

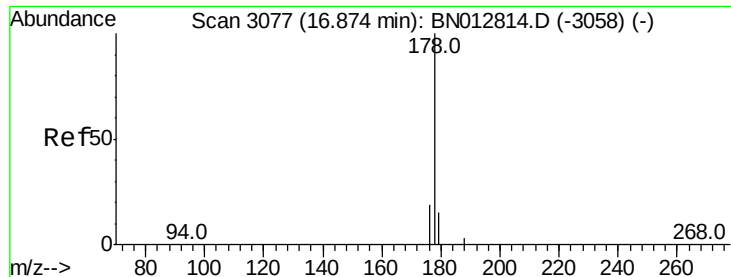
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012824.D
 Acq On : 02 Dec 2020 17:44
 Operator : CG/JU
 Sample : L4794-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY0

Quant Time: Dec 03 00:19:16 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 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	2953	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1727	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3626	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3005	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3245	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1174	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2647	0.28	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.87	178	2612	0.207	ng/ul	99
13) Anthracene	16.96	178	732	0.067	ng/ul#	84
15) Fluoranthene	18.90	202	8707	0.598	ng/ul	99
17) Pyrene	19.27	202	8583	0.639	ng/ul	99
18) Benzo(a)anthracene	21.04	228	3905	0.363	ng/ul	100
19) Chrysene	21.09	228	4582	0.341	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	8728	0.585	ng/ul	97
22) Benzo(k)fluoranthene	22.54	252	8728	0.507	ng/ul#	96
23) Benzo(a)pyrene	23.07	252	4387	0.312	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.23	276	3076	0.167	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	742	0.050	ng/ul#	48
26) Benzo(g,h,i)perylene	25.86	276	2894	0.175	ng/ul	95

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



#12

Phenanthrene

Concen: 0.207 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

ClientSampleId :

C0AY0

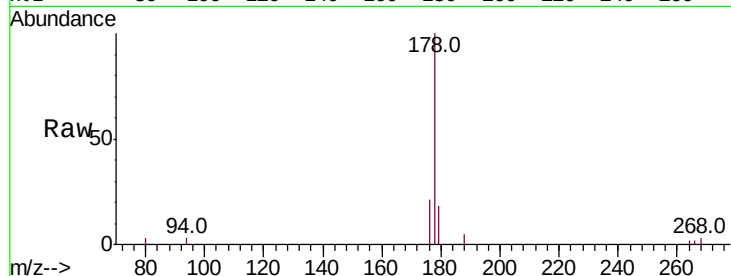
Tot Ion:178 Resp: 2612

Ion Ratio Lower Upper

178 100

179 17.9 13.8 20.6

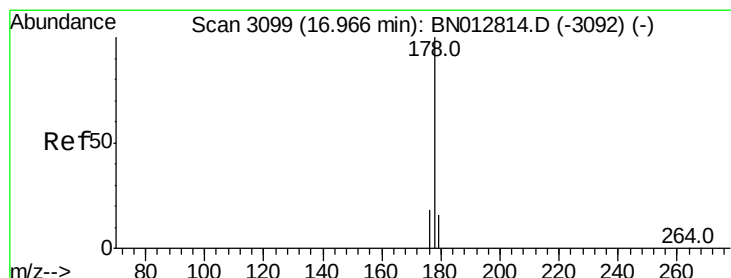
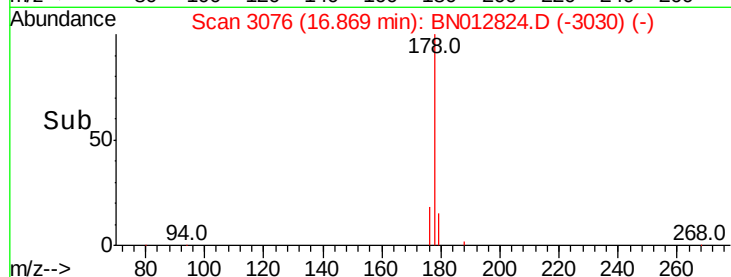
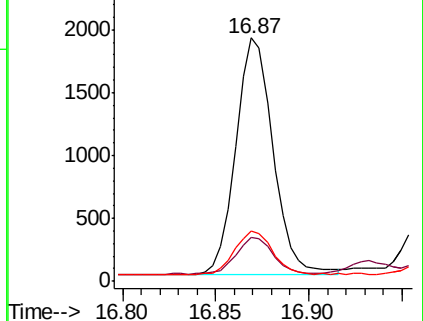
176 20.5 16.7 25.1



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: 0.067 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

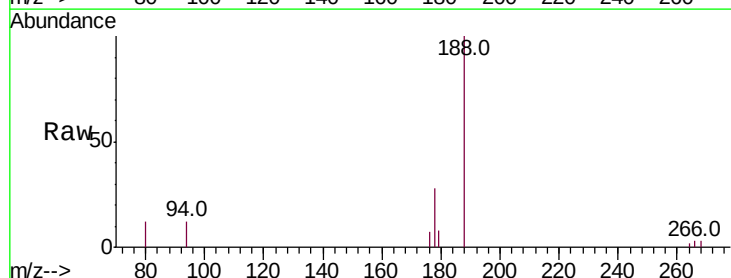
Tgt Ion:178 Resp: 732

Ion Ratio Lower Upper

178 100

179 27.1 14.8 22.2#

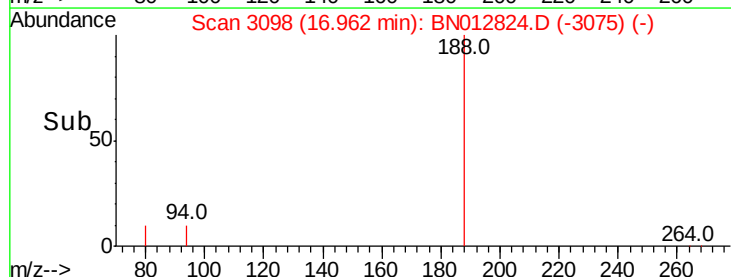
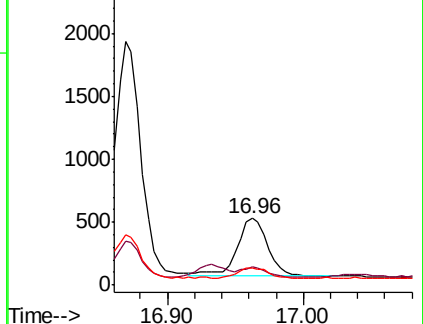
176 26.3 16.3 24.5#

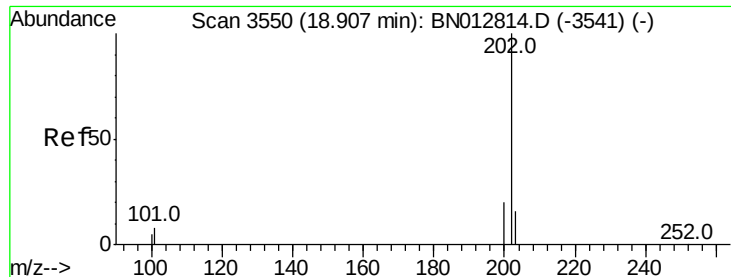


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

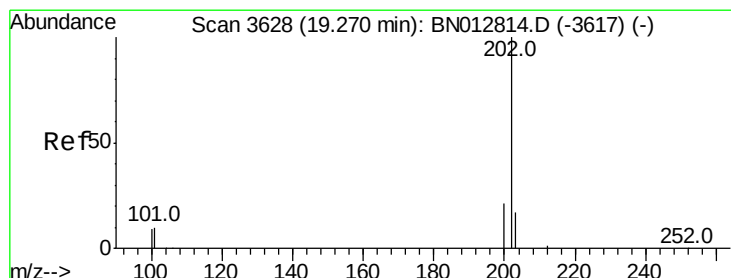
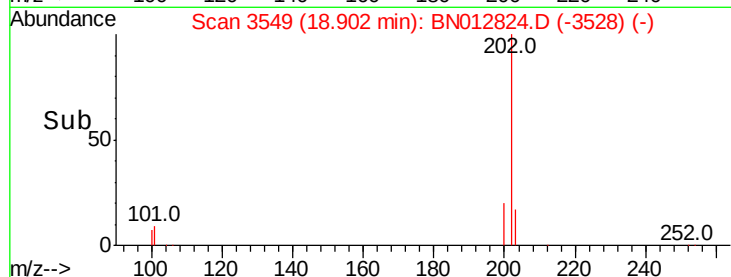
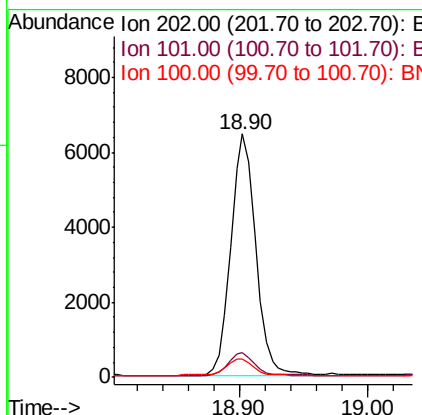
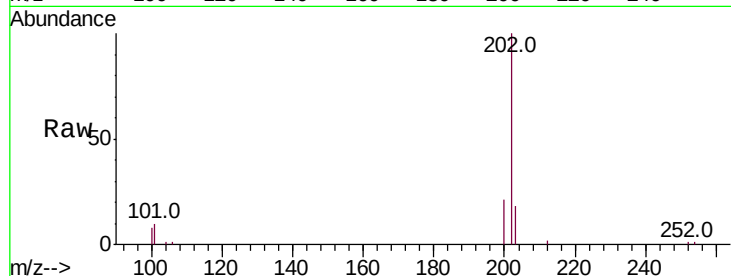




#15
Fluoranthene
 Concen: 0.598 ng/ul
 RT: 18.90 min Scan# 3549
 Delta R.T. -0.00 min
 Lab File: BN012824.D
 Acq: 02 Dec 2020 17:44

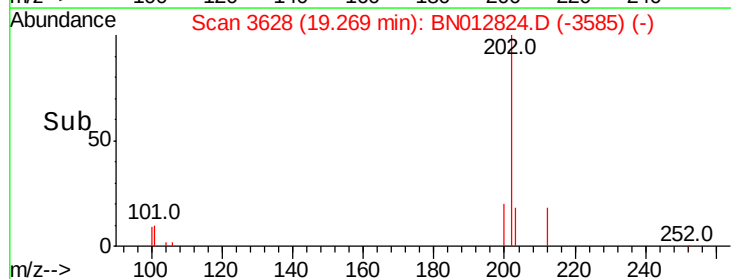
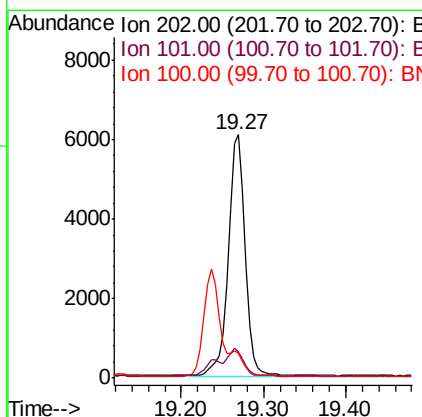
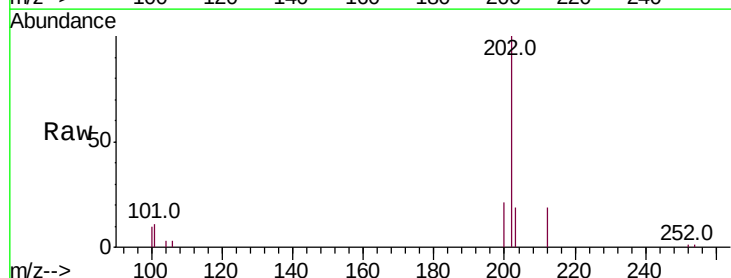
Instrument :
 BNA_N
 ClientSampleId :
 C0AY0

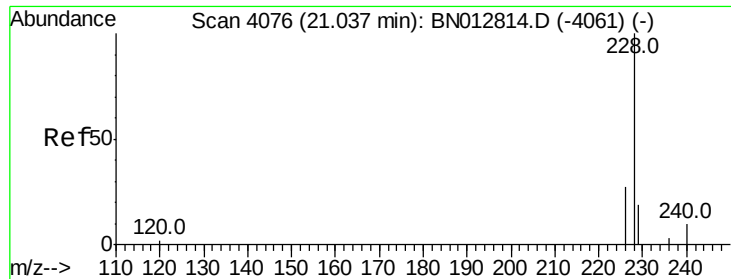
Tot Ion:202 Resp: 8707
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.5
 100 7.7 0.0 28.4



#17
Pyrene
 Concen: 0.639 ng/ul
 RT: 19.27 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: BN012824.D
 Acq: 02 Dec 2020 17:44

Tgt Ion:202 Resp: 8583
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 100 10.0 7.4 11.2





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.04 min Scan# 4076

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

ClientSampleId :

C0AY0

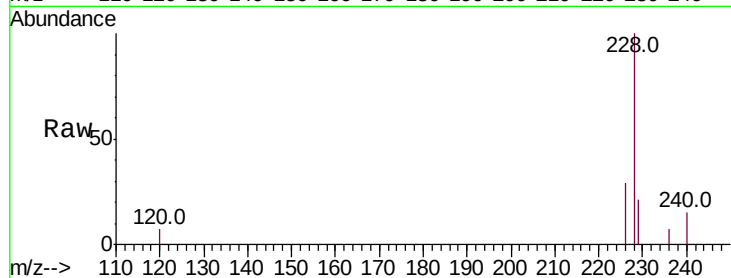
Tot Ion:228 Resp: 3905

Ion Ratio Lower Upper

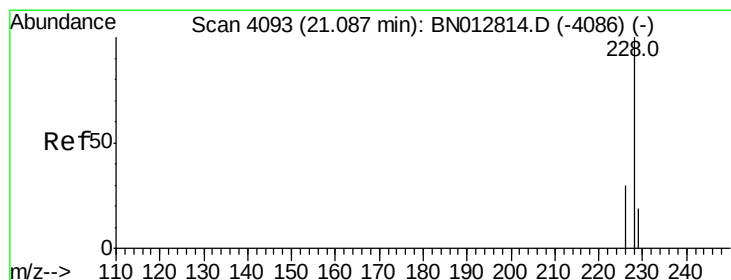
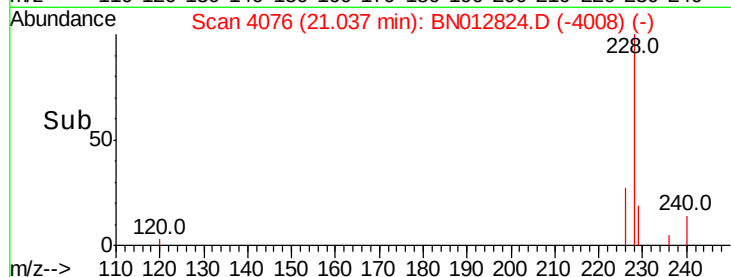
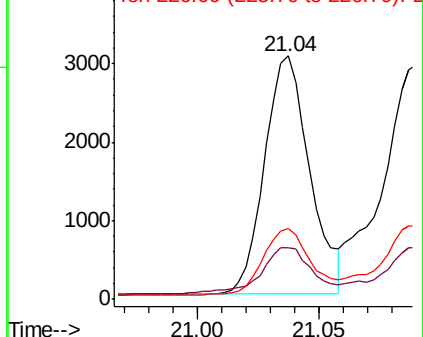
228 100

229 21.2 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: 0.341 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. 0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

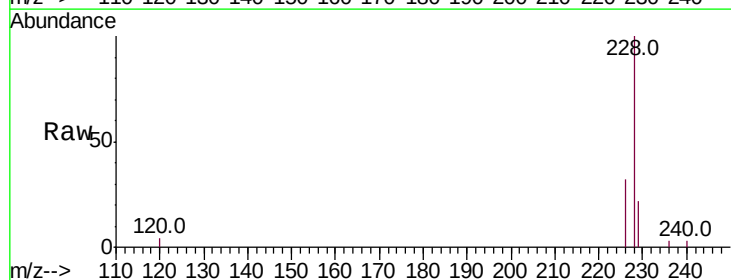
Tgt Ion:228 Resp: 4582

Ion Ratio Lower Upper

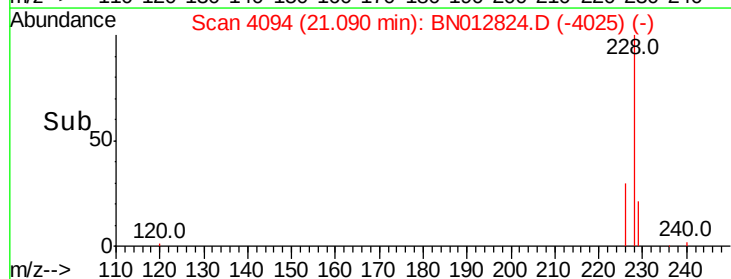
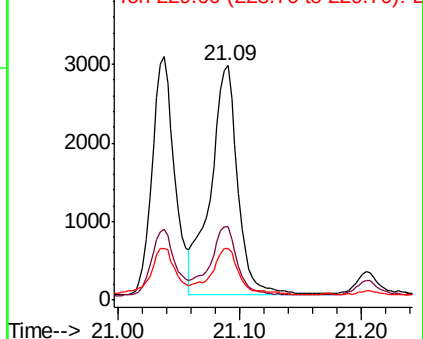
228 100

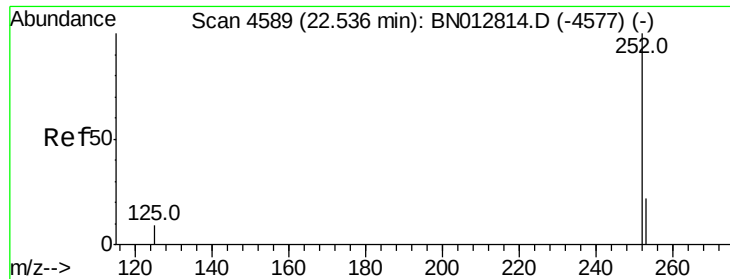
226 31.5 24.4 36.6

229 22.2 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: 0.585 ng/ul

RT: 22.54 min Scan# 4590

Delta R.T. 0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

ClientSampleId :

C0AY0

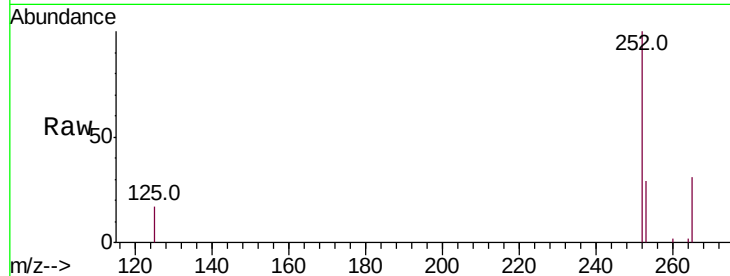
Tot Ion:252 Resp: 8728

Ion Ratio Lower Upper

252 100

253 29.2 0.0 58.4

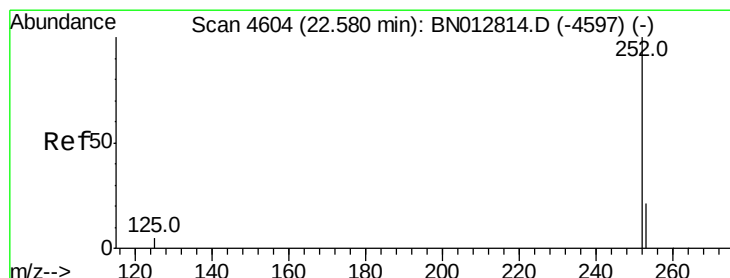
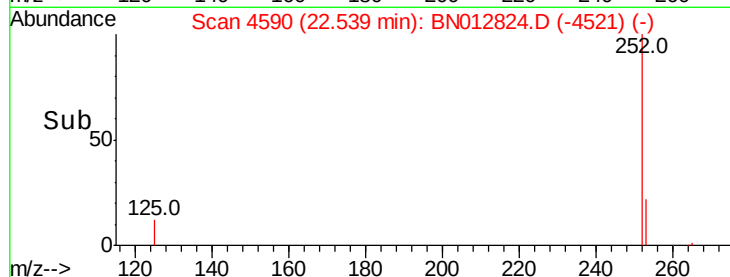
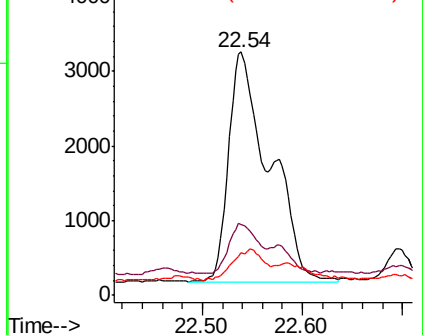
125 17.4 0.0 28.6



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: 0.507 ng/ul

RT: 22.54 min Scan# 4590

Delta R.T. -0.04 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

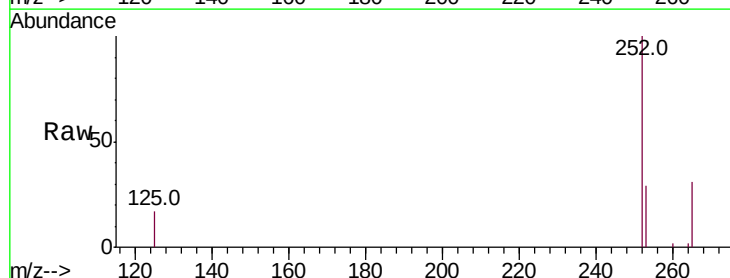
Tgt Ion:252 Resp: 8728

Ion Ratio Lower Upper

252 100

253 29.2 23.4 35.2

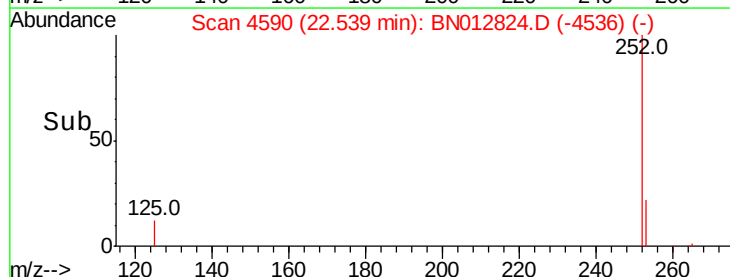
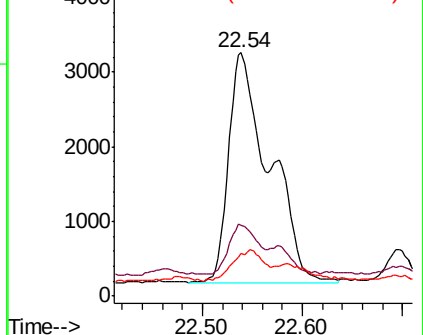
125 17.4 10.2 15.2#

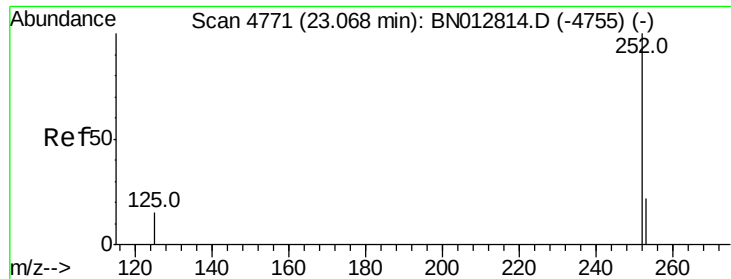


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.312 ng/ul

RT: 23.07 min Scan# 4771

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

ClientSampleId :

C0AY0

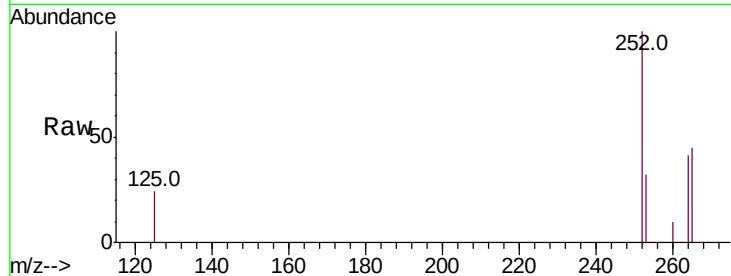
Tot Ion:252 Resp: 4387

Ion Ratio Lower Upper

252 100

253 31.9 27.6 41.4

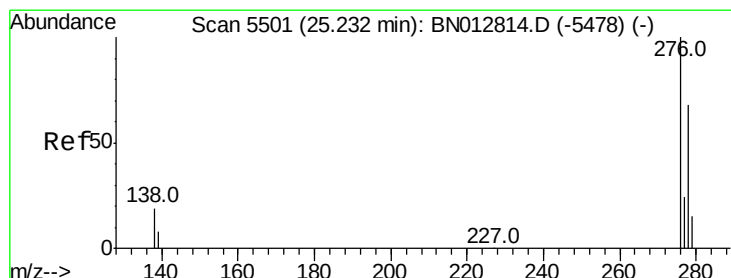
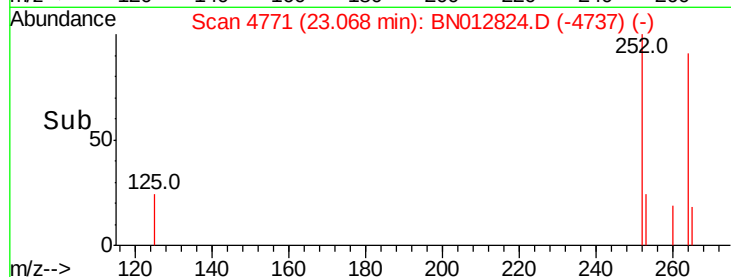
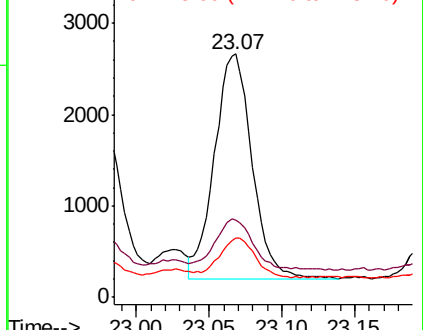
125 24.1 17.0 25.4



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: 0.167 ng/ul

RT: 25.23 min Scan# 5499

Delta R.T. -0.01 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

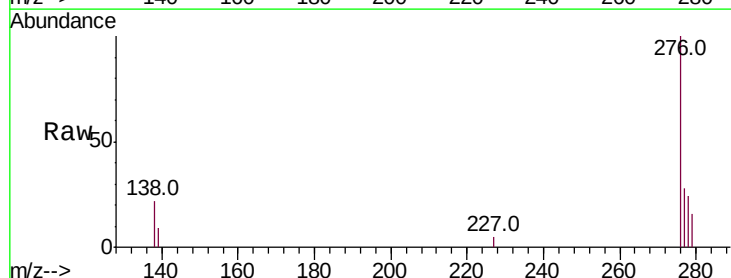
Tgt Ion:276 Resp: 3076

Ion Ratio Lower Upper

276 100

138 19.2 16.5 24.7

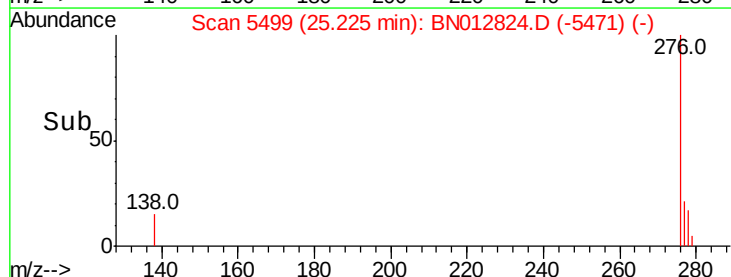
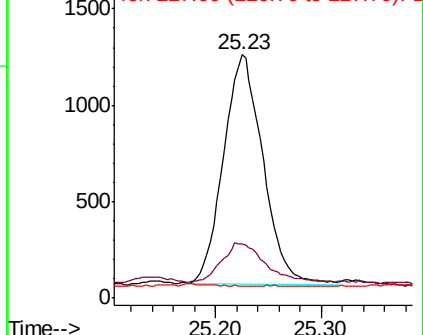
227 0.0 0.1 0.1#

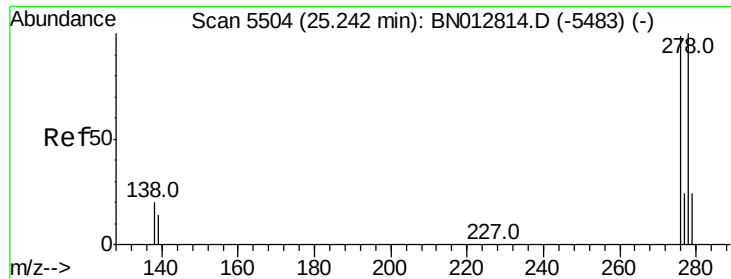


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 25.23 min Scan# 5501

Delta R.T. -0.01 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

Instrument :

BNA_N

ClientSampleId :

C0AY0

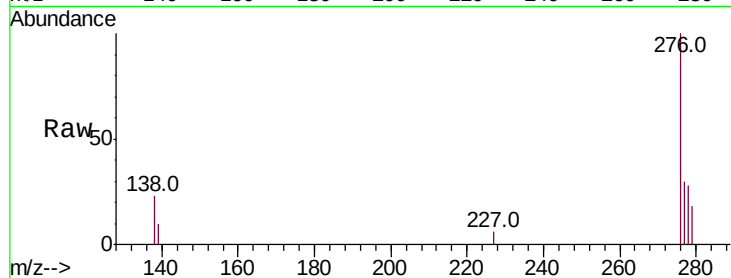
Tot Ion:278 Resp: 742

Ion Ratio Lower Upper

278 100

139 35.3 13.8 20.8#

279 64.0 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

25.23

300

200

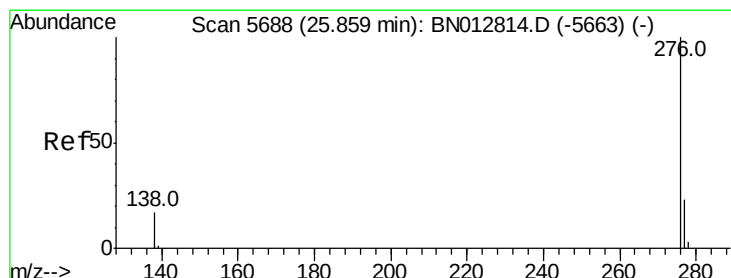
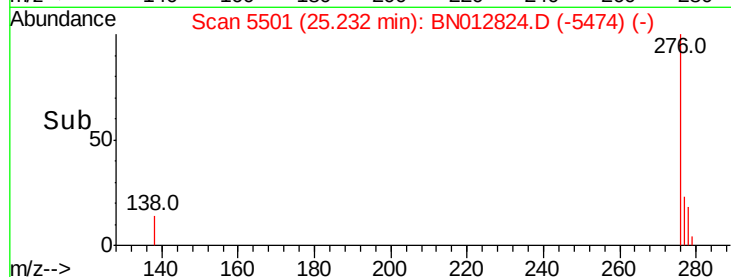
100

0

25.20

25.30

Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.175 ng/ul

RT: 25.86 min Scan# 5687

Delta R.T. -0.00 min

Lab File: BN012824.D

Acq: 02 Dec 2020 17:44

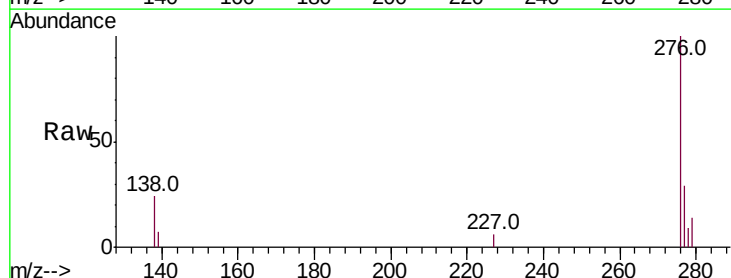
Tgt Ion:276 Resp: 2894

Ion Ratio Lower Upper

276 100

138 24.3 16.3 24.5

277 28.9 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

25.86

1000

500

0

25.70

25.80

25.90

26.00

Time-->

