

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012277.D
 Acq On : 16 Oct 2020 21:16
 Operator : CG/JU
 Sample : L4201-09DL 5X
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 23:50:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7615	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4232	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8382	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6660	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6828	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	371	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	725	0.03	ng/ul	0.00

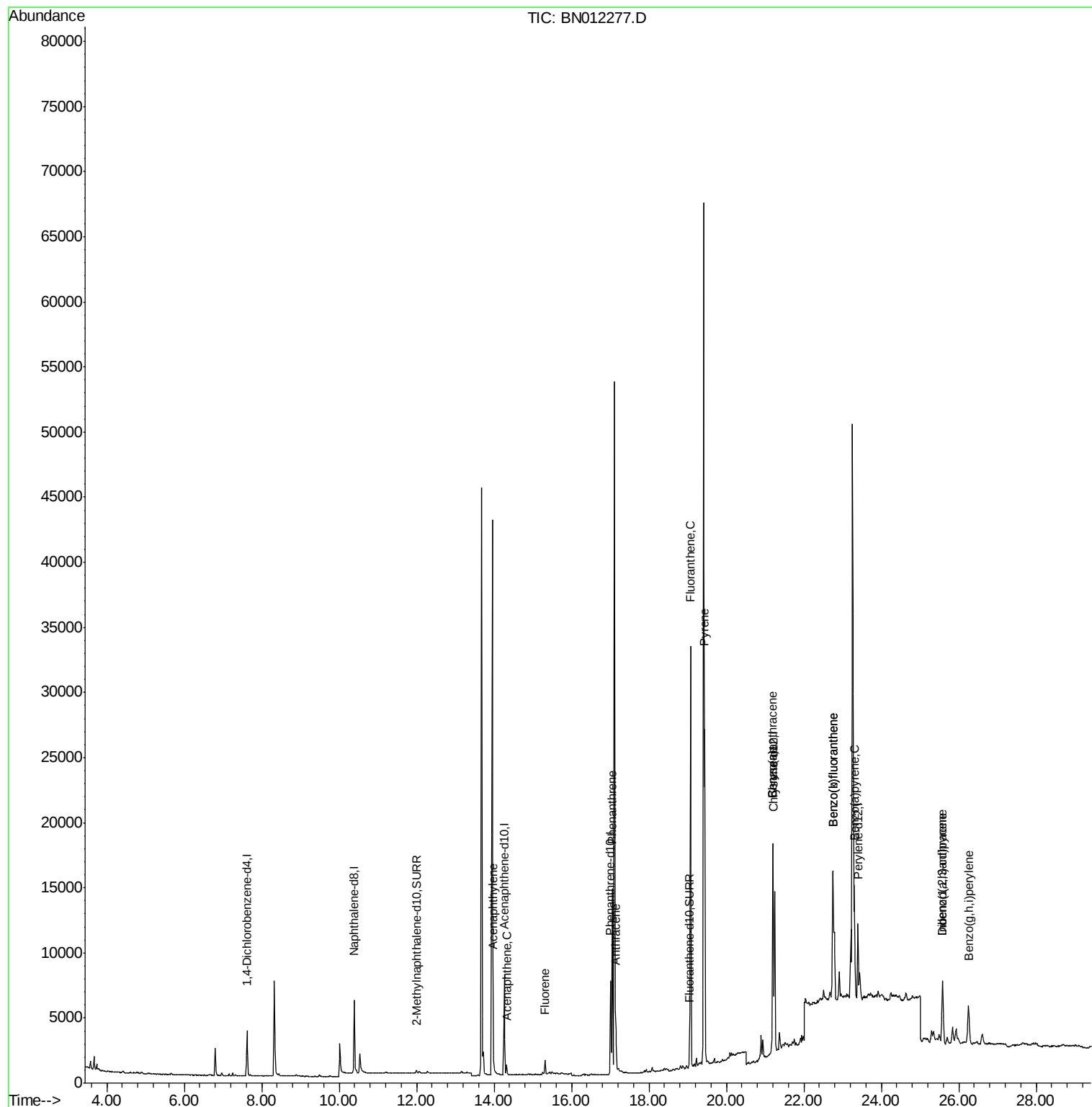
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	1090	0.059	ng/ul#	80
8) Acenaphthene	14.32	153	455	0.029	ng/ul#	94
9) Fluorene	15.31	166	801	0.046	ng/ul#	97
12) Phenanthrene	17.05	178	15304	0.573	ng/ul	99
13) Anthracene	17.14	178	3895	0.170	ng/ul	98
15) Fluoranthene	19.07	202	27610	0.884	ng/ul	99
17) Pyrene	19.44	202	23660	0.788	ng/ul	98
18) Benzo(a)anthracene	21.20	228	13092	0.531	ng/ul#	93
19) Chrysene	21.20	228	13092	0.436	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	20719	0.751	ng/ul	88
22) Benzo(k)fluoranthene	22.75	252	20719	0.679	ng/ul#	86
23) Benzo(a)pyrene	23.30	252	10591	0.395	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.58	276	7420	0.215	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2159	0.078	ng/ul#	18
26) Benzo(g,h,i)perylene	26.25	276	6033	0.191	ng/ul#	79

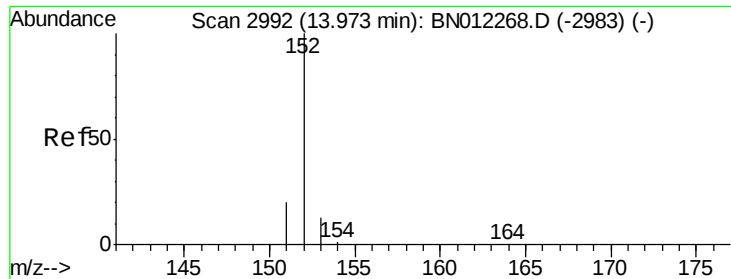
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

ClientSampleId :

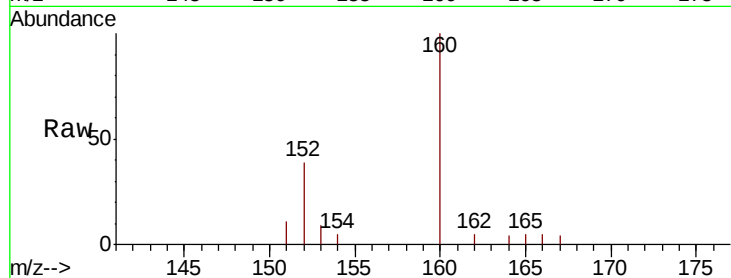
Tot Ion:152 Resp: 1090

Ion Ratio Lower Upper

152 100

151 29.4 16.7 25.1#

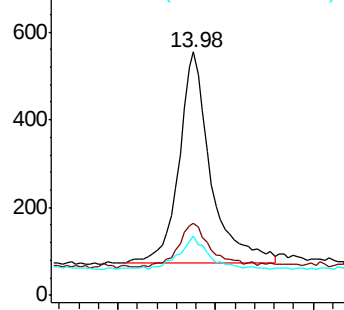
153 24.1 11.8 17.8#



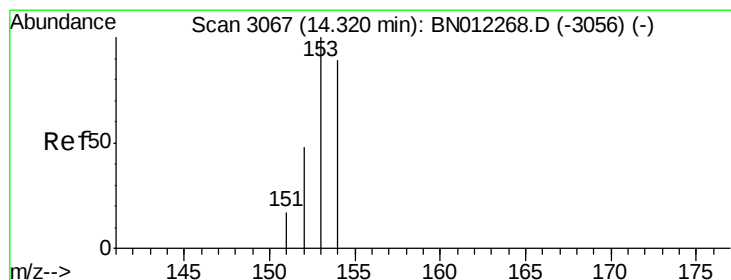
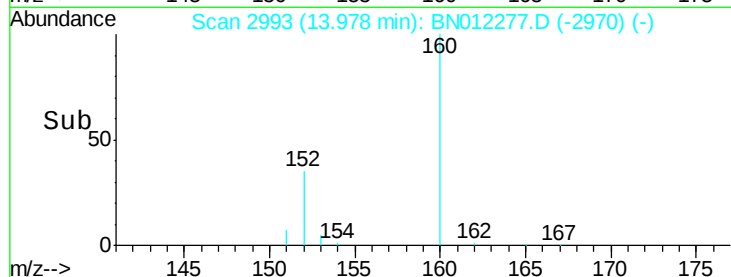
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

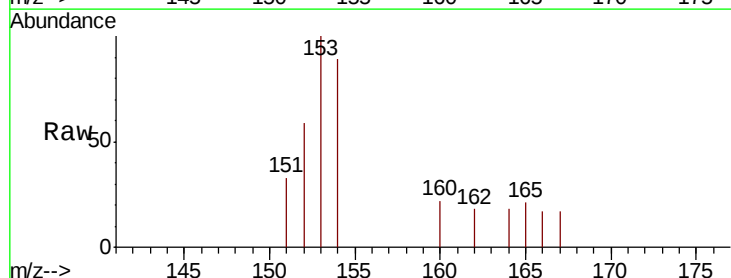
Tgt Ion:153 Resp: 455

Ion Ratio Lower Upper

153 100

152 59.2 38.2 57.2#

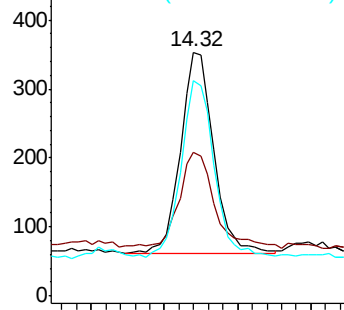
154 88.7 71.1 106.7



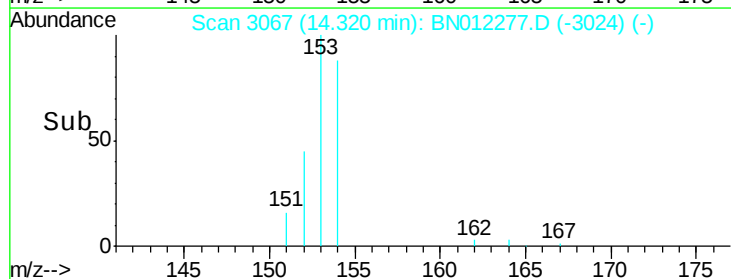
Abundance Ion 153.00 (152.70 to 153.70): E

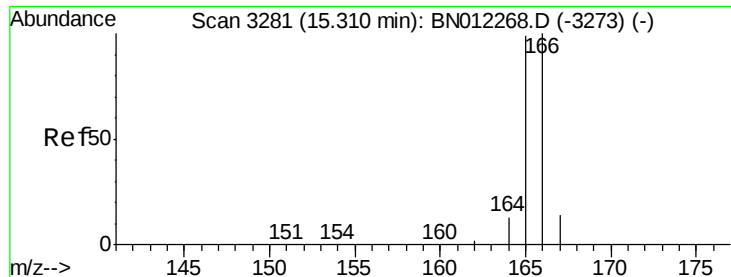
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

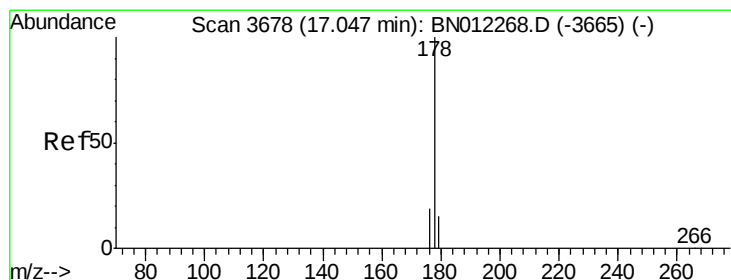
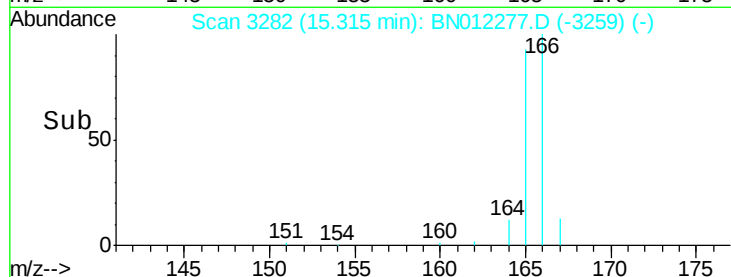
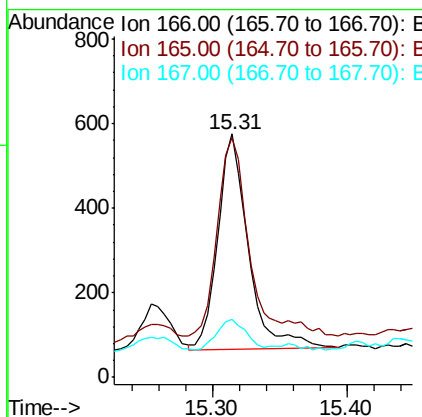
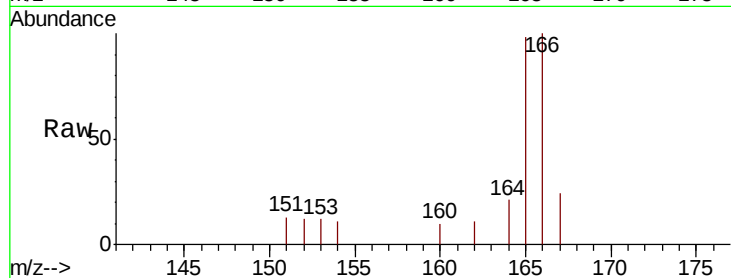




#9
Fluorene
 Concen: 0.046 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012277.D
 Acq: 16 Oct 2020 21:16

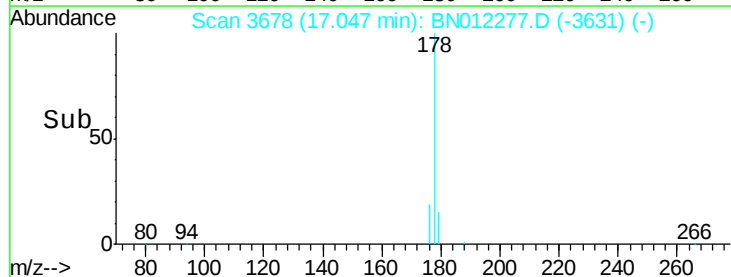
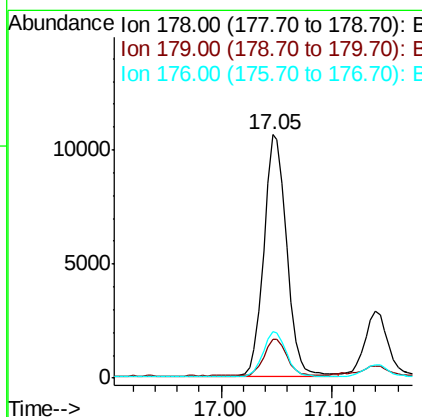
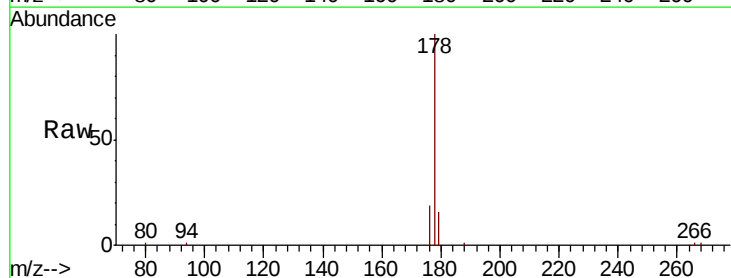
Instrument :
 BNA_N
 ClientSampleId :

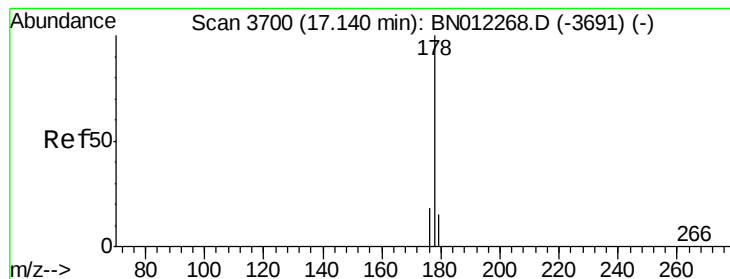
Tot Ion:166 Resp: 801
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.6 118.0
 167 23.6 11.9 17.9#



#12
Phenanthrene
 Concen: 0.573 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012277.D
 Acq: 16 Oct 2020 21:16

Tgt Ion:178 Resp: 15304
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.4 20.2
 176 19.3 15.7 23.5





#13

Anthracene

Concen: 0.170 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

ClientSampleId :

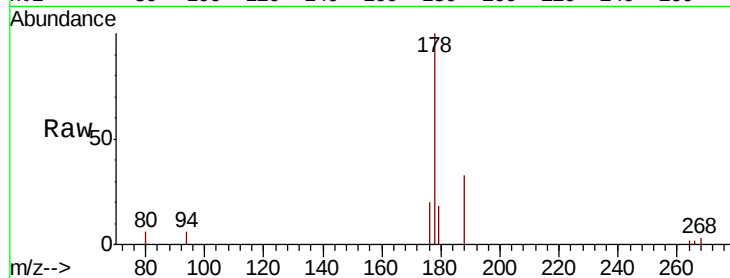
Tot Ion:178 Resp: 3895

Ion Ratio Lower Upper

178 100

179 18.4 13.9 20.9

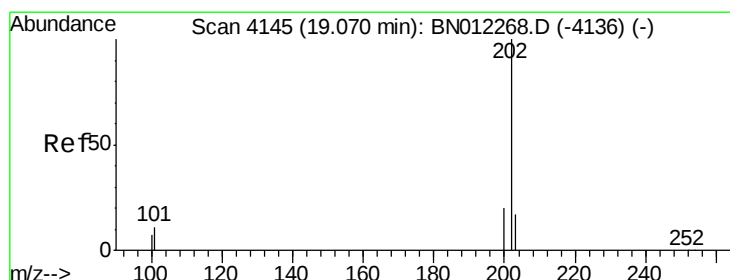
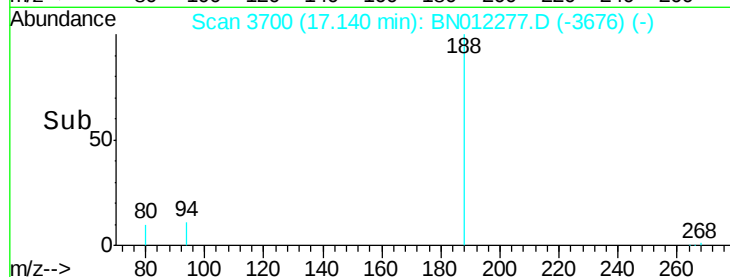
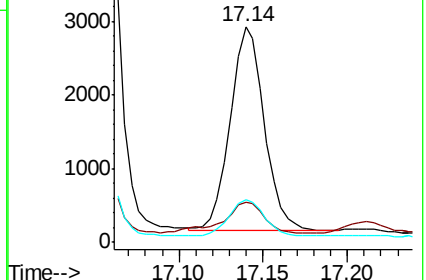
176 19.7 15.4 23.0



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: 0.884 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

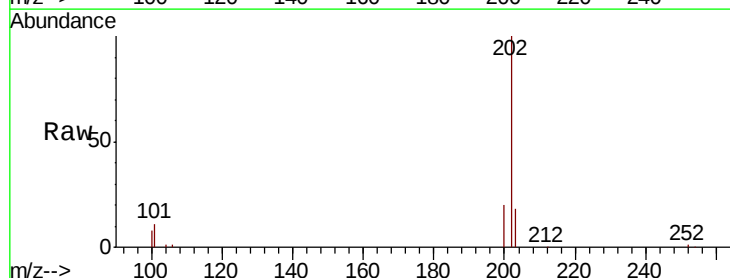
Tgt Ion:202 Resp: 27610

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

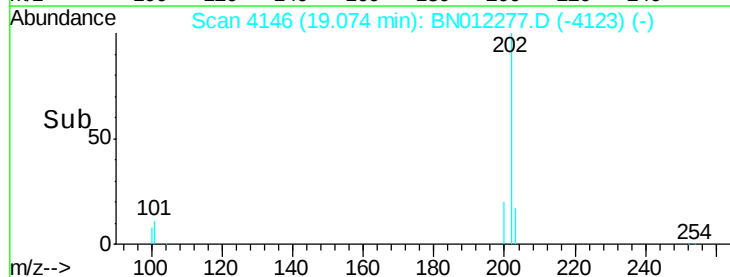
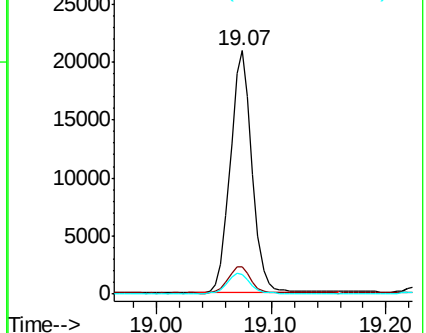
100 8.3 0.0 28.7

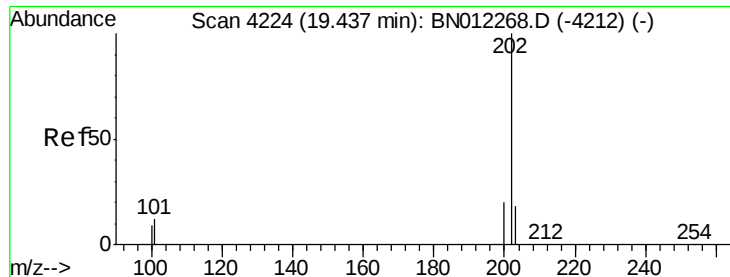


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

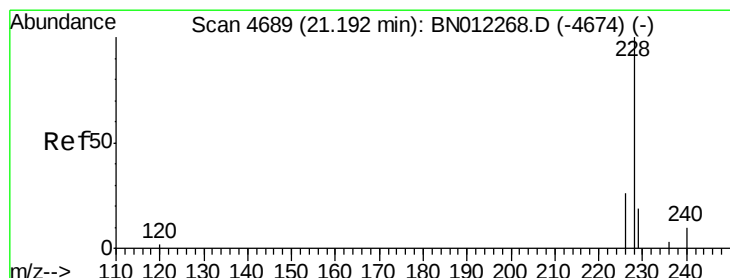
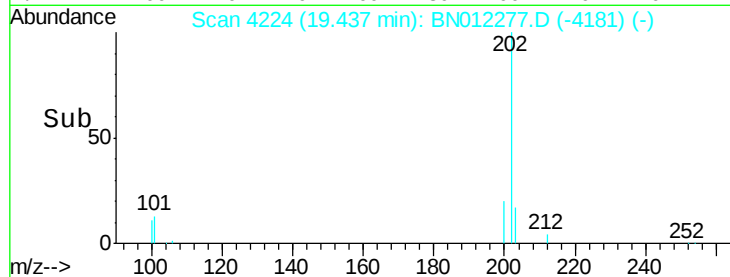
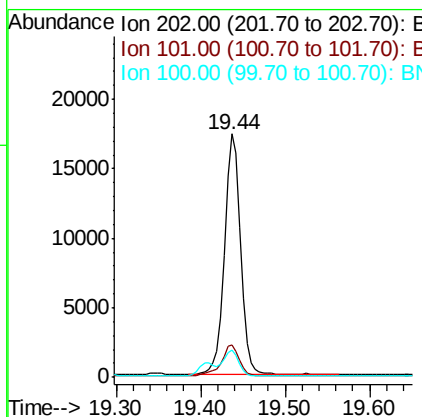
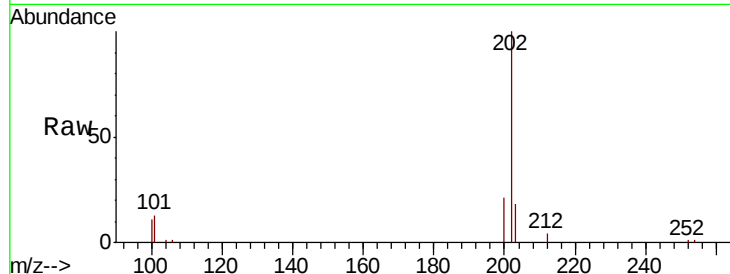




#17
Pvrene
Concen: 0.788 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

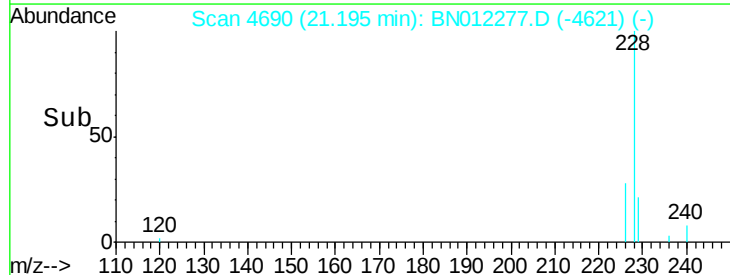
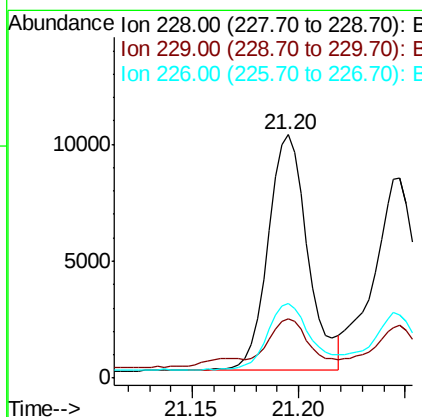
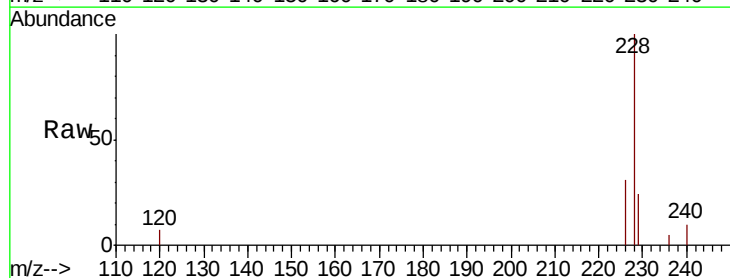
Instrument :
BNA_N
ClientSampleId :

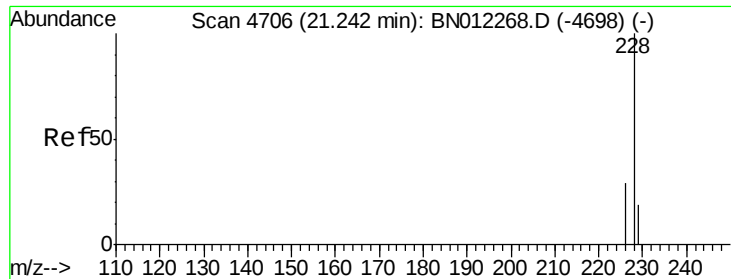
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	11.1	8.0	12.0



#18
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.8	23.8#
226	30.8	22.6	33.8





#19

Chrysene

Concen: 0.436 ng/ul

RT: 21.20 min Scan# 4690

Delta R.T. -0.05 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

ClientSampled :

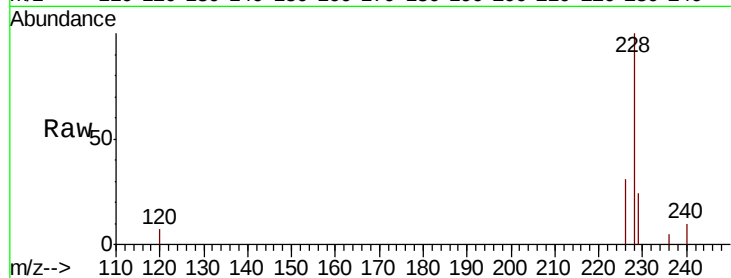
Tot Ion:228 Resp: 13092

Ion Ratio Lower Upper

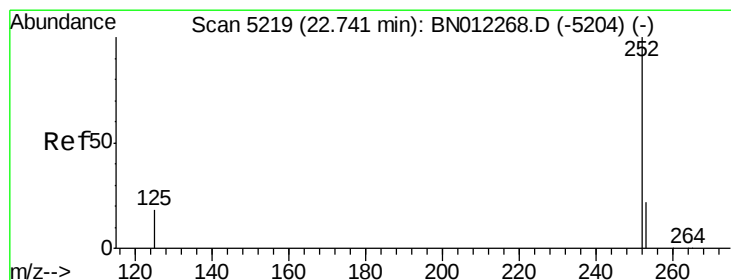
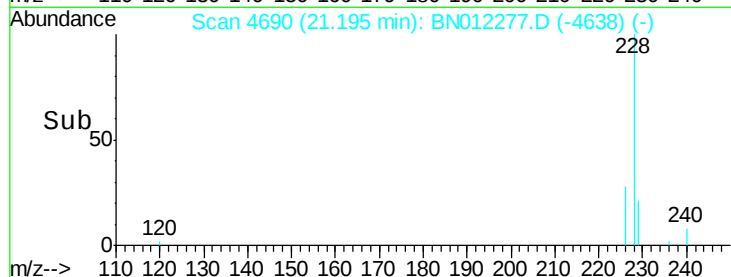
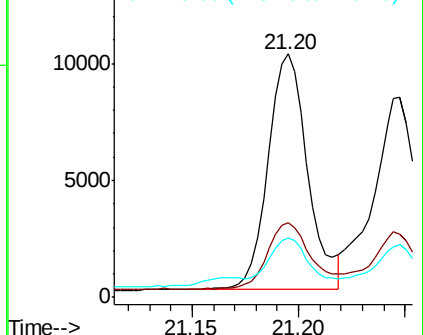
228 100

226 30.8 24.6 37.0

229 24.2 17.0 25.6



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: 0.751 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

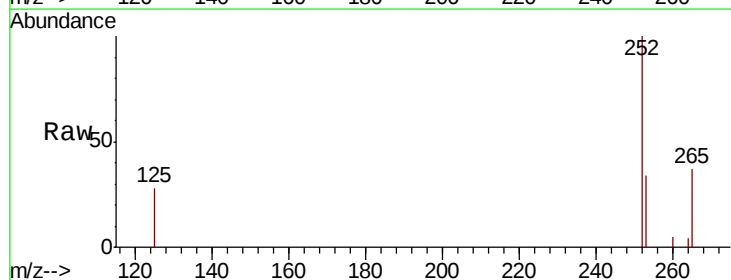
Tgt Ion:252 Resp: 20719

Ion Ratio Lower Upper

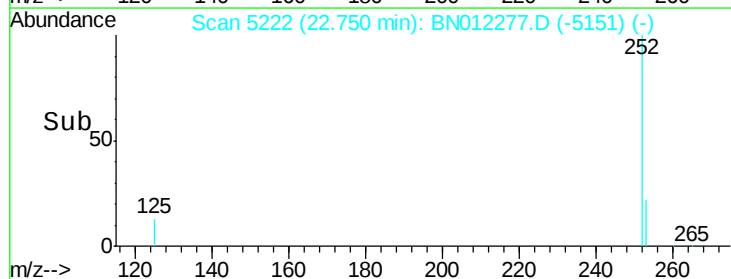
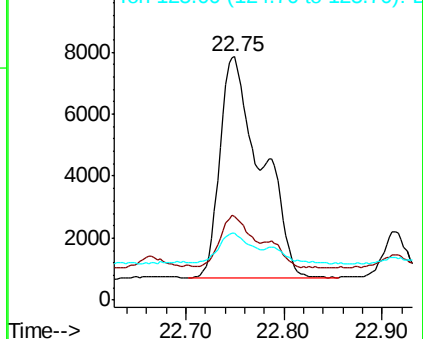
252 100

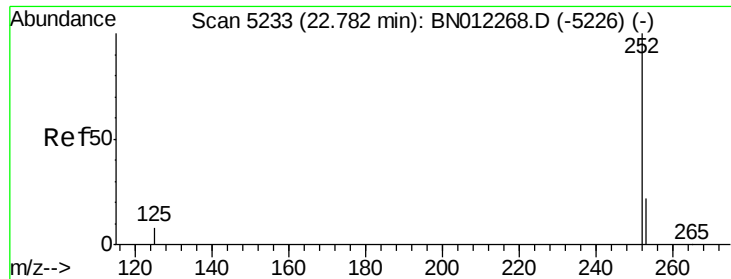
253 34.2 0.0 61.6

125 27.7 0.0 36.8



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: 0.679 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.03 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

ClientSampleId :

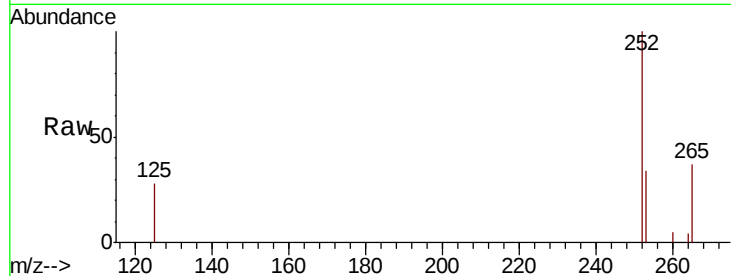
Tot Ion:252 Resp: 20719

Ion Ratio Lower Upper

252 100

253 34.2 24.4 36.6

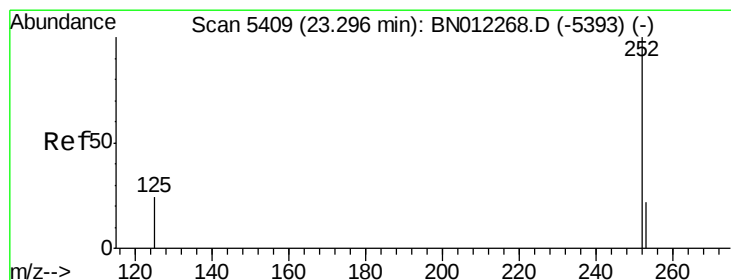
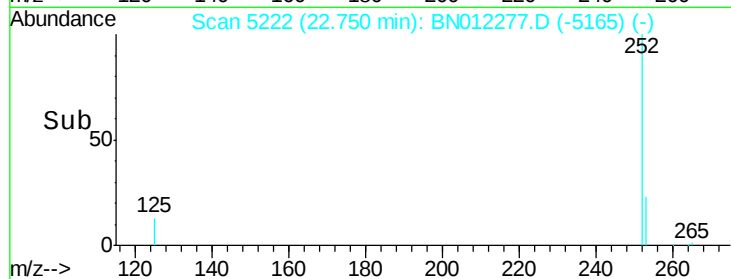
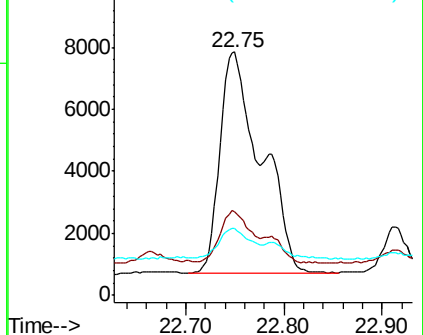
125 27.7 12.9 19.3#



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: 0.395 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

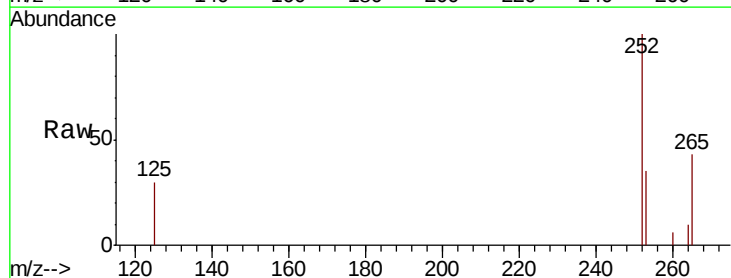
Tgt Ion:252 Resp: 10591

Ion Ratio Lower Upper

252 100

253 35.4 27.0 40.4

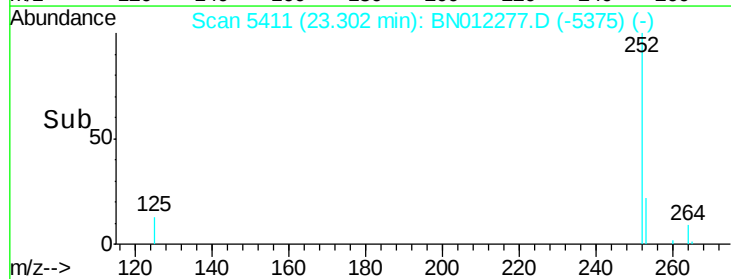
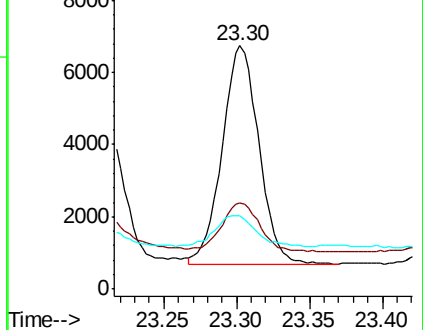
125 30.0 18.8 28.2#

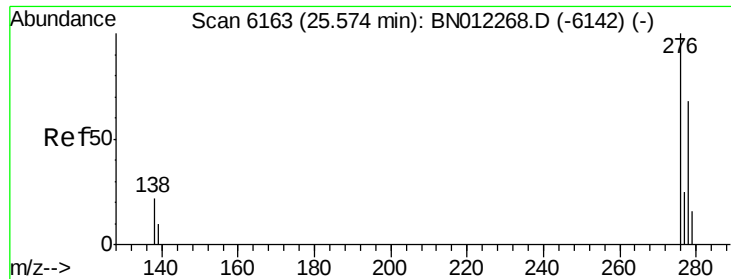


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

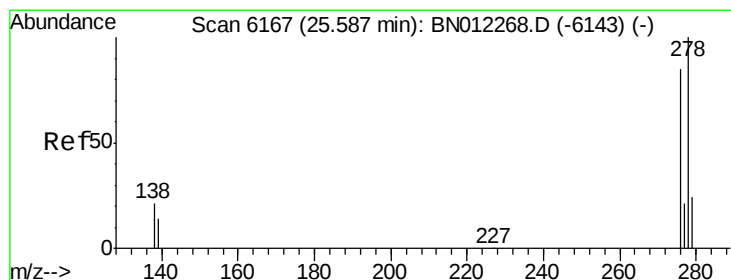
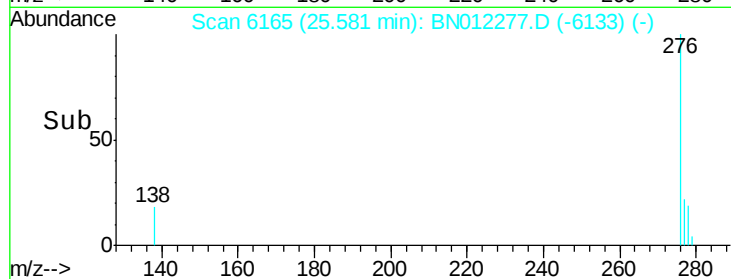
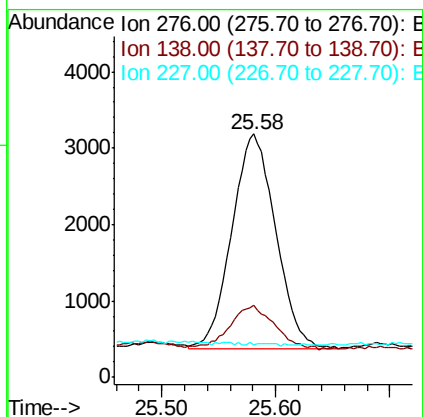
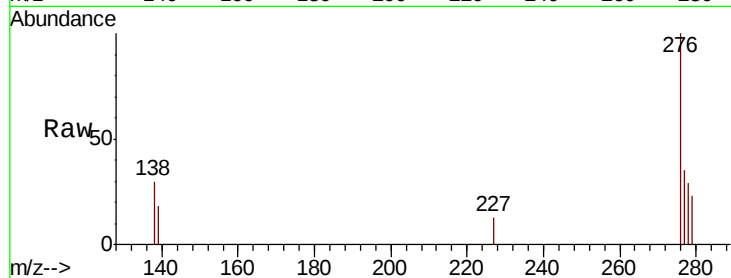




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. 0.01 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

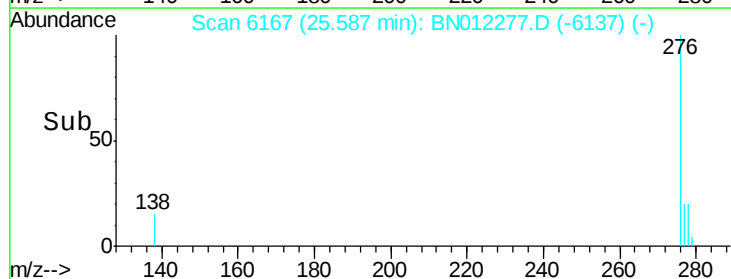
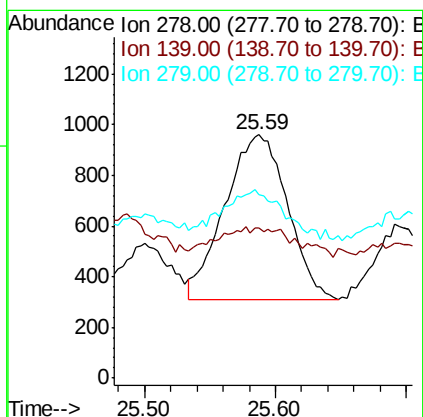
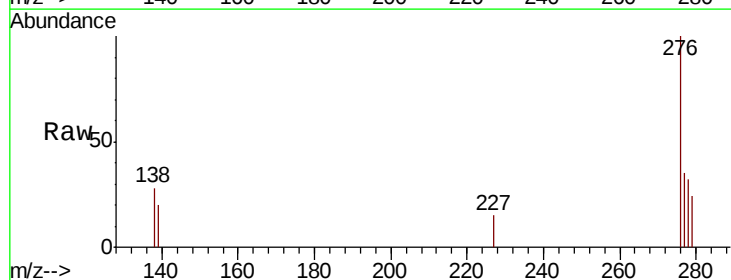
Instrument :
BNA_N
ClientSampleId :

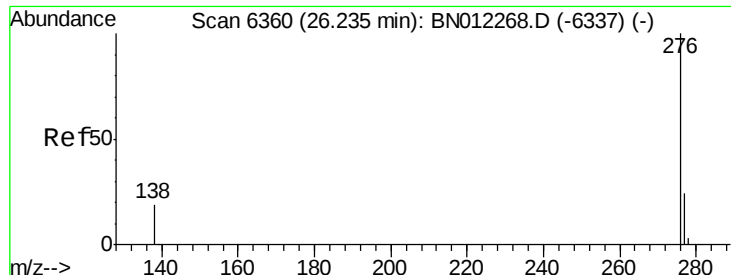
Tot Ion:276 Resp: 7420
Ion Ratio Lower Upper
276 100
138 20.5 0.0 0.0#
227 0.1 0.0 0.0#



#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Tgt Ion:278 Resp: 2159
Ion Ratio Lower Upper
278 100
139 61.7 15.7 23.5#
279 75.4 26.0 39.0#





#26

Benzo(a,h,i)perylene

Concen: 0.191 ng/ul

RT: 26.25 min Scan# 6365

Delta R.T. 0.02 min

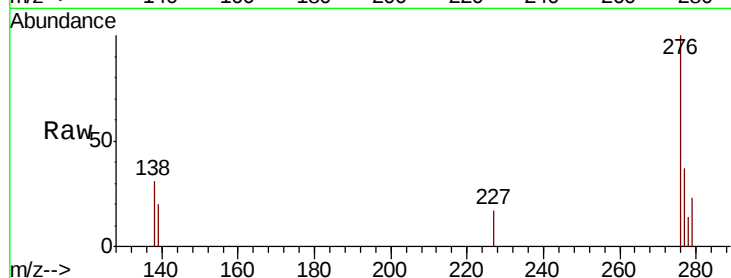
Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

ClientSampleId :



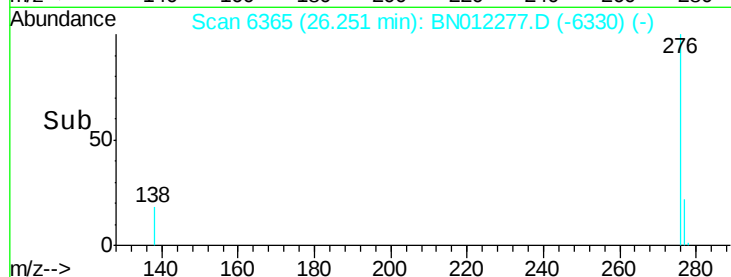
Tot Ion: 276 Resp: 6033

Ion Ratio Lower Upper

276 100

138 31.3 17.1 25.7#

277 37.1 21.1 31.7#



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

