

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011306.D
 Acq On : 30 Jul 2020 19:52
 Operator : CG/JU
 Sample : L3388-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7

Quant Time: Jul 31 03:00:31 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

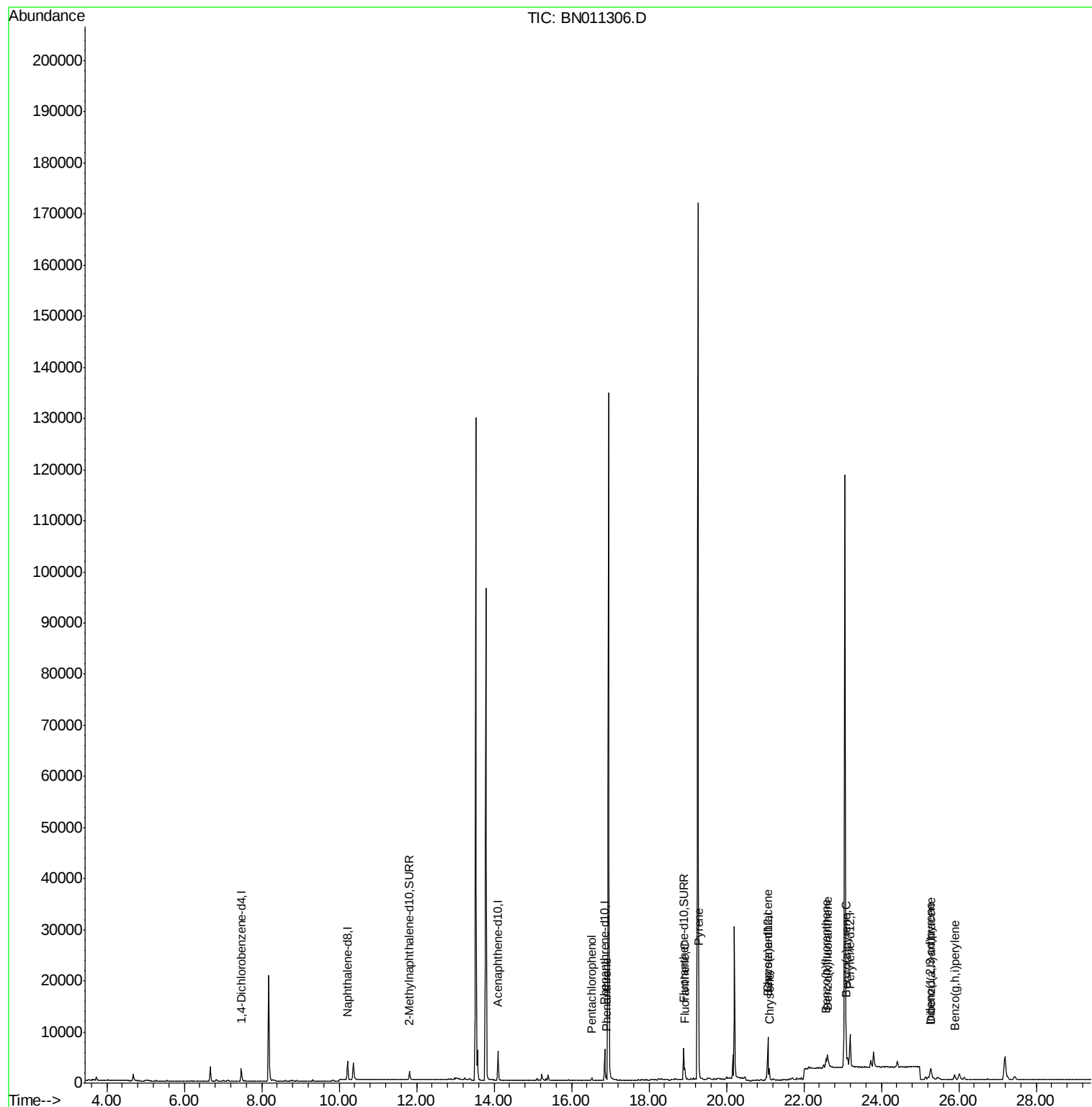
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	5113	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	3158	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	7177	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	7151	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	7899	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2653	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	7162	0.21	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.52	266	376	0.214	ng/ul	96
12) Phenanthrene	16.89	178	892	0.038	ng/ul#	84
15) Fluoranthene	18.93	202	2163	0.074	ng/ul	88
17) Pyrene	19.29	202	2341	0.072	ng/ul#	90
18) Benzo(a)anthracene	21.06	228	1769	0.064	ng/ul#	91
19) Chrysene	21.11	228	1971	0.063	ng/ul#	91
21) Benzo(b)fluoranthene	22.57	252	2332	0.071	ng/ul#	55
22) Benzo(k)fluoranthene	22.61	252	2130	0.058	ng/ul#	5
23) Benzo(a)pyrene	23.10	252	1788	0.062	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.27	276	2149	0.071	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.29	278	1495	0.062	ng/ul#	53
26) Benzo(g,h,i)perylene	25.90	276	1734	0.064	ng/ul#	82

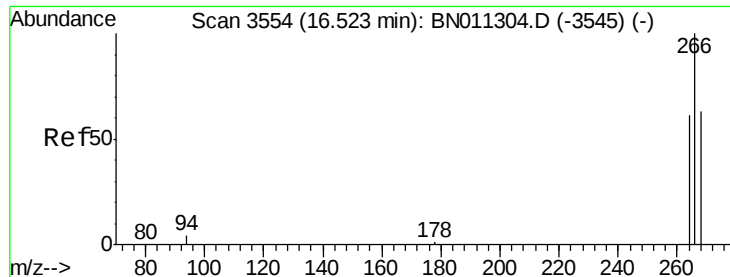
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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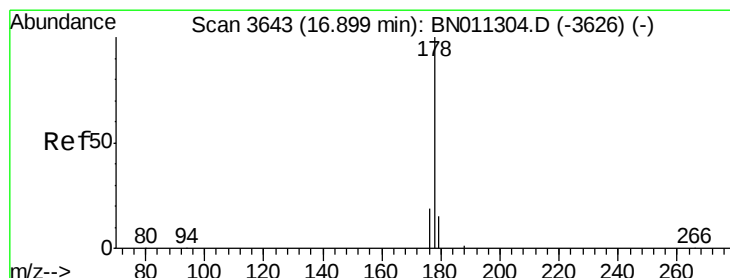
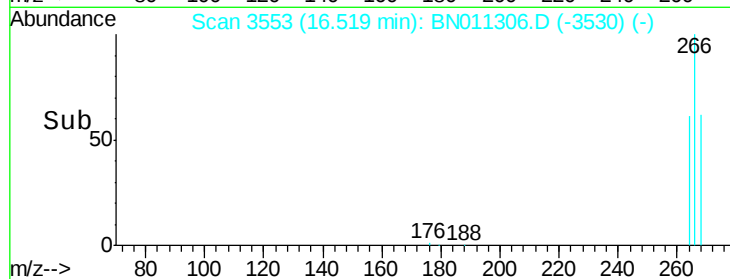
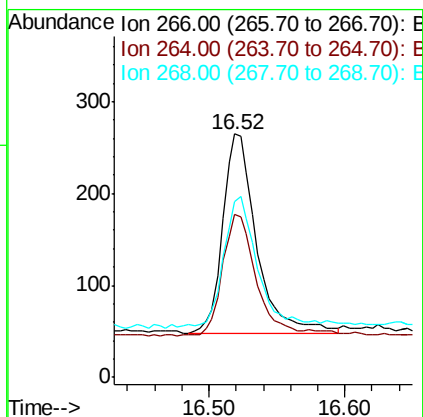
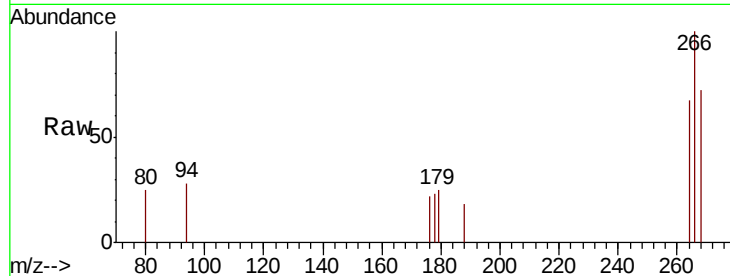




#11
 Pentachlorophenol
 Concen: 0.214 ng/ul
 RT: 16.52 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BN011306.D
 Acq: 30 Jul 2020 19:52

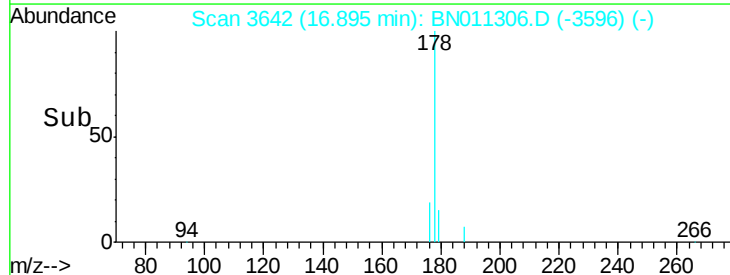
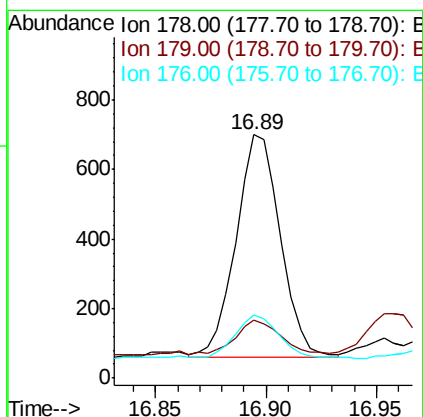
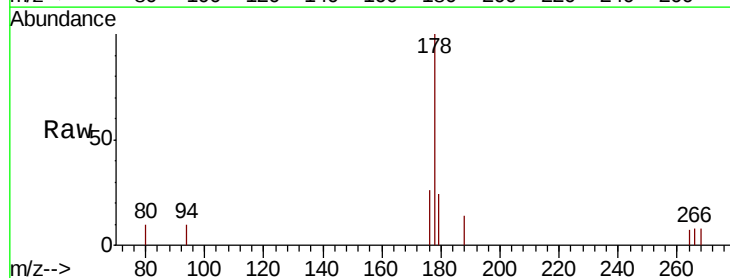
Instrument :
 BNA_N
 ClientSampleId :
 C0AD7

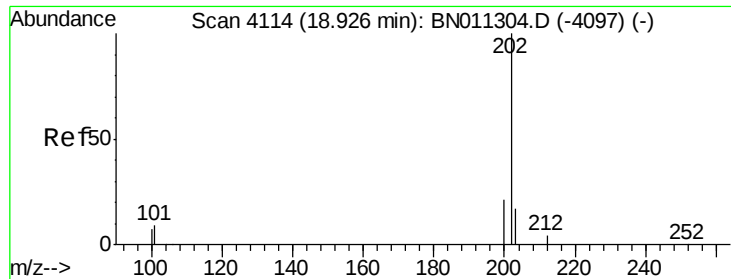
Tot Ion:266 Resp: 376
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.7 76.1
 268 69.4 51.3 76.9



#12
 Phenanthrene
 Concen: 0.038 ng/ul
 RT: 16.89 min Scan# 3642
 Delta R.T. -0.00 min
 Lab File: BN011306.D
 Acq: 30 Jul 2020 19:52

Tgt Ion:178 Resp: 892
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.6 18.8#
 176 25.7 15.7 23.5#





#15

Fluoranthene

Concen: 0.074 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

Instrument :

BNA_N

ClientSampleId :

C0AD7

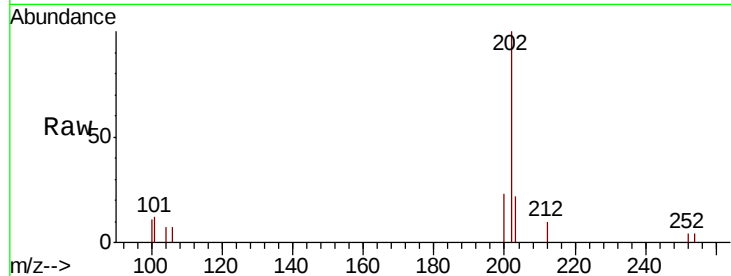
Tot Ion:202 Resp: 2163

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.2

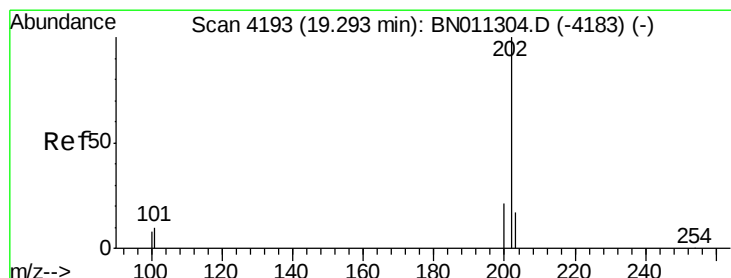
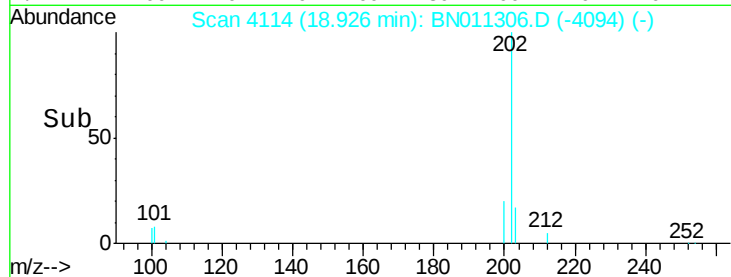
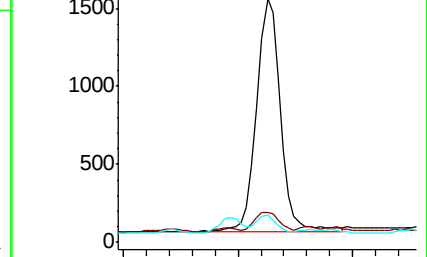
100 11.1 0.0 26.8



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



#17

Pyrene

Concen: 0.072 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

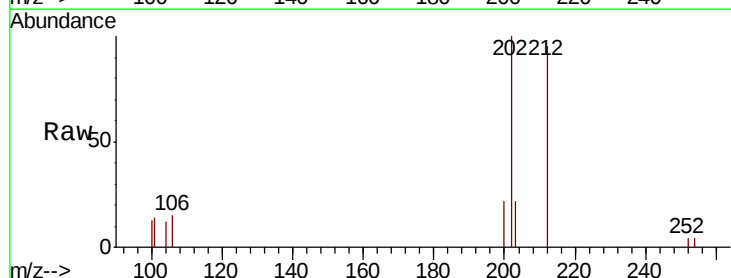
Tgt Ion:202 Resp: 2341

Ion Ratio Lower Upper

202 100

101 14.3 8.5 12.7#

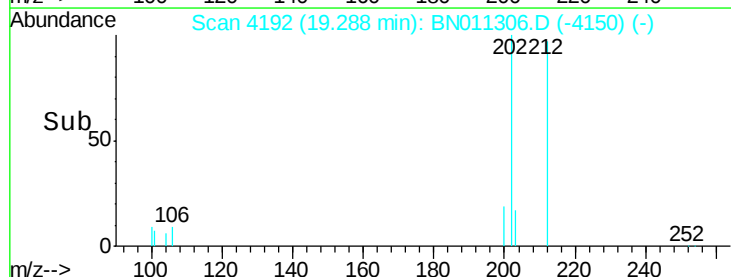
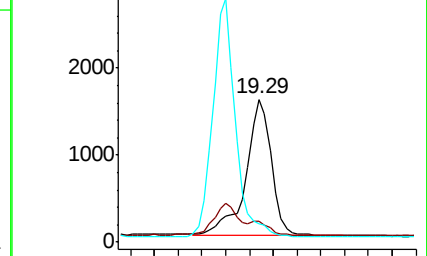
100 12.9 7.1 10.7#

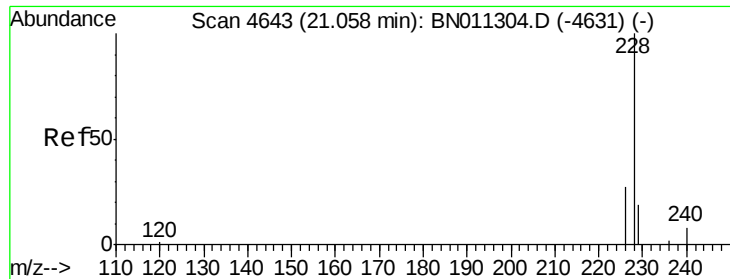


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.064 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. -0.00 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

Instrument :

BNA_N

ClientSampleId :

C0AD7

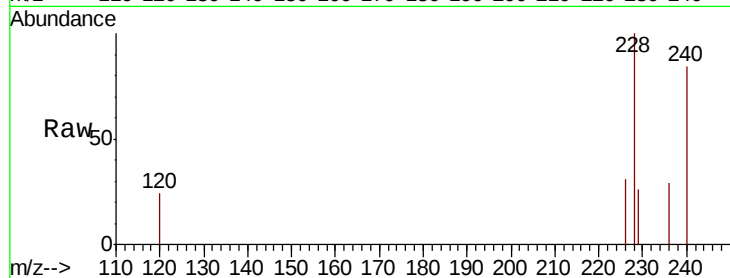
Tot Ion:228 Resp: 1769

Ion Ratio Lower Upper

228 100

229 26.4 16.1 24.1#

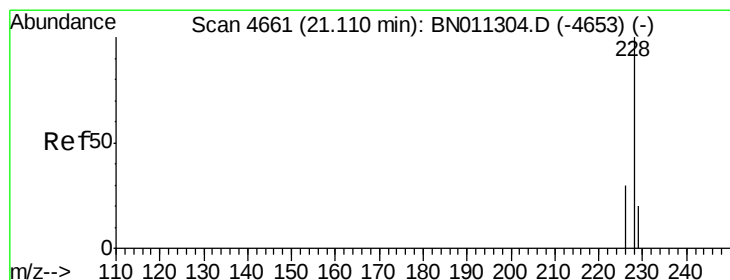
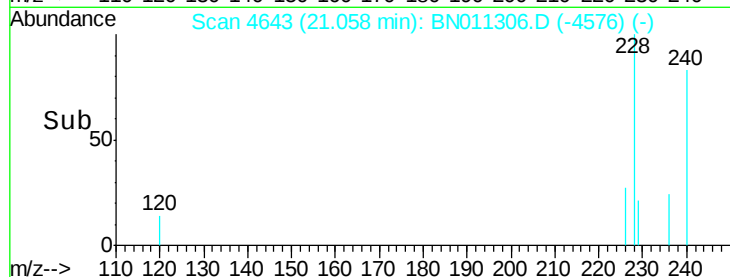
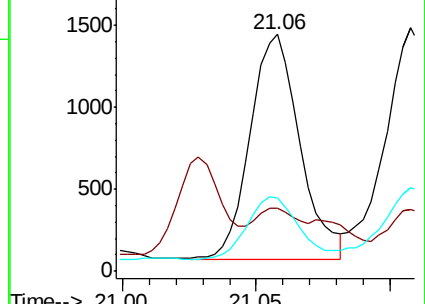
226 30.9 22.2 33.2



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: 0.063 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

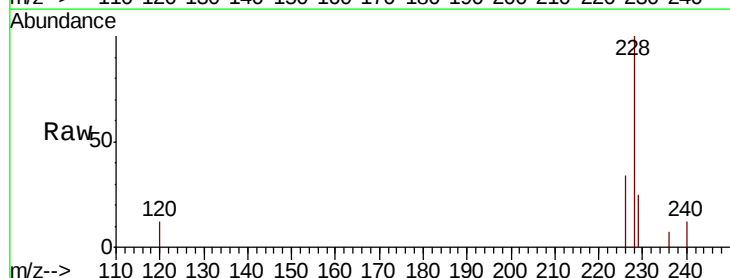
Tgt Ion:228 Resp: 1971

Ion Ratio Lower Upper

228 100

226 34.3 24.5 36.7

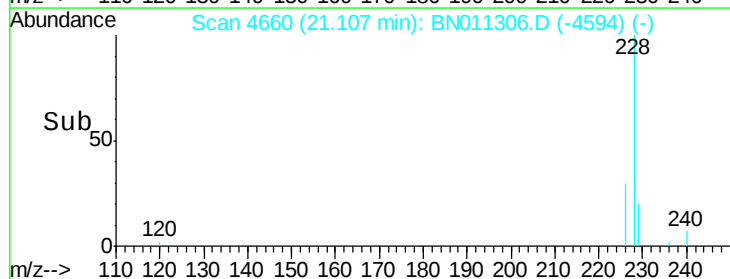
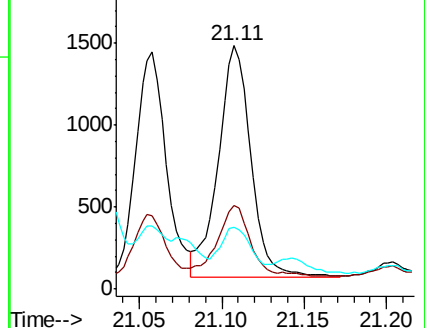
229 25.3 15.8 23.6#

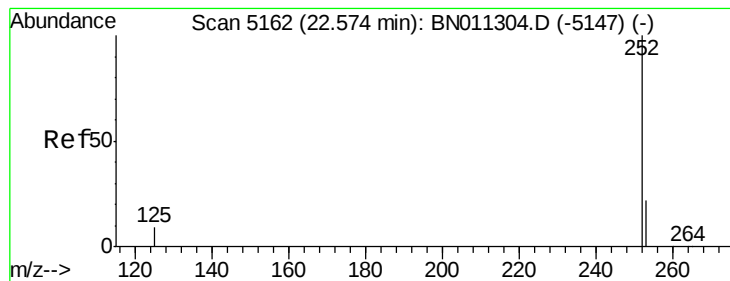


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.071 ng/ul

RT: 22.57 min Scan# 5161

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

Instrument :

BNA_N

ClientSampleId :

C0AD7

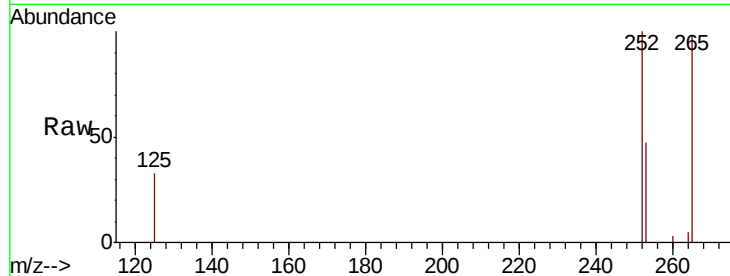
Tot Ion:252 Resp: 2332

Ion Ratio Lower Upper

252 100

253 46.8 0.0 51.8

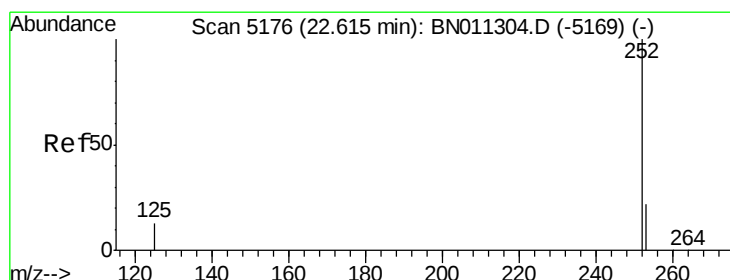
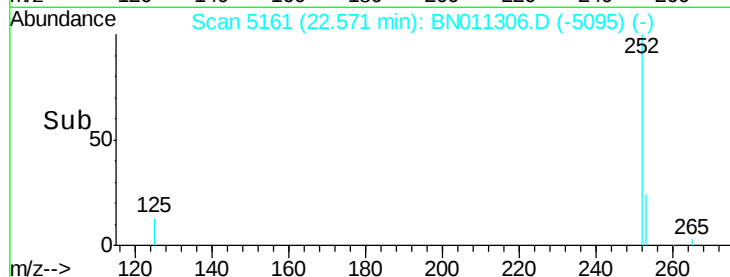
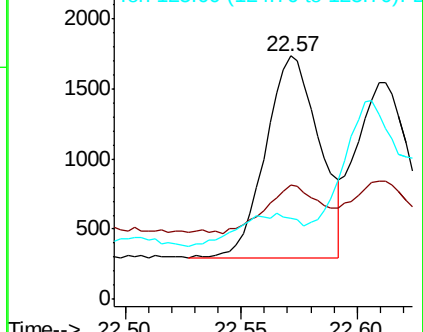
125 33.1 0.0 24.2#



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: 0.058 ng/ul

RT: 22.61 min Scan# 5174

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

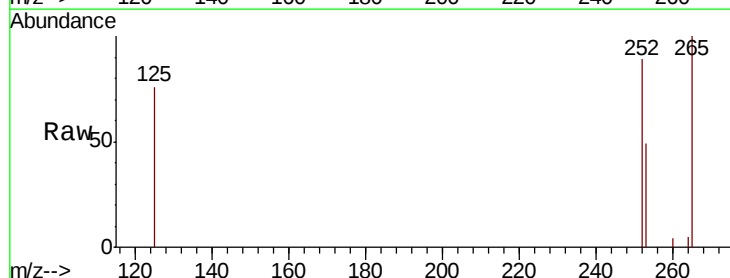
Tgt Ion:252 Resp: 2130

Ion Ratio Lower Upper

252 100

253 54.7 21.4 32.0#

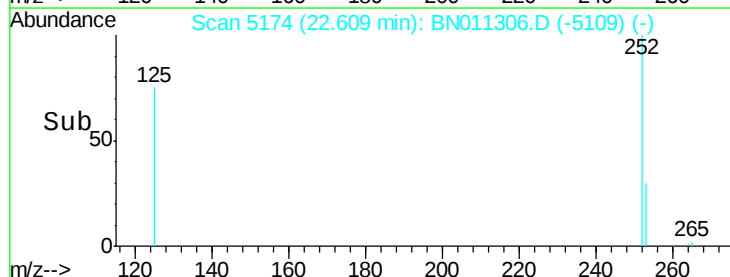
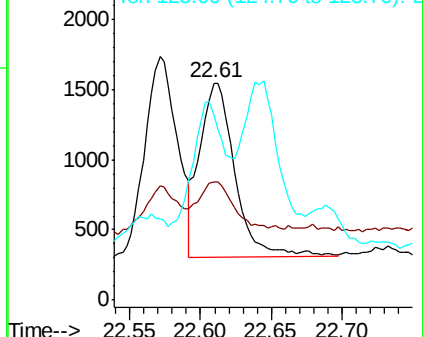
125 85.4 12.6 18.8#

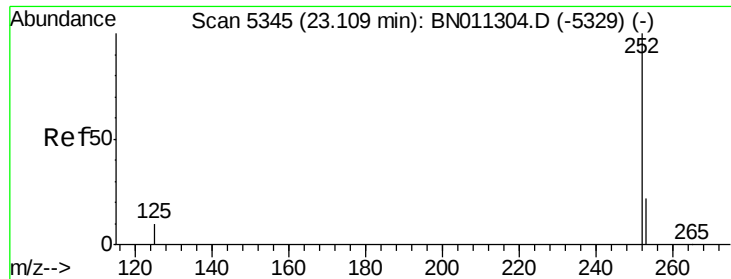


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 23.10 min Scan# 5342

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

Instrument :

BNA_N

ClientSampleId :

C0AD7

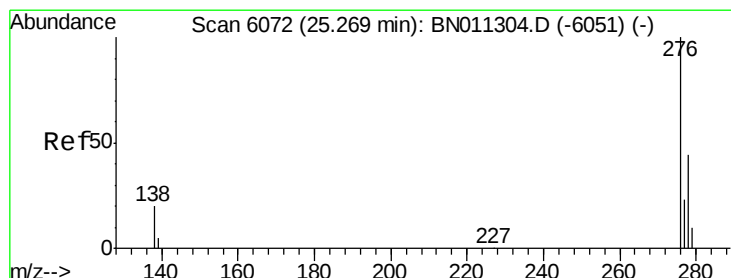
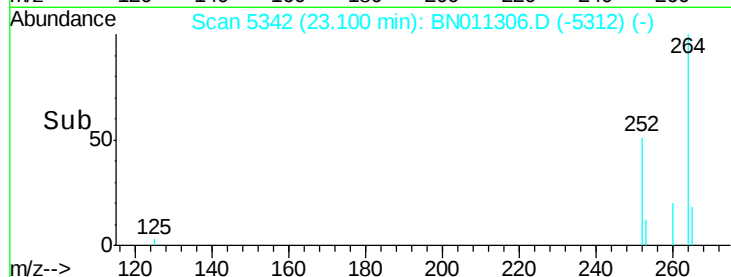
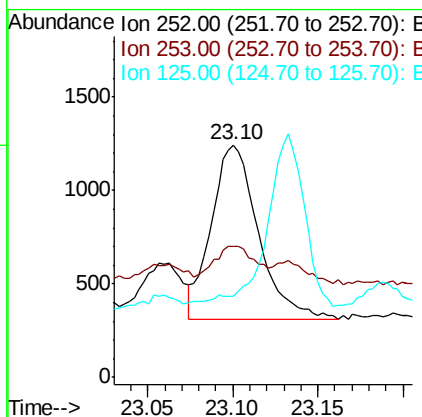
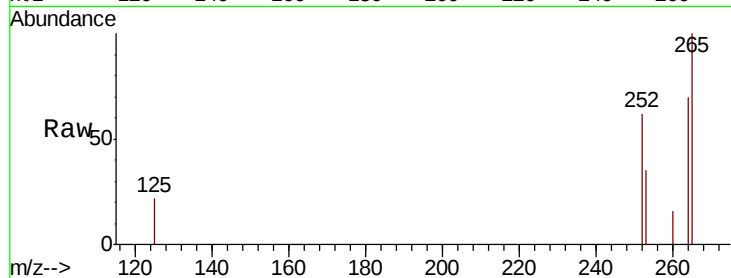
Tot Ion:252 Resp: 1788

Ion Ratio Lower Upper

252 100

253 56.4 22.6 34.0#

125 34.9 12.6 18.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/ul

RT: 25.27 min Scan# 6071

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

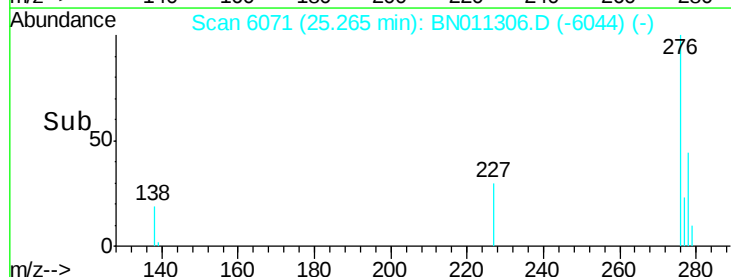
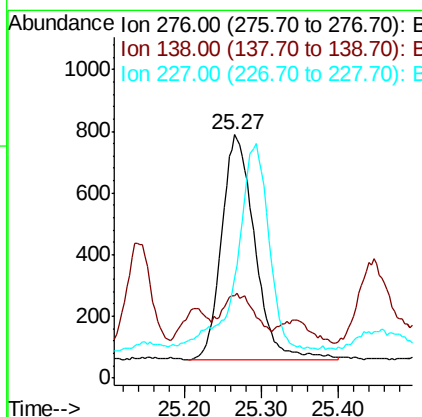
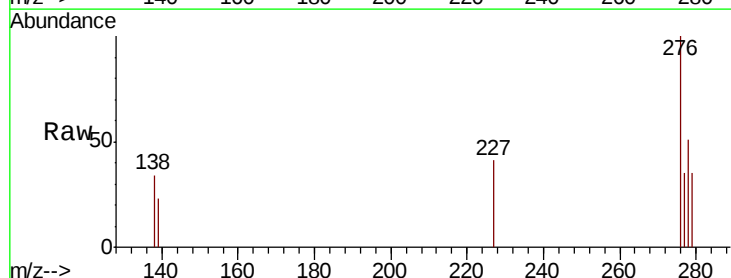
Tgt Ion:276 Resp: 2149

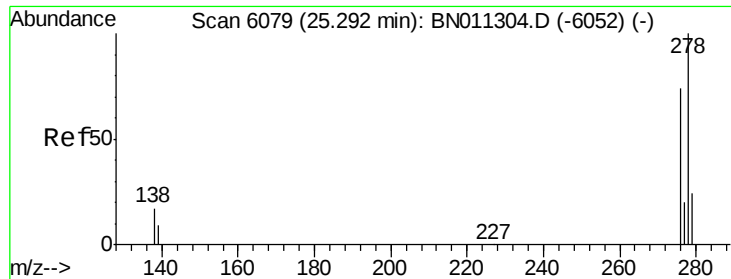
Ion Ratio Lower Upper

276 100

138 20.5 18.1 27.1

227 0.0 0.2 0.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.062 ng/u1

RT: 25.29 min Scan# 6077

Delta R.T. -0.00 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

Instrument :

BNA_N

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C0AD7

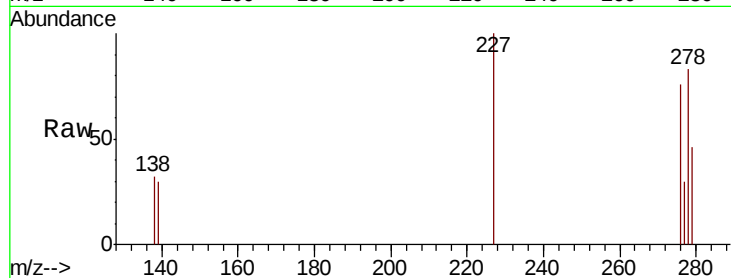
Tot Ion:278 Resp: 1495

Ion Ratio Lower Upper

278 100

139 36.1 14.0 21.0#

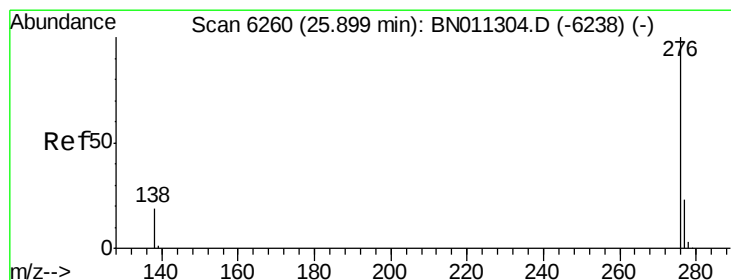
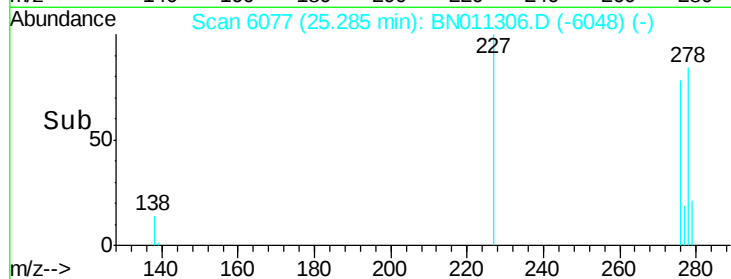
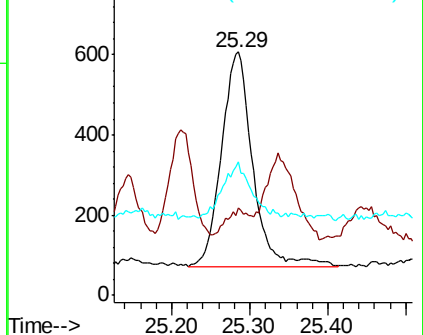
279 55.0 22.9 34.3#



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: 0.064 ng/u1

RT: 25.90 min Scan# 6259

Delta R.T. -0.01 min

Lab File: BN011306.D

Acq: 30 Jul 2020 19:52

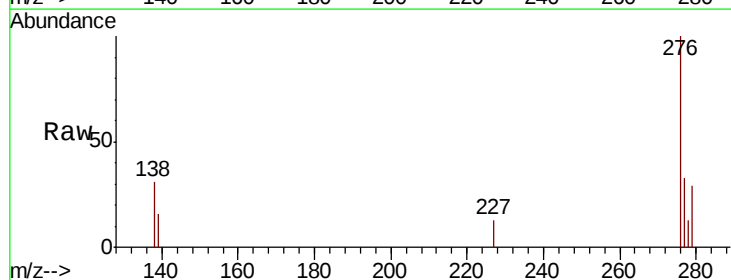
Tgt Ion:276 Resp: 1734

Ion Ratio Lower Upper

276 100

138 30.9 16.4 24.6#

277 32.8 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

