

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012825.D
 Acq On : 02 Dec 2020 18:20
 Operator : CG/JU
 Sample : L4865-21
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B19

Quant Time: Dec 03 00:19:21 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

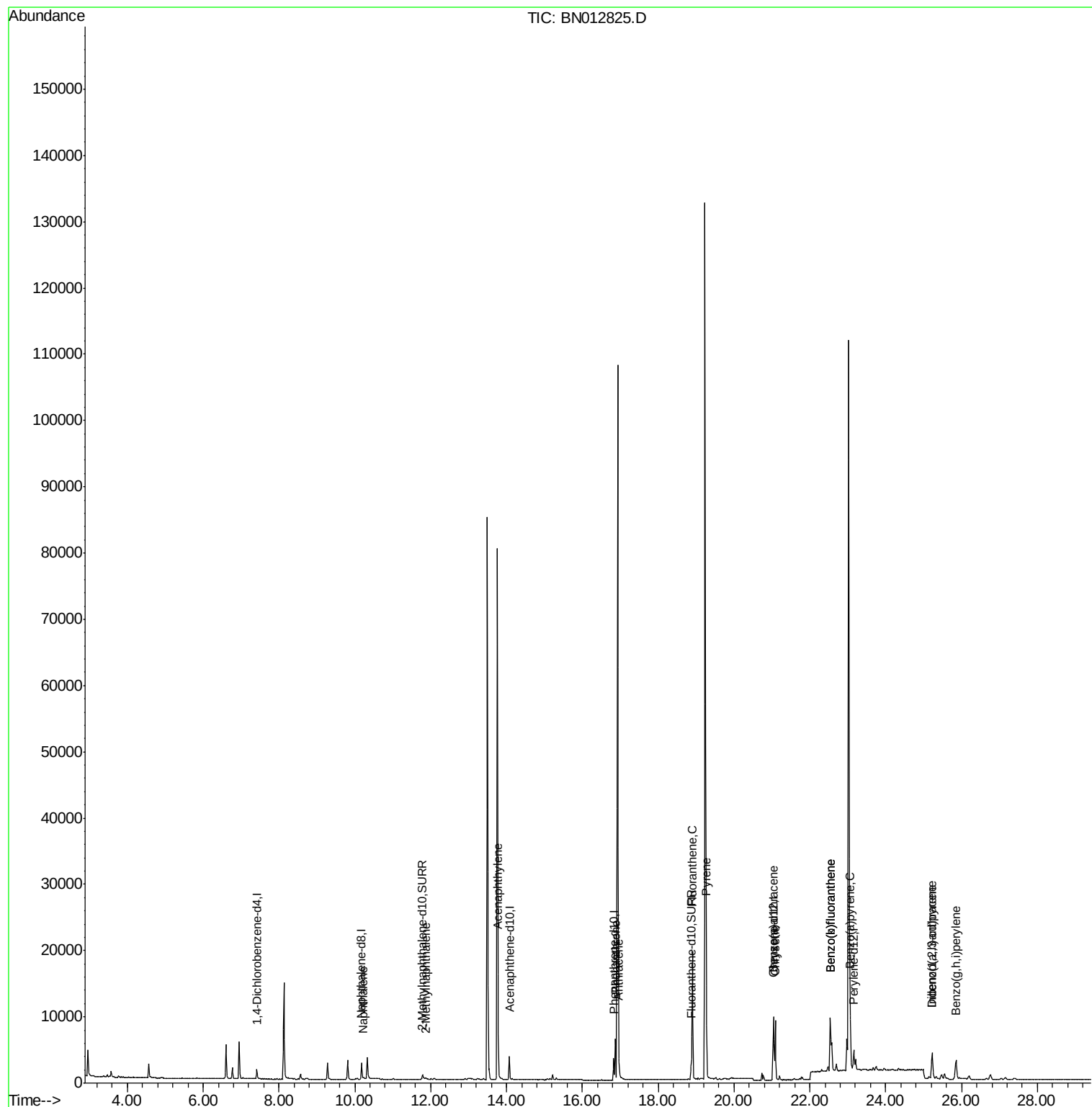
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1872	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	3977	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3375	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1176	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2685	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	278	0.029	ng/ul#	58
5) 2-Methylnaphthalene	11.86	142	141	0.023	ng/ul	97
7) Acenaphthylene	13.79	152	333	0.036	ng/ul#	64
12) Phenanthrene	16.87	178	6445	0.466	ng/ul	97
13) Anthracene	16.96	178	1290	0.107	ng/ul	92
15) Fluoranthene	18.90	202	16748	1.048	ng/ul	97
17) Pyrene	19.27	202	15945	1.056	ng/ul	98
18) Benzo(a)anthracene	21.03	228	7559	0.625	ng/ul	98
19) Chrysene	21.08	228	9065	0.600	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	17348	1.026	ng/ul	95
22) Benzo(k)fluoranthene	22.54	252	17348	0.890	ng/ul	96
23) Benzo(a)pyrene	23.07	252	8463	0.532	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.22	276	6049	0.291	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.23	278	1471	0.088	ng/ul#	76
26) Benzo(g,h,i)perylene	25.85	276	5680	0.303	ng/ul	98

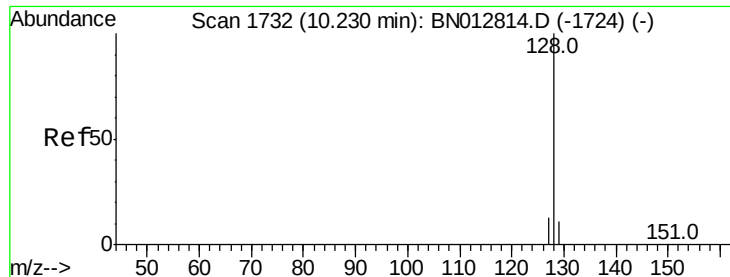
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 00:19:21 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





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

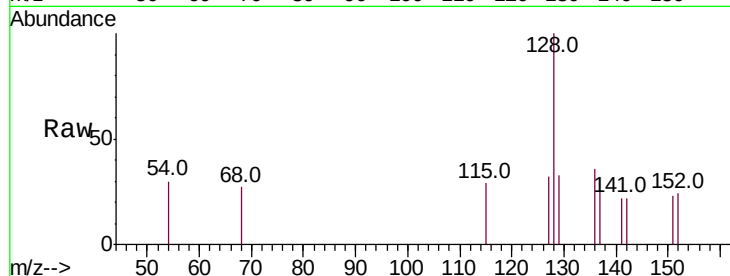
Tot Ion:128 Resp: 278

Ion Ratio Lower Upper

128 100

129 32.6 11.2 16.8#

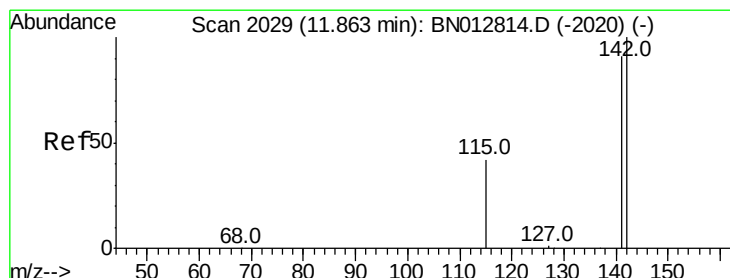
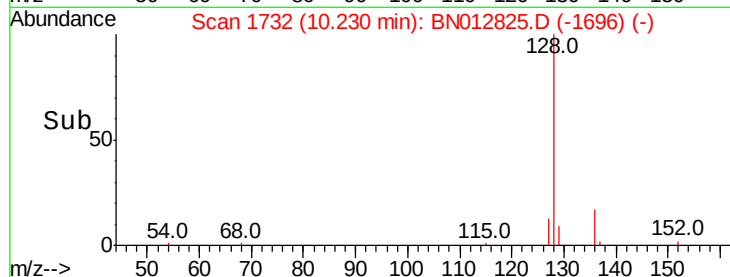
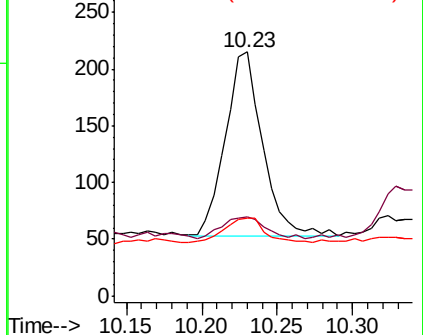
127 31.6 12.5 18.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.86 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BN012825.D

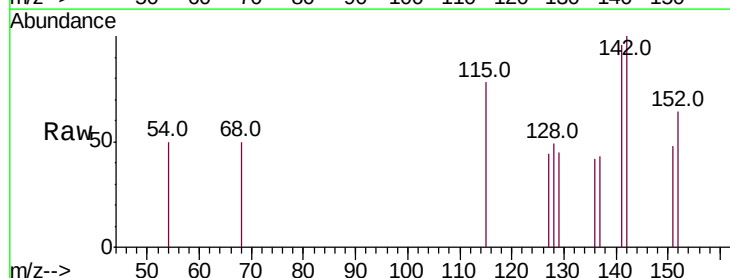
Acq: 02 Dec 2020 18:20

Tgt Ion:142 Resp: 141

Ion Ratio Lower Upper

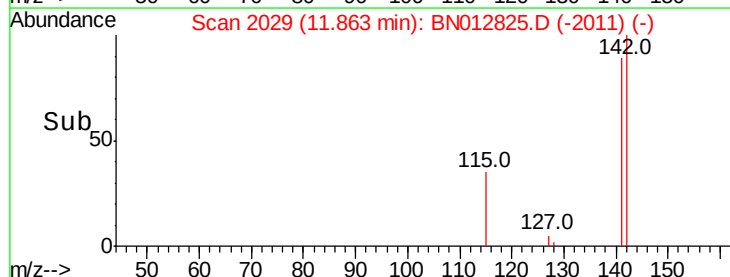
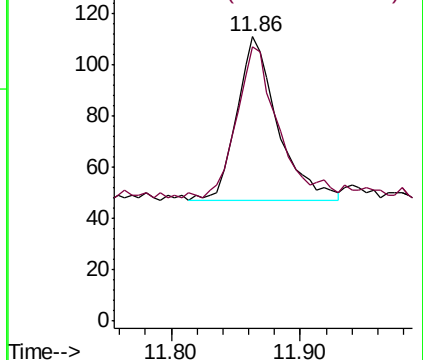
142 100

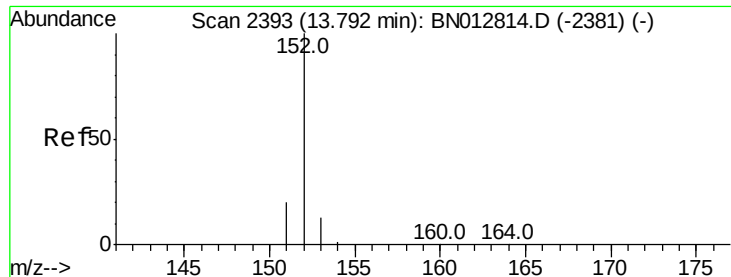
141 93.6 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.79 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

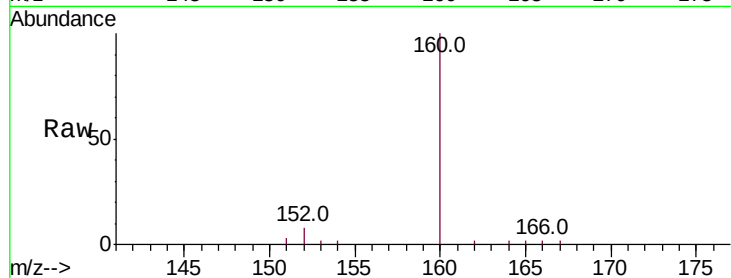
Tot Ion:152 Resp: 333

Ion Ratio Lower Upper

152 100

151 37.3 17.1 25.7#

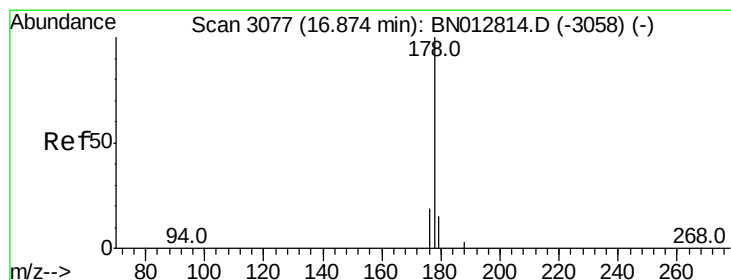
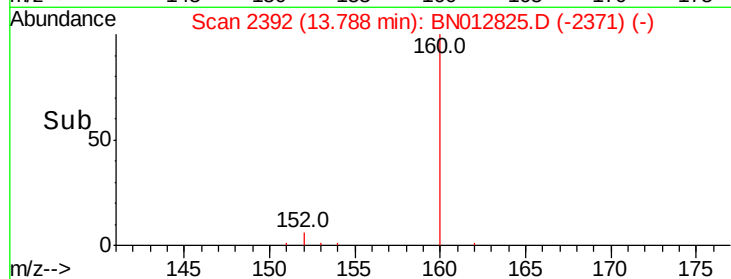
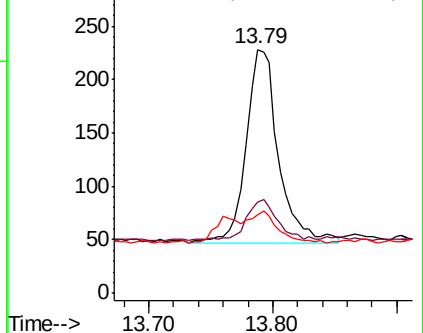
153 32.0 12.6 19.0#



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: 0.466 ng/ul

RT: 16.87 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

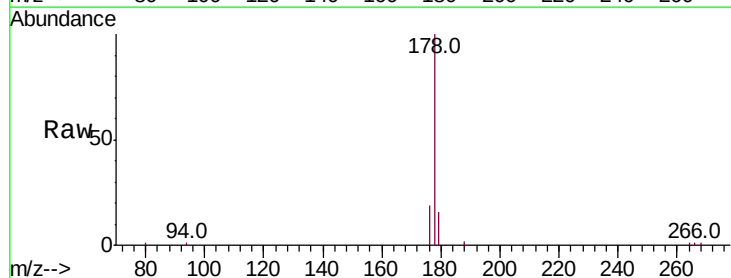
Tgt Ion:178 Resp: 6445

Ion Ratio Lower Upper

178 100

179 16.2 13.8 20.6

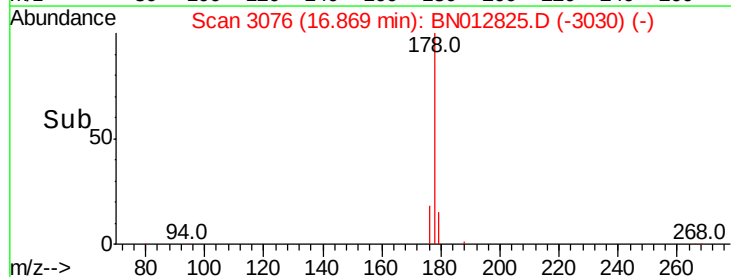
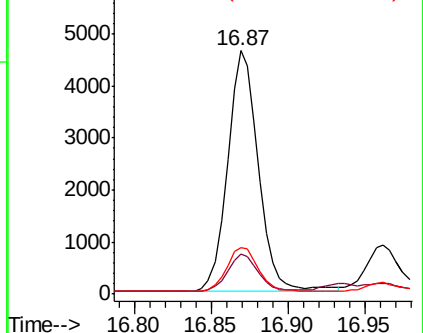
176 19.3 16.7 25.1

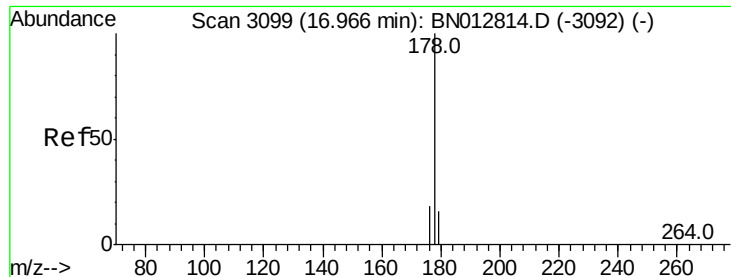


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.107 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

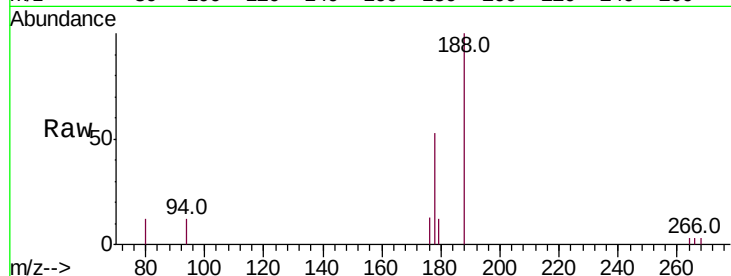
Tot Ion:178 Resp: 1290

Ion Ratio Lower Upper

178 100

179 22.2 14.8 22.2

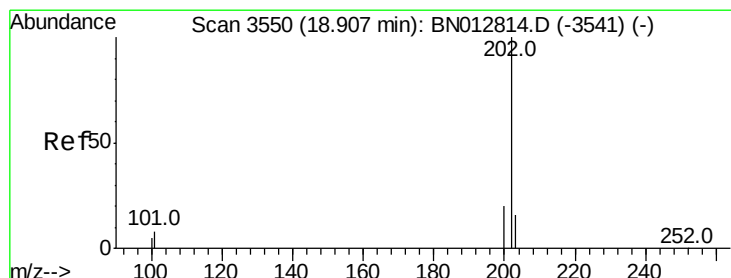
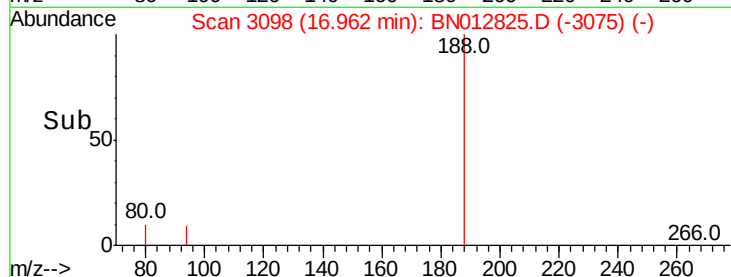
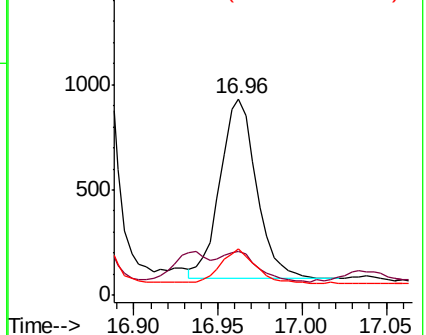
176 23.9 16.3 24.5



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: 1.048 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

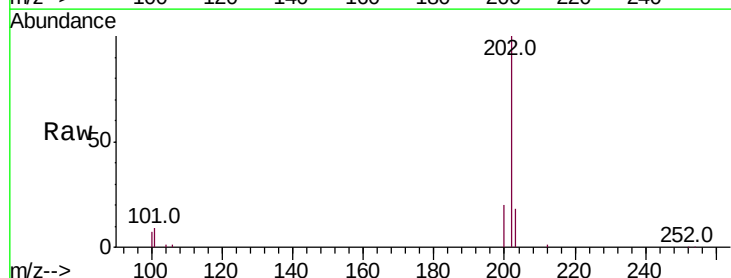
Tgt Ion:202 Resp: 16748

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.5

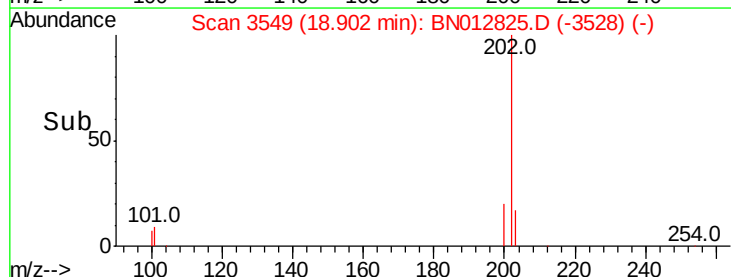
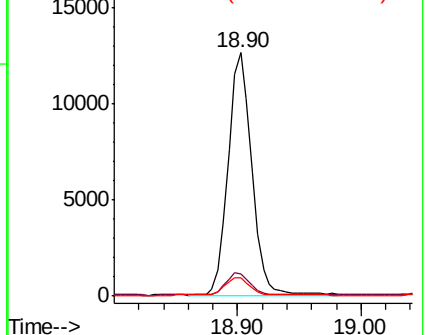
100 7.3 0.0 28.4

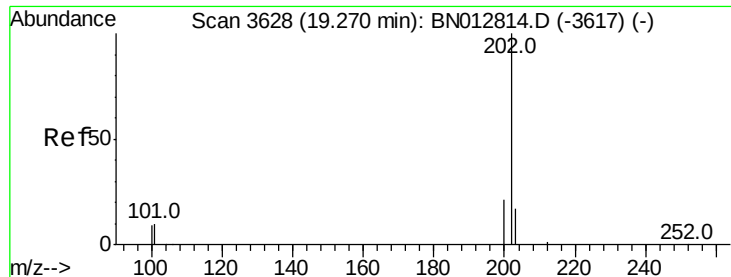


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.056 ng/ul

RT: 19.27 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

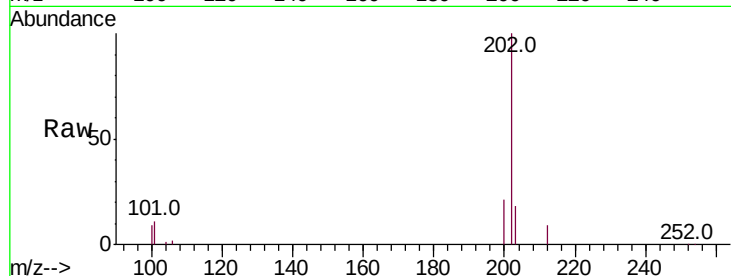
Tot Ion:202 Resp: 15945

Ion Ratio Lower Upper

202 100

101 10.5 8.9 13.3

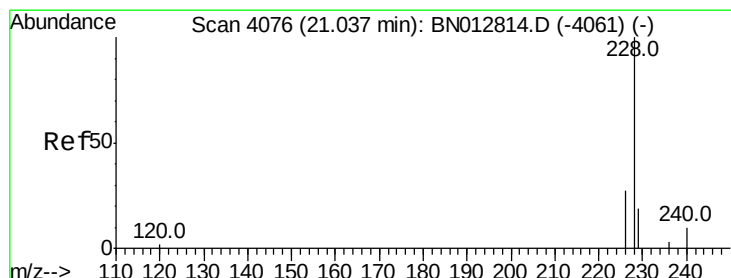
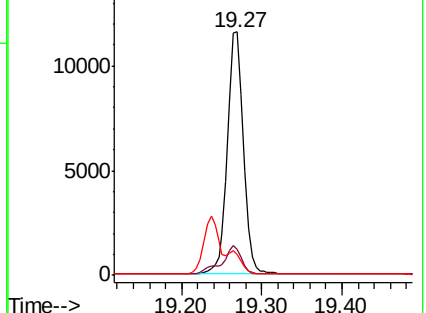
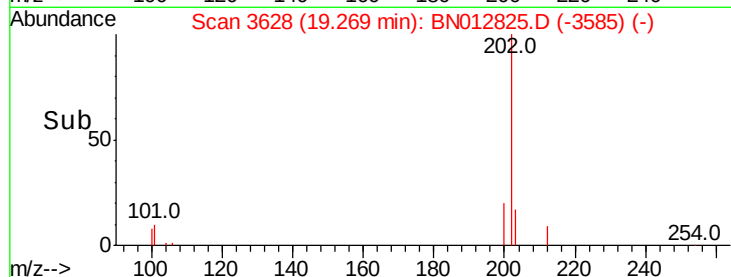
100 8.7 7.4 11.2



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: 0.625 ng/ul

RT: 21.03 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

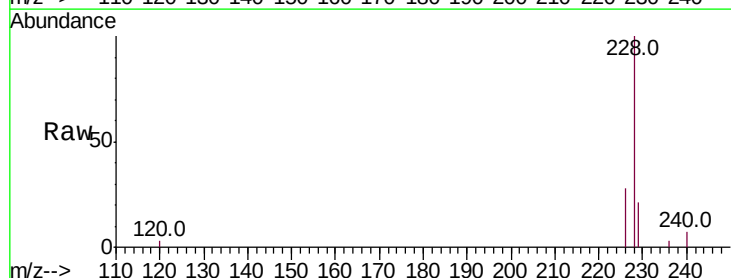
Tgt Ion:228 Resp: 7559

Ion Ratio Lower Upper

228 100

229 20.6 16.9 25.3

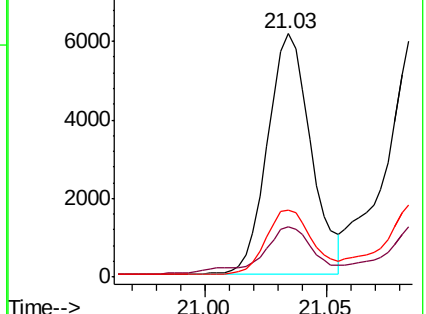
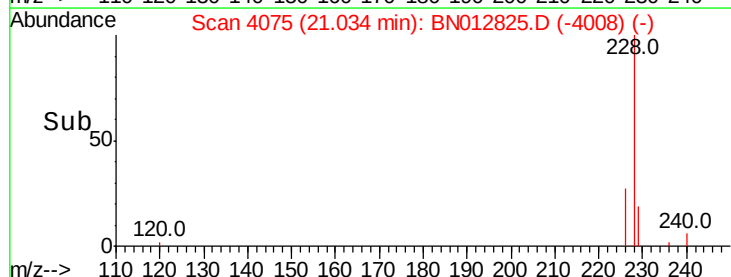
226 27.6 23.1 34.7

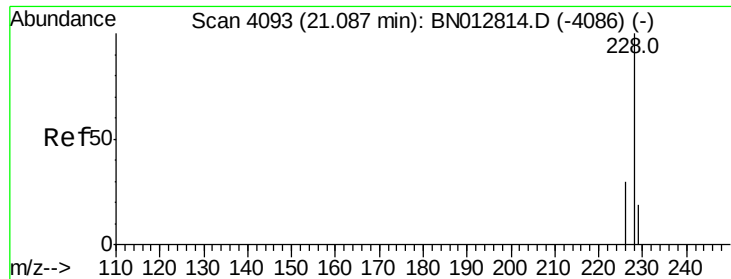


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.600 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

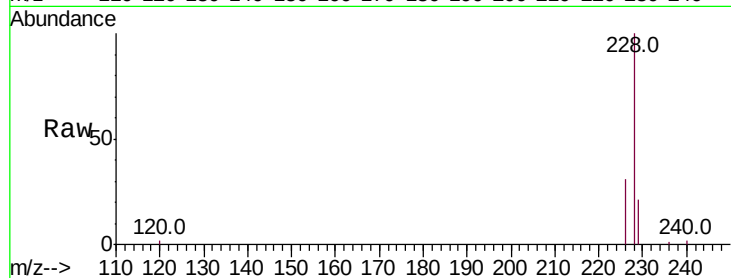
Tot Ion:228 Resp: 9065

Ion Ratio Lower Upper

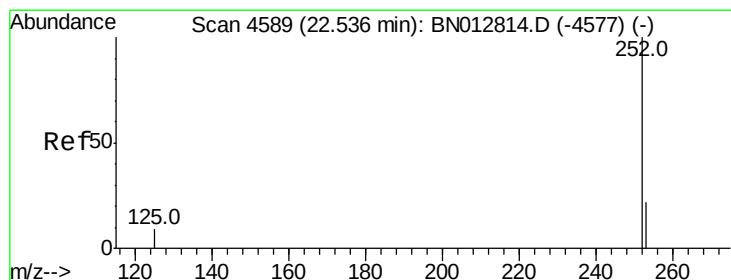
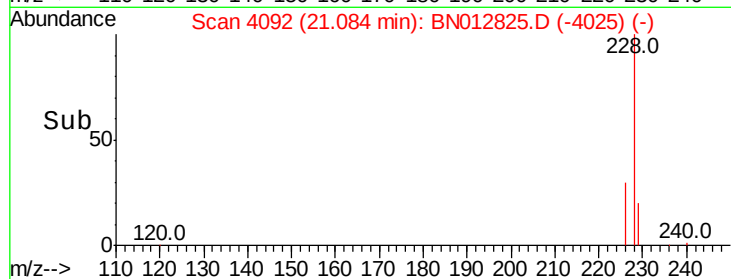
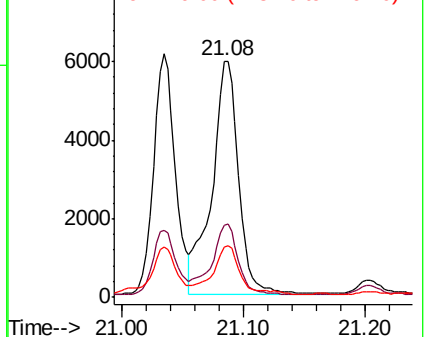
228 100

226 30.6 24.4 36.6

229 21.3 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: 1.026 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

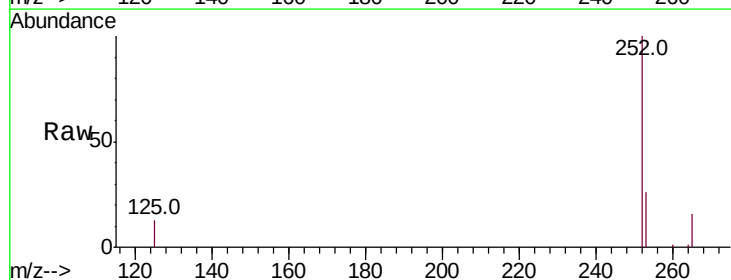
Tgt Ion:252 Resp: 17348

Ion Ratio Lower Upper

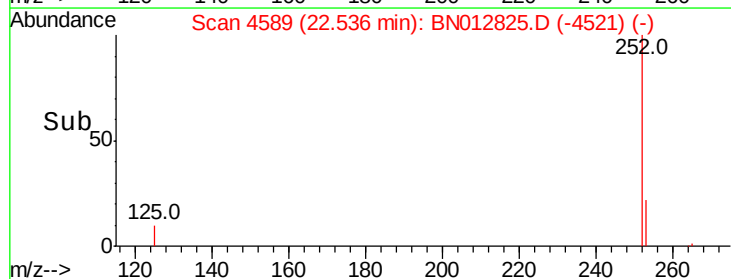
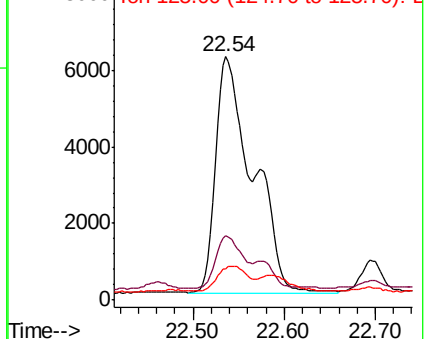
252 100

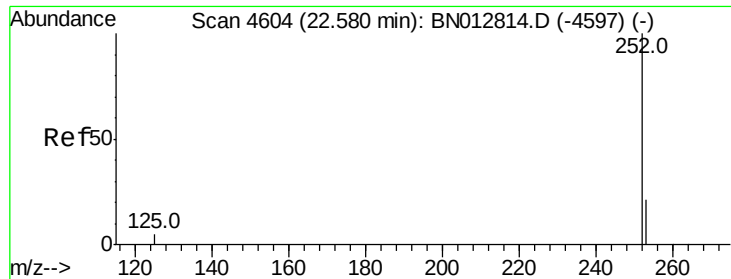
253 26.3 0.0 58.4

125 12.8 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: 0.890 ng/ul

RT: 22.54 min Scan# 4589

Delta R.T. -0.04 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19

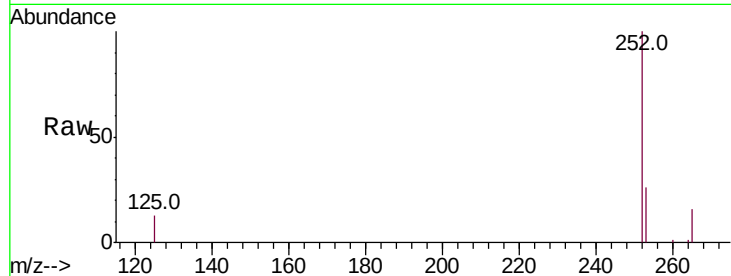
Tot Ion:252 Resp: 17348

Ion Ratio Lower Upper

252 100

253 26.3 23.4 35.2

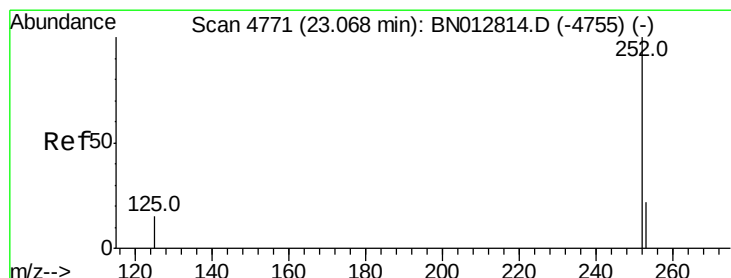
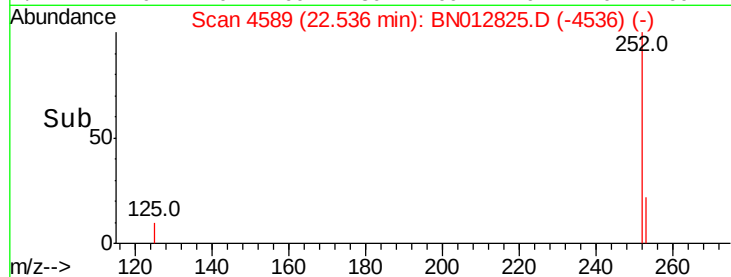
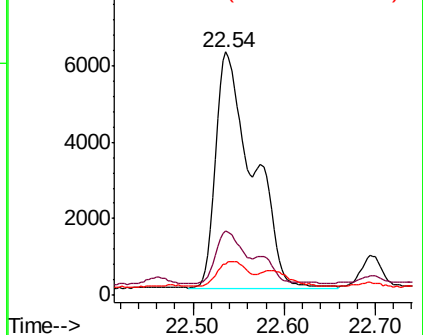
125 12.8 10.2 15.2



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: 0.532 ng/ul

RT: 23.07 min Scan# 4770

Delta R.T. -0.00 min

Lab File: BN012825.D

Acq: 02 Dec 2020 18:20

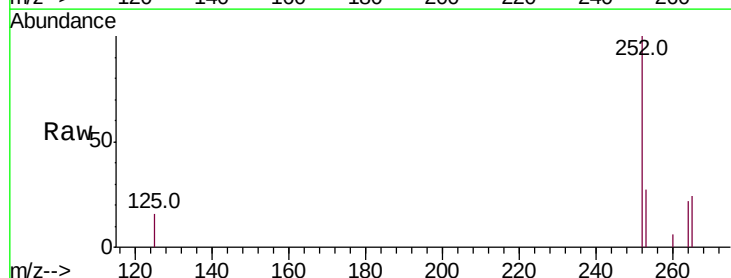
Tgt Ion:252 Resp: 8463

Ion Ratio Lower Upper

252 100

253 26.9 27.6 41.4#

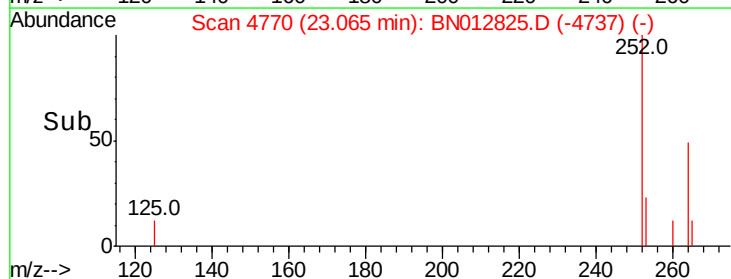
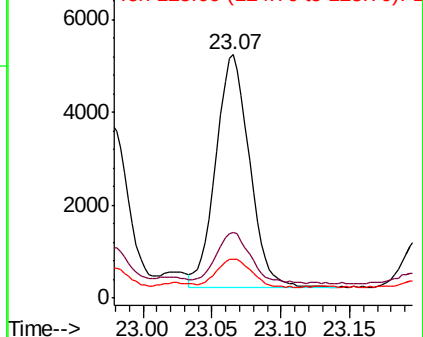
125 16.1 17.0 25.4#

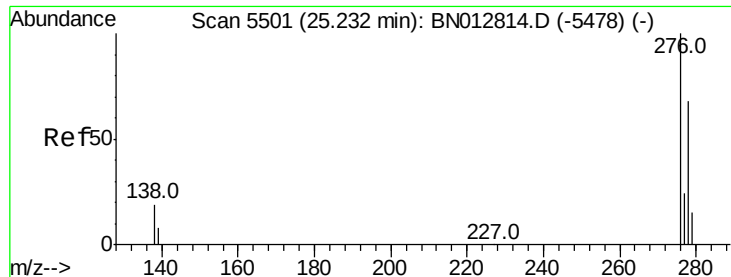


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



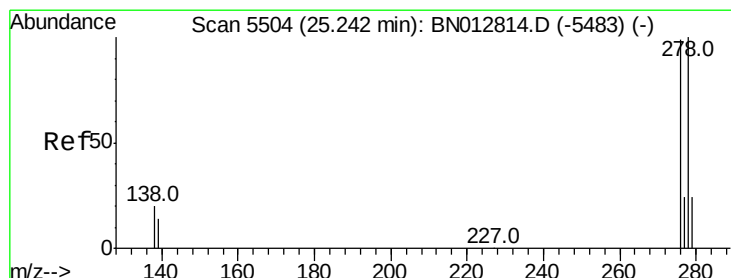
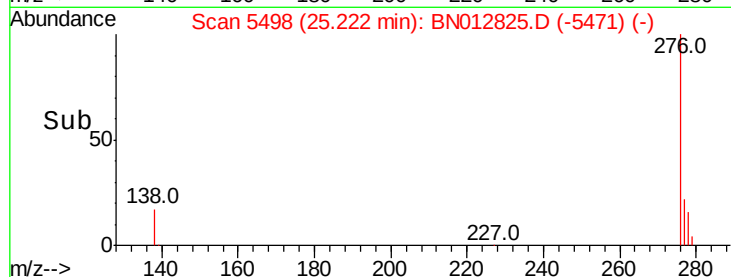
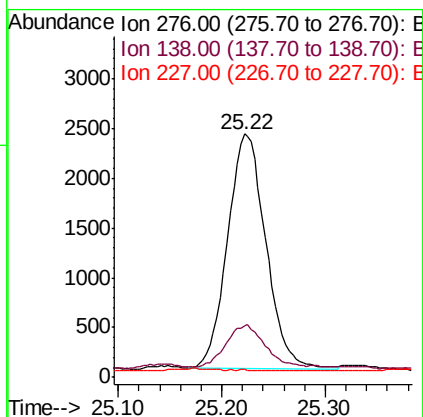
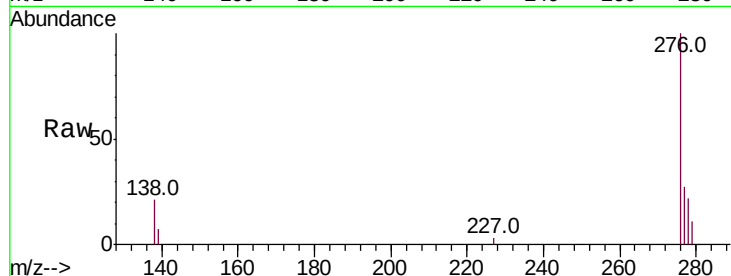


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.22 min Scan# 5498
Delta R.T. -0.01 min
Lab File: BN012825.D
Acq: 02 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0B19

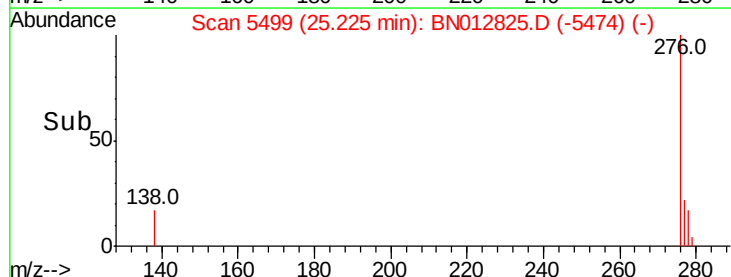
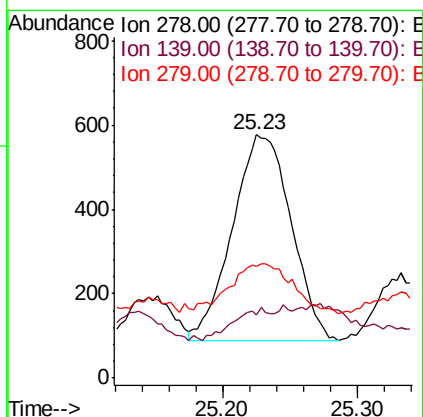
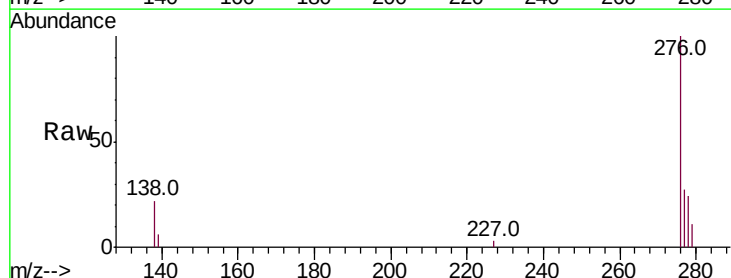
Tot Ion:276 Resp: 6049
Ion Ratio Lower Upper
276 100
138 18.6 16.5 24.7
227 0.0 0.1 0.1#

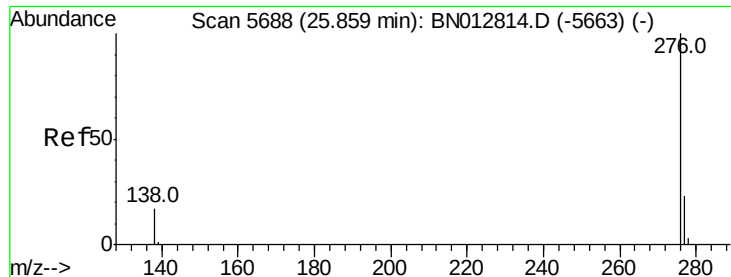


#25

Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.23 min Scan# 5499
Delta R.T. -0.02 min
Lab File: BN012825.D
Acq: 02 Dec 2020 18:20

Tgt Ion:278 Resp: 1471
Ion Ratio Lower Upper
278 100
139 26.2 13.8 20.8#
279 46.1 25.6 38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.303 ng/ul

RT: 25.85 min Scan# 5686

Delta R.T. -0.01 min

Lab File: BN012825.D

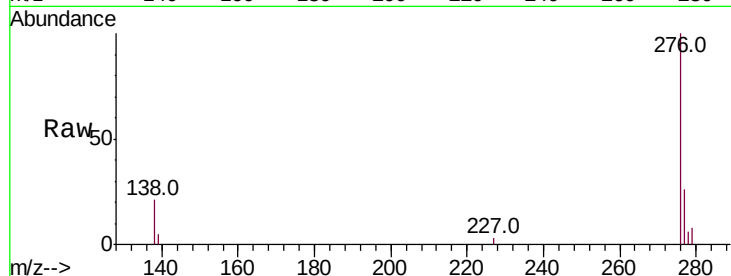
Acq: 02 Dec 2020 18:20

Instrument :

BNA_N

ClientSampleId :

C0B19



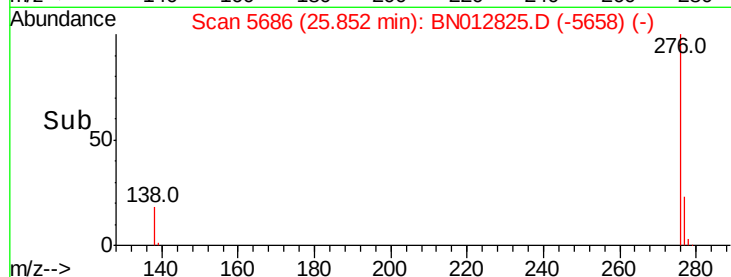
Tot Ion:276 Resp: 5680

Ion Ratio Lower Upper

276 100

138 21.4 16.3 24.5

277 26.5 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

