

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012859.D
 Acq On : 03 Dec 2020 22:32
 Operator : CG/JU
 Sample : L4865-19DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9DL

Quant Time: Dec 04 00:18:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

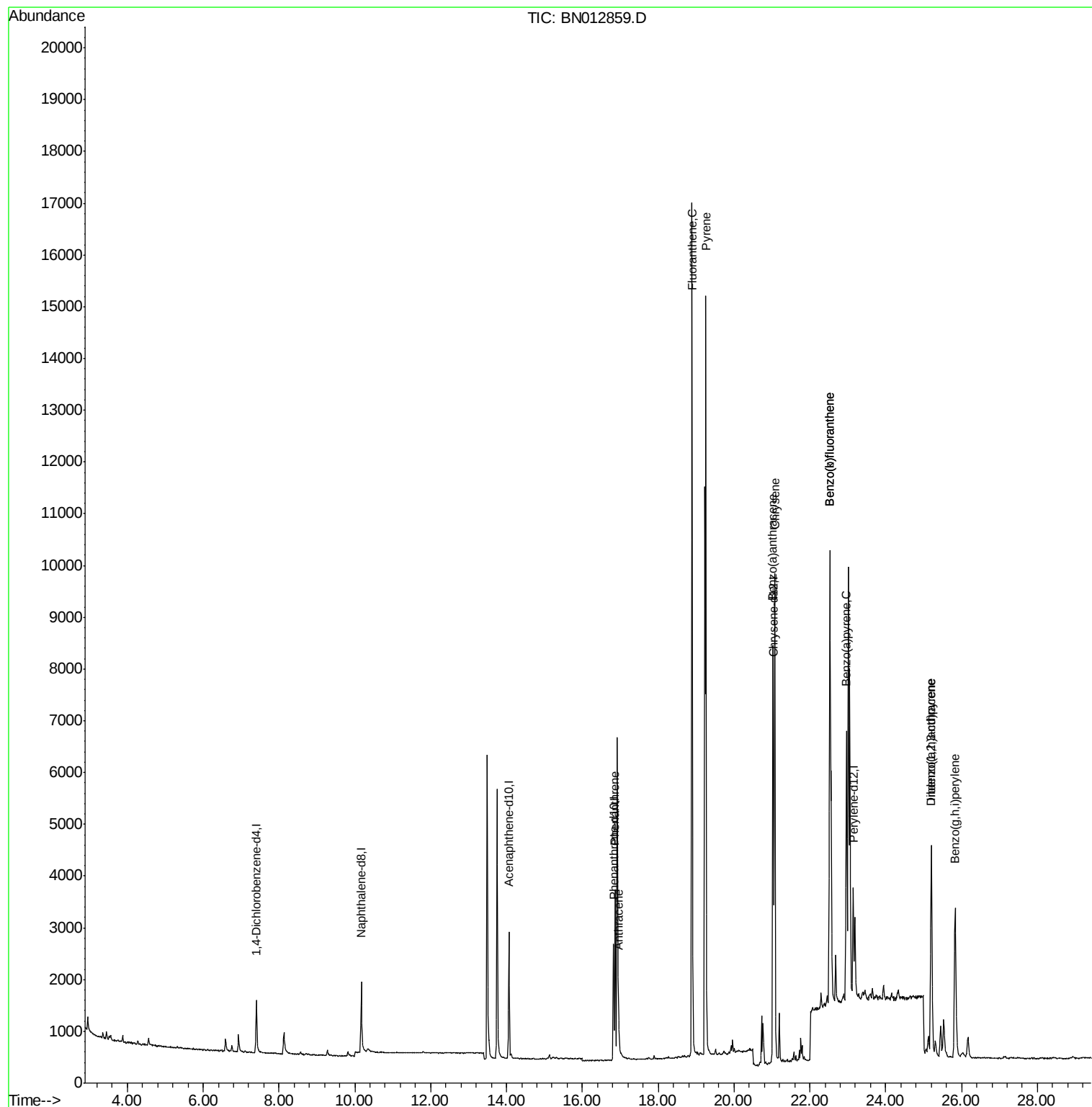
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.17	136	2297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1366	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	2870	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2442	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2416	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	41	0.01	ng/ul	0.02
14) Fluoranthene-d10	18.86	212	111	0.01	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.86	178	3640	0.378	ng/ul	99
13) Anthracene	16.95	178	520	0.063	ng/ul#	80
15) Fluoranthene	18.89	202	14594	1.276	ng/ul	96
17) Pyrene	19.26	202	12874	1.116	ng/ul	96
18) Benzo(a)anthracene	21.03	228	6526	0.646	ng/ul	98
19) Chrysene	21.08	228	9528	0.854	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	18415	1.648	ng/ul	92
22) Benzo(k)fluoranthene	22.52	252	18375	1.487	ng/ul#	92
23) Benzo(a)pyrene	22.96	252	4155	0.401	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.20	276	6386	0.469	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.21	278	1456	0.135	ng/ul#	85
26) Benzo(g,h,i)perylene	25.83	276	5976	0.485	ng/ul	98

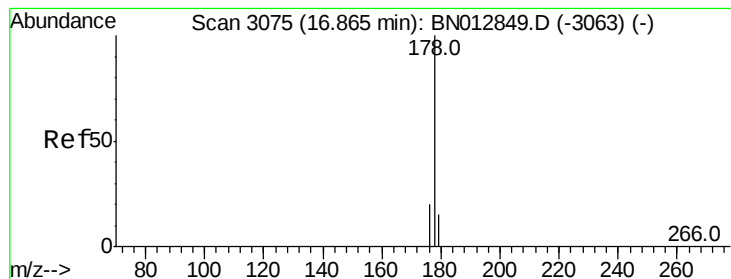
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.378 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

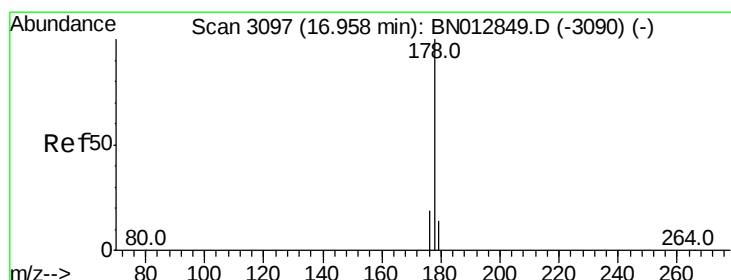
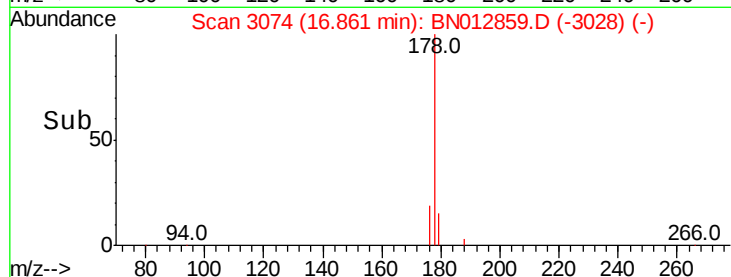
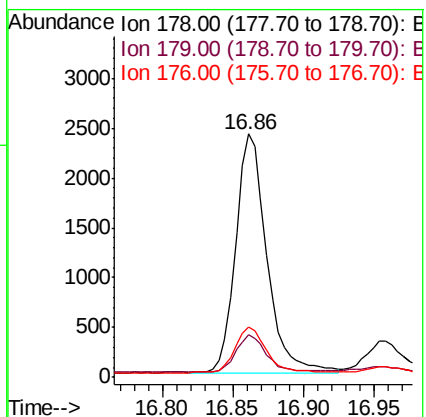
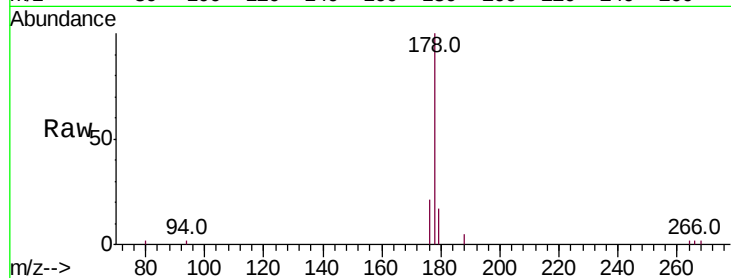
Tot Ion:178 Resp: 3640

Ion Ratio Lower Upper

178 100

179 17.3 13.6 20.4

176 20.9 16.4 24.6



#13

Anthracene

Concen: 0.063 ng/ul

RT: 16.95 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

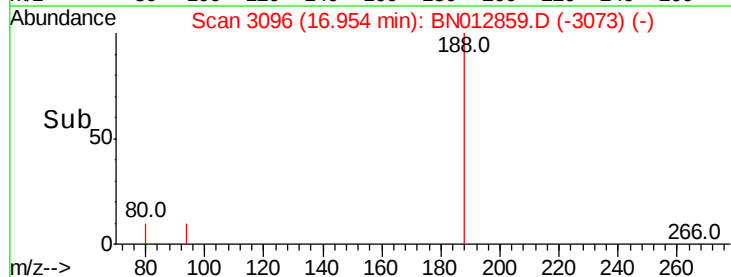
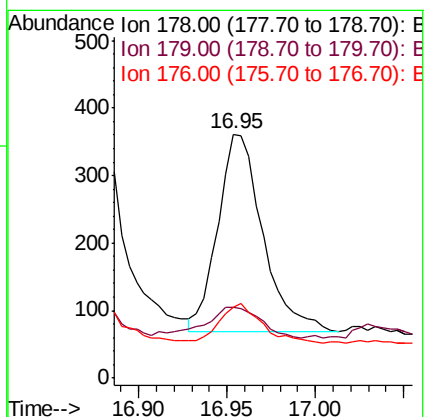
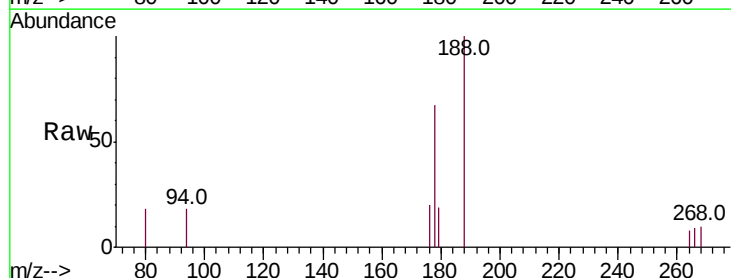
Tgt Ion:178 Resp: 520

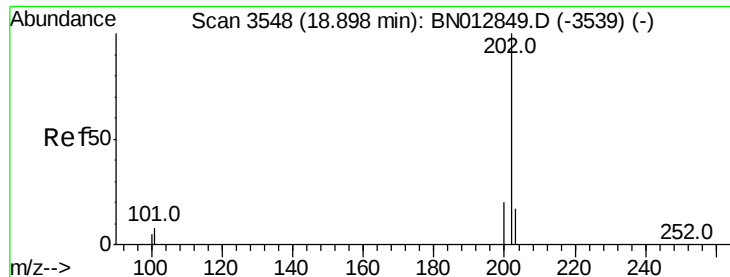
Ion Ratio Lower Upper

178 100

179 28.8 14.6 21.8#

176 29.1 17.1 25.7#





#15

Fluoranthene

Concen: 1.276 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

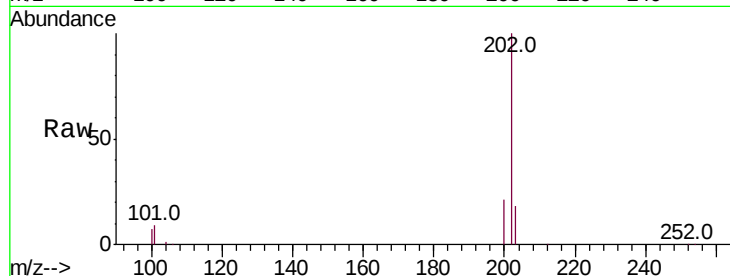
Tot Ion:202 Resp: 14594

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.6

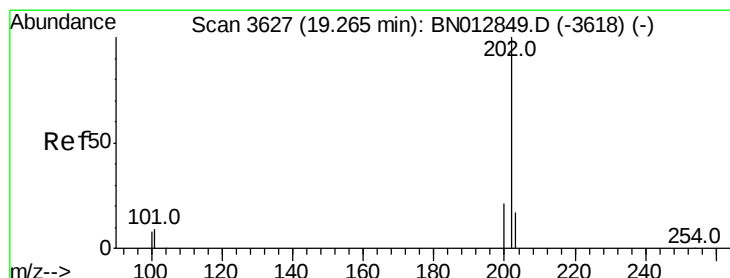
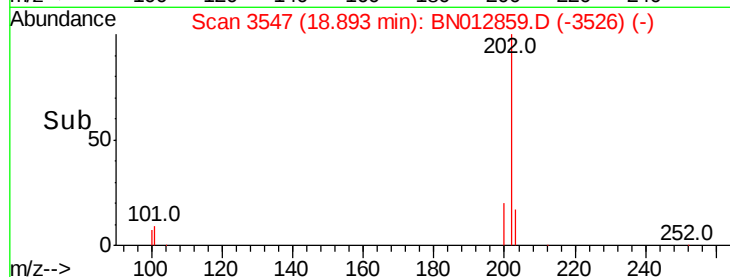
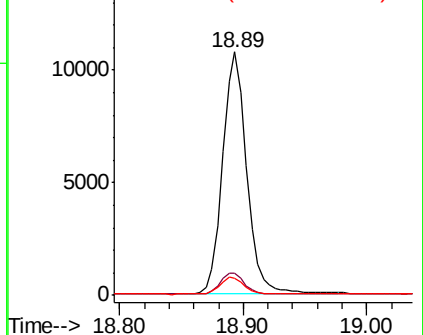
100 7.2 0.0 28.7



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



#17

Pyrene

Concen: 1.116 ng/ul

RT: 19.26 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

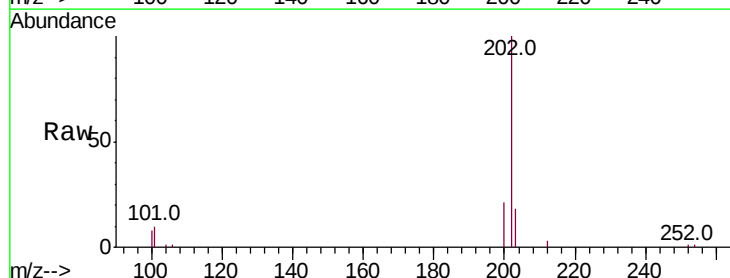
Tgt Ion:202 Resp: 12874

Ion Ratio Lower Upper

202 100

101 10.0 9.1 13.7

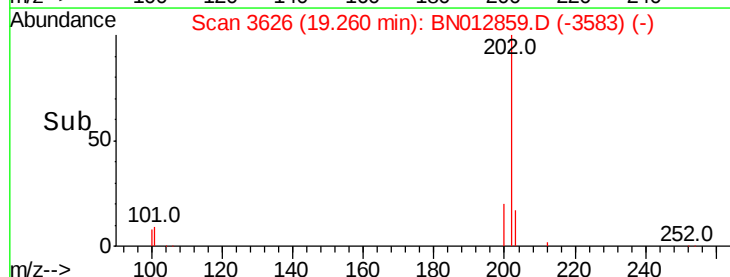
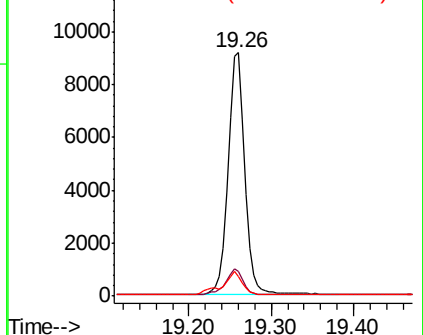
100 8.2 7.5 11.3

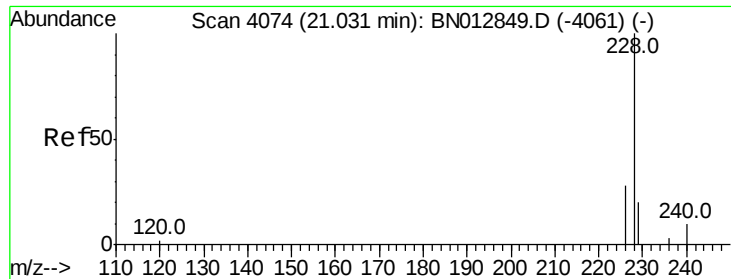


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.646 ng/ul

RT: 21.03 min Scan# 4072

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

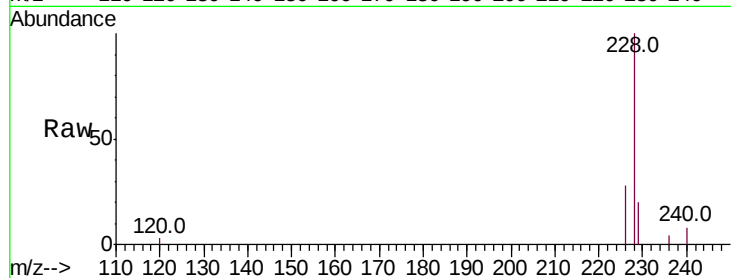
Tot Ion:228 Resp: 6526

Ion Ratio Lower Upper

228 100

229 20.4 16.3 24.5

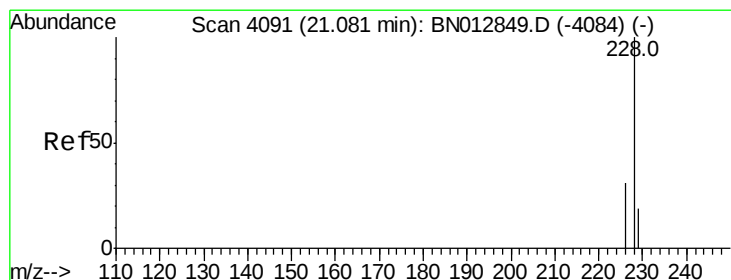
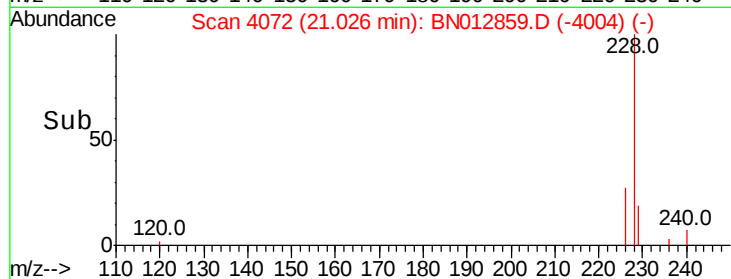
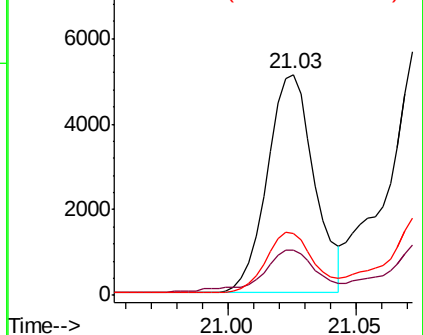
226 27.9 23.4 35.2



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: 0.854 ng/ul

RT: 21.08 min Scan# 4089

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

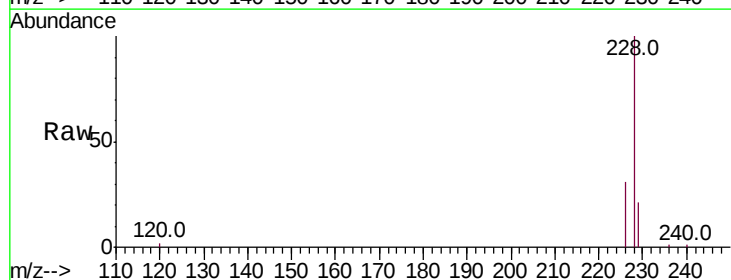
Tgt Ion:228 Resp: 9528

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

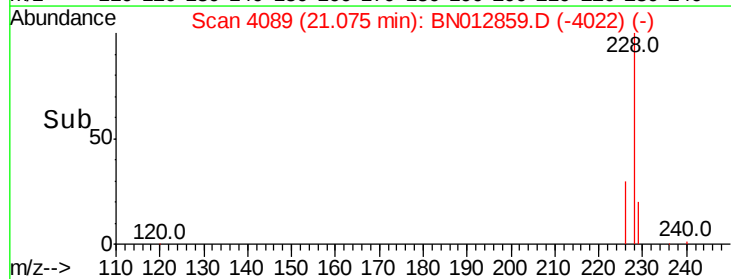
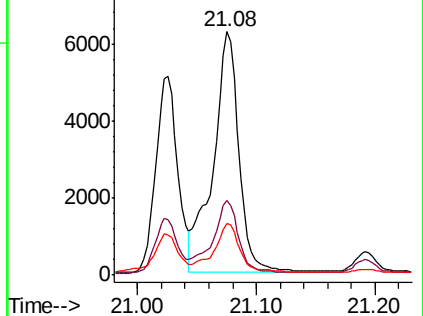
229 21.0 16.4 24.6

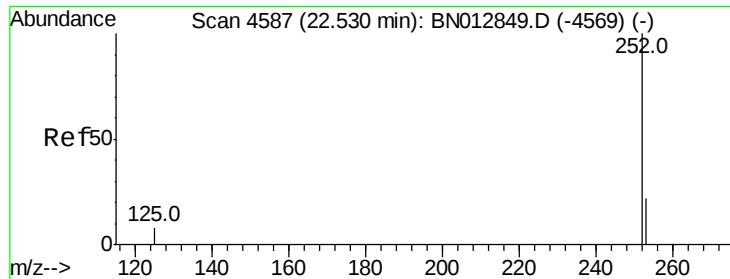


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.648 ng/ul

RT: 22.52 min Scan# 4585

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

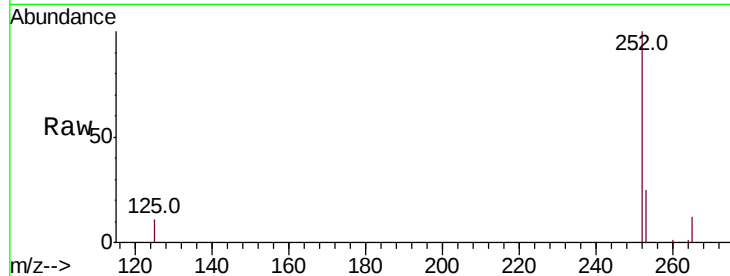
Tot Ion:252 Resp: 18415

Ion Ratio Lower Upper

252 100

253 25.0 0.0 59.6

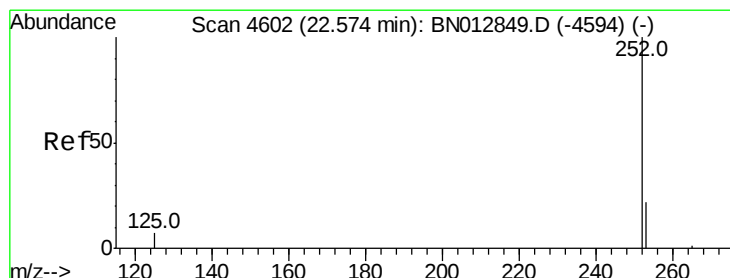
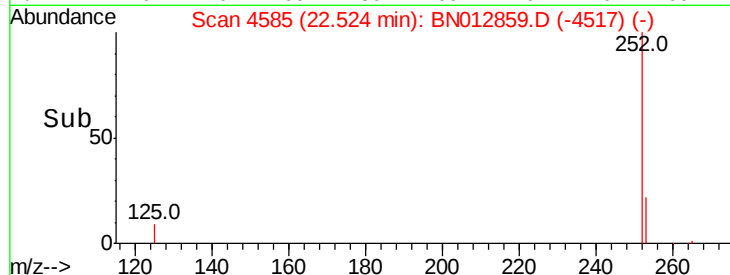
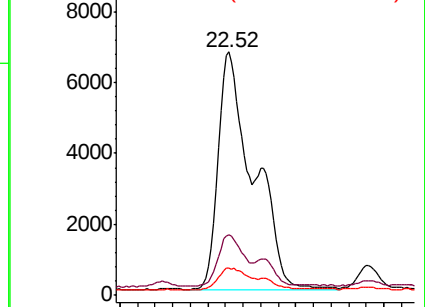
125 11.1 0.0 26.0



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: 1.487 ng/ul

RT: 22.52 min Scan# 4585

Delta R.T. -0.04 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

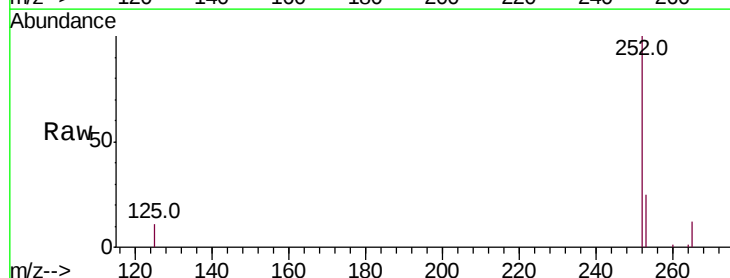
Tgt Ion:252 Resp: 18375

Ion Ratio Lower Upper

252 100

253 25.0 23.4 35.2

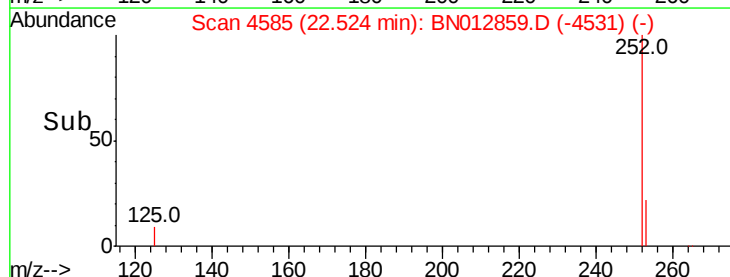
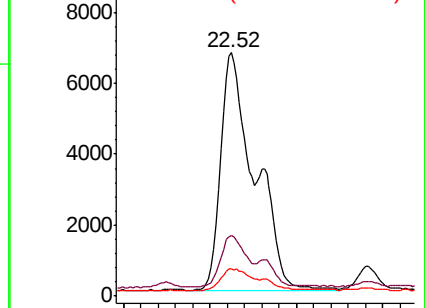
125 11.1 11.1 16.7#

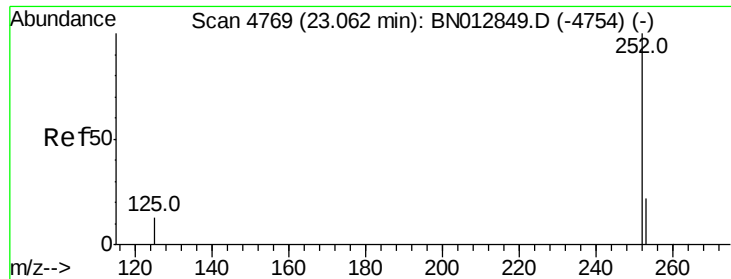


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.401 ng/uL

RT: 22.96 min Scan# 4735

Delta R.T. -0.09 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

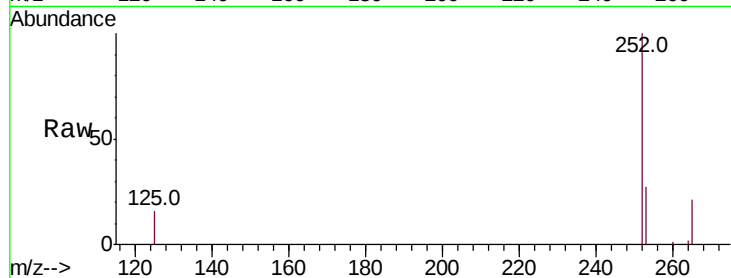
Tot Ion:252 Resp: 4155

Ion Ratio Lower Upper

252 100

253 27.3 26.5 39.7

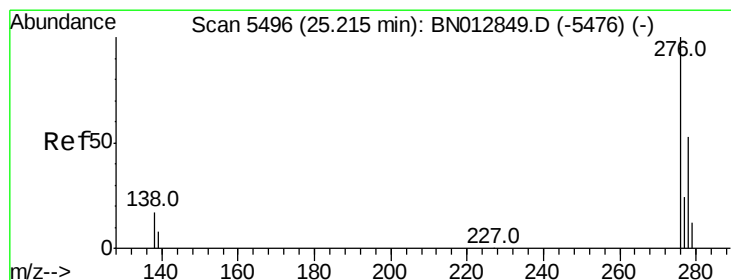
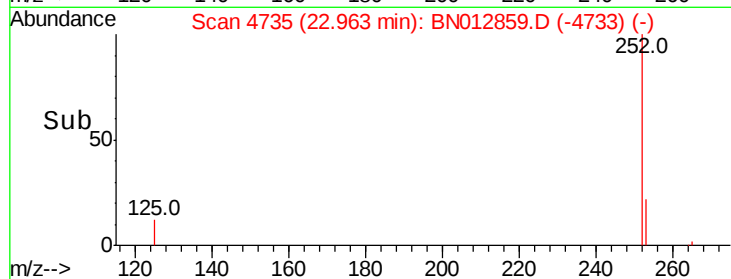
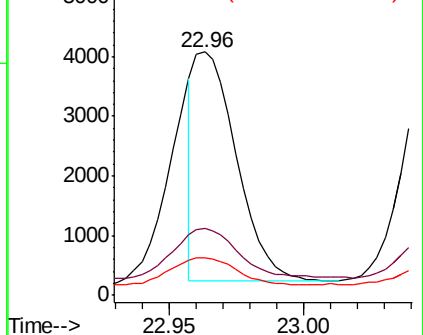
125 15.5 14.2 21.2



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.469 ng/uL

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

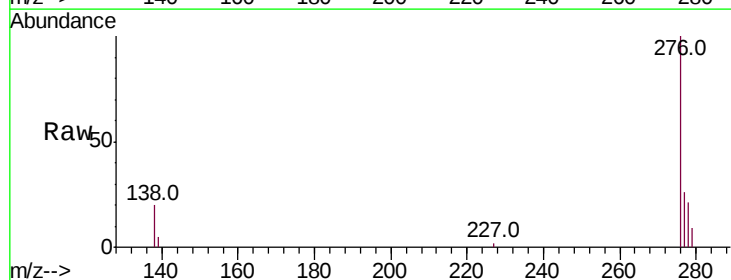
Tgt Ion:276 Resp: 6386

Ion Ratio Lower Upper

276 100

138 17.6 16.2 24.2

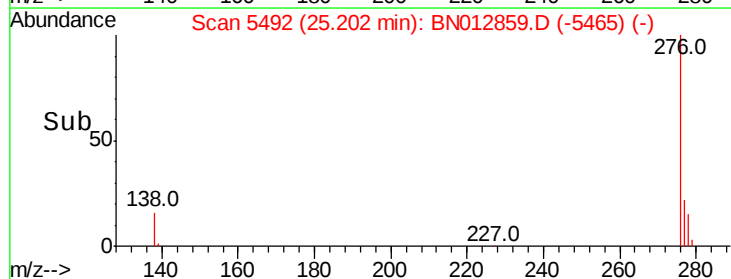
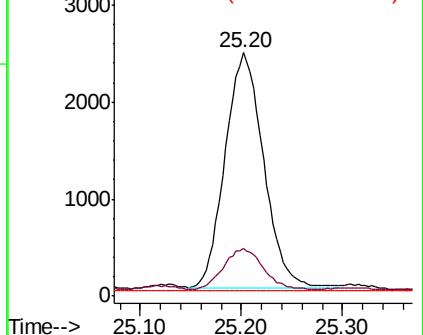
227 0.0 0.0 0.0#

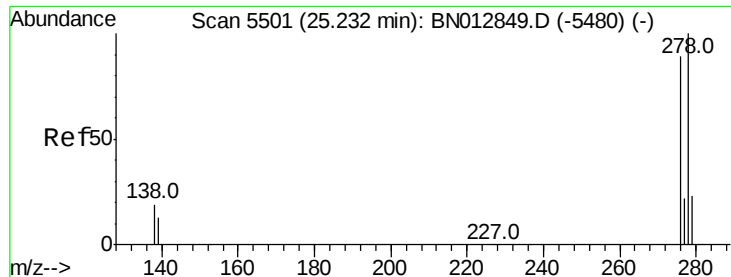


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.135 ng/u1

RT: 25.21 min Scan# 5495

Delta R.T. -0.01 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

Instrument :

BNA_N

ClientSampleId :

C0AZ9DL

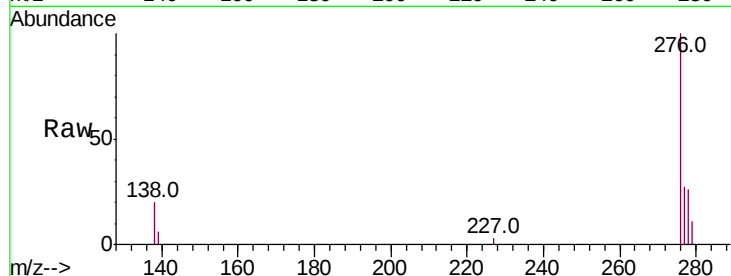
Tot Ion:278 Resp: 1456

Ion Ratio Lower Upper

278 100

139 23.4 14.5 21.7#

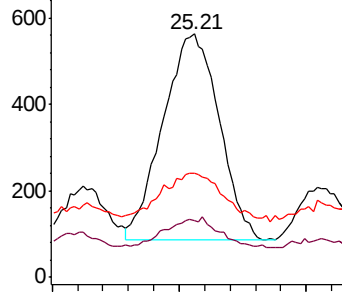
279 42.6 26.3 39.5#



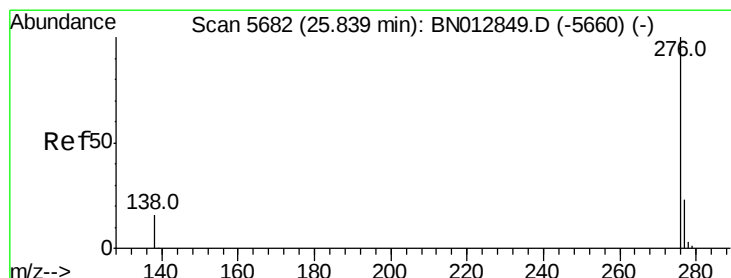
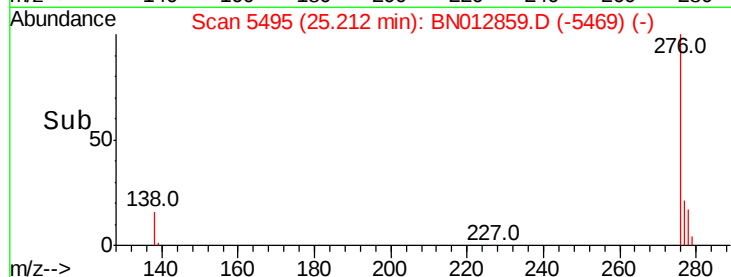
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.10 25.20 25.30



#26

Benzo(g,h,i)perylene

Concen: 0.485 ng/u1

RT: 25.83 min Scan# 5680

Delta R.T. -0.00 min

Lab File: BN012859.D

Acq: 03 Dec 2020 22:32

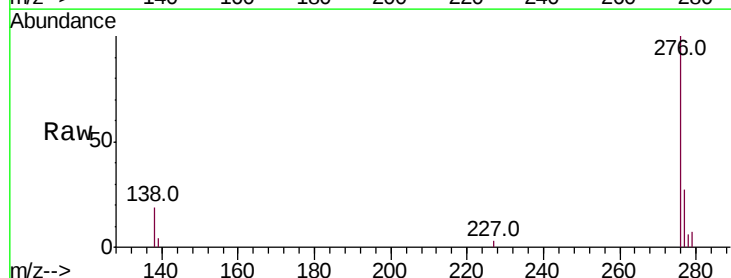
Tgt Ion:276 Resp: 5976

Ion Ratio Lower Upper

276 100

138 18.6 16.3 24.5

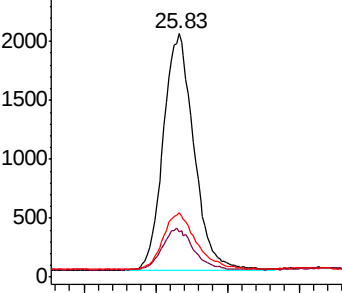
277 26.7 21.8 32.6



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



Time--> 25.70 25.80 25.90 26.00

