

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012284.D
 Acq On : 17 Oct 2020 01:30
 Operator : CG/JU
 Sample : L4201-08DL 5X
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 03:21:58 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

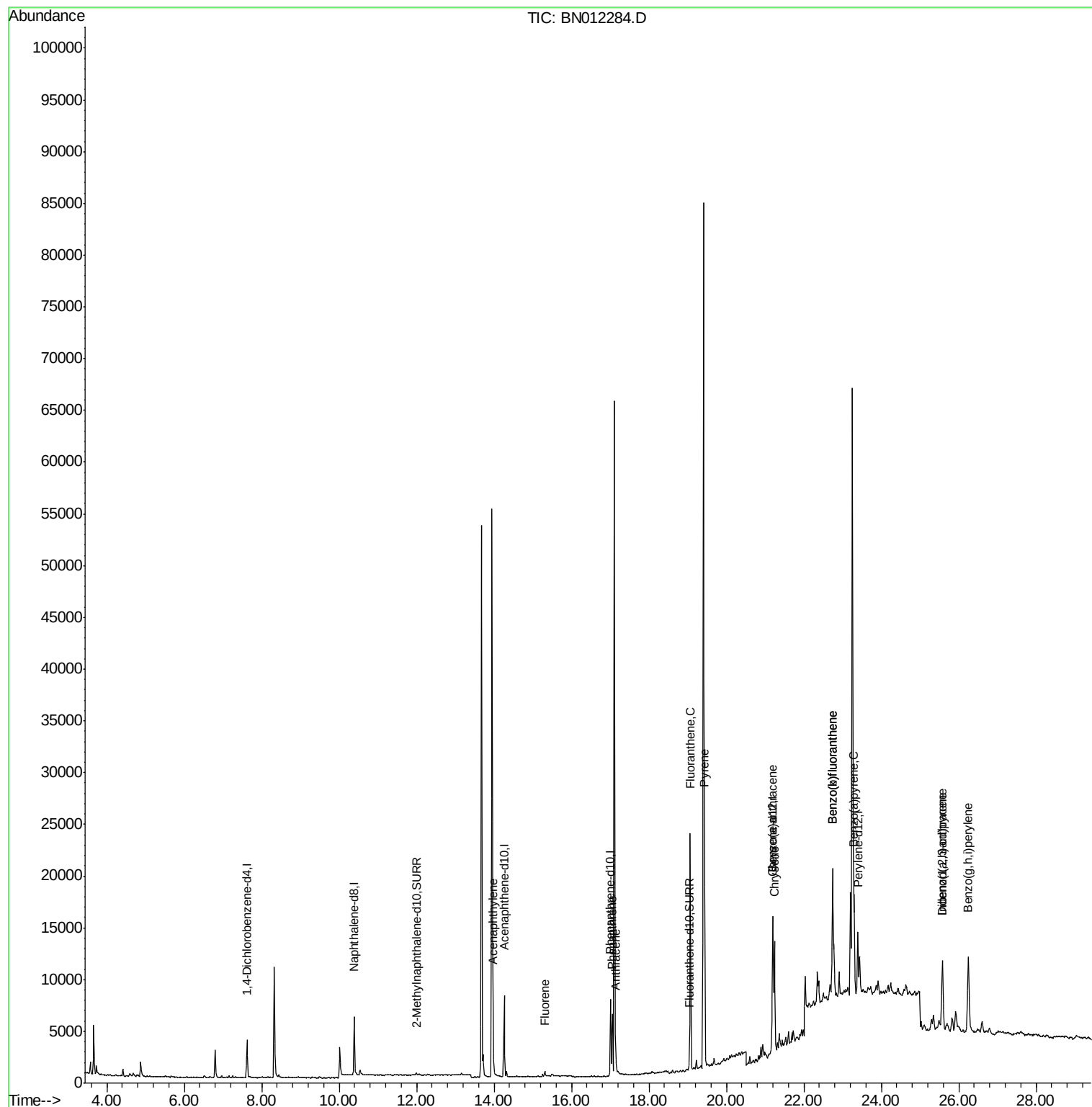
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1857	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4358	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8651	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7173	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7172	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	457	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	891	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	2128	0.113	ng/ul	93
9) Fluorene	15.31	166	409	0.023	ng/ul#	89
12) Phenanthrene	17.05	178	6308	0.229	ng/ul	99
13) Anthracene	17.14	178	2107	0.089	ng/ul#	92
15) Fluoranthene	19.07	202	19726	0.612	ng/ul	98
17) Pyrene	19.44	202	18912	0.585	ng/ul	99
18) Benzo(a)anthracene	21.19	228	9764	0.367	ng/ul#	85
19) Chrysene	21.24	228	12007	0.371	ng/ul#	89
21) Benzo(b)fluoranthene	22.74	252	22350	0.772	ng/ul	67
22) Benzo(k)fluoranthene	22.74	252	22350	0.697	ng/ul#	64
23) Benzo(a)pyrene	23.30	252	11630	0.413	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.58	276	10118	0.279	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3034	0.105	ng/ul#	4
26) Benzo(g,h,i)perylene	26.25	276	14622	0.441	ng/ul#	84

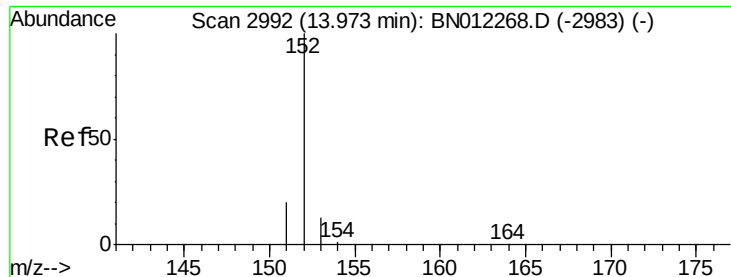
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

ClientSampleId :

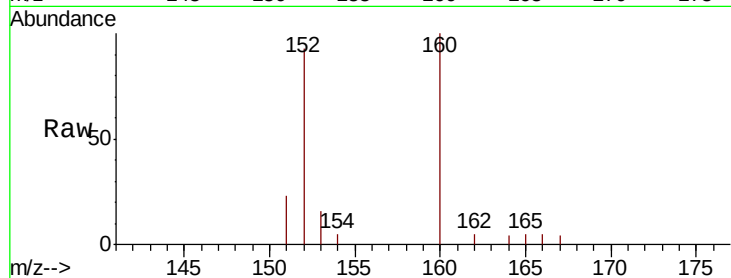
Tot Ion:152 Resp: 2128

Ion Ratio Lower Upper

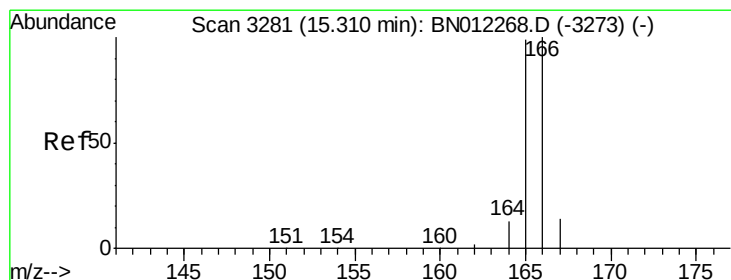
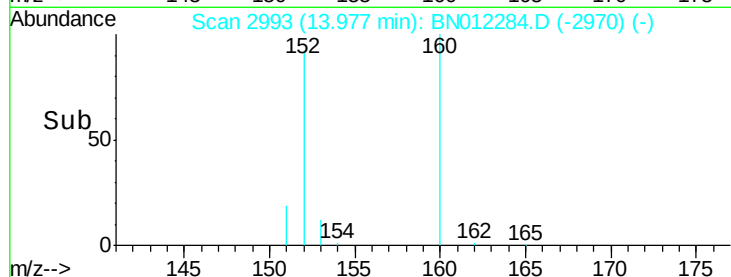
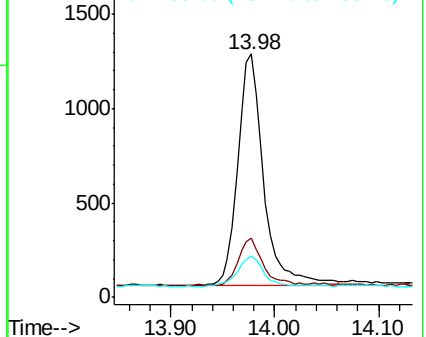
152 100

151 24.4 16.7 25.1

153 17.2 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



#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

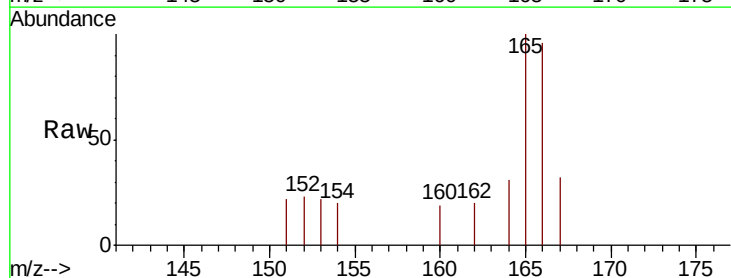
Tgt Ion:166 Resp: 409

Ion Ratio Lower Upper

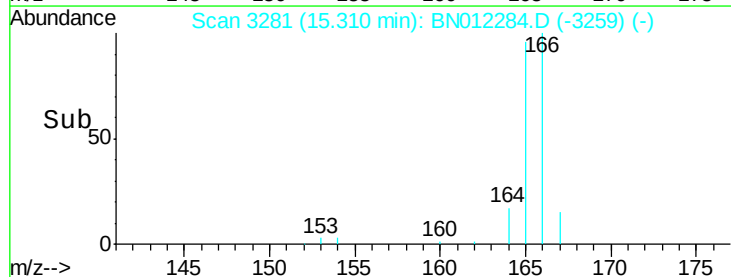
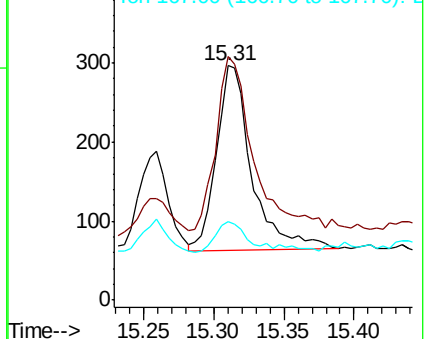
166 100

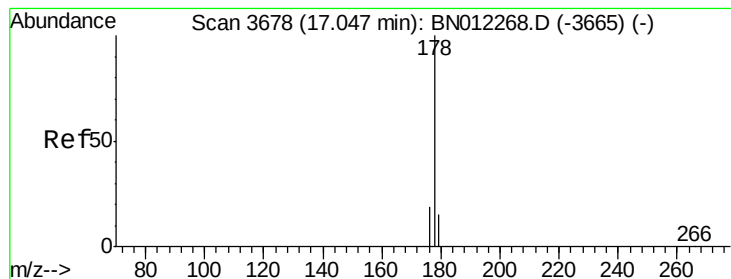
165 104.1 78.6 118.0

167 33.4 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.229 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

ClientSampleId :

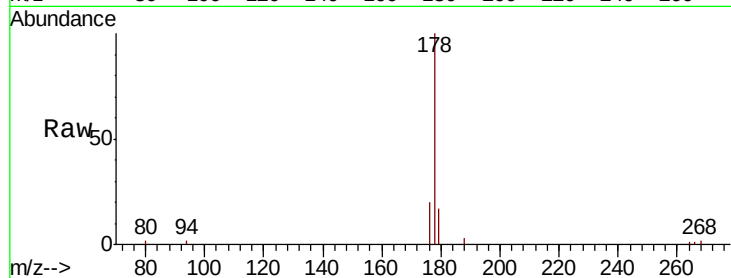
Tot Ion:178 Resp: 6308

Ion Ratio Lower Upper

178 100

179 17.3 13.4 20.2

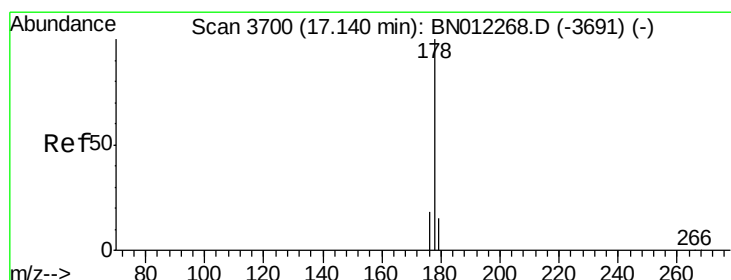
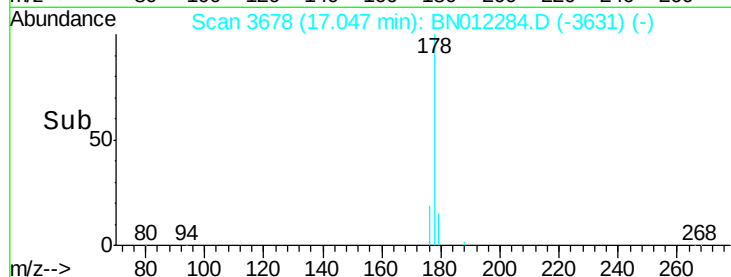
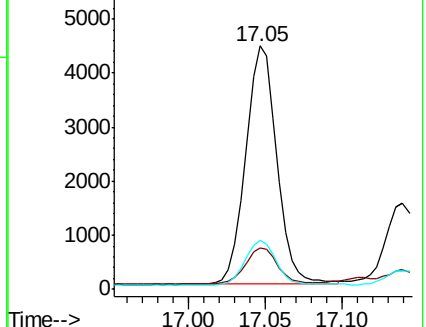
176 20.3 15.7 23.5



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



#13

Anthracene

Concen: 0.089 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

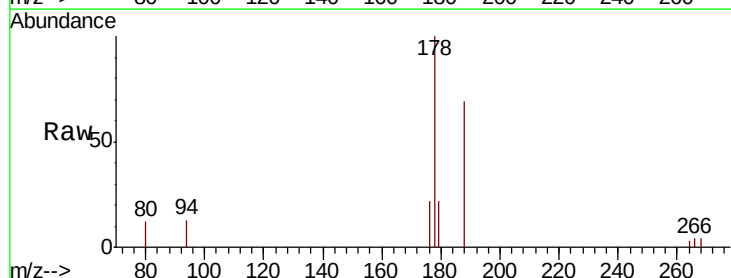
Tgt Ion:178 Resp: 2107

Ion Ratio Lower Upper

178 100

179 22.0 13.9 20.9#

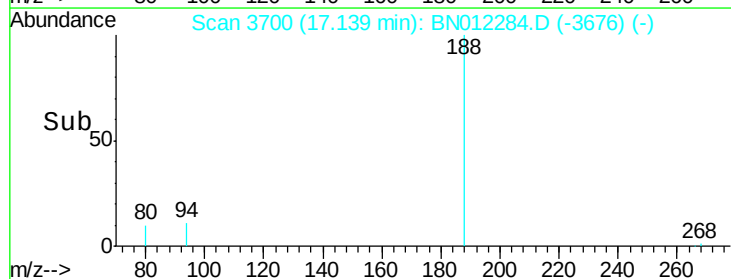
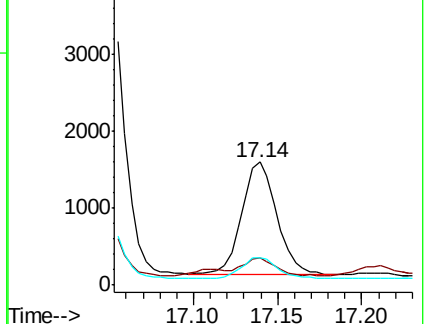
176 21.7 15.4 23.0

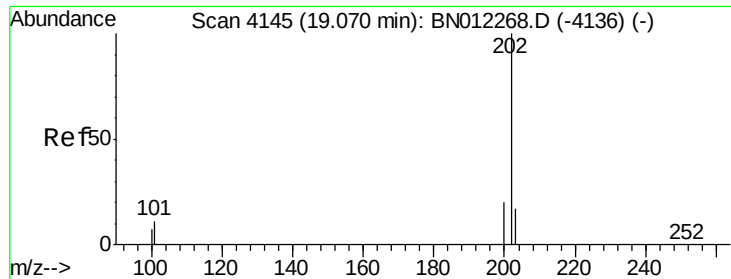


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

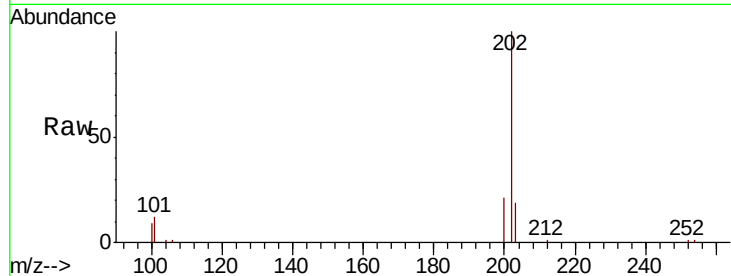




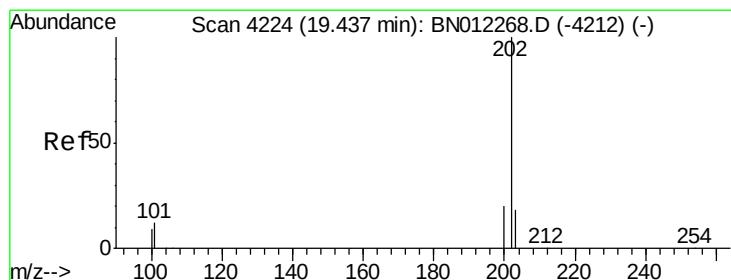
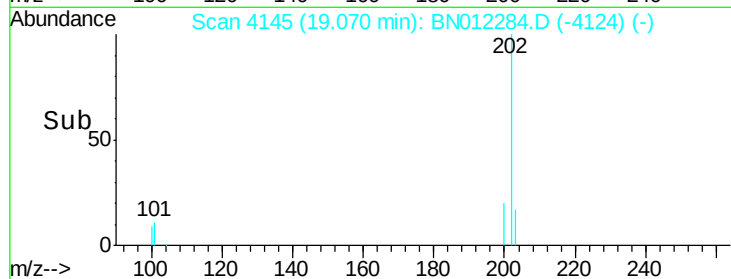
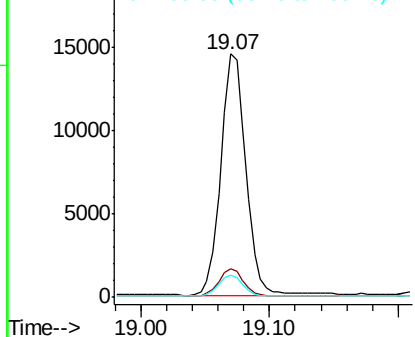
#15
Fluoranthene
 Concen: 0.612 ng/ul
 RT: 19.07 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN012284.D
 Acq: 17 Oct 2020 01:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.0
100	9.2	0.0	28.7

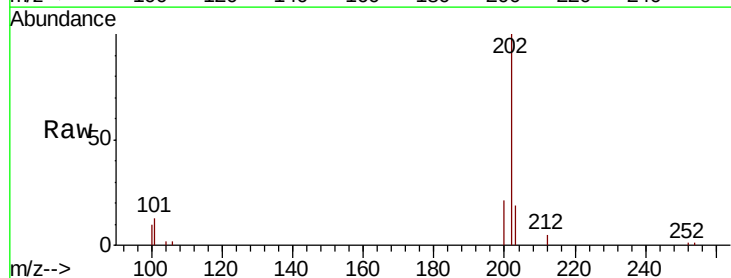


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

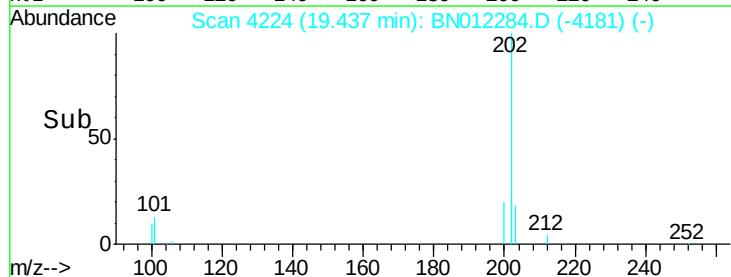
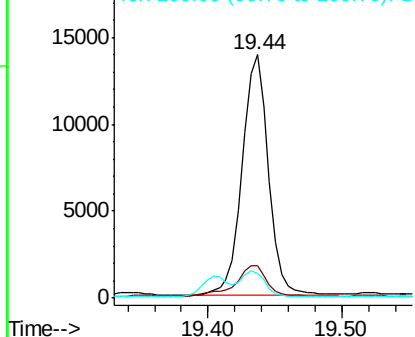


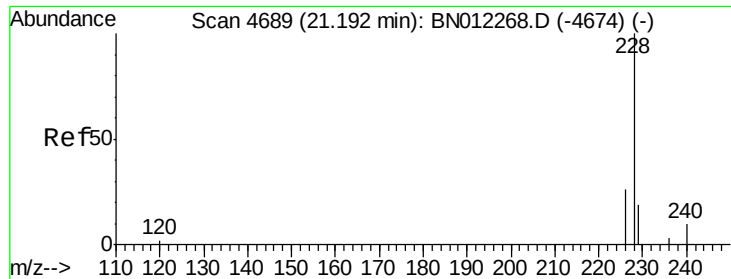
#17
Pyrene
 Concen: 0.585 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012284.D
 Acq: 17 Oct 2020 01:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	10.2	8.0	12.0



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: 0.367 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

ClientSampleId :

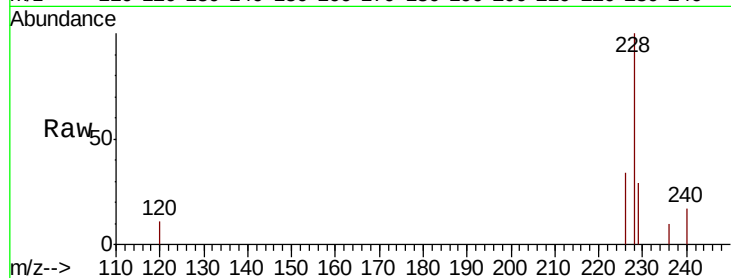
Tot Ion:228 Resp: 9764

Ion Ratio Lower Upper

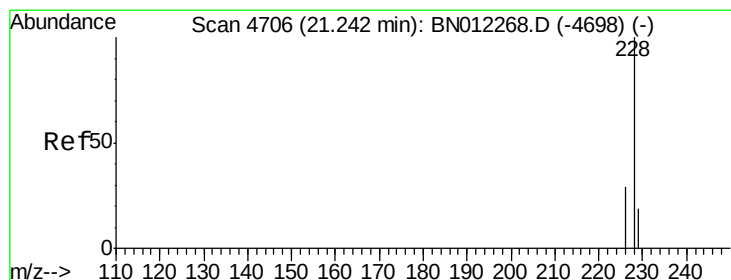
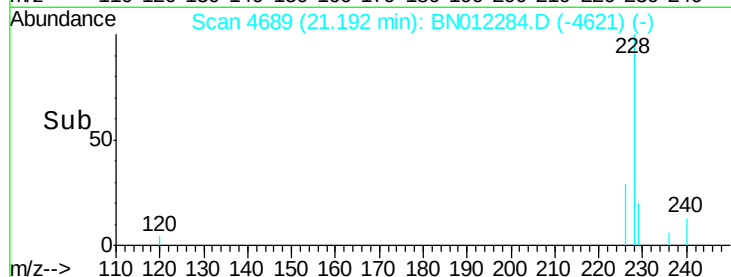
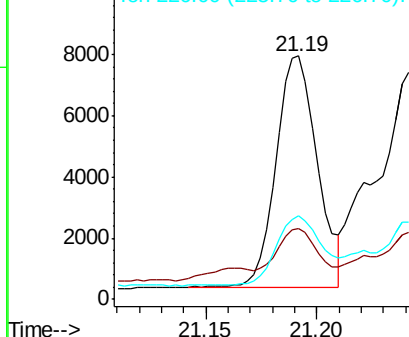
228 100

229 29.3 15.8 23.8#

226 34.3 22.6 33.8#



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: 0.371 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

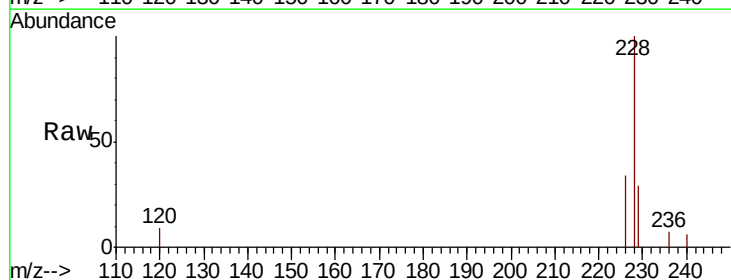
Tgt Ion:228 Resp: 12007

Ion Ratio Lower Upper

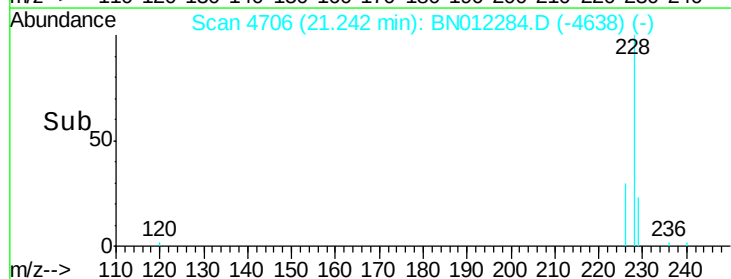
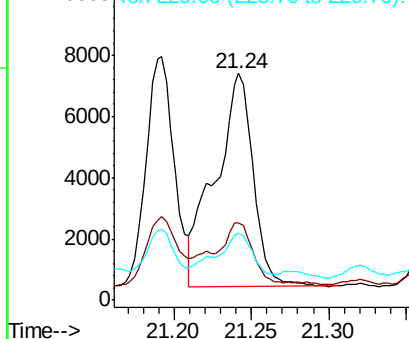
228 100

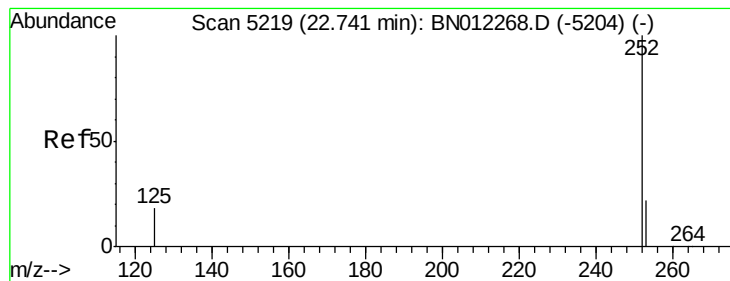
226 34.2 24.6 37.0

229 29.4 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: 0.772 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

ClientSampleId :

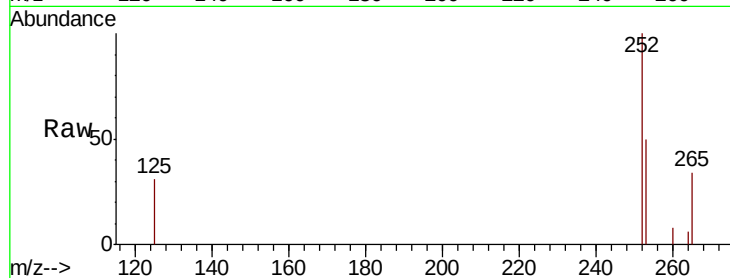
Tot Ion:252 Resp: 22350

Ion Ratio Lower Upper

252 100

253 50.4 0.0 61.6

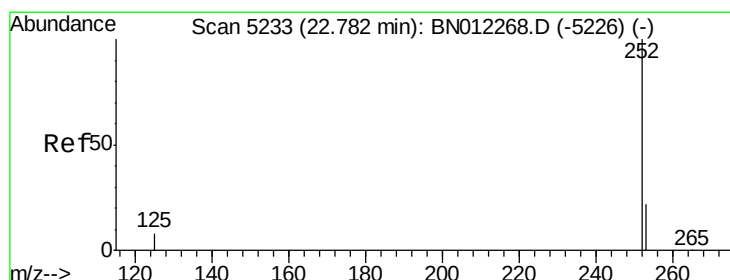
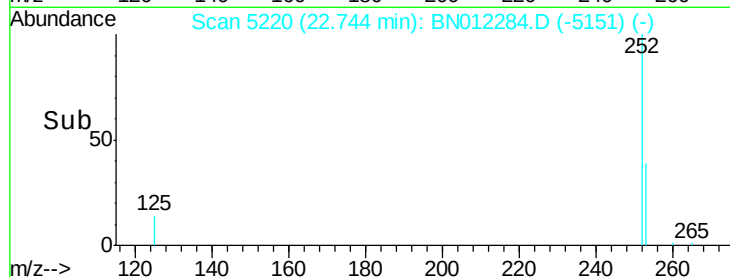
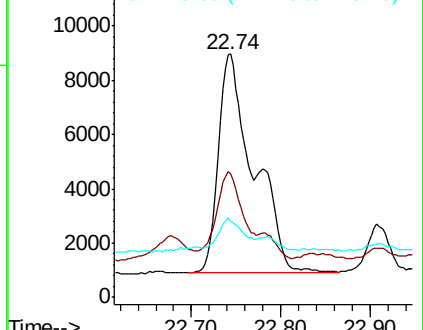
125 31.4 0.0 36.8



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: 0.697 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

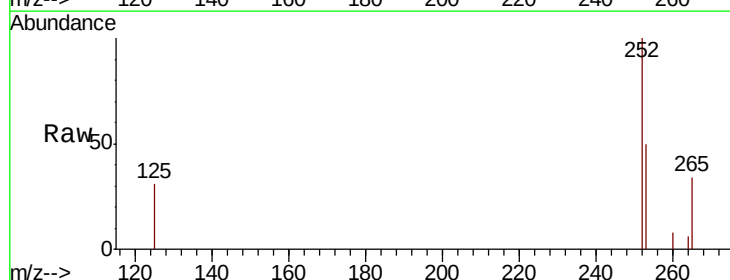
Tgt Ion:252 Resp: 22350

Ion Ratio Lower Upper

252 100

253 50.4 24.4 36.6#

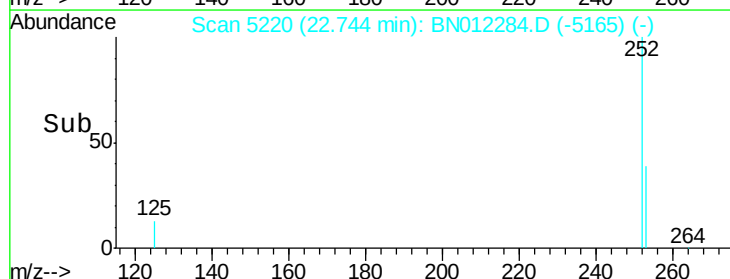
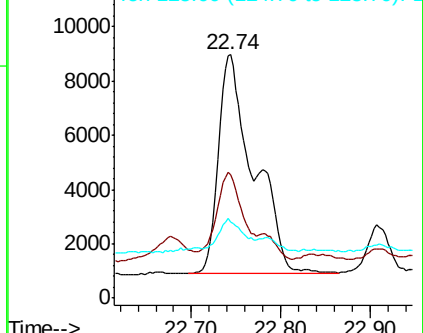
125 31.4 12.9 19.3#

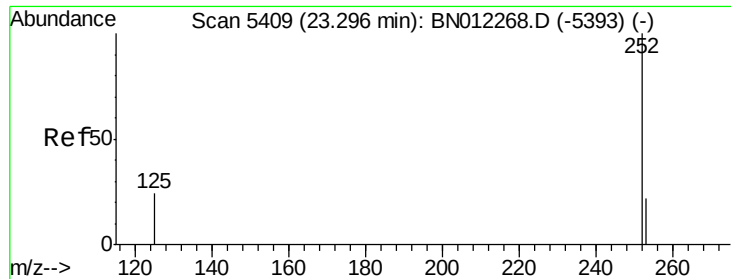


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.413 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

Instrument :

BNA_N

ClientSampleId :

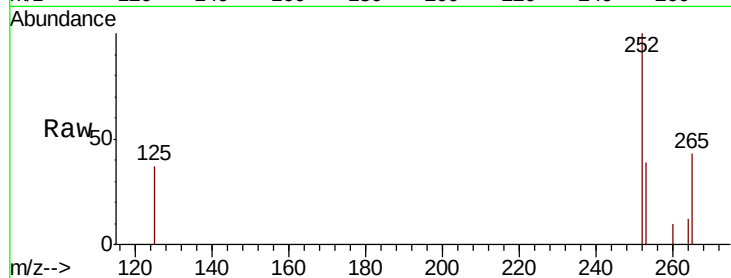
Tot Ion:252 Resp: 11630

Ion Ratio Lower Upper

252 100

253 38.9 27.0 40.4

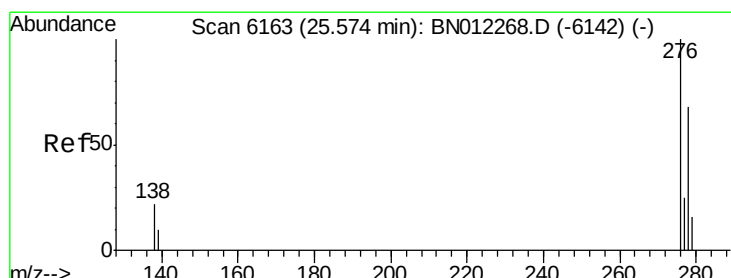
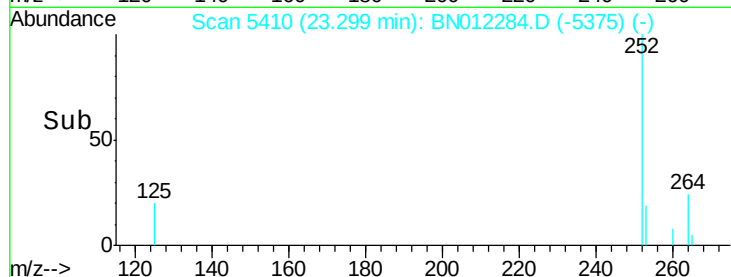
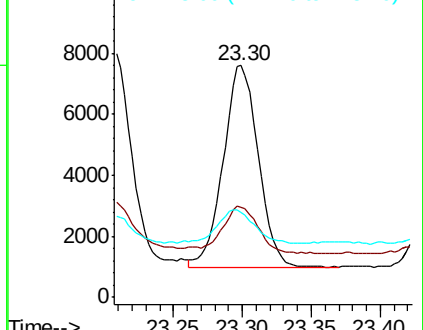
125 36.8 18.8 28.2#



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: 0.279 ng/ul

RT: 25.58 min Scan# 6165

Delta R.T. 0.01 min

Lab File: BN012284.D

Acq: 17 Oct 2020 01:30

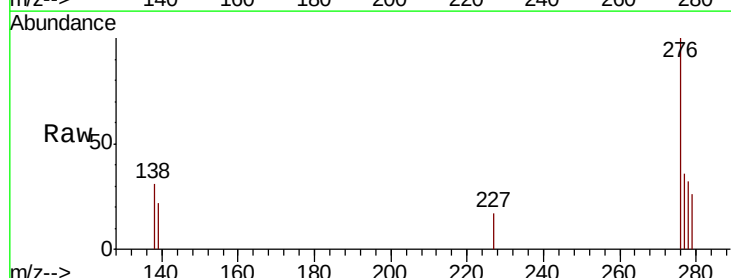
Tgt Ion:276 Resp: 10118

Ion Ratio Lower Upper

276 100

138 19.1 0.0 0.0#

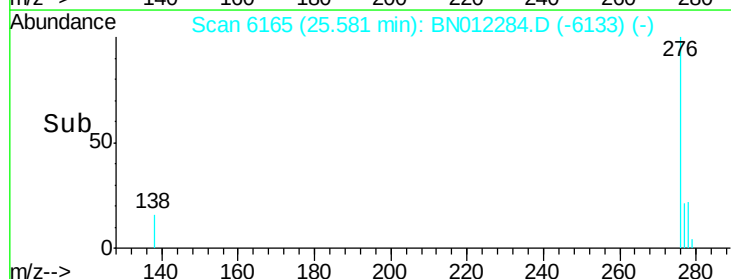
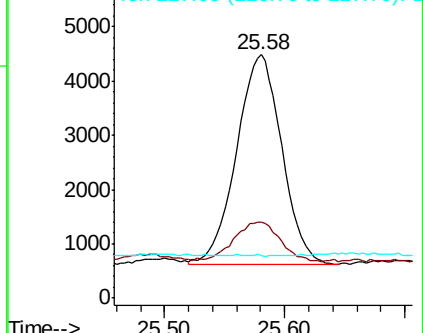
227 0.0 0.0 0.0

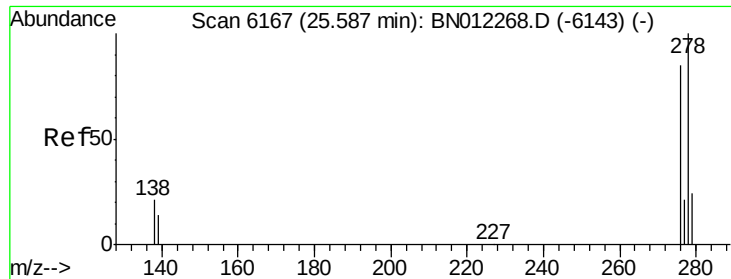


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

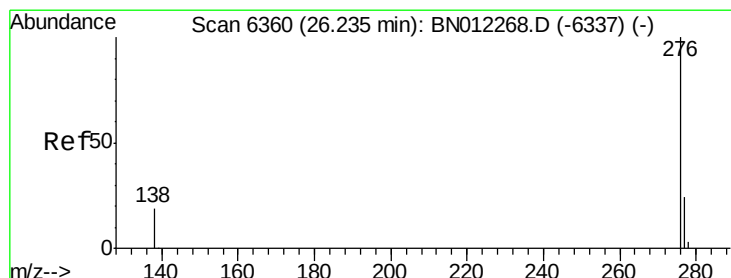
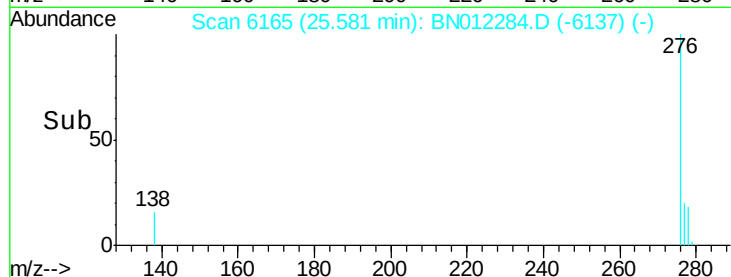
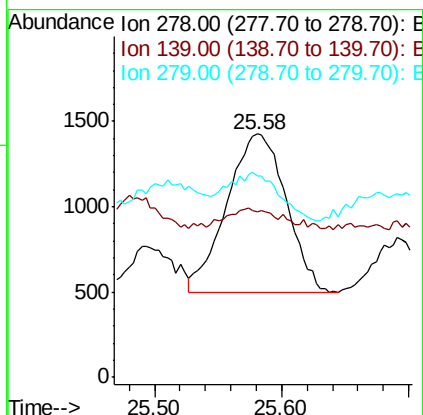
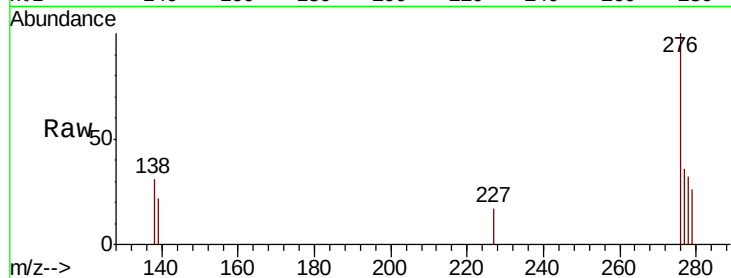




#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 3034
Ion Ratio Lower Upper
278 100
139 68.1 15.7 23.5#
279 82.6 26.0 39.0#



#26
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012284.D
Acq: 17 Oct 2020 01:30

Tgt Ion:276 Resp: 14622
Ion Ratio Lower Upper
276 100
138 30.0 17.1 25.7#
277 33.4 21.1 31.7#

