

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
 Data File : BN013228.D
 Acq On : 19 Dec 2020 15:57
 Operator : CG/JU
 Sample : L5151-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE7

Quant Time: Dec 21 01:20:06 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

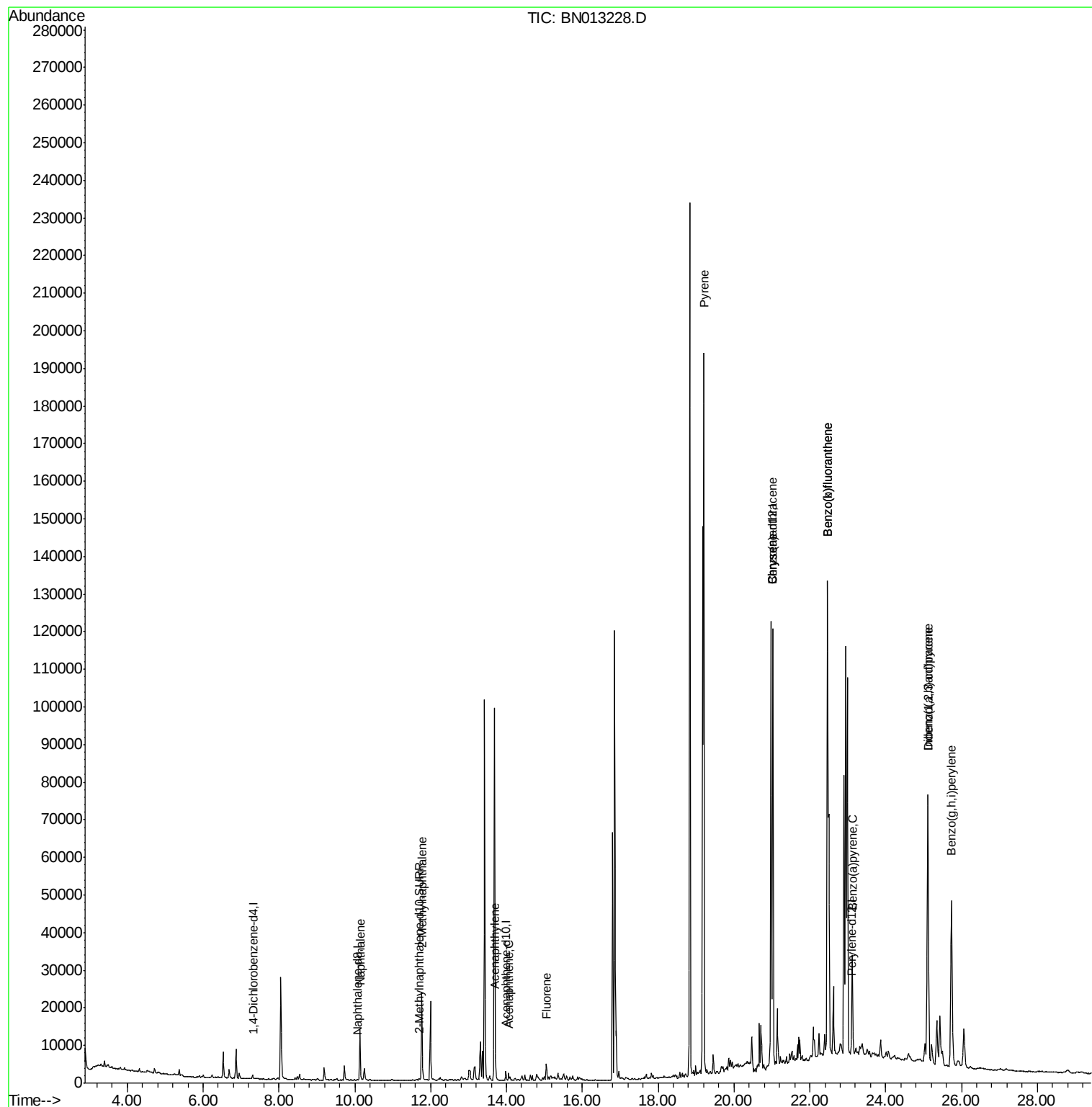
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	10	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.09	136	635	0.40	ng/ul	-0.02
6) Acenaphthene-d10	13.99	164	174	0.40	ng/ul	-0.02
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.78
16) Chrysene-d12	21.02	240	149	0.40	ng/ul	0.02
20) Perylene-d12	23.09	264	67	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	736	0.78	ng/ul	-0.03
14) Fluoranthene-d10	18.80	212	1560	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.14	128	17768	9.670	ng/ul#	91
5) 2-Methylnaphthalene	11.77	142	17675	14.643	ng/ul	98
7) Acenaphthylene	13.71	152	4489	5.451	ng/ul#	95
8) Acenaphthene	14.06	153	1335	1.976	ng/ul	94
9) Fluorene	15.06	166	1896	2.446	ng/ul#	84
17) Pyrene	19.20	202	155091	220.366	ng/ul	100
18) Benzo(a)anthracene	21.02	228	109528	177.672	ng/ul	96
19) Chrysene	21.02	228	109560	160.853	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	242382	781.975	ng/ul	95
22) Benzo(k)fluoranthene	22.47	252	242382	707.460	ng/ul	95
23) Benzo(a)pyrene	23.12	252	30371	105.598	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.11	276	100688	266.517	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.12	278	24073	80.563	ng/ul#	95
26) Benzo(g,h,i)perylene	25.73	276	85510	250.229	ng/ul	97

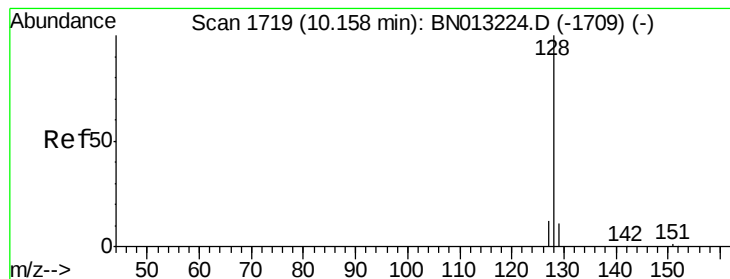
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 21 00:52:14 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 9.670 ng/ul

RT: 10.14 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

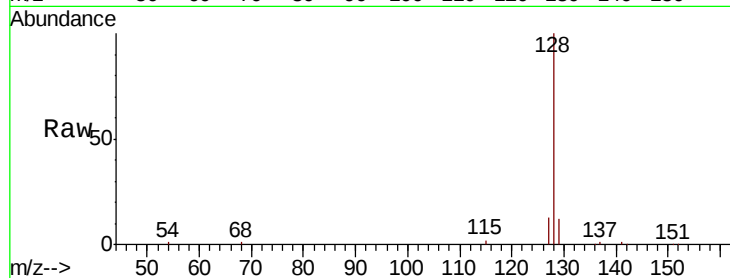
Tot Ion:128 Resp: 17768

Ion Ratio Lower Upper

128 100

129 11.7 12.3 18.5#

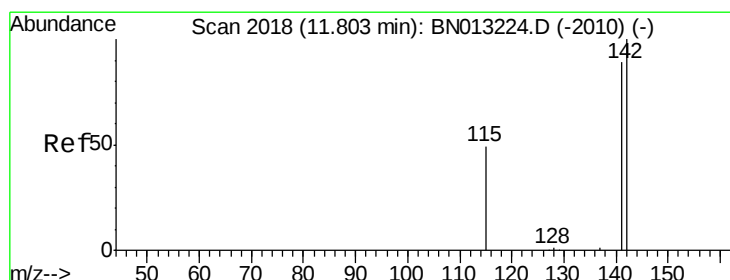
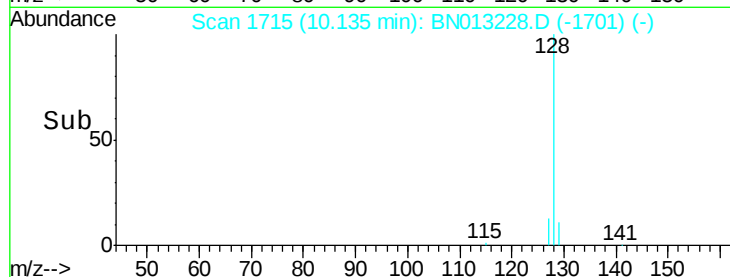
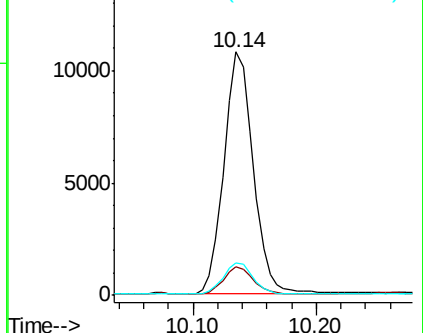
127 13.5 14.2 21.4#



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: 14.643 ng/ul

RT: 11.77 min Scan# 2012

Delta R.T. -0.03 min

Lab File: BN013228.D

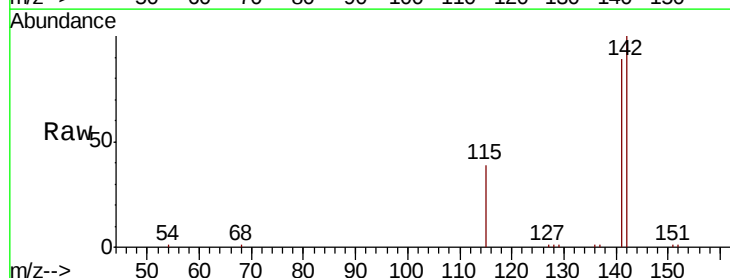
Acq: 19 Dec 2020 15:57

Tgt Ion:142 Resp: 17675

Ion Ratio Lower Upper

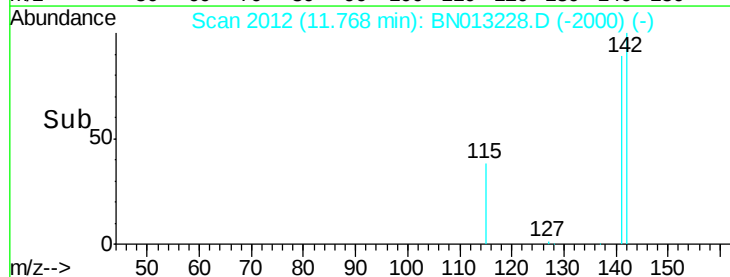
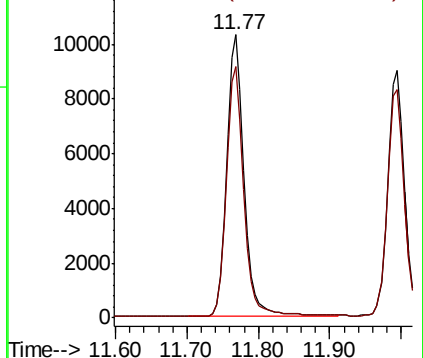
142 100

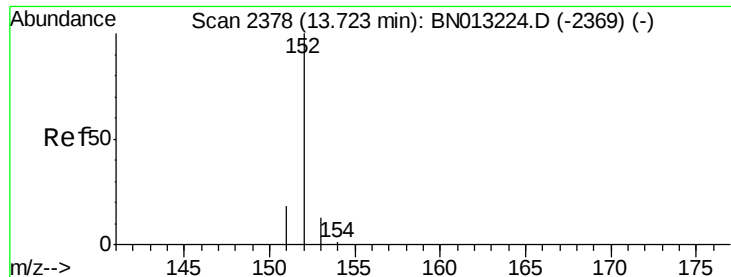
141 89.8 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 5.451 ng/ul

RT: 13.71 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

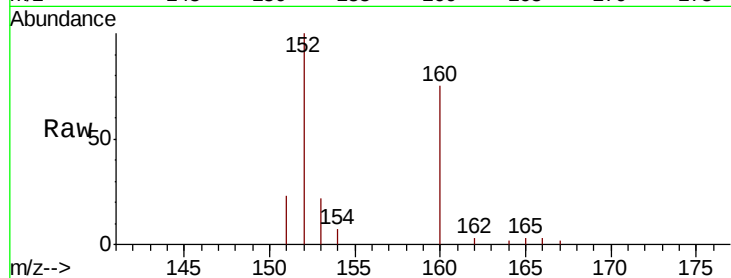
Tot Ion:152 Resp: 4489

Ion Ratio Lower Upper

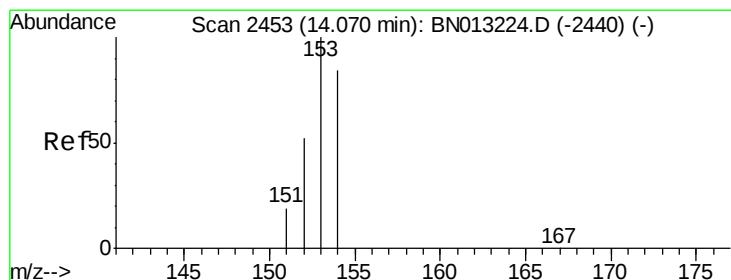
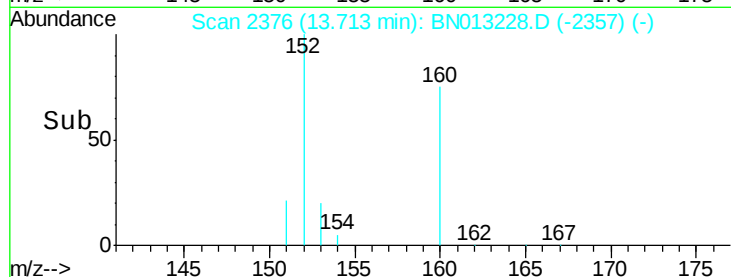
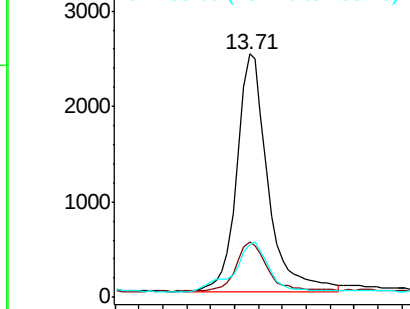
152 100

151 22.7 18.2 27.4

153 21.8 13.1 19.7#



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



#8

Acenaphthene

Concen: 1.976 ng/ul

RT: 14.06 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

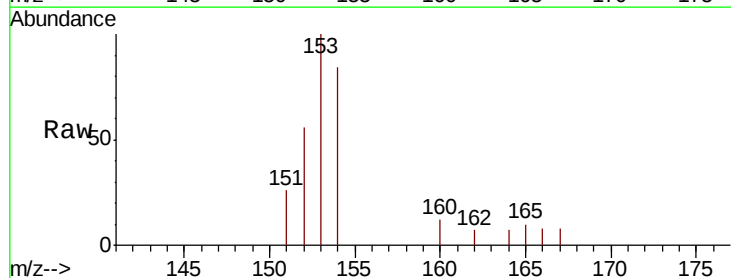
Tgt Ion:153 Resp: 1335

Ion Ratio Lower Upper

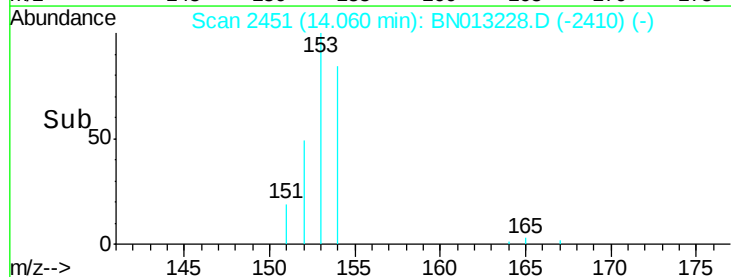
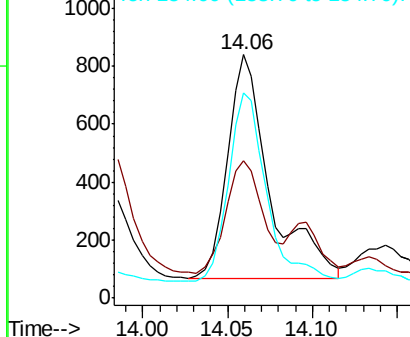
153 100

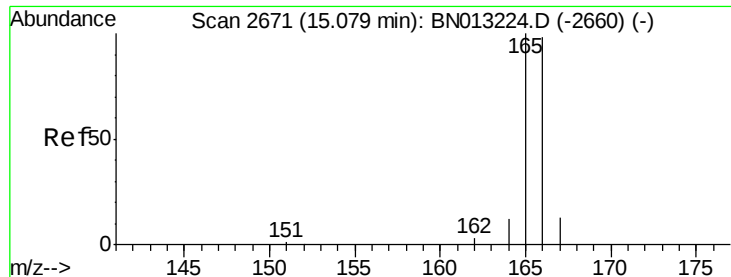
152 56.2 40.7 61.1

154 84.3 70.8 106.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.446 ng/ul

RT: 15.06 min Scan# 2667

Delta R.T. -0.02 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

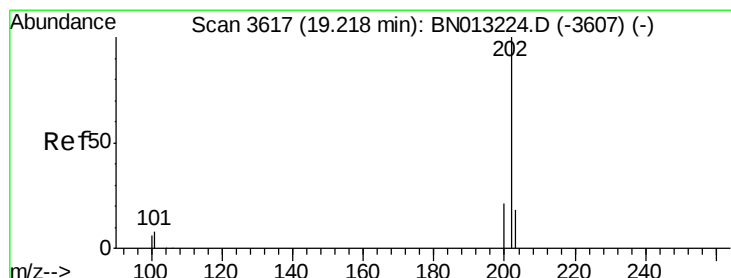
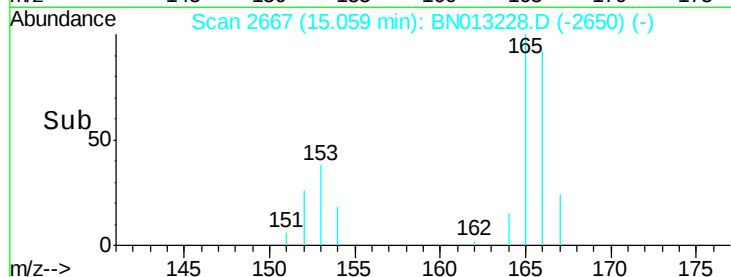
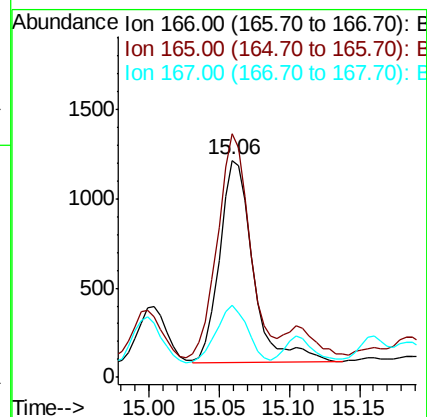
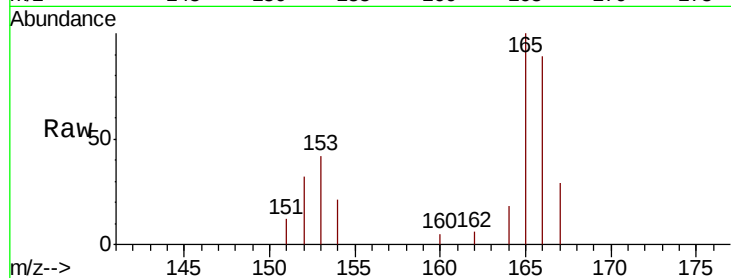
Tot Ion:166 Resp: 1896

Ion Ratio Lower Upper

166 100

165 112.1 79.8 119.8

167 32.9 13.8 20.8#



#17

Pyrene

Concen: 220.366 ng/ul

RT: 19.20 min Scan# 3614

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

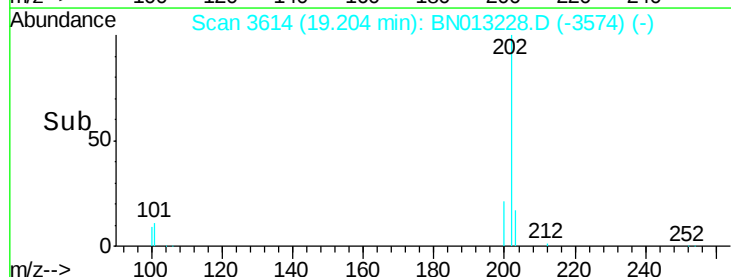
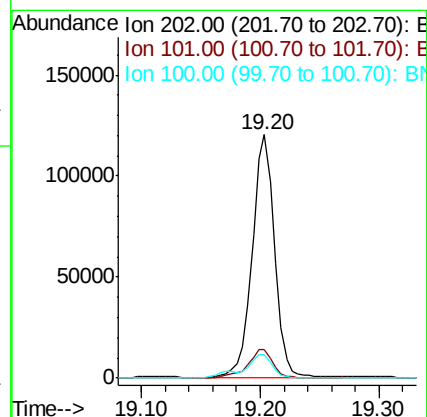
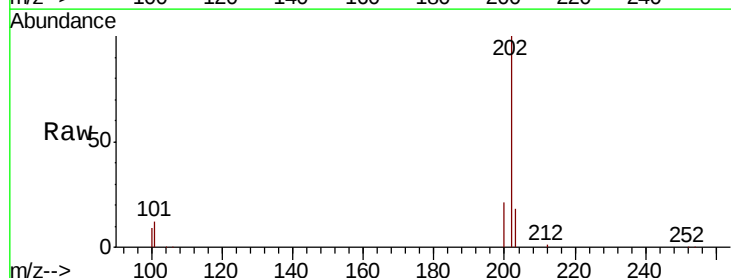
Tgt Ion:202 Resp: 155091

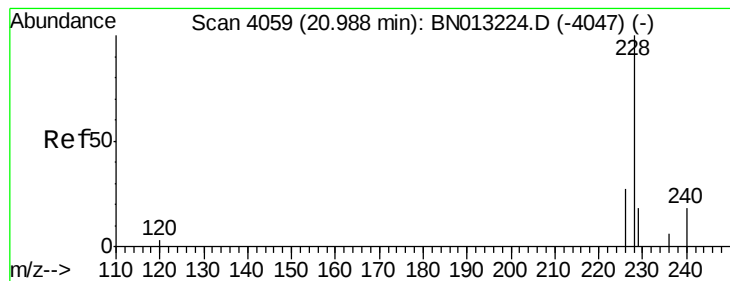
Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

100 9.4 7.5 11.3





#18

Benzo(a)anthracene

Concen: 177.672 ng/ul

RT: 21.02 min Scan# 4072

Delta R.T. 0.04 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

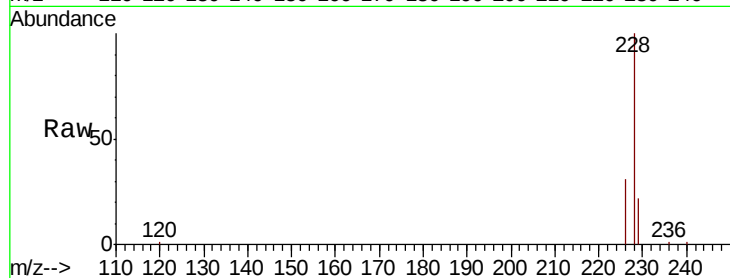
Tot Ion:228 Resp: 109528

Ion Ratio Lower Upper

228 100

229 22.3 16.3 24.5

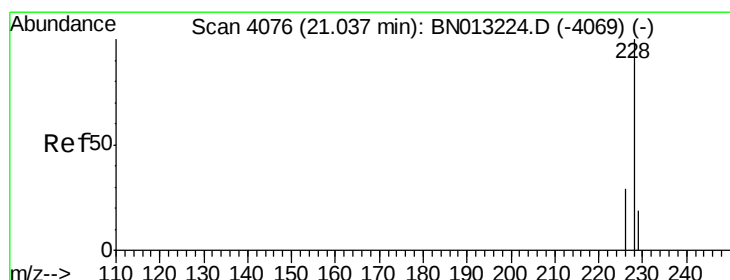
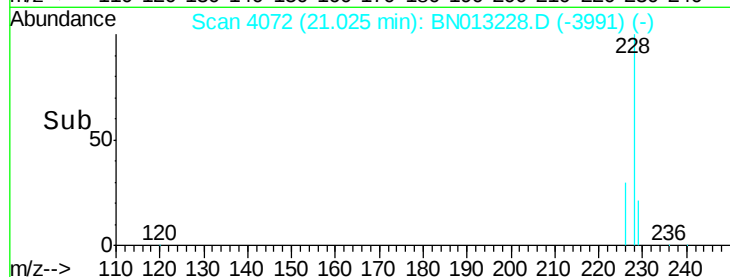
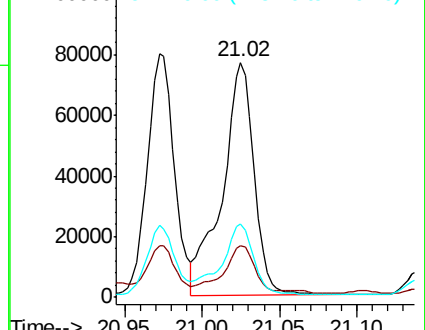
226 31.4 23.4 35.2



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: 160.853 ng/ul

RT: 21.02 min Scan# 4072

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

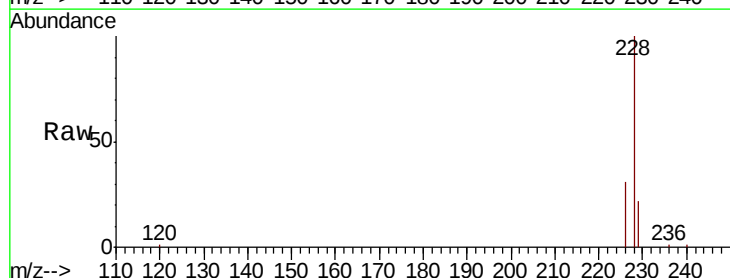
Tgt Ion:228 Resp: 109560

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

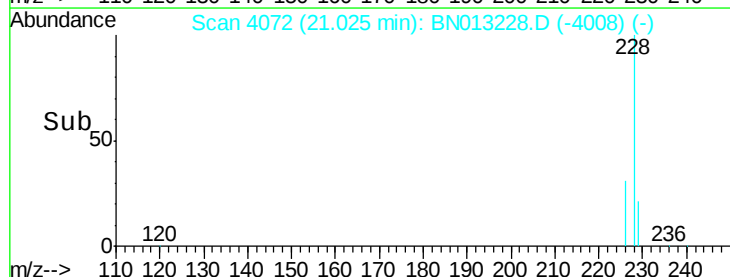
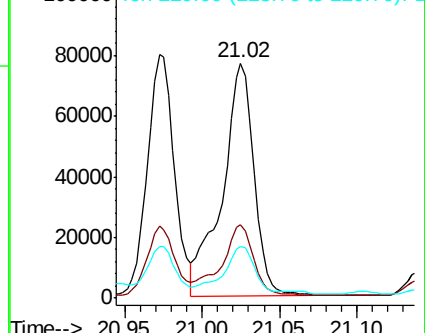
229 22.3 16.4 24.6

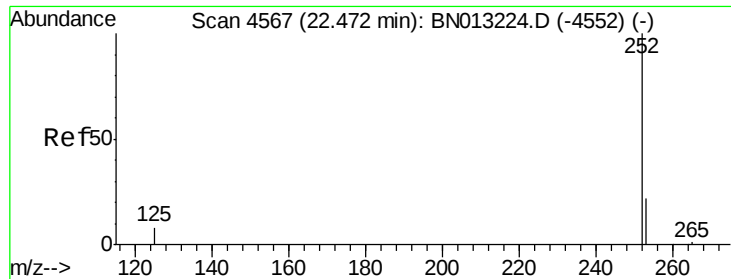


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 781.975 ng/ul

RT: 22.47 min Scan# 4565

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

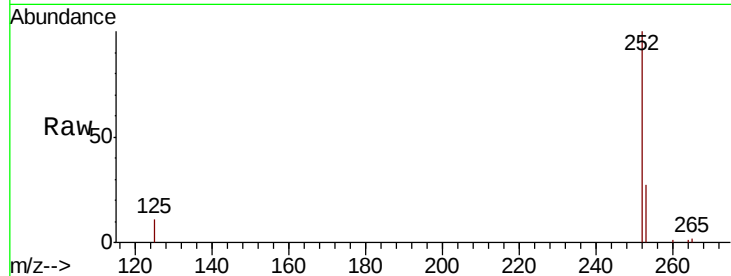
Tot Ion:252 Resp: 242382

Ion Ratio Lower Upper

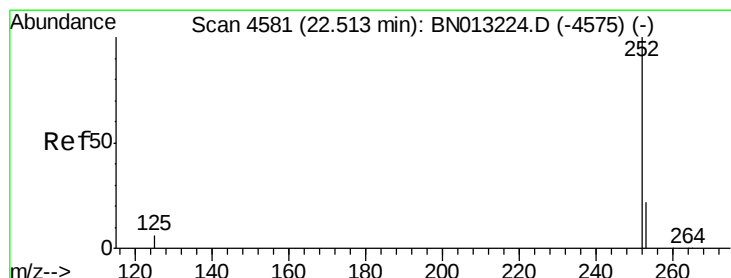
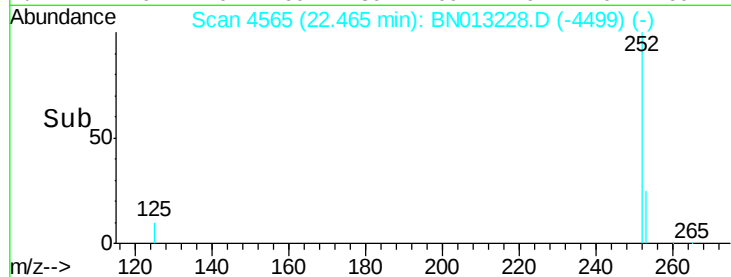
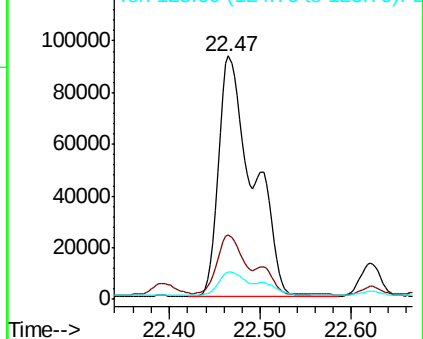
252 100

253 26.7 0.0 59.6

125 11.3 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: 707.460 ng/ul

RT: 22.47 min Scan# 4565

Delta R.T. -0.05 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

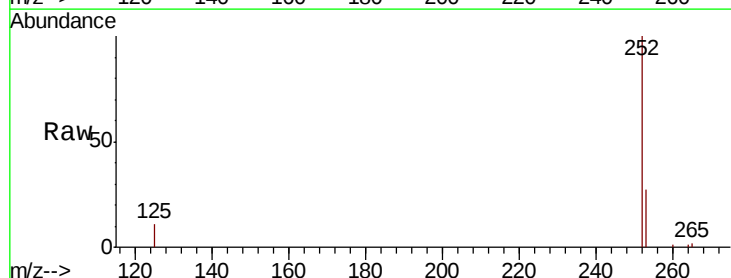
Tgt Ion:252 Resp: 242382

Ion Ratio Lower Upper

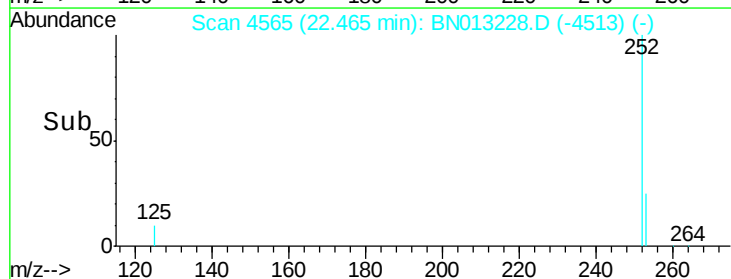
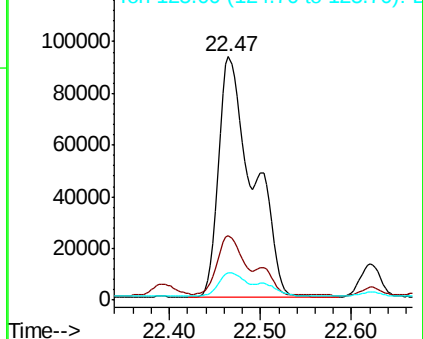
252 100

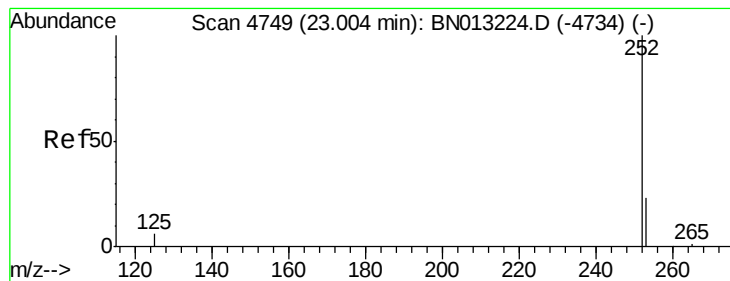
253 26.7 23.4 35.2

125 11.3 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: 105.598 ng/u1

RT: 23.12 min Scan# 4789

Delta R.T. 0.12 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

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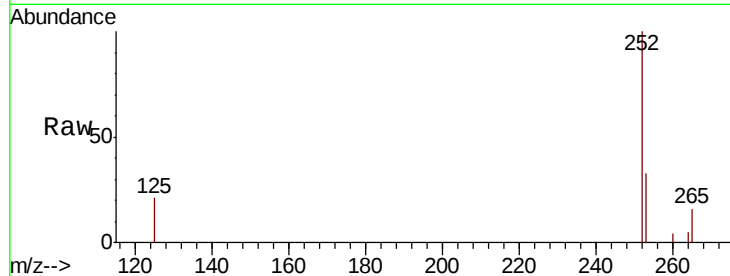
Tot Ion:252 Resp: 30371

Ion Ratio Lower Upper

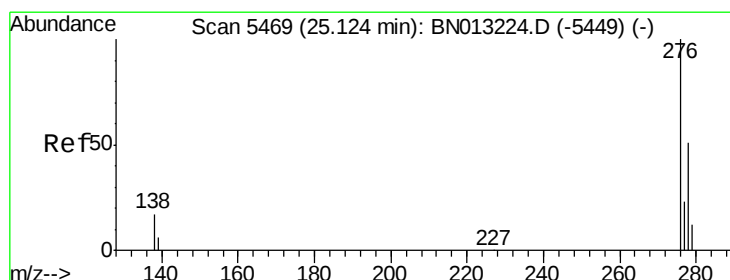
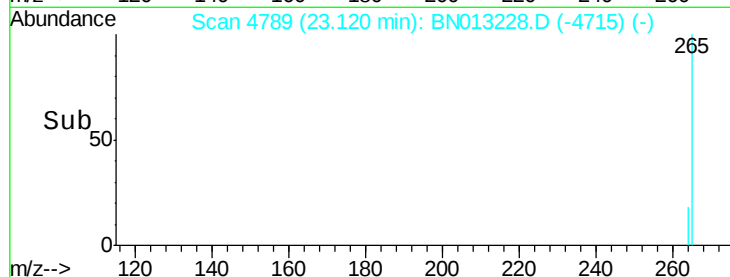
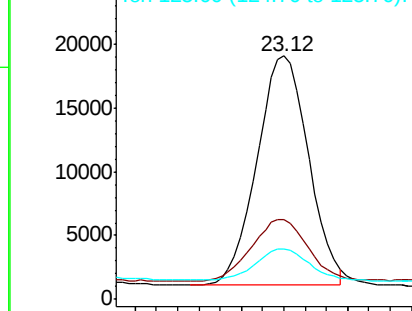
252 100

253 32.7 26.5 39.7

125 20.8 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: 266.517 ng/u1

RT: 25.11 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

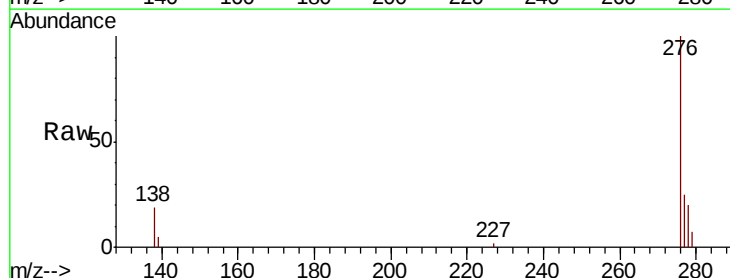
Tgt Ion:276 Resp: 100688

Ion Ratio Lower Upper

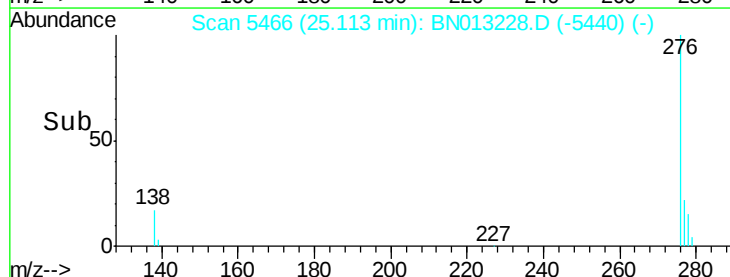
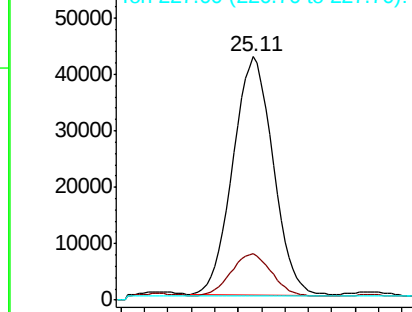
276 100

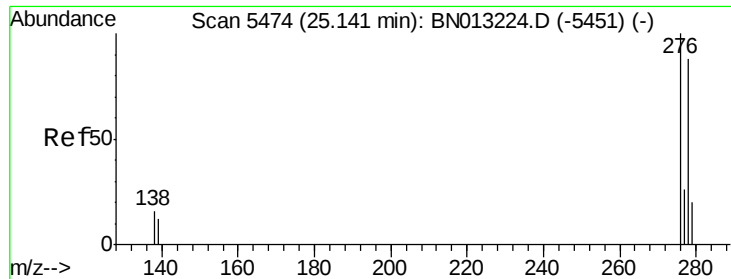
138 18.4 16.2 24.2

227 0.1 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: 80.563 ng/u1

RT: 25.12 min Scan# 5467

Delta R.T. -0.02 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

Instrument :

BNA_N

ClientSampleId :

C0AE7

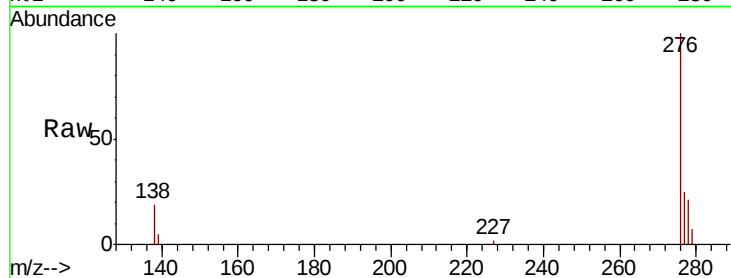
Tot Ion:278 Resp: 24073

Ion Ratio Lower Upper

278 100

139 23.6 14.5 21.7#

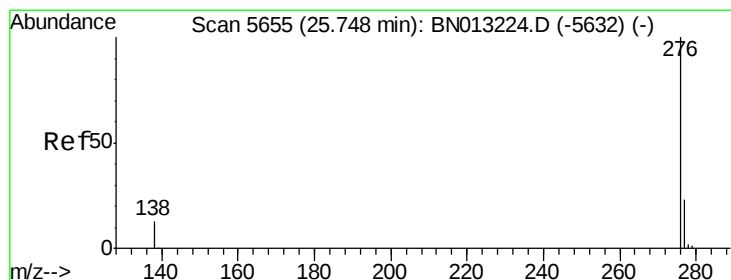
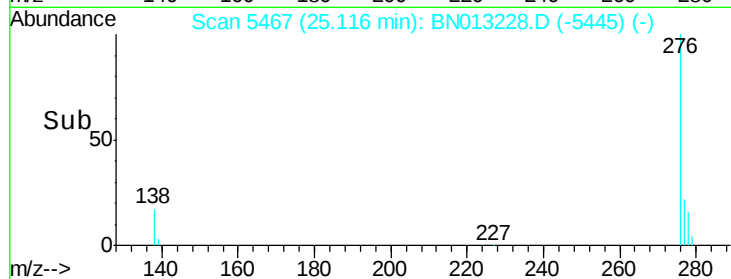
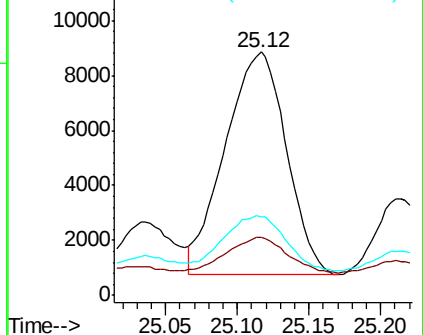
279 32.3 26.3 39.5



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



#26

Benzo(g,h,i)perylene

Concen: 250.229 ng/u1

RT: 25.73 min Scan# 5650

Delta R.T. -0.02 min

Lab File: BN013228.D

Acq: 19 Dec 2020 15:57

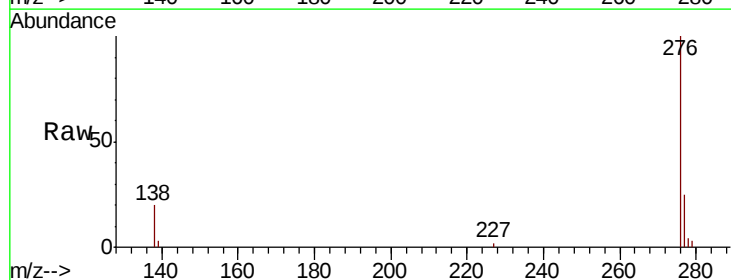
Tgt Ion:276 Resp: 85510

Ion Ratio Lower Upper

276 100

138 19.6 16.3 24.5

277 24.9 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

