

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012252.D
 Acq On : 16 Oct 2020 04:14
 Operator : CG/JU
 Sample : L4235-16
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 06:28:24 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 06:21:01 2020
 Response via : Initial Calibration

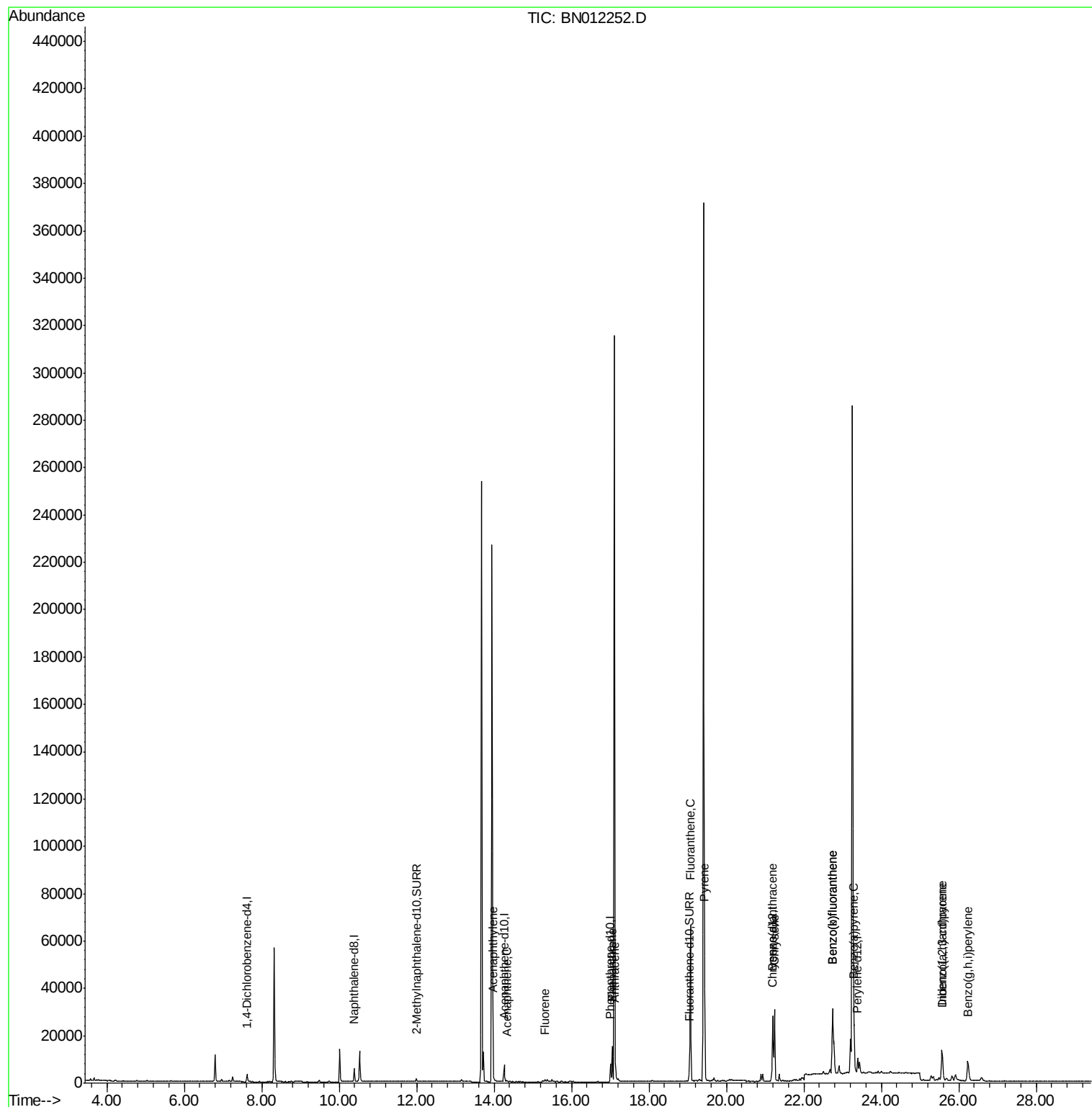
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1664	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7071	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4139	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8627	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7571	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7793	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1774	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4083	0.17	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	896	0.050	ng/ul#	85
8) Acenaphthene	14.32	153	376	0.025	ng/ul	96
9) Fluorene	15.31	166	568	0.034	ng/ul#	96
12) Phenanthrene	17.05	178	15622	0.568	ng/ul	98
13) Anthracene	17.14	178	2778	0.118	ng/ul	96
15) Fluoranthene	19.07	202	53973	1.678	ng/ul	99
17) Pyrene	19.44	202	44072	1.291	ng/ul	98
18) Benzo(a)anthracene	21.19	228	22205	0.792	ng/ul	98
19) Chrysene	21.24	228	29878	0.874	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	57267	1.819	ng/ul	90
22) Benzo(k)fluoranthene	22.74	252	57267	1.644	ng/ul	92
23) Benzo(a)pyrene	23.30	252	23254	0.759	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.57	276	19314	0.491	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4861	0.154	ng/ul#	91
26) Benzo(g,h,i)perylene	26.23	276	16987	0.471	ng/ul	98

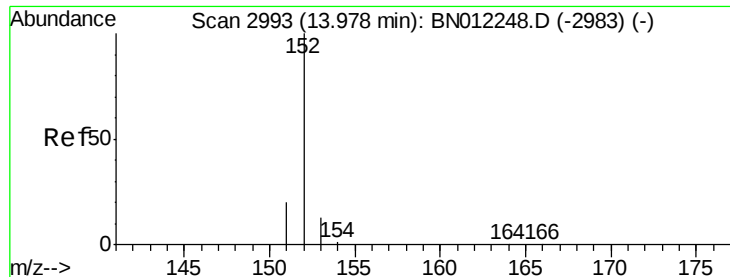
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

ClientSampleId :

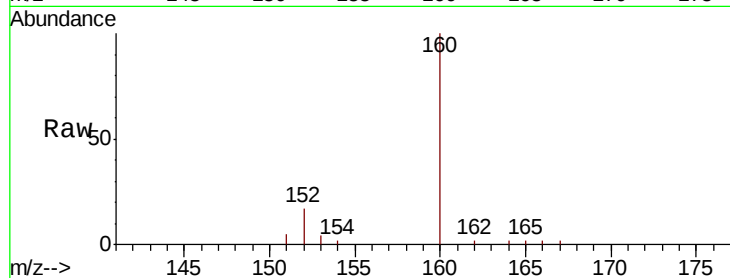
Tot Ion:152 Resp: 896

Ion Ratio Lower Upper

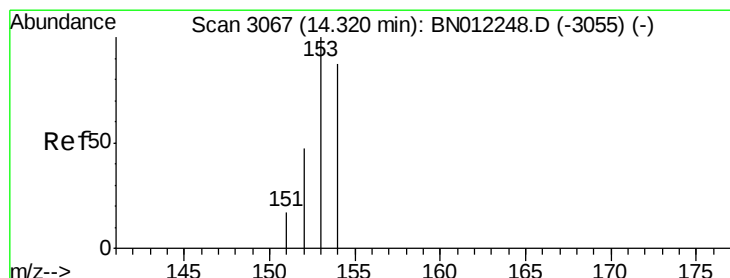
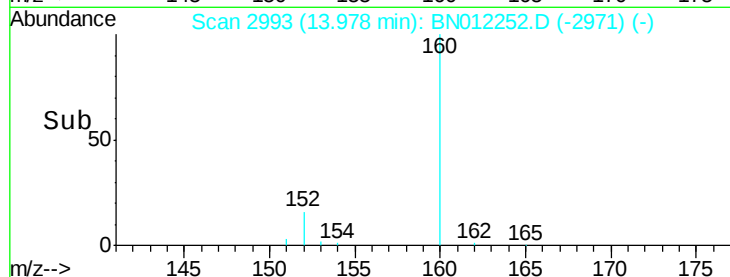
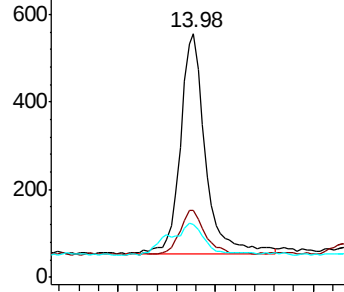
152 100

151 27.5 16.7 25.1#

153 21.6 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



#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

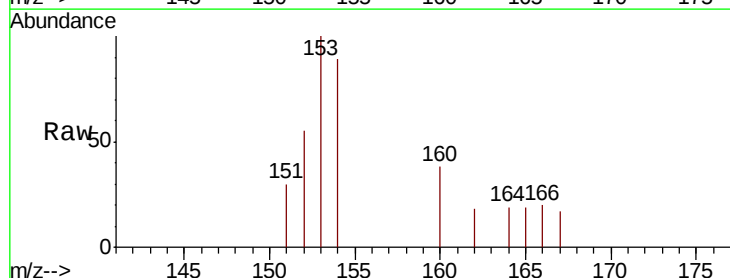
Tgt Ion:153 Resp: 376

Ion Ratio Lower Upper

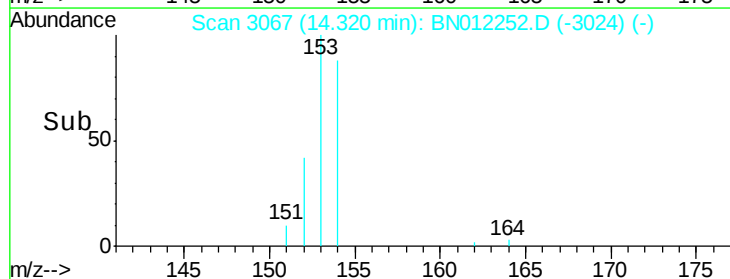
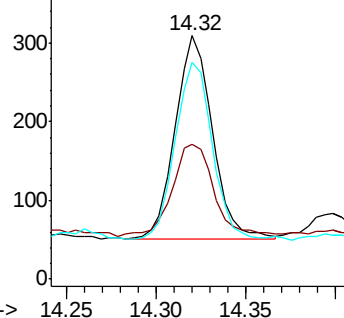
153 100

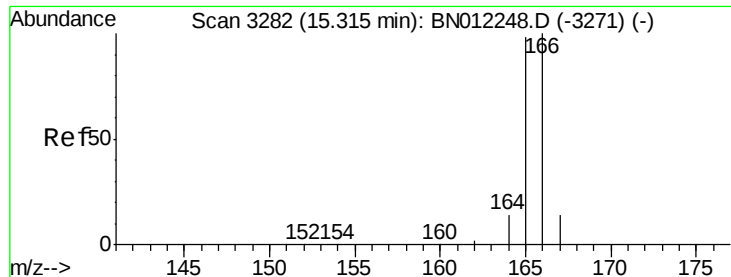
152 55.3 38.2 57.2

154 89.3 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

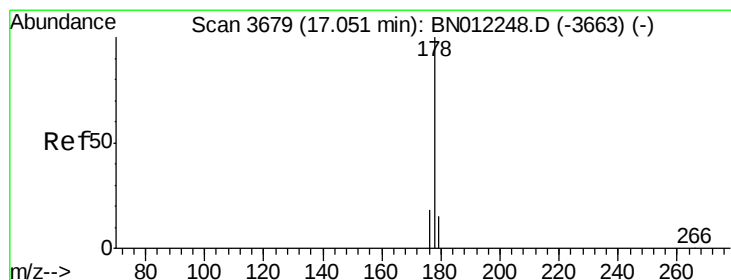
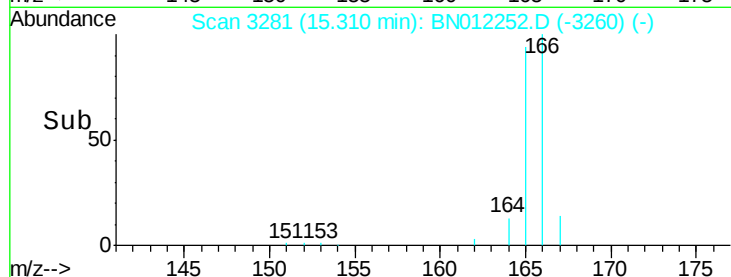
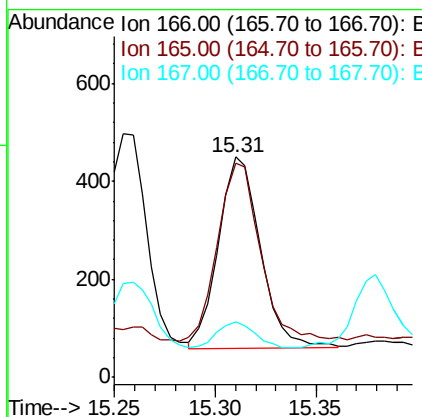
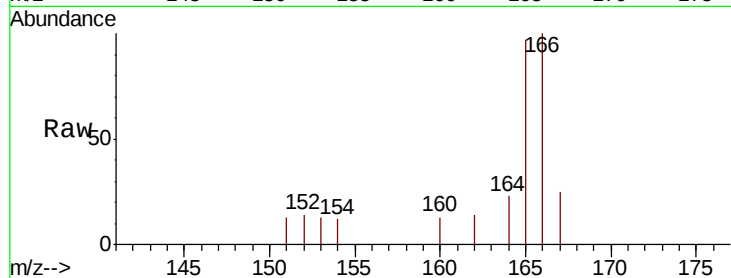




#9
Fluorene
 Concen: 0.034 ng/ul
 RT: 15.31 min Scan# 3281
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

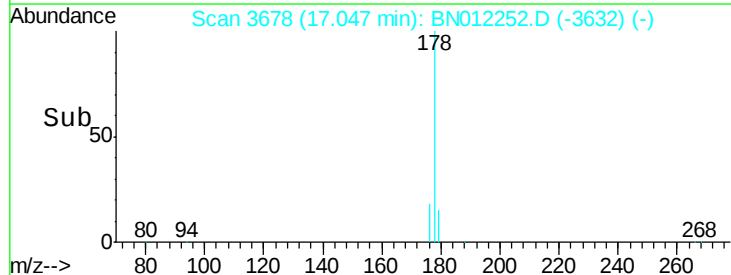
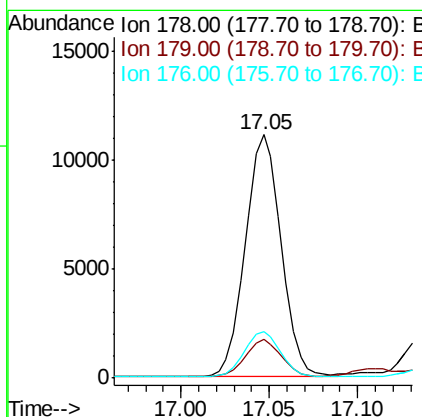
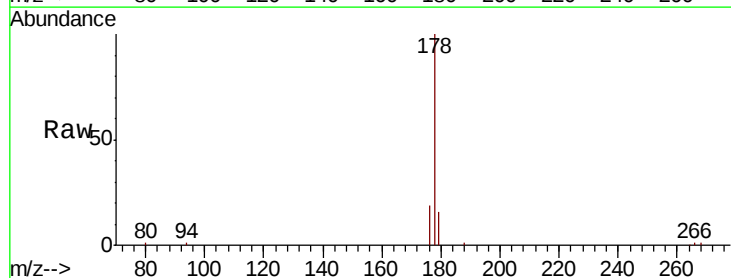
Instrument :
 BNA_N
 ClientSampleId :

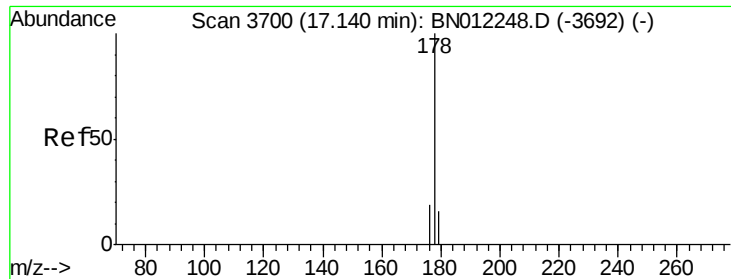
Tot Ion:166 Resp: 568
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.6 118.0
 167 24.9 11.9 17.9#



#12
Phenanthrene
 Concen: 0.568 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Tgt Ion:178 Resp: 15622
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.4 20.2
 176 18.8 15.7 23.5





#13

Anthracene

Concen: 0.118 ng/ul

RT: 17.14 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

ClientSampleId :

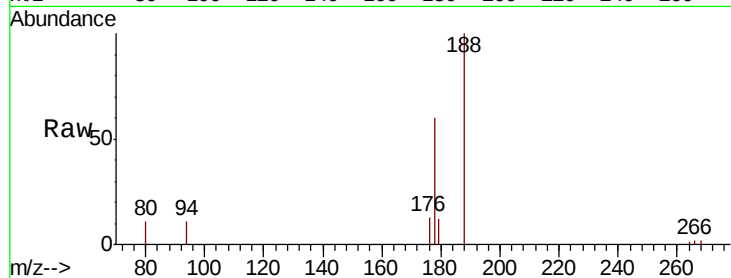
Tot Ion:178 Resp: 2778

Ion Ratio Lower Upper

178 100

179 19.5 13.9 20.9

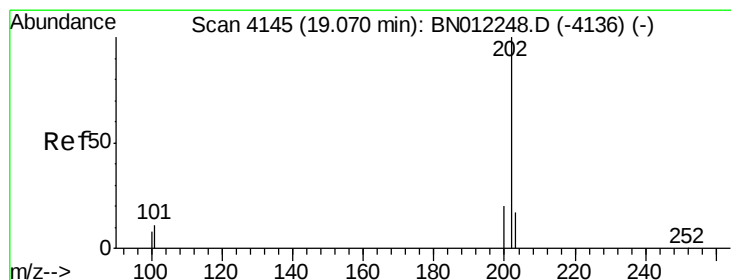
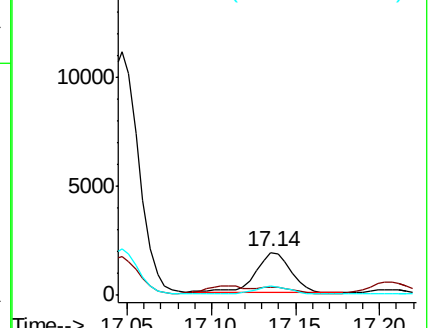
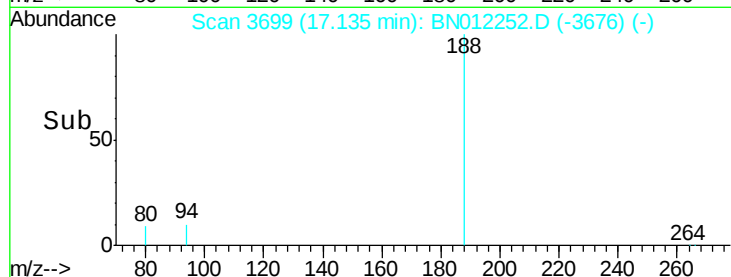
176 21.0 15.4 23.0



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: 1.678 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

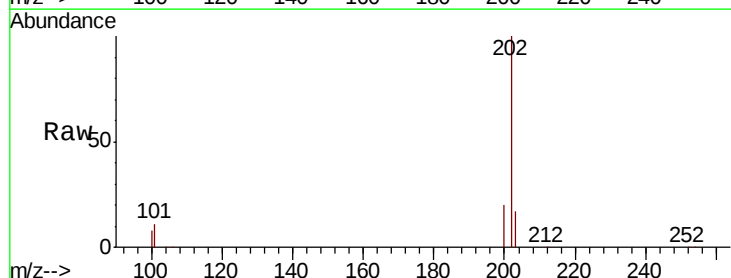
Tgt Ion:202 Resp: 53973

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.0

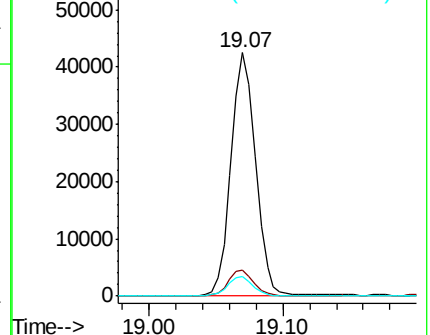
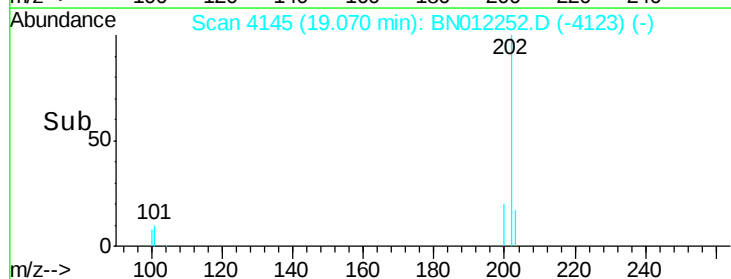
100 8.0 0.0 28.7

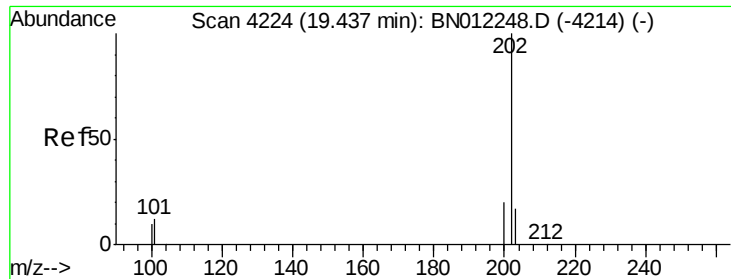


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

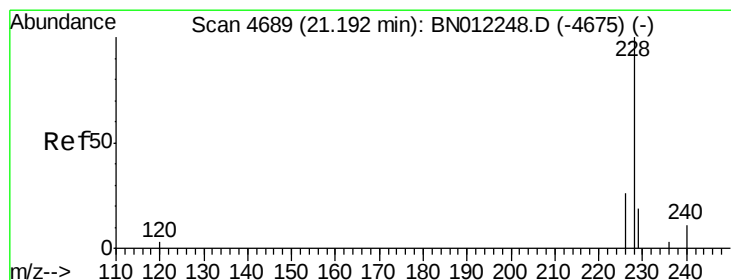
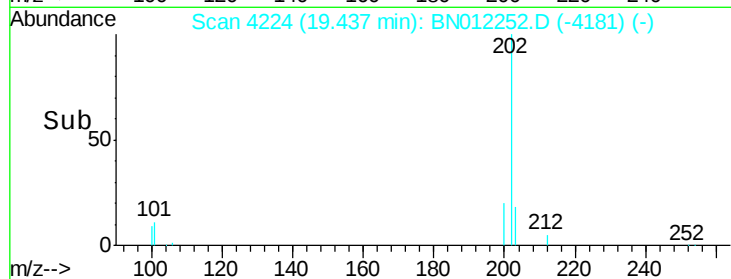
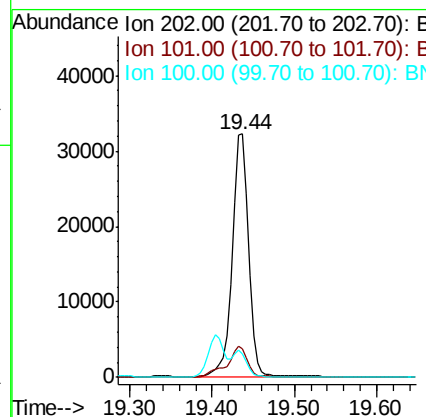
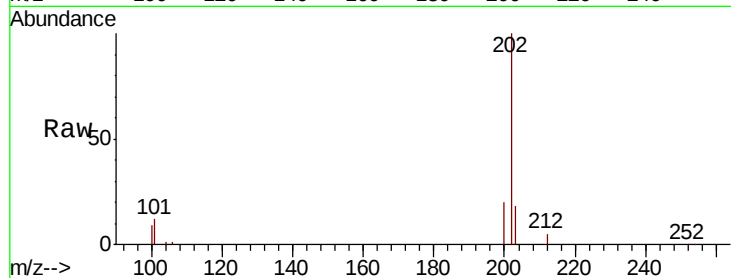




#17
 Pvrene
 Concen: 1.291 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

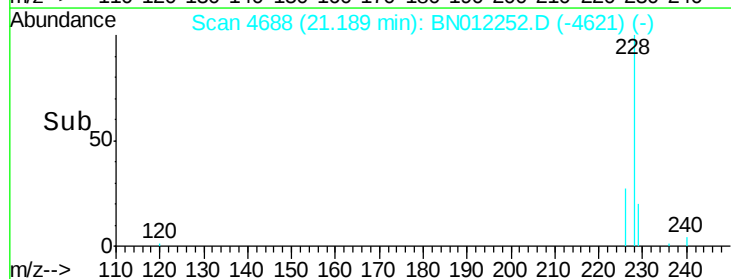
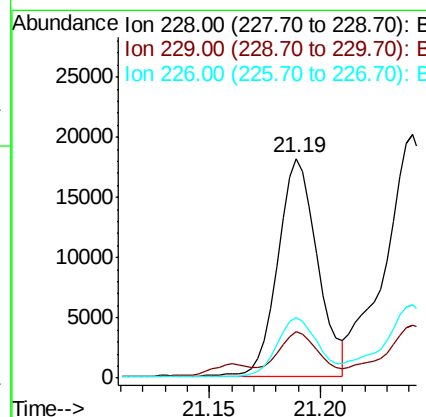
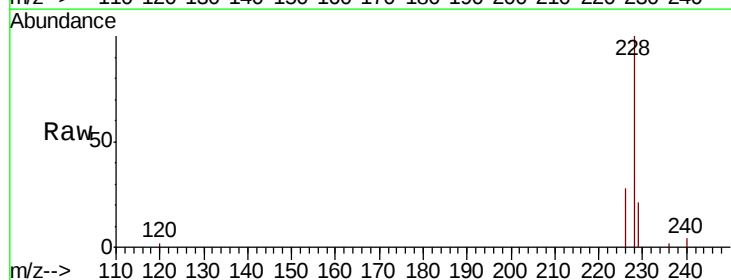
Instrument :
 BNA_N
 ClientSampleId :

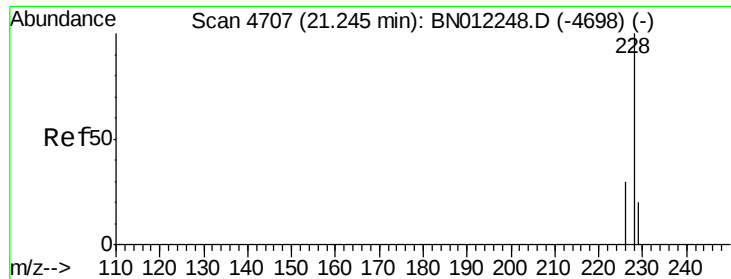
Tot Ion:202 Resp: 44072
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.9 14.9
 100 9.5 8.0 12.0



#18
 Benzo(a)anthracene
 Concen: 0.792 ng/ul
 RT: 21.19 min Scan# 4688
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Tgt Ion:228 Resp: 22205
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.8 23.8
 226 27.7 22.6 33.8





#19

Chrysene

Concen: 0.874 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

ClientSampleId :

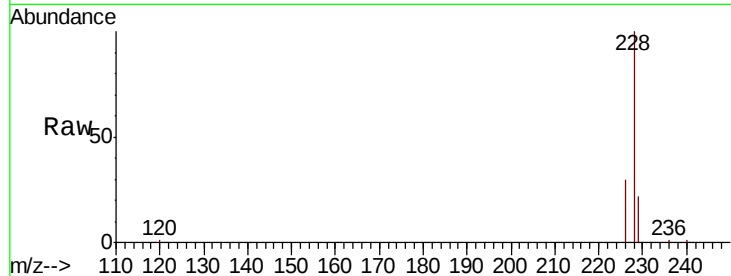
Tot Ion:228 Resp: 29878

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

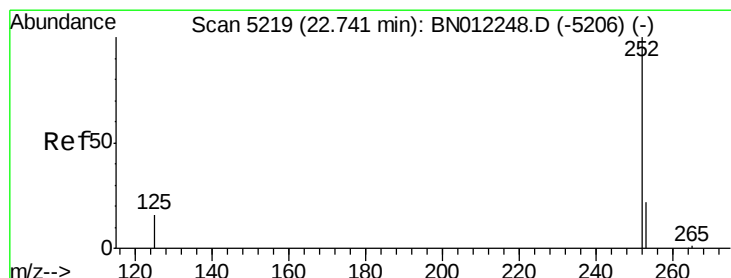
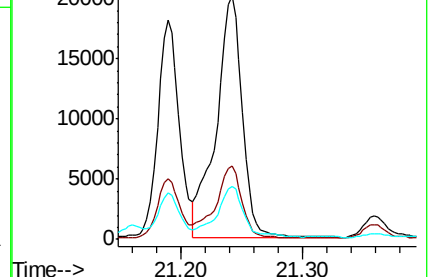
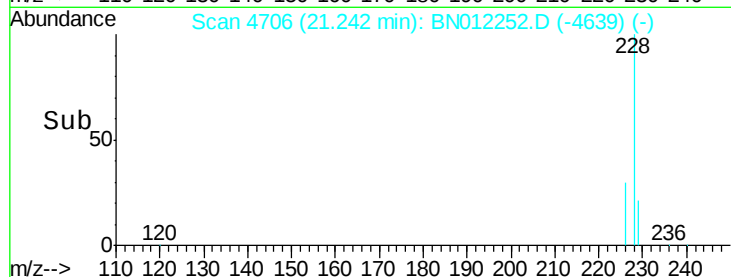
229 21.8 17.0 25.6



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: 1.819 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

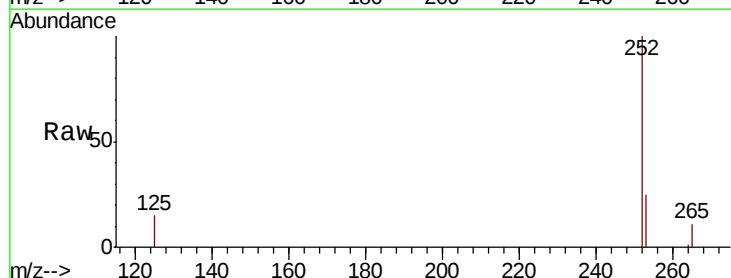
Tgt Ion:252 Resp: 57267

Ion Ratio Lower Upper

252 100

253 24.6 0.0 61.6

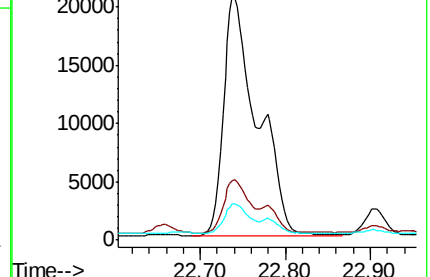
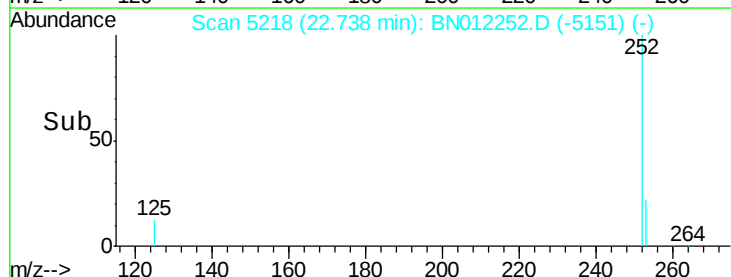
125 14.9 0.0 36.8

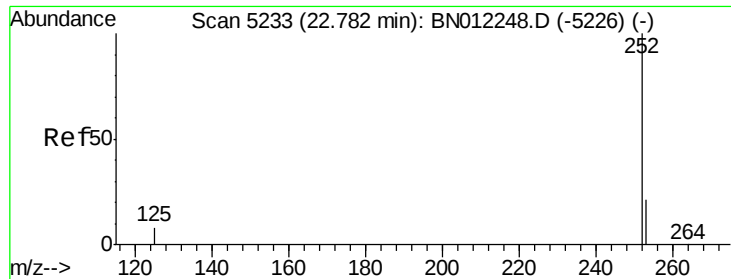


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.644 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.04 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

ClientSampleId :

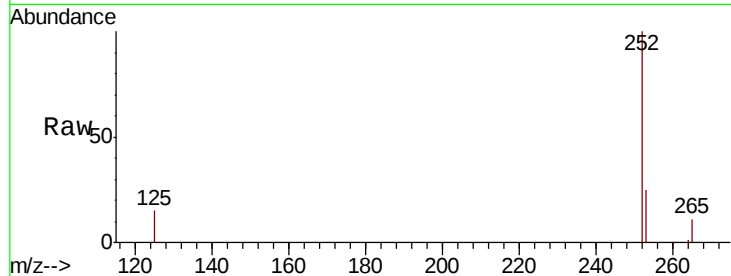
Tot Ion:252 Resp: 57267

Ion Ratio Lower Upper

252 100

253 24.6 24.4 36.6

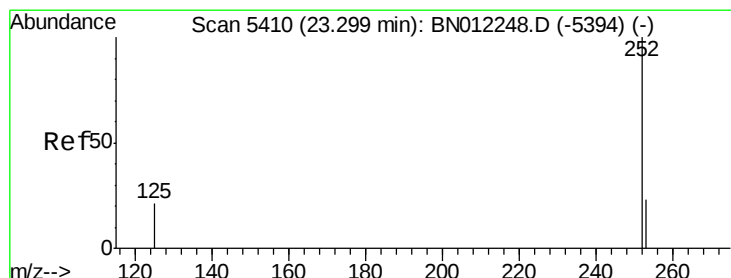
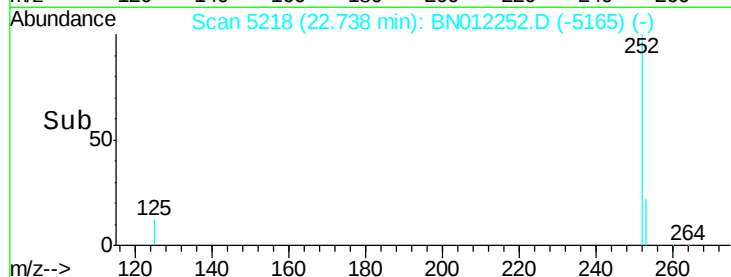
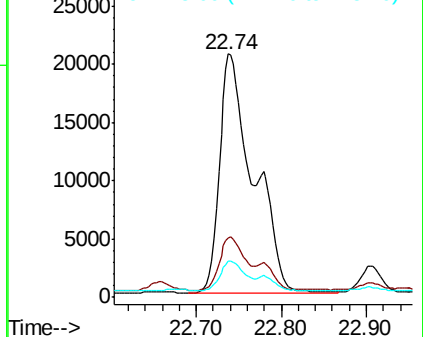
125 14.9 12.9 19.3



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: 0.759 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

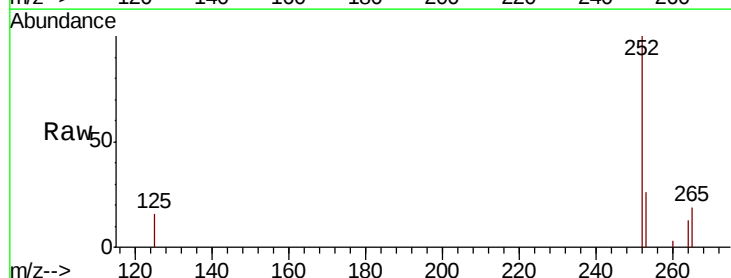
Tgt Ion:252 Resp: 23254

Ion Ratio Lower Upper

252 100

253 26.1 27.0 40.4#

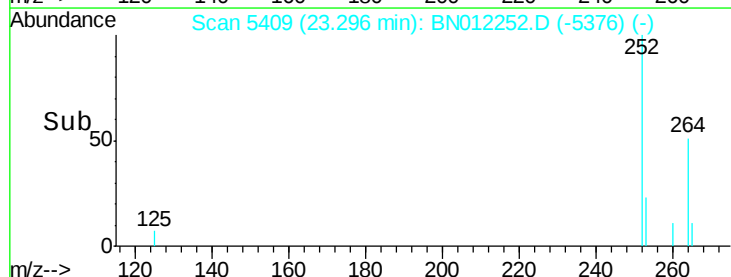
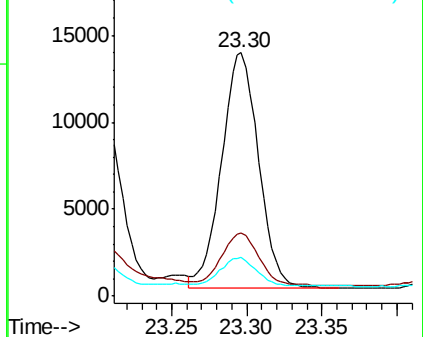
125 15.7 18.8 28.2#

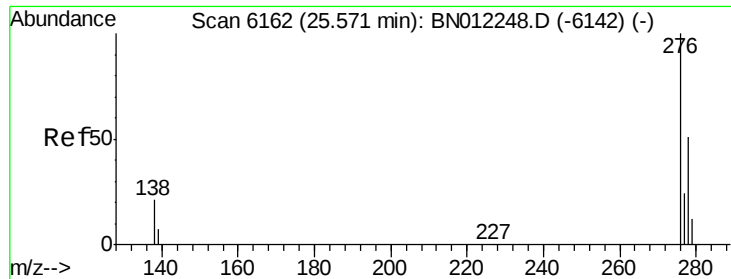


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

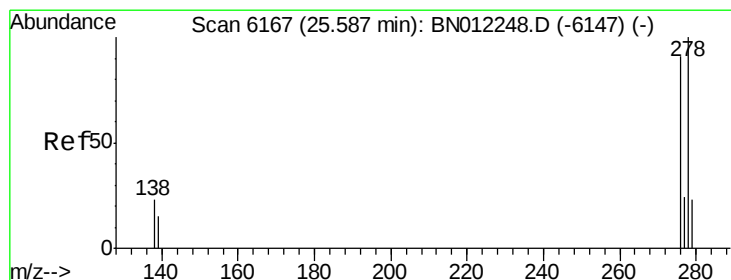
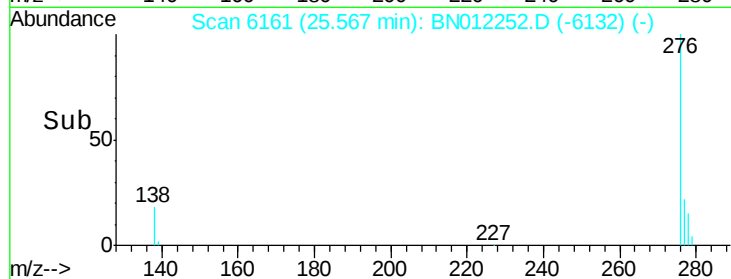
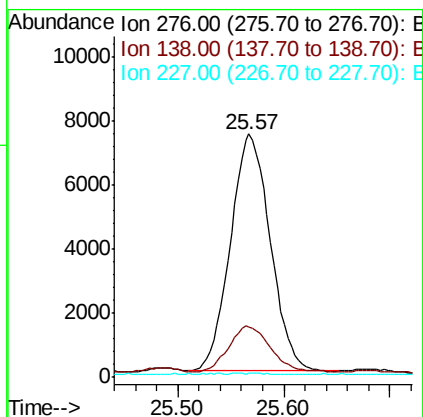
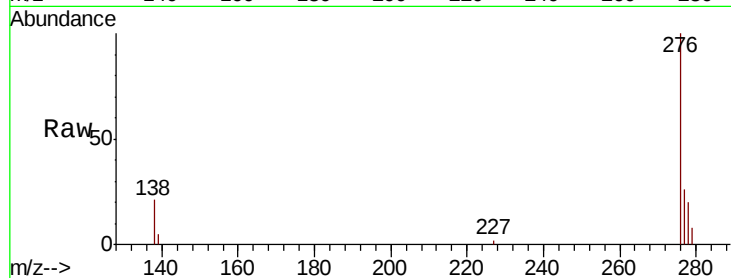




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.491 ng/ul
 RT: 25.57 min Scan# 6161
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

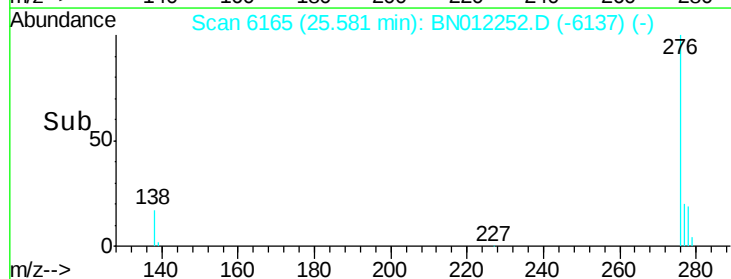
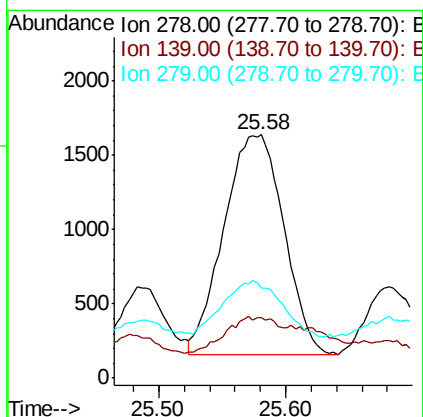
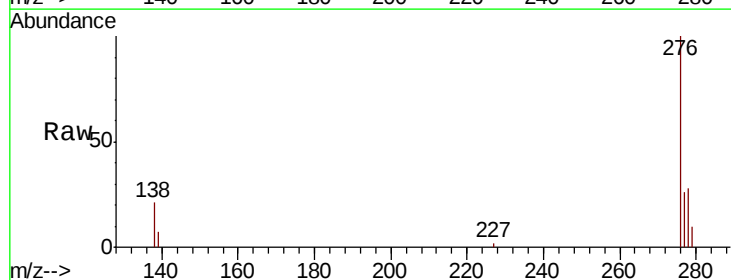
Instrument :
 BNA_N
 ClientSampleId :

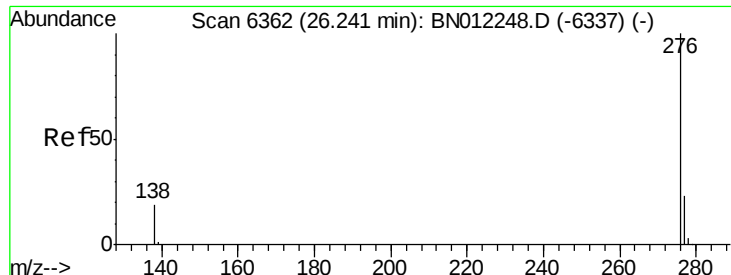
Tot Ion:276 Resp: 19314
 Ion Ratio Lower Upper
 276 100
 138 19.8 0.0 0.0#
 227 0.1 0.0 0.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.154 ng/ul
 RT: 25.58 min Scan# 6165
 Delta R.T. -0.01 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Tgt Ion:278 Resp: 4861
 Ion Ratio Lower Upper
 278 100
 139 25.1 15.7 23.5#
 279 36.9 26.0 39.0

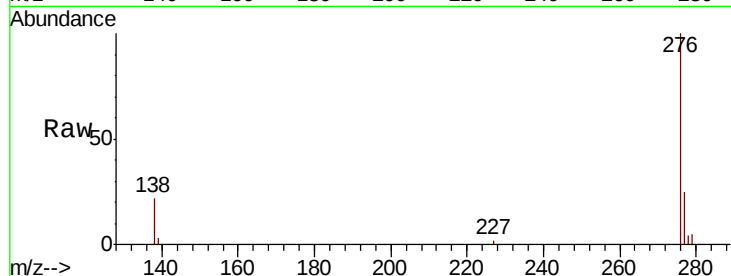




#26
Benzo(a,h,i)perylene
Concen: 0.471 ng/ul
RT: 26.23 min Scan# 6360
Delta R.T. -0.01 min
Lab File: BN012252.D
Acq: 16 Oct 2020 04:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.1	25.7
277	24.9	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

