

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011311.D
 Acq On : 30 Jul 2020 22:53
 Operator : CG/JU
 Sample : L3388-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6

Quant Time: Jul 31 03:01:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	858	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3550	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	5449	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5742	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6581	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	1210	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	3699	0.14	ng/ul	0.00

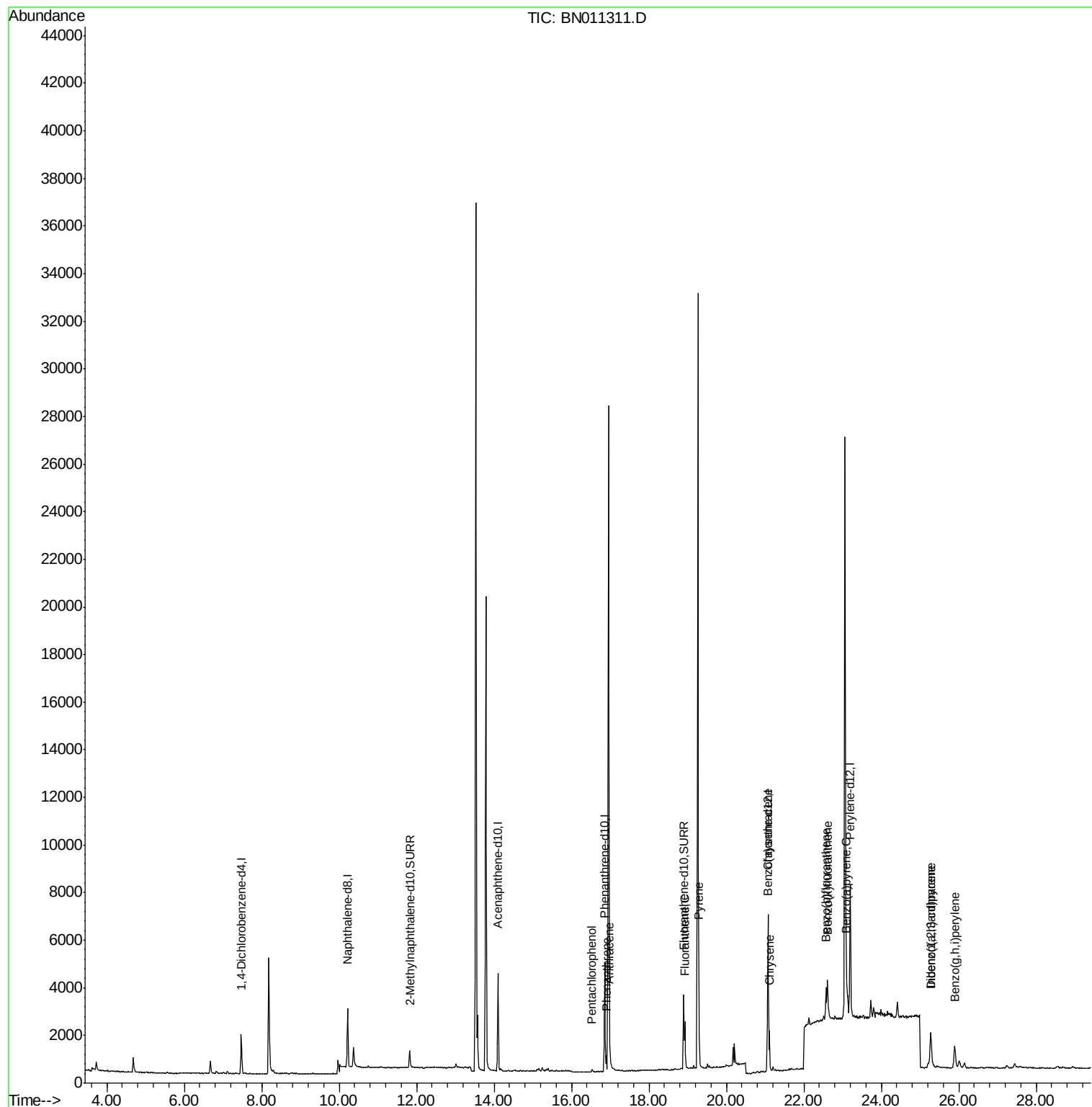
Target Compounds				Ovalue		
11) Pentachlorophenol	16.52	266	82	0.061	ng/ul#	87
12) Phenanthrene	16.89	178	615	0.034	ng/ul#	82
13) Anthracene	16.99	178	379	0.024	ng/ul#	61
15) Fluoranthene	18.93	202	1754	0.079	ng/ul	88
17) Pyrene	19.29	202	1800	0.069	ng/ul#	91
18) Benzo(a)anthracene	21.06	228	1427	0.065	ng/ul#	91
19) Chrysene	21.11	228	1476	0.058	ng/ul#	93
21) Benzo(b)fluoranthene	22.57	252	1707	0.062	ng/ul#	45
22) Benzo(k)fluoranthene	22.61	252	1614	0.052	ng/ul#	28
23) Benzo(a)pyrene	23.11	252	1313	0.055	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.27	276	1864	0.074	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.28	278	1377	0.069	ng/ul#	66
26) Benzo(g,h,i)perylene	25.90	276	1761	0.078	ng/ul#	78

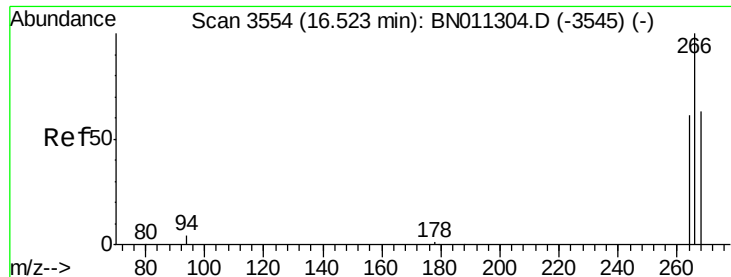
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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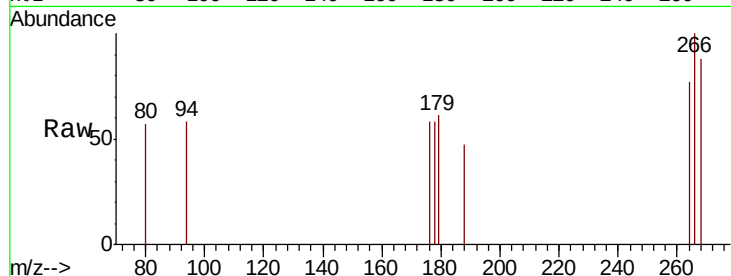




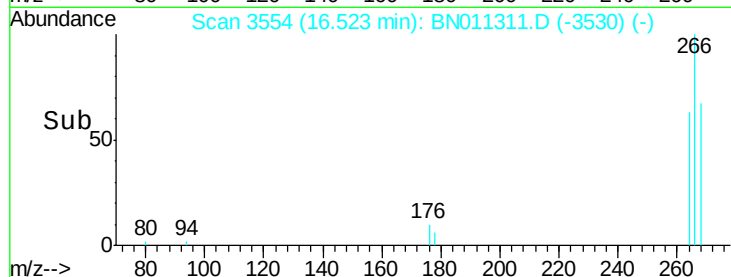
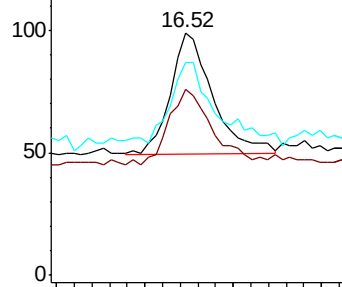
#11
 Pentachlorophenol
 Concen: 0.061 ng/ul
 RT: 16.52 min Scan# 3554
 Delta R.T. -0.00 min
 Lab File: BN011311.D
 Acq: 30 Jul 2020 22:53

Instrument :
 BNA_N
 ClientSampleId :
 C0AD6

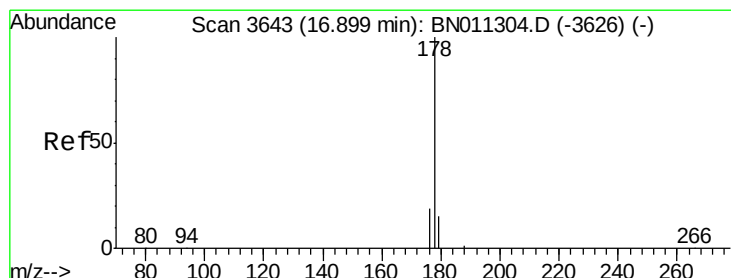
Tot Ion:266 Resp: 82
 Ion Ratio Lower Upper
 266 100
 264 65.9 50.7 76.1
 268 81.7 51.3 76.9#



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

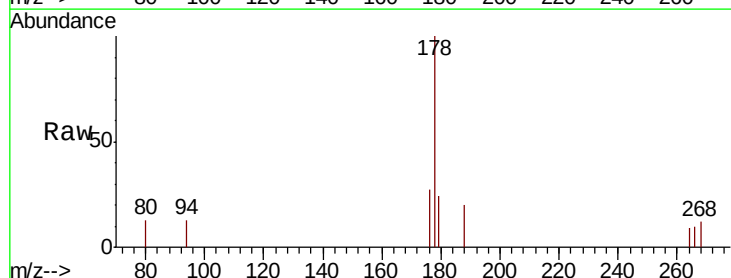


Time-->

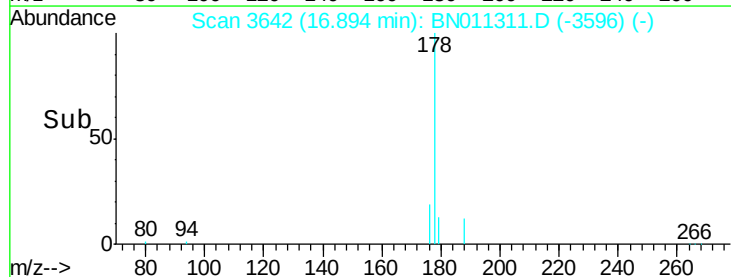
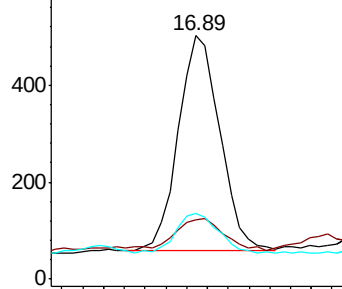


#12
 Phenanthrene
 Concen: 0.034 ng/ul
 RT: 16.89 min Scan# 3642
 Delta R.T. -0.00 min
 Lab File: BN011311.D
 Acq: 30 Jul 2020 22:53

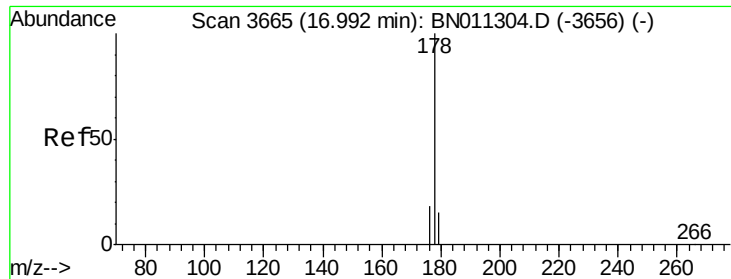
Tgt Ion:178 Resp: 615
 Ion Ratio Lower Upper
 178 100
 179 24.3 12.6 18.8#
 176 26.9 15.7 23.5#



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



Time-->



#13

Anthracene

Concen: 0.024 ng/ul

RT: 16.99 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

Instrument :

BNA_N

ClientSampleId :

C0AD6

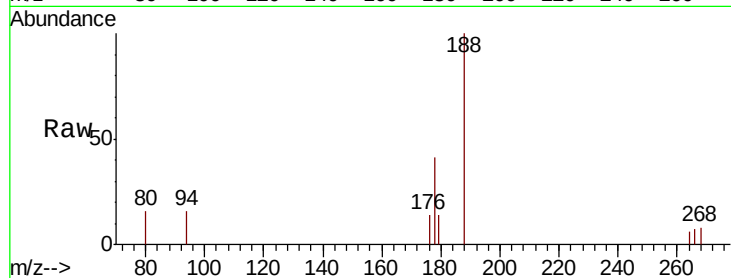
Tot Ion:178 Resp: 379

Ion Ratio Lower Upper

178 100

179 35.0 13.1 19.7#

176 34.0 14.8 22.2#



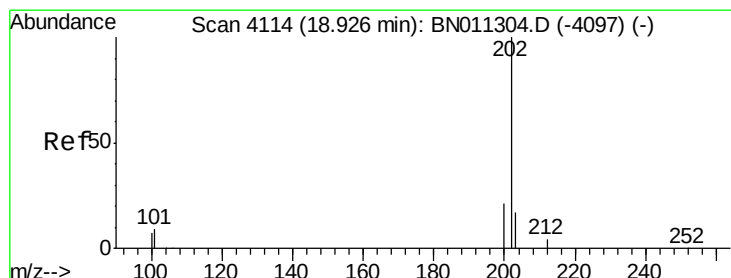
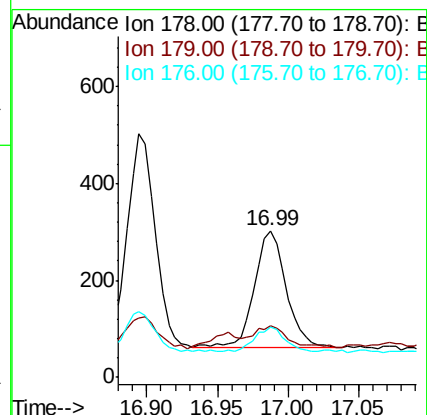
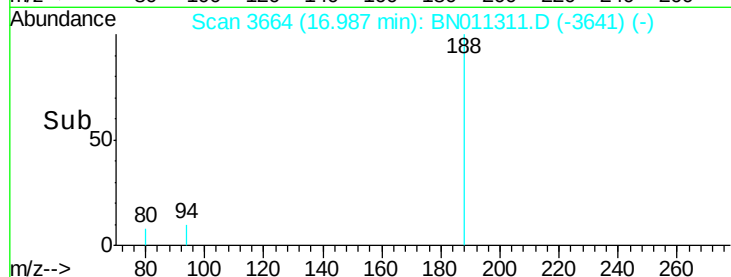
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

16.99

Time-->



#15

Fluoranthene

Concen: 0.079 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

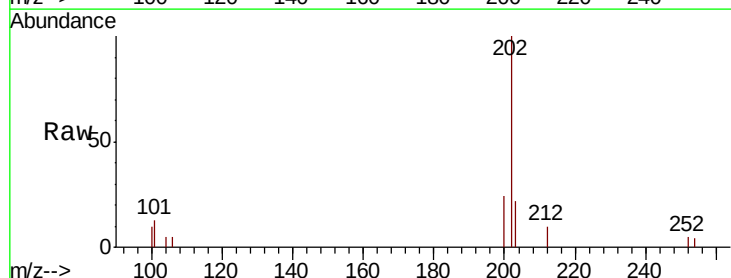
Tgt Ion:202 Resp: 1754

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.2

100 10.3 0.0 26.8



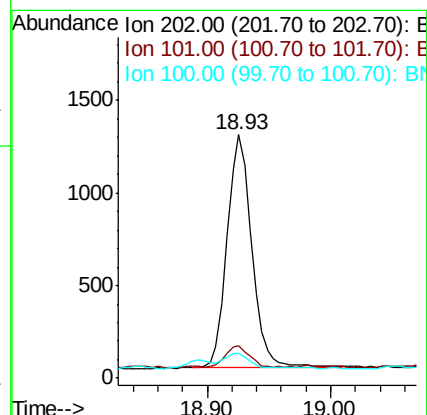
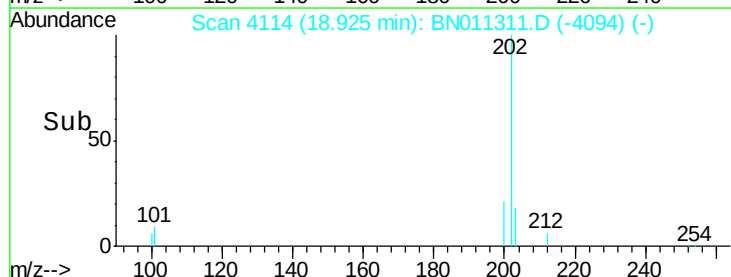
Abundance Ion 202.00 (201.70 to 202.70): E

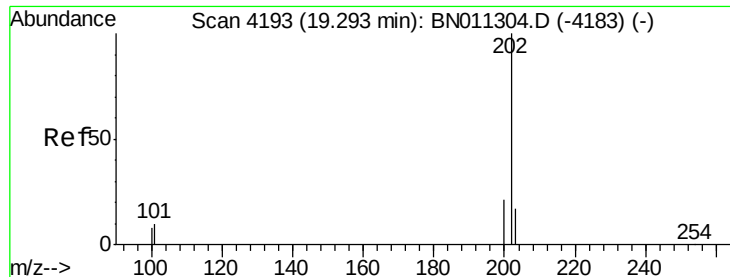
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

18.93

Time-->





#17

Pvrene

Concen: 0.069 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

Instrument :

BNA_N

ClientSampleId :

C0AD6

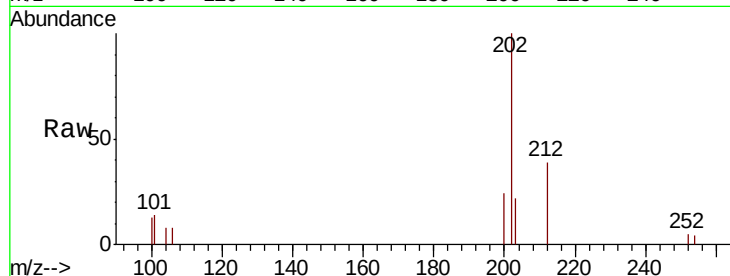
Tot Ion:202 Resp: 1800

Ion Ratio Lower Upper

202 100

101 14.0 8.5 12.7#

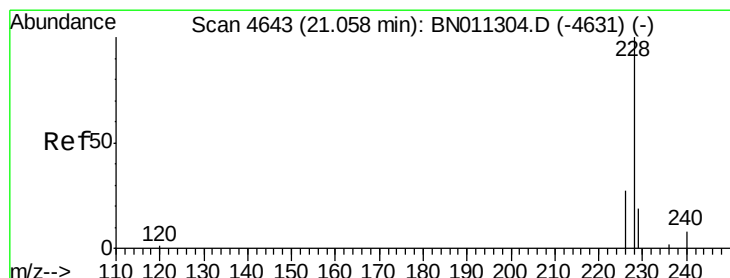
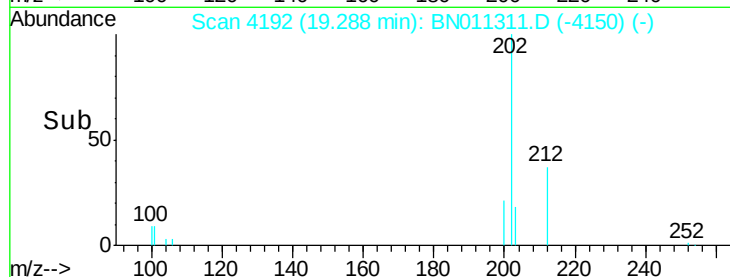
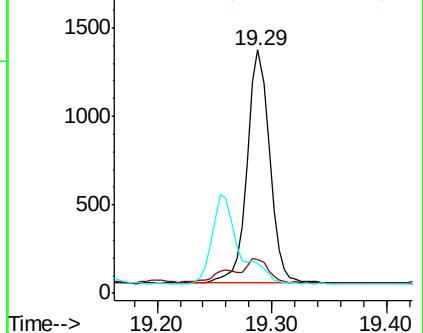
100 12.5 7.1 10.7#



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: 0.065 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

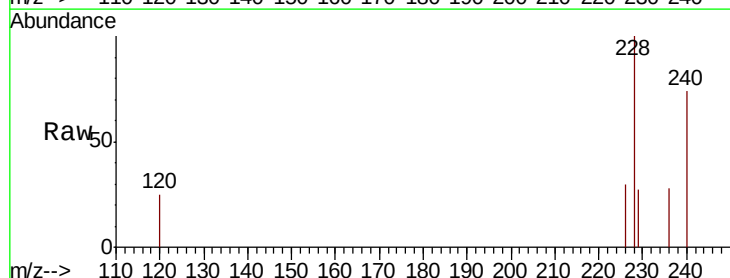
Tgt Ion:228 Resp: 1427

Ion Ratio Lower Upper

228 100

229 27.4 16.1 24.1#

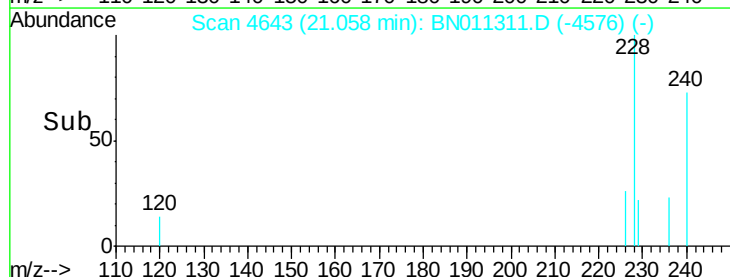
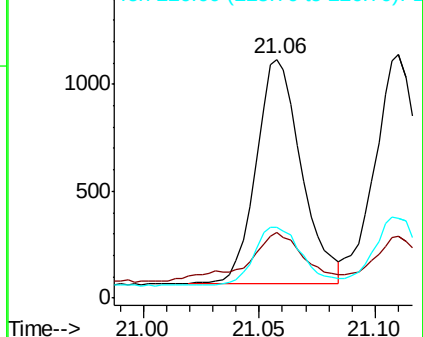
226 29.6 22.2 33.2

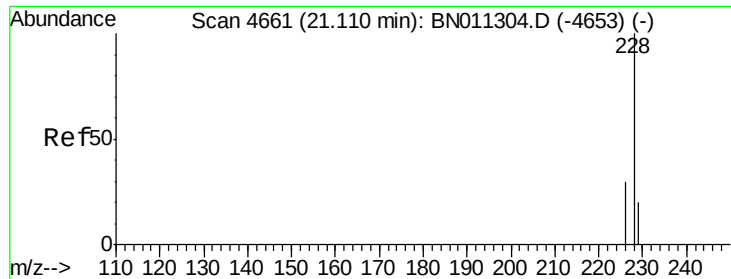


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.058 ng/ul

RT: 21.11 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

Instrument :

BNA_N

ClientSampleId :

C0AD6

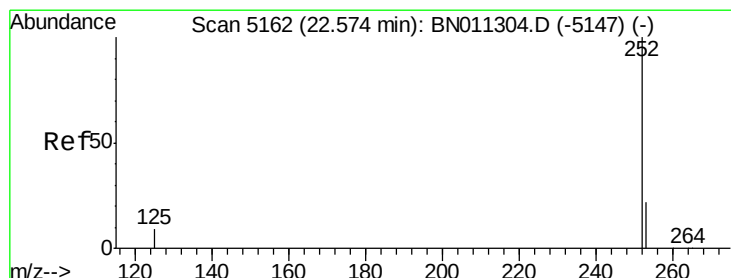
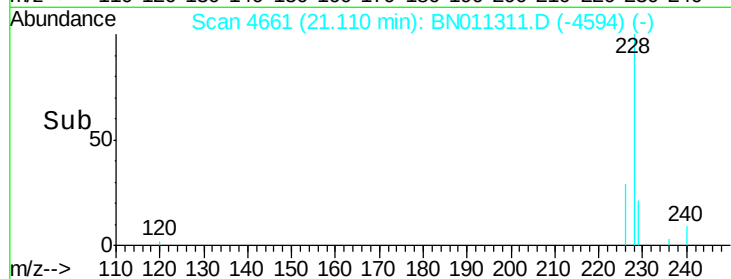
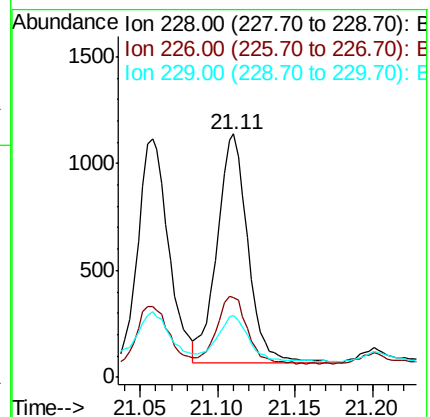
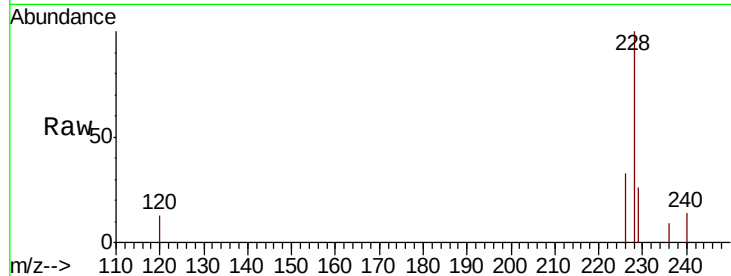
Tot Ion:228 Resp: 1476

Ion Ratio Lower Upper

228 100

226 32.7 24.5 36.7

229 25.5 15.8 23.6#



#21

Benzo(b)fluoranthene

Concen: 0.062 ng/ul

RT: 22.57 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

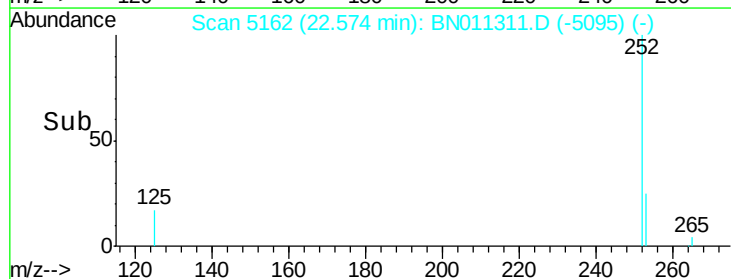
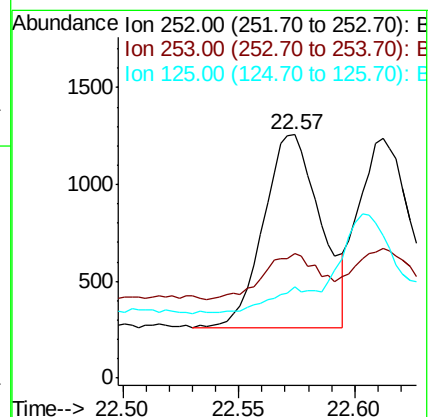
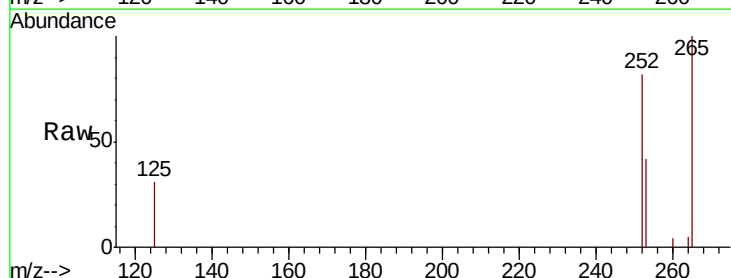
Tgt Ion:252 Resp: 1707

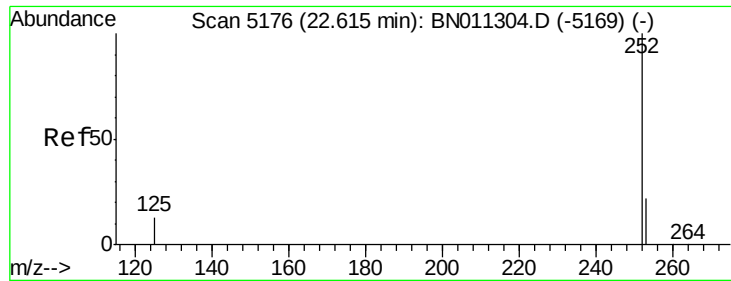
Ion Ratio Lower Upper

252 100

253 51.3 0.0 51.8

125 37.5 0.0 24.2#





#22

Benzo(k)fluoranthene

Concen: 0.052 ng/ul

RT: 22.61 min Scan# 5175

Delta R.T. -0.01 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

Instrument :

BNA_N

ClientSampleId :

C0AD6

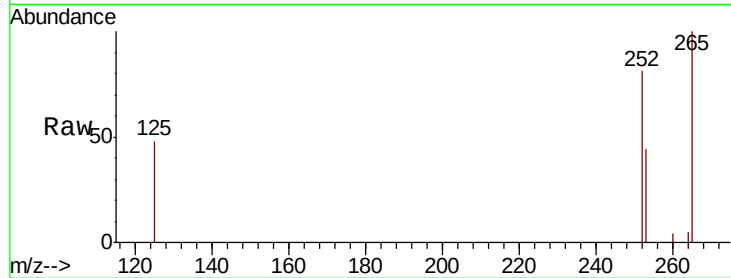
Tot Ion:252 Resp: 1614

Ion Ratio Lower Upper

252 100

253 54.2 21.4 32.0#

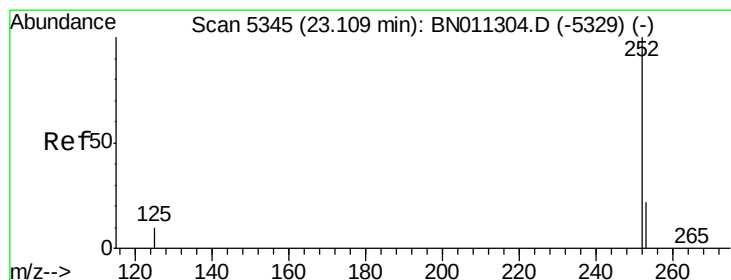
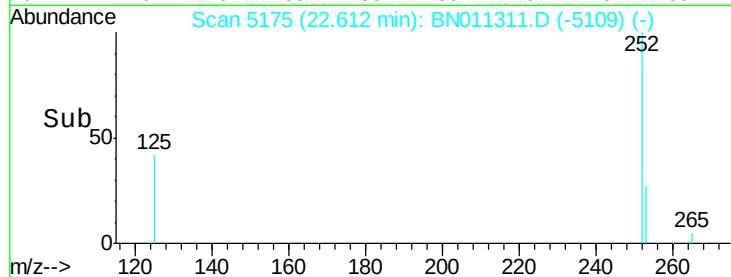
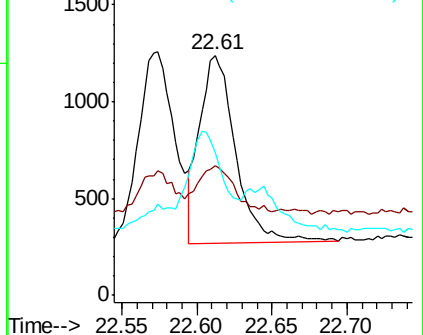
125 59.2 12.6 18.8#



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: 0.055 ng/ul

RT: 23.11 min Scan# 5344

Delta R.T. -0.01 min

Lab File: BN011311.D

Acq: 30 Jul 2020 22:53

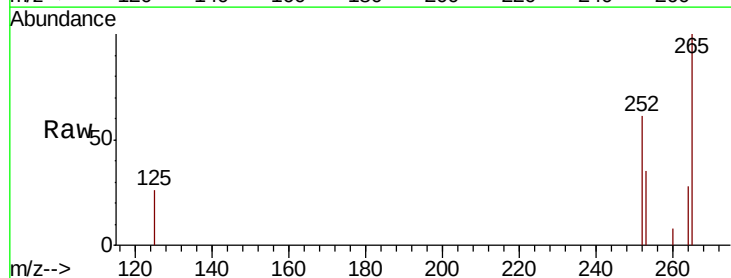
Tgt Ion:252 Resp: 1313

Ion Ratio Lower Upper

252 100

253 56.9 22.6 34.0#

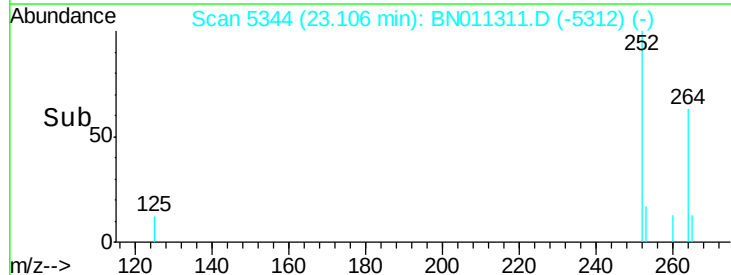
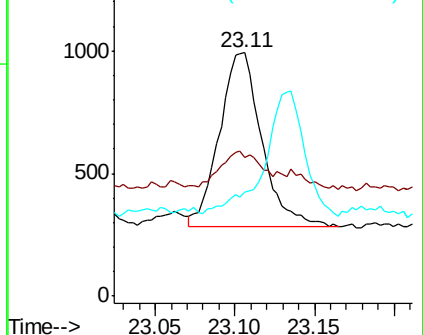
125 42.6 12.6 18.8#

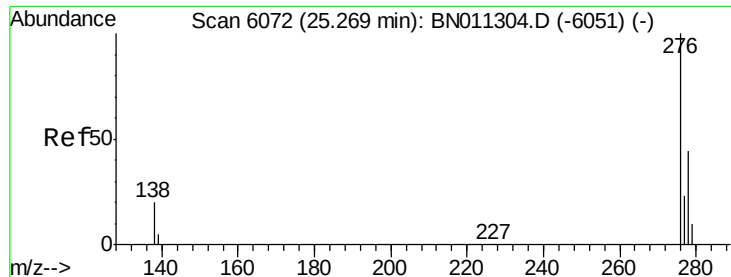


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



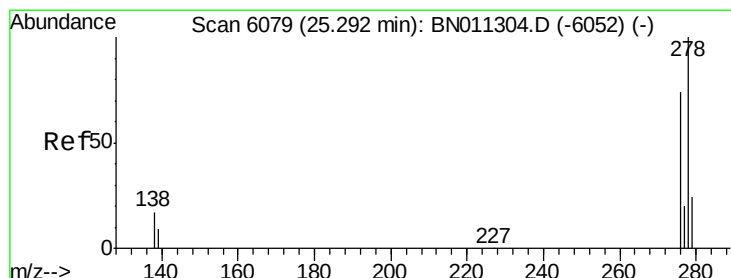
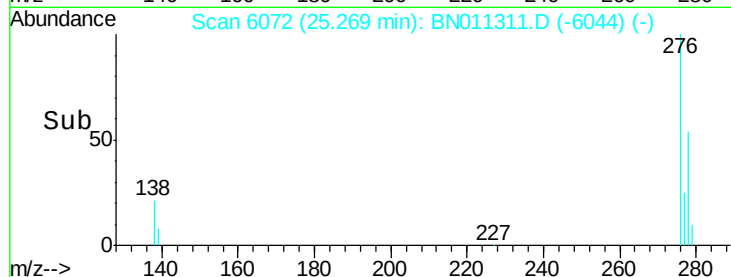
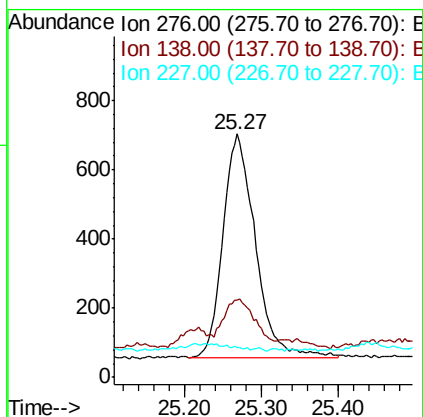
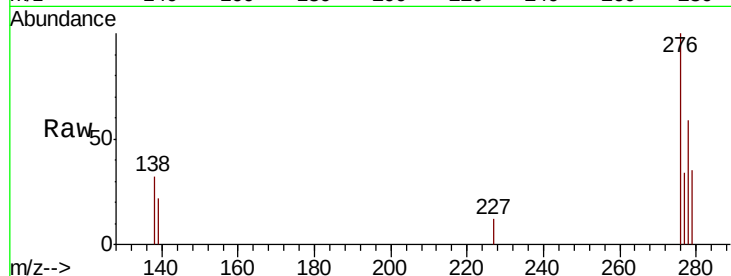


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 25.27 min Scan# 6072
Delta R.T. -0.01 min
Lab File: BN011311.D
Acq: 30 Jul 2020 22:53

Instrument :
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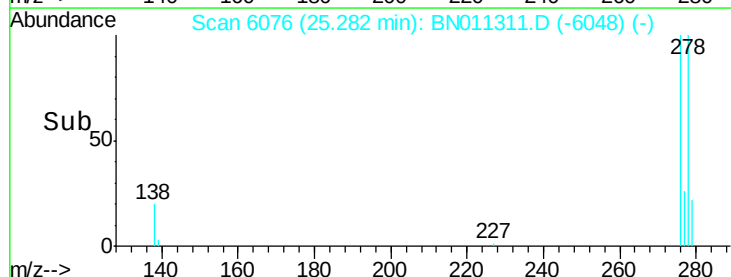
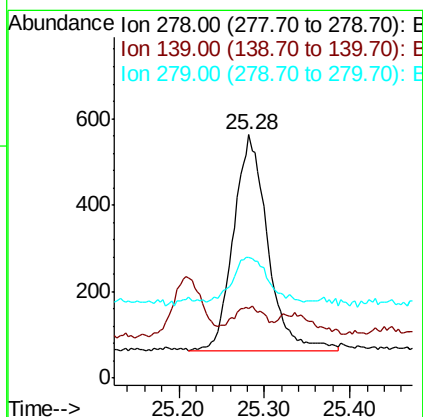
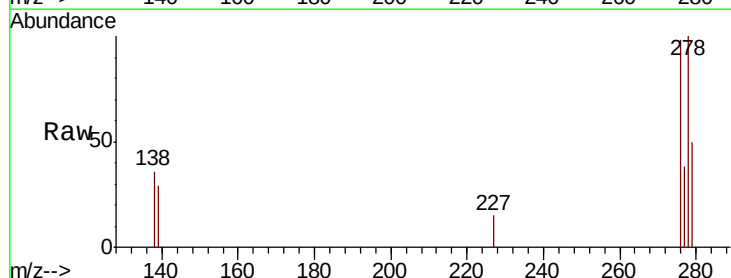
Tot Ion:276 Resp: 1864
Ion Ratio Lower Upper
276 100
138 22.6 18.1 27.1
227 0.0 0.2 0.4#

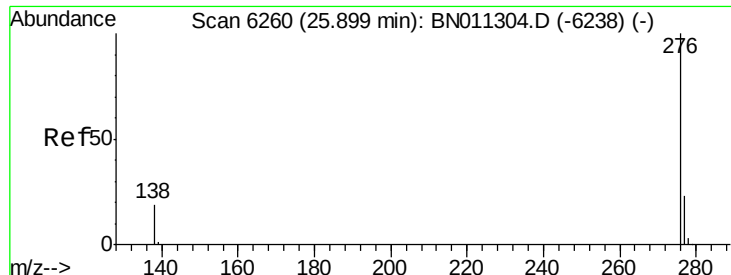


#25

Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.28 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN011311.D
Acq: 30 Jul 2020 22:53

Tgt Ion:278 Resp: 1377
Ion Ratio Lower Upper
278 100
139 28.8 14.0 21.0#
279 49.7 22.9 34.3#





#26

Benzo(a,h,i)perylene

Concen: 0.078 ng/ul

RT: 25.90 min Scan# 6259

Delta R.T. -0.01 min

Lab File: BN011311.D

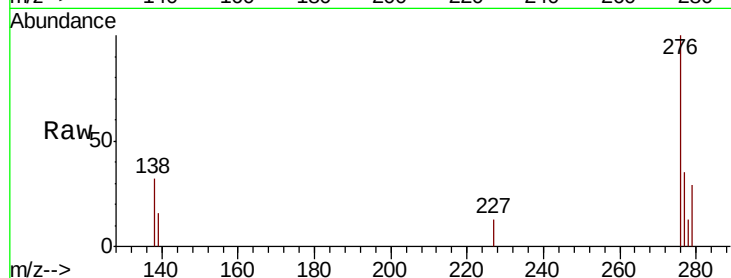
Acq: 30 Jul 2020 22:53

Instrument :

BNA_N

ClientSampleId :

C0AD6



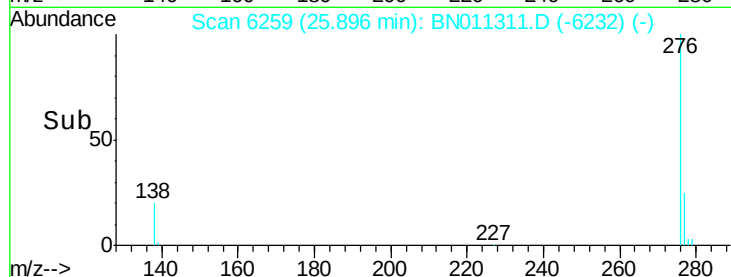
Tot Ion:276 Resp: 1761

Ion Ratio Lower Upper

276 100

138 31.7 16.4 24.6#

277 35.4 20.2 30.4#



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

