

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012219.D
 Acq On : 15 Oct 2020 06:34
 Operator : CG/JU
 Sample : L4184-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 07:17:43 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

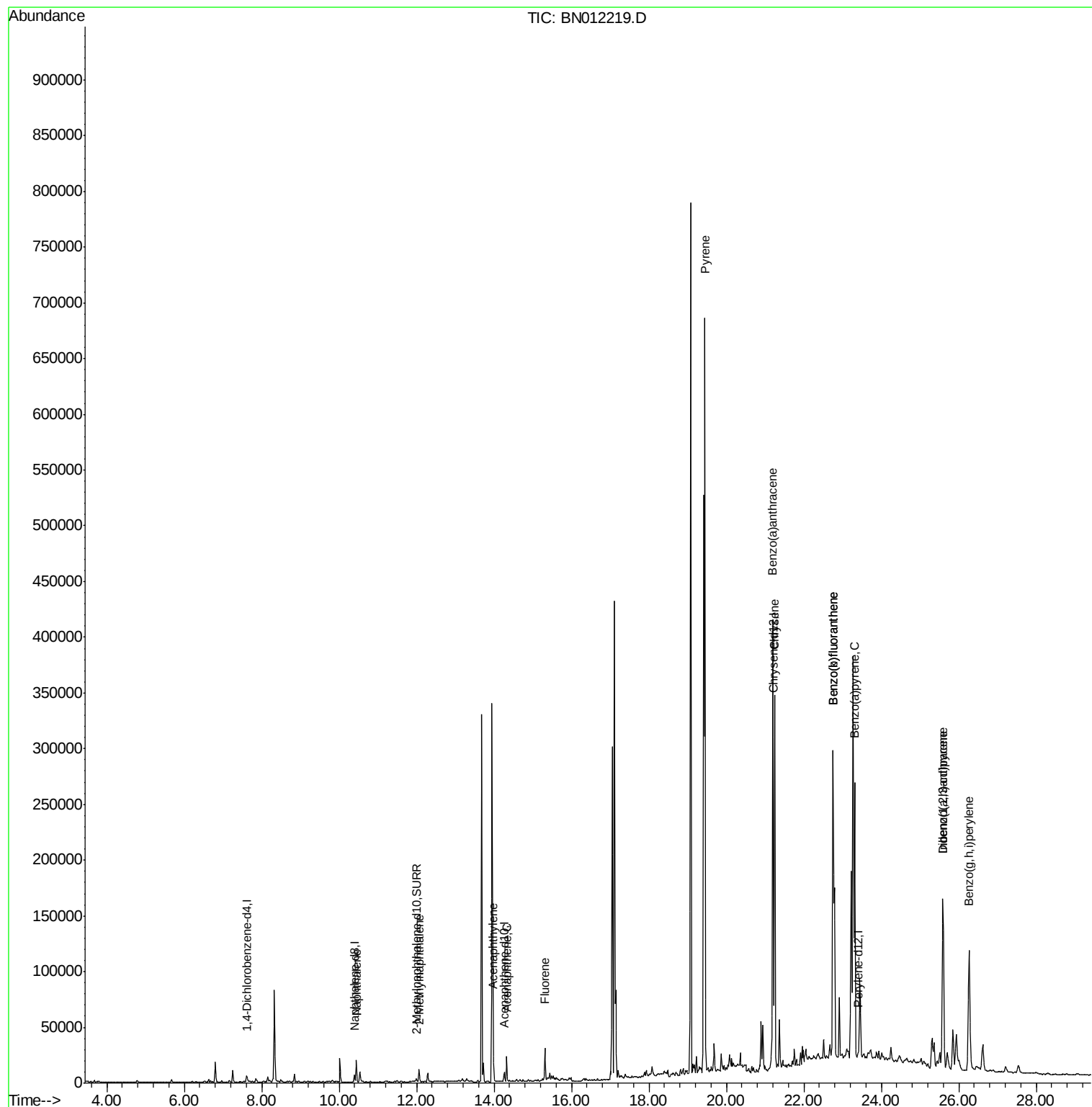
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7532	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4551	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.01
16) Chrysene-d12	21.21	240	6670	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6869	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2696	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5488	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	26190	1.205	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	8079	0.585	ng/ul	99
7) Acenaphthylene	13.98	152	22408	1.135	ng/ul	99
8) Acenaphthene	14.32	153	12977	0.778	ng/ul	98
9) Fluorene	15.31	166	17655	0.950	ng/ul	98
17) Pyrene	19.44	202	554773	18.448	ng/ul	99
18) Benzo(a)anthracene	21.20	228	333902	13.515	ng/ul	98
19) Chrysene	21.25	228	309900	10.296	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	604873	21.801	ng/ul	90
22) Benzo(k)fluoranthene	22.75	252	604873	19.696	ng/ul#	92
23) Benzo(a)pyrene	23.31	252	311298	11.534	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.59	276	232938	6.718	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	62910	2.268	ng/ul#	91
26) Benzo(g,h,i)perylene	26.27	276	217634	6.848	ng/ul	98

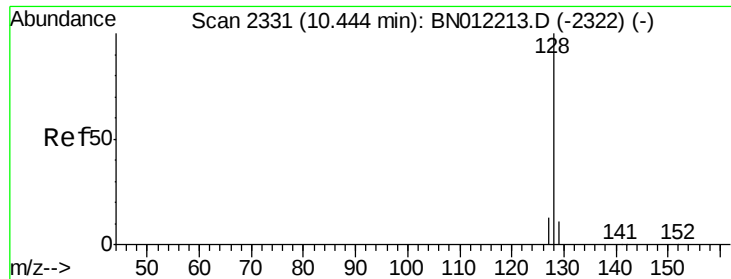
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 1.205 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

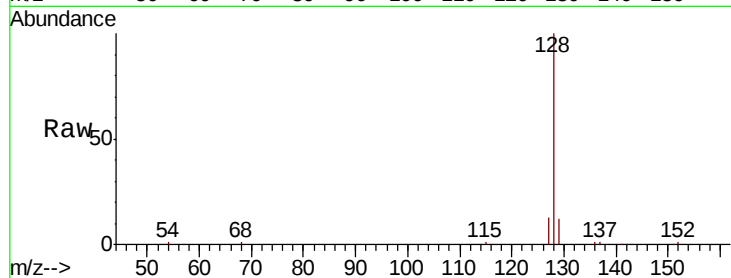
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 26190

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	13.3	11.9	17.9

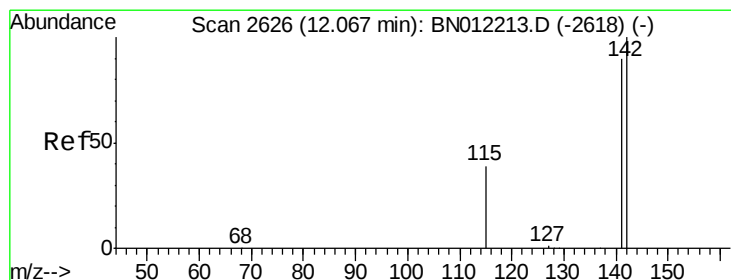
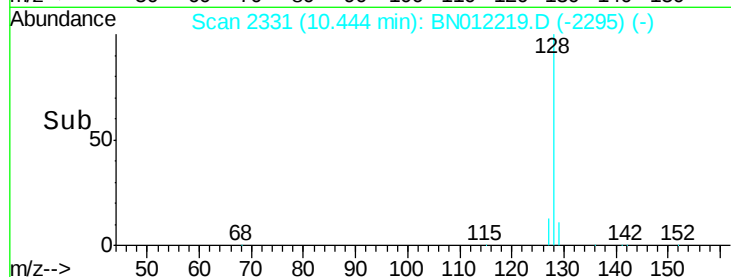
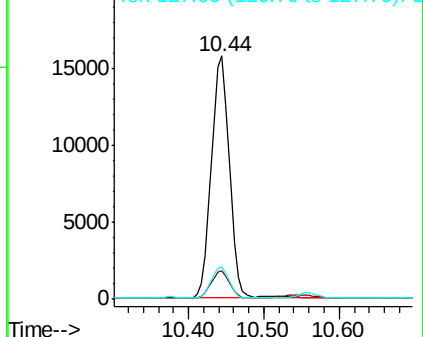


Abundance

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: 0.585 ng/ul

RT: 12.06 min Scan# 2625

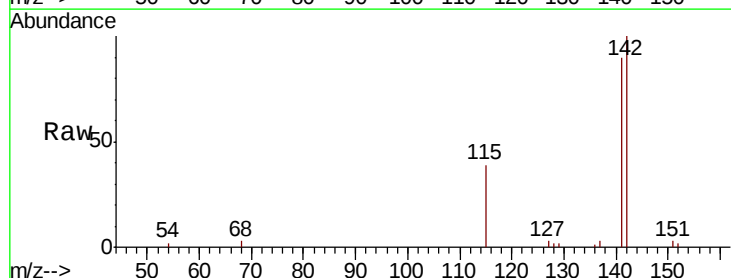
Delta R.T. -0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Tgt Ion:142 Resp: 8079

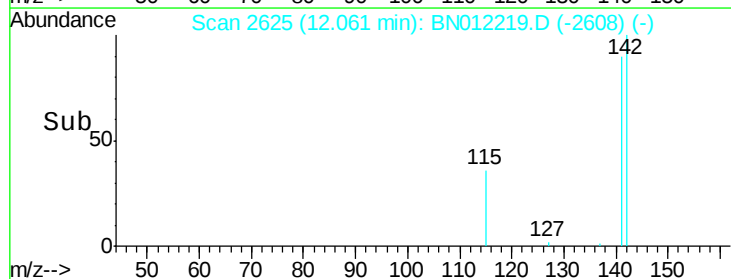
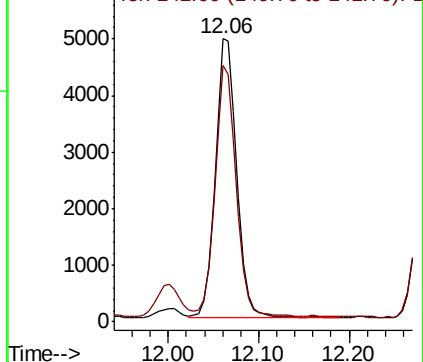
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5

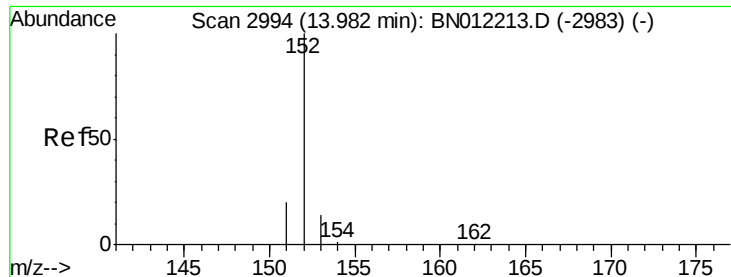


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.135 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

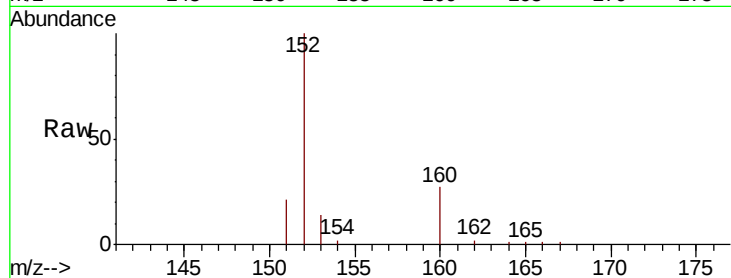
Tot Ion:152 Resp: 22408

Ion Ratio Lower Upper

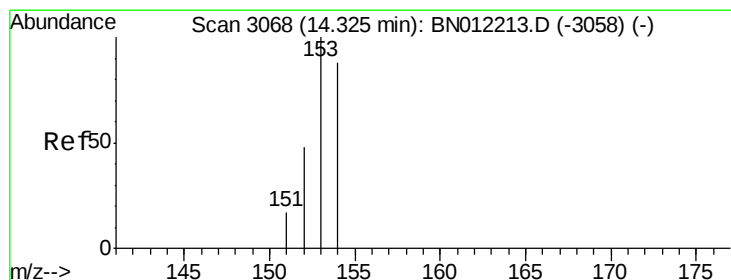
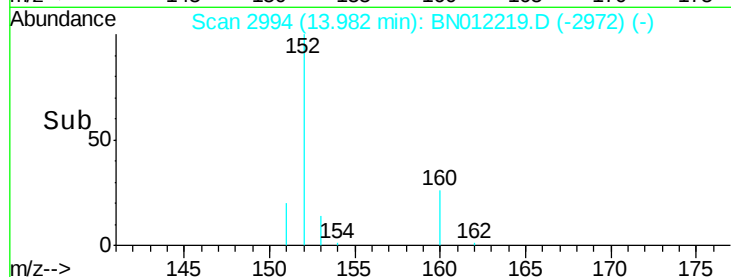
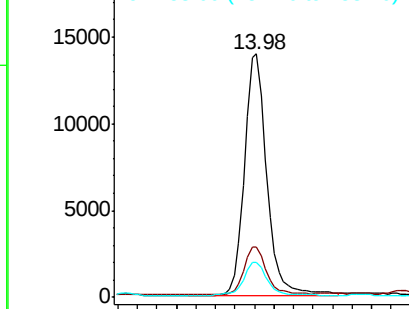
152 100

151 20.7 16.7 25.1

153 14.3 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: 0.778 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

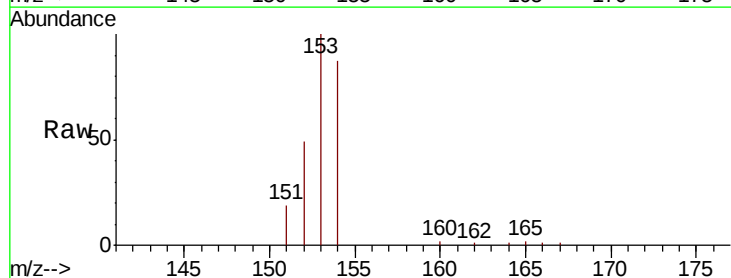
Tgt Ion:153 Resp: 12977

Ion Ratio Lower Upper

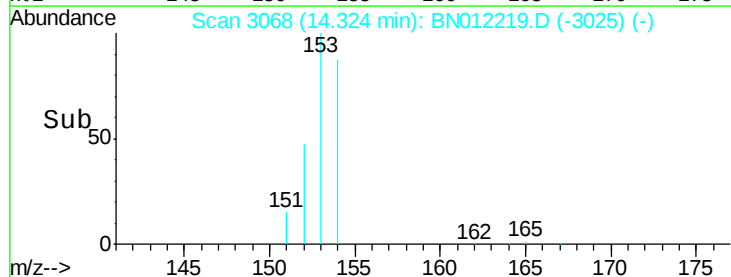
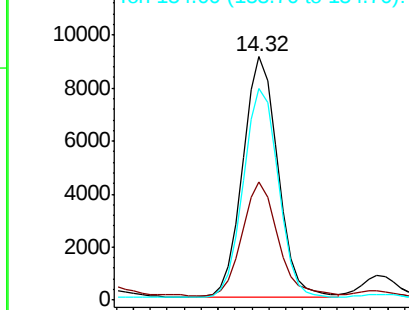
153 100

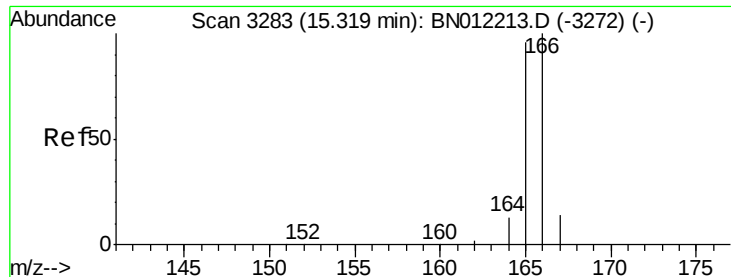
152 48.6 38.2 57.2

154 87.2 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: 0.950 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

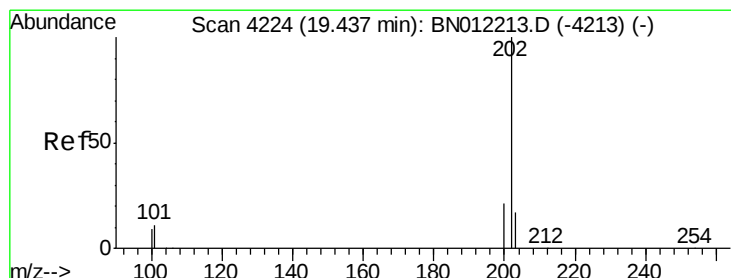
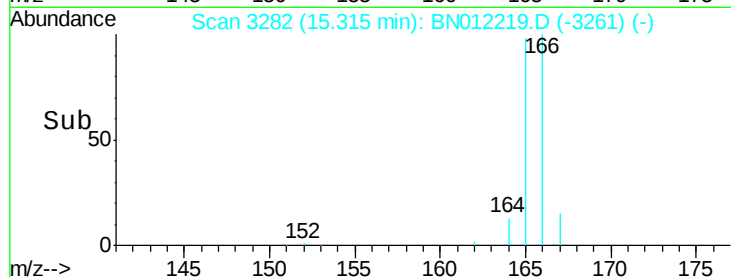
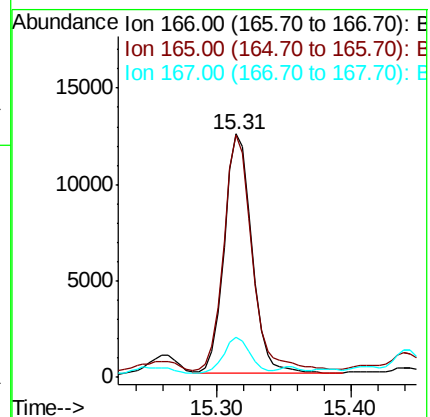
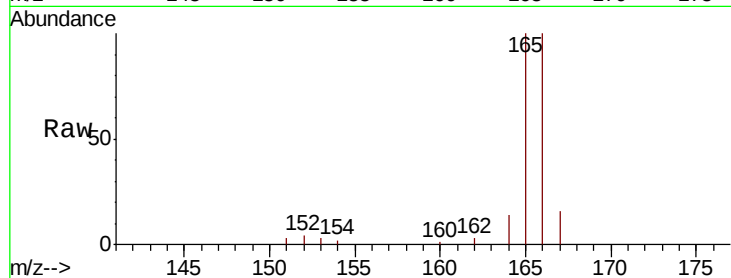
Tot Ion:166 Resp: 17655

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

167 16.4 11.9 17.9



#17

Pyrene

Concen: 18.448 ng/ul

RT: 19.44 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

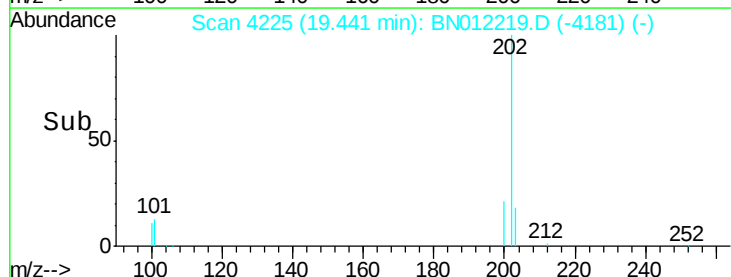
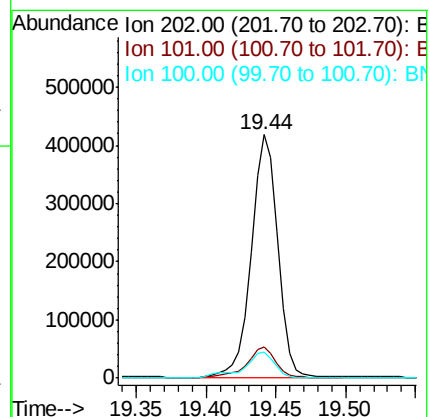
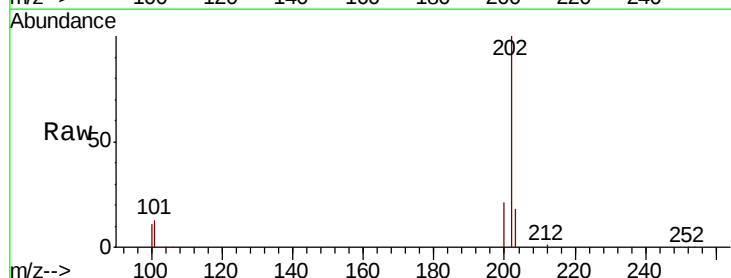
Tgt Ion:202 Resp: 554773

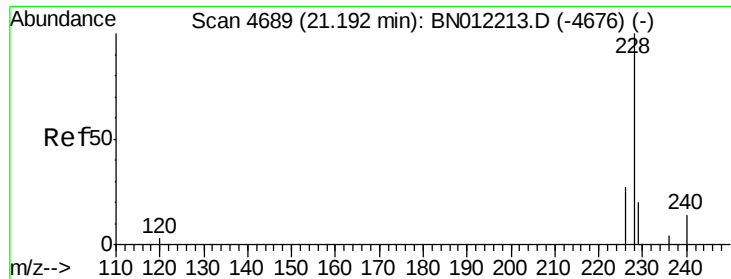
Ion Ratio Lower Upper

202 100

101 12.9 9.9 14.9

100 10.5 8.0 12.0





#18

Benzo(a)anthracene

Concen: 13.515 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

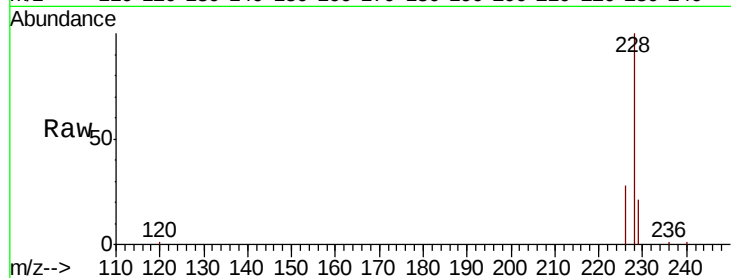
Tot Ion:228 Resp: 333902

Ion Ratio Lower Upper

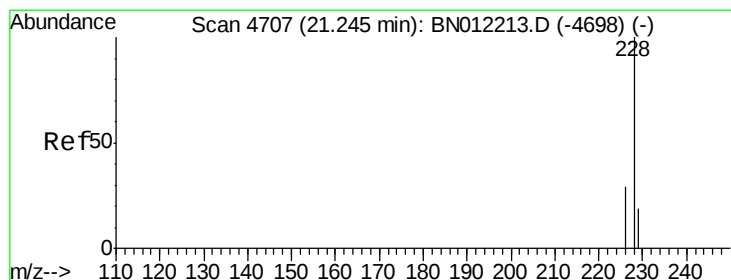
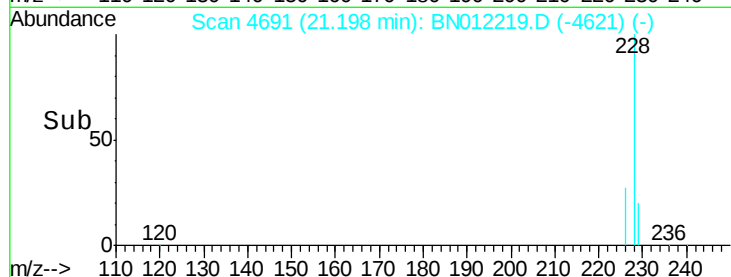
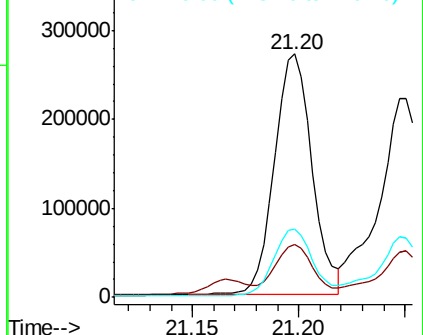
228 100

229 21.5 15.8 23.8

226 27.8 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: 10.296 ng/ul

RT: 21.25 min Scan# 4709

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

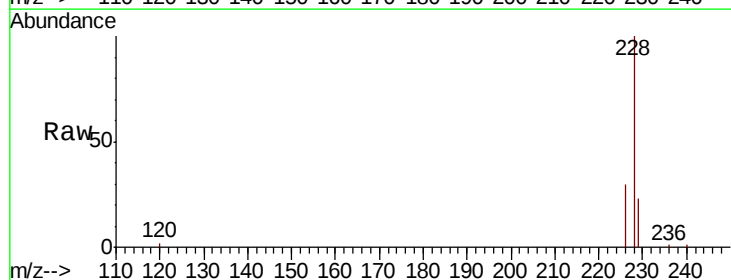
Tgt Ion:228 Resp: 309900

Ion Ratio Lower Upper

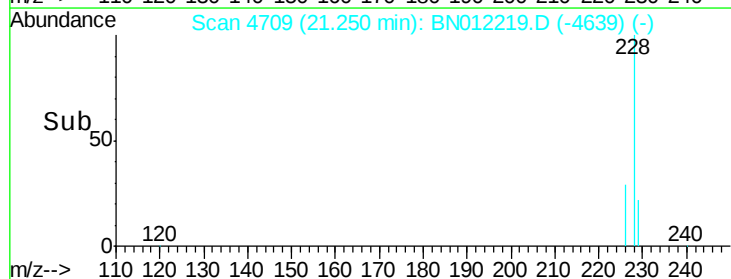
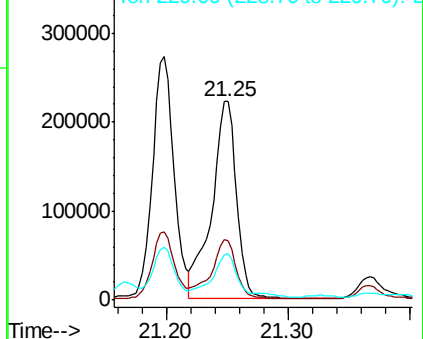
228 100

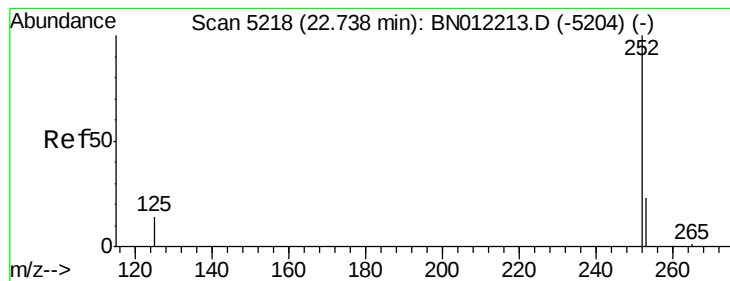
226 29.6 24.6 37.0

229 23.3 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: 21.801 ng/u1

RT: 22.75 min Scan# 5223

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

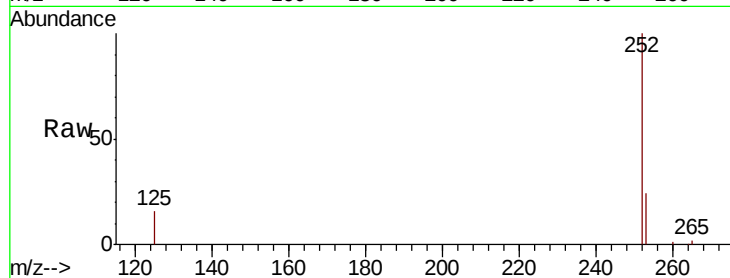
Tot Ion:252 Resp: 604873

Ion Ratio Lower Upper

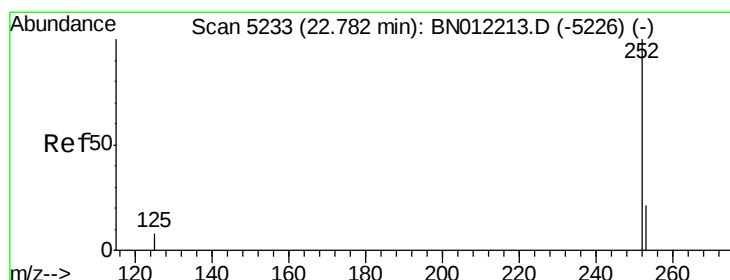
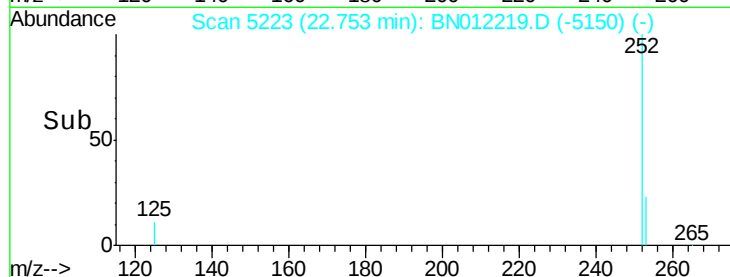
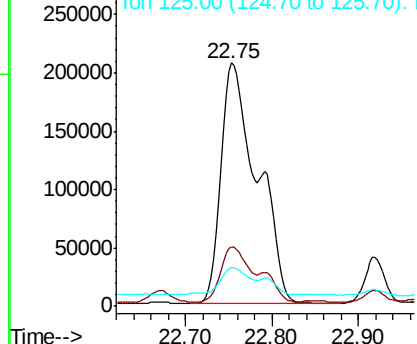
252 100

253 24.3 0.0 61.6

125 15.8 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: 19.696 ng/u1

RT: 22.75 min Scan# 5223

Delta R.T. -0.03 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

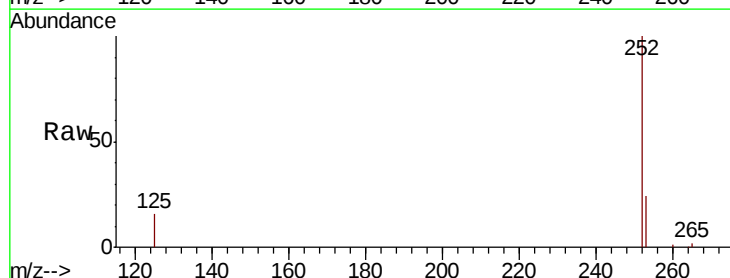
Tgt Ion:252 Resp: 604873

Ion Ratio Lower Upper

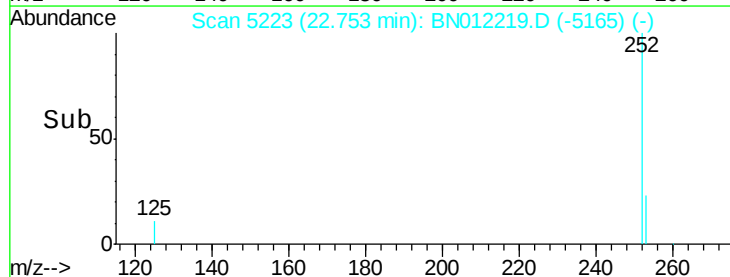
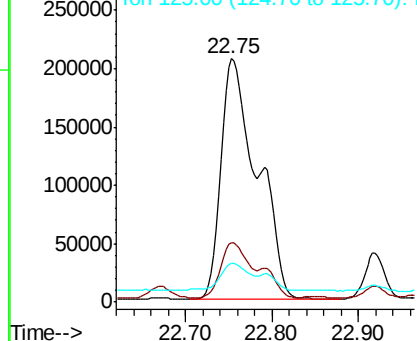
252 100

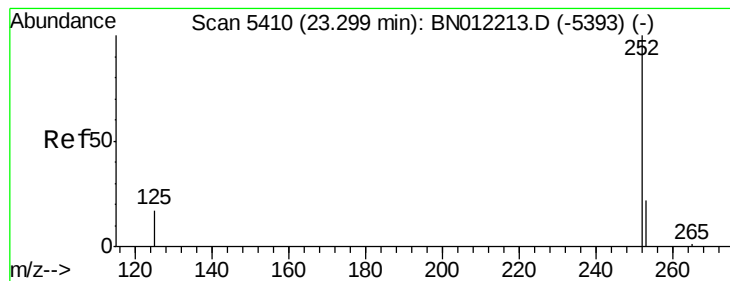
253 24.3 24.4 36.6#

125 15.8 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: 11.534 ng/ul

RT: 23.31 min Scan# 5414

Delta R.T. 0.01 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

Instrument :

BNA_N

ClientSampleId :

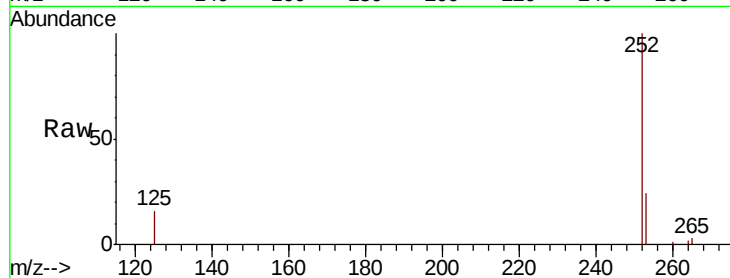
Tot Ion:252 Resp: 311298

Ion Ratio Lower Upper

252 100

253 24.0 27.0 40.4#

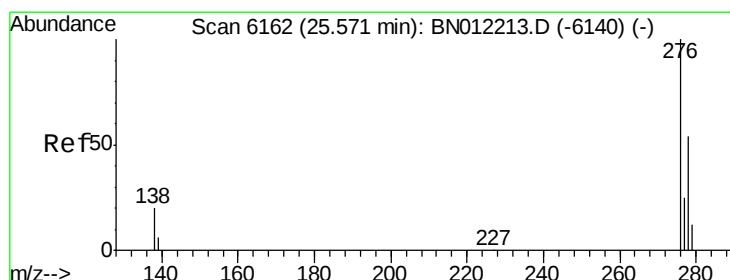
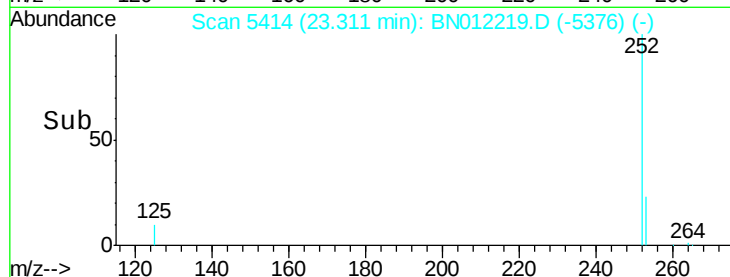
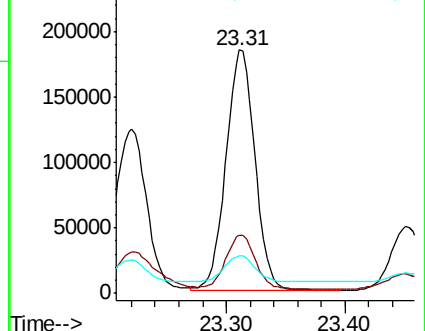
125 15.7 18.8 28.2#



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: 6.718 ng/ul

RT: 25.59 min Scan# 6169

Delta R.T. 0.02 min

Lab File: BN012219.D

Acq: 15 Oct 2020 06:34

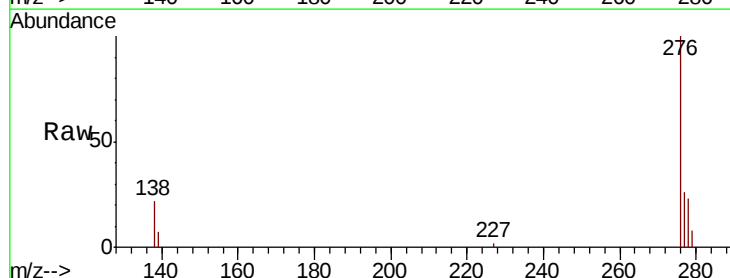
Tgt Ion:276 Resp: 232938

Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

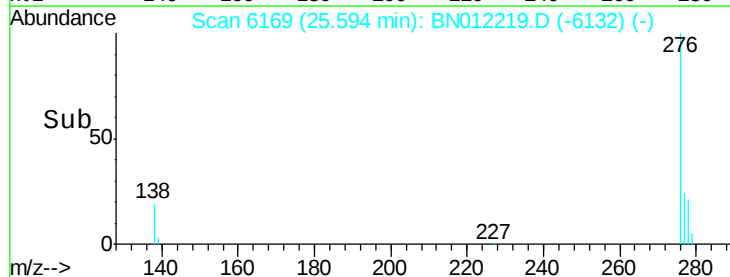
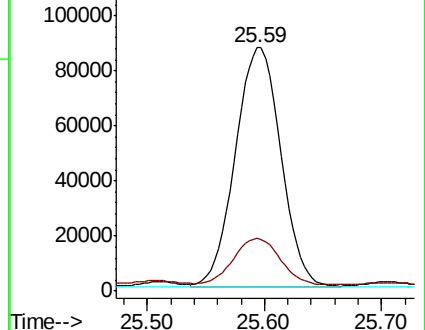
227 0.2 0.0 0.0#

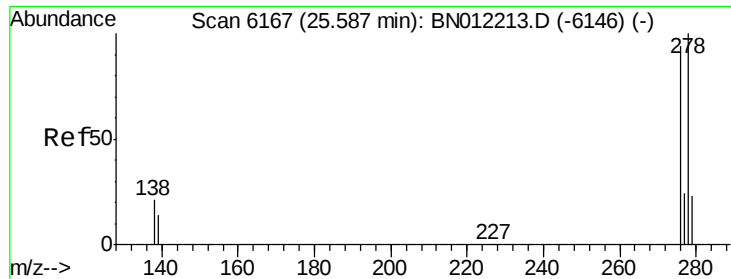


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

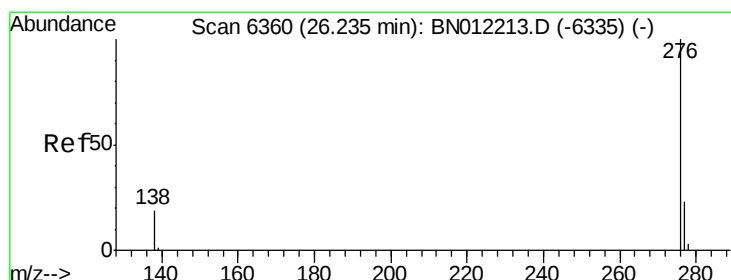
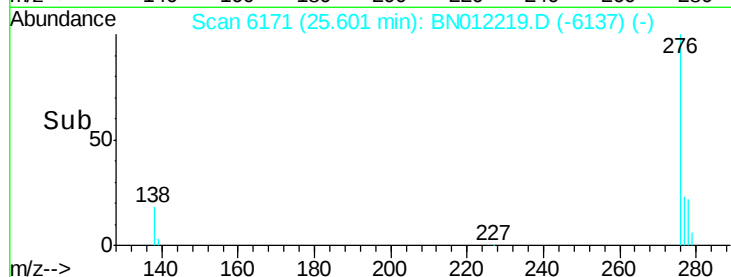
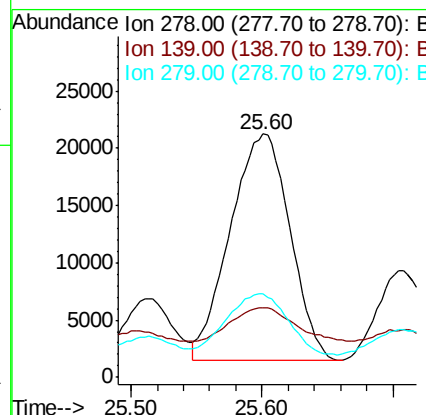
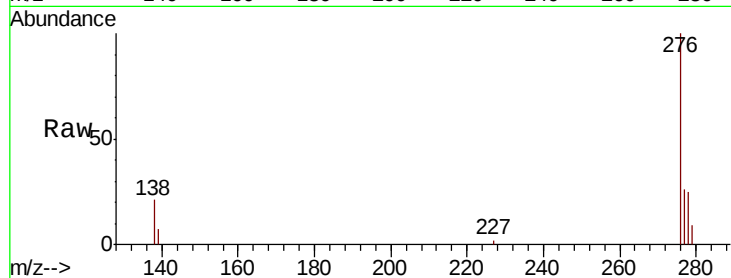




#25
Dibenzo(a,h)anthracene
Concen: 2.268 ng/ul
RT: 25.60 min Scan# 6171
Delta R.T. 0.01 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 62910
Ion Ratio Lower Upper
278 100
139 28.8 15.7 23.5#
279 34.1 26.0 39.0



#26
Benzo(g,h,i)perylene
Concen: 6.848 ng/ul
RT: 26.27 min Scan# 6370
Delta R.T. 0.03 min
Lab File: BN012219.D
Acq: 15 Oct 2020 06:34

Tgt Ion:276 Resp: 217634
Ion Ratio Lower Upper
276 100
138 22.1 17.1 25.7
277 25.3 21.1 31.7

