

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011727.D
 Acq On : 05 Sep 2020 07:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 07:54:37 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

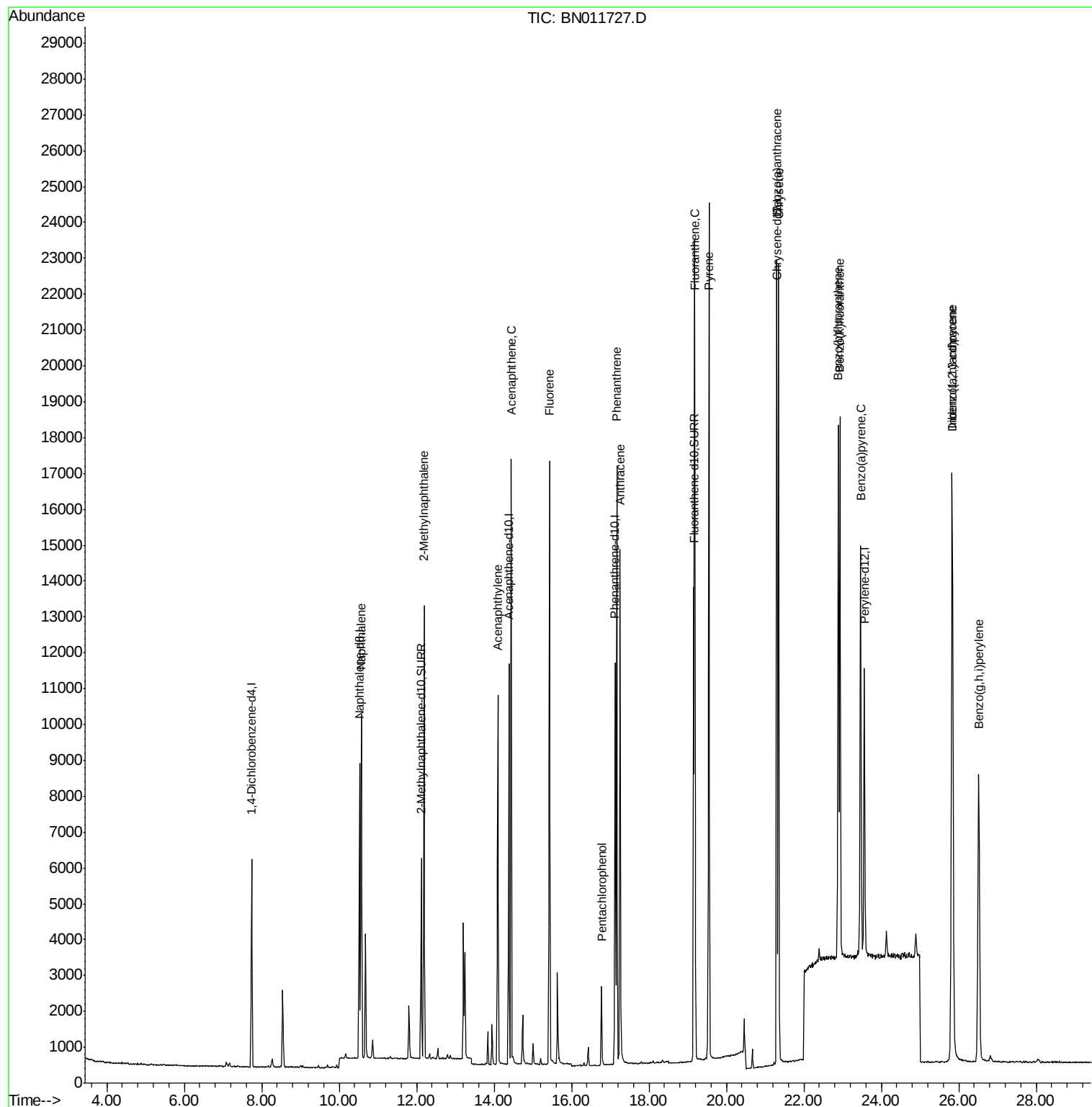
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2772	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10791	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6036	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	12956	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	10933	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	10204	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	7107	0.47	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	14407	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	12672	0.403	ng/ul	97
5) 2-Methylnaphthalene	12.19	142	8473	0.426	ng/ul	100
7) Acenaphthylene	14.09	152	11558	0.380	ng/ul	97
8) Acenaphthene	14.44	153	9248	0.391	ng/ul	98
9) Fluorene	15.43	166	10583	0.380	ng/ul	99
11) Pentachlorophenol	16.77	266	1476	0.480	ng/ul	98
12) Phenanthrene	17.16	178	17271	0.394	ng/ul	97
13) Anthracene	17.25	178	15621	0.433	ng/ul	96
15) Fluoranthene	19.18	202	19476	0.386	ng/ul	96
17) Pyrene	19.54	202	19594	0.459	ng/ul#	94
18) Benzo(a)anthracene	21.30	228	17430	0.475	ng/ul	97
19) Chrysene	21.35	228	18516	0.374	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	18562	0.419	ng/ul	96
22) Benzo(k)fluoranthene	22.93	252	18855	0.385	ng/ul	96
23) Benzo(a)pyrene	23.46	252	16703	0.448	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	20971	0.416	ng/ul	94
25) Dibenzo(a,h)anthracene	25.84	278	16943	0.412	ng/ul	96
26) Benzo(g,h,i)perylene	26.51	276	17424	0.369	ng/ul	98

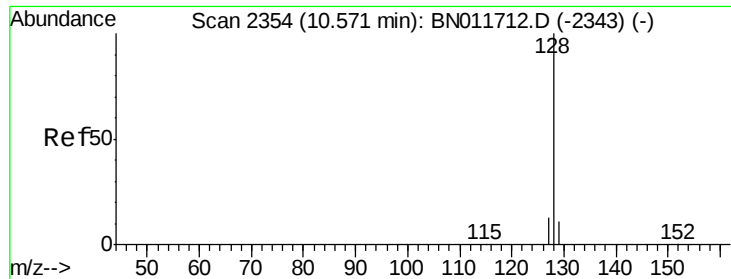
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampled :

Quant Time: Sep 05 07:54:37 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: 0.403 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

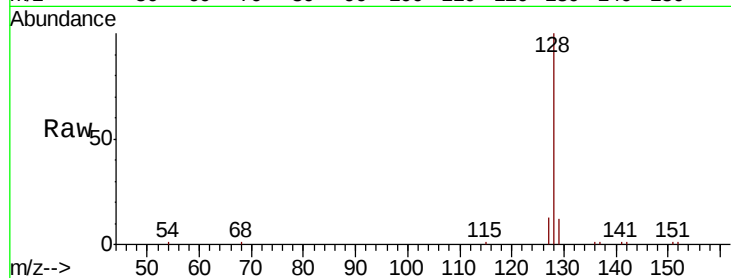
Tot Ion:128 Resp: 12672

Ion Ratio Lower Upper

128 100

129 11.7 10.4 15.6

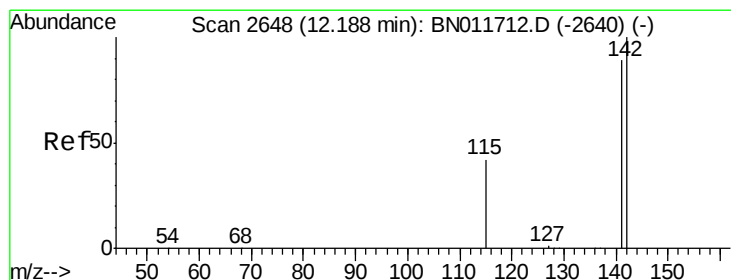
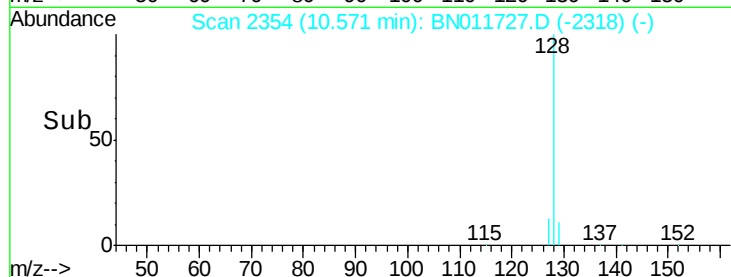
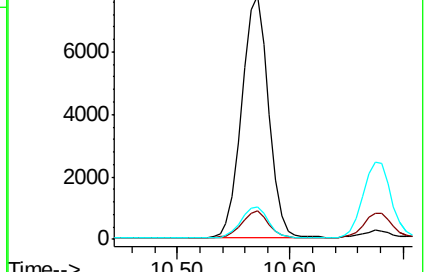
127 13.3 11.4 17.0



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



#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 12.19 min Scan# 2648

Delta R.T. -0.00 min

Lab File: BN011727.D

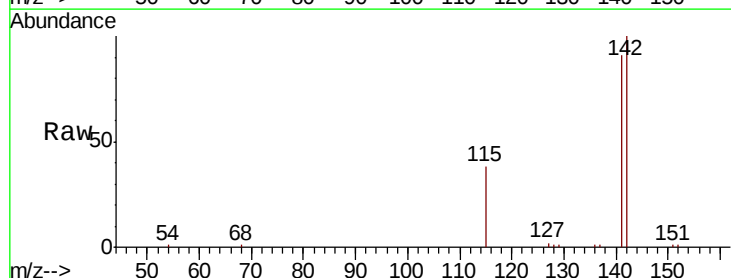
Acq: 05 Sep 2020 07:24

Tgt Ion:142 Resp: 8473

Ion Ratio Lower Upper

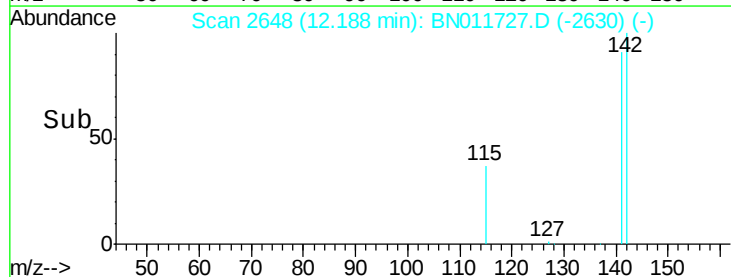
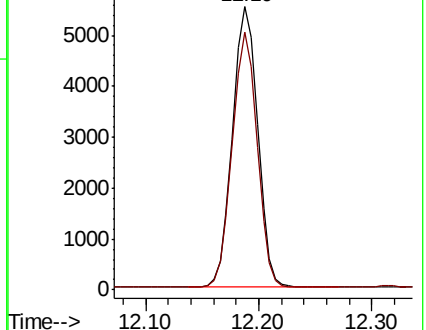
142 100

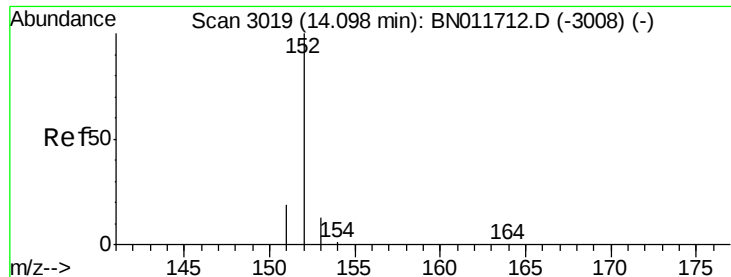
141 89.9 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.380 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

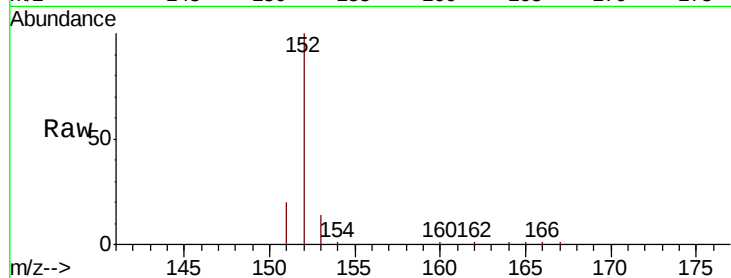
Tot Ion:152 Resp: 11558

Ion Ratio Lower Upper

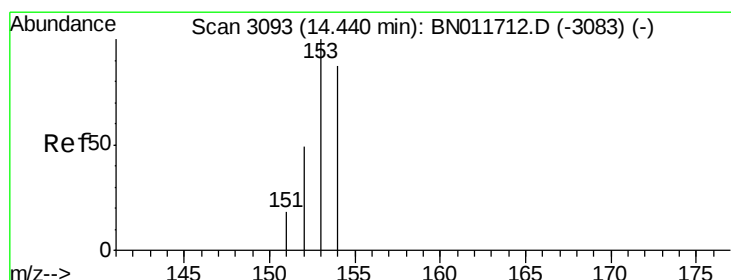
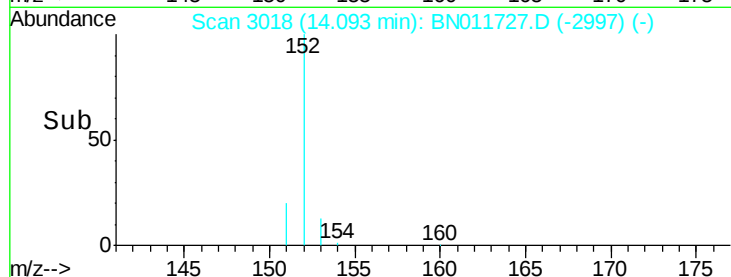
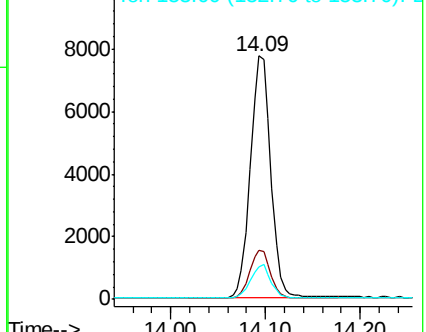
152 100

151 20.1 16.7 25.1

153 13.6 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



#8

Acenaphthene

Concen: 0.391 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

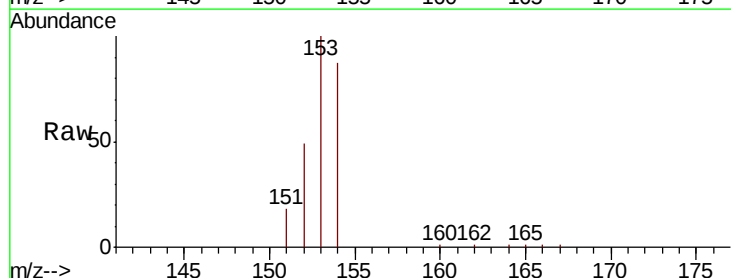
Tgt Ion:153 Resp: 9248

Ion Ratio Lower Upper

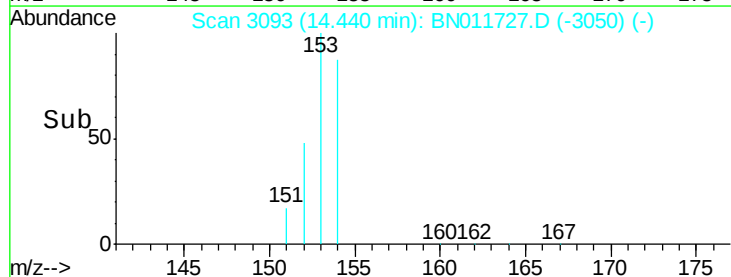
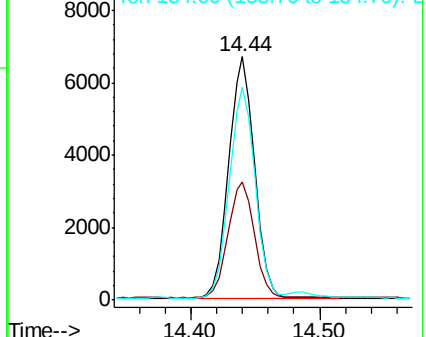
153 100

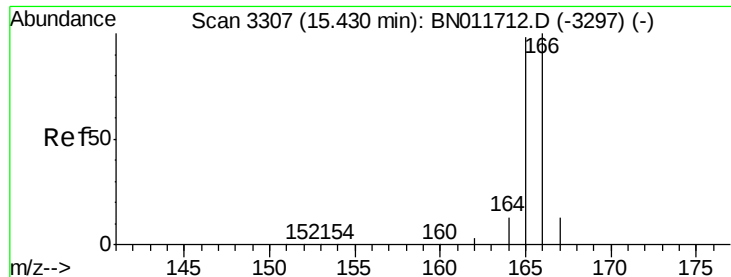
152 48.8 41.0 61.6

154 87.3 70.2 105.2



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: 0.380 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

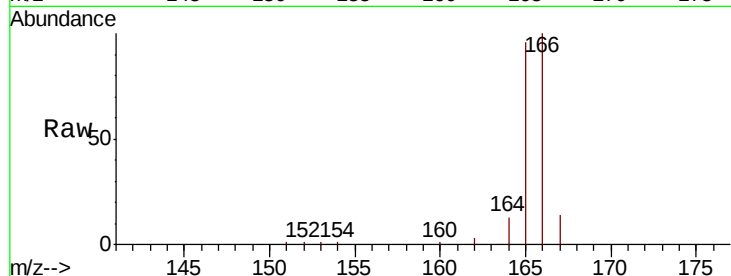
Tot Ion:166 Resp: 10583

Ion Ratio Lower Upper

166 100

165 96.3 77.7 116.5

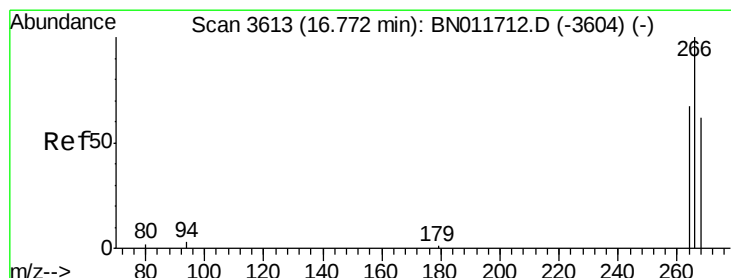
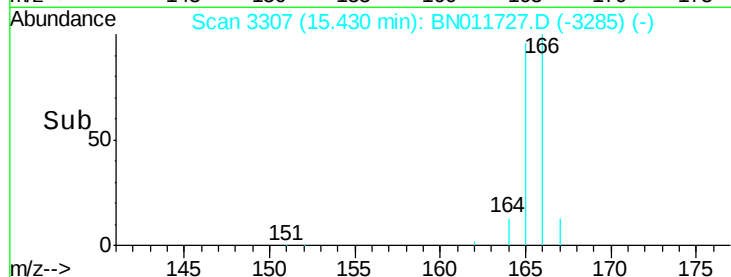
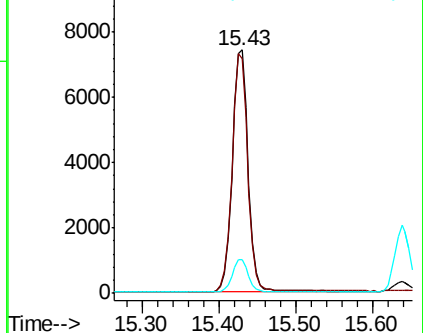
167 14.0 12.5 18.7



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: 0.480 ng/ul

RT: 16.77 min Scan# 3613

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

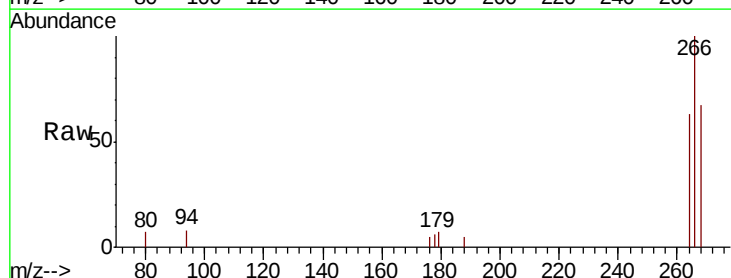
Tgt Ion:266 Resp: 1476

Ion Ratio Lower Upper

266 100

264 62.3 51.4 77.2

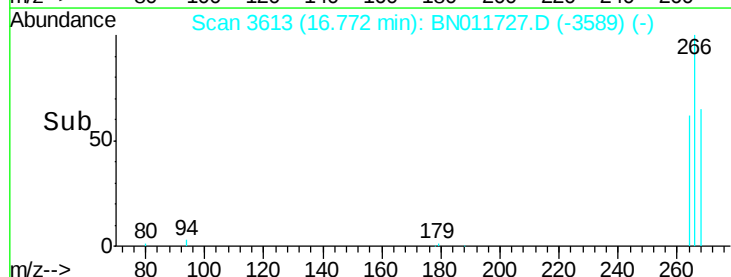
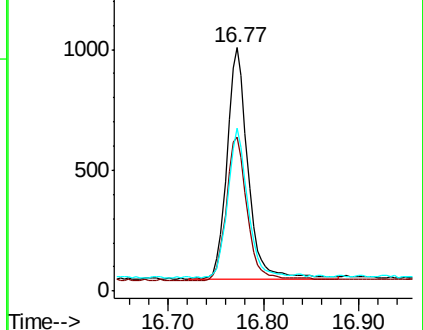
268 62.8 50.6 75.8

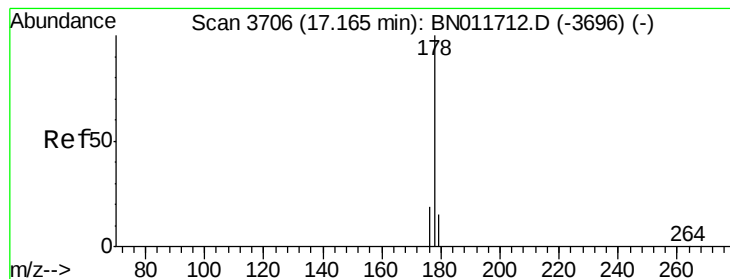


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

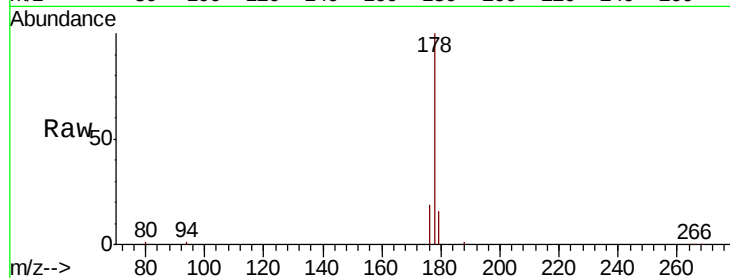
Tot Ion:178 Resp: 17271

Ion Ratio Lower Upper

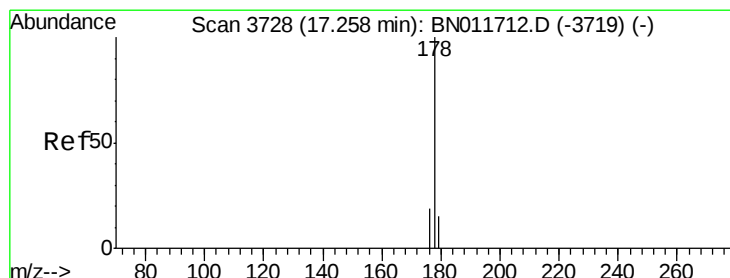
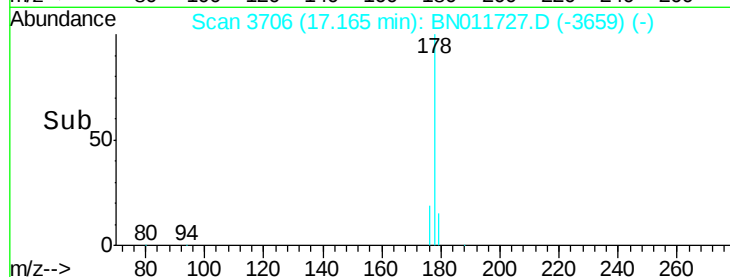
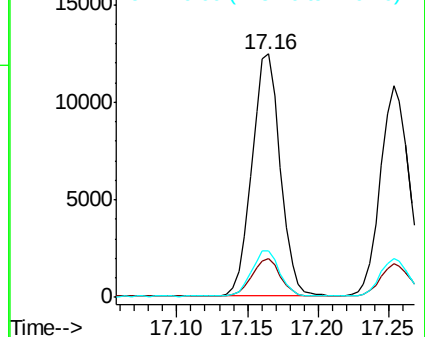
178 100

179 15.7 13.8 20.8

176 19.3 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: 0.433 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

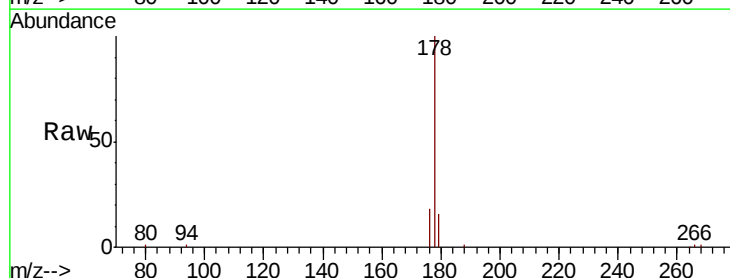
Tgt Ion:178 Resp: 15621

Ion Ratio Lower Upper

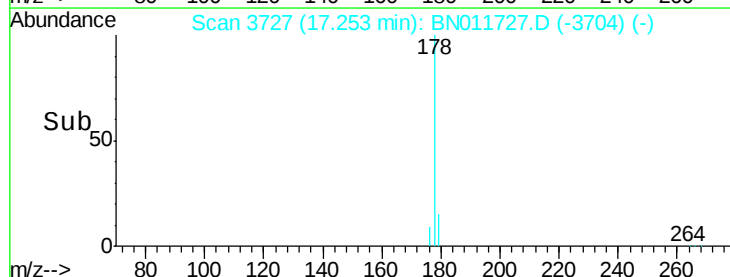
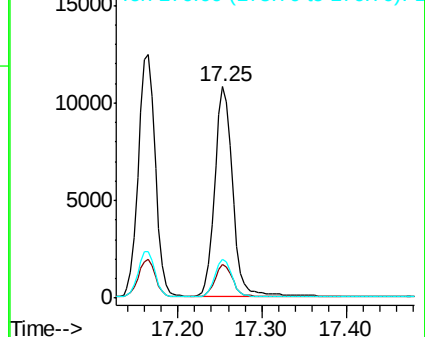
178 100

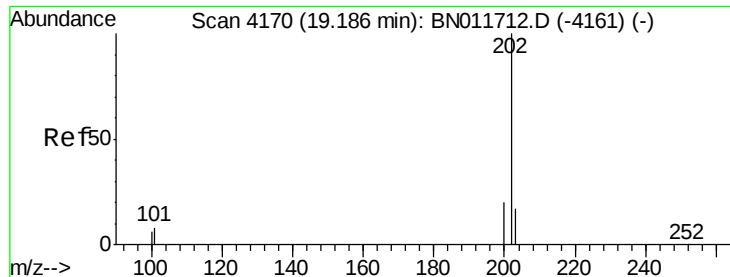
179 15.8 14.2 21.2

176 18.5 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: 0.386 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

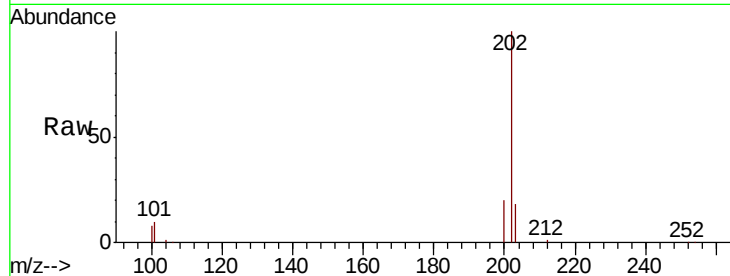
Tot Ion:202 Resp: 19476

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.3

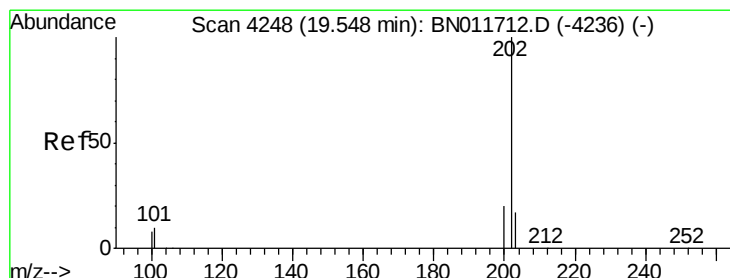
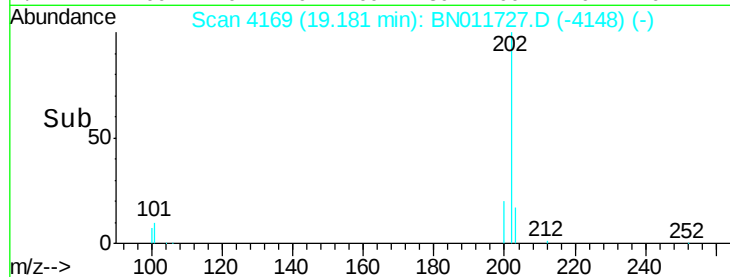
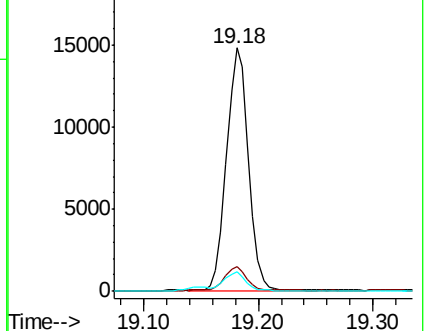
100 7.8 0.0 27.1



Abundance Ion 202.00 (201.70 to 202.70): E

20000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.459 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

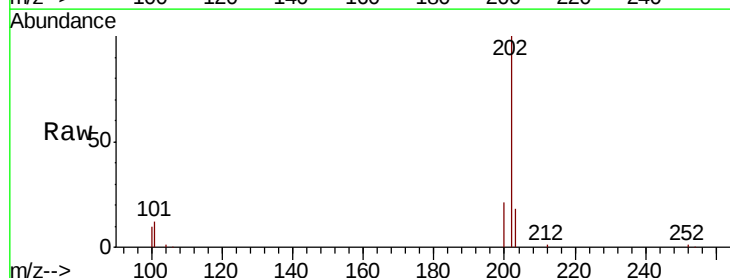
Tgt Ion:202 Resp: 19594

Ion Ratio Lower Upper

202 100

101 11.8 7.3 10.9#

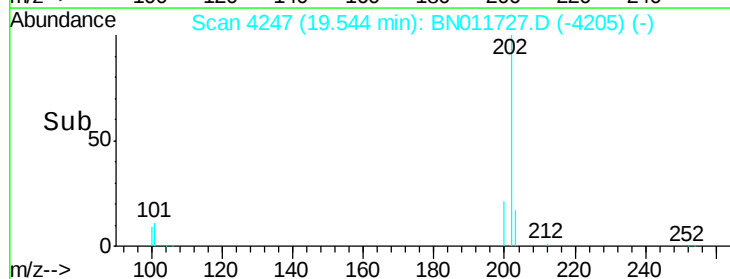
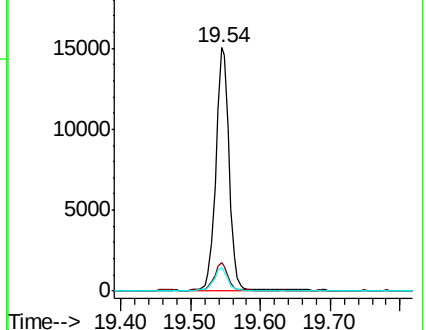
100 9.8 6.7 10.1

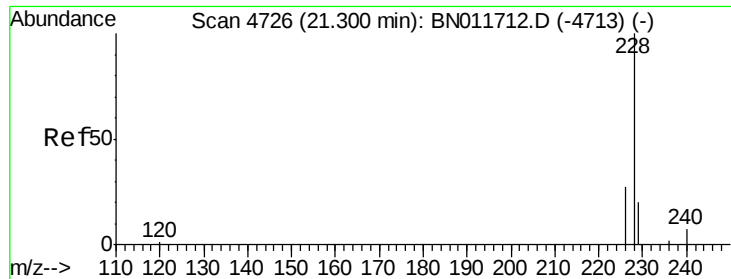


Abundance Ion 202.00 (201.70 to 202.70): E

20000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

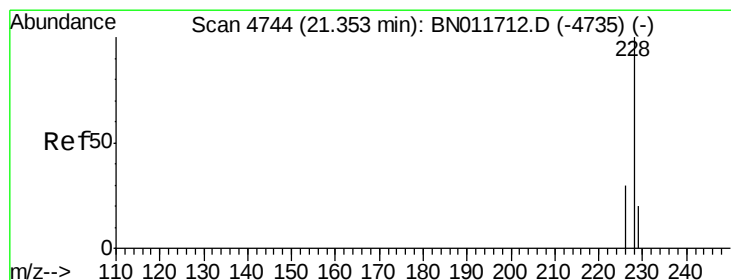
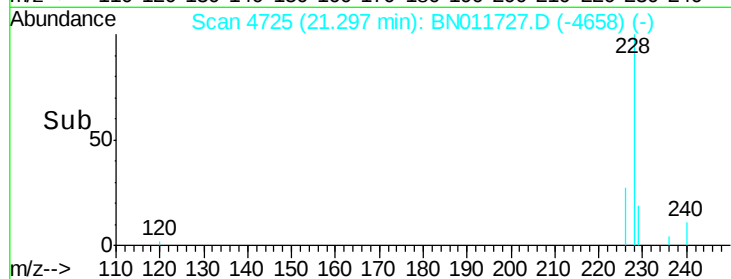
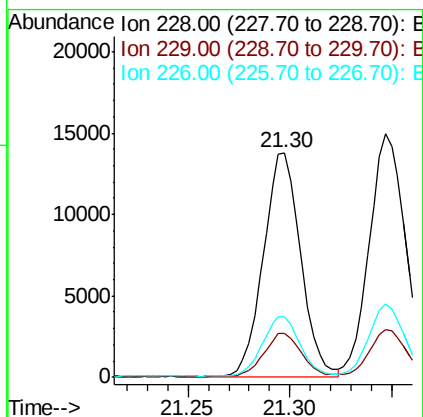
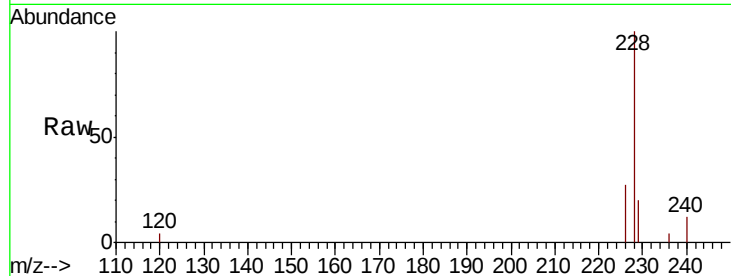




#18
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 21.30 min Scan# 4725
Delta R.T. -0.00 min
Lab File: BN011727.D
Acq: 05 Sep 2020 07:24

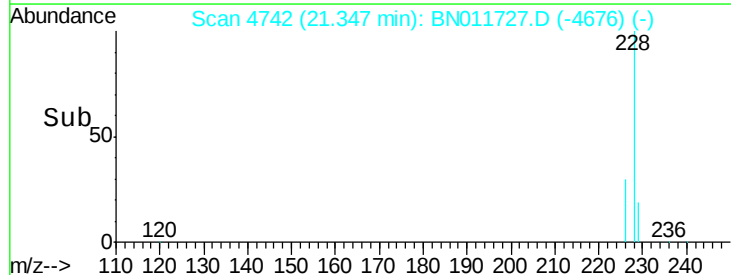
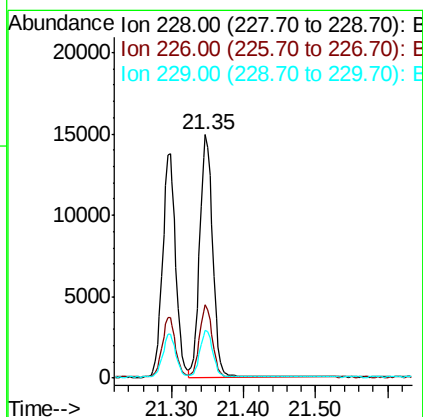
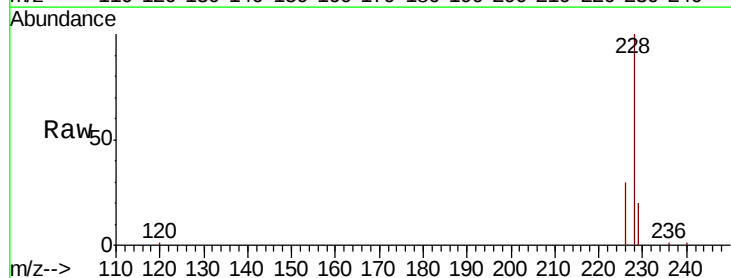
Instrument :
BNA_N
ClientSampleId :

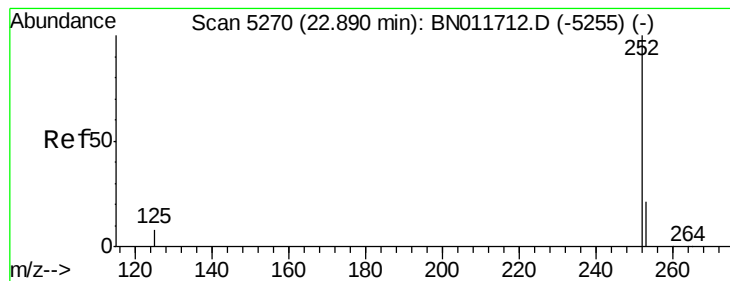
Tot Ion:228 Resp: 17430
Ion Ratio Lower Upper
228 100
229 19.8 16.7 25.1
226 27.0 22.9 34.3



#19
Chrysene
Concen: 0.374 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011727.D
Acq: 05 Sep 2020 07:24

Tgt Ion:228 Resp: 18516
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.8 16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

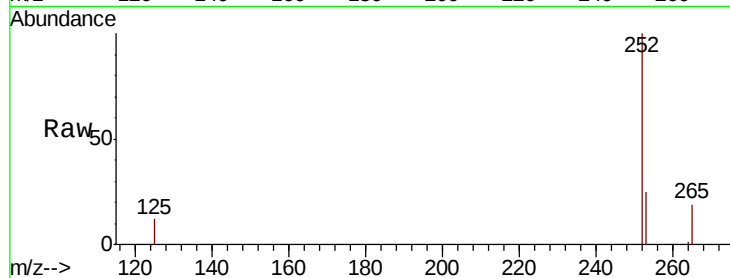
Tot Ion:252 Resp: 18562

Ion Ratio Lower Upper

252 100

253 24.9 0.0 54.8

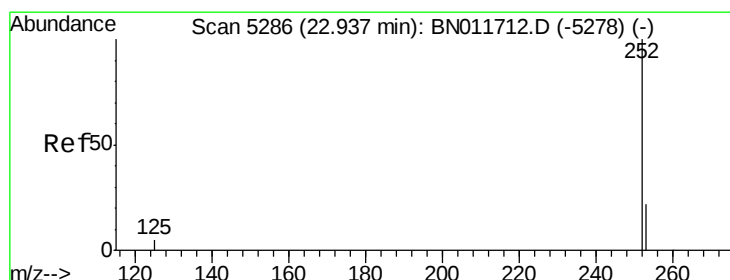
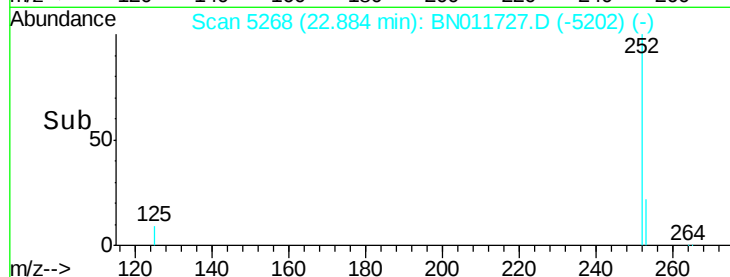
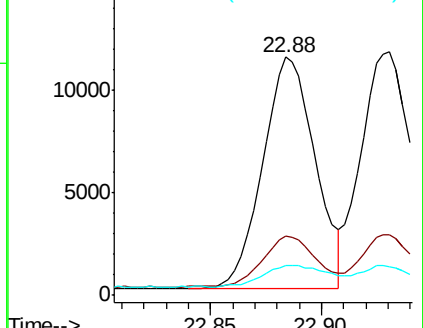
125 12.5 0.0 22.2



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: 0.385 ng/ul

RT: 22.93 min Scan# 5284

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

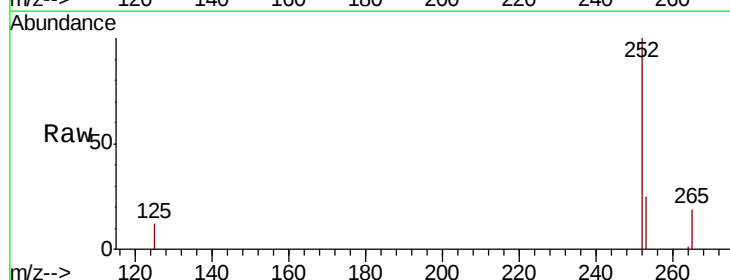
Tgt Ion:252 Resp: 18855

Ion Ratio Lower Upper

252 100

253 24.7 21.8 32.6

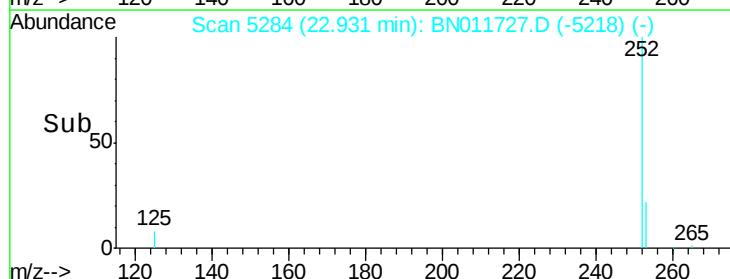
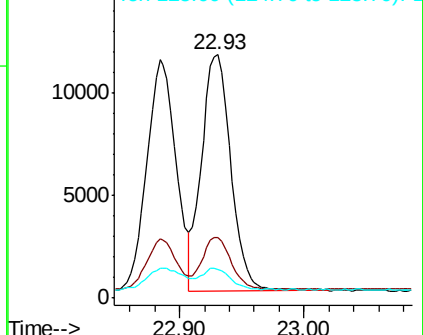
125 11.9 9.1 13.7

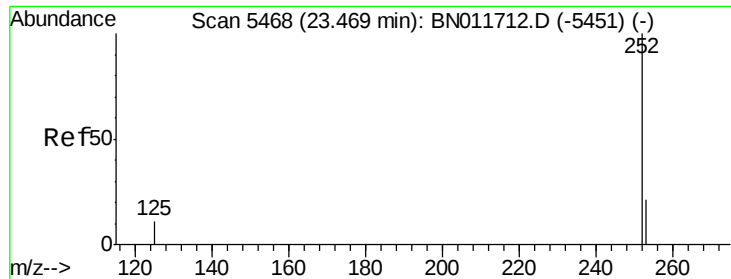


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.448 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

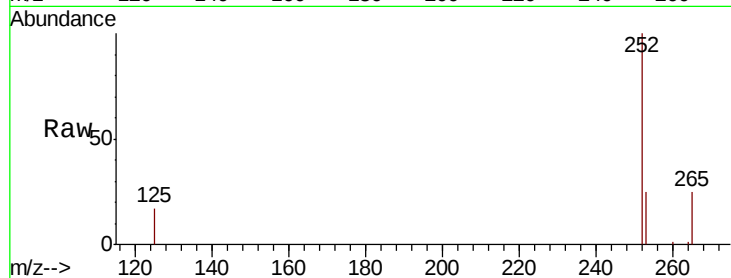
Tot Ion:252 Resp: 16703

Ion Ratio Lower Upper

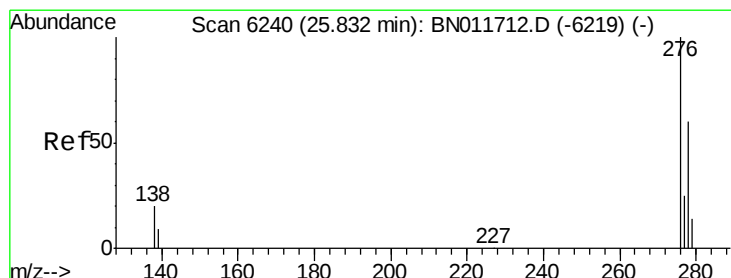
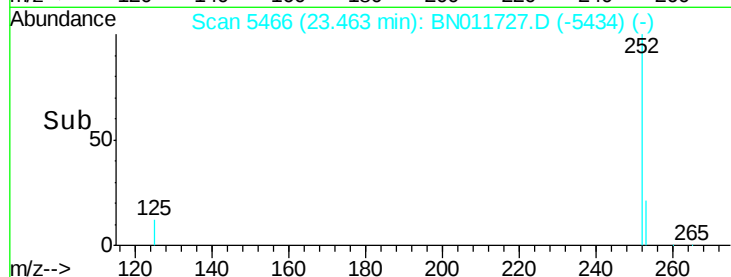
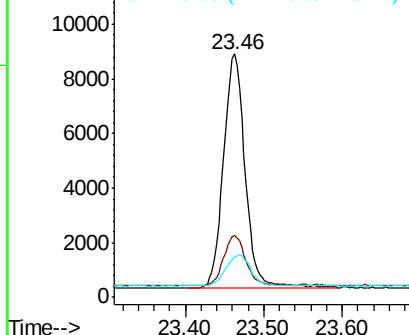
252 100

253 25.4 24.4 36.6

125 16.7 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: 0.416 ng/ul

RT: 25.82 min Scan# 6237

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

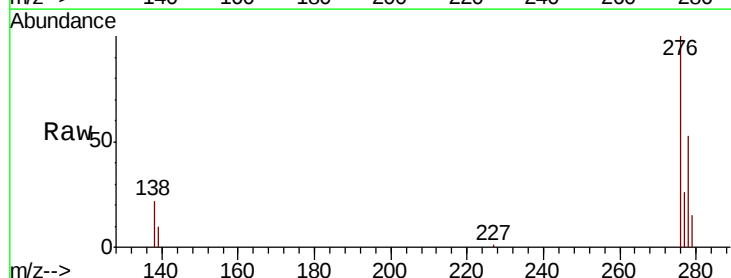
Tgt Ion:276 Resp: 20971

Ion Ratio Lower Upper

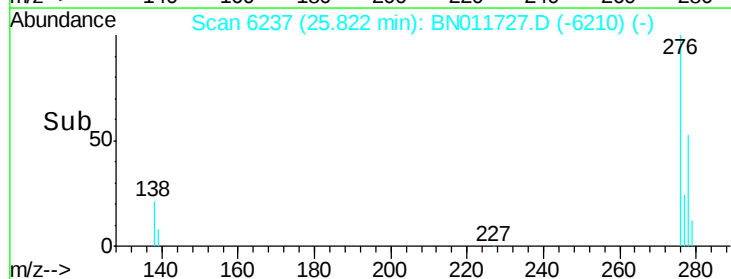
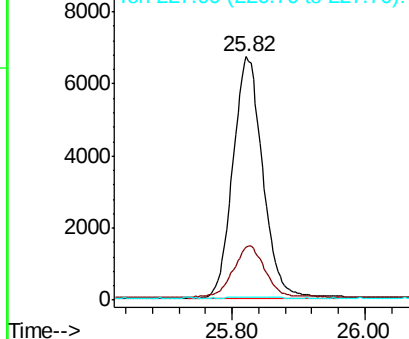
276 100

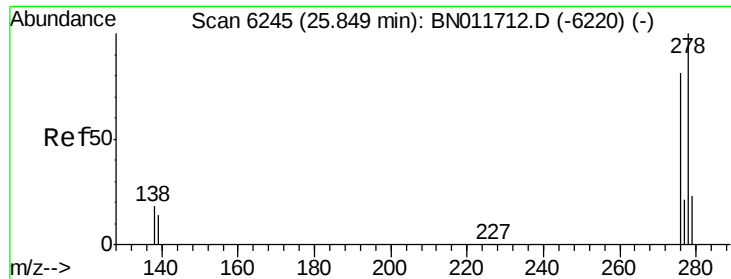
138 22.4 15.8 23.6

227 0.2 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: 0.412 ng/ul

RT: 25.84 min Scan# 6242

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

Instrument :

BNA_N

ClientSampleId :

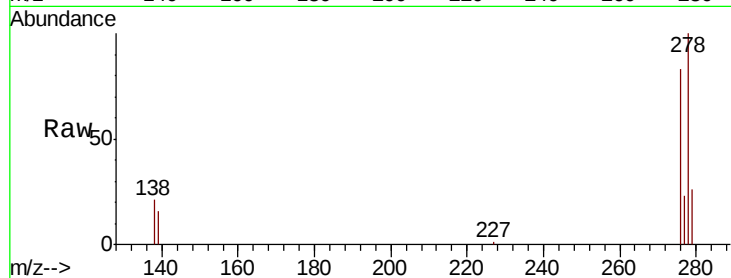
Tot Ion:278 Resp: 16943

Ion Ratio Lower Upper

278 100

139 16.0 12.1 18.1

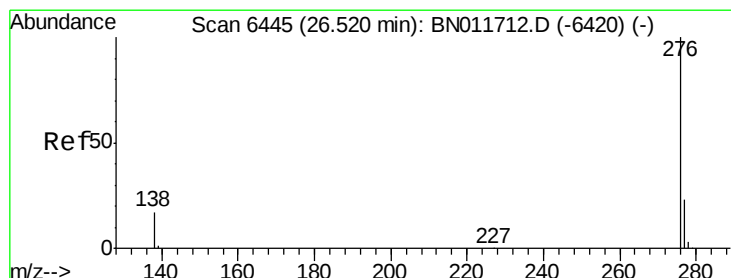
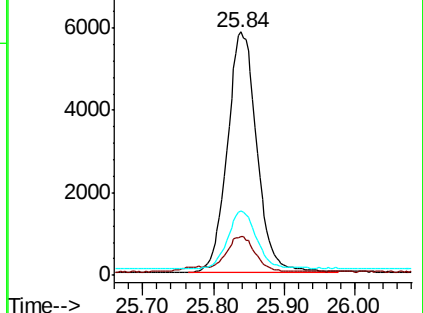
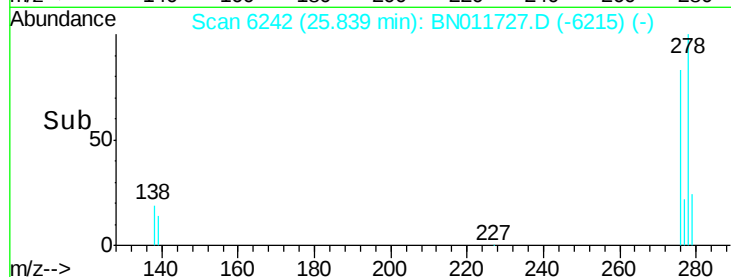
279 26.2 22.9 34.3



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: 0.369 ng/ul

RT: 26.51 min Scan# 6443

Delta R.T. -0.01 min

Lab File: BN011727.D

Acq: 05 Sep 2020 07:24

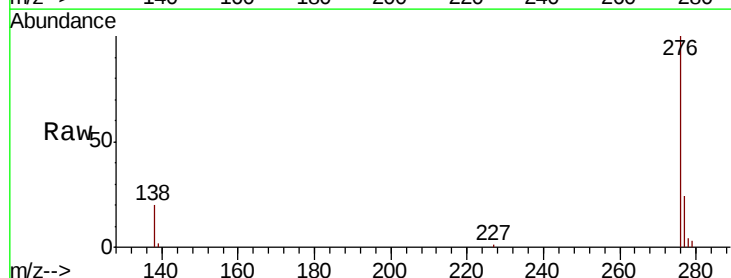
Tgt Ion:276 Resp: 17424

Ion Ratio Lower Upper

276 100

138 20.1 15.8 23.6

277 24.4 20.6 31.0



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

