

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013018.D
 Acq On : 09 Dec 2020 18:56
 Operator : CG/JU
 Sample : L4941-05
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY4

Quant Time: Dec 10 01:00:08 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

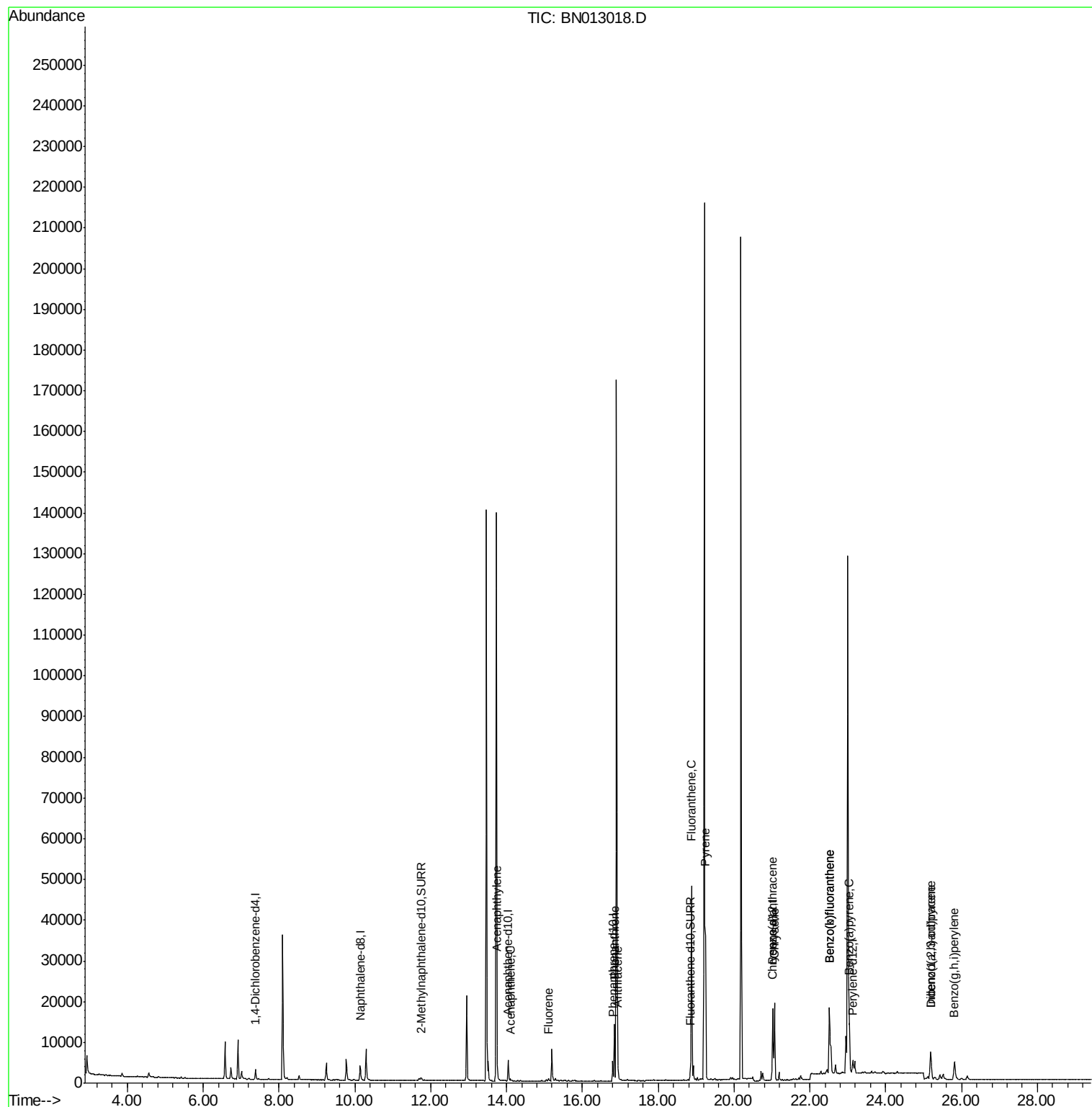
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1178	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4812	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2679	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5535	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4032	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3619	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	958	0.13	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2184	0.14	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	812	0.064	ng/ul#	90
8) Acenaphthene	14.11	153	294	0.028	ng/ul	94
9) Fluorene	15.11	166	388	0.033	ng/ul#	94
12) Phenanthrene	16.85	178	14285	0.770	ng/ul	97
13) Anthracene	16.94	178	1543	0.098	ng/ul	96
15) Fluoranthene	18.88	202	39038	1.770	ng/ul	99
17) Pyrene	19.25	202	32882	1.727	ng/ul	98
18) Benzo(a)anthracene	21.02	228	13641	0.818	ng/ul	99
19) Chrysene	21.07	228	18218	0.988	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	32172	1.922	ng/ul	92
22) Benzo(k)fluoranthene	22.52	252	32172	1.738	ng/ul	94
23) Benzo(a)pyrene	23.04	252	14659	0.944	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	10052	0.493	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	2423	0.150	ng/ul#	77
26) Benzo(g,h,i)perylene	25.82	276	8636	0.468	ng/ul	98

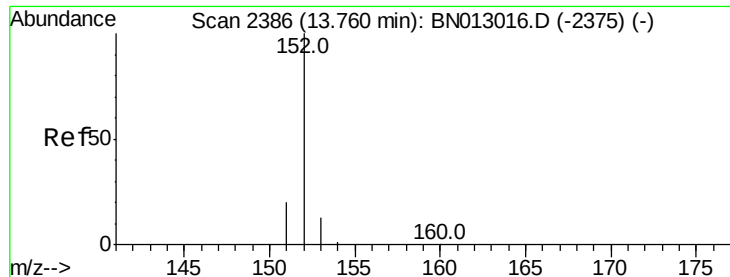
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

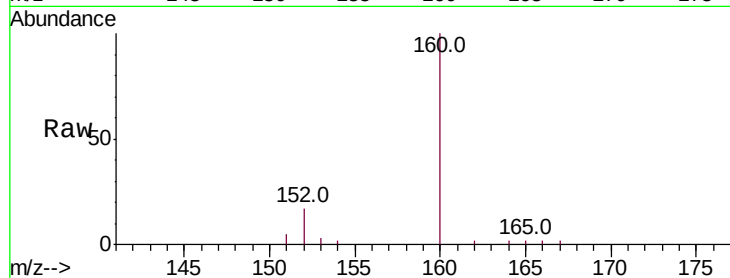
Tot Ion:152 Resp: 812

Ion Ratio Lower Upper

152 100

151 27.2 18.2 27.4

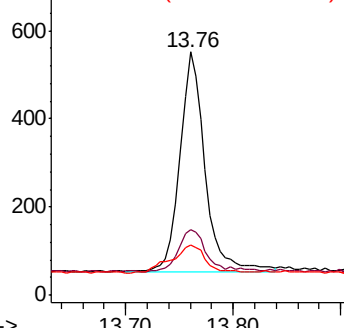
153 20.8 13.1 19.7#



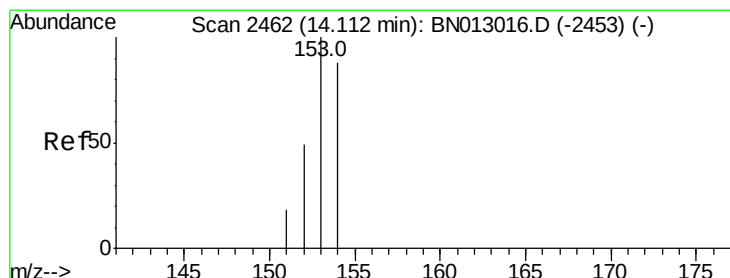
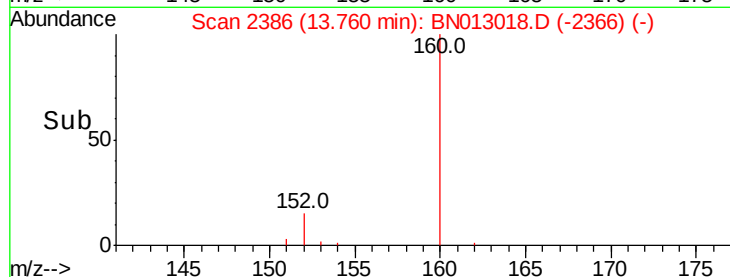
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.11 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

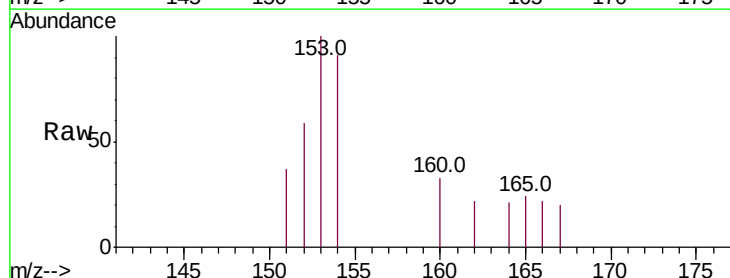
Tgt Ion:153 Resp: 294

Ion Ratio Lower Upper

153 100

152 58.7 40.7 61.1

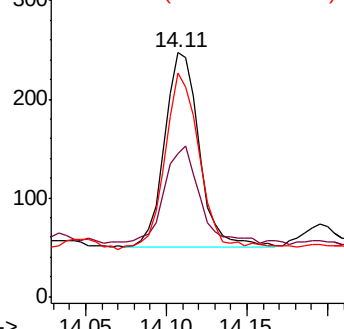
154 91.5 70.8 106.2



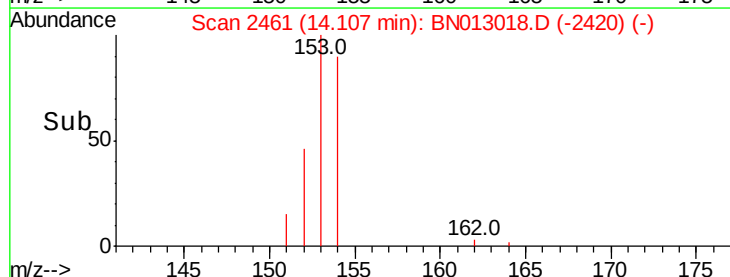
Abundance Ion 153.00 (152.70 to 153.70): E

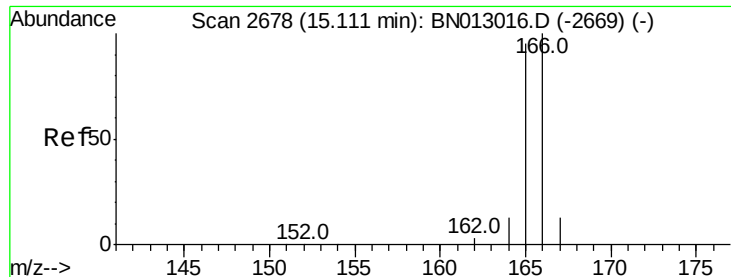
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

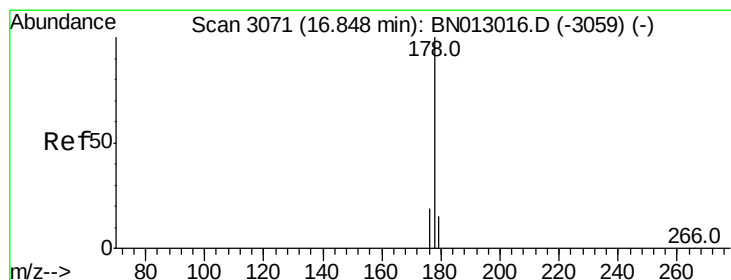
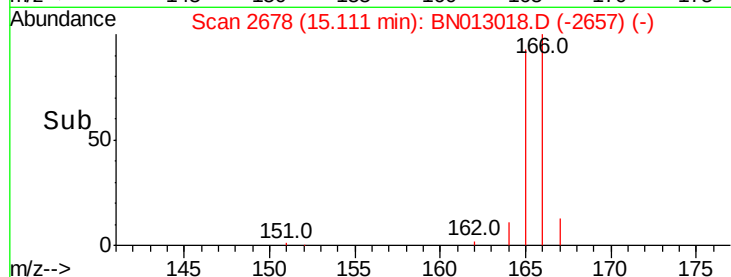
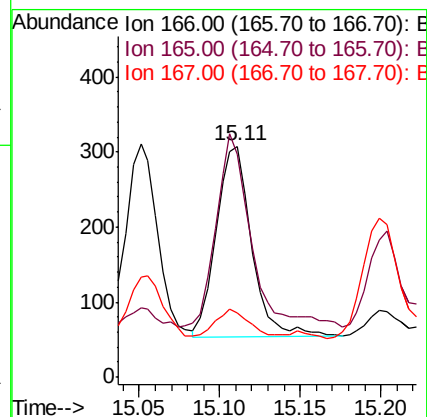
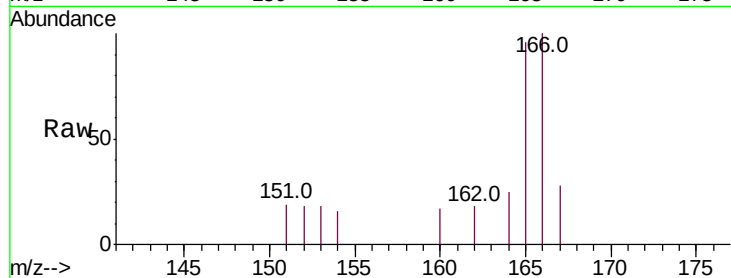
Tot Ion:166 Resp: 388

Ion Ratio Lower Upper

166 100

165 96.4 79.8 119.8

167 27.9 13.8 20.8#



#12

Phenanthrene

Concen: 0.770 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

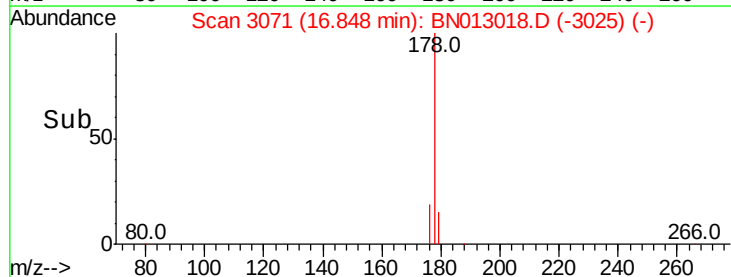
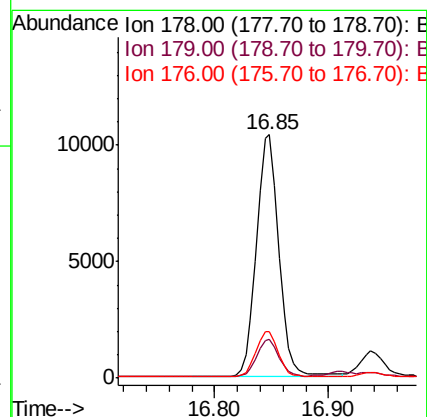
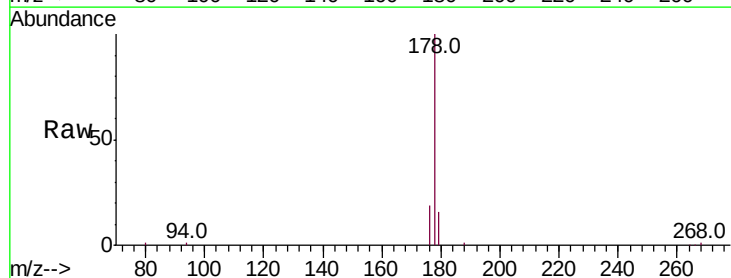
Tgt Ion:178 Resp: 14285

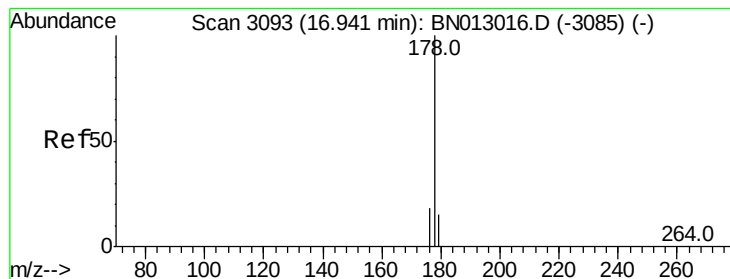
Ion Ratio Lower Upper

178 100

179 15.7 13.6 20.4

176 19.1 16.4 24.6





#13

Anthracene

Concen: 0.098 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

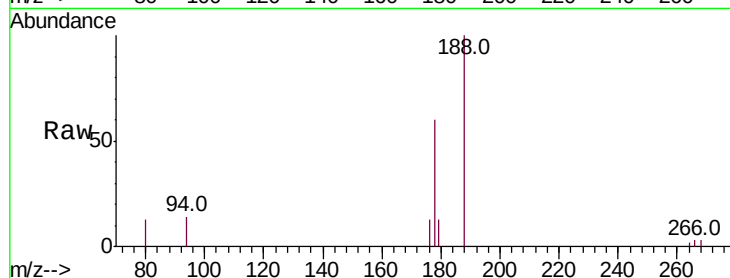
Tot Ion:178 Resp: 1543

Ion Ratio Lower Upper

178 100

179 21.5 14.6 21.8

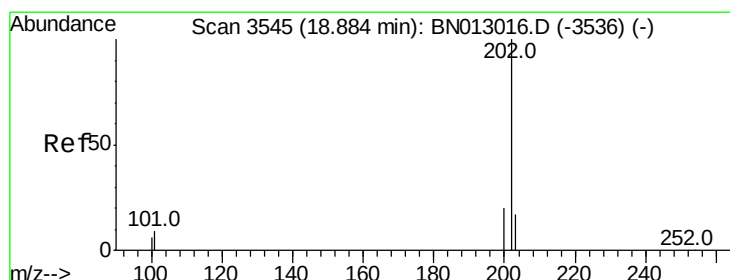
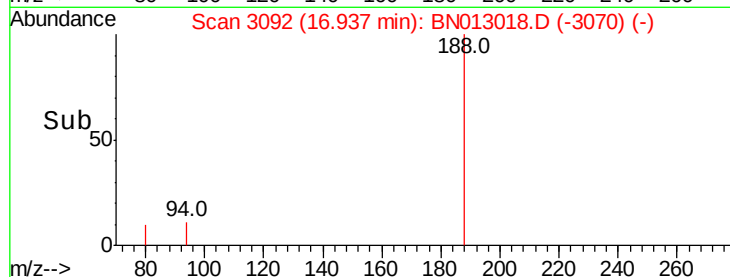
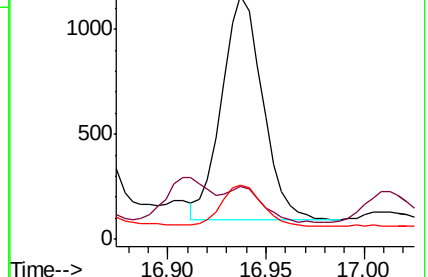
176 22.3 17.1 25.7



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: 1.770 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

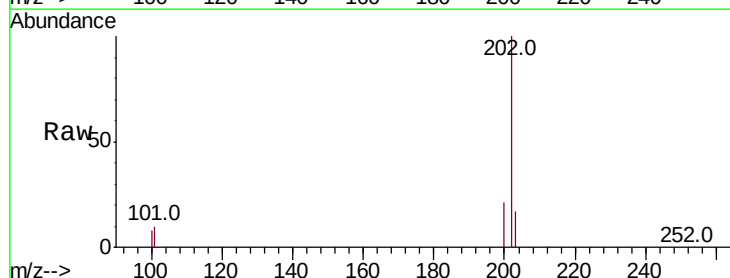
Tgt Ion:202 Resp: 39038

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.6

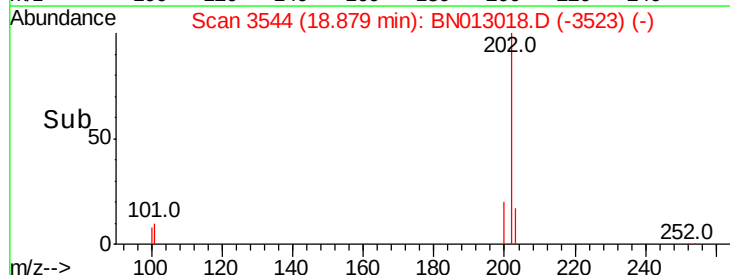
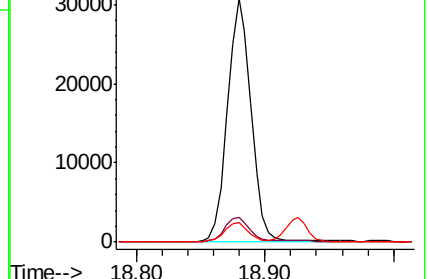
100 7.9 0.0 28.7

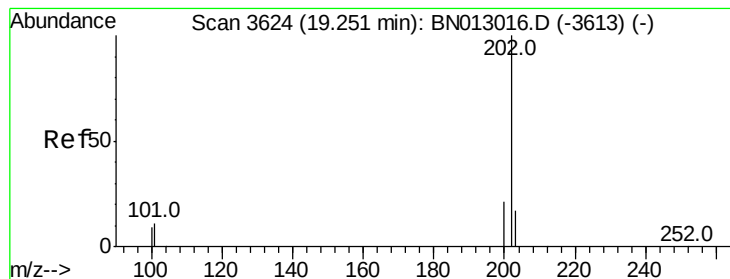


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.727 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

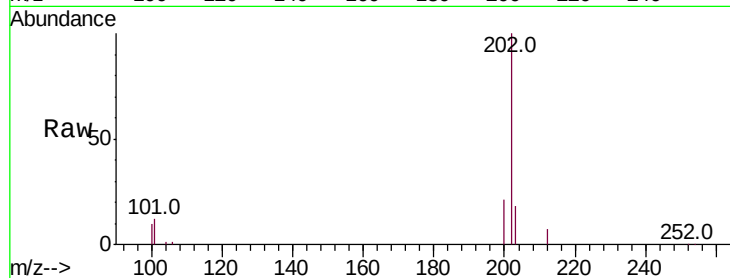
Tot Ion:202 Resp: 32882

Ion Ratio Lower Upper

202 100

101 12.1 9.1 13.7

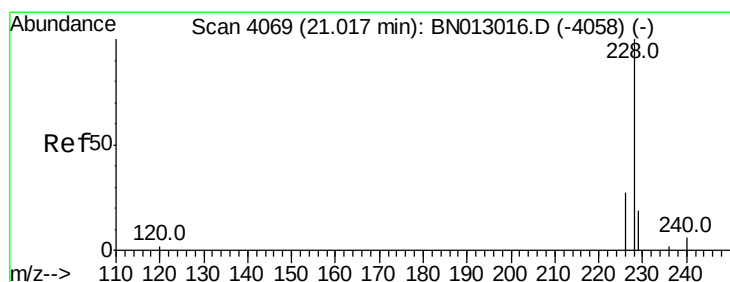
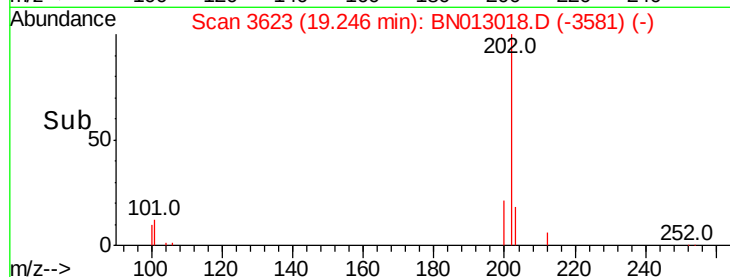
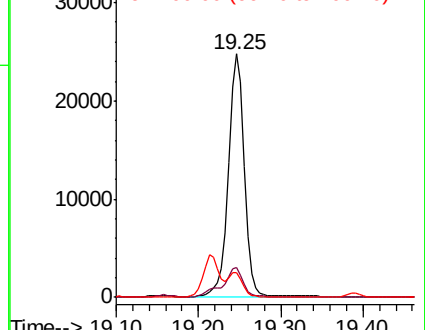
100 10.2 7.5 11.3



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: 0.818 ng/ul

RT: 21.02 min Scan# 4069

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

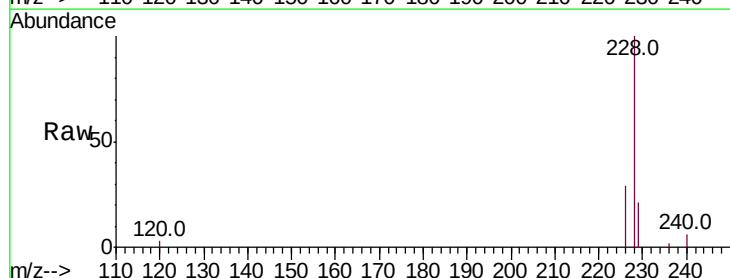
Tgt Ion:228 Resp: 13641

Ion Ratio Lower Upper

228 100

229 21.2 16.3 24.5

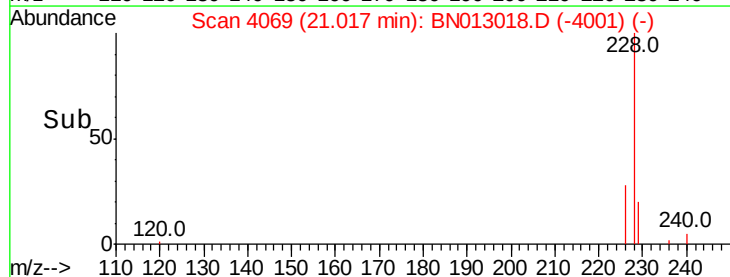
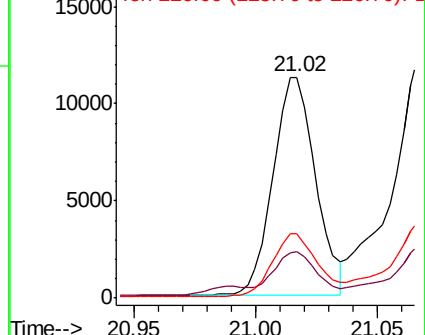
226 29.1 23.4 35.2

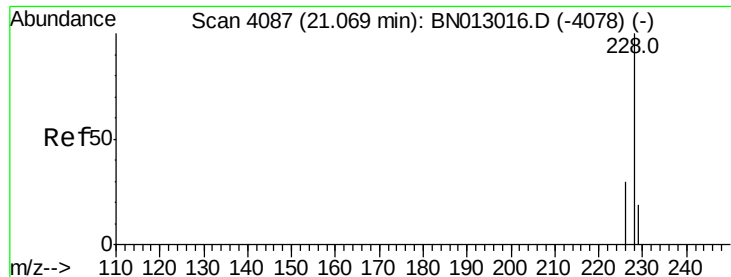


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.988 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

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C0AY4

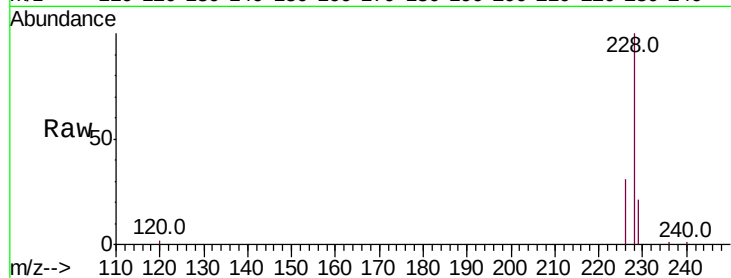
Tot Ion:228 Resp: 18218

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

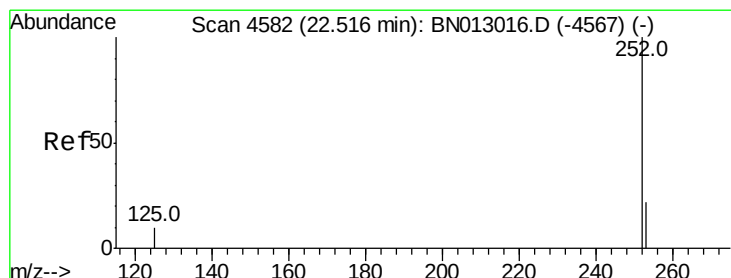
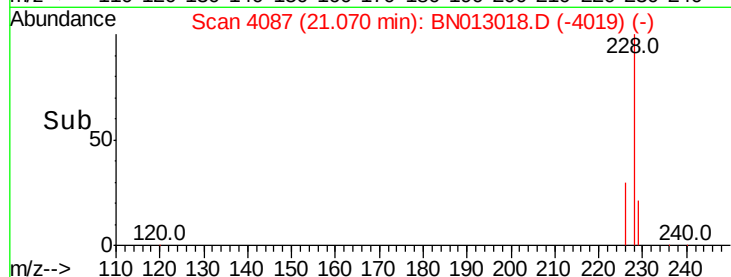
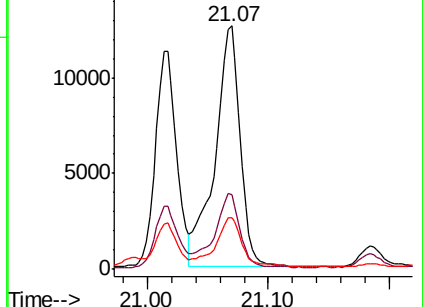
229 21.4 16.4 24.6



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: 1.922 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

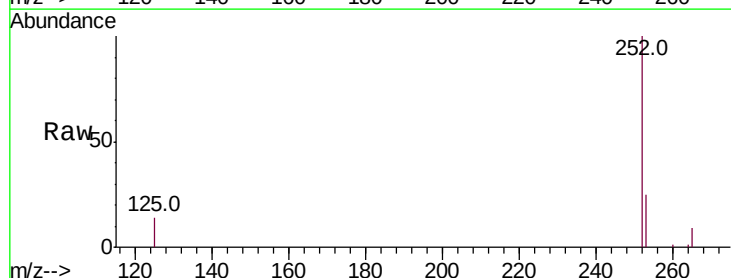
Tgt Ion:252 Resp: 32172

Ion Ratio Lower Upper

252 100

253 24.5 0.0 59.6

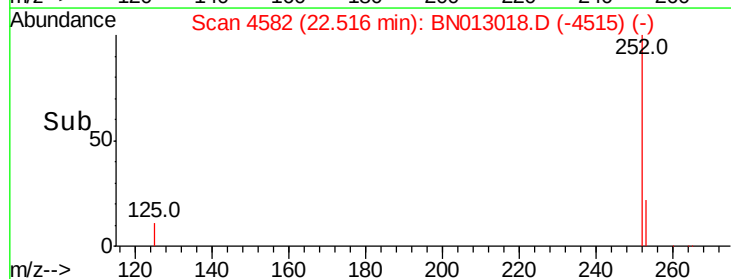
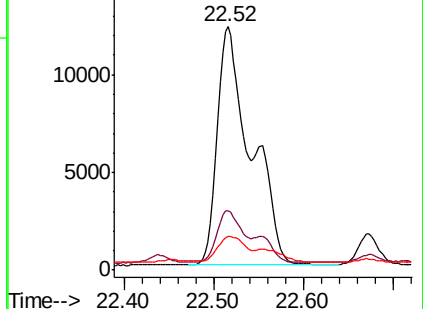
125 13.9 0.0 26.0

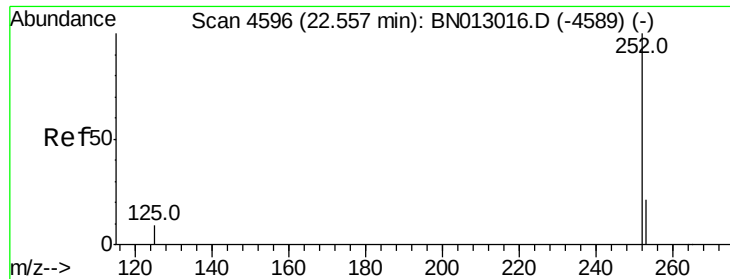


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.738 ng/ul

RT: 22.52 min Scan# 4582

Delta R.T. -0.04 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

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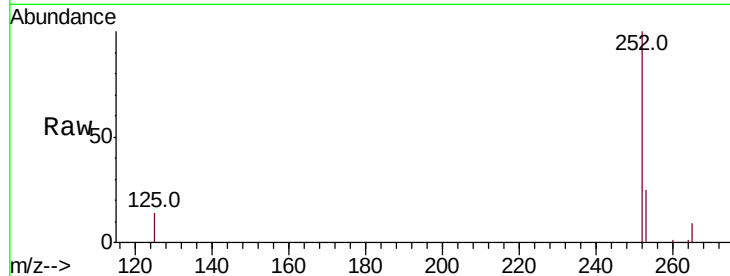
Tot Ion:252 Resp: 32172

Ion Ratio Lower Upper

252 100

253 24.5 23.4 35.2

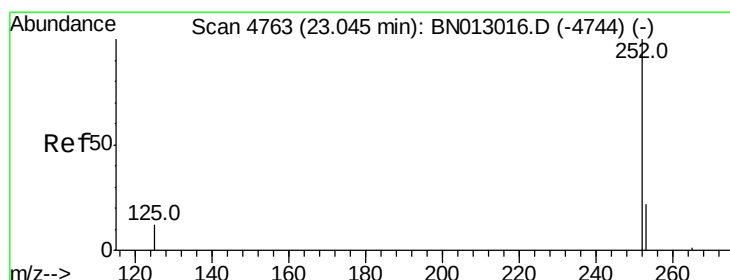
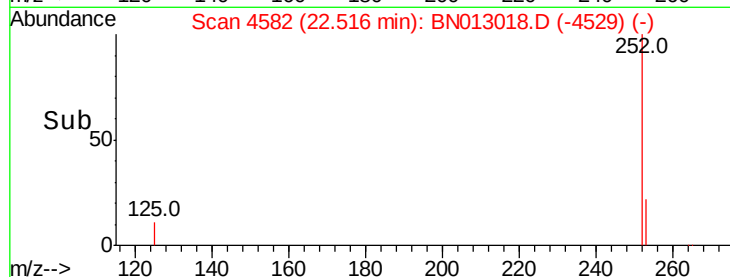
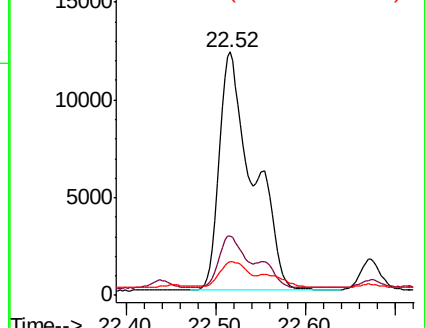
125 13.9 11.1 16.7



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: 0.944 ng/ul

RT: 23.04 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

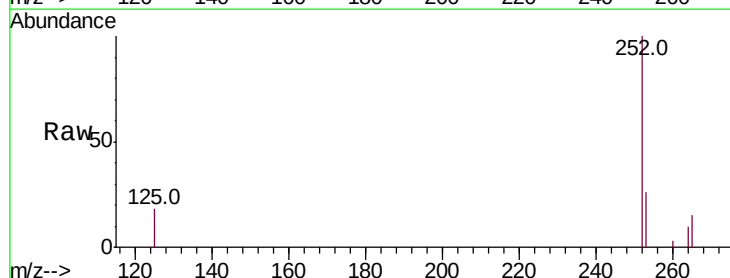
Tgt Ion:252 Resp: 14659

Ion Ratio Lower Upper

252 100

253 26.1 26.5 39.7#

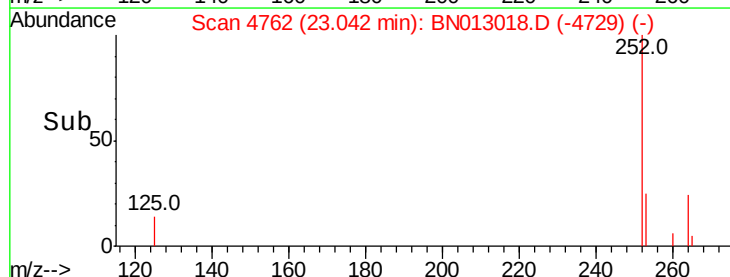
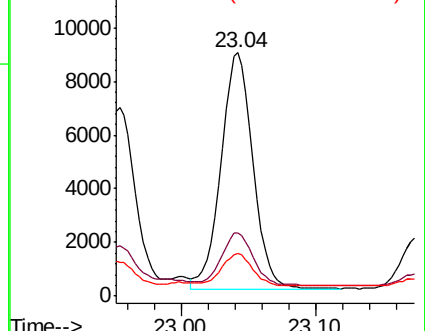
125 17.5 14.2 21.2

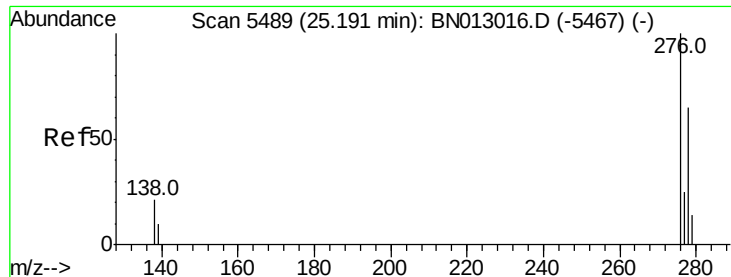


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.493 ng/ul

RT: 25.18 min Scan# 5487

Delta R.T. -0.01 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4

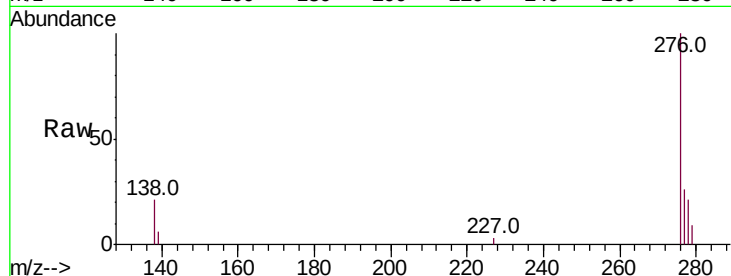
Tot Ion:276 Resp: 10052

Ion Ratio Lower Upper

276 100

138 19.4 16.2 24.2

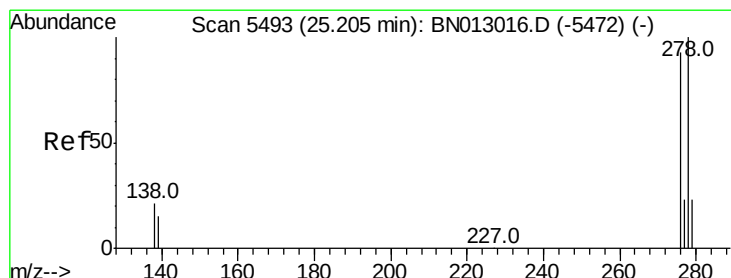
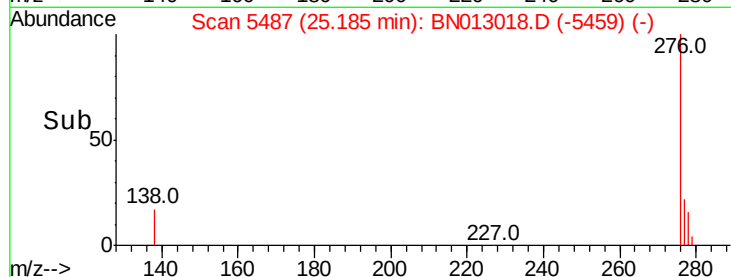
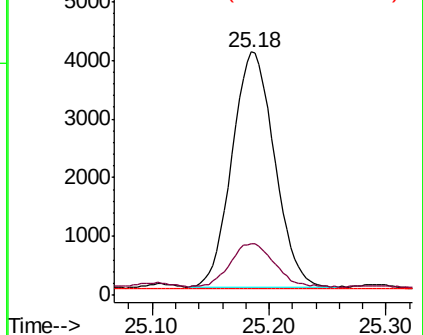
227 0.3 0.0 0.0#



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: 0.150 ng/ul

RT: 25.19 min Scan# 5489

Delta R.T. -0.02 min

Lab File: BN013018.D

Acq: 09 Dec 2020 18:56

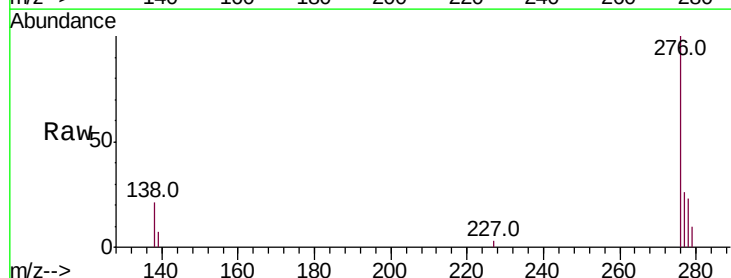
Tgt Ion:278 Resp: 2423

Ion Ratio Lower Upper

278 100

139 31.2 14.5 21.7#

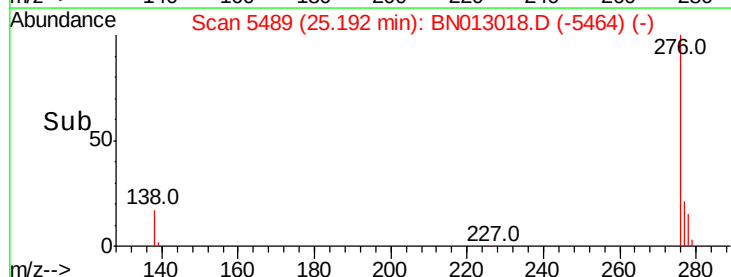
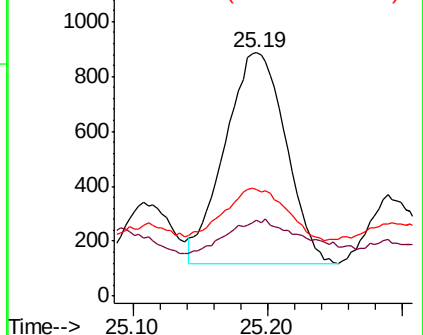
279 43.6 26.3 39.5#

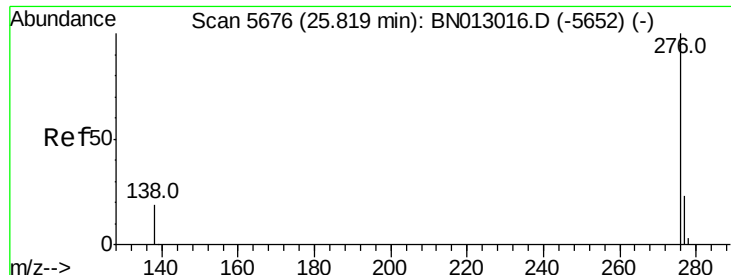


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.468 ng/ul

RT: 25.82 min Scan# 5676

Delta R.T. -0.00 min

Lab File: BN013018.D

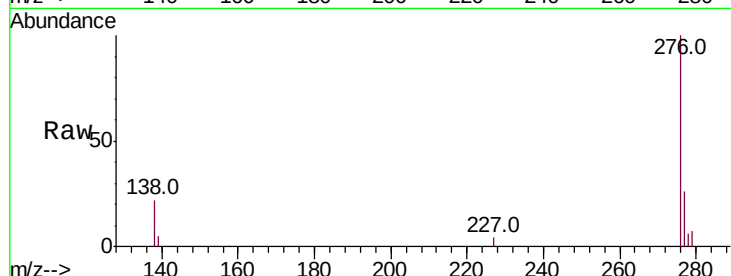
Acq: 09 Dec 2020 18:56

Instrument :

BNA_N

ClientSampleId :

C0AY4



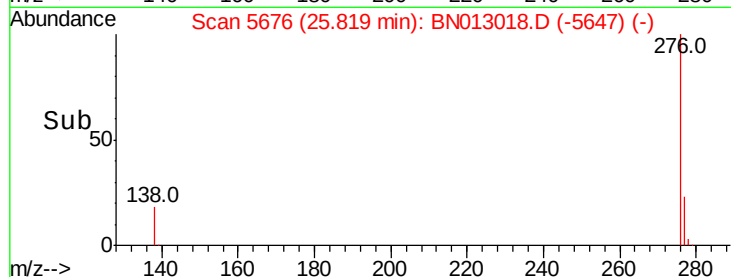
Tot Ion:276 Resp: 8636

Ion Ratio Lower Upper

276 100

138 21.8 16.3 24.5

277 26.1 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

