

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012217.D
 Acq On : 15 Oct 2020 05:22
 Operator : CG/JU
 Sample : L4184-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 07:17:04 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 : Thu Oct 15 04:47:44 2020
 Response via : Initial Calibration

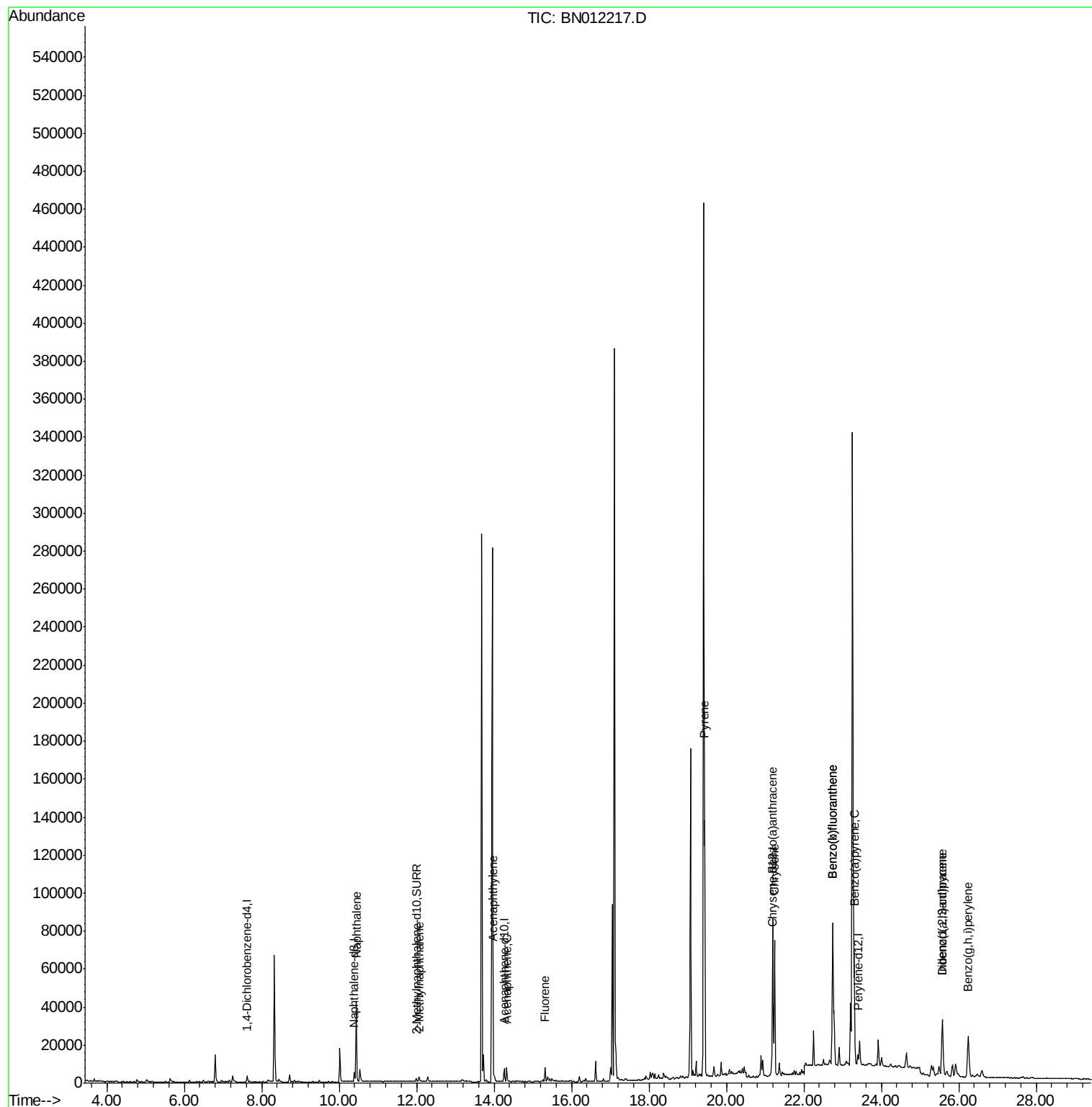
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3759	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.01
16) Chrysene-d12	21.21	240	6898	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6652	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2132	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	5057	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	22336	1.231	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	1986	0.172	ng/ul	100
7) Acenaphthylene	13.98	152	3138	0.192	ng/ul#	93
8) Acenaphthene	14.32	153	4229	0.307	ng/ul	98
9) Fluorene	15.31	166	4508	0.294	ng/ul	99
17) Pyrene	19.44	202	123236	3.963	ng/ul	98
18) Benzo(a)anthracene	21.19	228	66130	2.588	ng/ul	98
19) Chrysene	21.24	228	68438	2.199	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	123131	4.583	ng/ul#	71
22) Benzo(k)fluoranthene	22.74	252	123131	4.140	ng/ul#	70
23) Benzo(a)pyrene	23.30	252	58854	2.252	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.57	276	46291	1.379	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	12126	0.451	ng/ul#	82
26) Benzo(g,h,i)perylene	26.24	276	43968	1.429	ng/ul	98

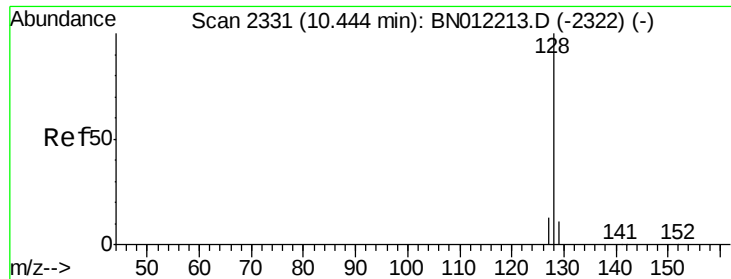
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.231 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

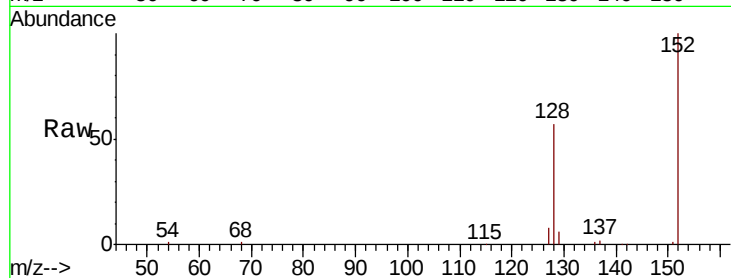
Tot Ion:128 Resp: 22336

Ion Ratio Lower Upper

128 100

129 11.3 10.3 15.5

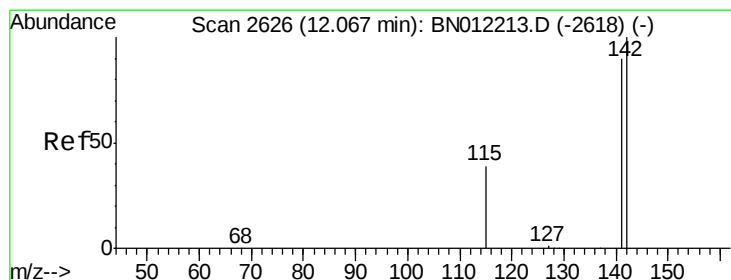
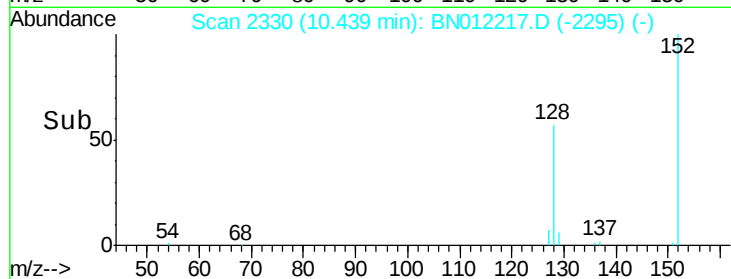
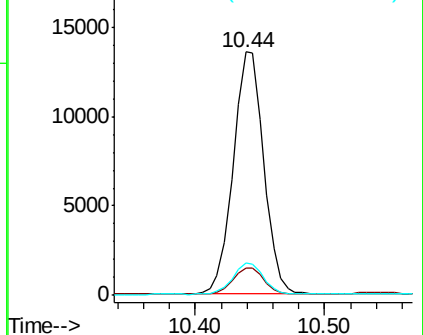
127 13.4 11.9 17.9



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: 0.172 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.00 min

Lab File: BN012217.D

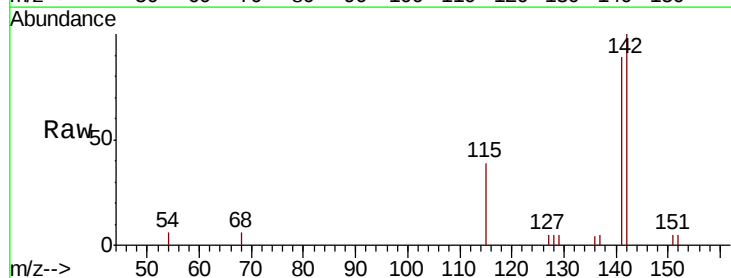
Acq: 15 Oct 2020 05:22

Tgt Ion:142 Resp: 1986

Ion Ratio Lower Upper

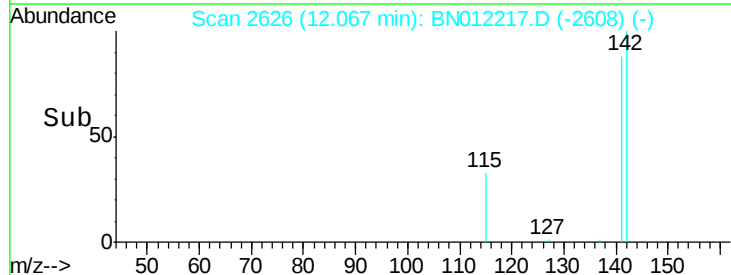
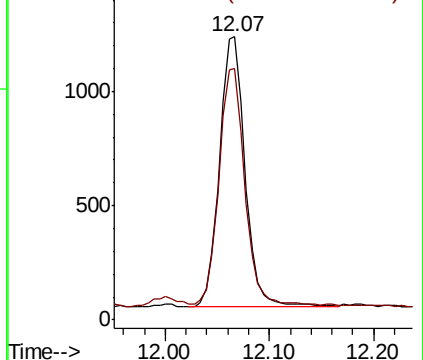
142 100

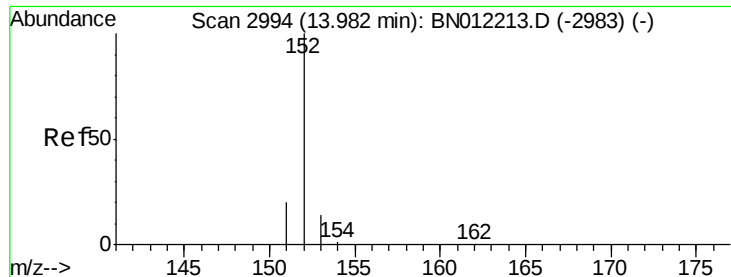
141 89.3 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.192 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

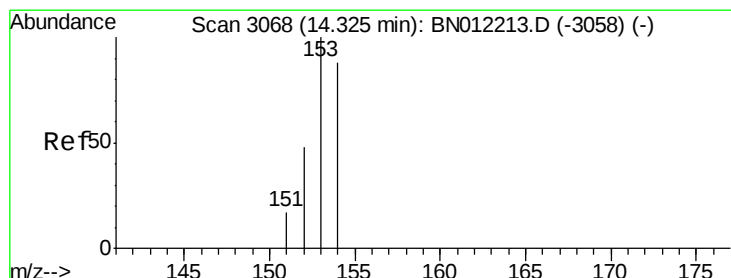
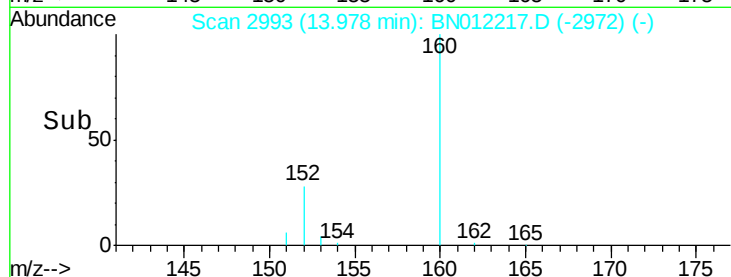
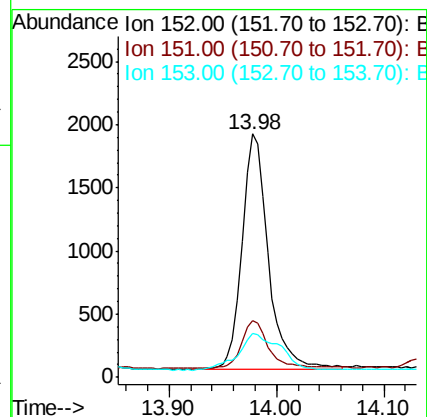
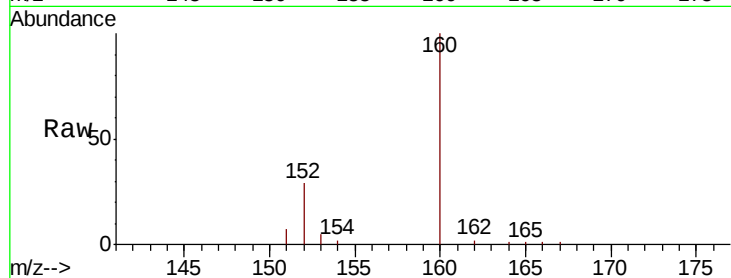
Tot Ion:152 Resp: 3138

Ion Ratio Lower Upper

152 100

151 23.5 16.7 25.1

153 18.3 11.8 17.8#



#8

Acenaphthene

Concen: 0.307 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

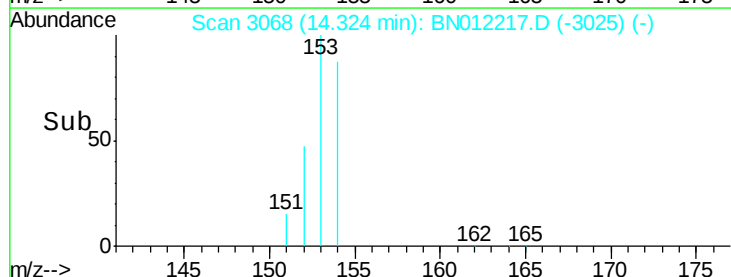
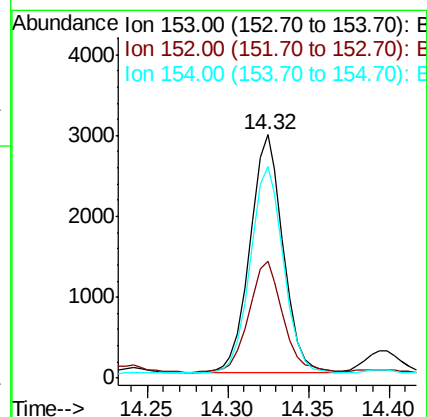
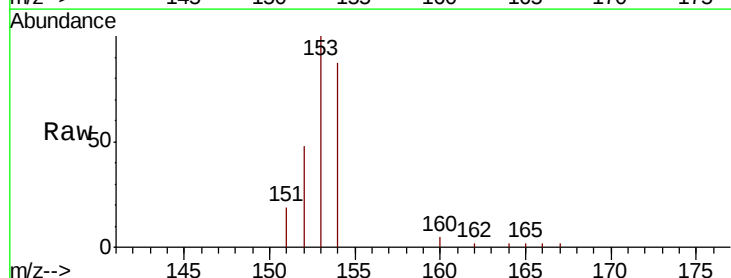
Tgt Ion:153 Resp: 4229

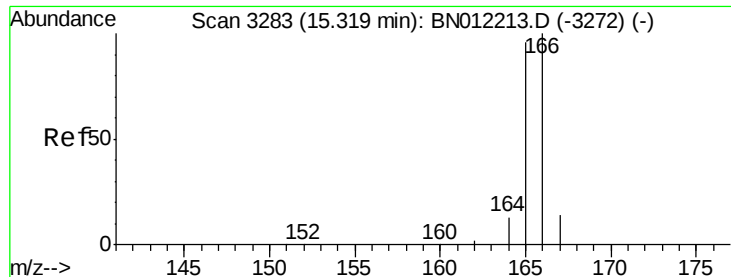
Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.2

154 86.8 71.1 106.7





#9

Fluorene

Concen: 0.294 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

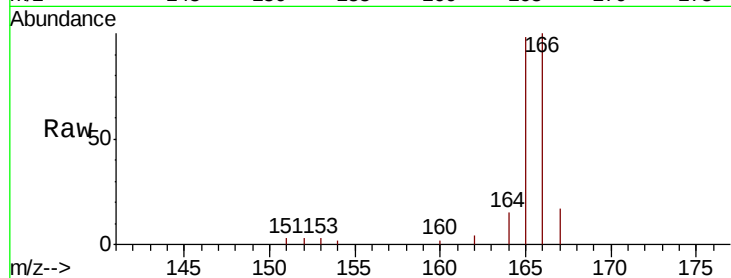
Tot Ion:166 Resp: 4508

Ion Ratio Lower Upper

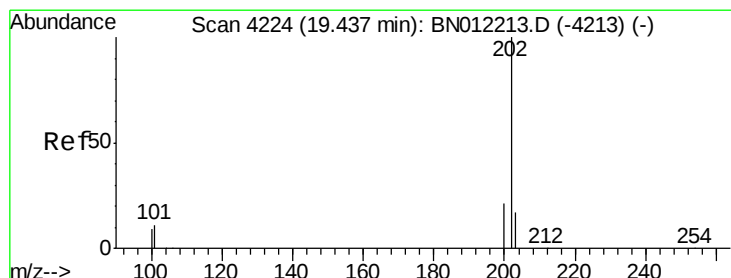
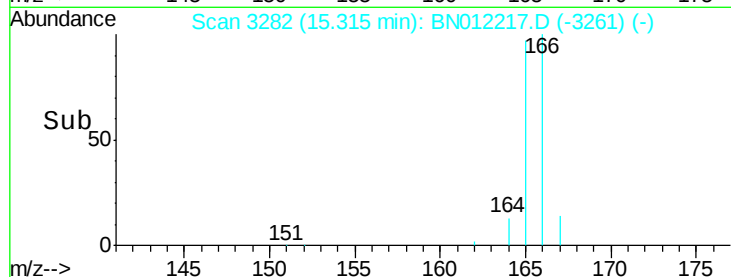
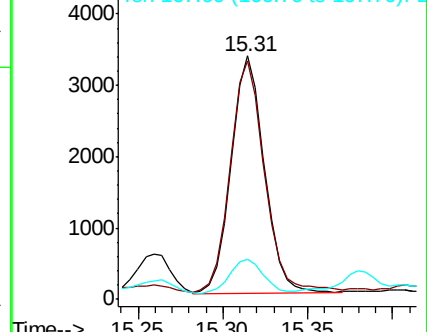
166 100

165 97.7 78.6 118.0

167 16.7 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



#17

Pyrene

Concen: 3.963 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

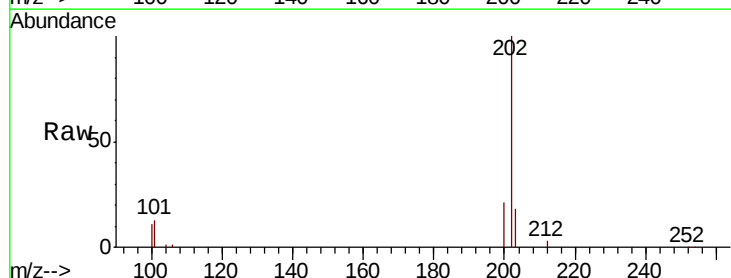
Tgt Ion:202 Resp: 123236

Ion Ratio Lower Upper

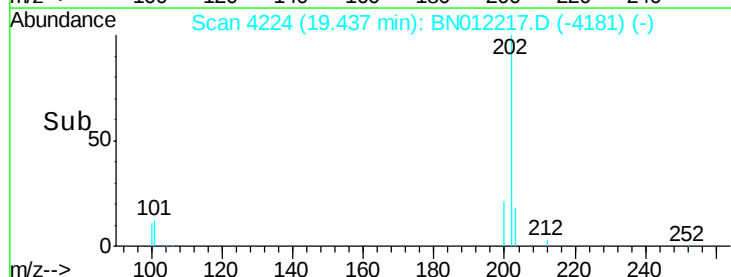
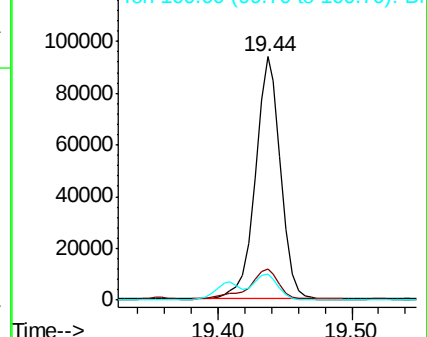
202 100

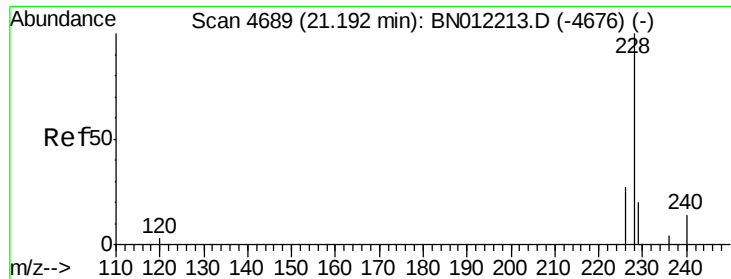
101 13.0 9.9 14.9

100 10.8 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: 2.588 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

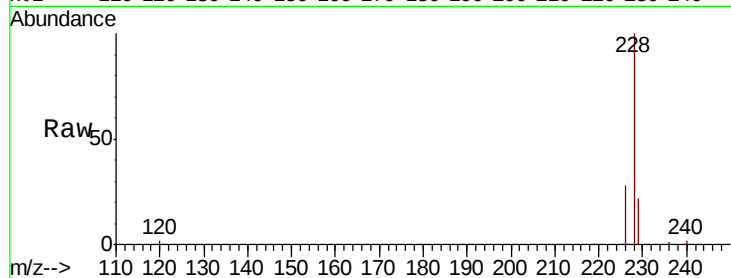
Tot Ion:228 Resp: 66130

Ion Ratio Lower Upper

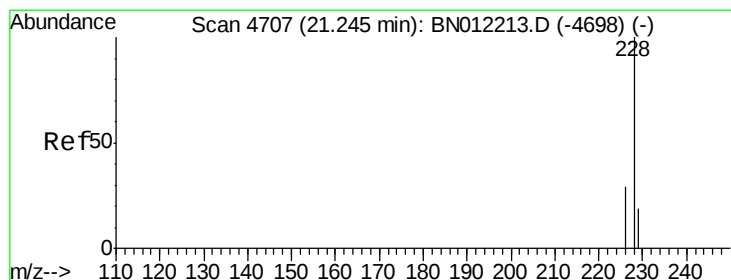
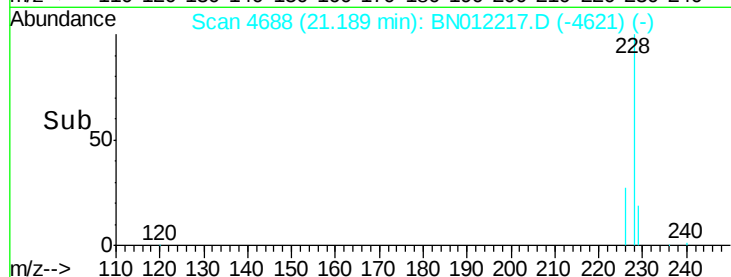
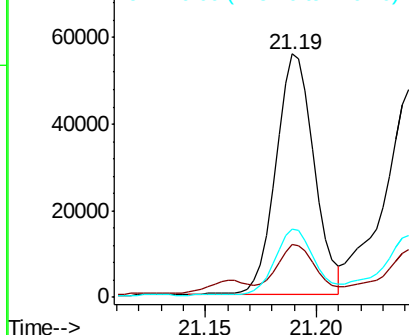
228 100

229 21.6 15.8 23.8

226 27.9 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: 2.199 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

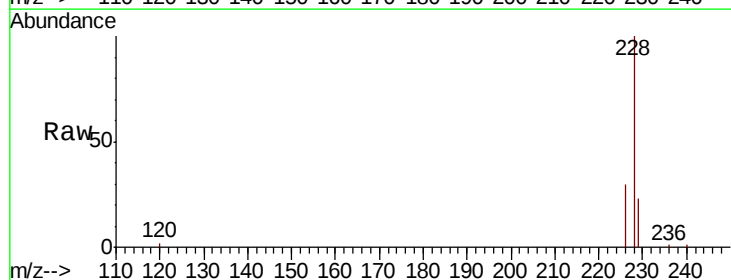
Tgt Ion:228 Resp: 68438

Ion Ratio Lower Upper

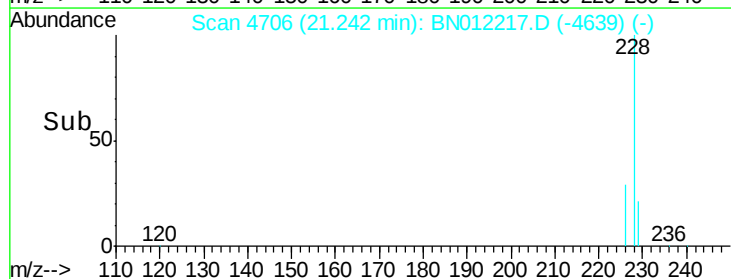
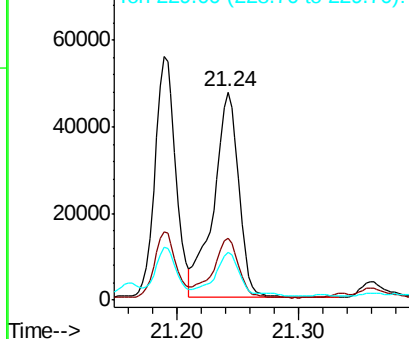
228 100

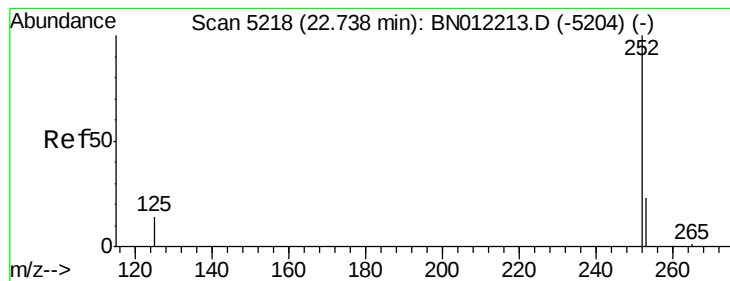
226 30.1 24.6 37.0

229 22.8 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: 4.583 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. 0.00 min

Lab File: BN012217.D

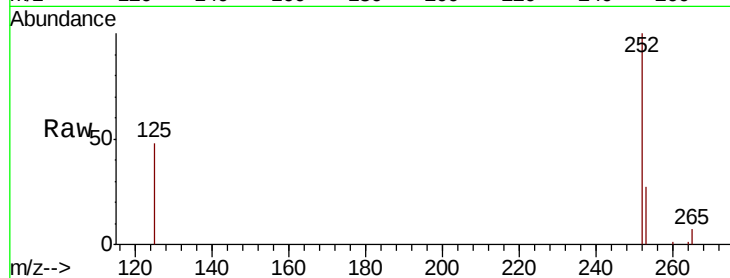
Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampled :

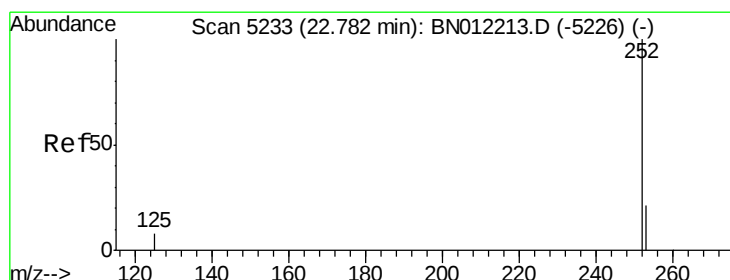
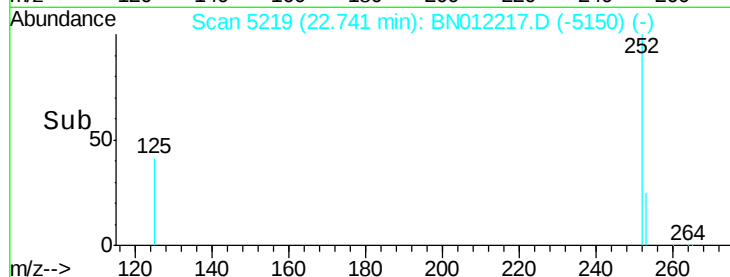
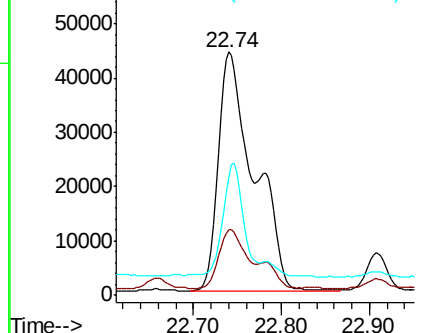
Tot Ion:252	Resp:	123131
Ion Ratio	Lower	Upper
252	100	
253	27.1	0.0 61.6
125	48.5	0.0 36.8#



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: 4.140 ng/ul

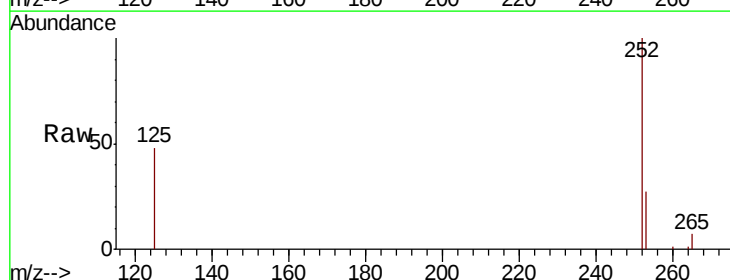
RT: 22.74 min Scan# 5219

Delta R.T. -0.04 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

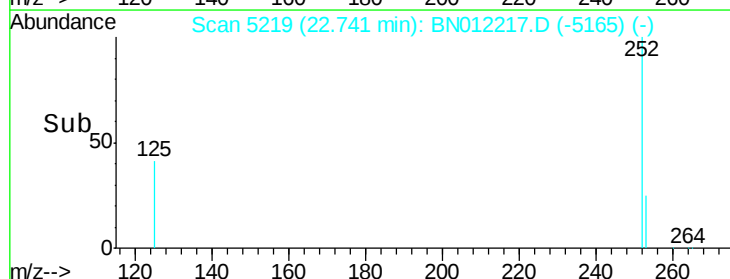
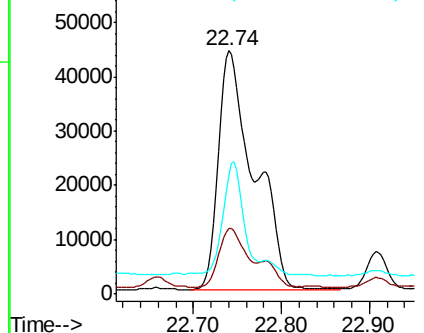
Tgt Ion:252	Resp:	123131
Ion Ratio	Lower	Upper
252	100	
253	27.1	24.4 36.6
125	48.5	12.9 19.3#

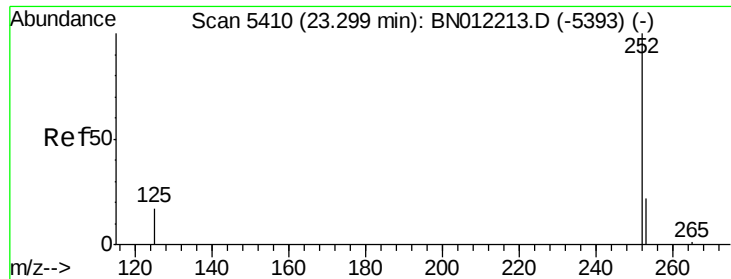


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.252 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

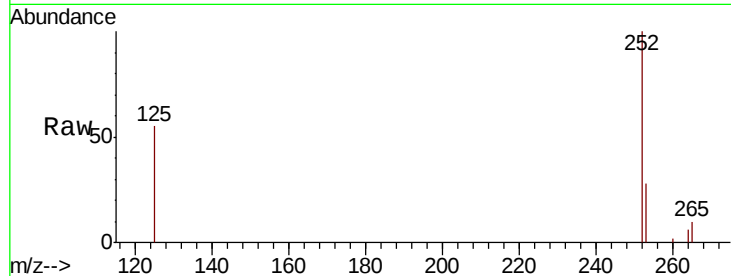
Tot Ion:252 Resp: 58854

Ion Ratio Lower Upper

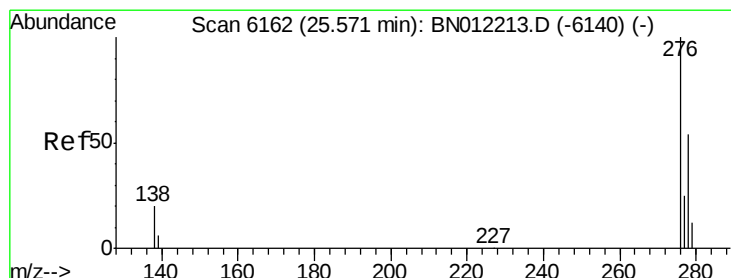
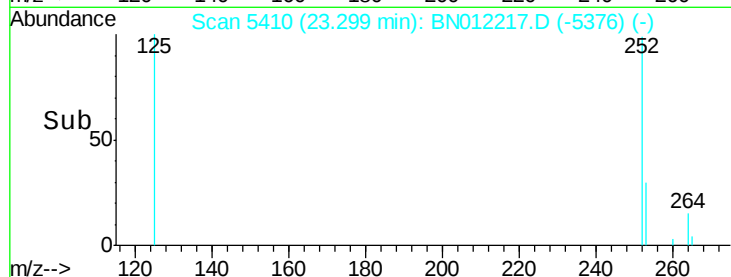
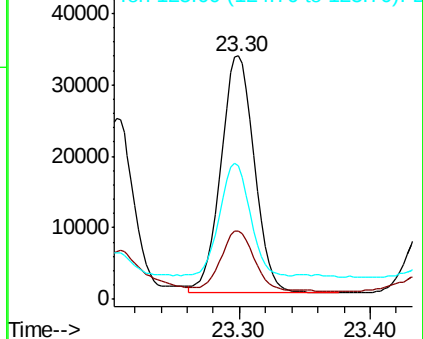
252 100

253 27.9 27.0 40.4

125 55.0 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: 1.379 ng/ul

RT: 25.57 min Scan# 6162

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

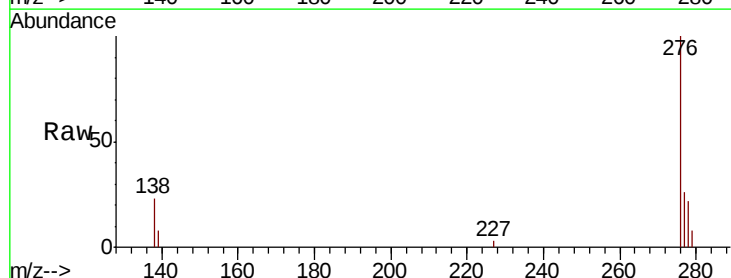
Tgt Ion:276 Resp: 46291

Ion Ratio Lower Upper

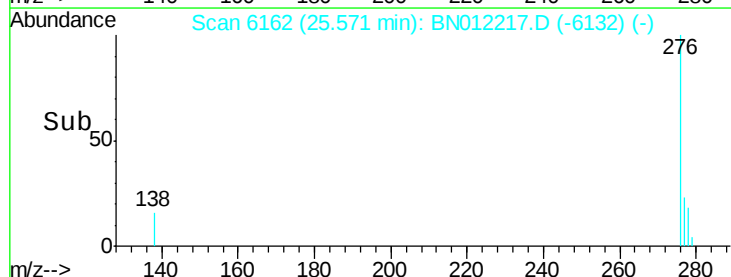
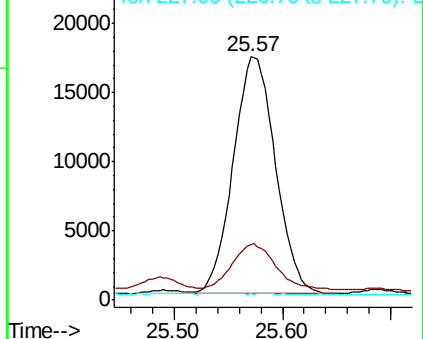
276 100

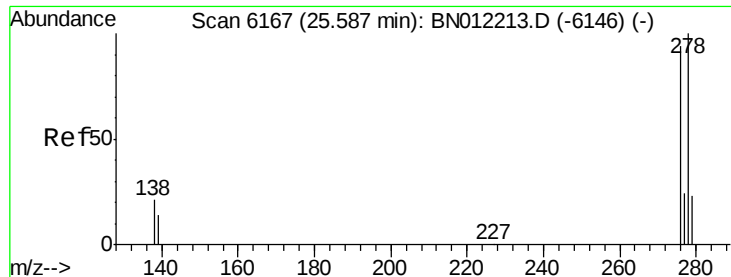
138 20.2 0.0 0.0#

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: 0.451 ng/ul

RT: 25.58 min Scan# 6166

Delta R.T. -0.00 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

Instrument :

BNA_N

ClientSampleId :

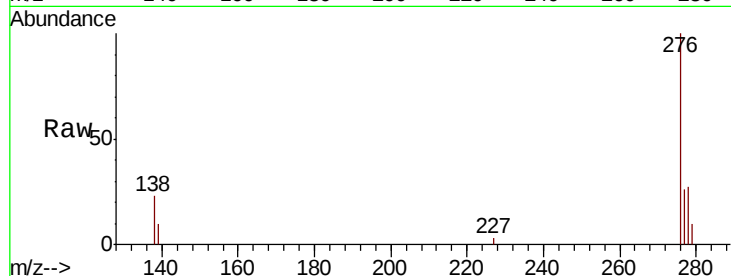
Tot Ion:278 Resp: 12126

Ion Ratio Lower Upper

278 100

139 36.3 15.7 23.5#

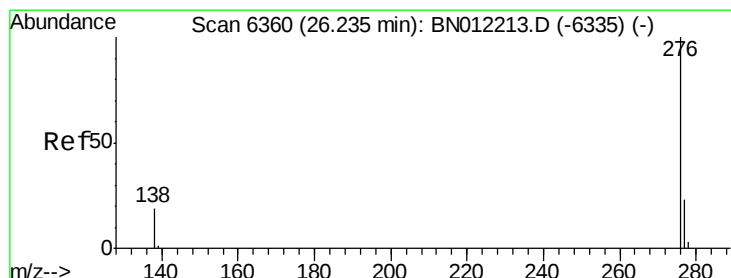
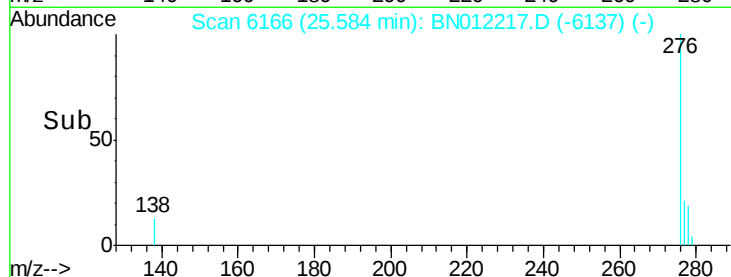
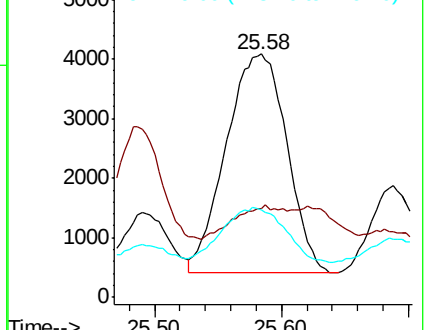
279 36.0 26.0 39.0



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: 1.429 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. 0.01 min

Lab File: BN012217.D

Acq: 15 Oct 2020 05:22

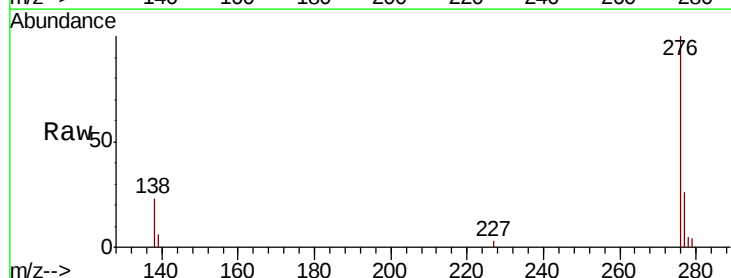
Tgt Ion:276 Resp: 43968

Ion Ratio Lower Upper

276 100

138 23.3 17.1 25.7

277 25.8 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

