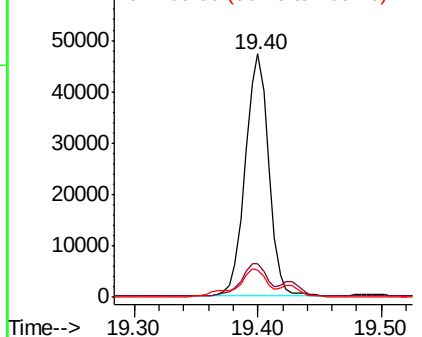
#17
Pyrene
Concen: 1.145 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

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BNA_N
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Tgt Ion:202 Resp: 62623
Ion Ratio Lower Upper
202 100
101 13.8 10.2 15.2
100 11.3 8.2 12.2

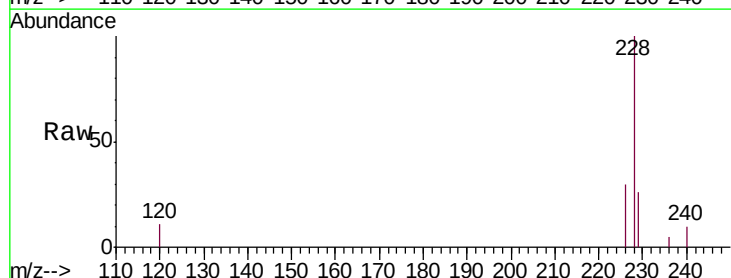


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

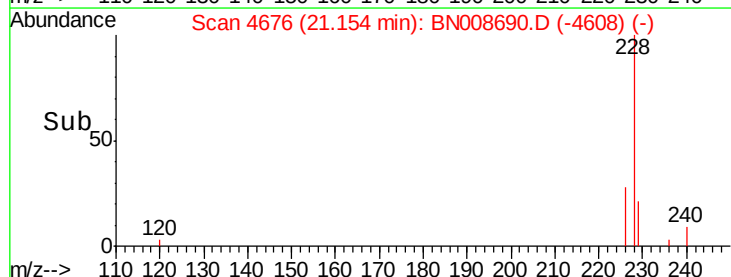
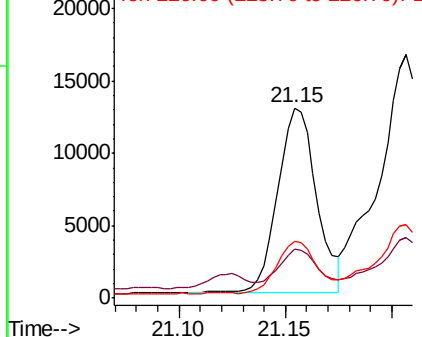


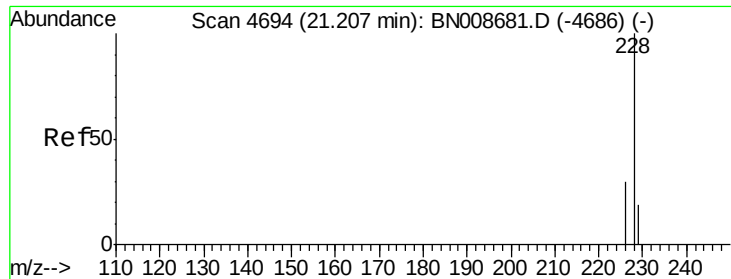
#18
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. 0.00 min
Lab File: BN008690.D
Acq: 21 Nov 2019 22:51

Tgt Ion:228 Resp: 16319
Ion Ratio Lower Upper
228 100
229 25.5 15.8 23.6#
226 29.8 21.6 32.4



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: 0.459 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

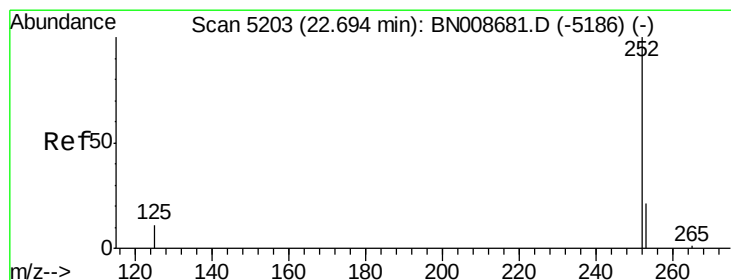
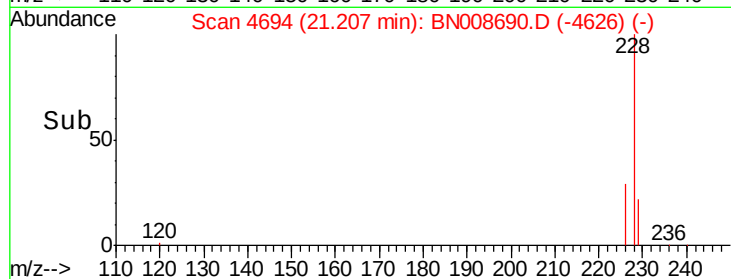
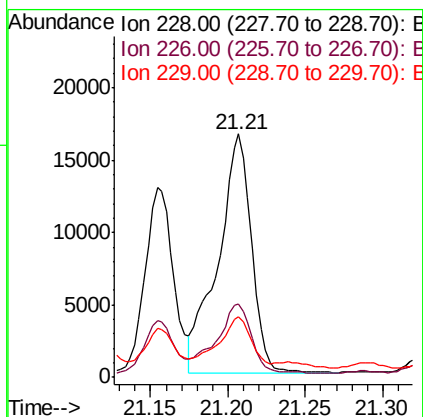
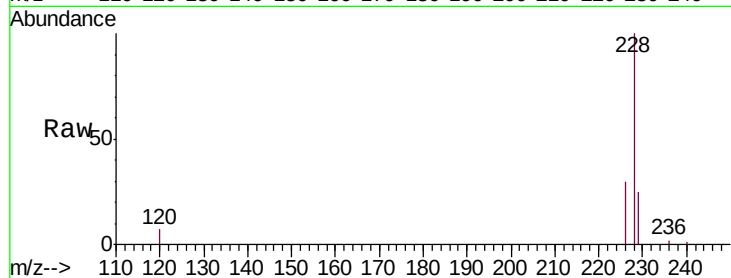
Tgt Ion:228 Resp: 24700

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 24.9 15.5 23.3#



#21

Benzo(b)fluoranthene

Concen: 0.570 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. 0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

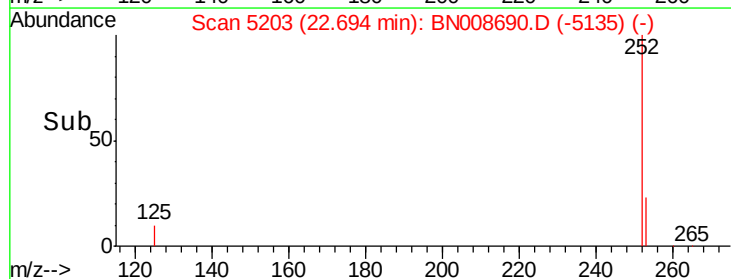
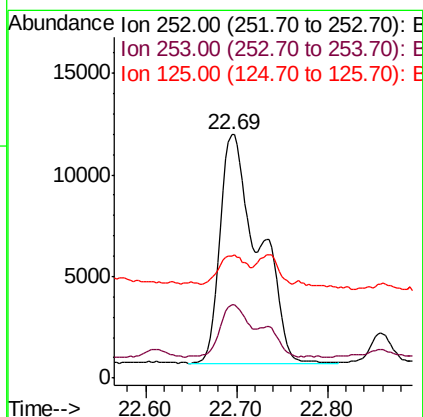
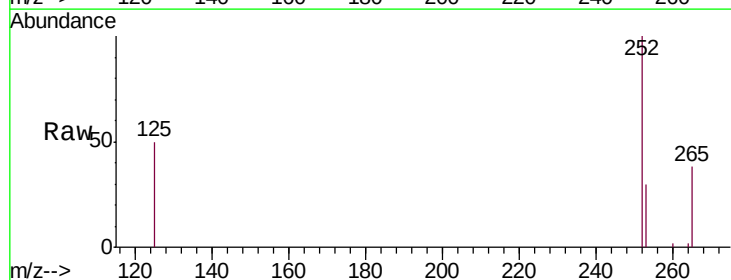
Tgt Ion:252 Resp: 33052

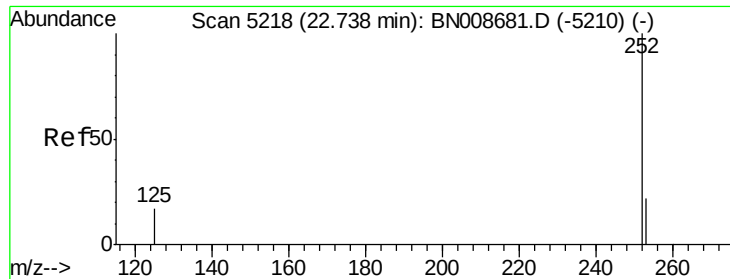
Ion Ratio Lower Upper

252 100

253 29.9 0.0 50.2

125 49.9 0.0 30.0#





#22

Benzo(k)fluoranthene

Concen: 0.575 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.04 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

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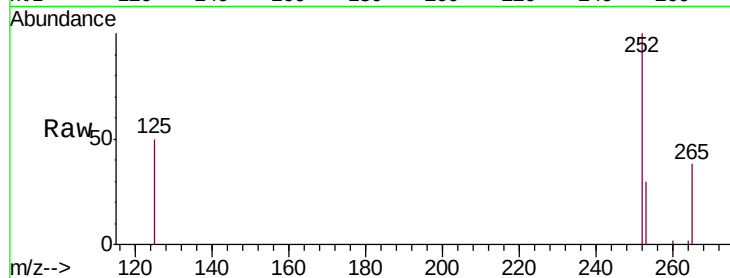
Tgt Ion:252 Resp: 33052

Ion Ratio Lower Upper

252 100

253 29.9 20.5 30.7

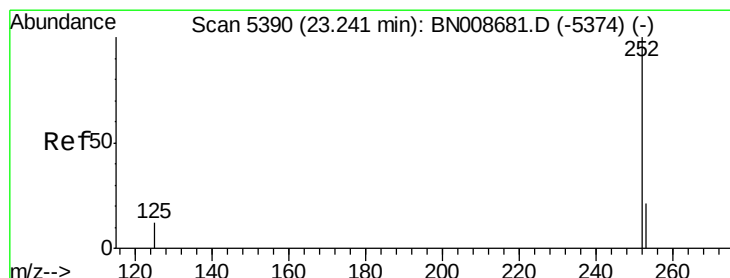
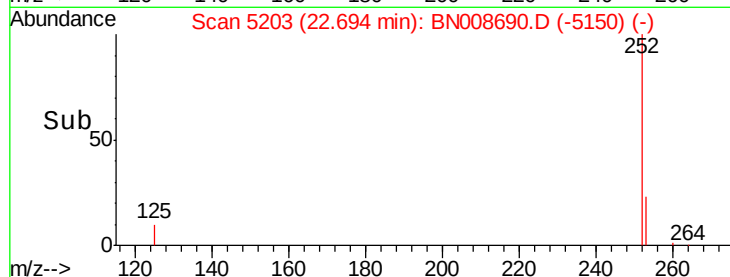
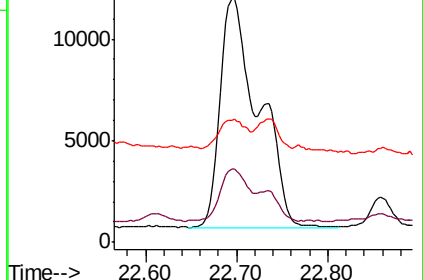
125 49.9 15.0 22.4#



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



#23

Benzo(a)pyrene

Concen: 0.232 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

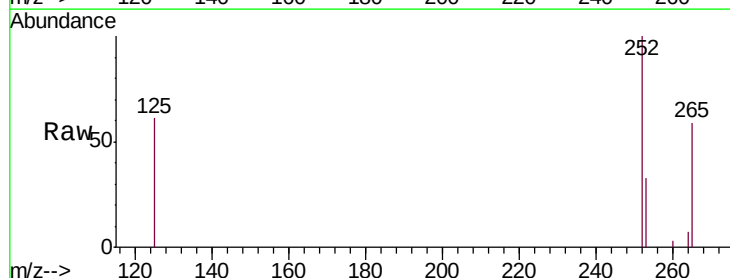
Tgt Ion:252 Resp: 12602

Ion Ratio Lower Upper

252 100

253 33.4 21.4 32.2#

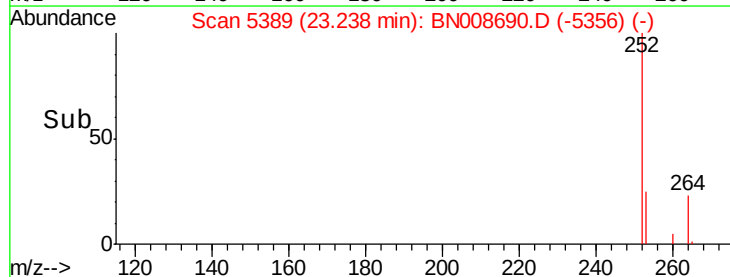
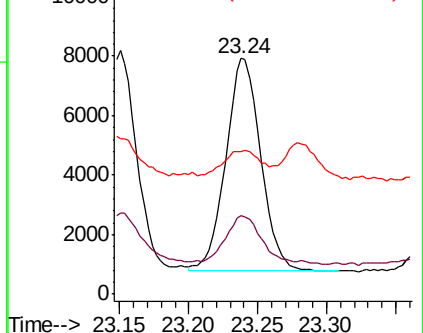
125 60.7 13.8 20.8#

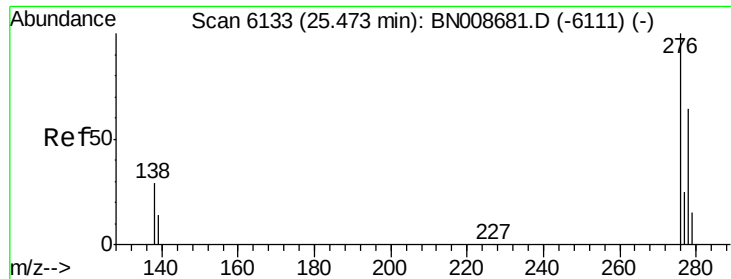


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.137 ng/ul

RT: 25.47 min Scan# 6131

Delta R.T. -0.01 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

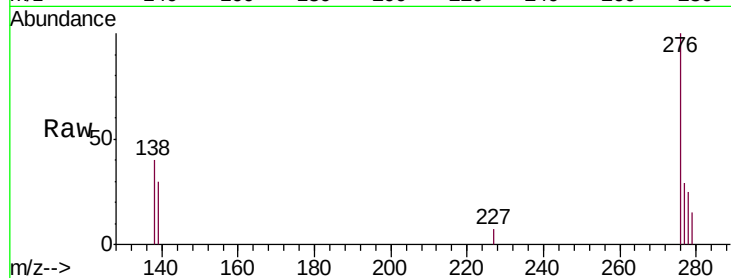
Tgt Ion:276 Resp: 8699

Ion Ratio Lower Upper

276 100

138 29.4 21.7 32.5

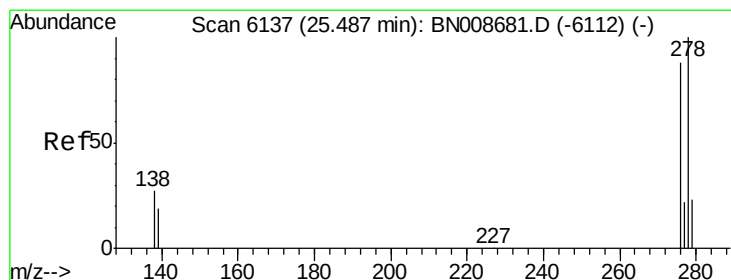
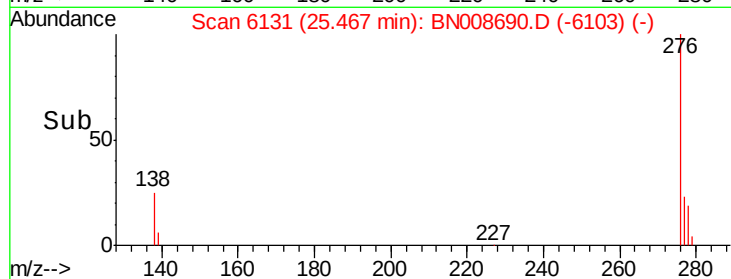
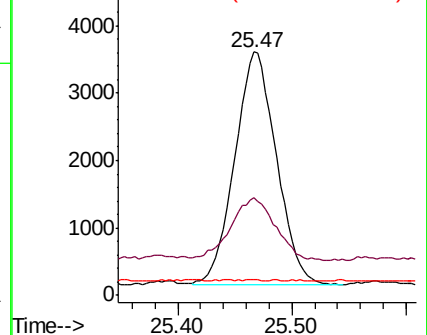
227 0.7 0.2 0.2#



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: 0.047 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.01 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

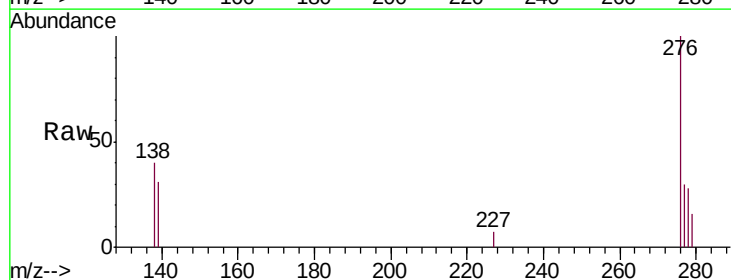
Tgt Ion:278 Resp: 2421

Ion Ratio Lower Upper

278 100

139 108.5 18.7 28.1#

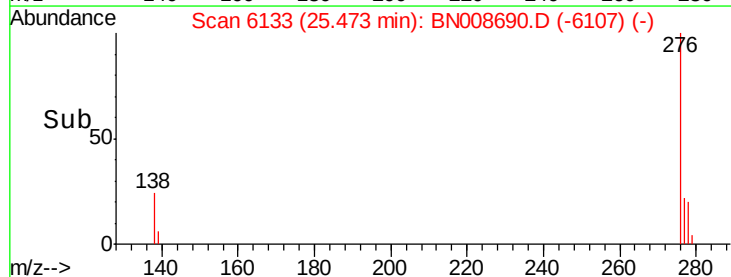
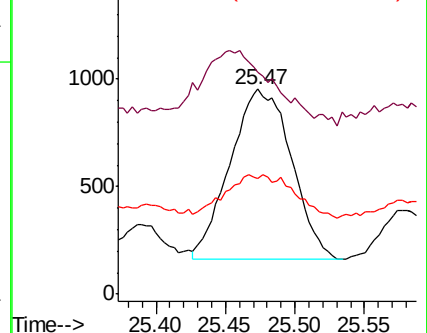
279 56.6 20.8 31.2#

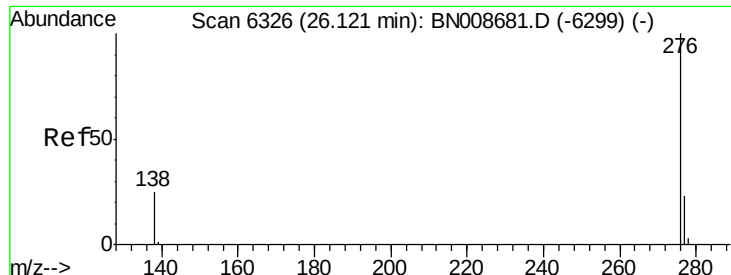


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.176 ng/ul

RT: 26.12 min Scan# 6325

Delta R.T. -0.00 min

Lab File: BN008690.D

Acq: 21 Nov 2019 22:51

Instrument :

BNA_N

ClientSampleId :

C0AB3DL

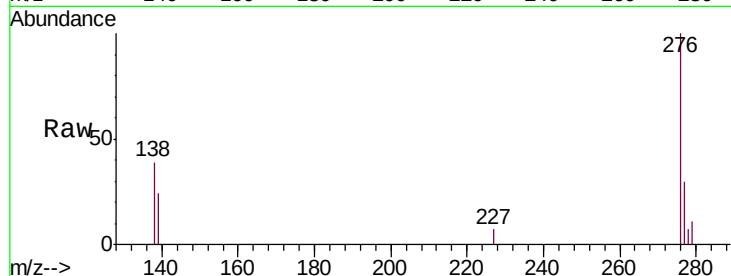
Tgt Ion: 276 Resp: 9350

Ion Ratio Lower Upper

276 100

138 39.4 20.0 30.0#

277 29.6 20.0 30.0



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

