

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012210.D
 Acq On : 15 Oct 2020 00:32
 Operator : CG/JU
 Sample : L4166-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

Quant Time: Oct 15 01:50:53 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 00:46:15 2020
 Response via : Initial Calibration

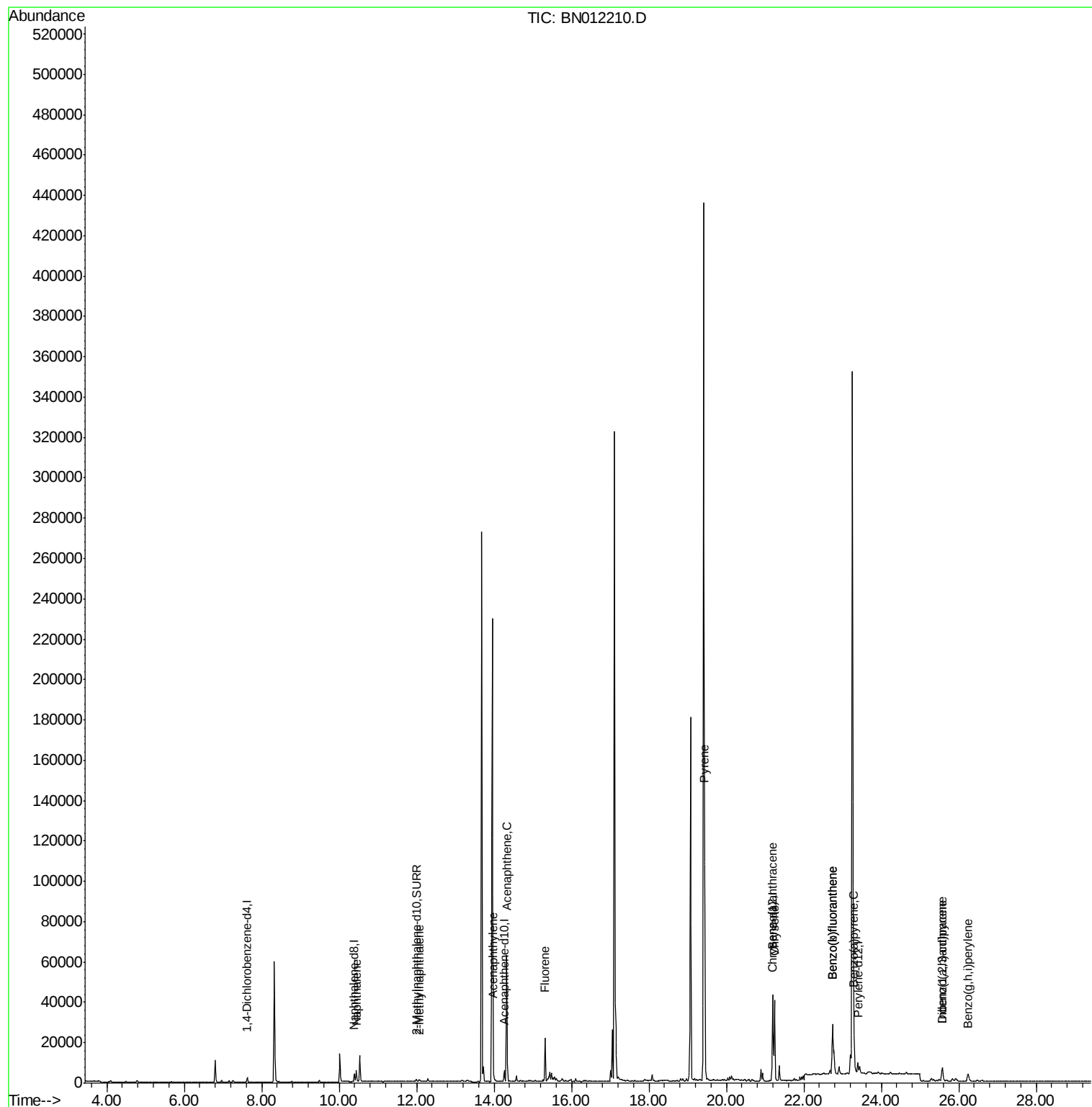
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4974	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3005	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.01
16) Chrysene-d12	21.21	240	6349	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6791	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1768	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4649	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	7552	0.526	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	996	0.109	ng/ul	99
7) Acenaphthylene	13.98	152	2125	0.163	ng/ul#	88
8) Acenaphthene	14.32	153	35243	3.198	ng/ul	100
9) Fluorene	15.31	166	13045	1.064	ng/ul	100
17) Pyrene	19.44	202	102380	3.577	ng/ul	99
18) Benzo(a)anthracene	21.19	228	35686	1.517	ng/ul	99
19) Chrysene	21.24	228	39401	1.375	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	50623	1.846	ng/ul	91
22) Benzo(k)fluoranthene	22.74	252	50623	1.667	ng/ul	93
23) Benzo(a)pyrene	23.30	252	19506	0.731	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.57	276	10098	0.295	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3026	0.110	ng/ul#	81
26) Benzo(g,h,i)perylene	26.24	276	8101	0.258	ng/ul	97

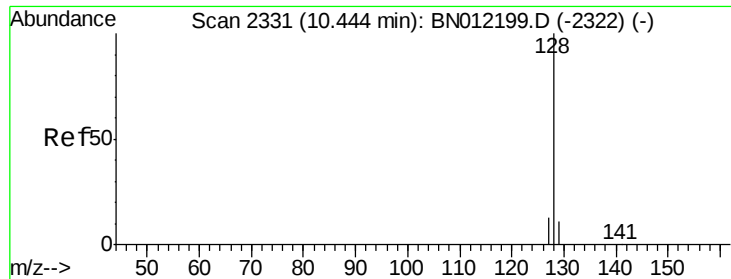
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.526 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

Instrument :

BNA_N

ClientSampleId :

C0AE2

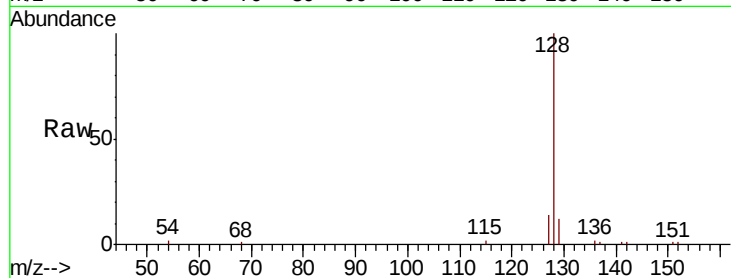
Tot Ion:128 Resp: 7552

Ion Ratio Lower Upper

128 100

129 12.1 10.3 15.5

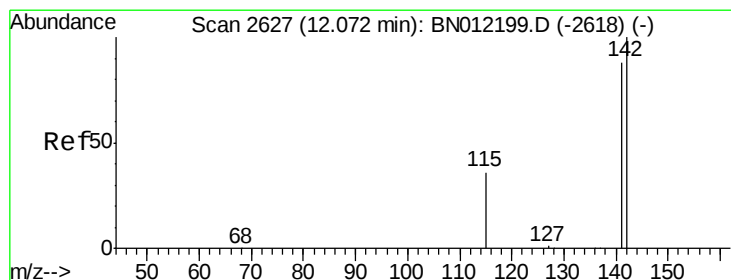
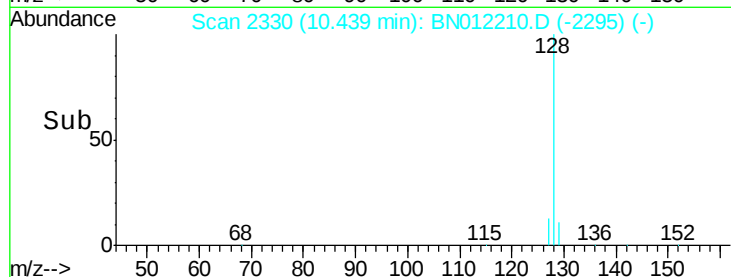
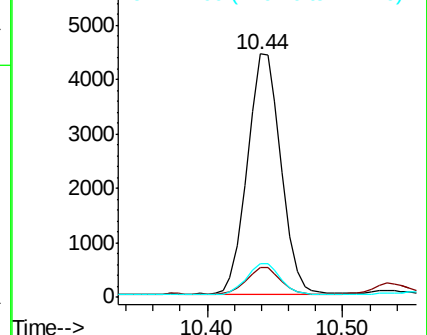
127 14.0 11.9 17.9



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: 0.109 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN012210.D

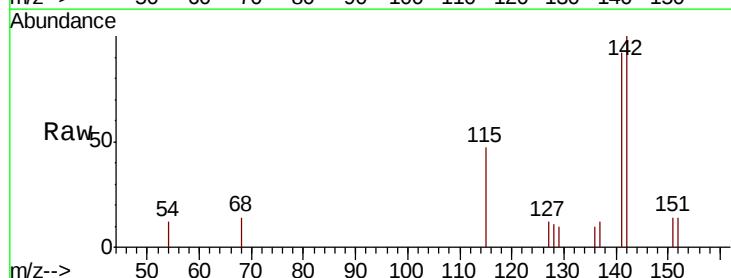
Acq: 15 Oct 2020 00:32

Tgt Ion:142 Resp: 996

Ion Ratio Lower Upper

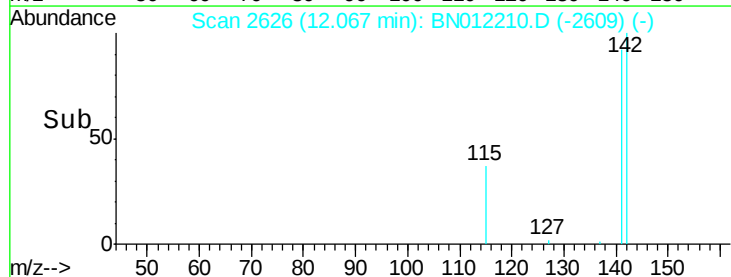
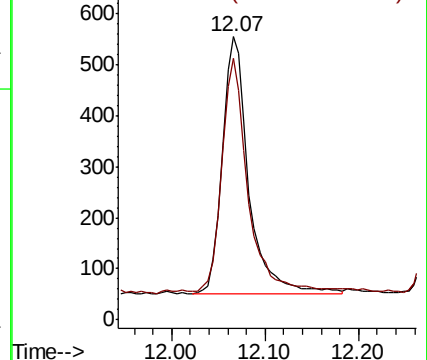
142 100

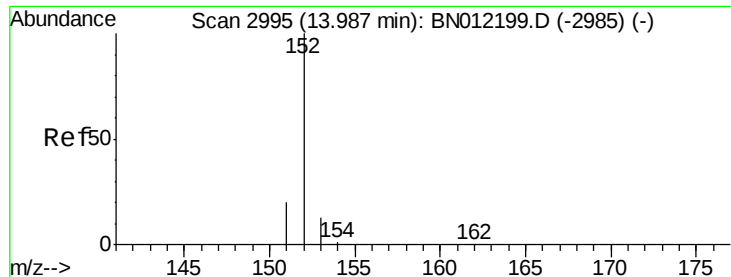
141 88.4 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

Instrument :

BNA_N

ClientSampleId :

C0AE2

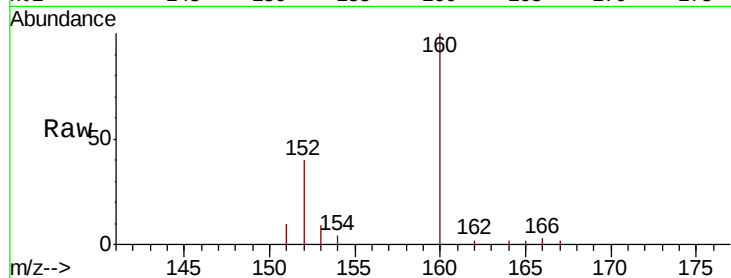
Tot Ion:152 Resp: 2125

Ion Ratio Lower Upper

152 100

151 25.1 16.7 25.1#

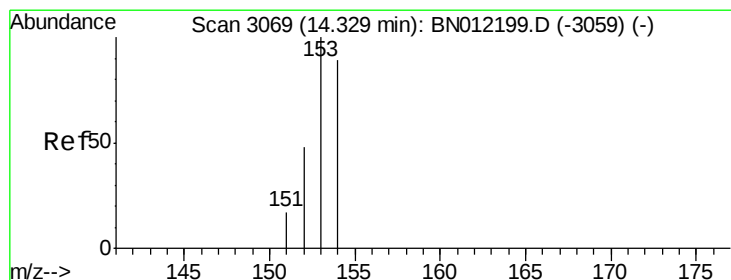
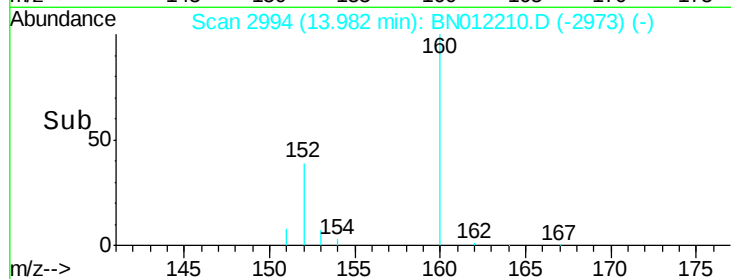
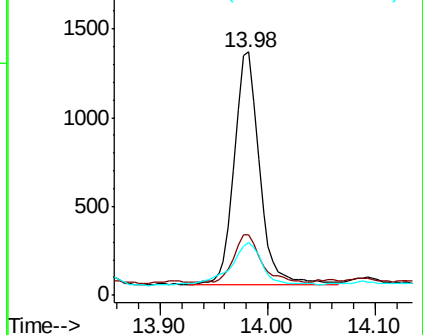
153 21.6 11.8 17.8#



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: 3.198 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

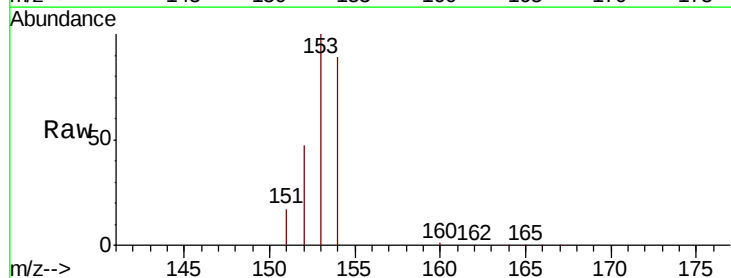
Tgt Ion:153 Resp: 35243

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.2

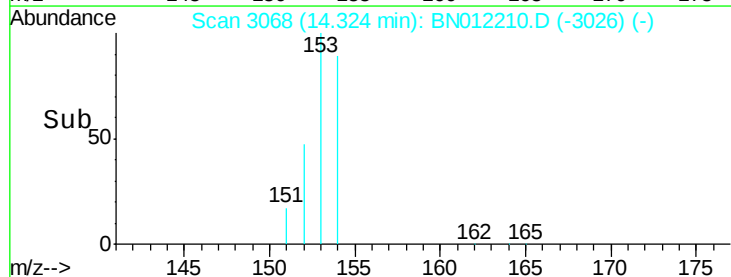
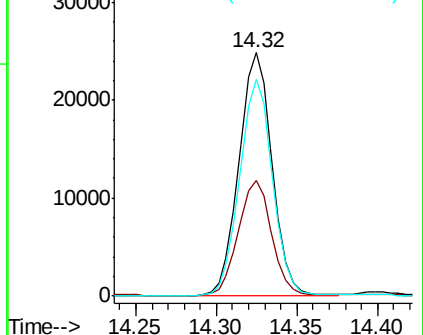
154 89.2 71.1 106.7

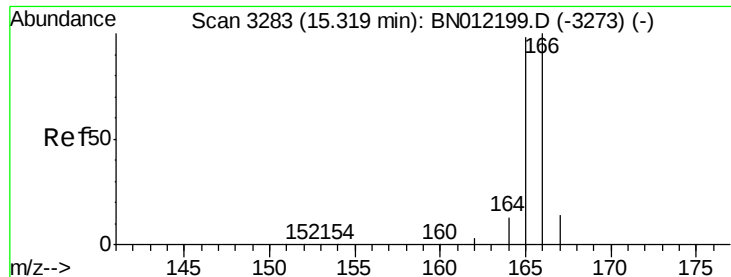


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

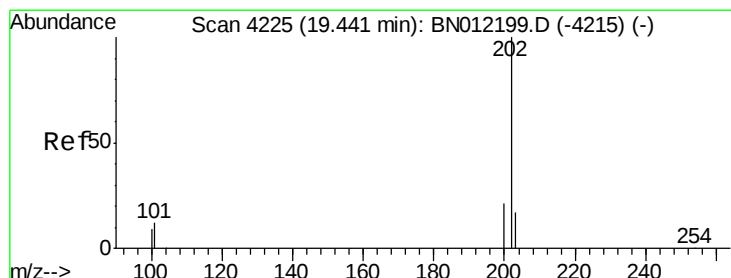
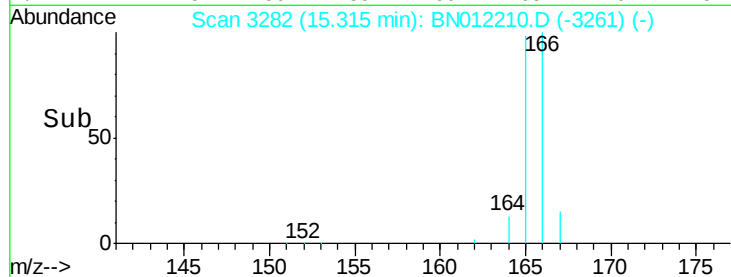
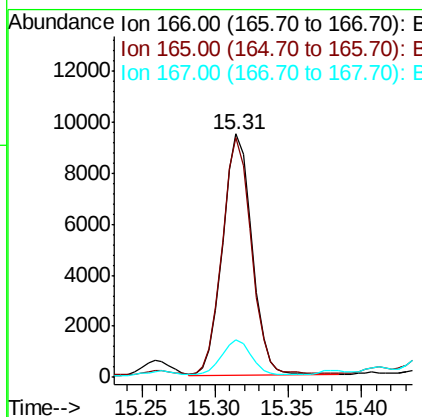
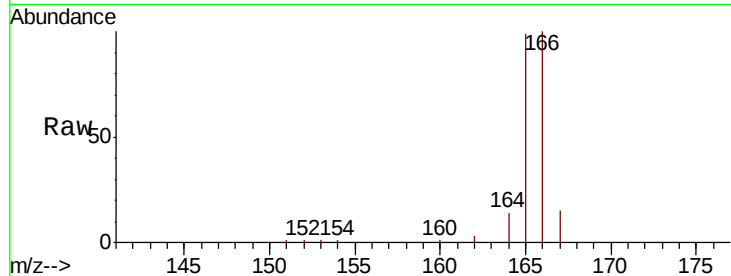




#9
Fluorene
 Concen: 1.064 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.00 min
 Lab File: BN012210.D
 Acq: 15 Oct 2020 00:32

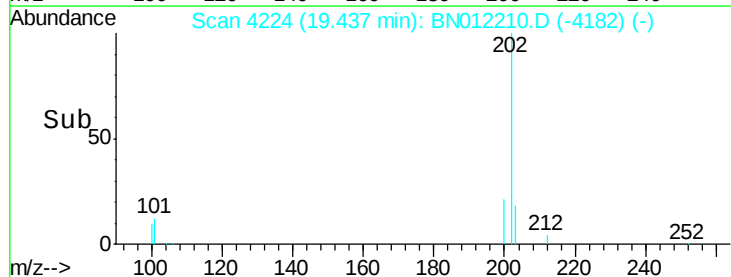
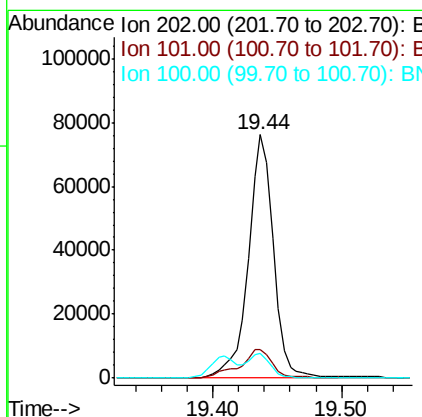
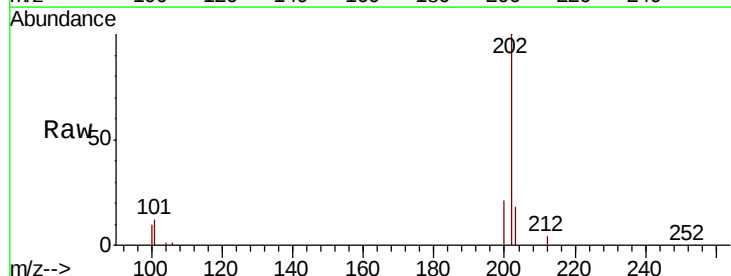
Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

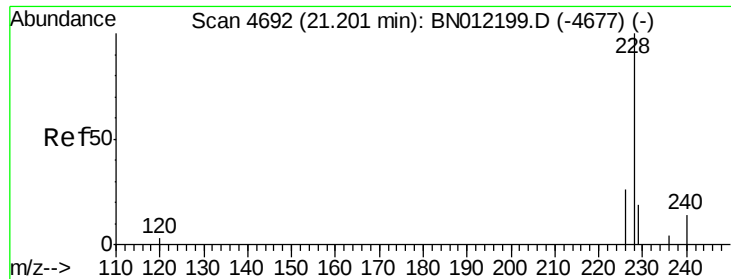
Tot Ion:166 Resp: 13045
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.6 118.0
 167 15.2 11.9 17.9



#17
Pyrene
 Concen: 3.577 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012210.D
 Acq: 15 Oct 2020 00:32

Tgt Ion:202 Resp: 102380
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.9 14.9
 100 10.0 8.0 12.0





#18

Benzo(a)anthracene

Concen: 1.517 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. -0.01 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

Instrument :

BNA_N

ClientSampleId :

C0AE2

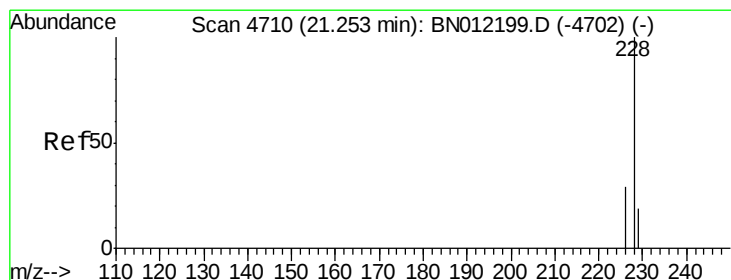
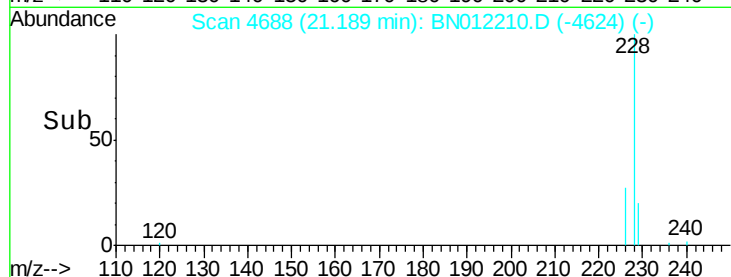
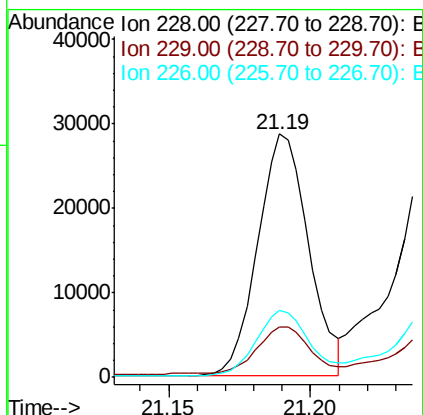
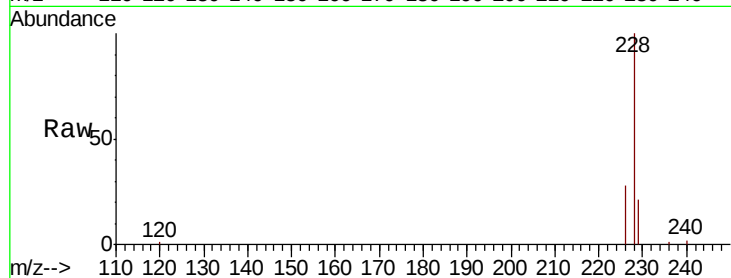
Tot Ion:228 Resp: 35686

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.8

226 27.7 22.6 33.8



#19

Chrysene

Concen: 1.375 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

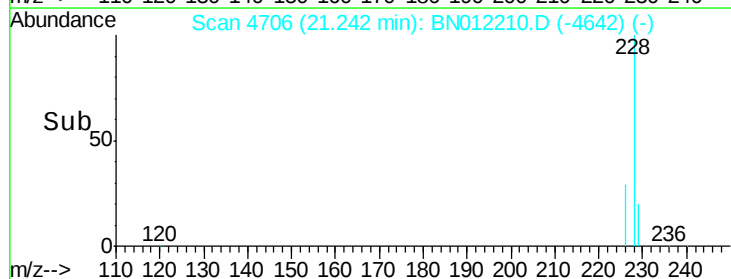
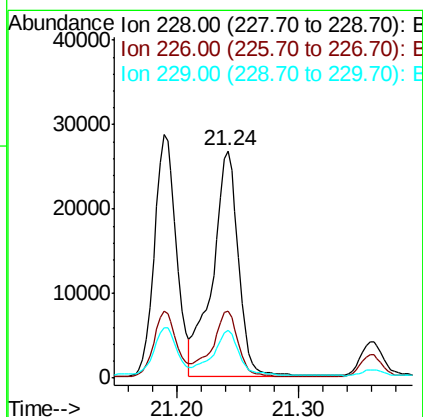
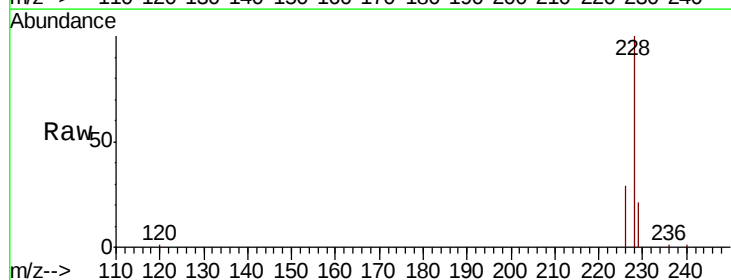
Tgt Ion:228 Resp: 39401

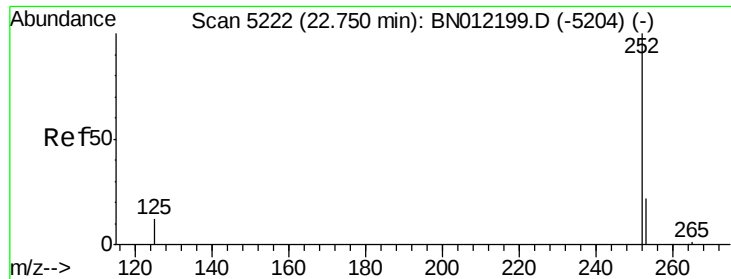
Ion Ratio Lower Upper

228 100

226 29.2 24.6 37.0

229 20.8 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 1.846 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

Instrument :

BNA_N

ClientSampleId :

C0AE2

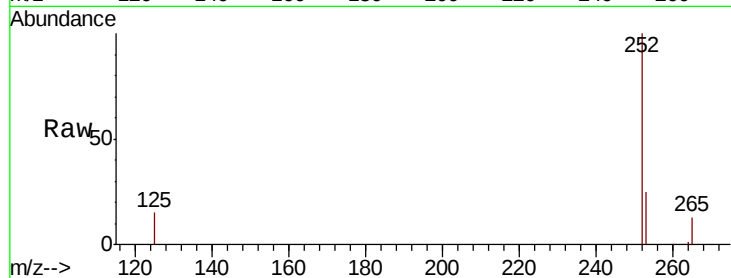
Tot Ion:252 Resp: 50623

Ion Ratio Lower Upper

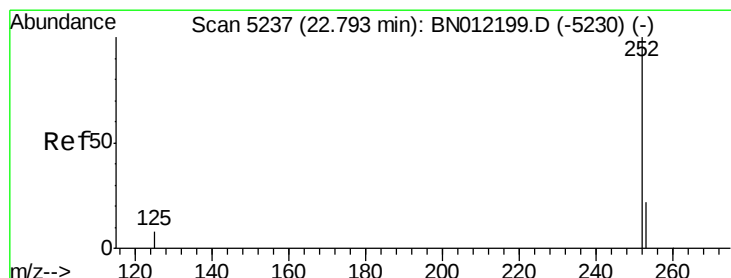
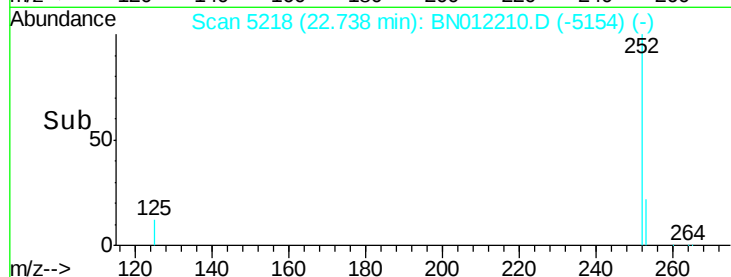
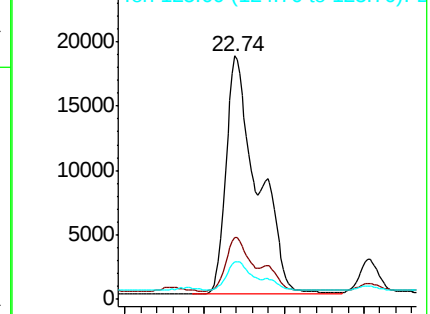
252 100

253 25.4 0.0 61.6

125 15.3 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: 1.667 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.06 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

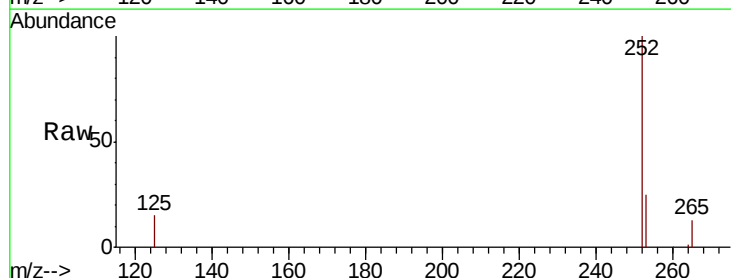
Tgt Ion:252 Resp: 50623

Ion Ratio Lower Upper

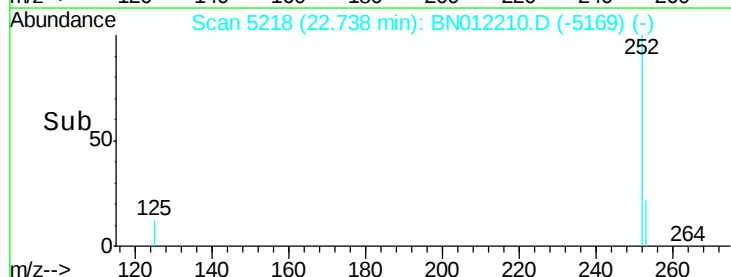
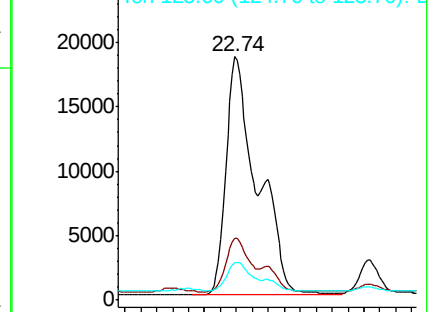
252 100

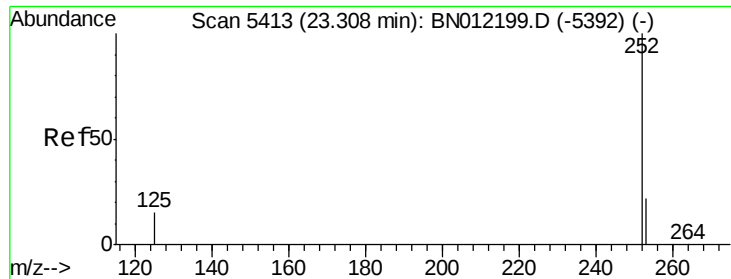
253 25.4 24.4 36.6

125 15.3 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: 0.731 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

Instrument :

BNA_N

ClientSampleId :

C0AE2

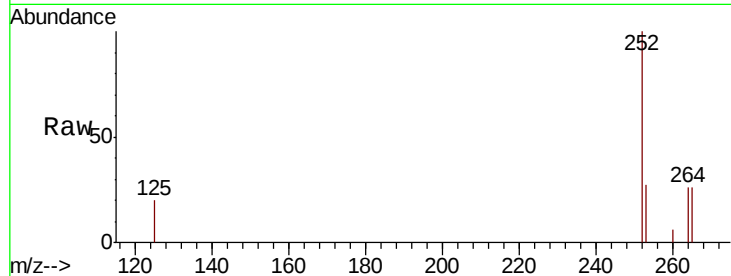
Tot Ion:252 Resp: 19506

Ion Ratio Lower Upper

252 100

253 27.0 27.0 40.4#

125 20.2 18.8 28.2

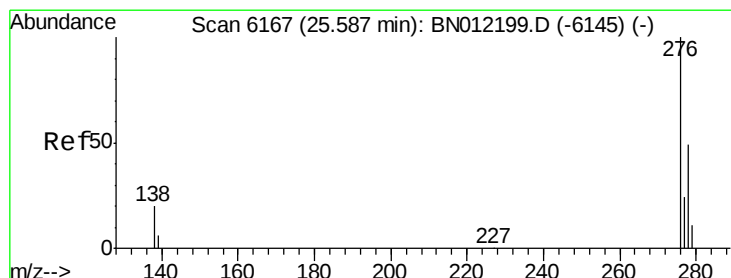
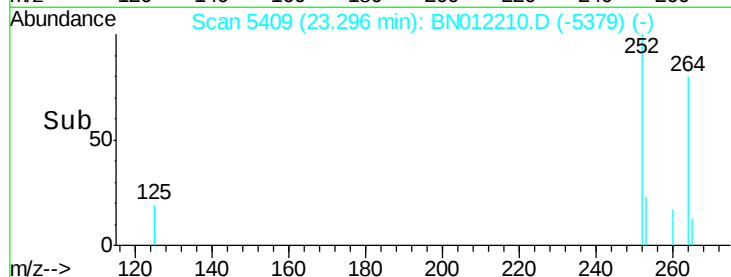
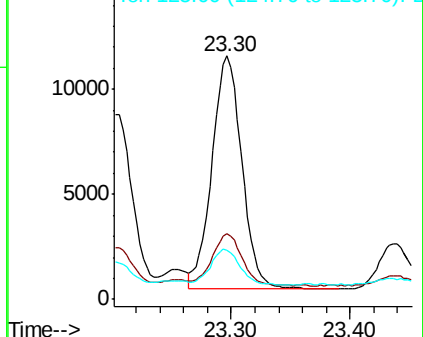


Abundance

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: 0.295 ng/ul

RT: 25.57 min Scan# 6161

Delta R.T. -0.02 min

Lab File: BN012210.D

Acq: 15 Oct 2020 00:32

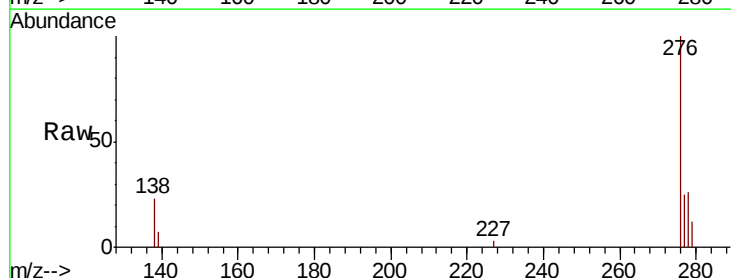
Tgt Ion:276 Resp: 10098

Ion Ratio Lower Upper

276 100

138 20.2 0.0 0.0#

227 0.1 0.0 0.0#

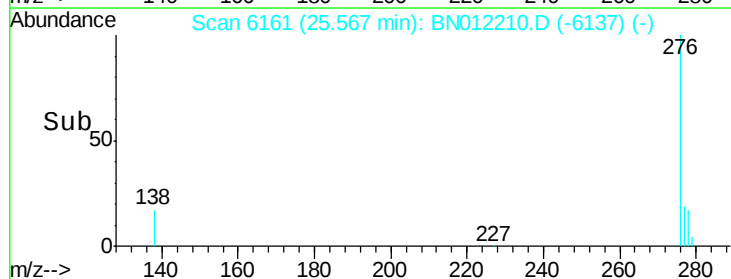
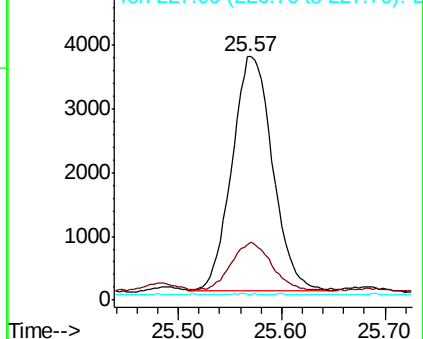


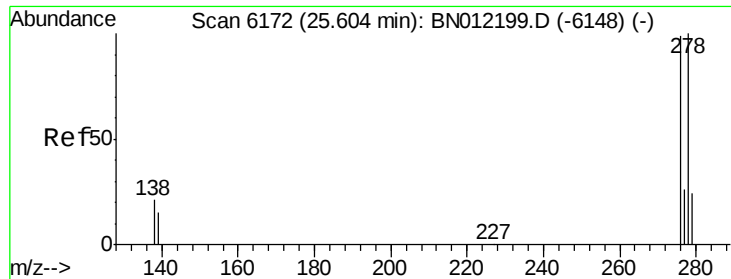
Abundance

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

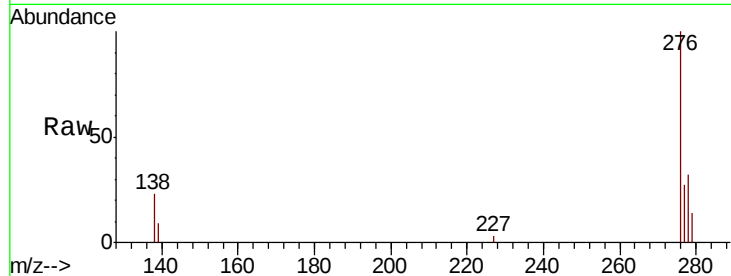




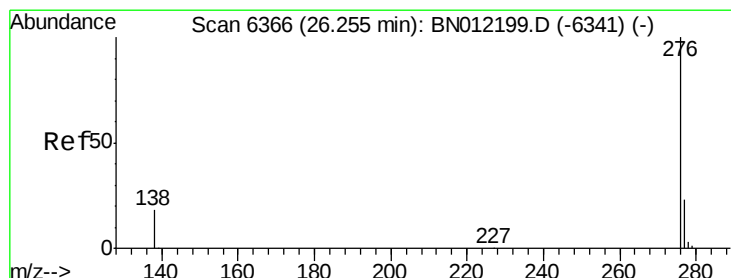
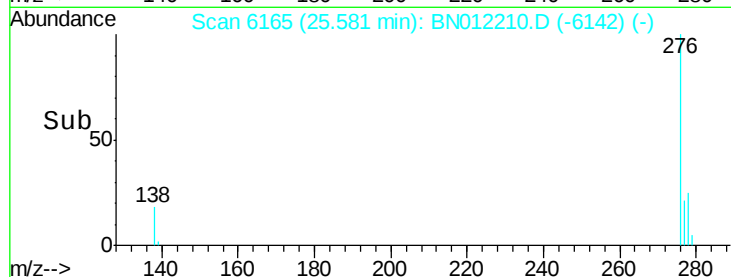
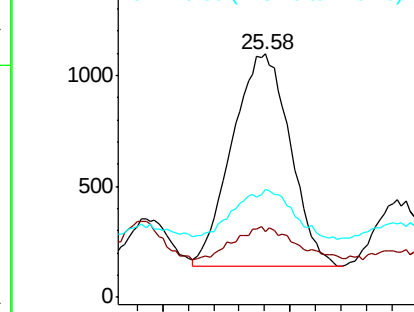
#25
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Instrument :
BNA_N
ClientSampleId :
C0AE2

Tot Ion:278 Resp: 3026
Ion Ratio Lower Upper
278 100
139 27.1 15.7 23.5#
279 44.1 26.0 39.0#

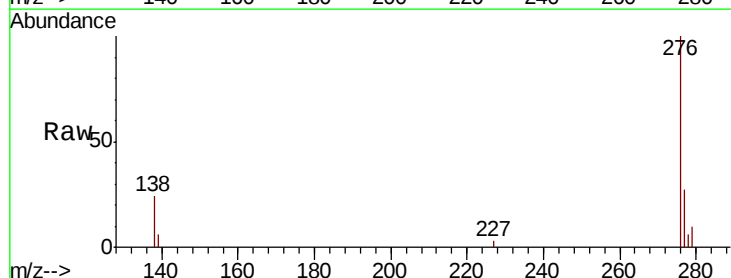


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.02 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:276 Resp: 8101
Ion Ratio Lower Upper
276 100
138 24.5 17.1 25.7
277 26.9 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

