

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011720\
 Data File : BN009394.D
 Acq On : 17 Jan 2020 14:03
 Operator : JU
 Sample : L1071-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2L46

Quant Time: Jan 17 14:37:16 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	7.48	152	1120	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	3642	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2151	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4347	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	3662	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	3931	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	1536	0.26	ng/ul	0.01
14) Fluoranthene-d10	18.89	212	4113	0.31	ng/ul	0.00

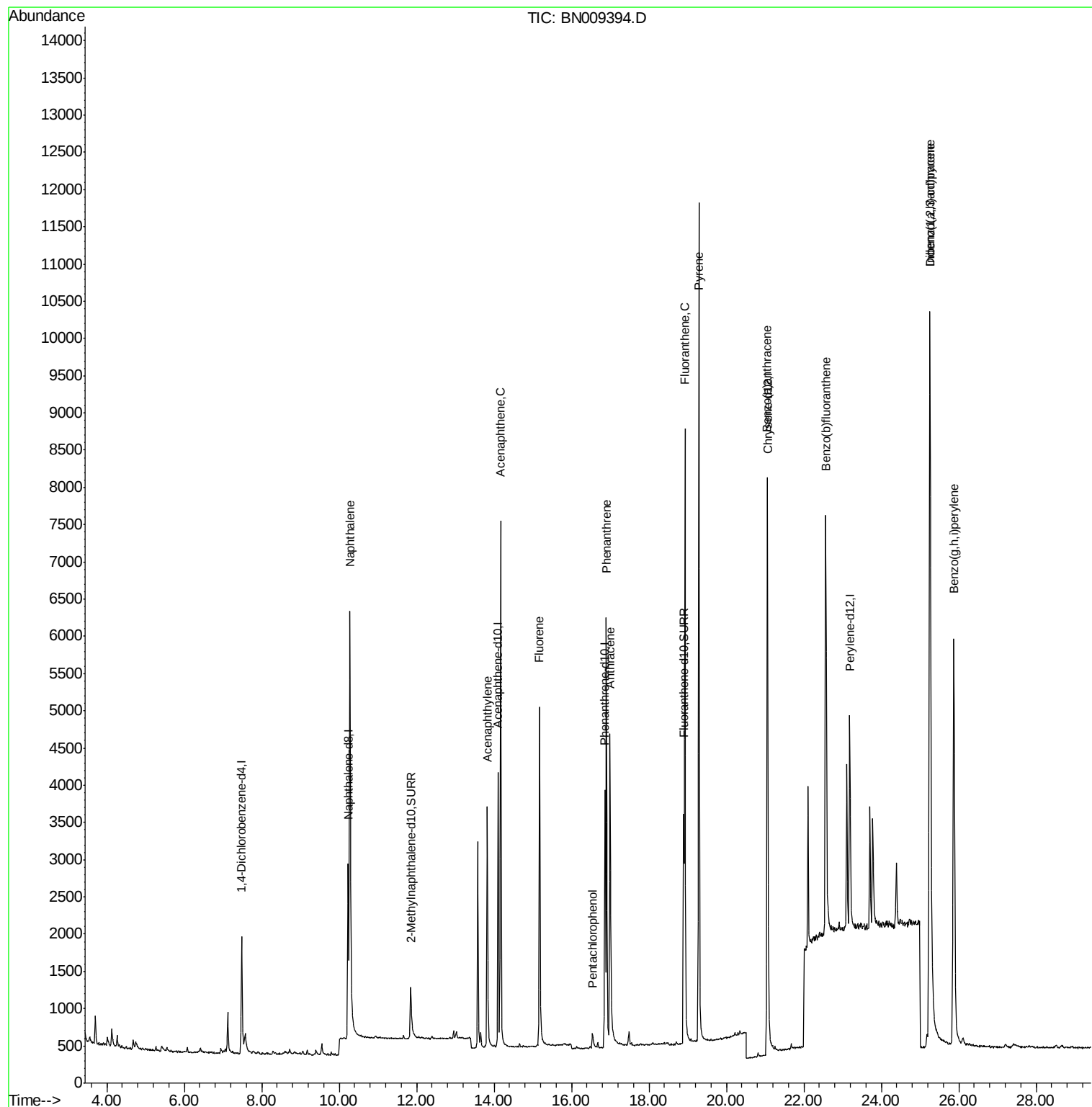
Target Compounds				Ovalue		
3) Naphthalene	10.27	128	10186	0.930	ng/ul	99
7) Acenaphthylene	13.82	152	4363	0.398	ng/ul	98
8) Acenaphthene	14.17	153	4149	0.470	ng/ul	99
9) Fluorene	15.17	166	3705	0.365	ng/ul	100
11) Pentachlorophenol	16.54	266	243	0.204	ng/ul	98
12) Phenanthrene	16.90	178	6814	0.454	ng/ul	100
13) Anthracene	17.00	178	6036	0.453	ng/ul	99
15) Fluoranthene	18.93	202	7720	0.434	ng/ul	99
17) Pyrene	19.29	202	10568	0.601	ng/ul	99
18) Benzo(a)anthracene	21.05	228	7933	0.494	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	8457	0.485	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.25	276	12604	0.647	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.26	278	9522	0.619	ng/ul	98
26) Benzo(g,h,i)perylene	25.88	276	11241	0.659	ng/ul	99

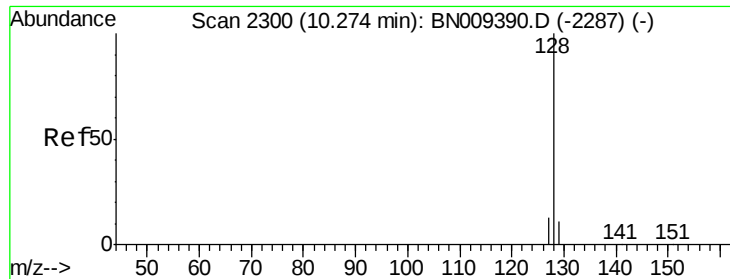
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.930 ng/ul

RT: 10.27 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

Instrument :

BNA_N

ClientSampleId :

X2L46

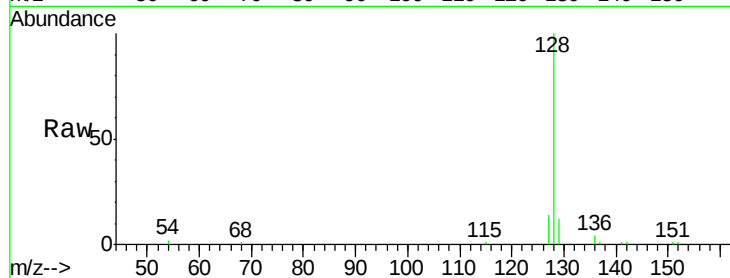
Tot Ion:128 Resp: 10186

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

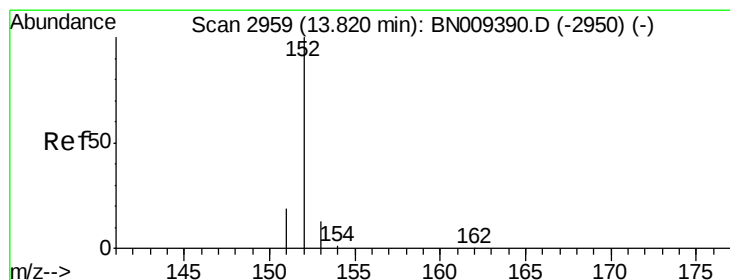
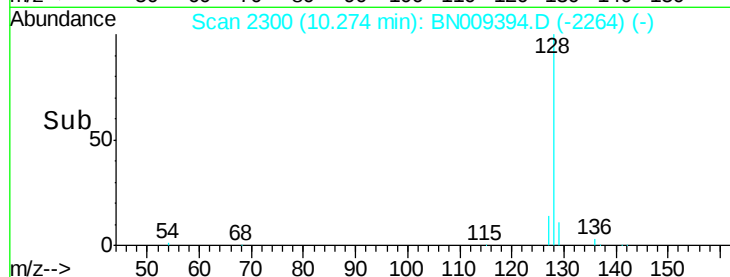
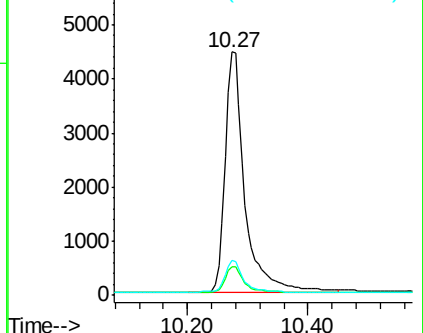
127 14.4 11.3 16.9



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



#7

Acenaphthylene

Concen: 0.398 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. 0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

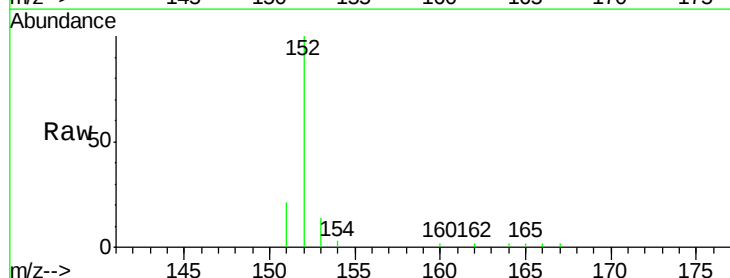
Tgt Ion:152 Resp: 4363

Ion Ratio Lower Upper

152 100

151 21.2 16.1 24.1

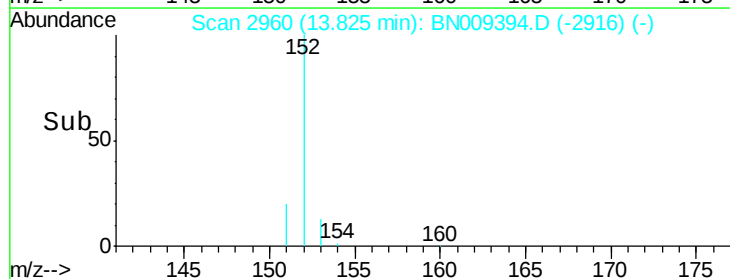
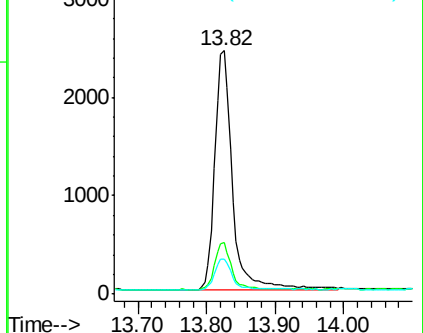
153 14.3 11.2 16.8

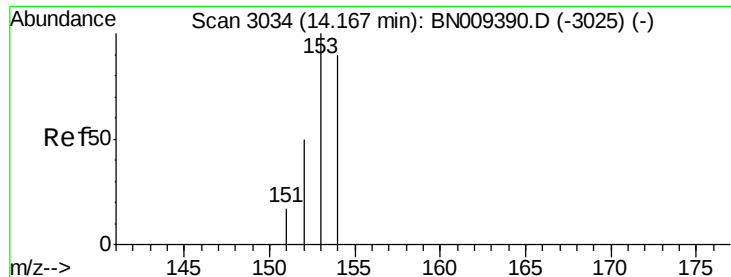


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.470 ng/ul

RT: 14.17 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

Instrument :

BNA_N

ClientSampleId :

X2L46

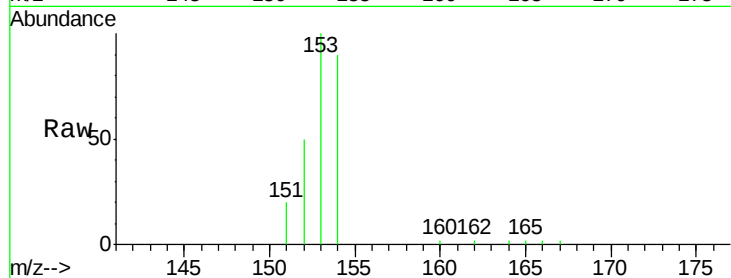
Tot Ion:153 Resp: 4149

Ion Ratio Lower Upper

153 100

152 50.1 39.9 59.9

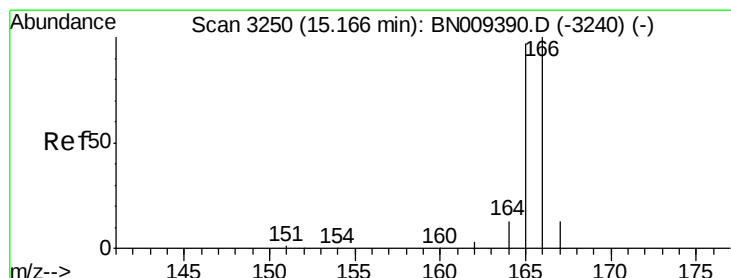
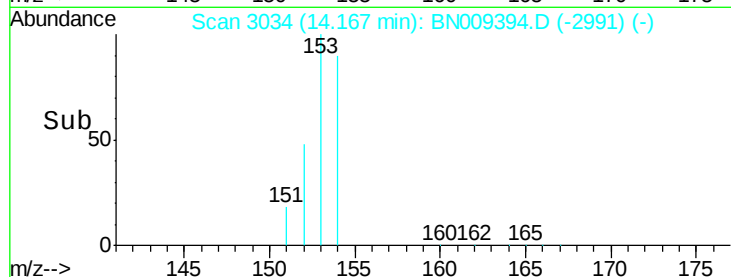
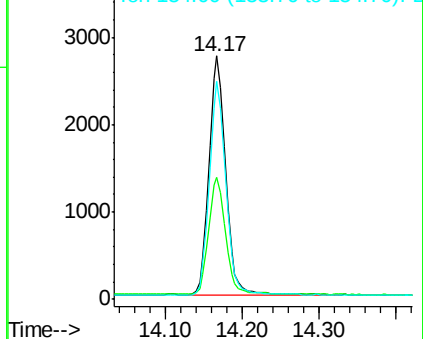
154 89.6 70.8 106.2



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: 0.365 ng/ul

RT: 15.17 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

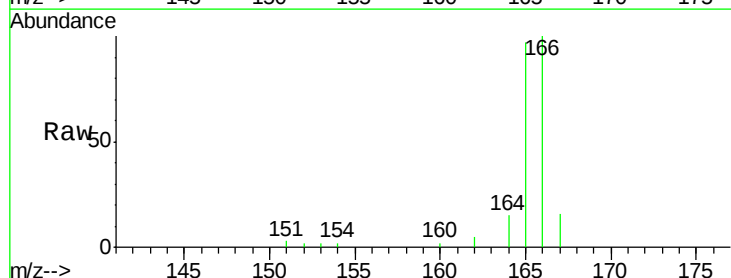
Tgt Ion:166 Resp: 3705

Ion Ratio Lower Upper

166 100

165 97.0 77.6 116.4

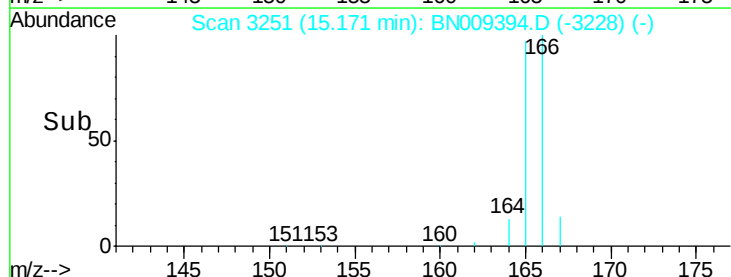
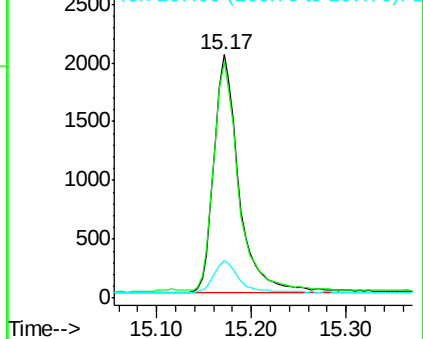
167 15.5 11.8 17.6

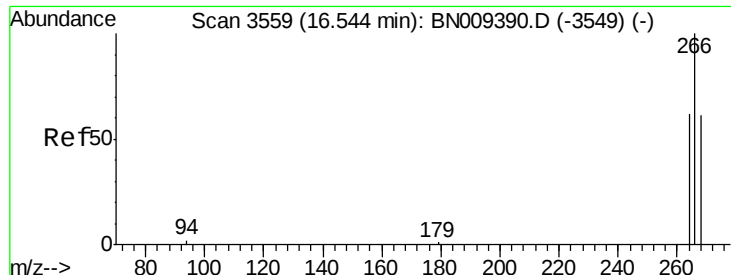


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

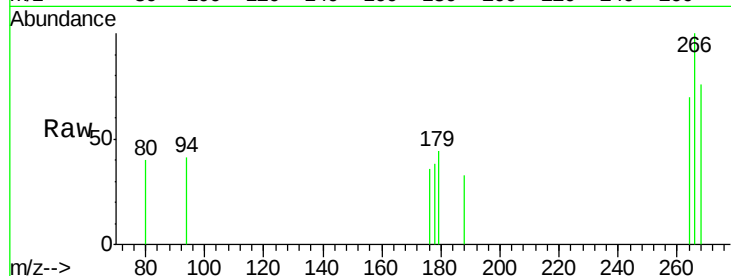




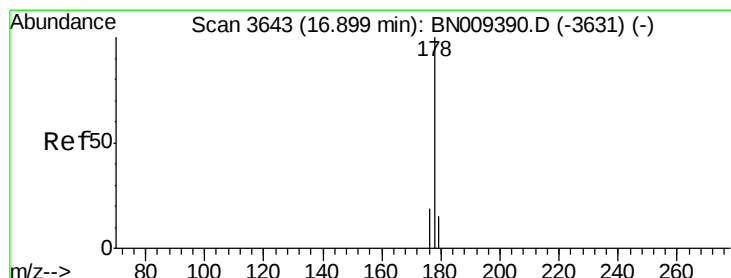
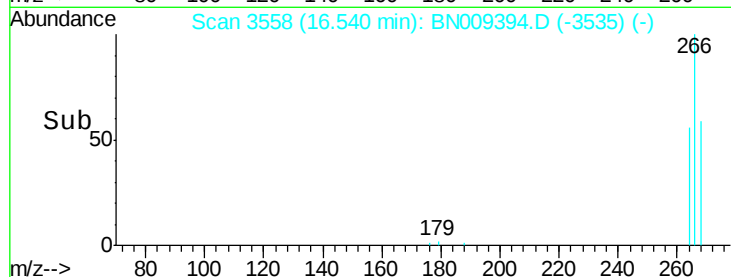
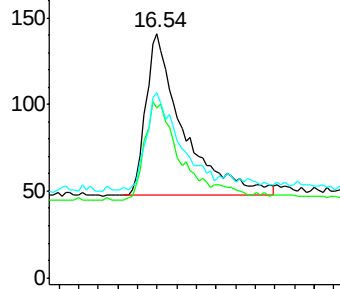
#11
 Pentachlorophenol
 Concen: 0.204 ng/ul
 RT: 16.54 min Scan# 3558
 Delta R.T. -0.00 min
 Lab File: BN009394.D
 Acq: 17 Jan 2020 14:03

Instrument :
 BNA_N
 ClientSampleId :
 X2L46

Tot Ion:266 Resp: 243
 Ion Ratio Lower Upper
 266 100
 264 61.3 49.7 74.5
 268 61.3 50.6 75.8

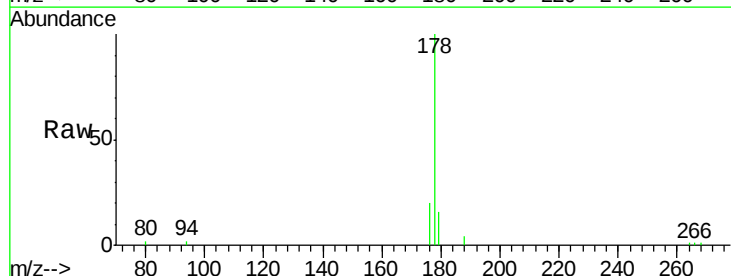


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

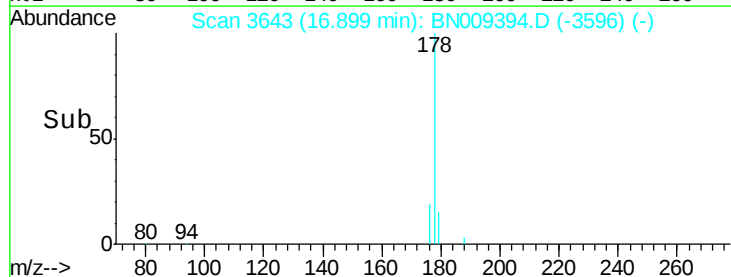
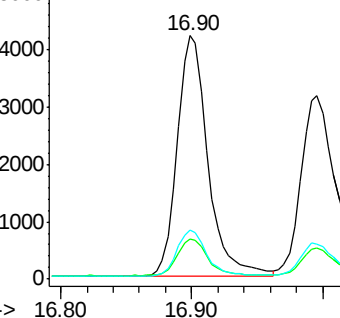


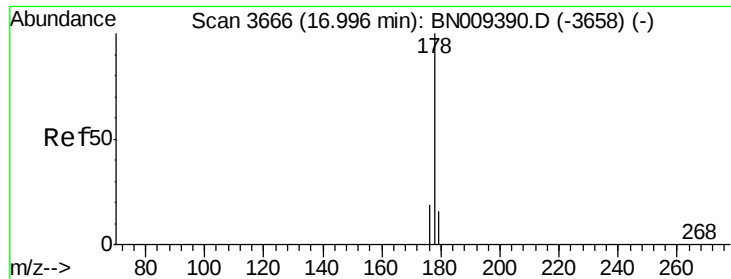
#12
 Phenanthrene
 Concen: 0.454 ng/ul
 RT: 16.90 min Scan# 3643
 Delta R.T. -0.00 min
 Lab File: BN009394.D
 Acq: 17 Jan 2020 14:03

Tgt Ion:178 Resp: 6814
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.4 20.0
 176 20.0 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: 0.453 ng/ul

RT: 17.00 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

Instrument :

BNA_N

ClientSampleId :

X2L46

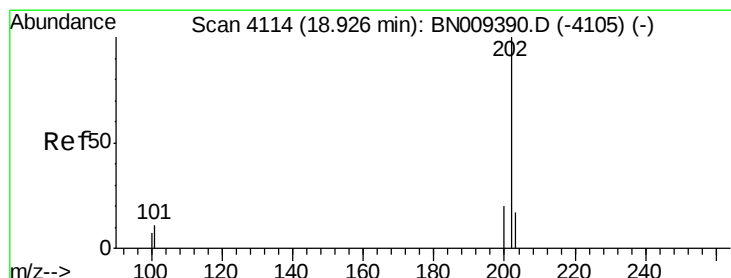
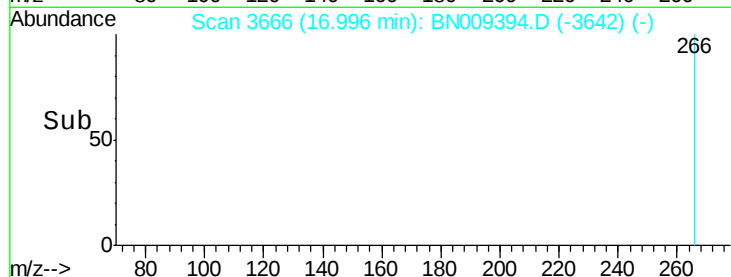
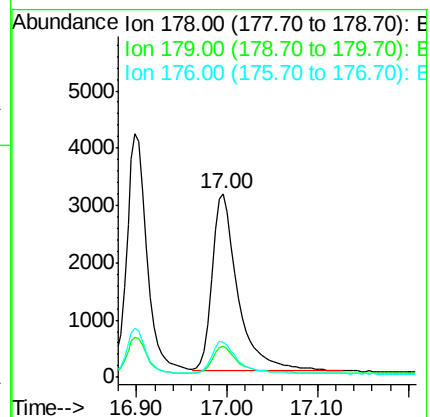
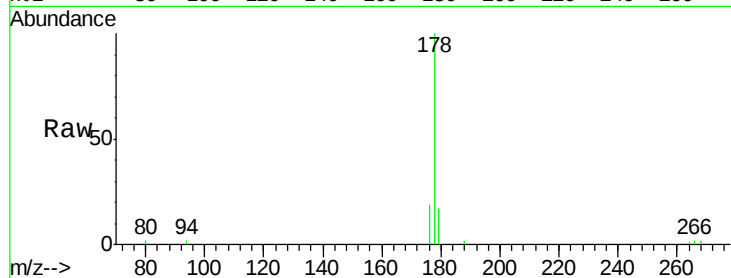
Tot Ion:178 Resp: 6036

Ion Ratio Lower Upper

178 100

179 16.9 13.1 19.7

176 19.0 15.7 23.5



#15

Fluoranthene

Concen: 0.434 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

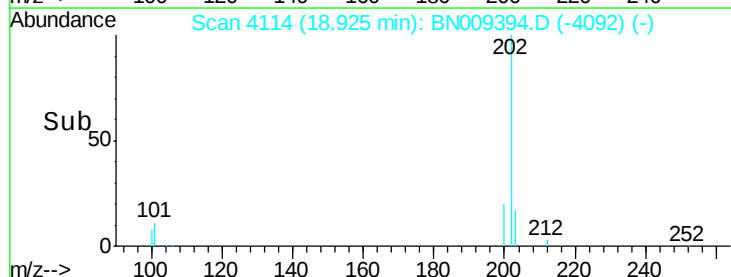
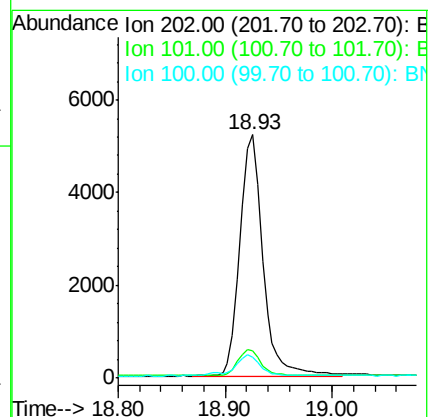
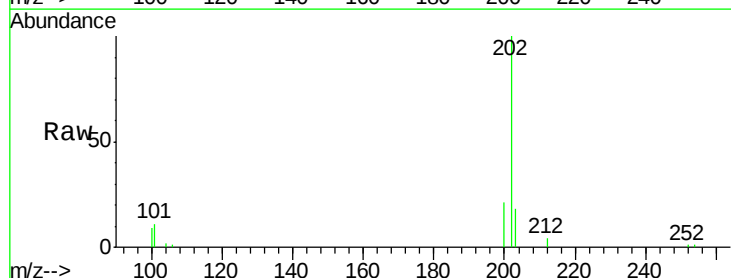
Tgt Ion:202 Resp: 7720

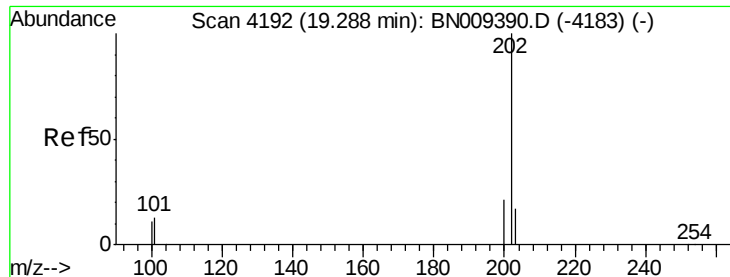
Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

100 8.7 0.0 29.4





#17

Pvrene

Concen: 0.601 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

Instrument :

BNA_N

ClientSampleId :

X2L46

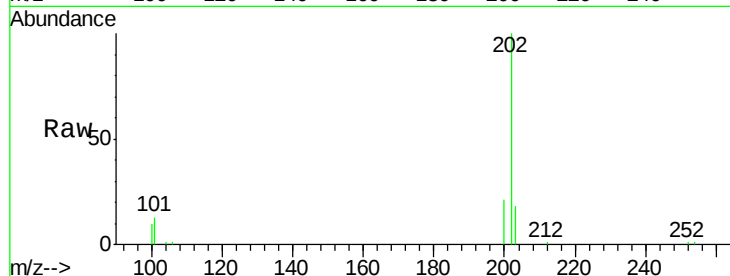
Tot Ion:202 Resp: 10568

Ion Ratio Lower Upper

202 100

101 13.5 11.0 16.4

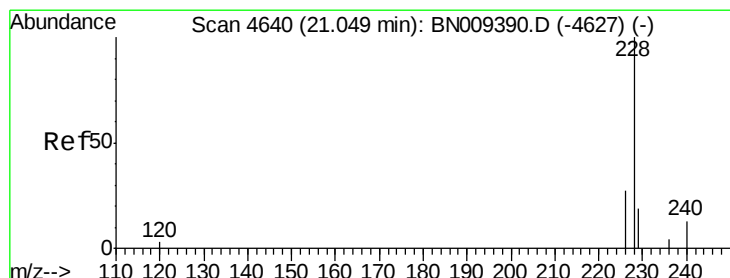
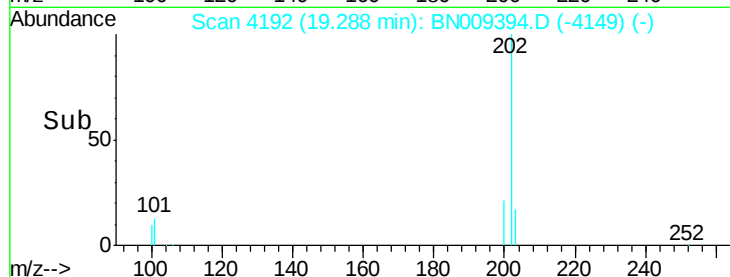
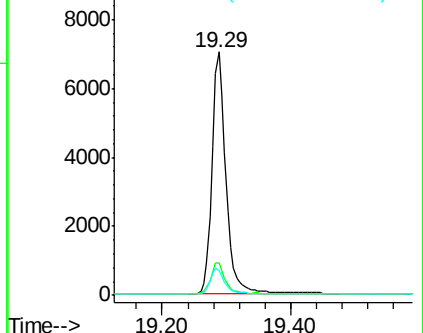
100 10.4 8.5 12.7



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: 0.494 ng/ul

RT: 21.05 min Scan# 4641

Delta R.T. 0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

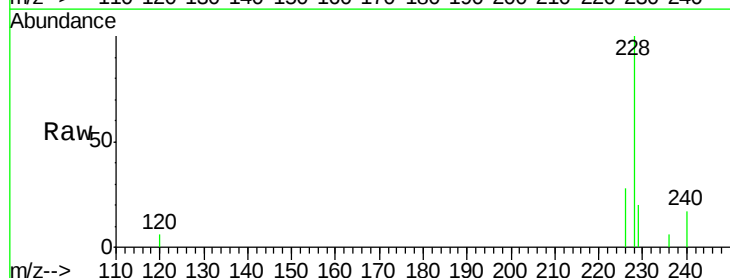
Tgt Ion:228 Resp: 7933

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

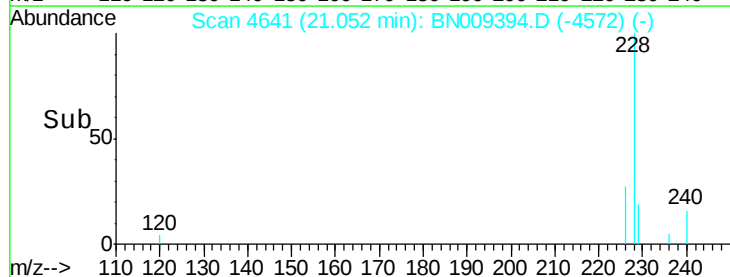
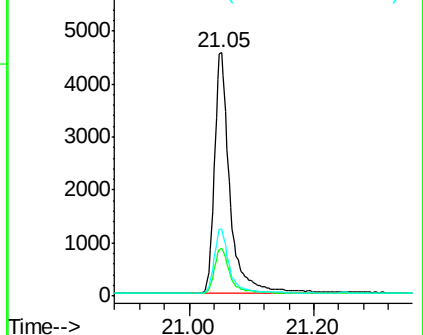
226 27.7 21.9 32.9

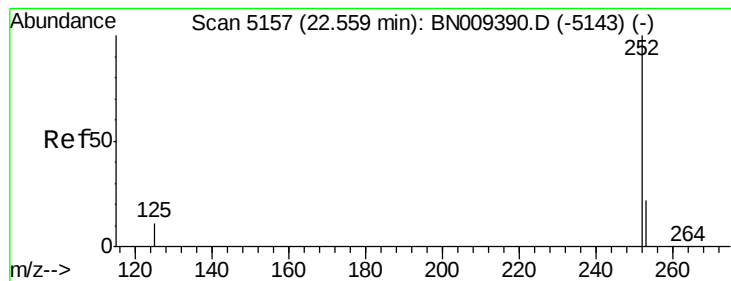


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Benzo(b)fluoranthene

Concen: 0.485 ng/u1

RT: 22.56 min Scan# 5157

Delta R.T. -0.00 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

Instrument :

BNA_N

ClientSampleId :

X2L46

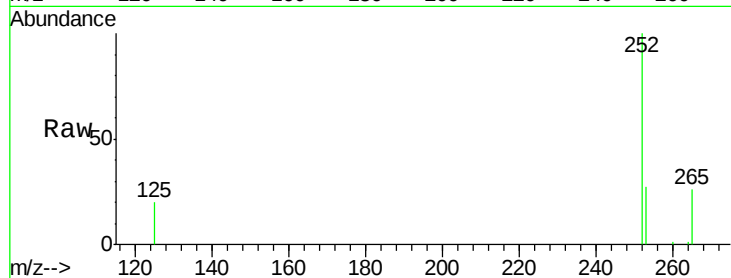
Tot Ion:252 Resp: 8457

Ion Ratio Lower Upper

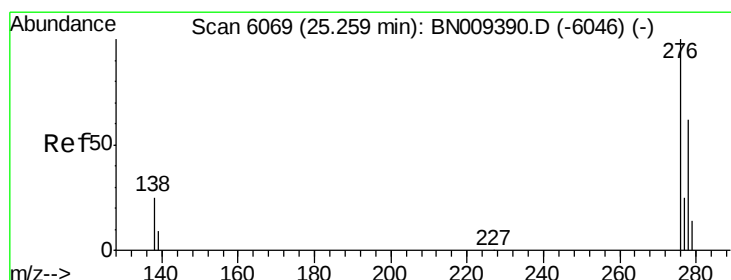
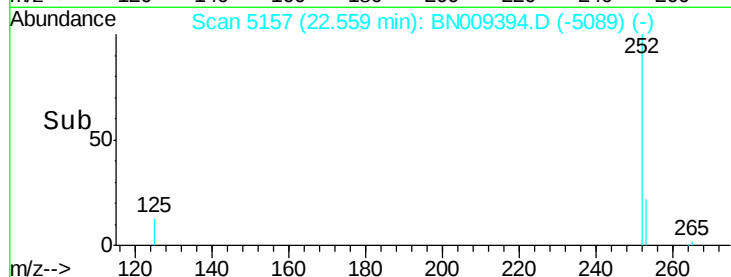
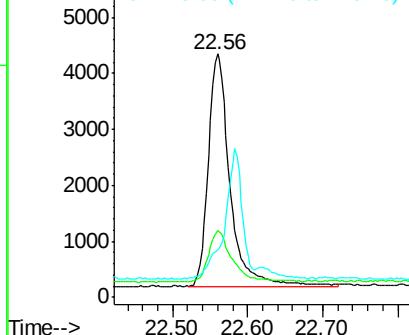
252 100

253 27.4 0.0 52.8

125 19.8 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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.647 ng/u1

RT: 25.25 min Scan# 6066

Delta R.T. -0.01 min

Lab File: BN009394.D

Acq: 17 Jan 2020 14:03

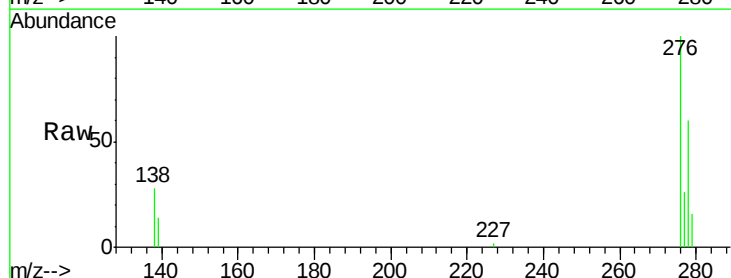
Tgt Ion:276 Resp: 12604

Ion Ratio Lower Upper

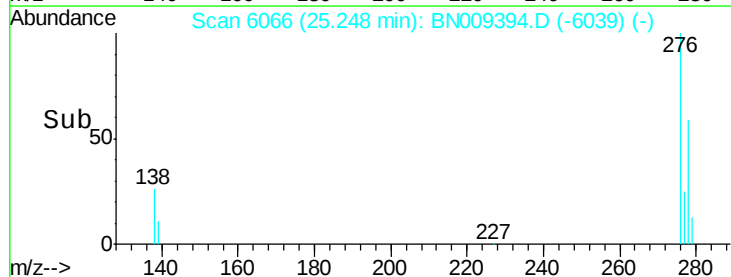
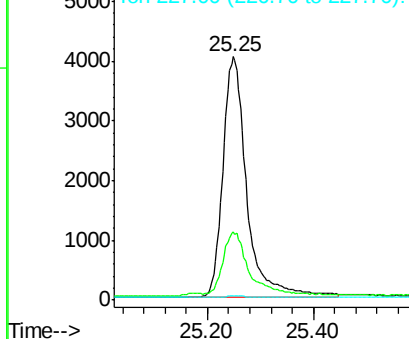
276 100

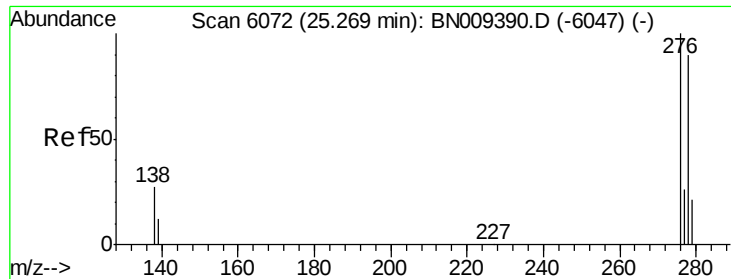
138 26.6 19.4 29.2

227 0.2 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

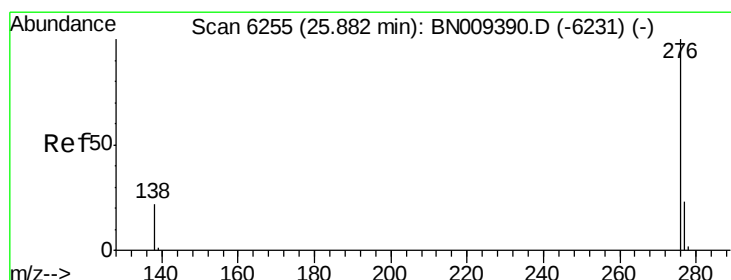
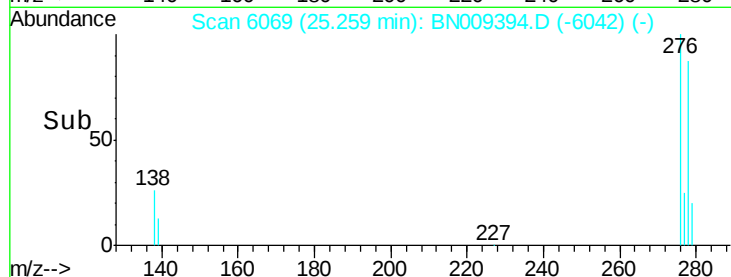
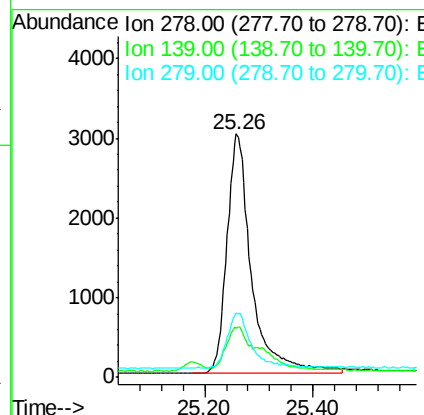
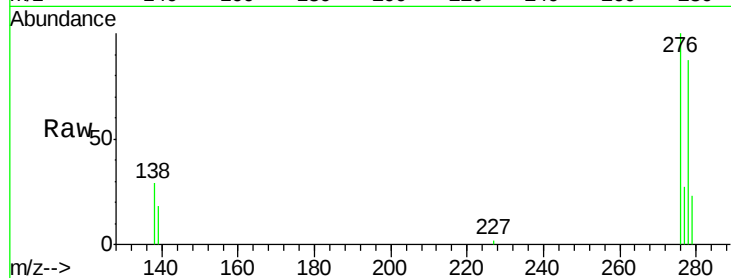




#25
Dibenzo(a,h)anthracene
Concen: 0.619 ng/ul
RT: 25.26 min Scan# 6069
Delta R.T. -0.01 min
Lab File: BN009394.D
Acq: 17 Jan 2020 14:03

Instrument :
BNA_N
ClientSampleId :
X2L46

Tot Ion:278 Resp: 9522
Ion Ratio Lower Upper
278 100
139 20.2 15.3 22.9
279 26.6 22.2 33.2



#26
Benzo(g,h,i)perylene
Concen: 0.659 ng/ul
RT: 25.88 min Scan# 6253
Delta R.T. -0.01 min
Lab File: BN009394.D
Acq: 17 Jan 2020 14:03

Tgt Ion:276 Resp: 11241
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 24.6 20.4 30.6

