

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011308.D
 Acq On : 30 Jul 2020 21:05
 Operator : CG/JU
 Sample : L3388-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Quant Time: Jul 31 03:00:51 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	1809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	7075	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	4500	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	9738	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	8845	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9052	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	3029	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	7806	0.17	ng/ul	0.00

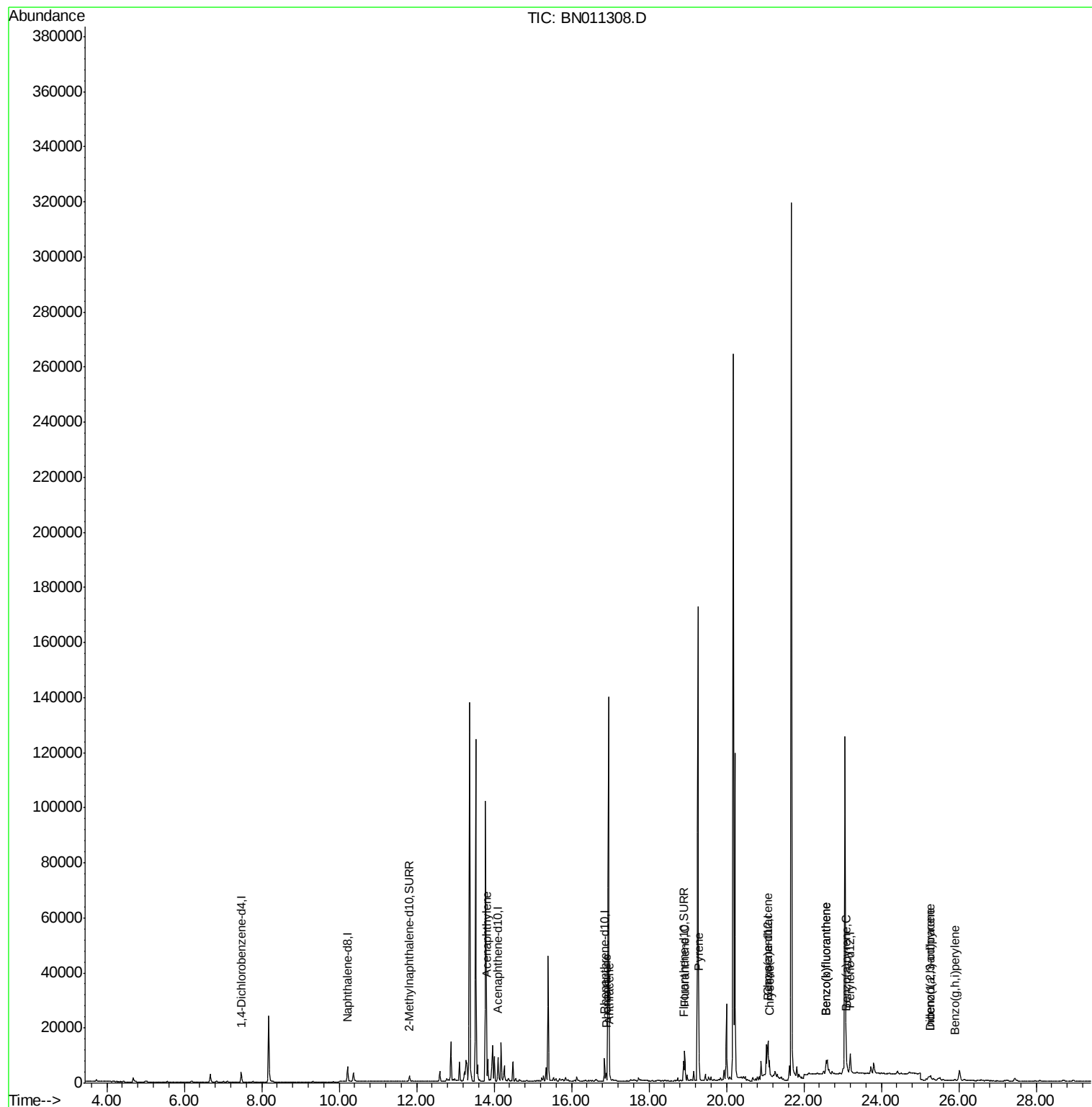
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	446	0.021	ng/ul#	70
12) Phenanthrene	16.89	178	3068	0.095	ng/ul#	92
13) Anthracene	16.99	178	787	0.028	ng/ul#	67
15) Fluoranthene	18.93	202	9858	0.248	ng/ul	96
17) Pyrene	19.29	202	8491	0.211	ng/ul	96
18) Benzo(a)anthracene	21.06	228	5714	0.168	ng/ul#	56
19) Chrysene	21.11	228	5964	0.153	ng/ul#	64
21) Benzo(b)fluoranthene	22.58	252	10804	0.286	ng/ul	80
22) Benzo(k)fluoranthene	22.58	252	10804	0.255	ng/ul#	84
23) Benzo(a)pyrene	23.10	252	3835	0.117	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.27	276	2470	0.072	ng/ul#	54
25) Dibenzo(a,h)anthracene	25.28	278	752	0.027	ng/ul#	1
26) Benzo(g,h,i)perylene	25.90	276	957	0.031	ng/ul#	55

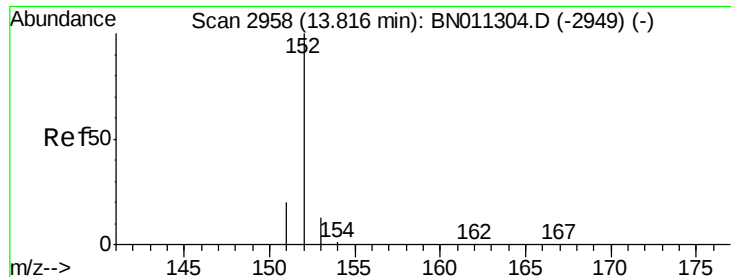
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.81 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

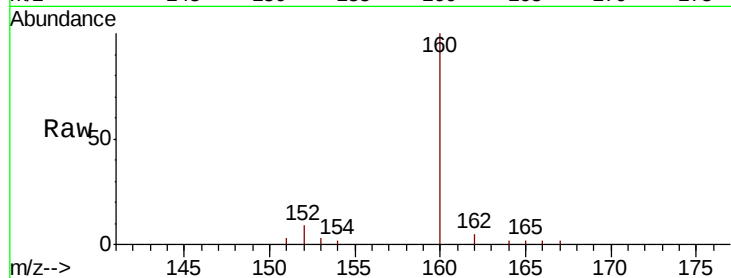
Tot Ion:152 Resp: 446

Ion Ratio Lower Upper

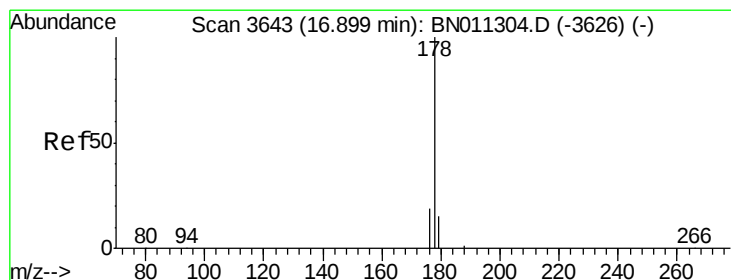
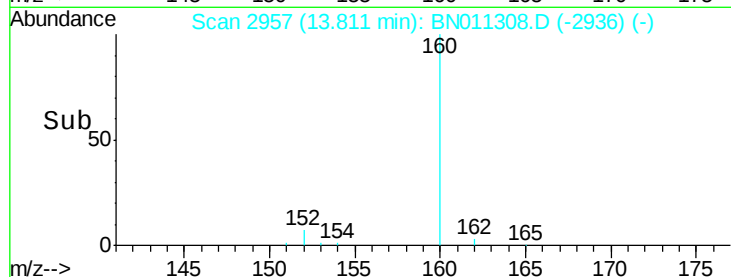
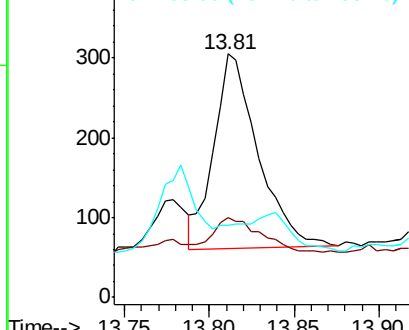
152 100

151 32.8 17.1 25.7#

153 29.8 11.4 17.0#



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: 0.095 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

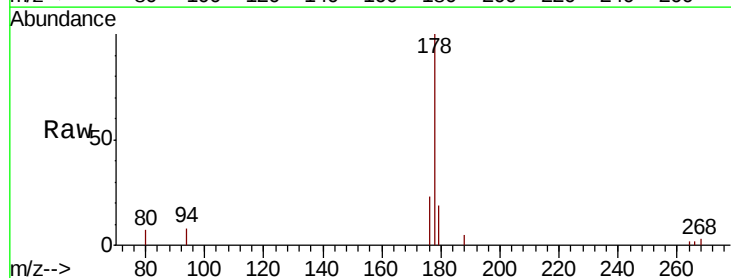
Tgt Ion:178 Resp: 3068

Ion Ratio Lower Upper

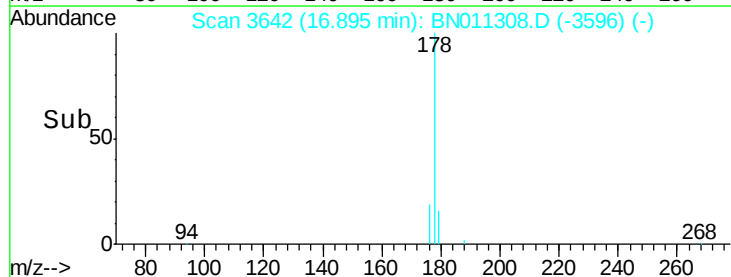
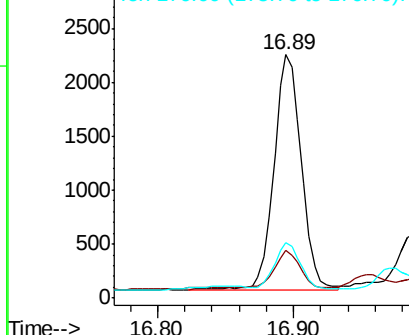
178 100

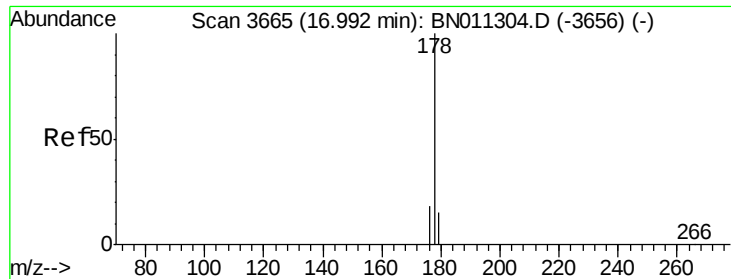
179 19.5 12.6 18.8#

176 22.7 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





#13

Anthracene

Concen: 0.028 ng/ul

RT: 16.99 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

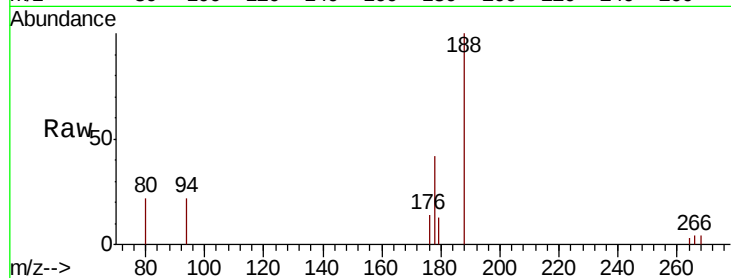
Tot Ion:178 Resp: 787

Ion Ratio Lower Upper

178 100

179 30.5 13.1 19.7#

176 33.4 14.8 22.2#

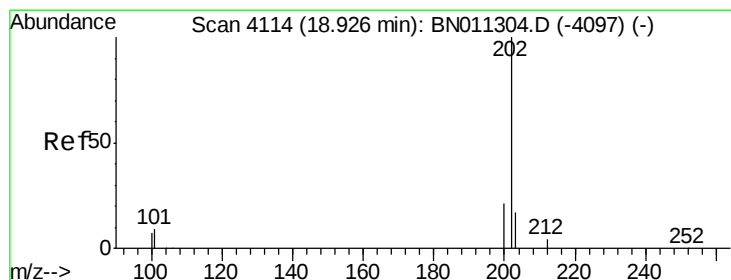
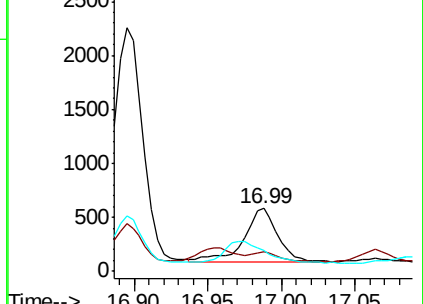
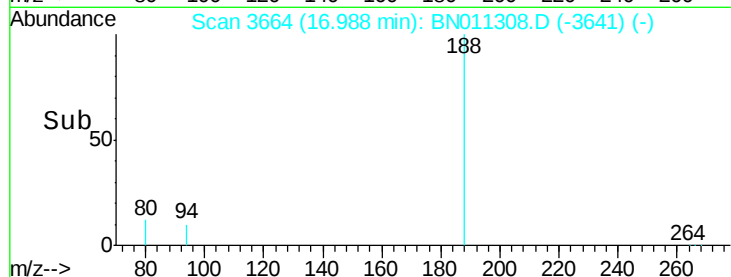


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

Time-->



#15

Fluoranthene

Concen: 0.248 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

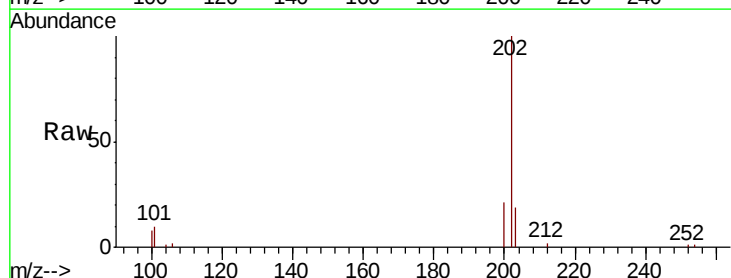
Tgt Ion:202 Resp: 9858

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.2

100 7.9 0.0 26.8

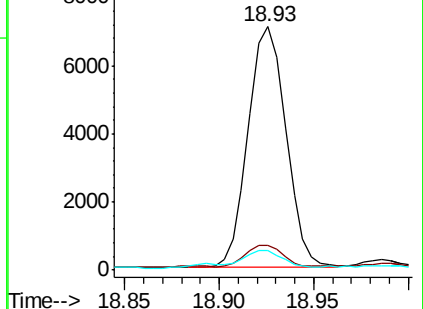
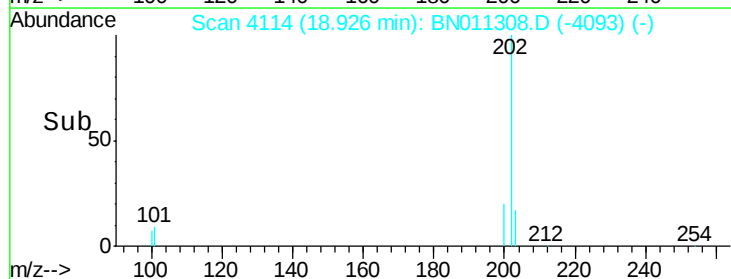


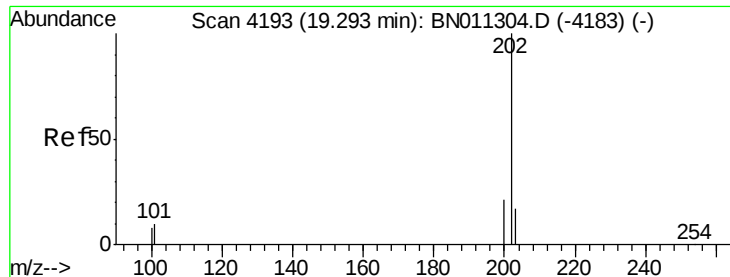
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->





#17

Pvrene

Concen: 0.211 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

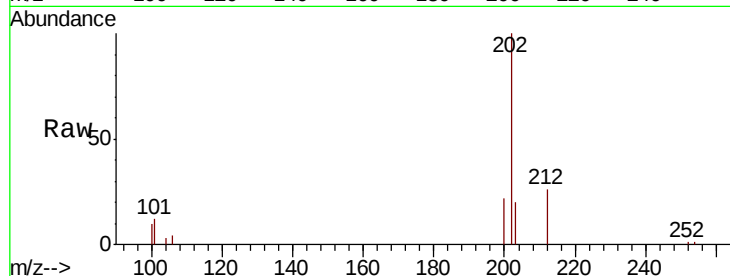
Tot Ion:202 Resp: 8491

Ion Ratio Lower Upper

202 100

101 12.2 8.5 12.7

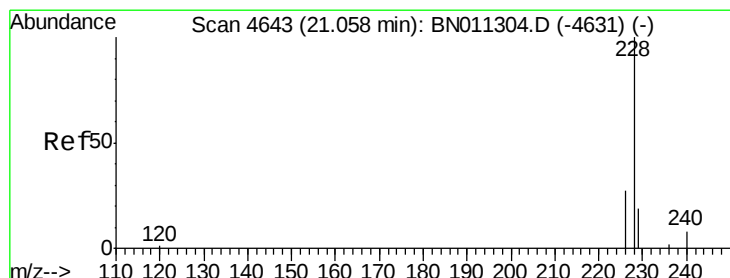
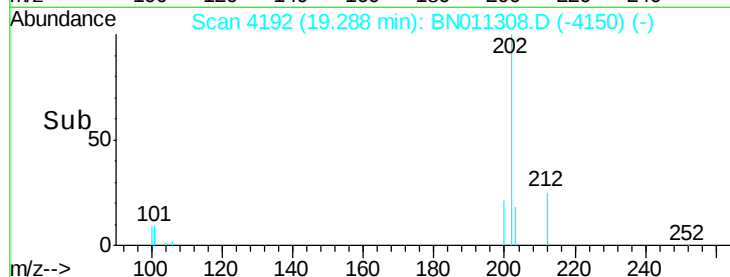
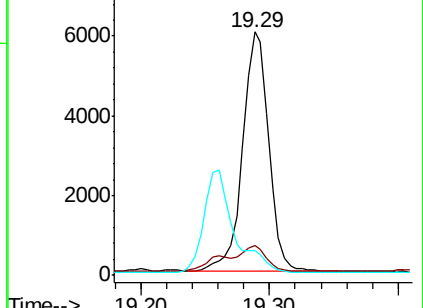
100 10.1 7.1 10.7



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): E



#18

Benzo(a)anthracene

Concen: 0.168 ng/ul

RT: 21.06 min Scan# 4643

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

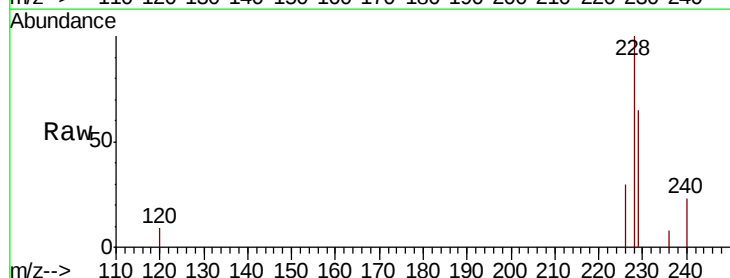
Tgt Ion:228 Resp: 5714

Ion Ratio Lower Upper

228 100

229 65.4 16.1 24.1#

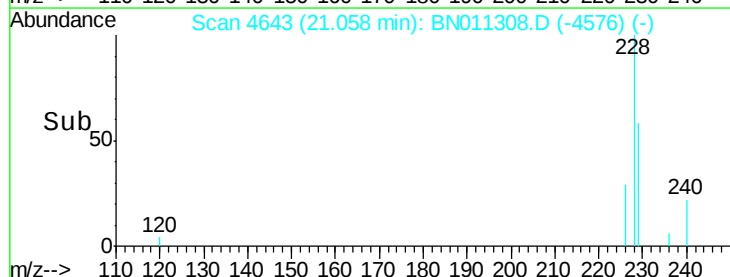
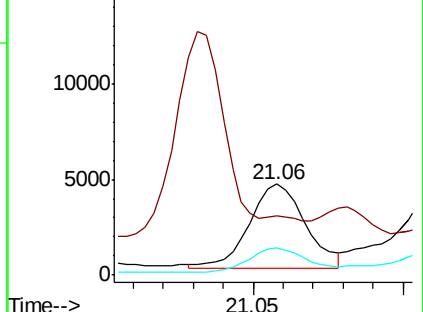
226 30.3 22.2 33.2

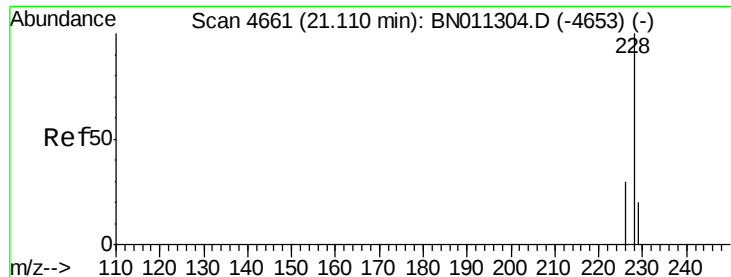


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.153 ng/ul

RT: 21.11 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

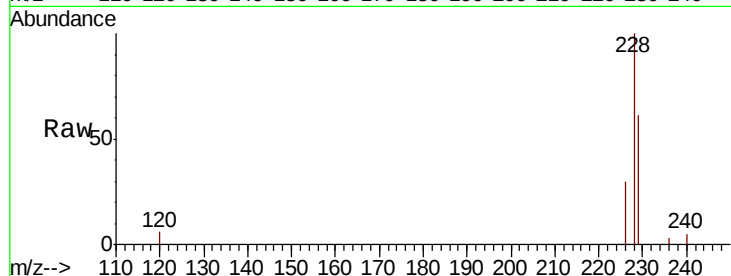
Tot Ion:228 Resp: 5964

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

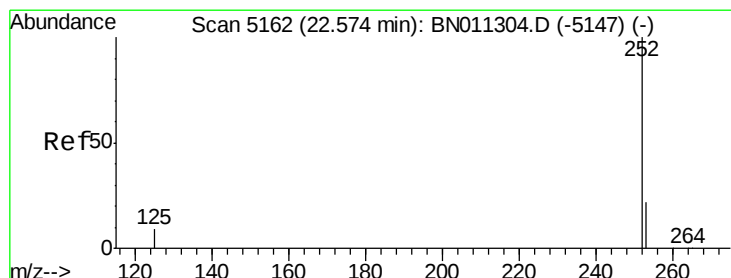
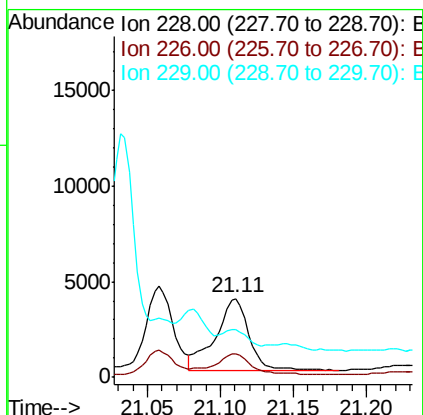
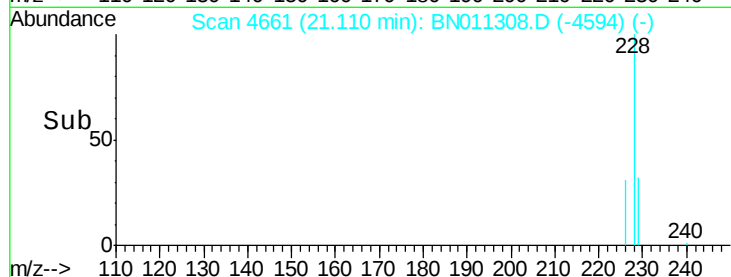
229 60.7 15.8 23.6#



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: 0.286 ng/ul

RT: 22.58 min Scan# 5163

Delta R.T. -0.00 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

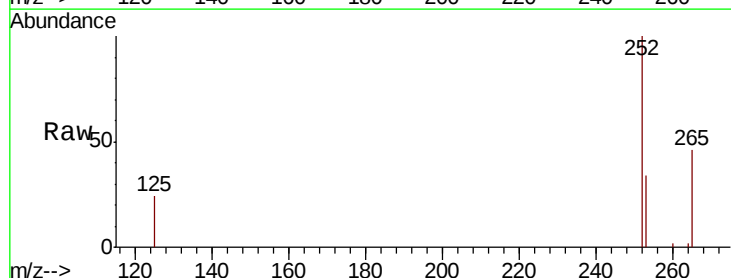
Tgt Ion:252 Resp: 10804

Ion Ratio Lower Upper

252 100

253 34.2 0.0 51.8

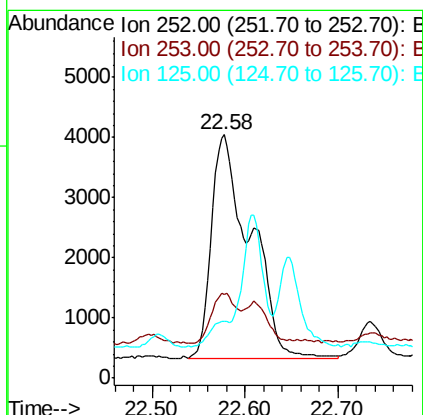
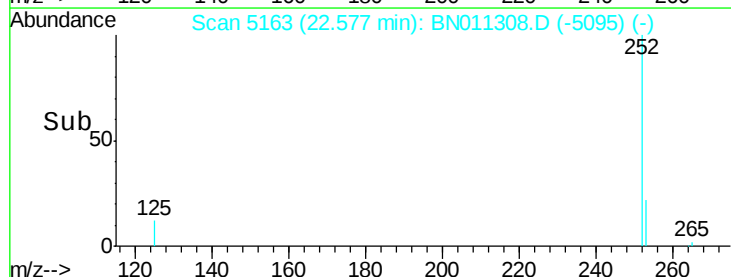
125 23.5 0.0 24.2

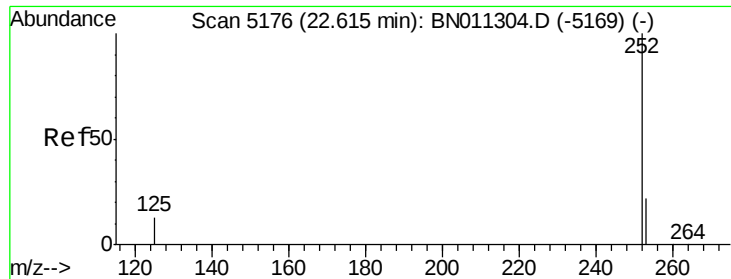


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.255 ng/ul

RT: 22.58 min Scan# 5163

Delta R.T. -0.04 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

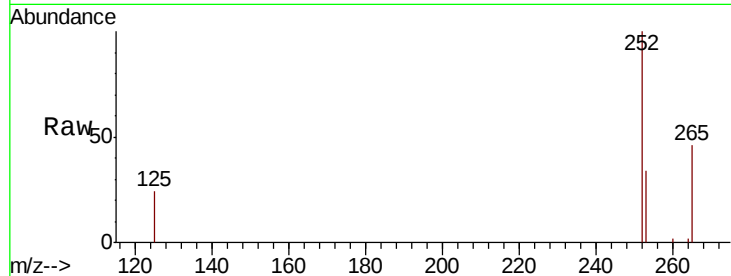
Tot Ion:252 Resp: 10804

Ion Ratio Lower Upper

252 100

253 34.2 21.4 32.0#

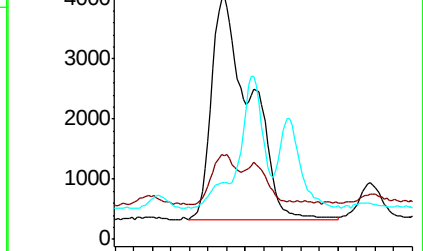
125 23.5 12.6 18.8#



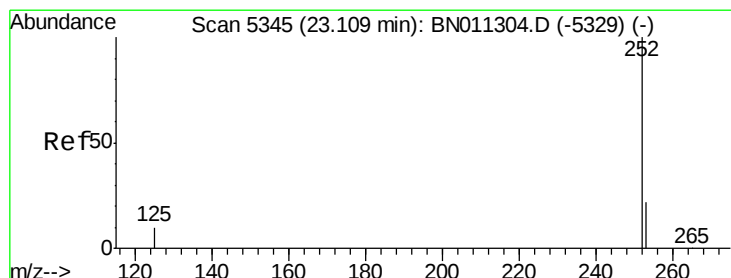
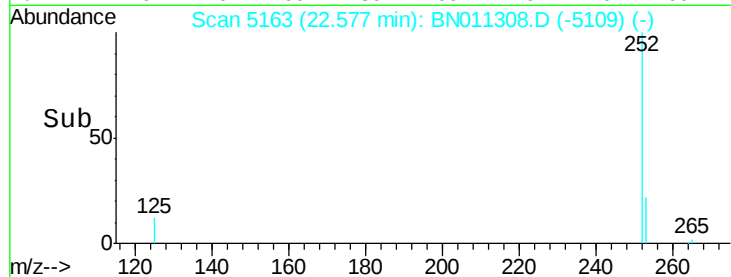
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.117 ng/ul

RT: 23.10 min Scan# 5343

Delta R.T. -0.01 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

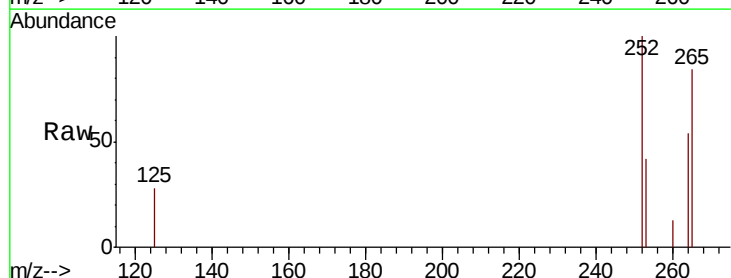
Tgt Ion:252 Resp: 3835

Ion Ratio Lower Upper

252 100

253 41.7 22.6 34.0#

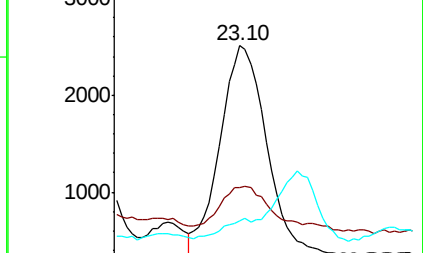
125 28.2 12.6 18.8#



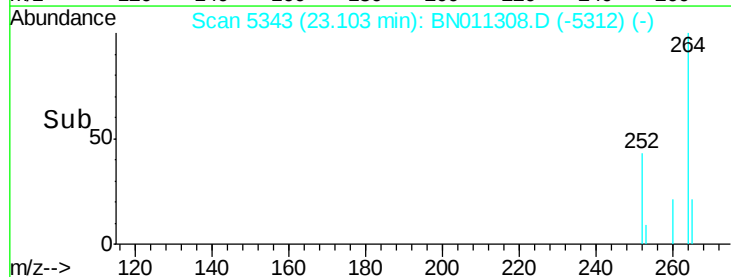
Abundance Ion 252.00 (251.70 to 252.70): E

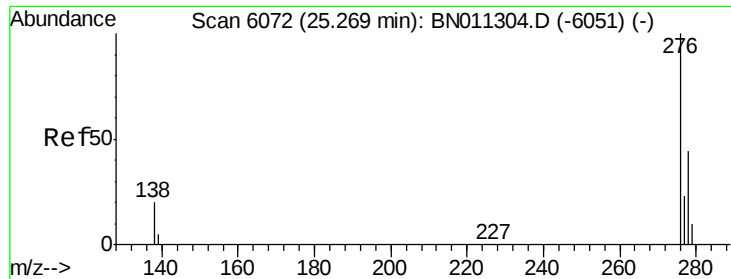
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

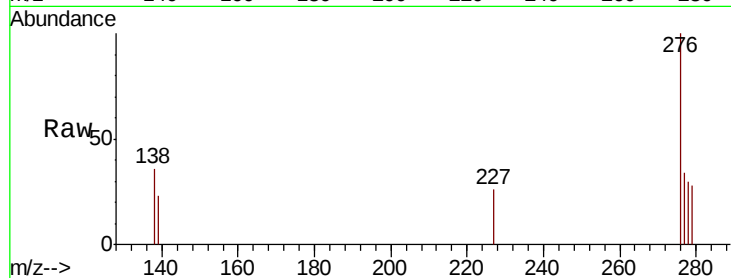




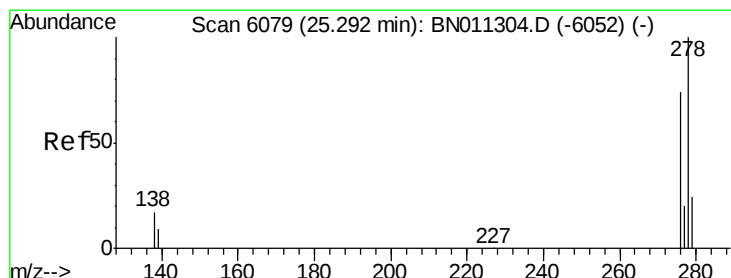
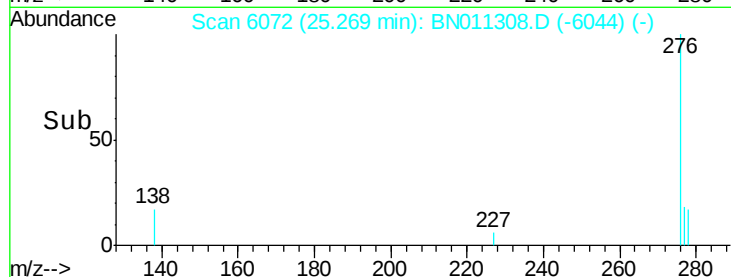
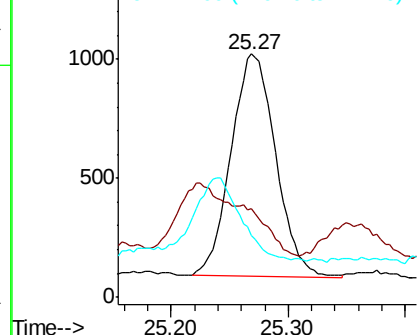
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.072 ng/ul
 RT: 25.27 min Scan# 6072
 Delta R.T. -0.01 min
 Lab File: BN011308.D
 Acq: 30 Jul 2020 21:05

Instrument :
 BNA_N
 ClientSampleId :
 C0AD5

Tot Ion:276 Resp: 2470
 Ion Ratio Lower Upper
 276 100
 138 0.0 18.1 27.1#
 227 0.0 0.2 0.4#

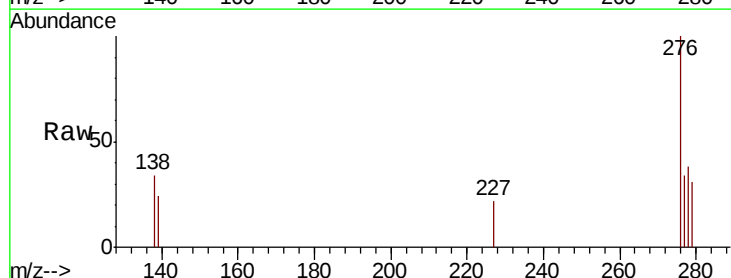


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

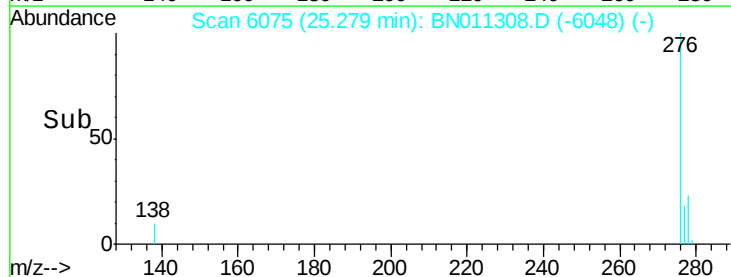
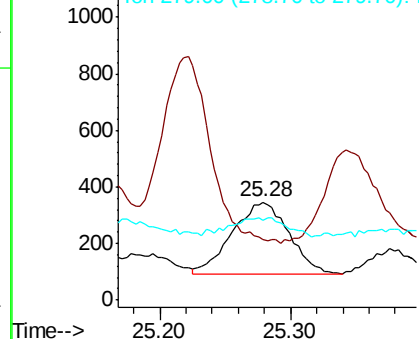


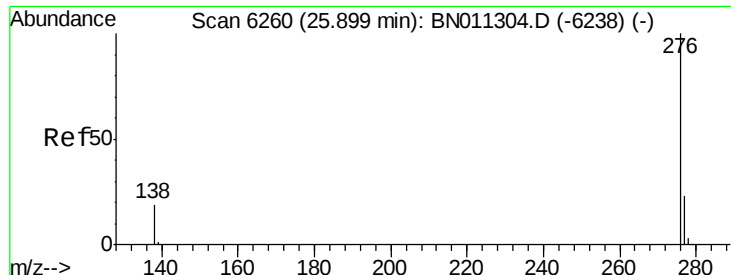
#25
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 25.28 min Scan# 6075
 Delta R.T. -0.01 min
 Lab File: BN011308.D
 Acq: 30 Jul 2020 21:05

Tgt Ion:278 Resp: 752
 Ion Ratio Lower Upper
 278 100
 139 62.1 14.0 21.0#
 279 82.1 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(a,h,i)perylene

Concen: 0.031 ng/ul

RT: 25.90 min Scan# 6259

Delta R.T. -0.01 min

Lab File: BN011308.D

Acq: 30 Jul 2020 21:05

Instrument :

BNA_N

ClientSampleId :

C0AD5

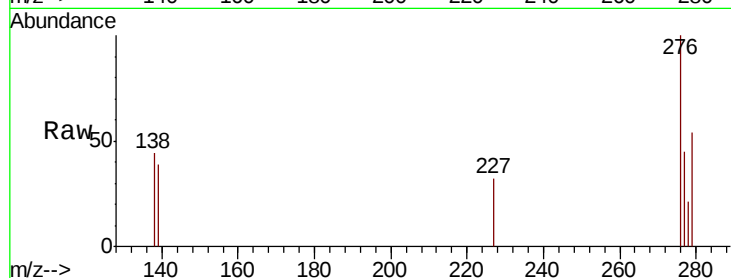
Tot Ion: 276 Resp: 957

Ion Ratio Lower Upper

276 100

138 44.4 16.4 24.6#

277 44.9 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

