

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008359.D
 Acq On : 23 Oct 2019 20:55
 Operator : JU
 Sample : K5223-17DL 2X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:39:02 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

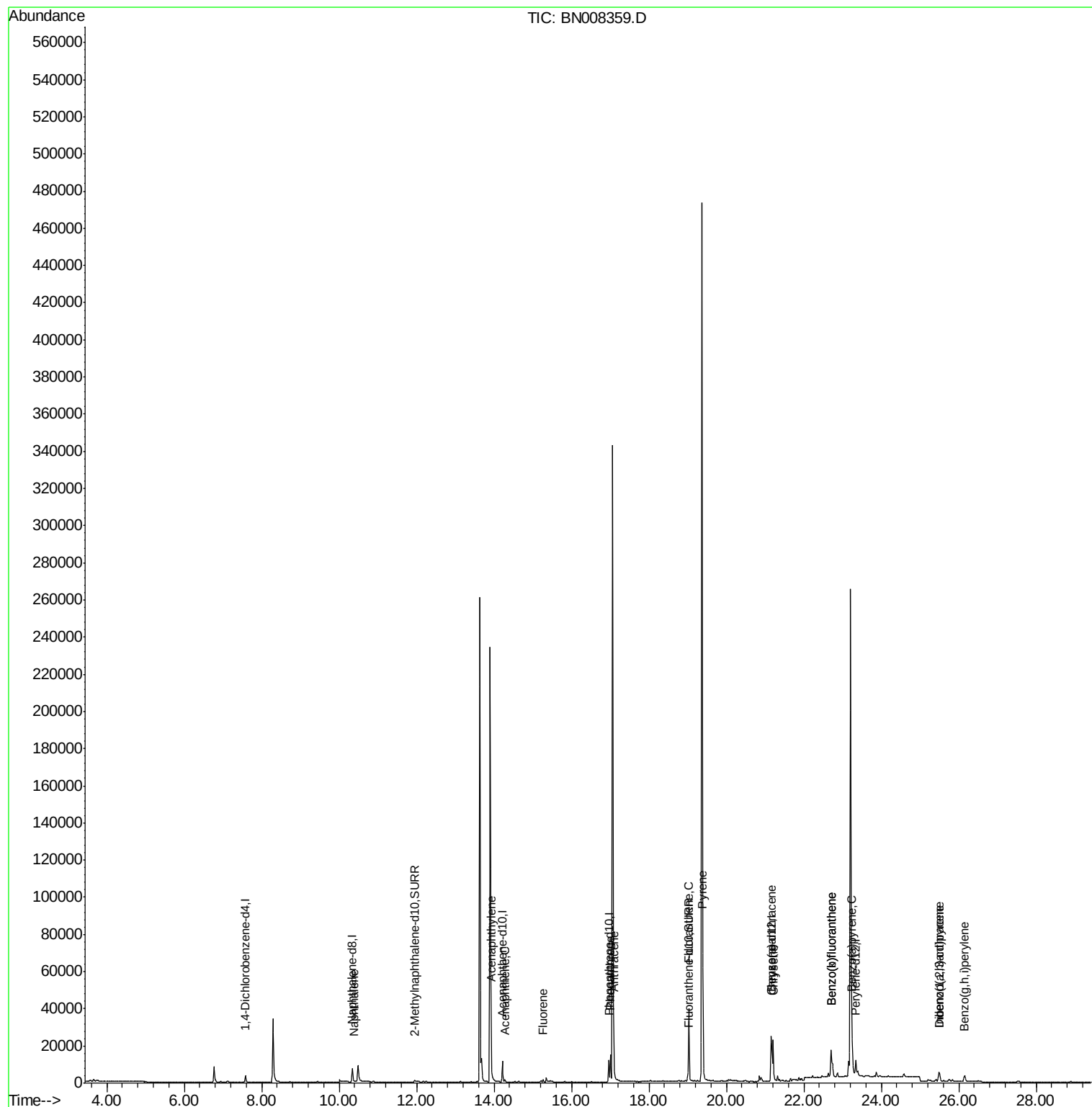
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2080	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	10028	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6359	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13781	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11905	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10063	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1779	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5239	0.11	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	640	0.022	ng/ul#	73
7) Acenaphthylene	13.93	152	936	0.031	ng/ul#	83
8) Acenaphthene	14.27	153	744	0.032	ng/ul	94
9) Fluorene	15.27	166	799	0.030	ng/ul#	95
12) Phenanthrene	17.00	178	15494	0.384	ng/ul	100
13) Anthracene	17.09	178	3001	0.085	ng/ul#	94
15) Fluoranthene	19.03	202	35733	0.671	ng/ul	96
17) Pyrene	19.40	202	41901	0.884	ng/ul	99
18) Benzo(a)anthracene	21.15	228	20591	0.476	ng/ul	97
19) Chrysene	21.21	228	23611	0.445	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	30764	0.939	ng/ul	94
22) Benzo(k)fluoranthene	22.70	252	30764	0.829	ng/ul#	93
23) Benzo(a)pyrene	23.25	252	16156	0.469	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.49	276	8638	0.213	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.49	278	2100	0.065	ng/ul#	71
26) Benzo(a,h,i)perylene	26.14	276	6957	0.187	ng/ul#	94

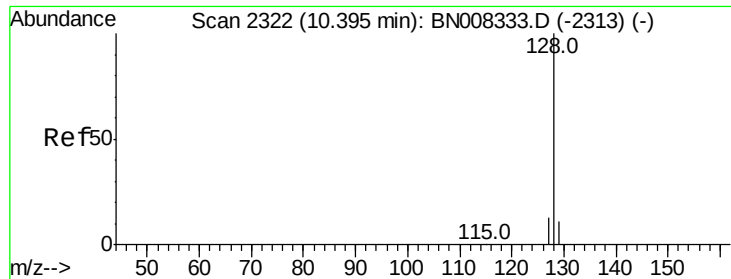
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampled :

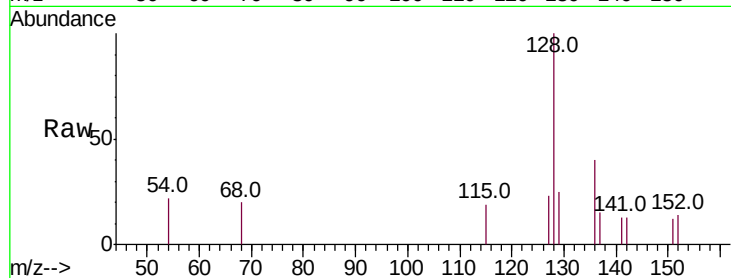
Tot Ion:128 Resp: 640

Ion Ratio Lower Upper

128 100

129 25.3 9.8 14.8#

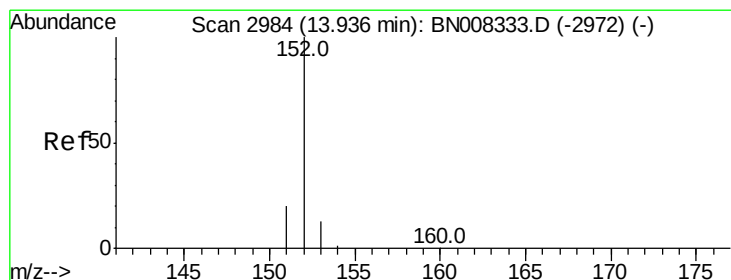
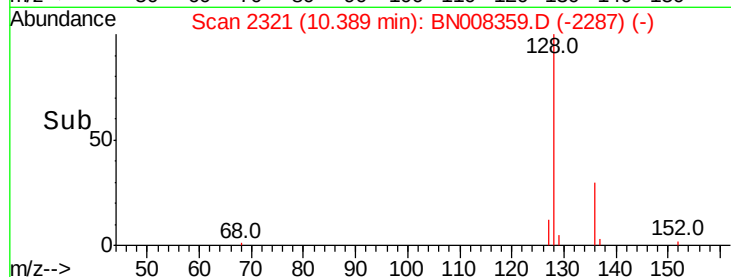
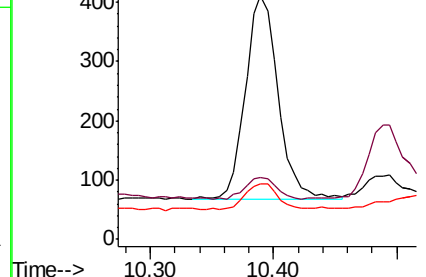
127 22.9 11.1 16.7#



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: 0.031 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

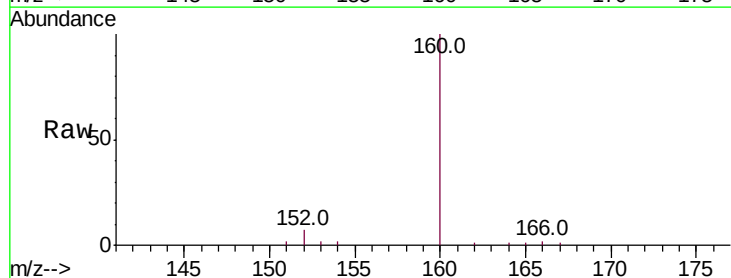
Tgt Ion:152 Resp: 936

Ion Ratio Lower Upper

152 100

151 26.6 16.2 24.4#

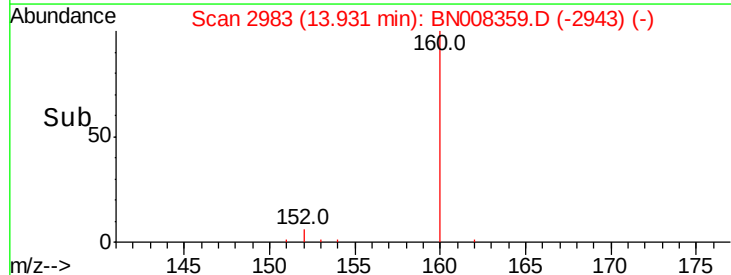
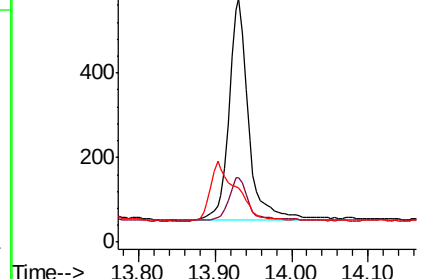
153 22.4 11.0 16.4#

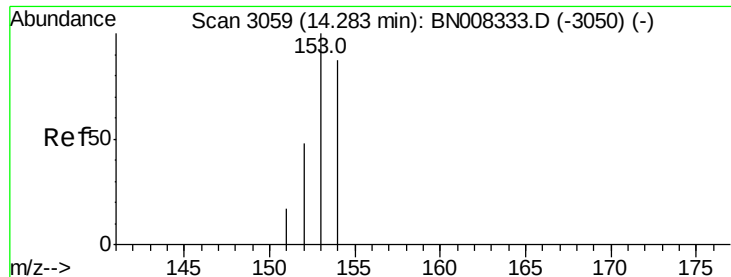


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.27 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

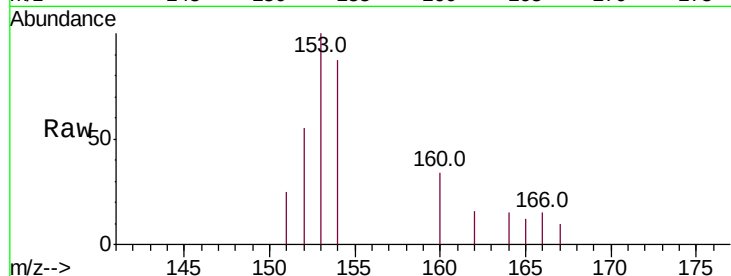
Tot Ion:153 Resp: 744

Ion Ratio Lower Upper

153 100

152 54.9 38.2 57.2

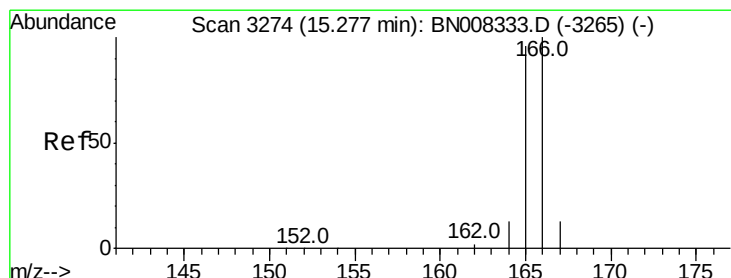
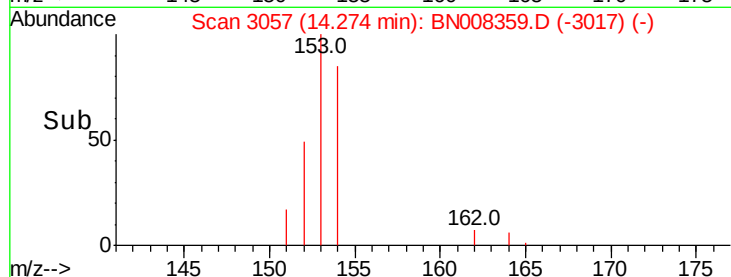
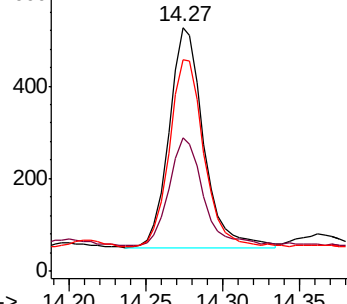
154 86.9 71.8 107.8



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: 0.030 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

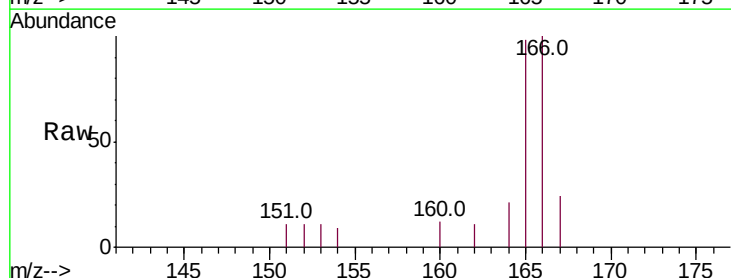
Tgt Ion:166 Resp: 799

Ion Ratio Lower Upper

166 100

165 97.7 76.6 115.0

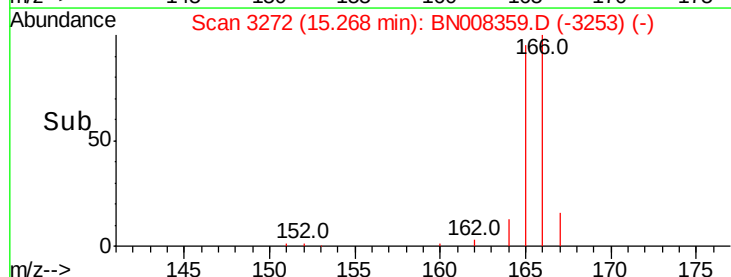
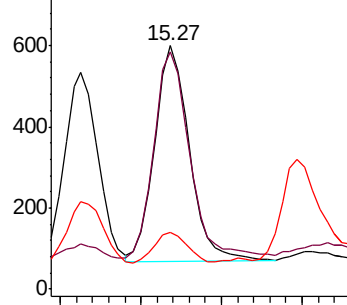
167 23.5 11.7 17.5#

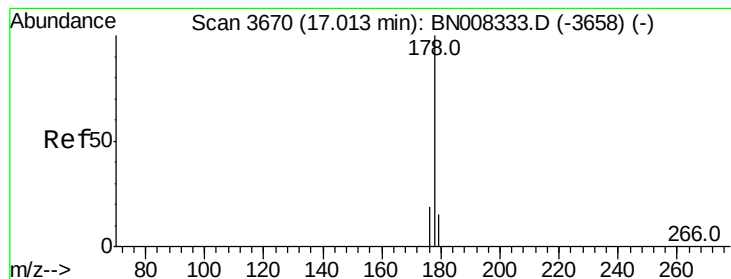


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.384 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

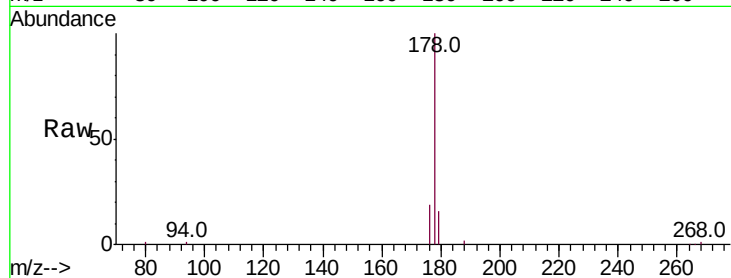
Tot Ion:178 Resp: 15494

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

176 19.0 15.4 23.2

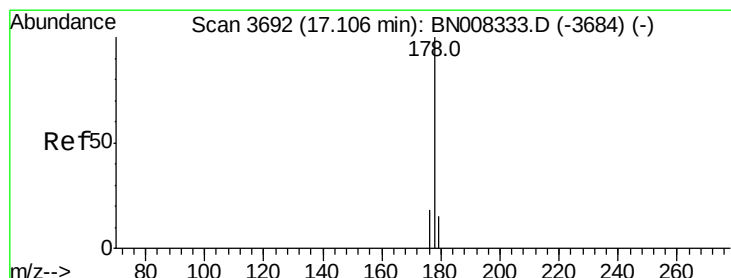
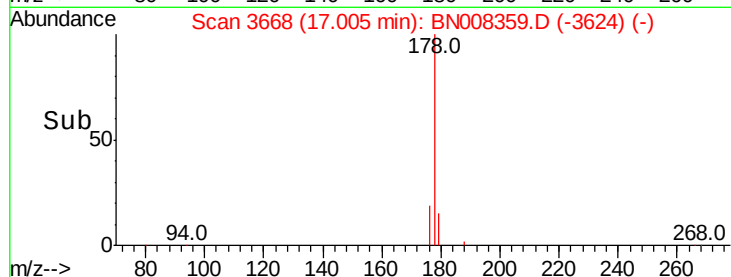
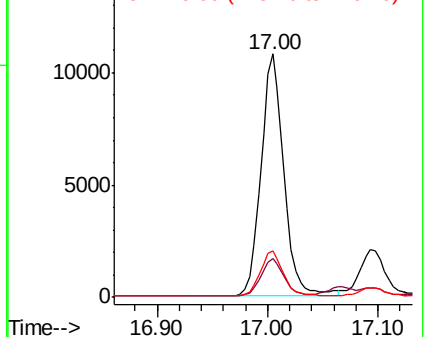


Abundance

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: 0.085 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

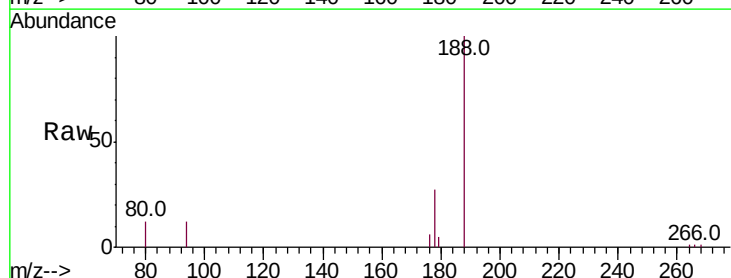
Tgt Ion:178 Resp: 3001

Ion Ratio Lower Upper

178 100

179 19.9 13.0 19.6#

176 20.7 15.0 22.6

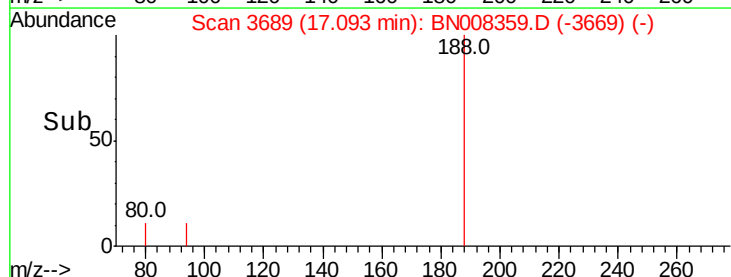
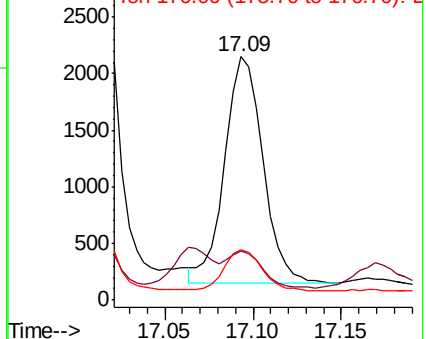


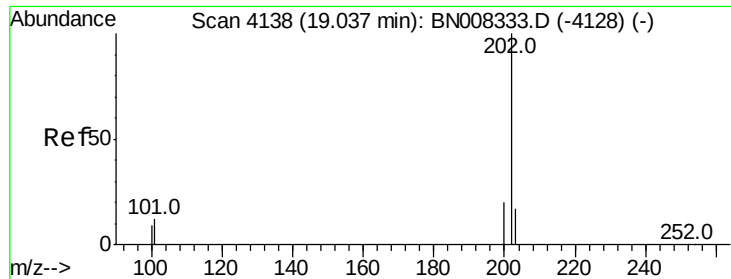
Abundance

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

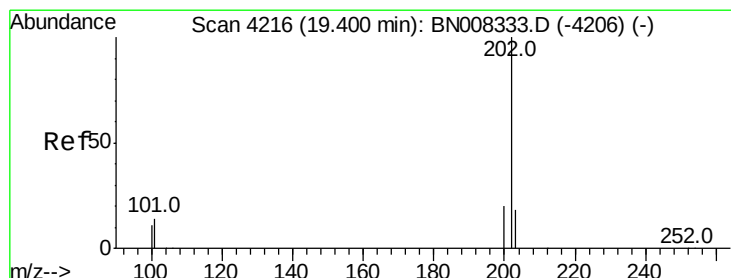
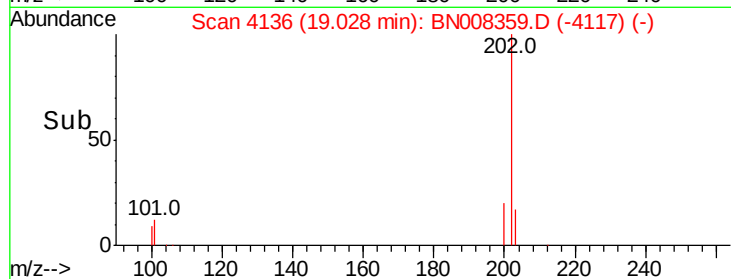
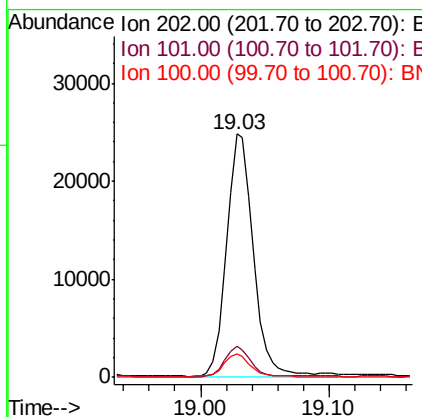
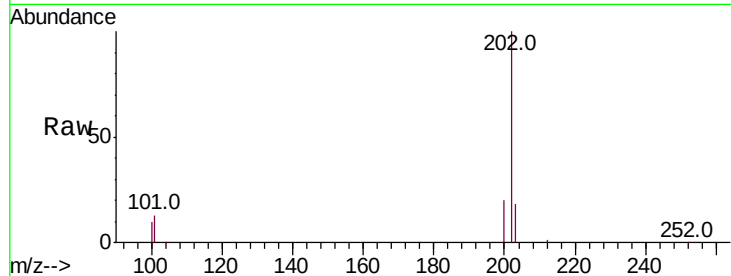




#15
Fluoranthene
Concen: 0.671 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008359.D
Acq: 23 Oct 2019 20:55

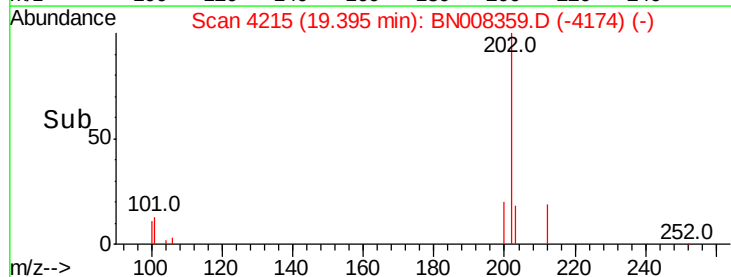
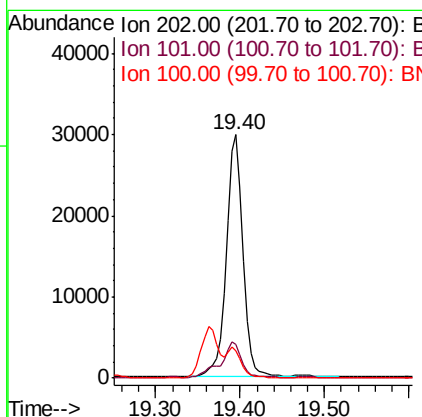
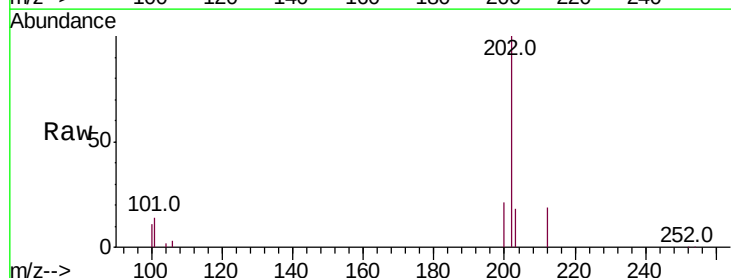
Instrument :
BNA_N
ClientSampleId :

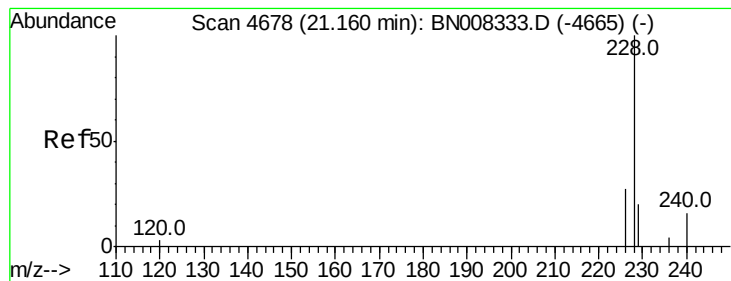
Tot Ion:202 Resp: 35733
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.2
100 9.7 0.0 28.5



#17
Pyrene
Concen: 0.884 ng/ul
RT: 19.40 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008359.D
Acq: 23 Oct 2019 20:55

Tgt Ion:202 Resp: 41901
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.4 8.7 13.1





#18

Benzo(a)anthracene

Concen: 0.476 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

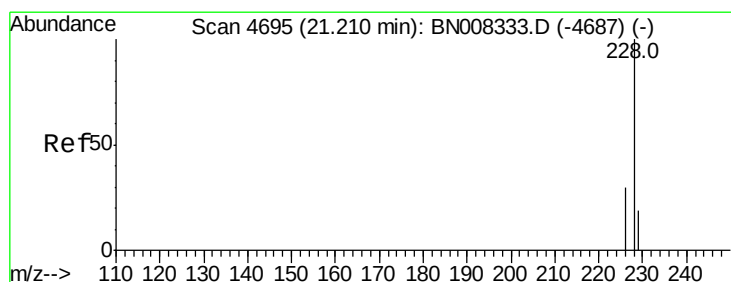
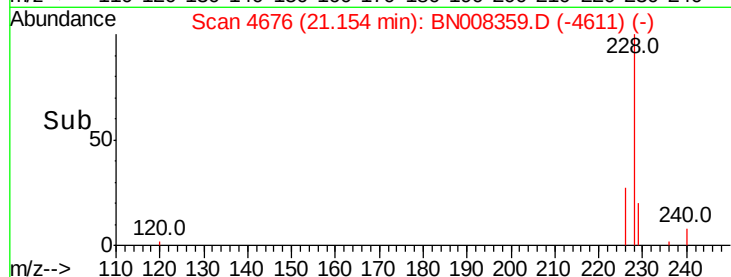
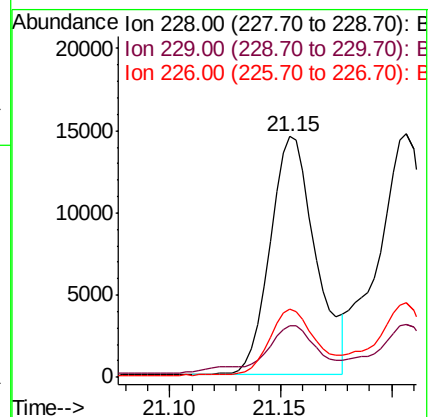
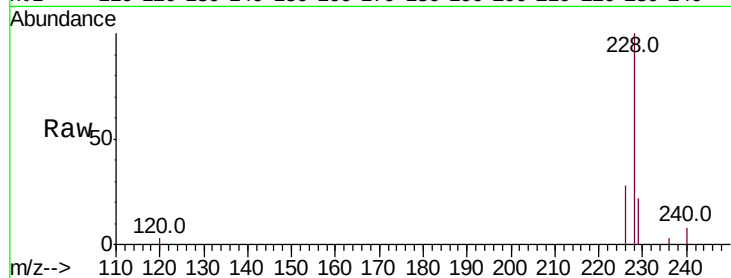
Tot Ion:228 Resp: 20591

Ion Ratio Lower Upper

228 100

229 21.5 16.2 24.2

226 28.3 21.4 32.0



#19

Chrysene

Concen: 0.445 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

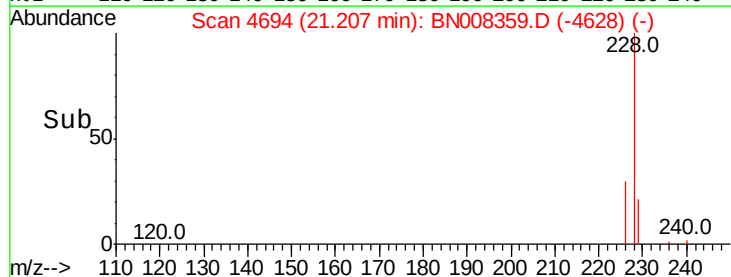
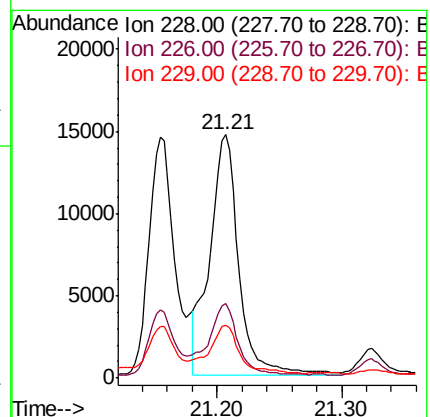
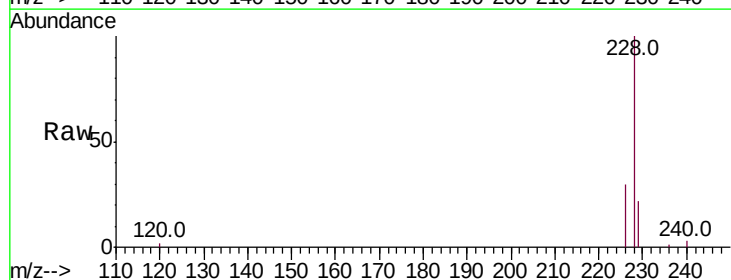
Tgt Ion:228 Resp: 23611

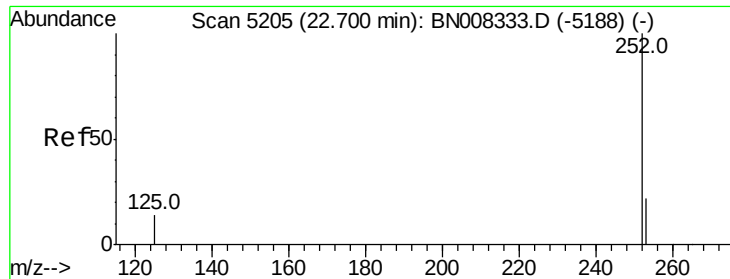
Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 21.7 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 0.939 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

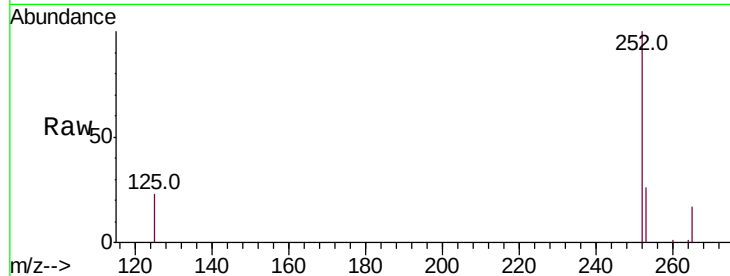
Tot Ion:252 Resp: 30764

Ion Ratio Lower Upper

252 100

253 26.4 0.0 53.4

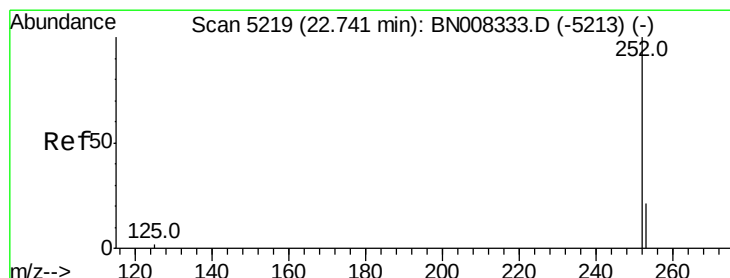
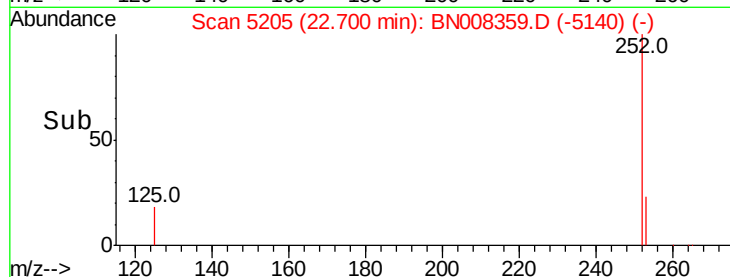
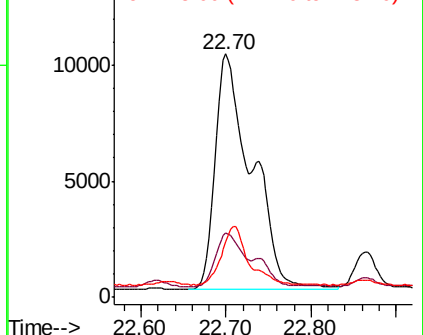
125 22.9 0.0 32.4



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: 0.829 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.05 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

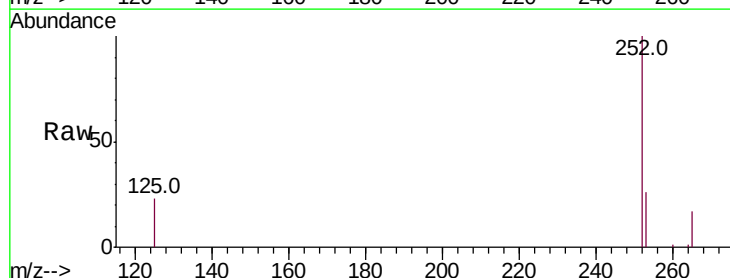
Tgt Ion:252 Resp: 30764

Ion Ratio Lower Upper

252 100

253 26.4 21.3 31.9

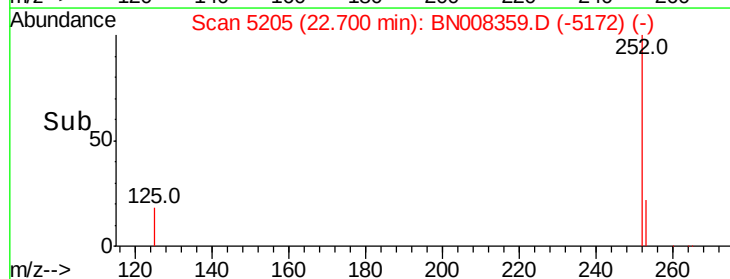
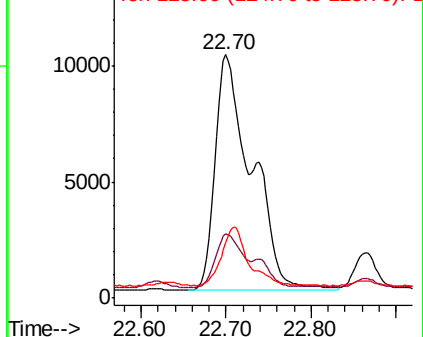
125 22.9 12.3 18.5#

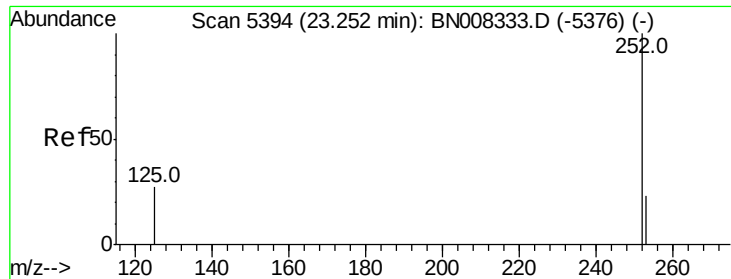


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.469 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. -0.01 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

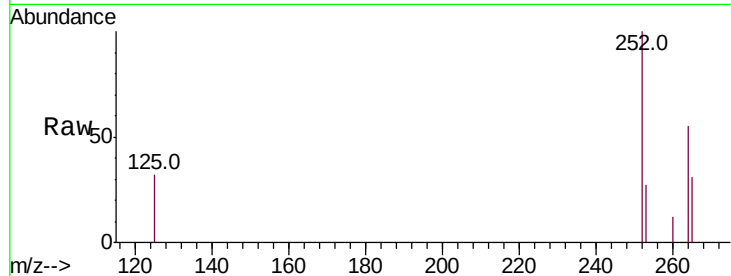
Tot Ion:252 Resp: 16156

Ion Ratio Lower Upper

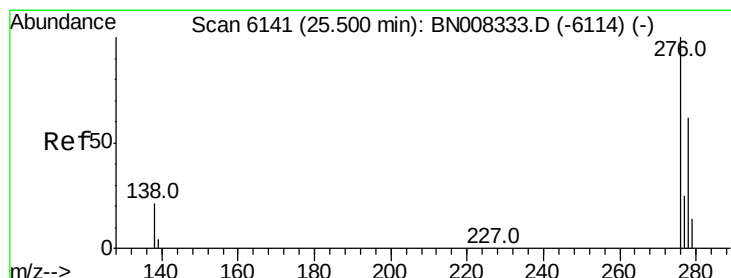
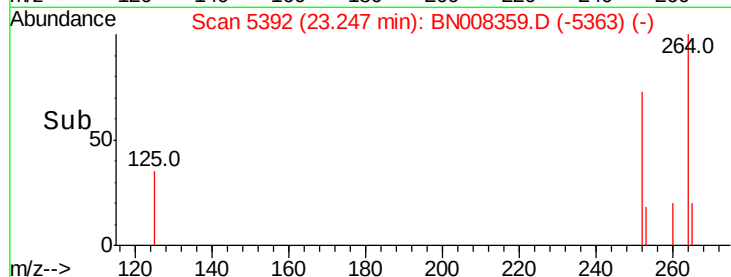
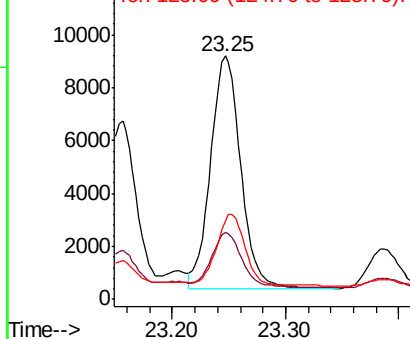
252 100

253 27.3 22.8 34.2

125 32.2 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: 0.213 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.02 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

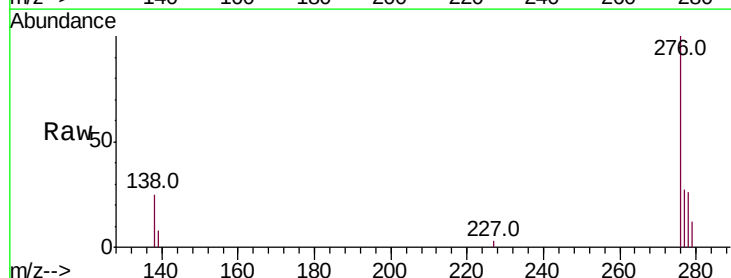
Tgt Ion:276 Resp: 8638

Ion Ratio Lower Upper

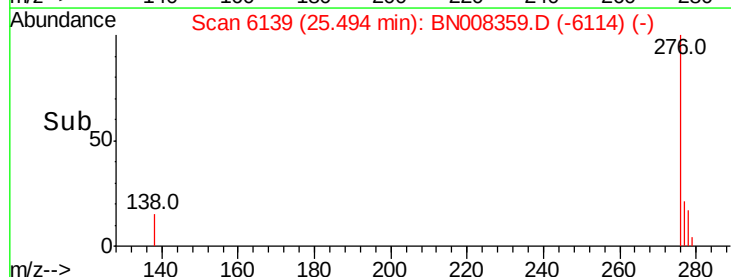
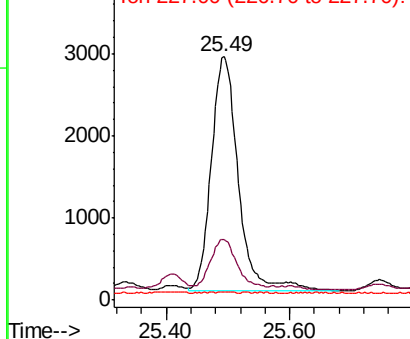
276 100

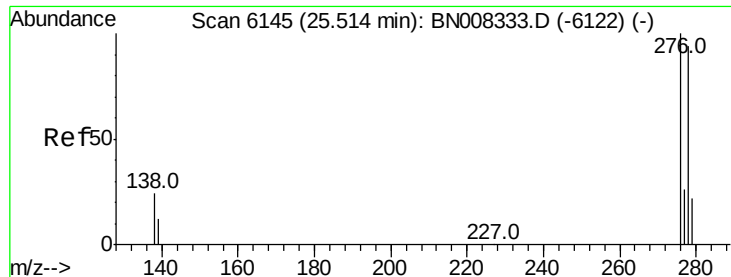
138 23.9 16.1 24.1

227 0.0 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: 0.065 ng/ul

RT: 25.49 min Scan# 6139

Delta R.T. -0.03 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

Instrument :

BNA_N

ClientSampleId :

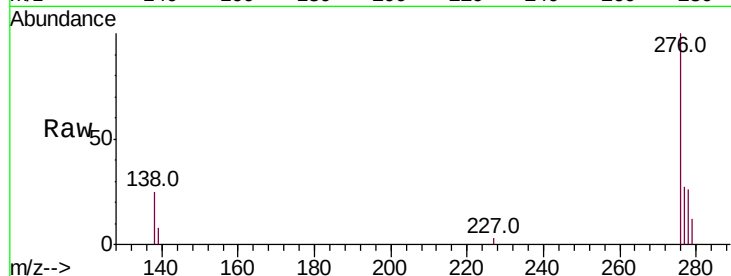
Tot Ion:278 Resp: 2100

Ion Ratio Lower Upper

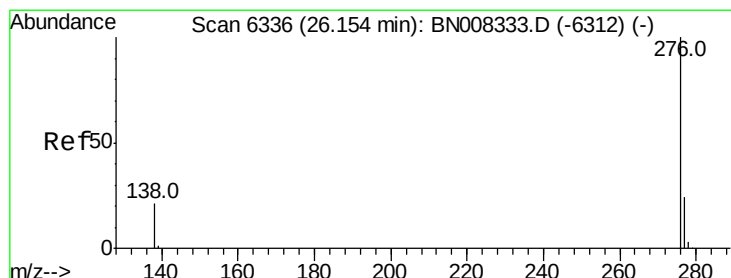
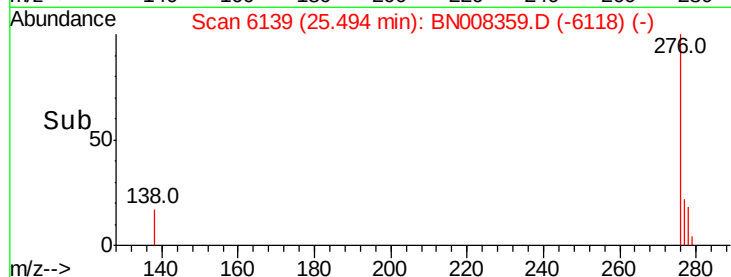
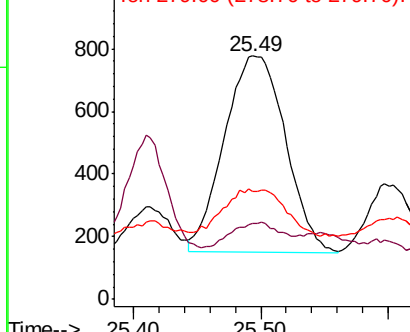
278 100

139 31.1 15.0 22.6#

279 44.1 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: 0.187 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

Lab File: BN008359.D

Acq: 23 Oct 2019 20:55

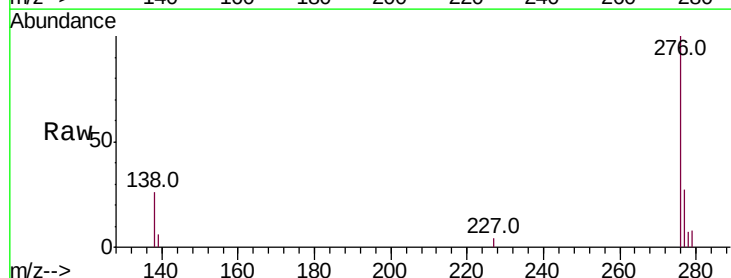
Tgt Ion:276 Resp: 6957

Ion Ratio Lower Upper

276 100

138 25.6 17.0 25.4#

277 27.0 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

