

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013026.D
 Acq On : 09 Dec 2020 23:45
 Operator : CG/JU
 Sample : L4941-19
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Quant Time: Dec 10 01:00:53 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 : Thu Dec 10 00:40:41 2020
 Response via : Initial Calibration

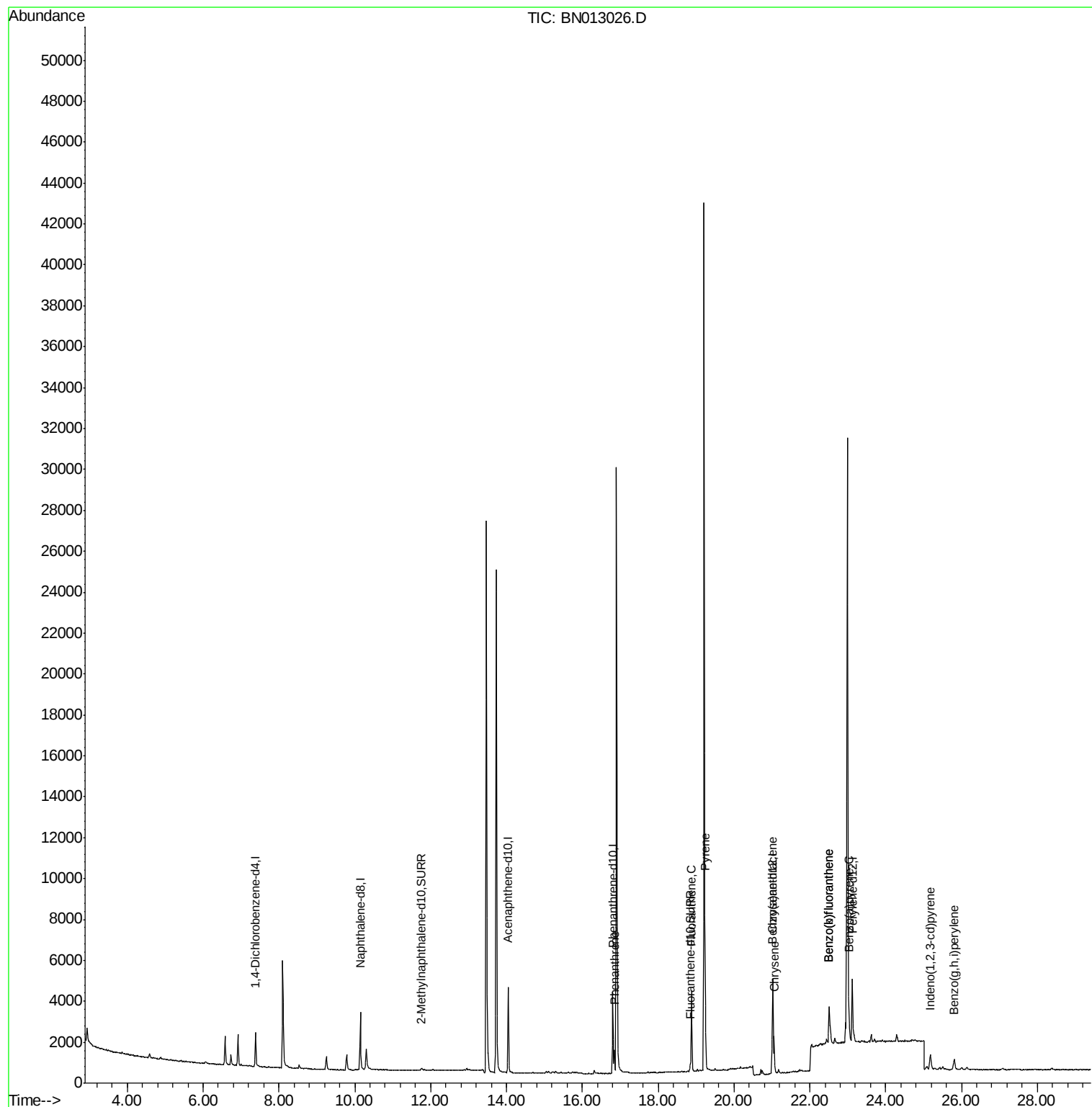
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	879	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.15	136	3817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2236	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4639	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3645	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3582	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	175	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	424	0.03	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	16.85	178	1178	0.076	ng/ul#	91
15) Fluoranthene	18.88	202	3511	0.190	ng/ul	96
17) Pyrene	19.24	202	3359	0.195	ng/ul#	92
18) Benzo(a)anthracene	21.01	228	1516	0.101	ng/ul#	93
19) Chrysene	21.06	228	1975	0.119	ng/ul#	93
21) Benzo(b)fluoranthene	22.51	252	3485	0.210	ng/ul#	69
22) Benzo(k)fluoranthene	22.51	252	3485	0.190	ng/ul#	69
23) Benzo(a)pyrene	23.03	252	1602	0.104	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.18	276	1116	0.055	ng/ul#	98
26) Benzo(g,h,i)perylene	25.80	276	1057	0.058	ng/ul#	73

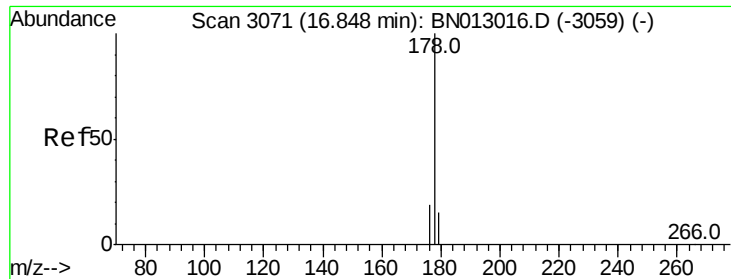
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.076 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B52

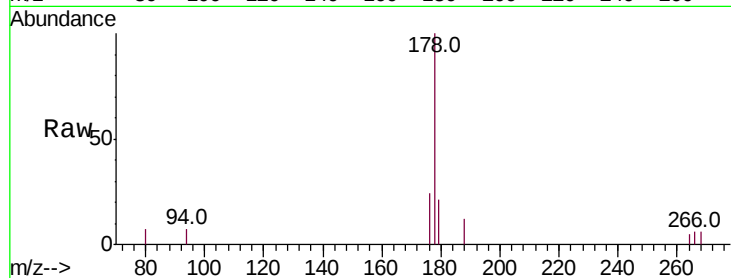
Tot Ion:178 Resp: 1178

Ion Ratio Lower Upper

178 100

179 20.9 13.6 20.4#

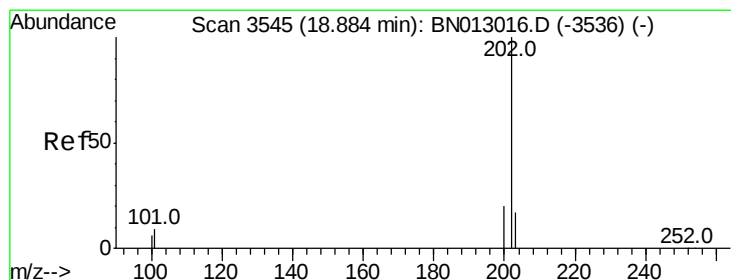
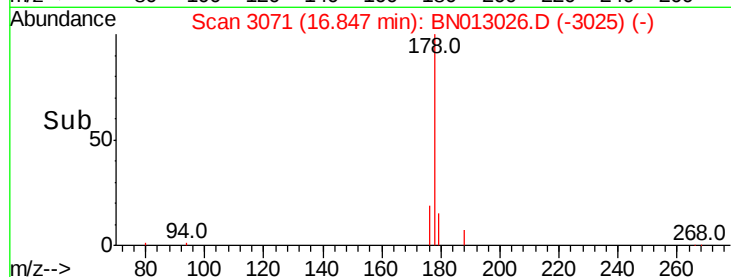
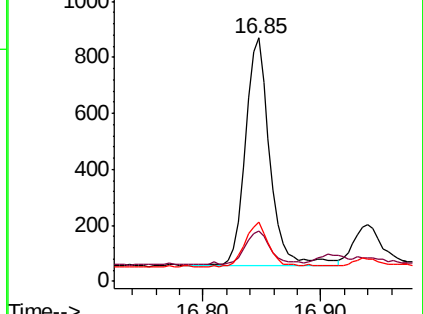
176 24.4 16.4 24.6



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: 0.190 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

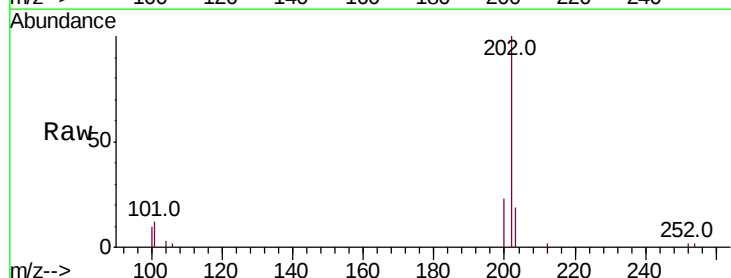
Tgt Ion:202 Resp: 3511

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.6

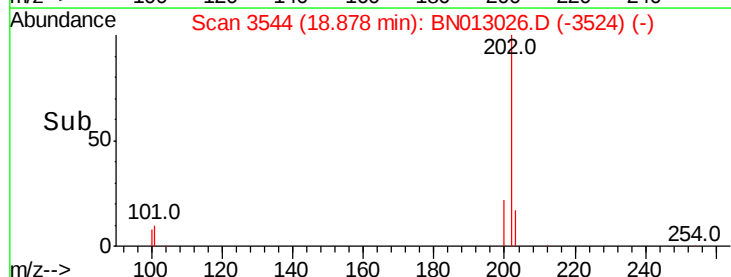
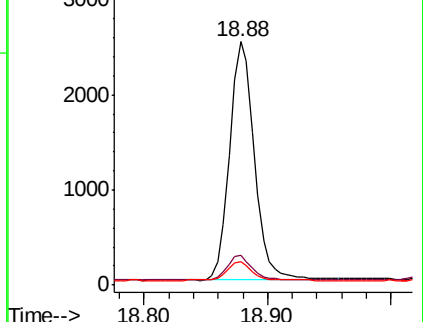
100 9.6 0.0 28.7

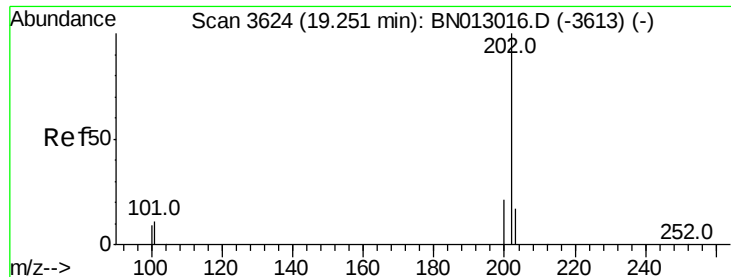


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.195 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B52

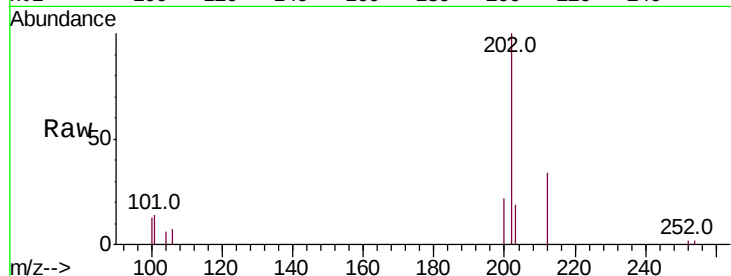
Tot Ion:202 Resp: 3359

Ion Ratio Lower Upper

202 100

101 13.7 9.1 13.7

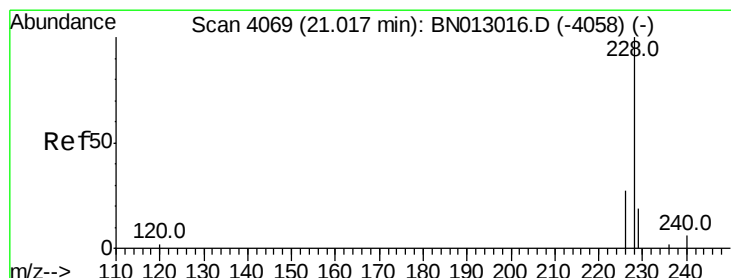
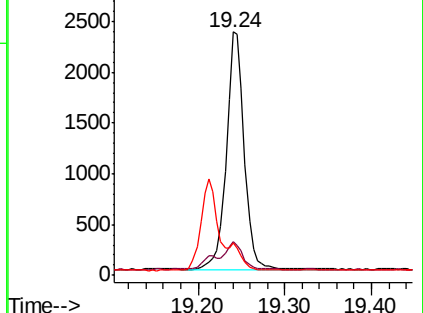
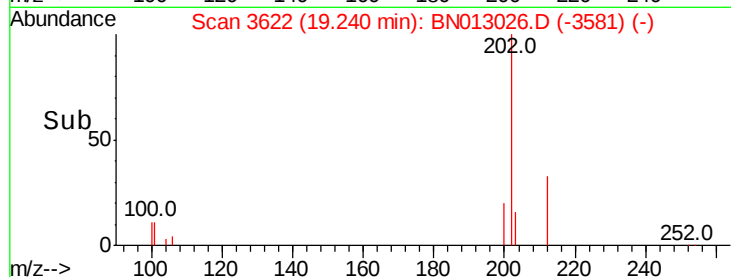
100 13.1 7.5 11.3#



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: 0.101 ng/ul

RT: 21.01 min Scan# 4067

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

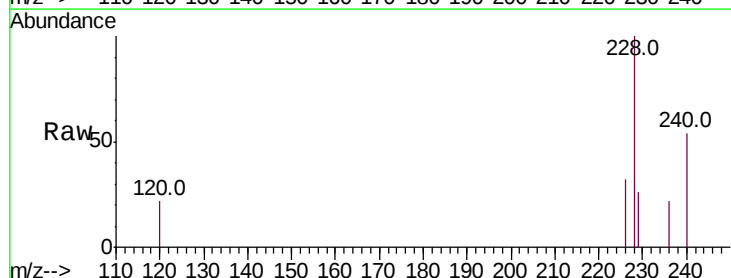
Tgt Ion:228 Resp: 1516

Ion Ratio Lower Upper

228 100

229 25.6 16.3 24.5#

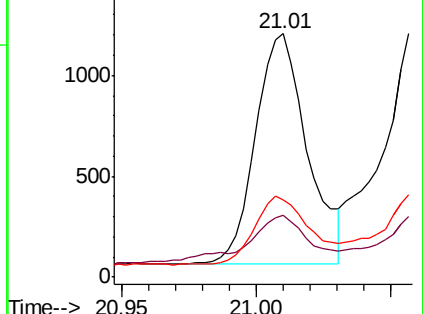
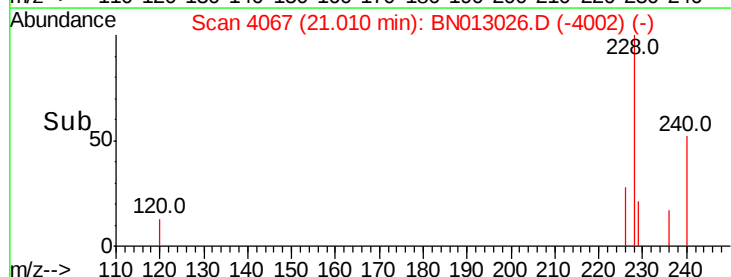
226 31.8 23.4 35.2

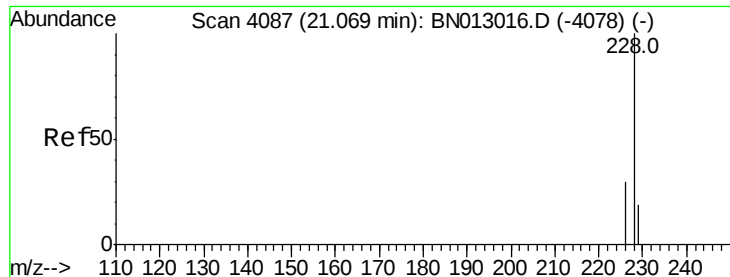


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.119 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B52

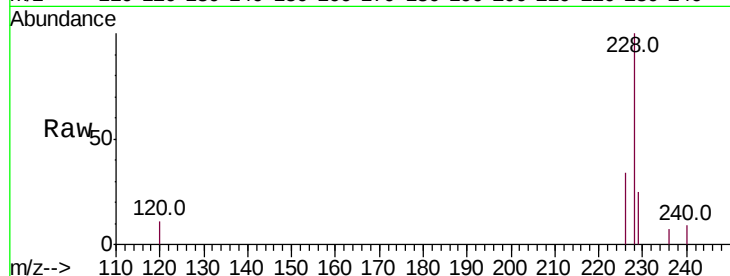
Tot Ion:228 Resp: 1975

Ion Ratio Lower Upper

228 100

226 33.7 25.0 37.6

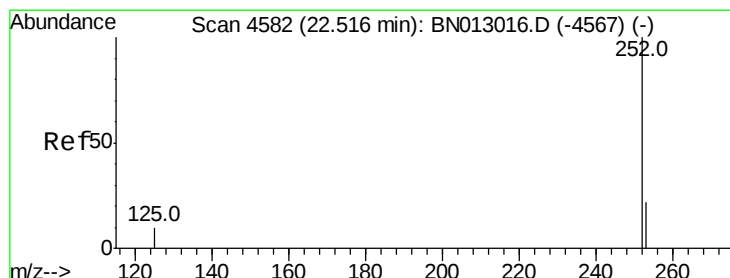
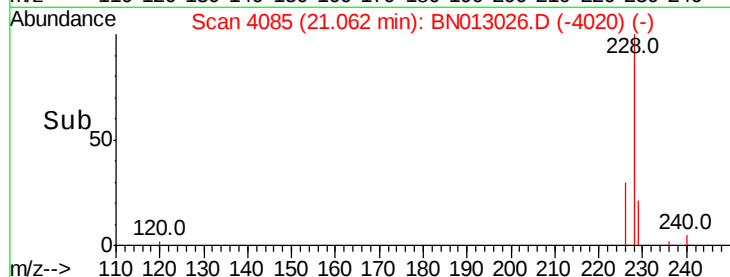
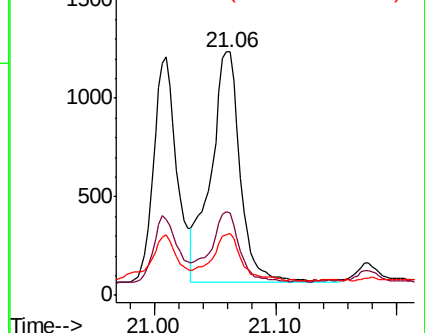
229 25.4 16.4 24.6#



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: 0.210 ng/ul

RT: 22.51 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

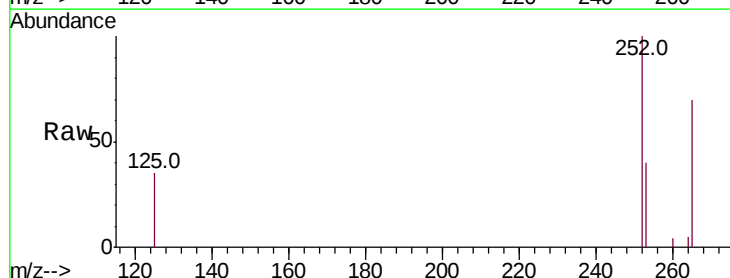
Tgt Ion:252 Resp: 3485

Ion Ratio Lower Upper

252 100

253 40.4 0.0 59.6

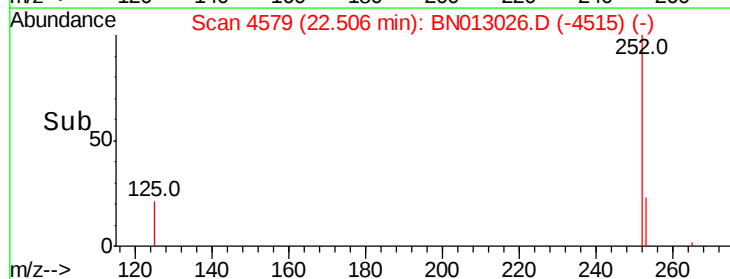
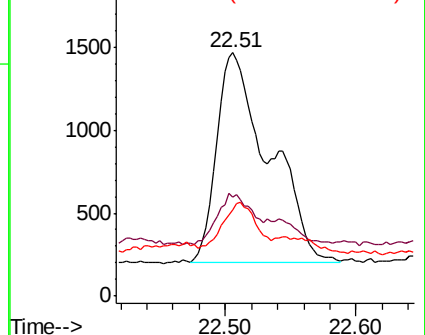
125 35.5 0.0 26.0#

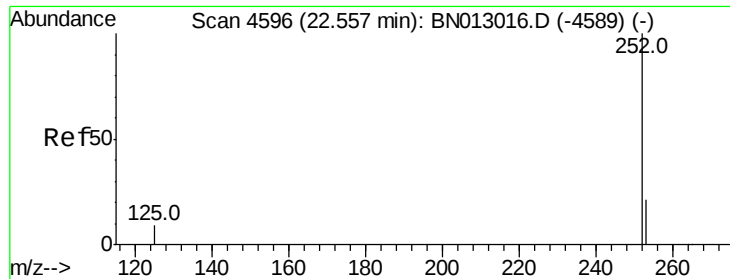


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.190 ng/ul

RT: 22.51 min Scan# 4579

Delta R.T. -0.05 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

ClientSampleId :

C0B52

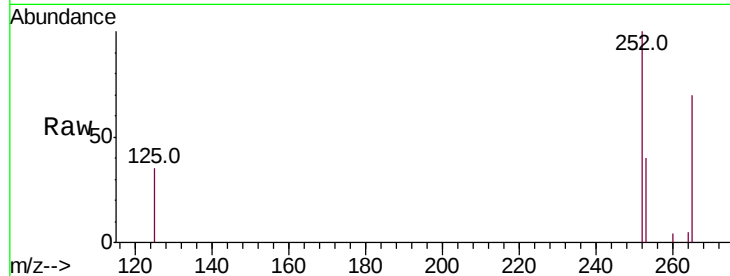
Tot Ion:252 Resp: 3485

Ion Ratio Lower Upper

252 100

253 40.4 23.4 35.2#

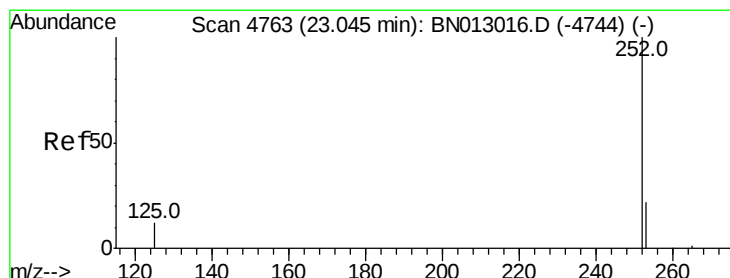
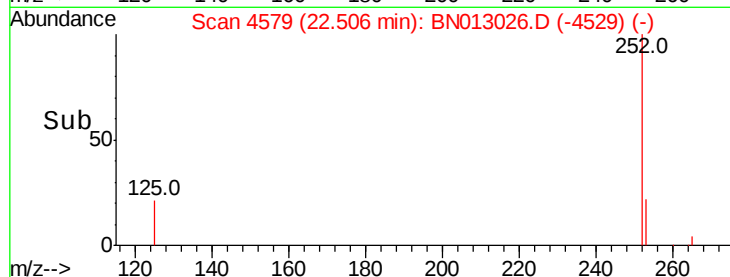
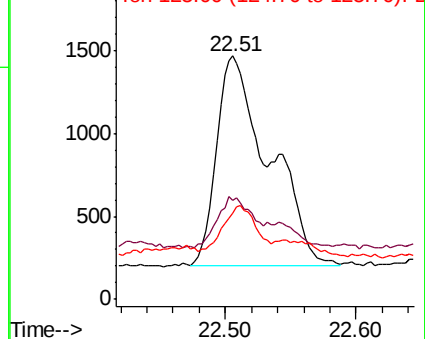
125 35.5 11.1 16.7#



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: 0.104 ng/ul

RT: 23.03 min Scan# 4758

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

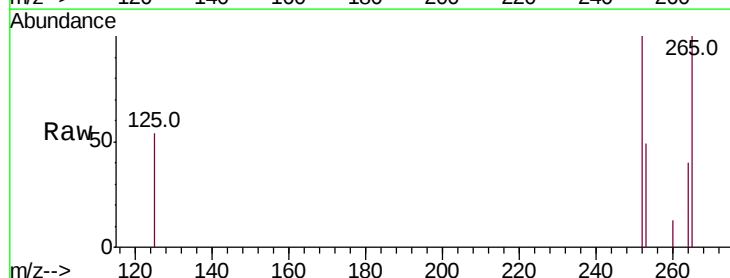
Tgt Ion:252 Resp: 1602

Ion Ratio Lower Upper

252 100

253 48.8 26.5 39.7#

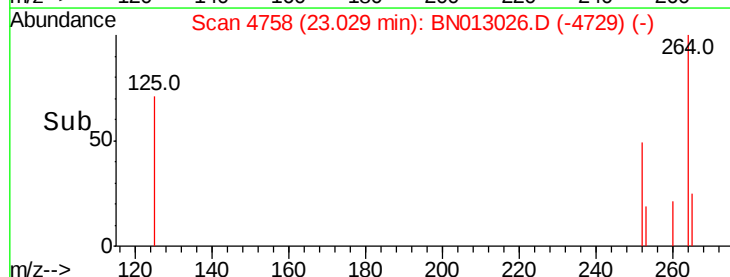
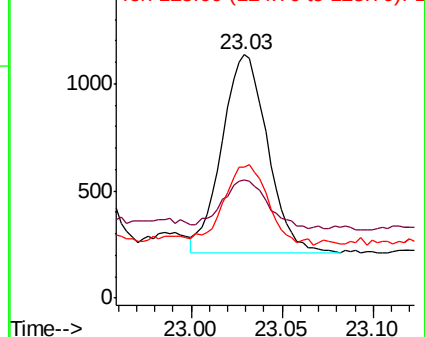
125 53.9 14.2 21.2#

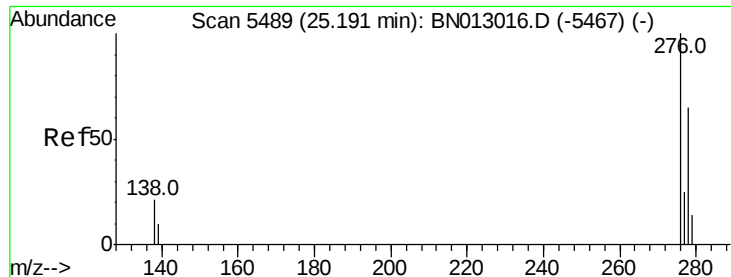


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.055 ng/ul

RT: 25.18 min Scan# 5485

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

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C0B52

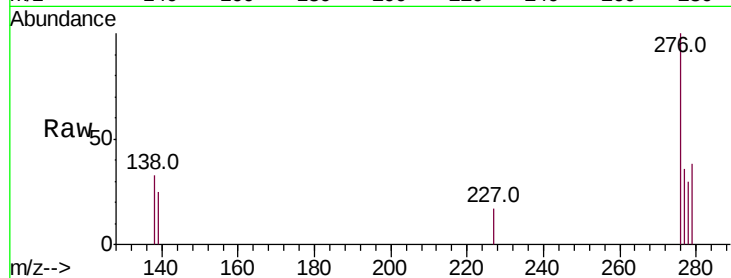
Tot Ion:276 Resp: 1116

Ion Ratio Lower Upper

276 100

138 19.1 16.2 24.2

227 0.4 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

25.18

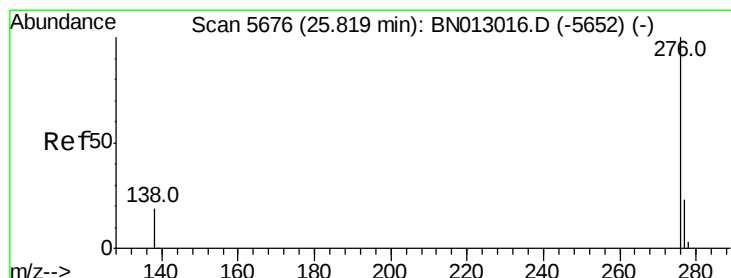
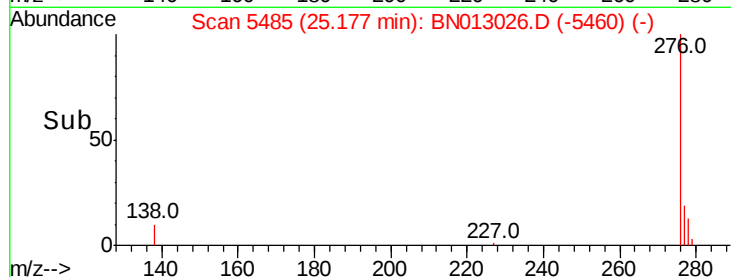
400

200

0

25.10 25.20

Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.058 ng/ul

RT: 25.80 min Scan# 5672

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

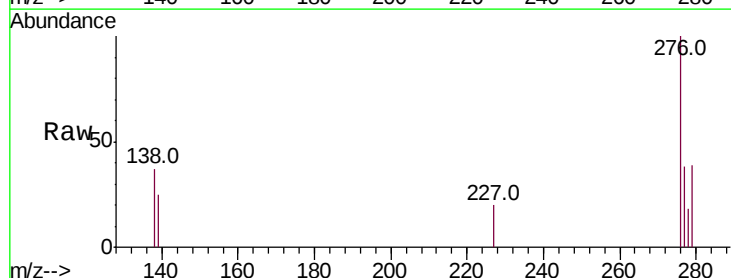
Tgt Ion:276 Resp: 1057

Ion Ratio Lower Upper

276 100

138 36.9 16.3 24.5#

277 37.8 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

25.80

500

400

300

200

100

0

25.70 25.80 25.90 26.00

Time-->

