

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072020\
 Data File : BN011209.D
 Acq On : 20 Jul 2020 15:16
 Operator : CG/JU
 Sample : L3260-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M78

Quant Time: Jul 20 15:47:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 20 12:53:55 2020
 Response via : Initial Calibration

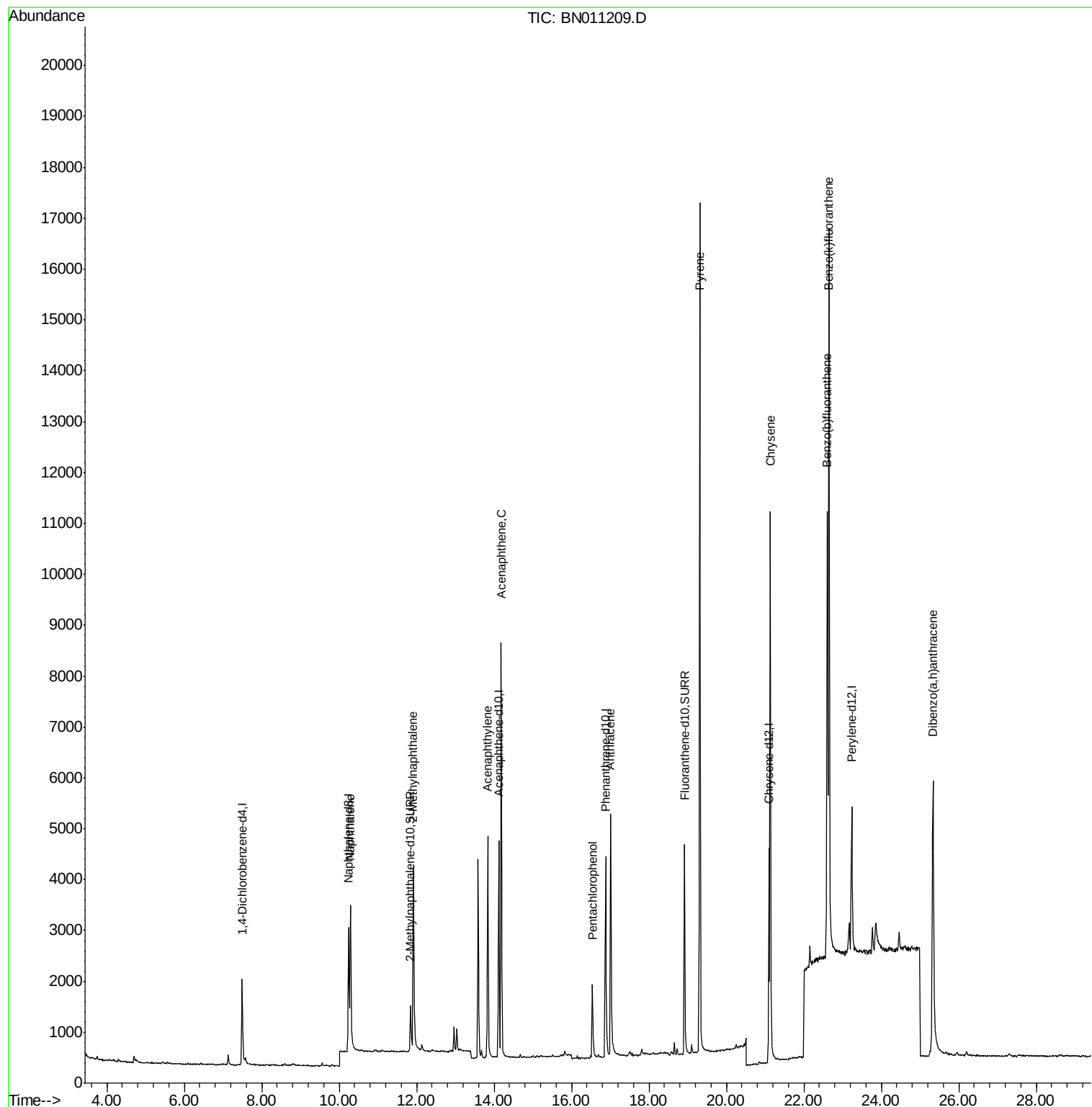
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.24	136	3975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	2434	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	5473	0.40	ng/ul	0.00
16) Chrysene-d12	21.10	240	4379	0.40	ng/ul	0.00
20) Perylene-d12	23.23	264	3924	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	1576	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5088	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.29	128	4769	0.401	ng/ul	99
5) 2-Methylnaphthalene	11.91	142	3425	0.440	ng/ul	100
7) Acenaphthylene	13.83	152	5621	0.476	ng/ul	99
8) Acenaphthene	14.18	153	4699	0.507	ng/ul	99
11) Pentachlorophenol	16.54	266	1172	1.003	ng/ul	98
13) Anthracene	17.01	178	6547	0.440	ng/ul	100
17) Pyrene	19.31	202	15283	0.654	ng/ul	99
19) Chrysene	21.13	228	10204	0.496	ng/ul	99
21) Benzo(b)fluoranthene	22.60	252	10619	0.627	ng/ul	93
22) Benzo(k)fluoranthene	22.64	252	18934	0.974	ng/ul	93
25) Dibenzo(a,h)anthracene	25.33	278	9117	0.720	ng/ul	91

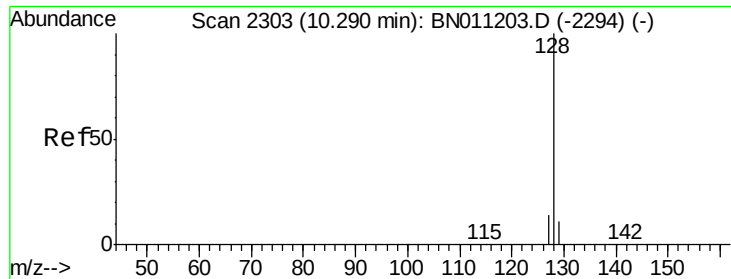
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.29 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BN011209.D

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Instrument :

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ClientSampleId :

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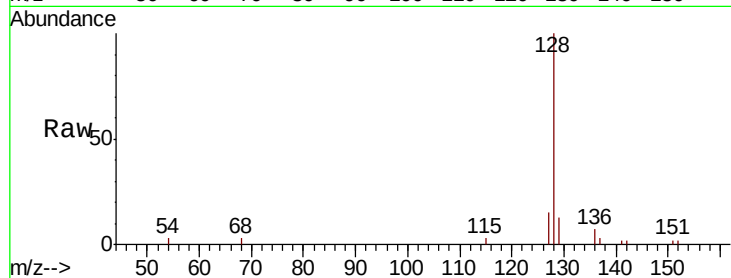
Tot Ion:128 Resp: 4769

Ion Ratio Lower Upper

128 100

129 12.8 9.9 14.9

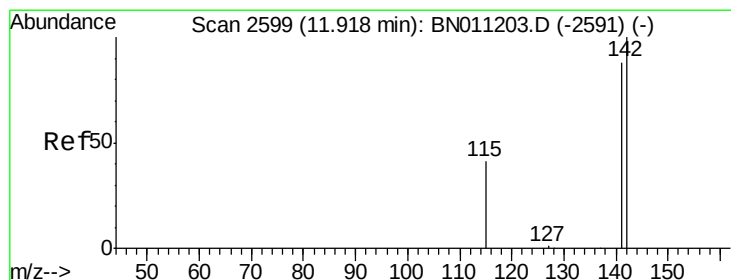
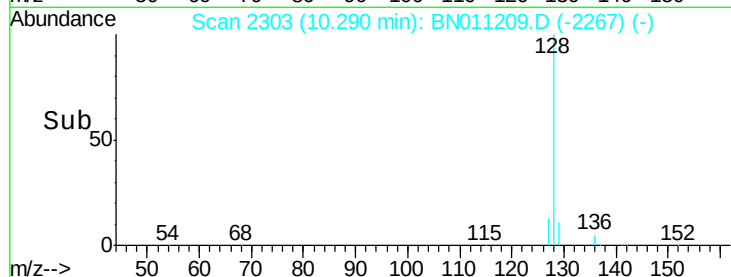
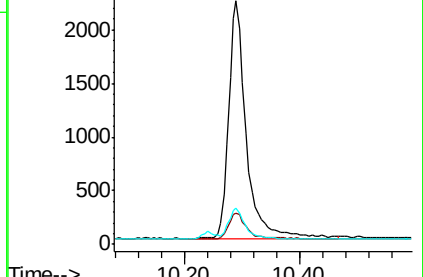
127 14.9 12.1 18.1



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: 0.440 ng/ul

RT: 11.91 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BN011209.D

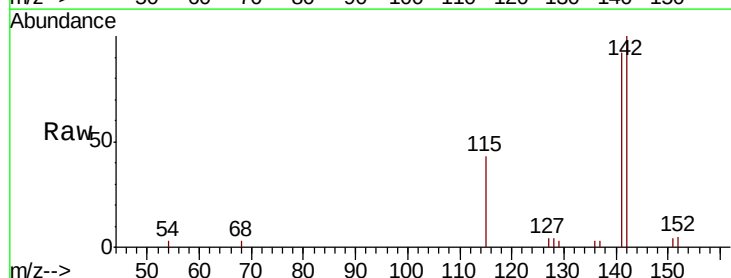
Acq: 20 Jul 2020 15:16

Tgt Ion:142 Resp: 3425

Ion Ratio Lower Upper

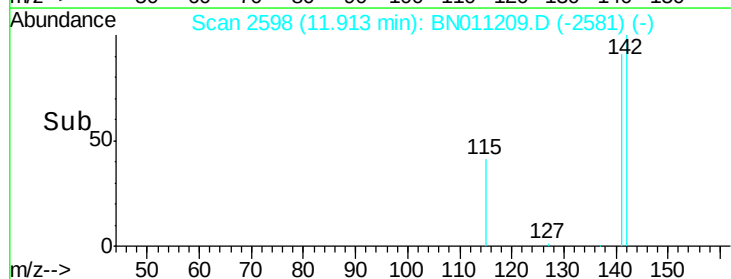
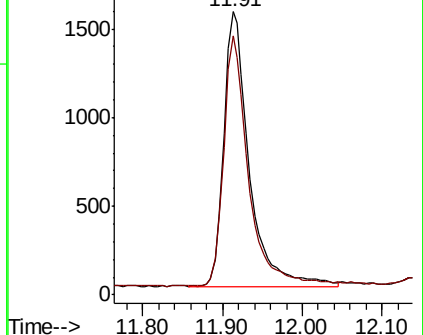
142 100

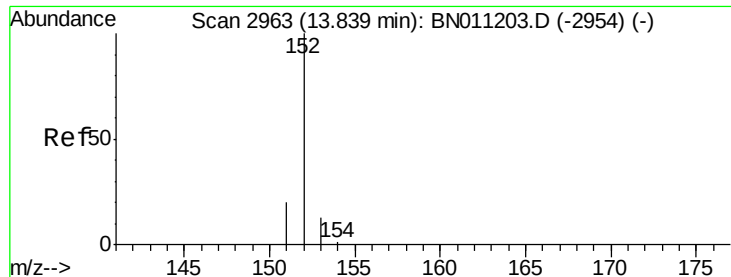
141 89.3 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.476 ng/ul

RT: 13.83 min Scan# 2962

Delta R.T. -0.00 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

Instrument :

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ClientSampleId :

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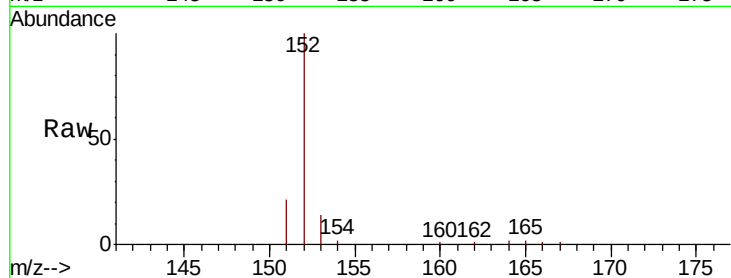
Tot Ion:152 Resp: 5621

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

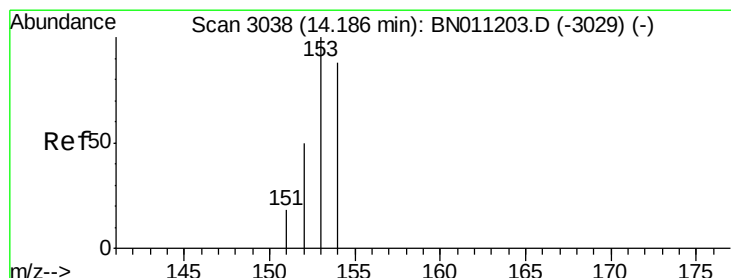
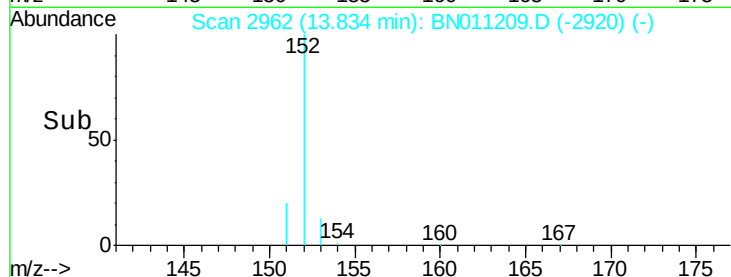
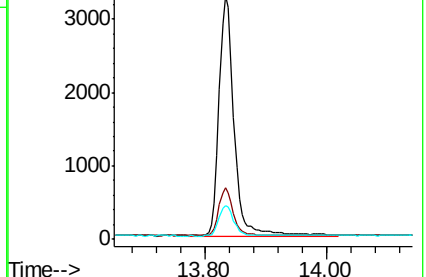
153 14.0 11.6 17.4



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: 0.507 ng/ul

RT: 14.18 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

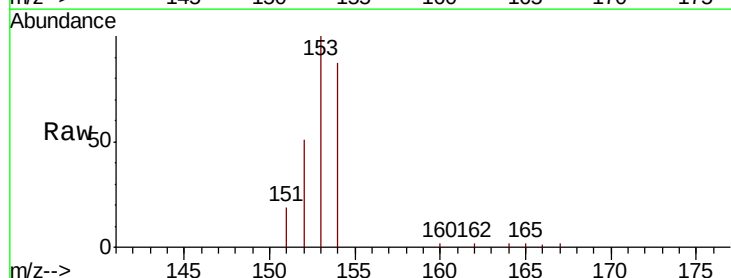
Tgt Ion:153 Resp: 4699

Ion Ratio Lower Upper

153 100

152 50.5 40.8 61.2

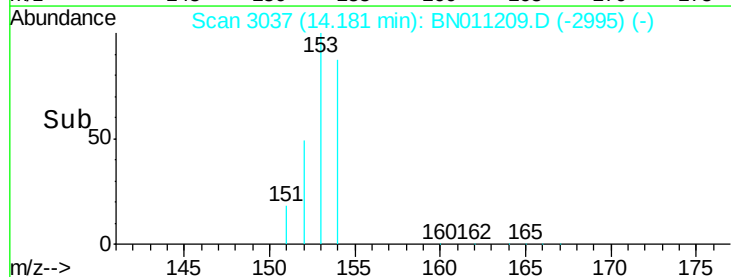
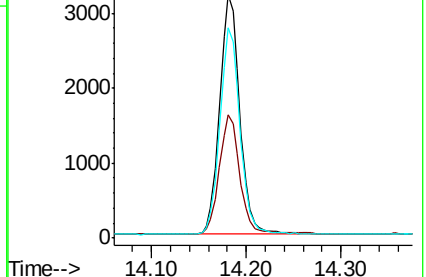
154 86.6 70.6 105.8

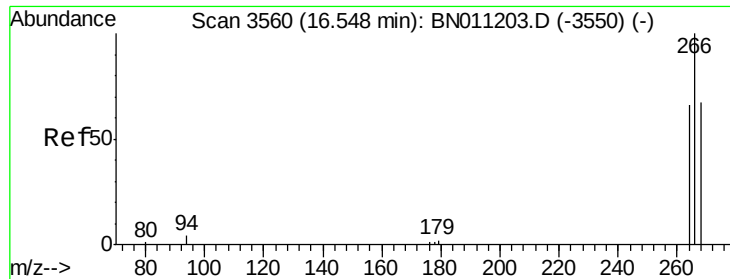


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Pentachlorophenol

Concen: 1.003 ng/ul

RT: 16.54 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

Instrument :

BNA_N

ClientSampleId :

X2M78

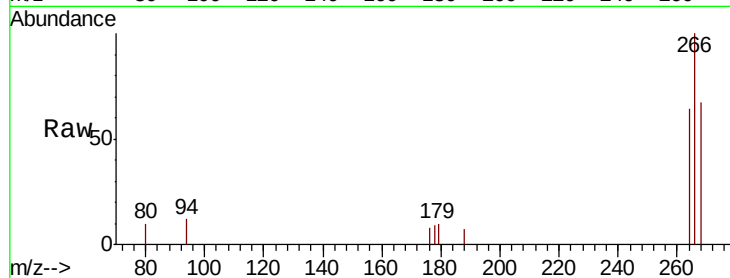
Tot Ion:266 Resp: 1172

Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 65.4 54.4 81.6



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

16.54

800

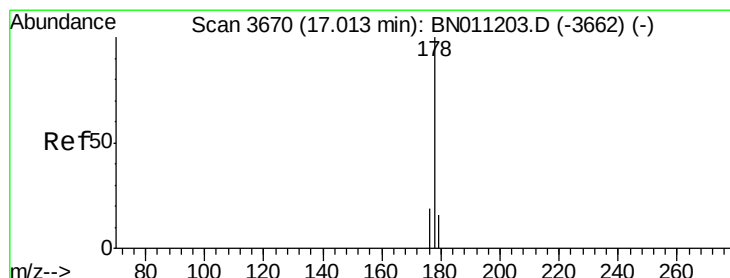
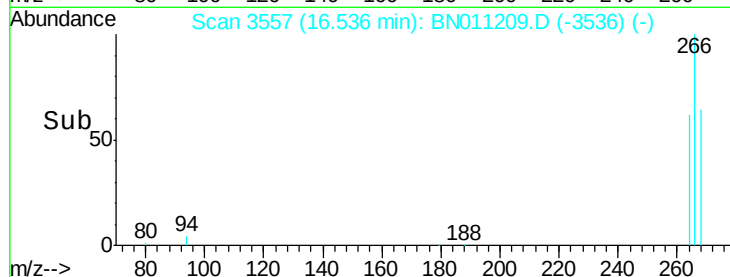
600

400

200

0

Time-->



#13

Anthracene

Concen: 0.440 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.00 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

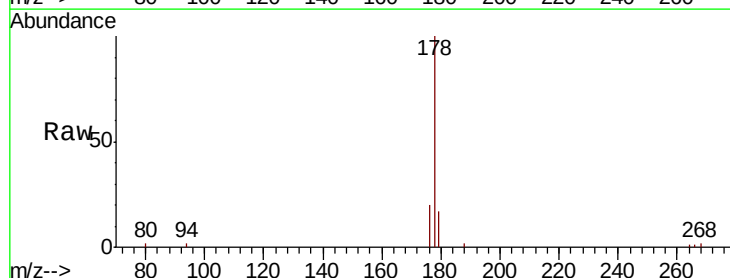
Tgt Ion:178 Resp: 6547

Ion Ratio Lower Upper

178 100

179 17.2 13.8 20.6

176 19.9 16.2 24.2



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

17.01

5000

4000

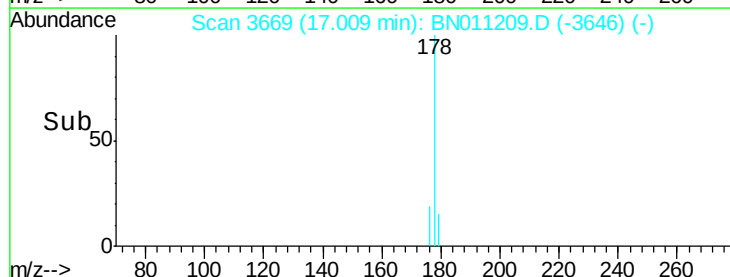
3000

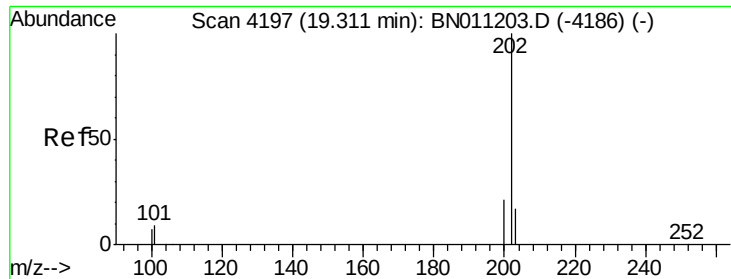
2000

1000

0

Time-->





#17

Pvrene

Concen: 0.654 ng/ul

RT: 19.31 min Scan# 4197

Delta R.T. -0.00 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

Instrument :

BNA_N

ClientSampleId :

X2M78

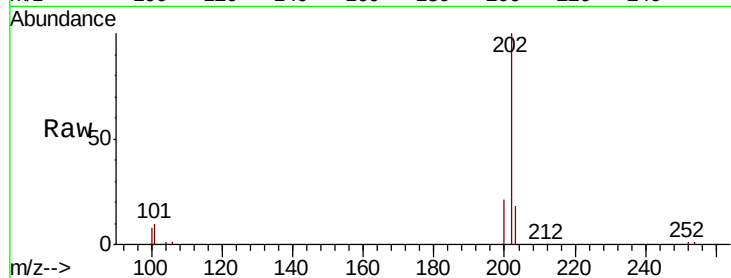
Tot Ion:202 Resp: 15283

Ion Ratio Lower Upper

202 100

101 9.8 8.5 12.7

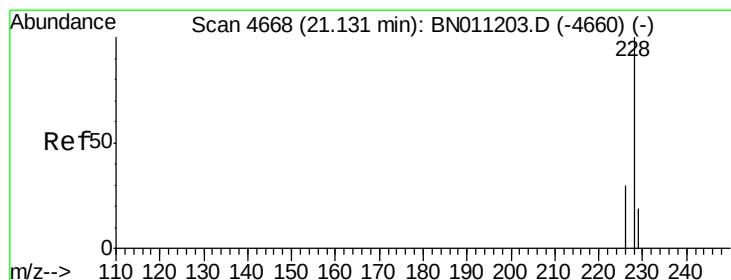
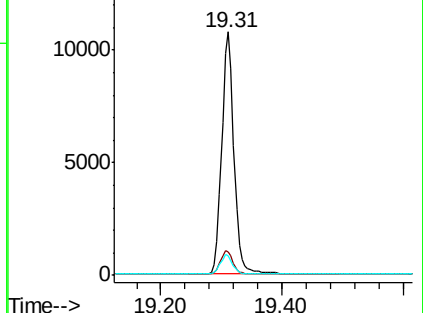
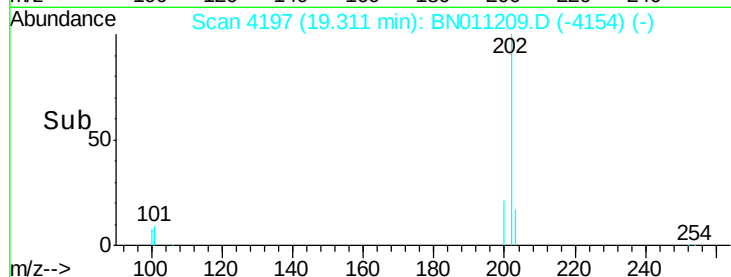
100 8.3 6.7 10.1



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



#19

Chrysene

Concen: 0.496 ng/ul

RT: 21.13 min Scan# 4668

Delta R.T. -0.00 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

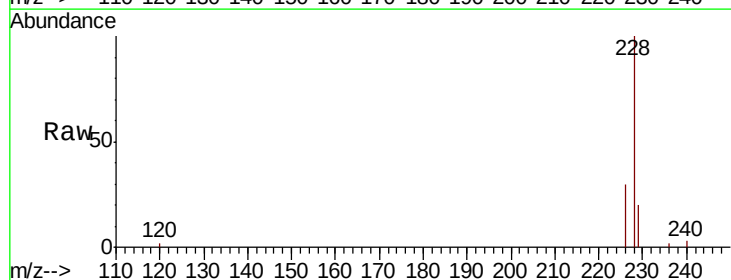
Tgt Ion:228 Resp: 10204

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

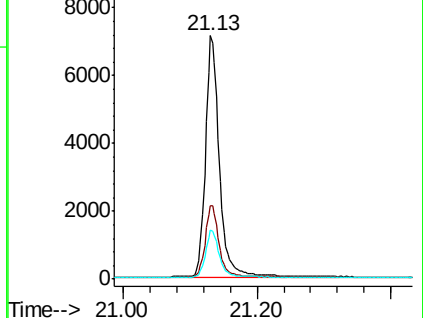
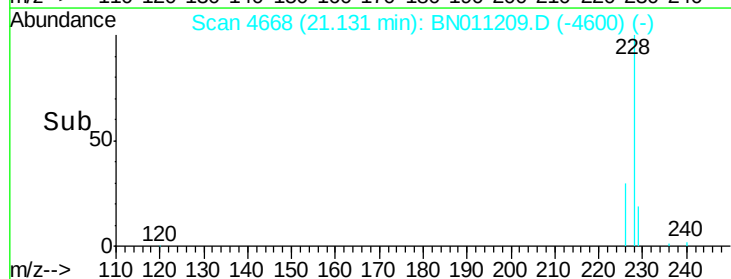
229 19.9 16.2 24.4

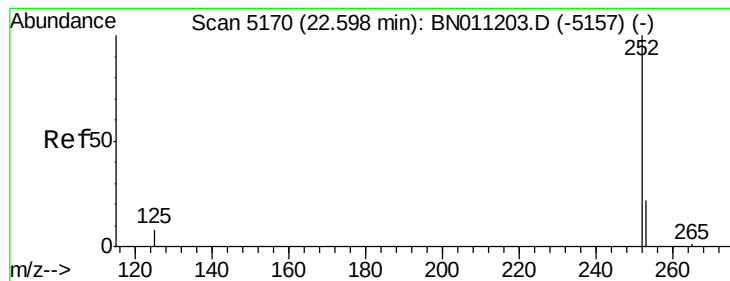


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.627 ng/ul

RT: 22.60 min Scan# 5172

Delta R.T. 0.01 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

Instrument :

BNA_N

ClientSampleId :

X2M78

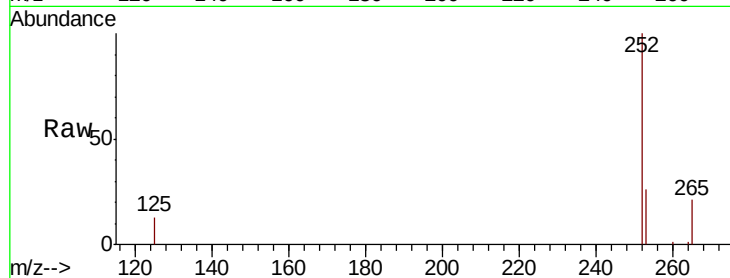
Tot Ion:252 Resp: 10619

Ion Ratio Lower Upper

252 100

253 26.1 0.0 61.0

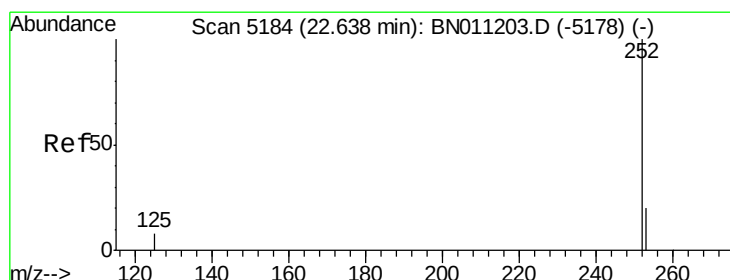
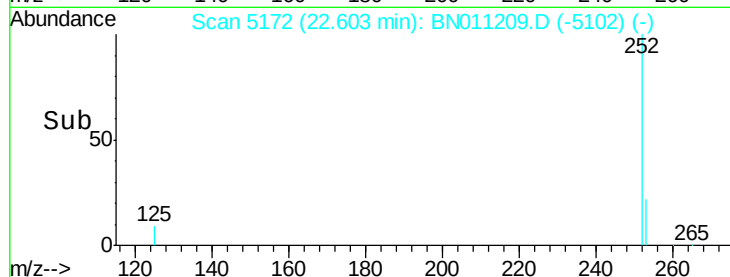
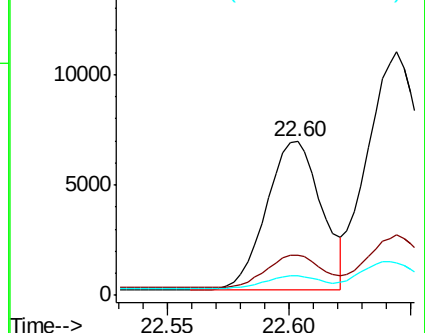
125 12.7 0.0 29.4



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: 0.974 ng/ul

RT: 22.64 min Scan# 5186

Delta R.T. 0.01 min

Lab File: BN011209.D

Acq: 20 Jul 2020 15:16

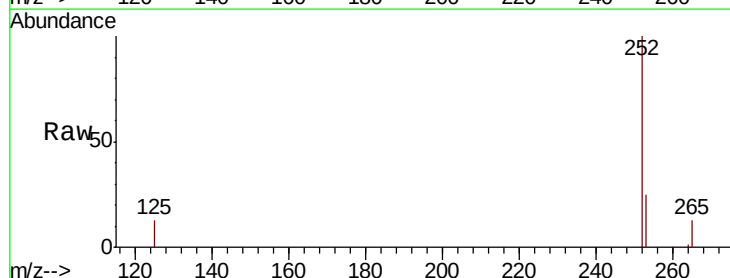
Tgt Ion:252 Resp: 18934

Ion Ratio Lower Upper

252 100

253 24.7 23.2 34.8

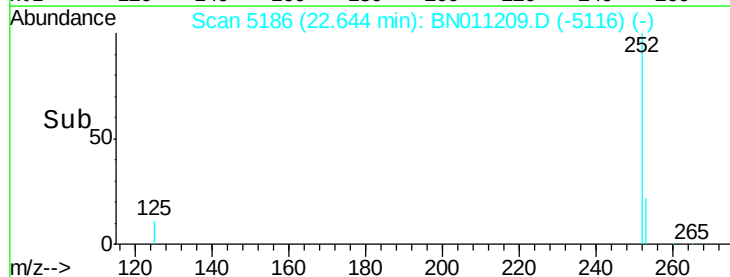
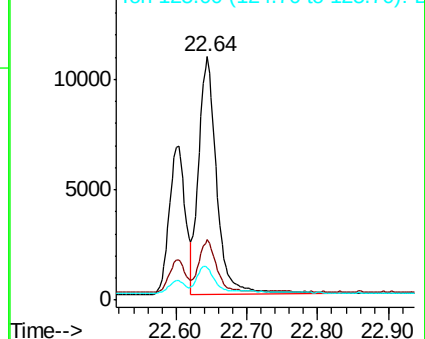
125 13.4 12.4 18.6

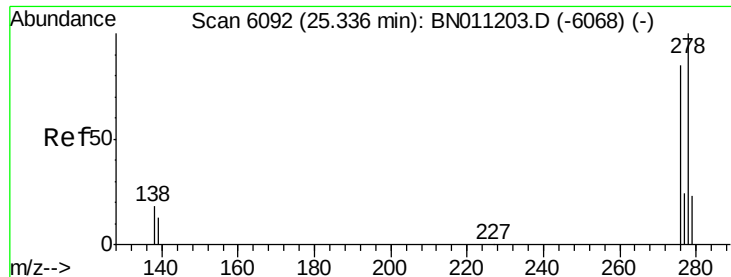


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.720 ng/ul

RT: 25.33 min Scan# 6091

Delta R.T. -0.00 min

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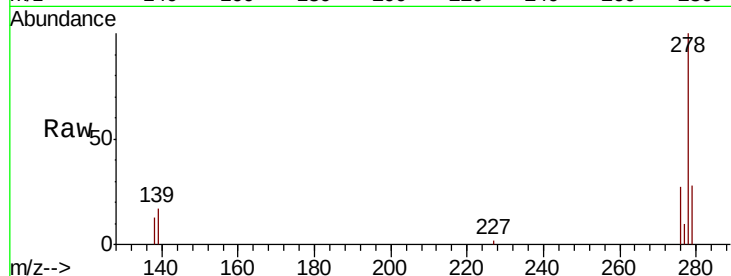
Tot Ion:278 Resp: 9117

Ion Ratio Lower Upper

278 100

139 16.8 15.2 22.8

279 27.9 27.8 41.8



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

