

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012802.D
 Acq On : 02 Dec 2020 03:53
 Operator : CG/JU
 Sample : L4793-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B43

Quant Time: Dec 02 05:09:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 05:08:42 2020
 Response via : Initial Calibration

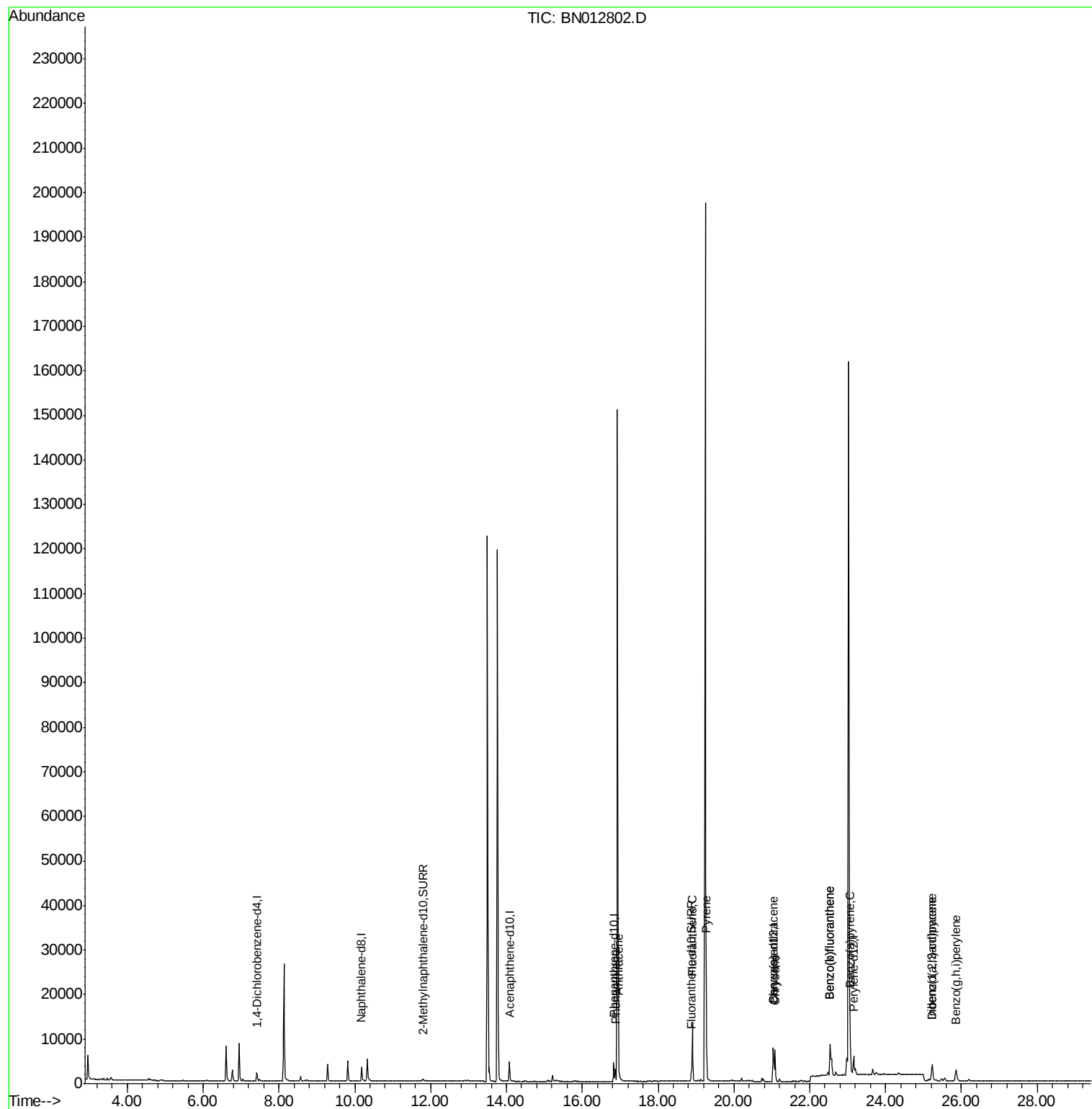
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3997	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2379	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	5160	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4443	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4819	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	713	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1738	0.13	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.87	178	2930	0.163	ng/ul	100
13) Anthracene	16.96	178	466	0.030	ng/ul#	76
15) Fluoranthene	18.91	202	11765	0.568	ng/ul	97
17) Pyrene	19.27	202	11580	0.583	ng/ul	98
18) Benzo(a)anthracene	21.03	228	5670	0.356	ng/ul	100
19) Chrysene	21.08	228	7316	0.368	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	14919	0.673	ng/ul	97
22) Benzo(k)fluoranthene	22.54	252	14919	0.584	ng/ul	95
23) Benzo(a)pyrene	23.07	252	6964	0.334	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.23	276	5586	0.205	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.24	278	1295	0.059	ng/ul#	70
26) Benzo(g,h,i)perylene	25.86	276	5365	0.218	ng/ul	98

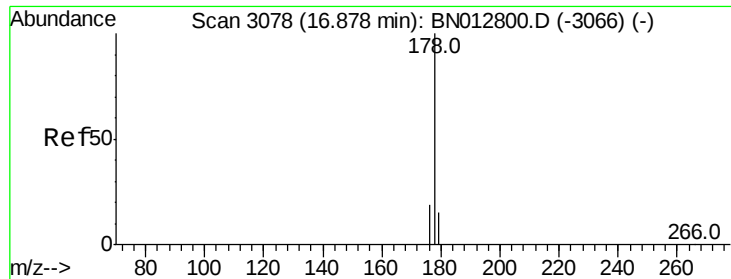
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 05:08:42 2020
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#12

Phenanthrene

Concen: 0.163 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

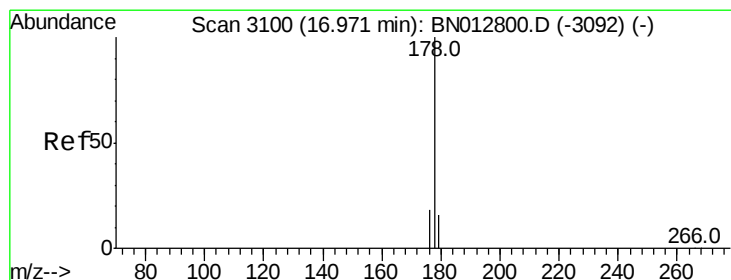
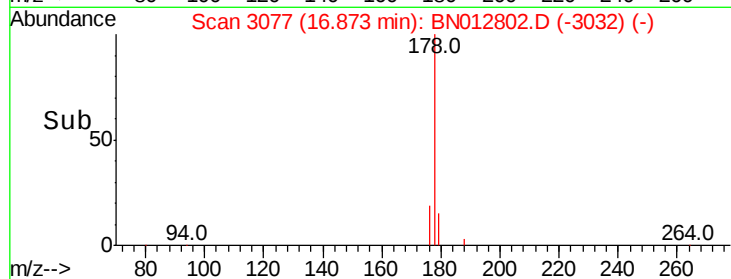
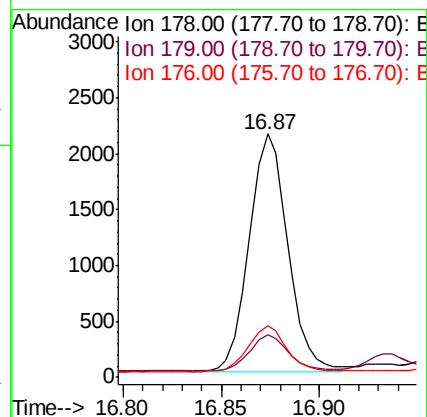
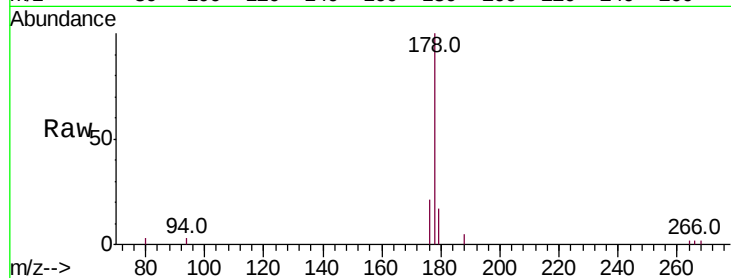
Tot Ion:178 Resp: 2930

Ion Ratio Lower Upper

178 100

179 17.3 13.8 20.6

176 21.2 16.7 25.1



#13

Anthracene

Concen: 0.030 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

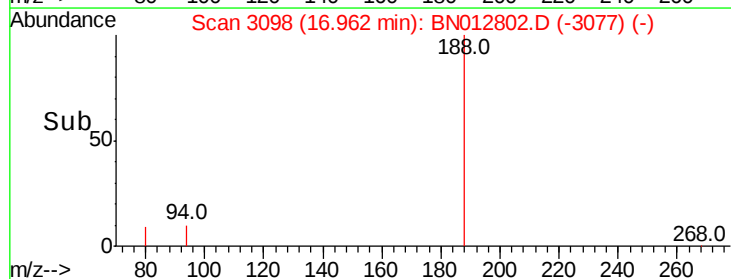
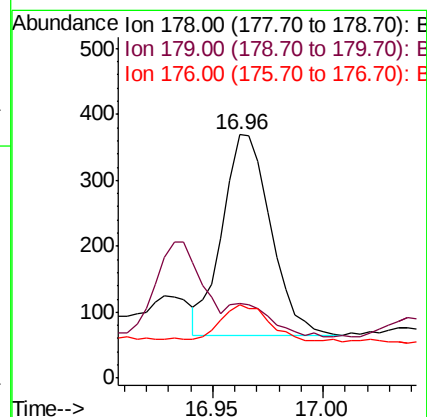
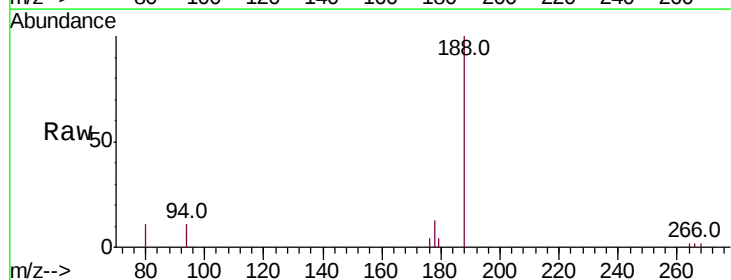
Tgt Ion:178 Resp: 466

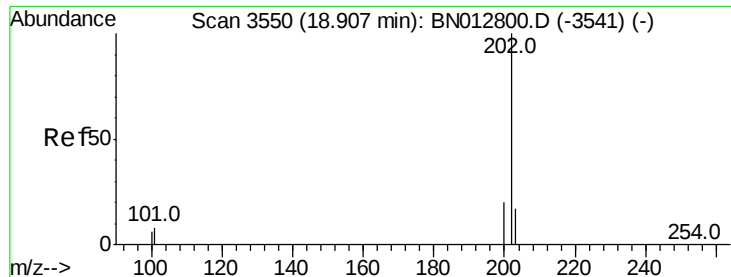
Ion Ratio Lower Upper

178 100

179 30.9 14.8 22.2#

176 30.1 16.3 24.5#





#15

Fluoranthene

Concen: 0.568 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

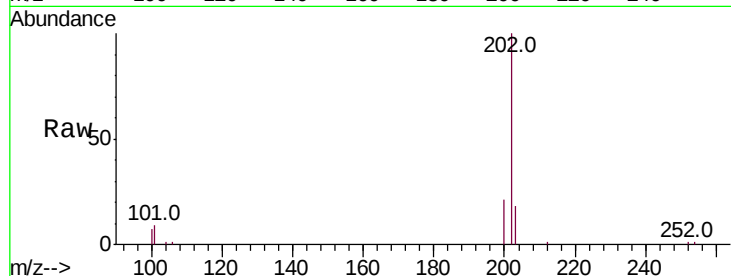
Tot Ion:202 Resp: 11765

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.5

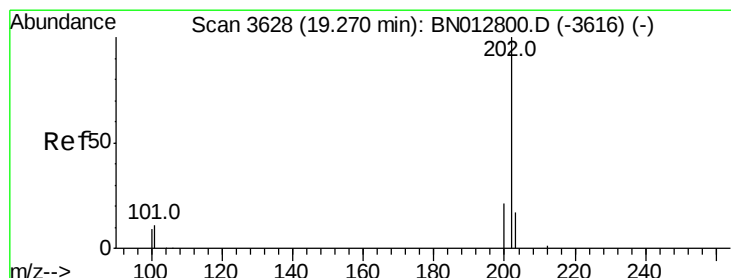
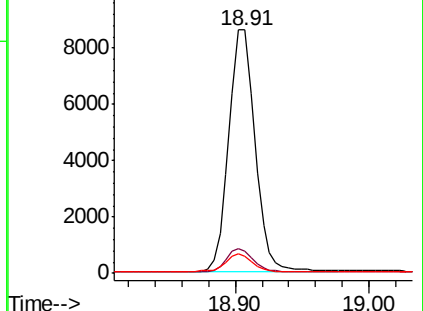
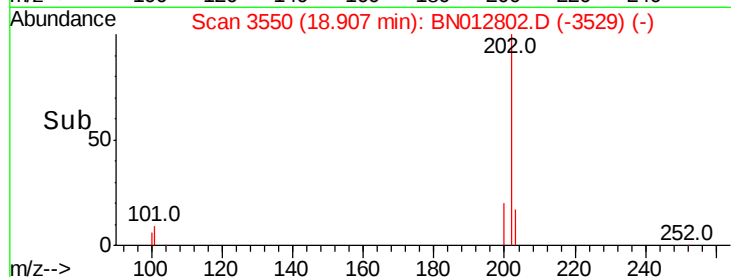
100 7.1 0.0 28.4



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: 0.583 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

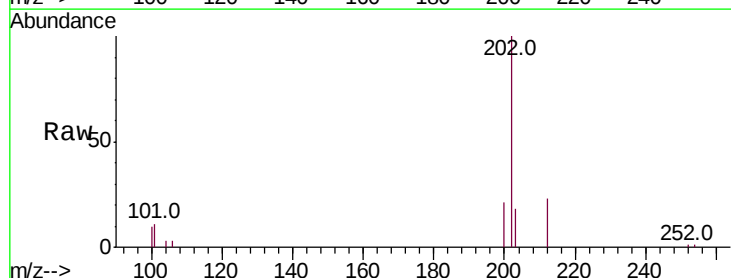
Tgt Ion:202 Resp: 11580

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

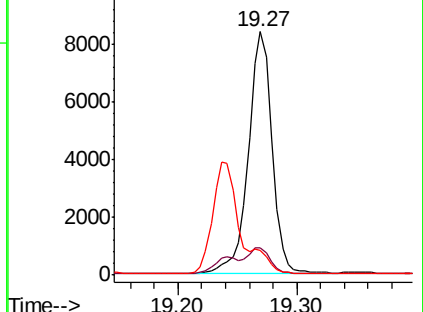
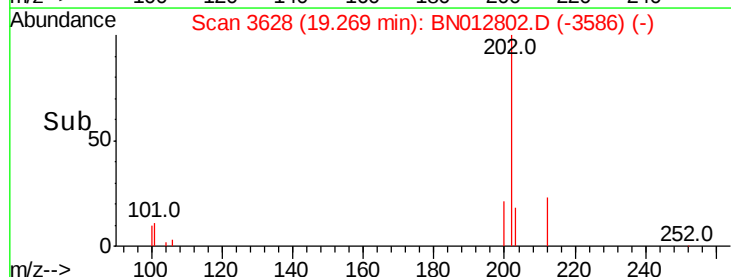
100 10.4 7.4 11.2

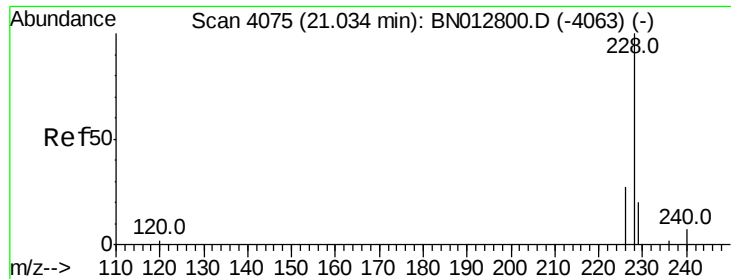


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.356 ng/ul

RT: 21.03 min Scan# 4075

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

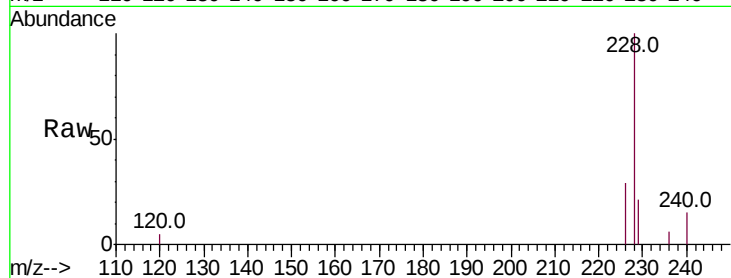
Tot Ion:228 Resp: 5670

Ion Ratio Lower Upper

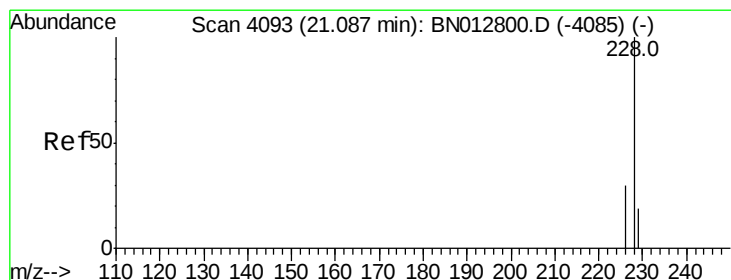
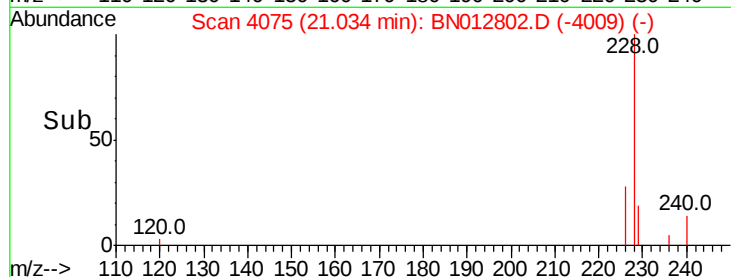
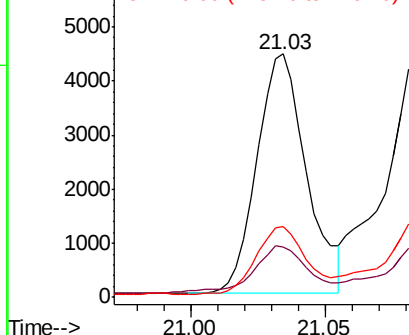
228 100

229 20.9 16.9 25.3

226 28.9 23.1 34.7



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: 0.368 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

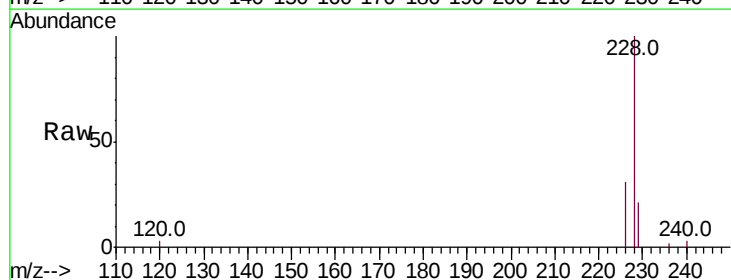
Tgt Ion:228 Resp: 7316

Ion Ratio Lower Upper

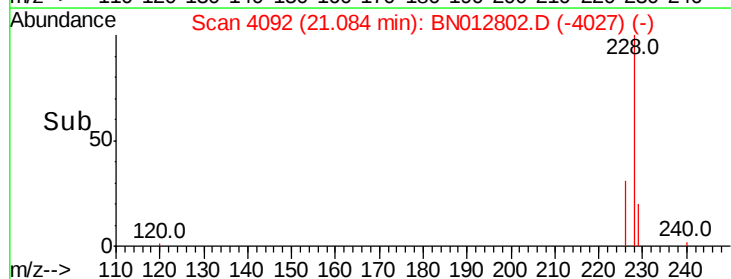
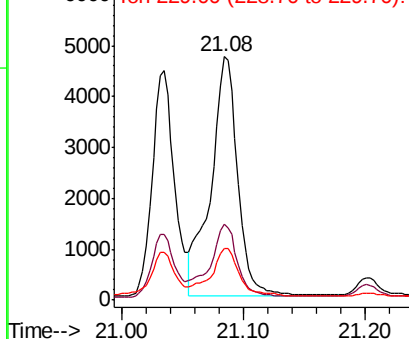
228 100

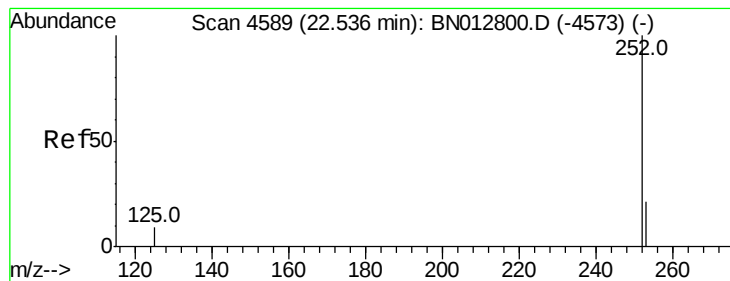
226 31.3 24.4 36.6

229 21.0 16.1 24.1



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: 0.673 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

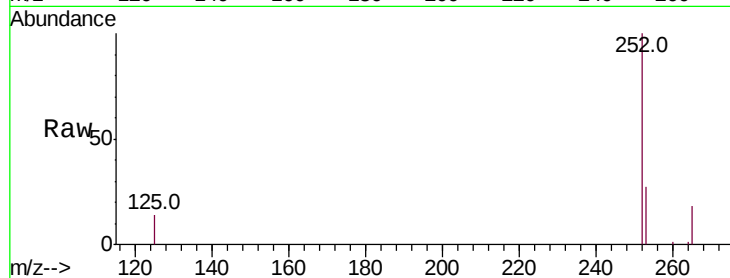
Tot Ion:252 Resp: 14919

Ion Ratio Lower Upper

252 100

253 26.5 0.0 58.4

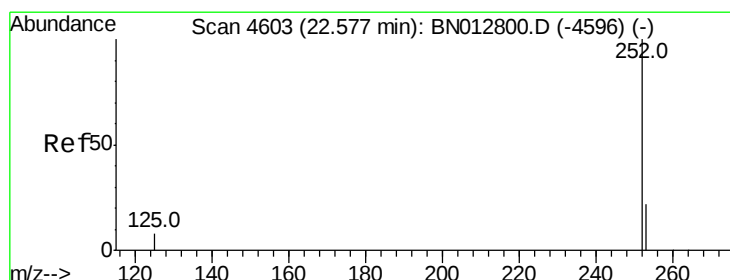
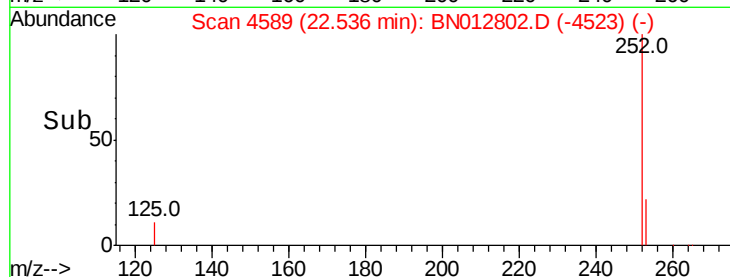
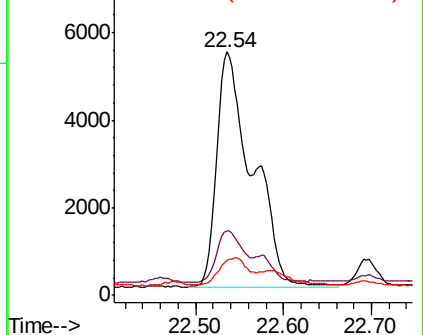
125 14.2 0.0 28.6



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: 0.584 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.05 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

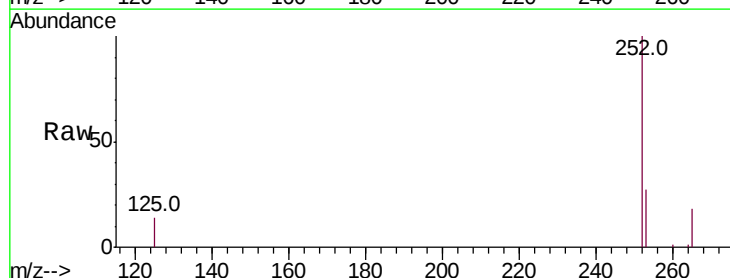
Tgt Ion:252 Resp: 14919

Ion Ratio Lower Upper

252 100

253 26.5 23.4 35.2

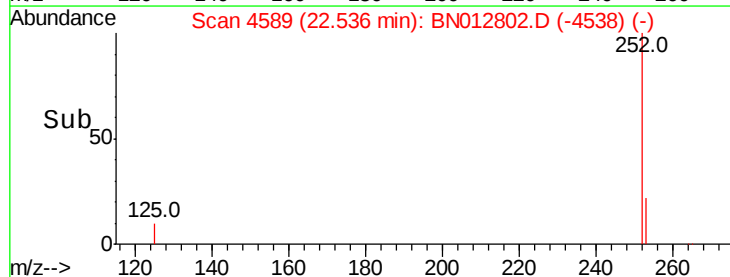
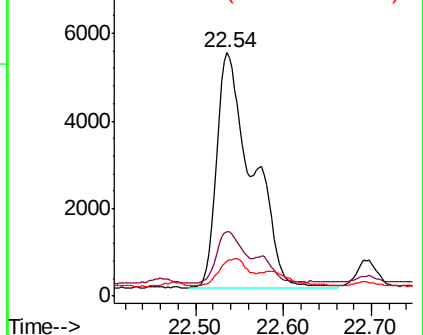
125 14.2 10.2 15.2

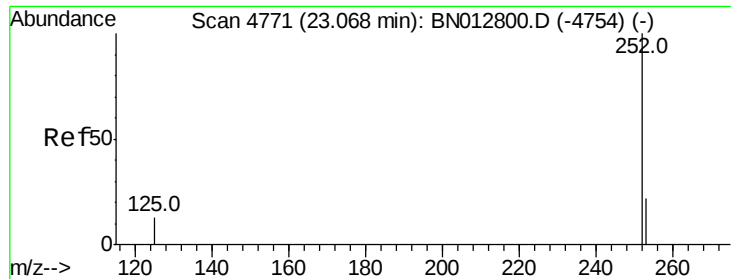


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.334 ng/ul

RT: 23.07 min Scan# 4770

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

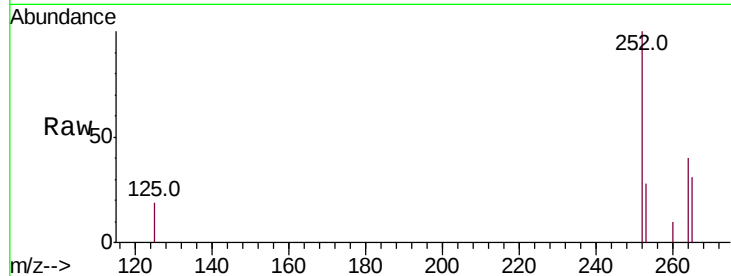
Tot Ion:252 Resp: 6964

Ion Ratio Lower Upper

252 100

253 28.3 27.6 41.4

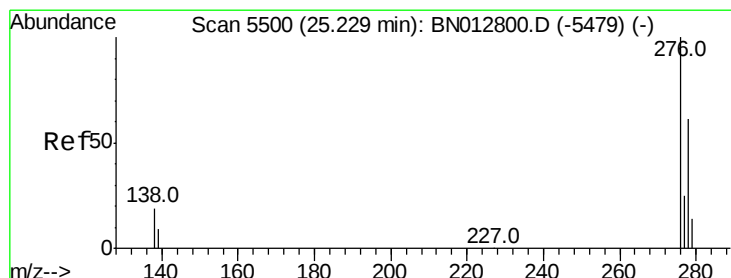
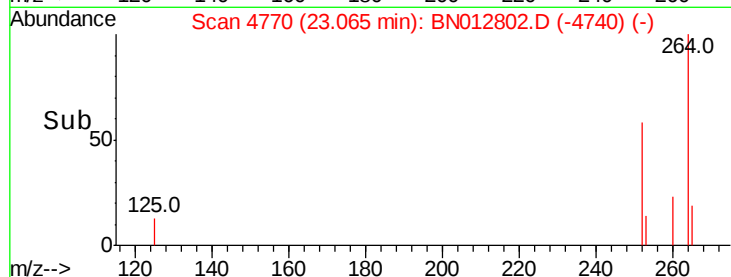
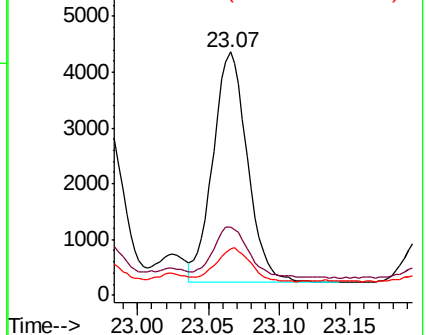
125 19.0 17.0 25.4



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: 0.205 ng/ul

RT: 25.23 min Scan# 5499

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

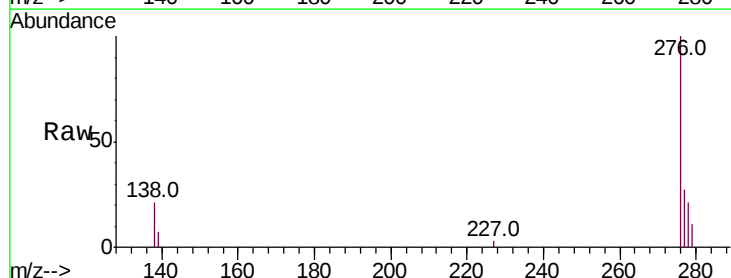
Tgt Ion:276 Resp: 5586

Ion Ratio Lower Upper

276 100

138 19.8 16.5 24.7

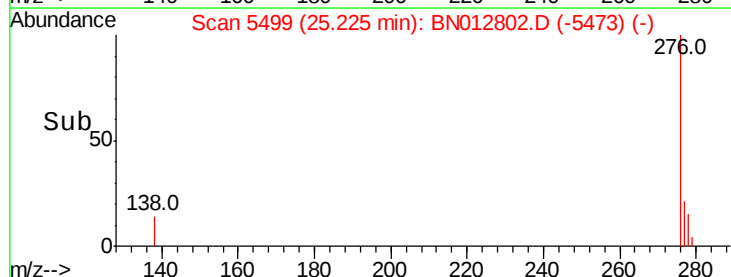
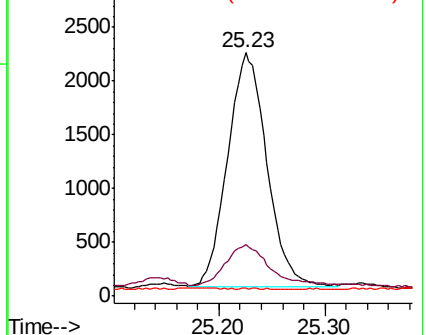
227 0.0 0.1 0.1#

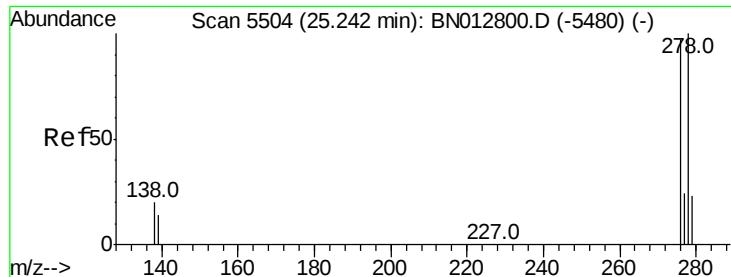


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.059 ng/u1

RT: 25.24 min Scan# 5502

Delta R.T. -0.02 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

Instrument :

BNA_N

ClientSampleId :

C0B43

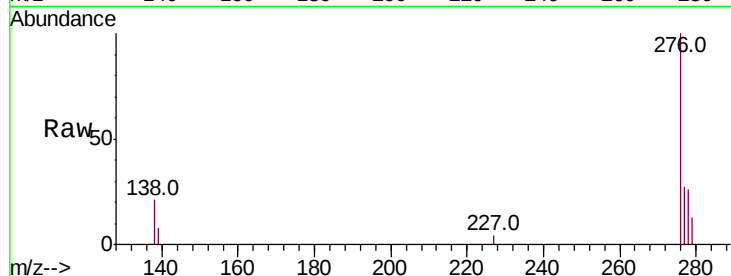
Tot Ion:278 Resp: 1295

Ion Ratio Lower Upper

278 100

139 31.3 13.8 20.8#

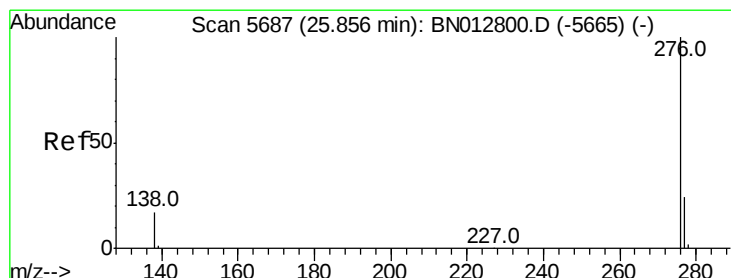
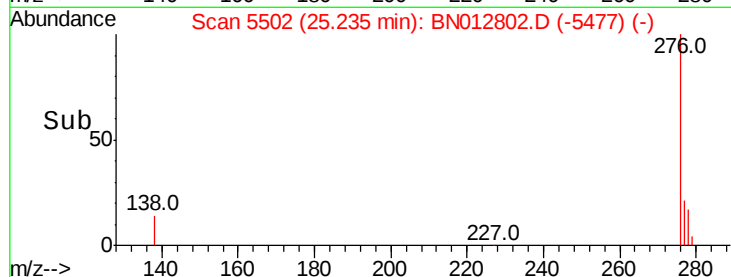
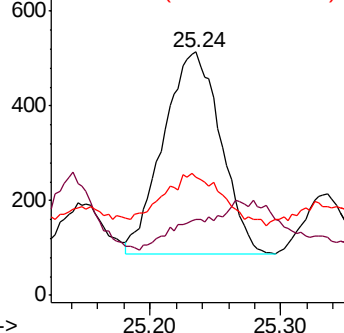
279 48.4 25.6 38.4#



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: 0.218 ng/u1

RT: 25.86 min Scan# 5688

Delta R.T. -0.01 min

Lab File: BN012802.D

Acq: 02 Dec 2020 03:53

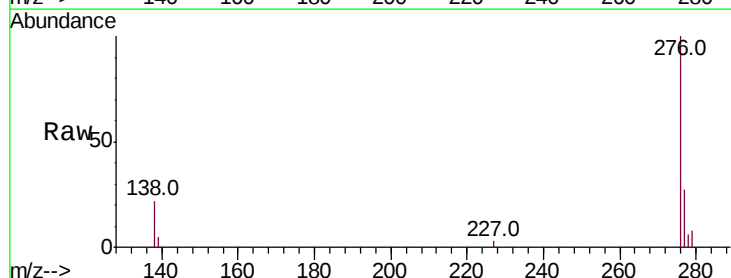
Tgt Ion:276 Resp: 5365

Ion Ratio Lower Upper

276 100

138 21.5 16.3 24.5

277 26.8 21.8 32.8



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

