

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011719.D
 Acq On : 05 Sep 2020 02:36
 Operator : CG/JU
 Sample : L3840-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 06:01:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

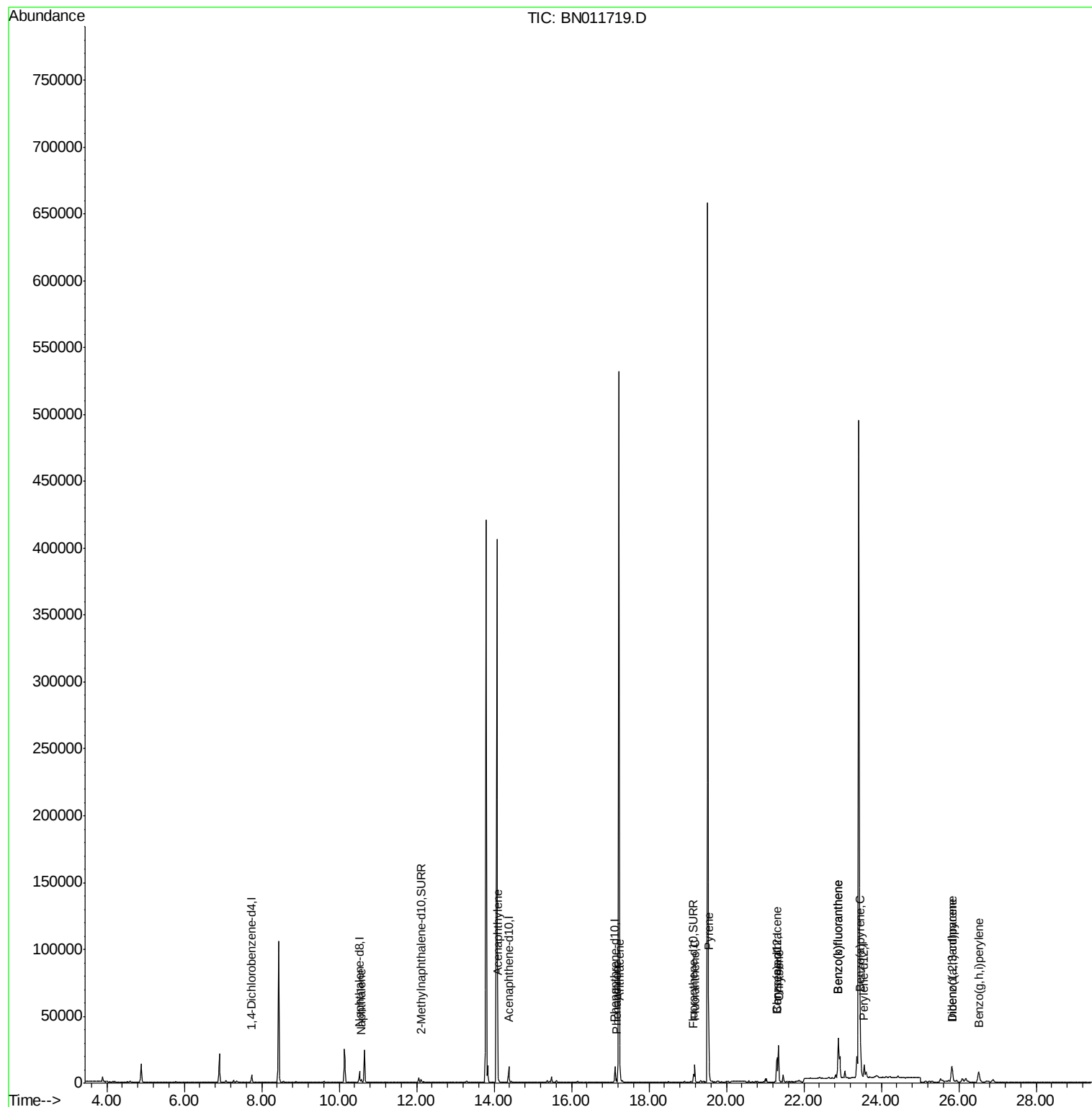
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2749	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	13587	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	11808	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	11805	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2955	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6977	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2311	0.073	ng/ul	96
7) Acenaphthylene	14.10	152	3909	0.123	ng/ul	99
12) Phenanthrene	17.16	178	2709	0.059	ng/ul	96
13) Anthracene	17.25	178	4320	0.114	ng/ul	99
15) Fluoranthene	19.19	202	11126	0.210	ng/ul	98
17) Pyrene	19.55	202	27187	0.589	ng/ul	97
18) Benzo(a)anthracene	21.29	228	11771	0.297	ng/ul	97
19) Chrysene	21.35	228	25658	0.480	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	67343	1.312	ng/ul	95
22) Benzo(k)fluoranthene	22.89	252	67343	1.187	ng/ul	95
23) Benzo(a)pyrene	23.46	252	31030	0.720	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	18768	0.322	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.83	278	5546	0.117	ng/ul#	88
26) Benzo(g,h,i)perylene	26.52	276	16238	0.298	ng/ul	98

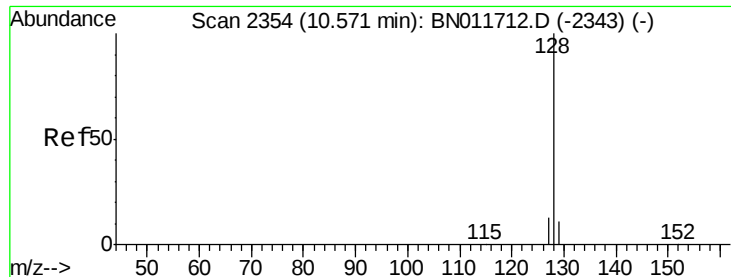
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011719.D
Acq On : 05 Sep 2020 02:36
Operator : CG/JU
Sample : L3840-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 05 06:01:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.073 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

ClientSampleId :

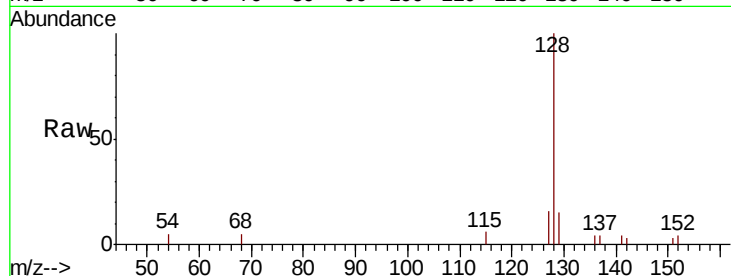
Tot Ion:128 Resp: 2311

Ion Ratio Lower Upper

128 100

129 14.8 10.4 15.6

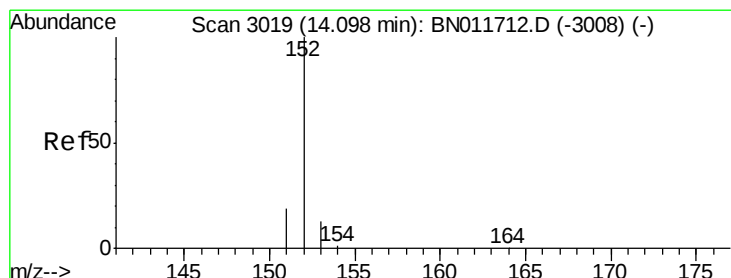
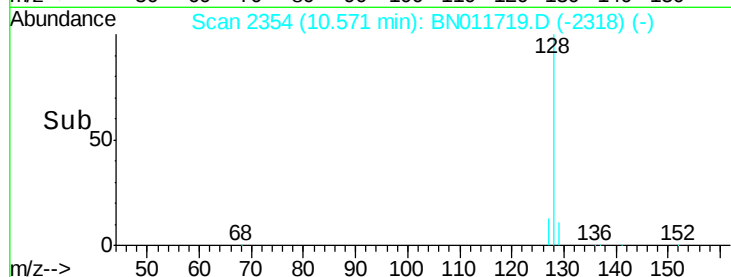
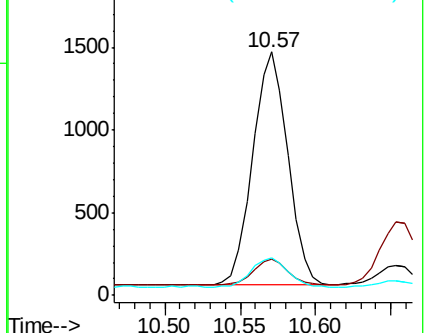
127 15.6 11.4 17.0



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: 0.123 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

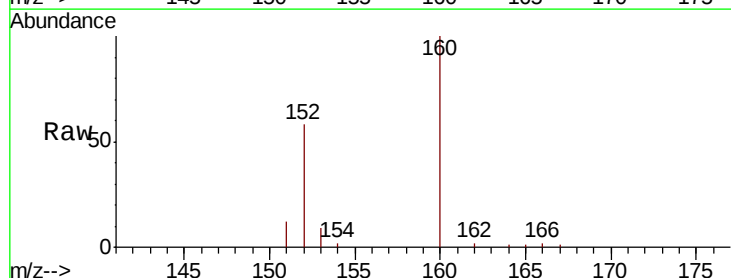
Tgt Ion:152 Resp: 3909

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

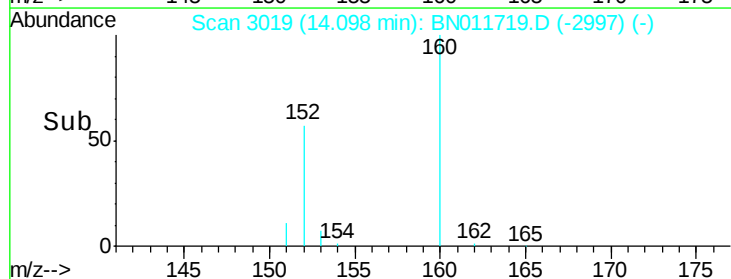
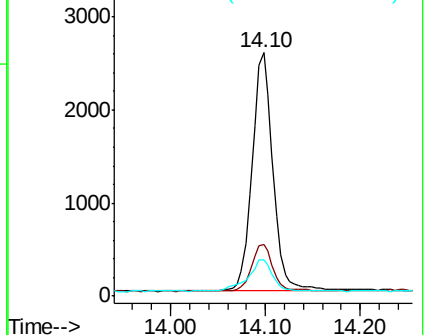
153 14.8 12.3 18.5

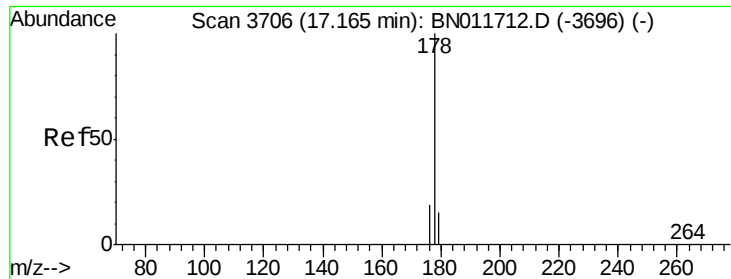


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

ClientSampleId :

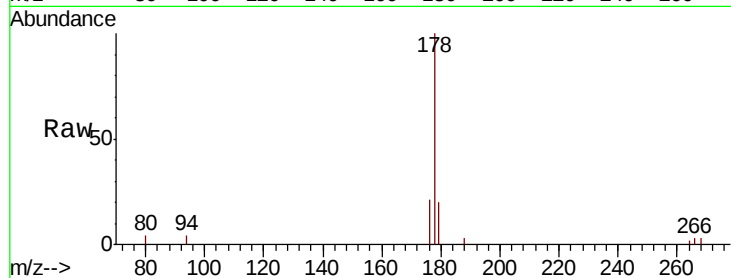
Tot Ion:178 Resp: 2709

Ion Ratio Lower Upper

178 100

179 20.1 13.8 20.8

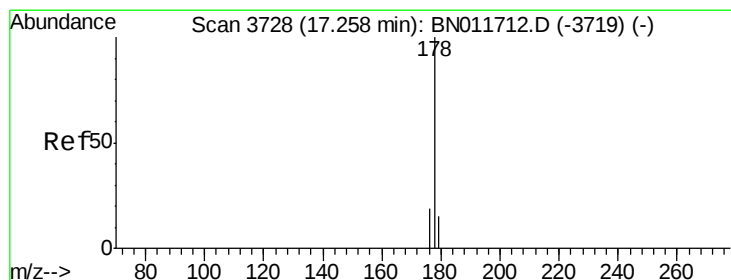
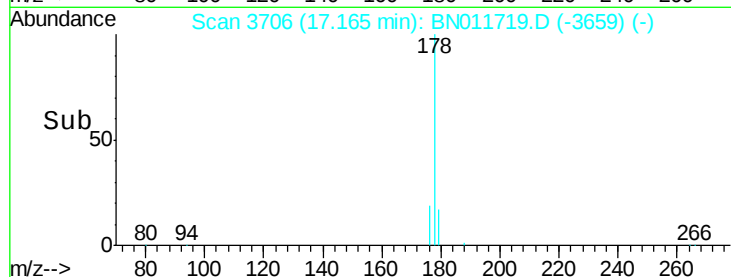
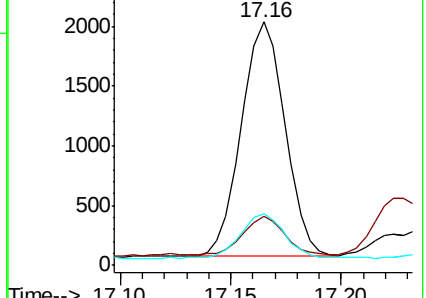
176 21.3 16.3 24.5



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: 0.114 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

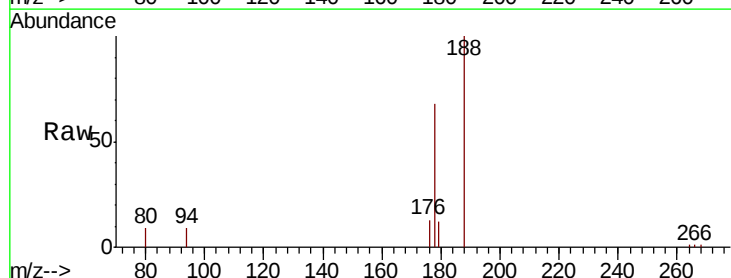
Tgt Ion:178 Resp: 4320

Ion Ratio Lower Upper

178 100

179 18.3 14.2 21.2

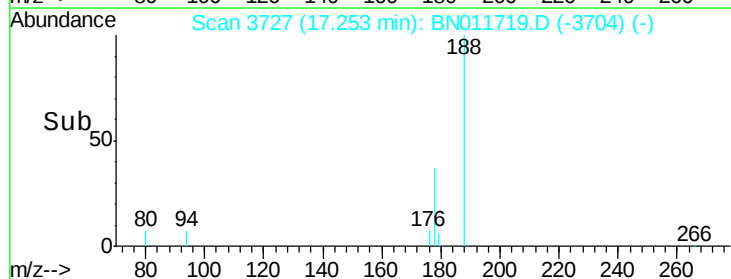
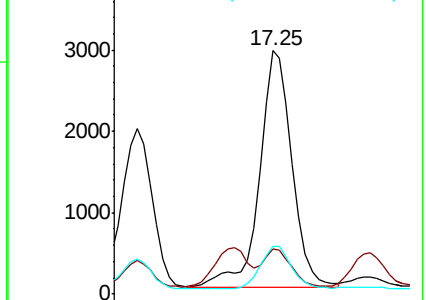
176 19.7 15.8 23.8

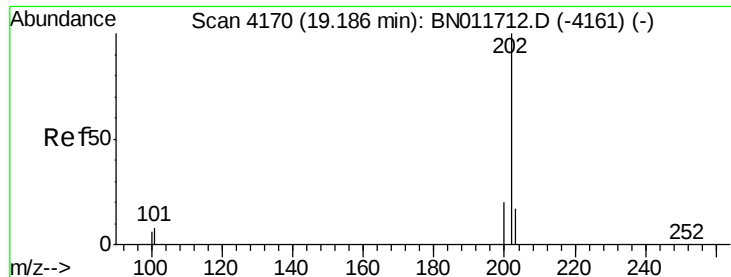


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

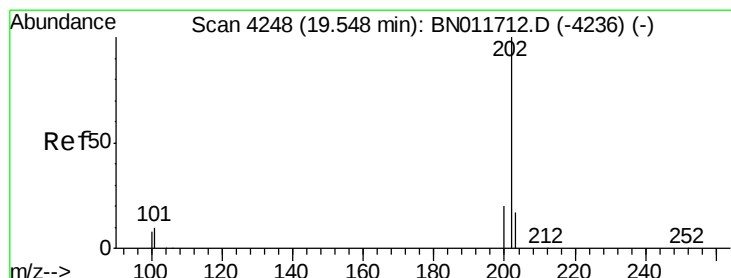
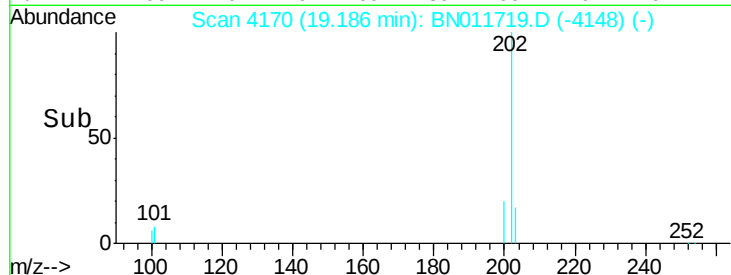
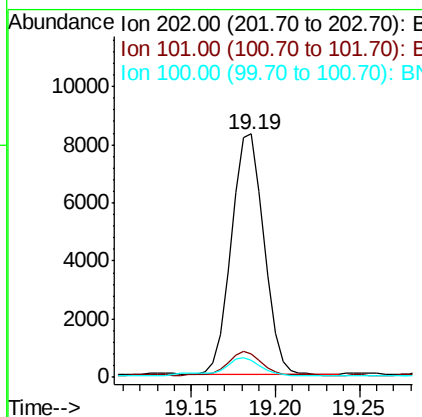
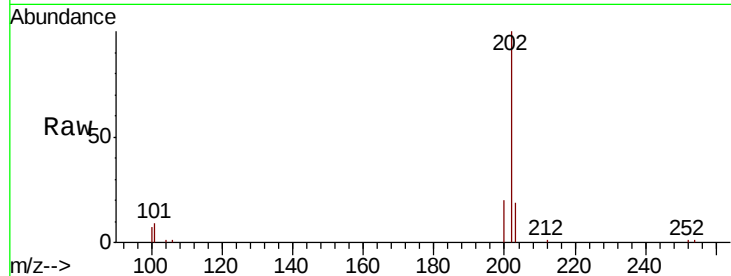




#15
Fluoranthene
 Concen: 0.210 ng/ul
 RT: 19.19 min Scan# 4170
 Delta R.T. -0.00 min
 Lab File: BN011719.D
 Acq: 05 Sep 2020 02:36

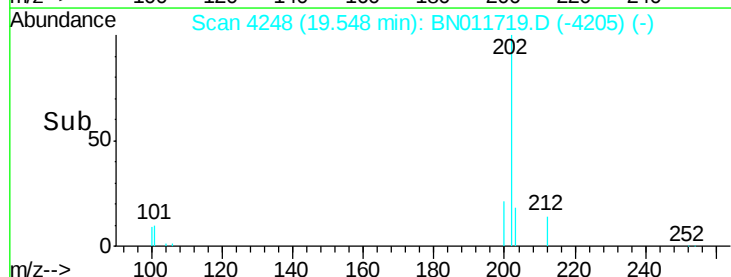
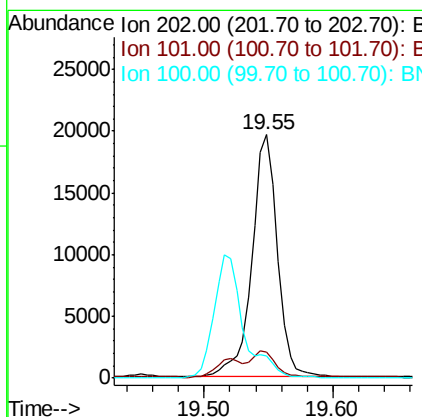
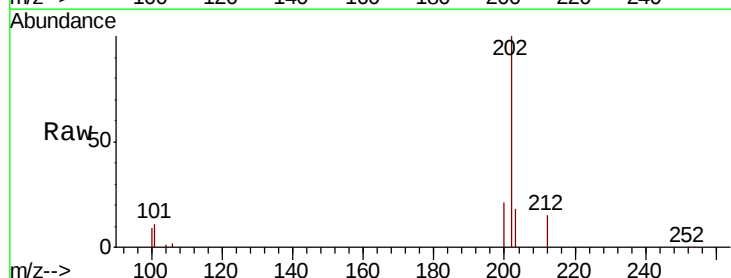
Instrument :
 BNA_N
 ClientSampleId :

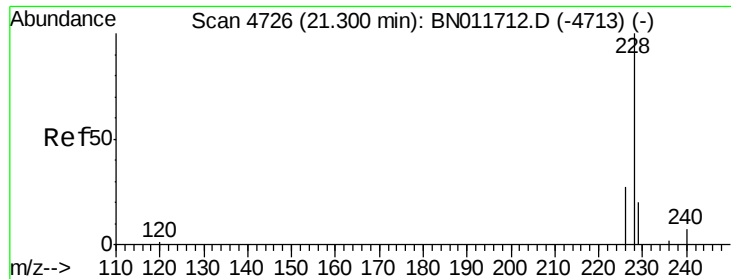
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
100	6.9	0.0	27.1



#17
Pyrene
 Concen: 0.589 ng/ul
 RT: 19.55 min Scan# 4248
 Delta R.T. -0.00 min
 Lab File: BN011719.D
 Acq: 05 Sep 2020 02:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.3	10.9
100	9.0	6.7	10.1





#18

Benzo(a)anthracene

Concen: 0.297 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

ClientSampleId :

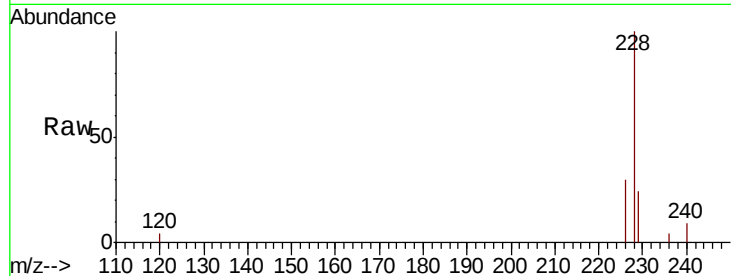
Tot Ion:228 Resp: 11771

Ion Ratio Lower Upper

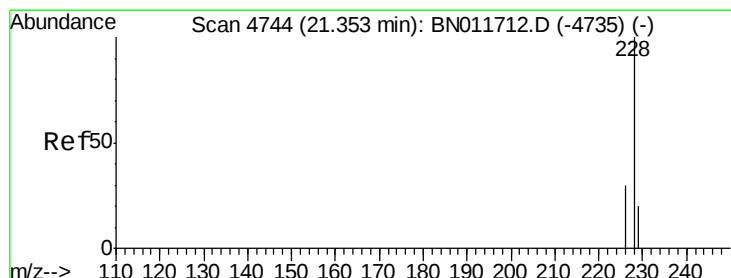
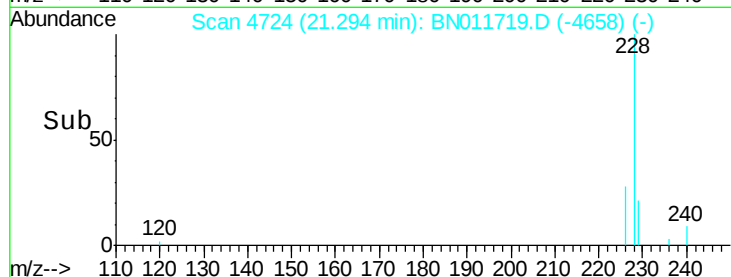
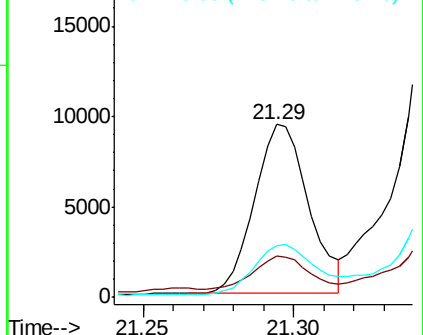
228 100

229 23.5 16.7 25.1

226 29.5 22.9 34.3



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: 0.480 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

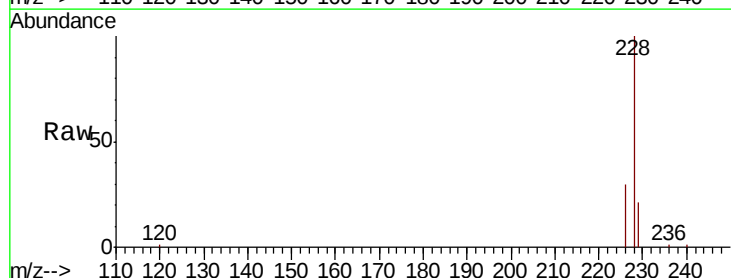
Tgt Ion:228 Resp: 25658

Ion Ratio Lower Upper

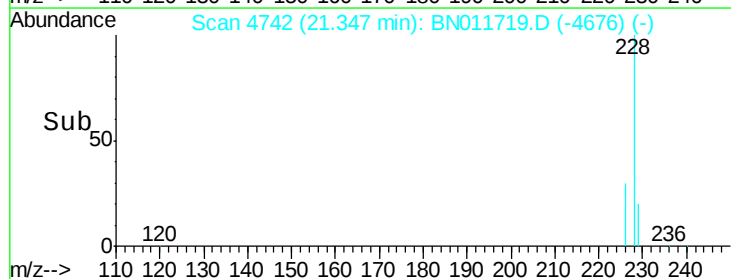
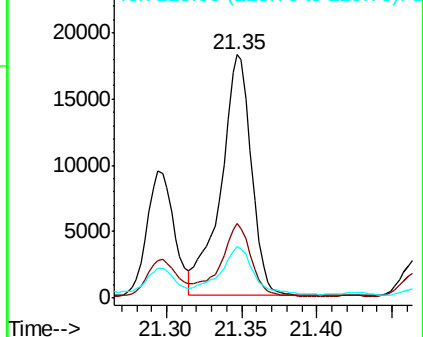
228 100

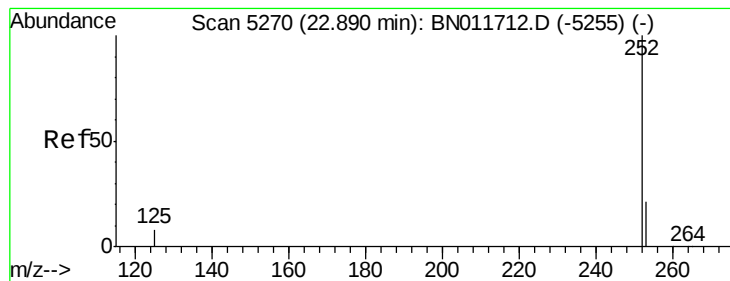
226 30.5 24.1 36.1

229 21.1 16.4 24.6



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: 1.312 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.00 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

ClientSampleId :

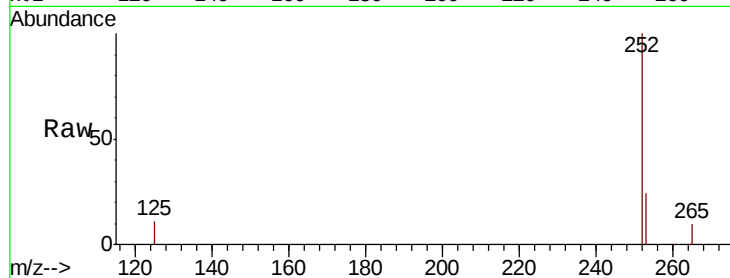
Tot Ion:252 Resp: 67343

Ion Ratio Lower Upper

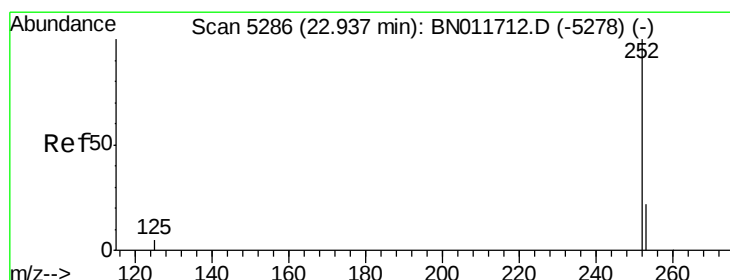
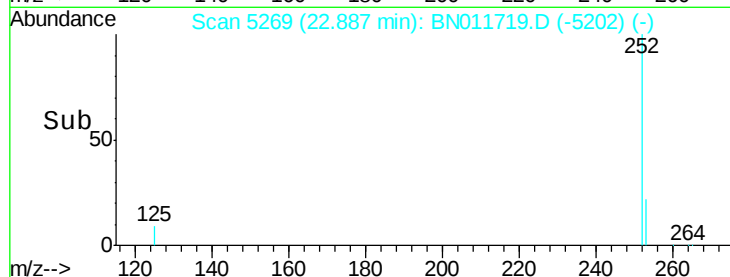
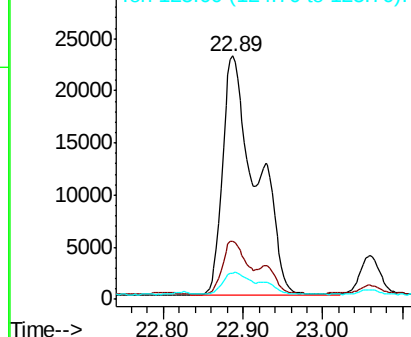
252 100

253 23.8 0.0 54.8

125 10.8 0.0 22.2



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: 1.187 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.05 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

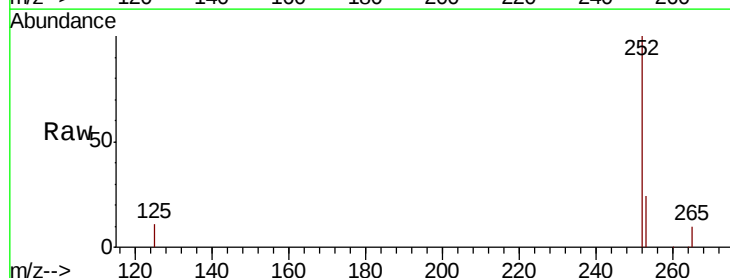
Tgt Ion:252 Resp: 67343

Ion Ratio Lower Upper

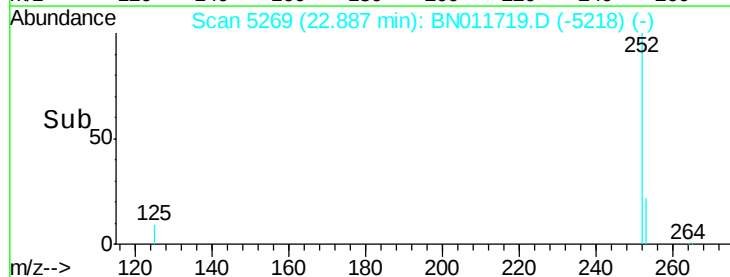
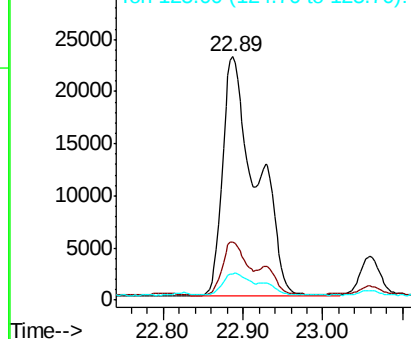
252 100

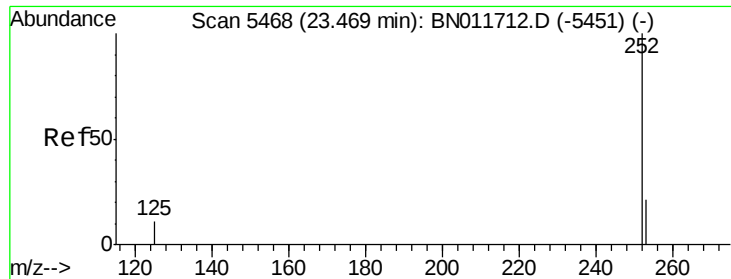
253 23.8 21.8 32.6

125 10.8 9.1 13.7



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: 0.720 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

Instrument :

BNA_N

ClientSampleId :

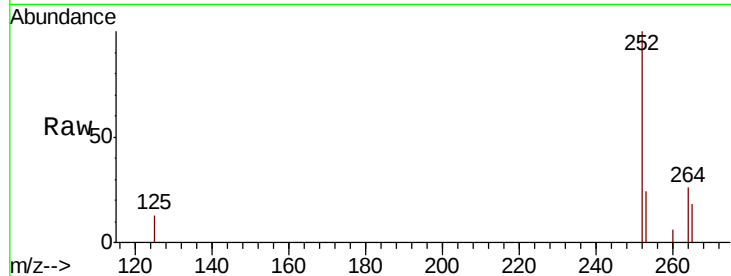
Tot Ion:252 Resp: 31030

Ion Ratio Lower Upper

252 100

253 24.2 24.4 36.6#

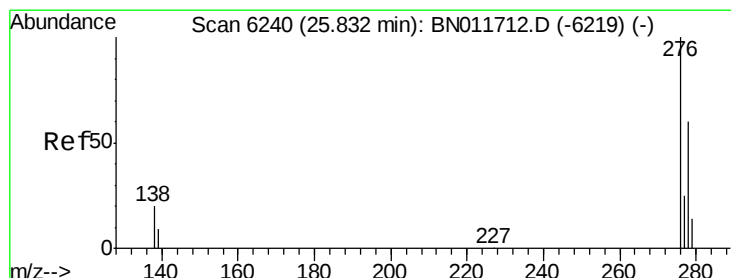
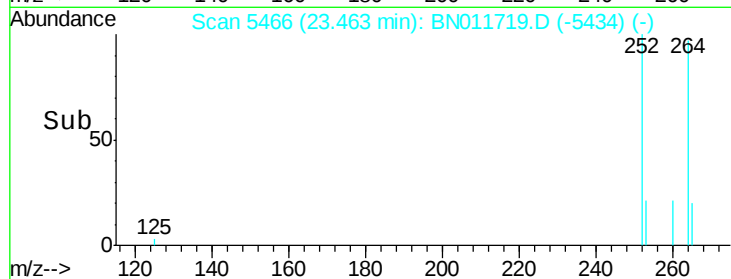
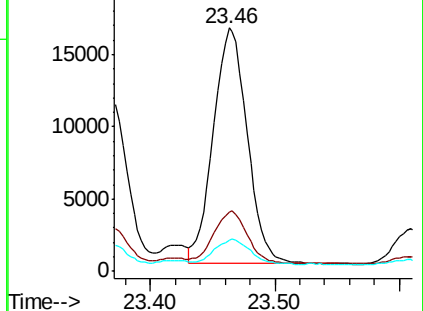
125 12.6 11.1 16.7



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: 0.322 ng/ul

RT: 25.82 min Scan# 6237

Delta R.T. -0.01 min

Lab File: BN011719.D

Acq: 05 Sep 2020 02:36

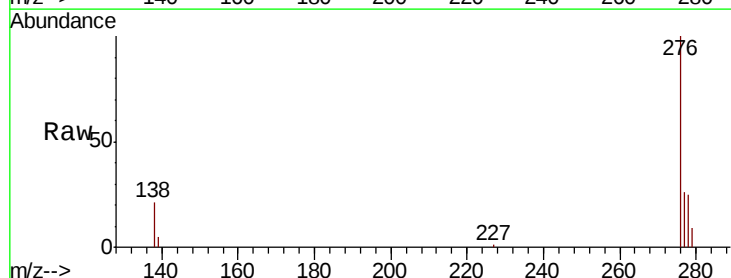
Tgt Ion:276 Resp: 18768

Ion Ratio Lower Upper

276 100

138 19.0 15.8 23.6

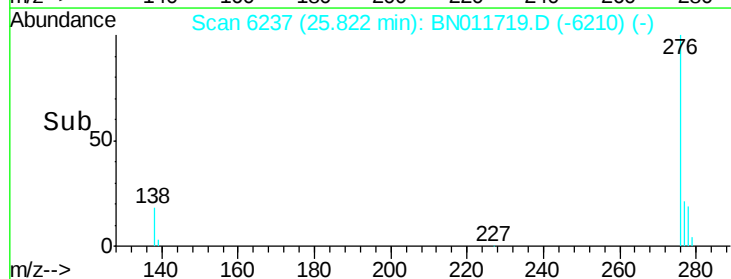
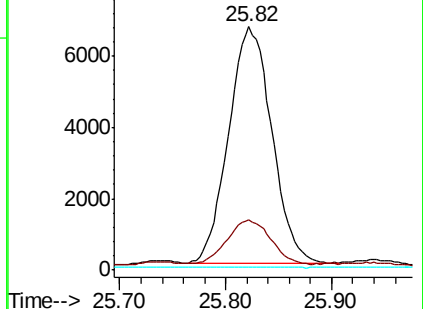
227 0.1 0.2 0.2#

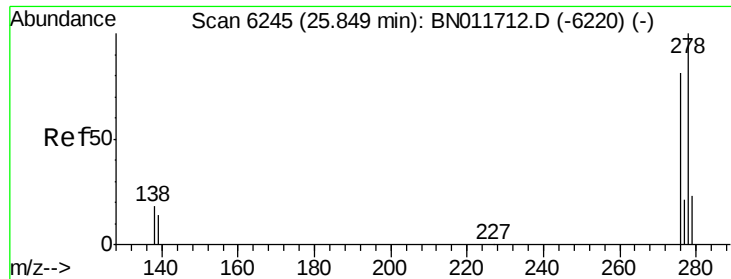


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

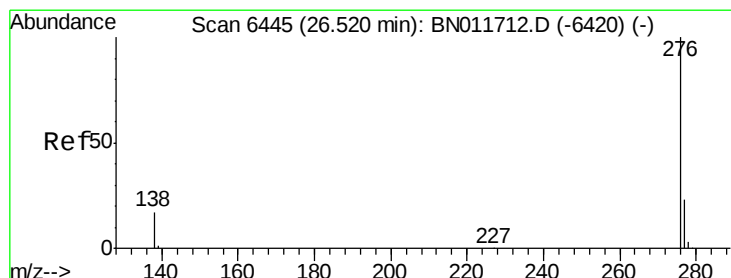
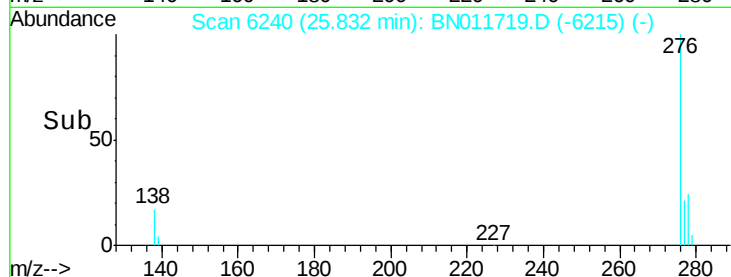
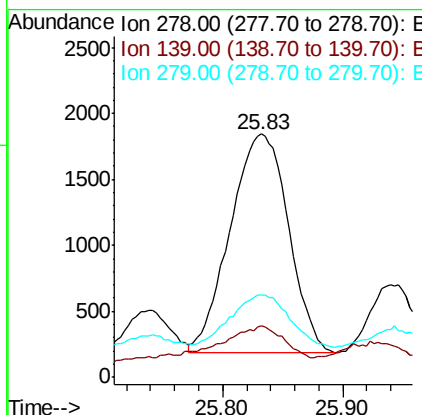
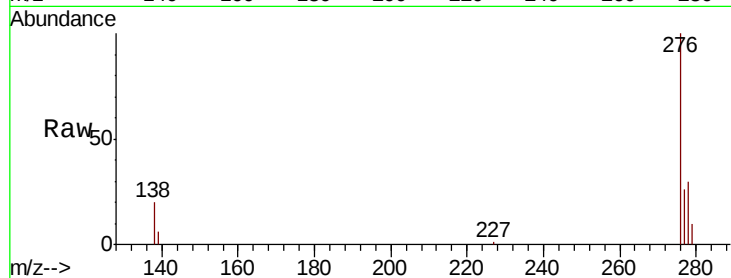




#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011719.D
Acq: 05 Sep 2020 02:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5546
Ion Ratio Lower Upper
278 100
139 21.5 12.1 18.1#
279 33.9 22.9 34.3



#26
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.52 min Scan# 6444
Delta R.T. -0.00 min
Lab File: BN011719.D
Acq: 05 Sep 2020 02:36

Tgt Ion:276 Resp: 16238
Ion Ratio Lower Upper
276 100
138 21.0 15.8 23.6
277 25.1 20.6 31.0

