

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013518.D
 Acq On : 27 Jan 2021 22:31
 Operator : CG/JU
 Sample : M1099-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C08

Quant Time: Jan 27 23:45:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 23:35:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4307	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16470	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9577	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	18942	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18752	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.92	152	8757	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	18944	0.00	ng/ul	0.00

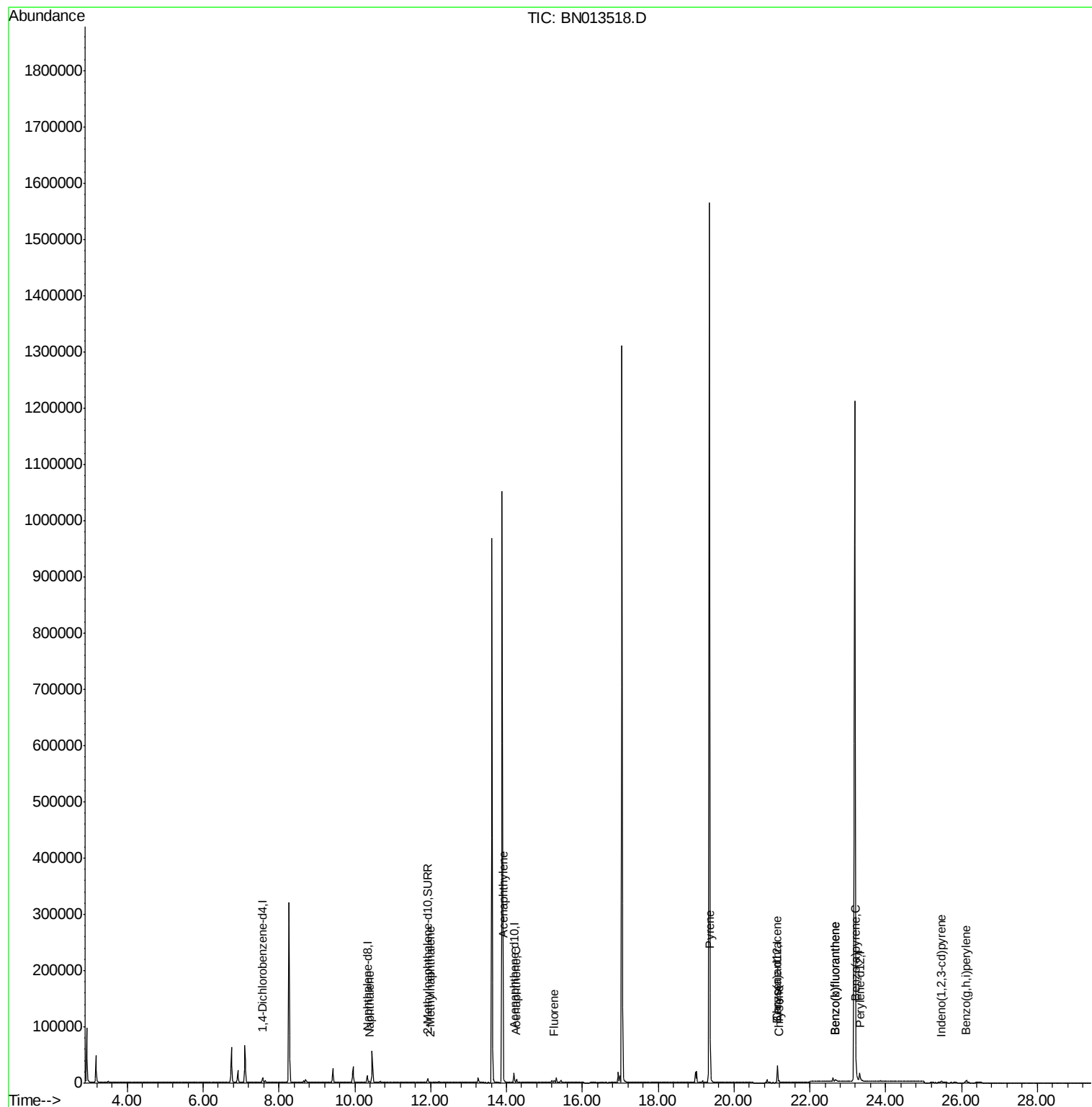
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.38	128	3101	0.065	ng/ul#	92
5) 2-Methylnaphthalene	12.00	142	1036	0.034	ng/ul	99
7) Acenaphthylene	13.92	152	7282	0.185	ng/ul	97
8) Acenaphthene	14.26	153	3285	0.094	ng/ul	99
9) Fluorene	15.25	166	2602	0.067	ng/ul#	98
17) Pyrene	19.38	202	35830	0.462	ng/ul	99
18) Benzo(a)anthracene	21.14	228	2582	0.041	ng/ul#	1
19) Chrysene	21.19	228	3447	0.044	ng/ul#	86
21) Benzo(b)fluoranthene	22.68	252	6227	0.079	ng/ul#	50
22) Benzo(k)fluoranthene	22.68	252	6227	0.074	ng/ul#	52
23) Benzo(a)pyrene	23.22	252	4537	0.068	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.47	276	4096	0.046	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	9198	0.117	ng/ul	96

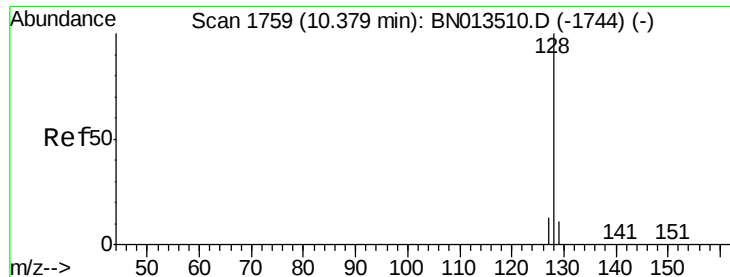
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
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#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampleId :

F1C08

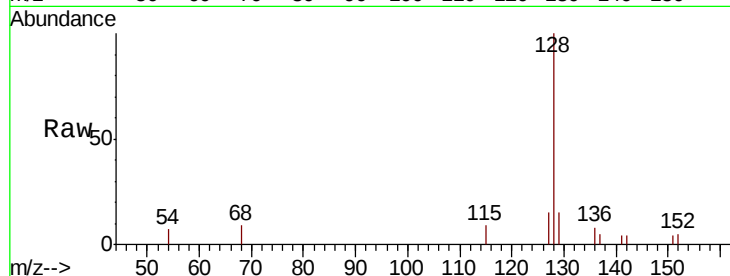
Tot Ion:128 Resp: 3101

Ion Ratio Lower Upper

128 100

129 15.5 9.0 13.6#

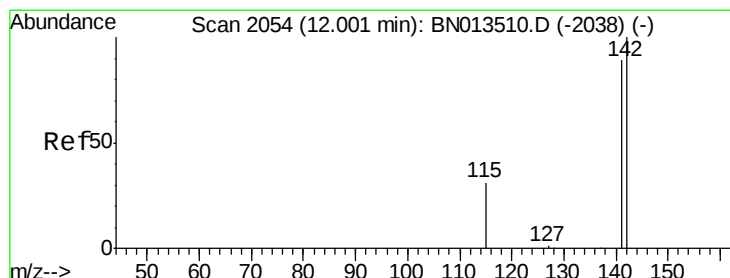
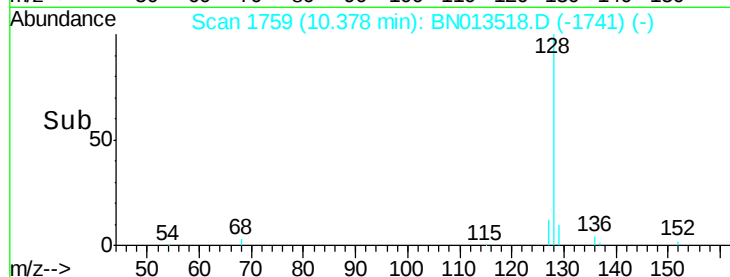
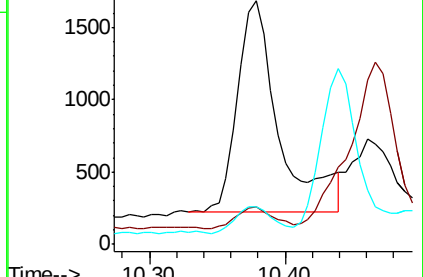
127 15.5 10.6 15.8



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: 0.034 ng/ul

RT: 12.00 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BN013518.D

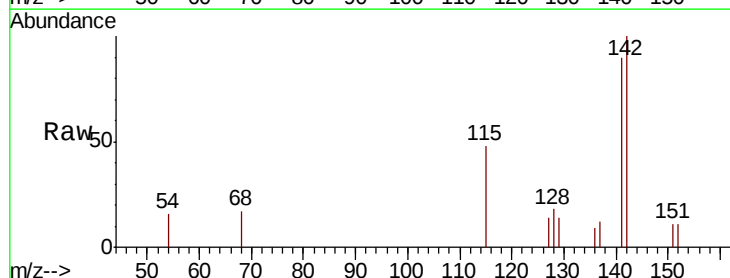
Acq: 27 Jan 2021 22:31

Tgt Ion:142 Resp: 1036

Ion Ratio Lower Upper

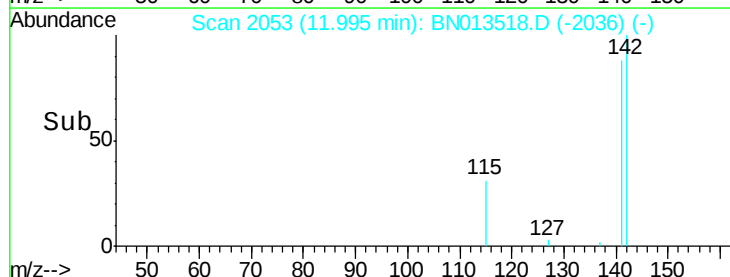
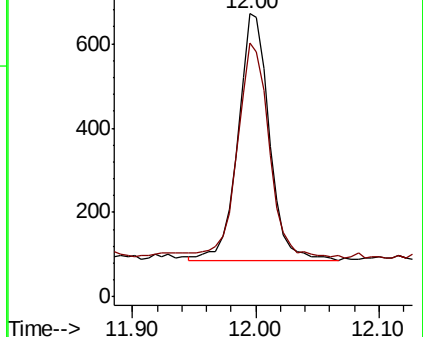
142 100

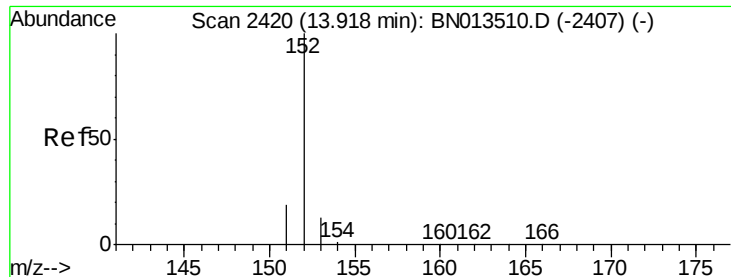
141 87.3 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.185 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampleId :

F1C08

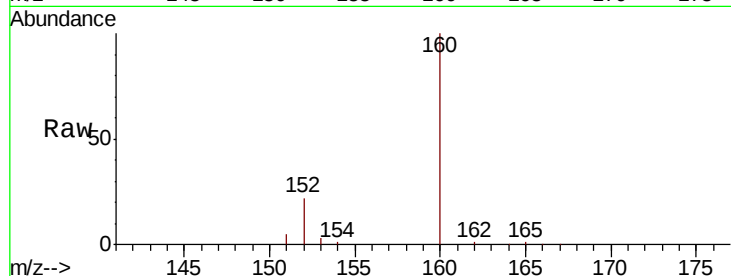
Tot Ion:152 Resp: 7282

Ion Ratio Lower Upper

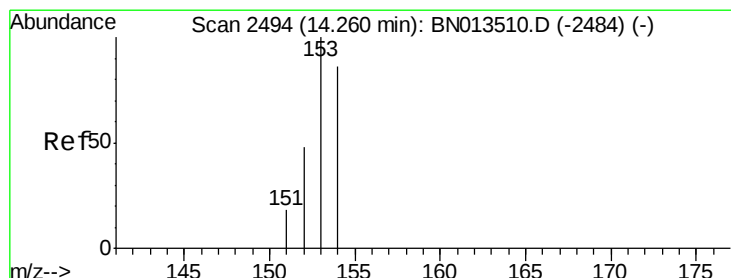
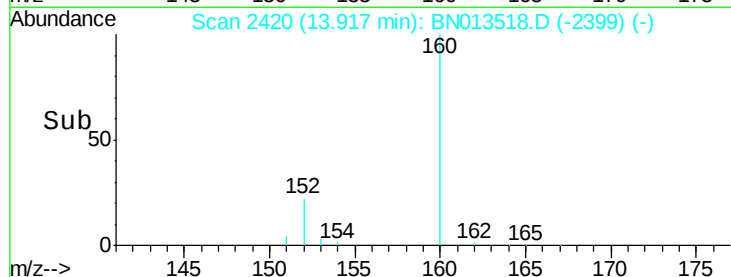
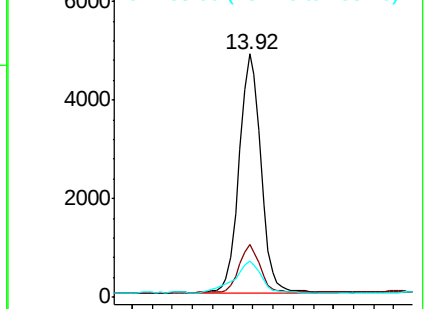
152 100

151 21.5 16.1 24.1

153 14.7 10.7 16.1



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: 0.094 ng/ul

RT: 14.26 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

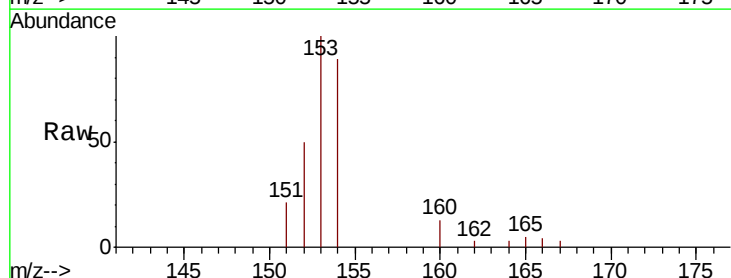
Tgt Ion:153 Resp: 3285

Ion Ratio Lower Upper

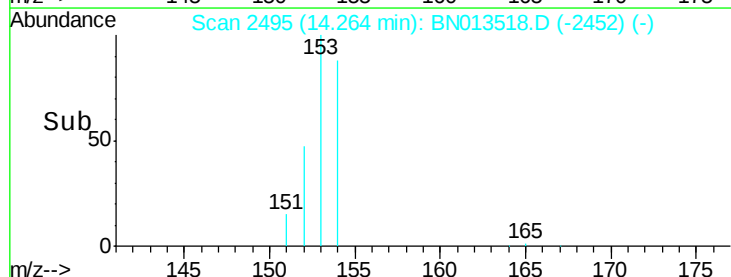
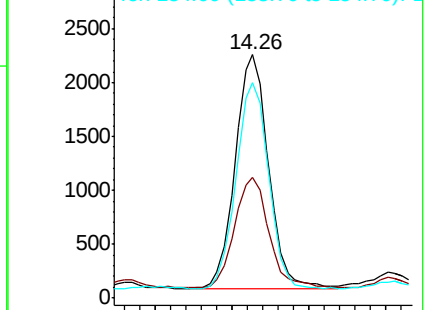
153 100

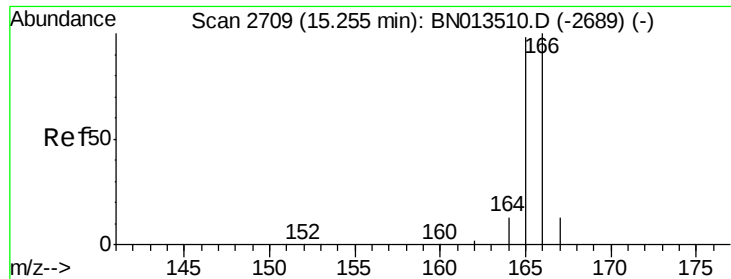
152 49.8 39.5 59.3

154 88.7 70.6 105.8



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: 0.067 ng/ul

RT: 15.25 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampleId :

F1C08

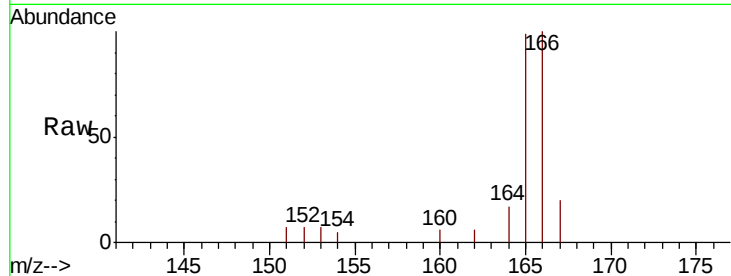
Tot Ion:166 Resp: 2602

Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

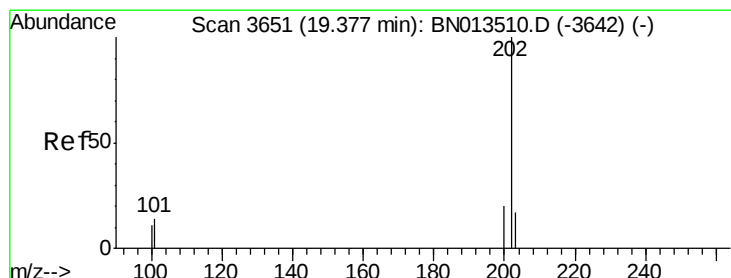
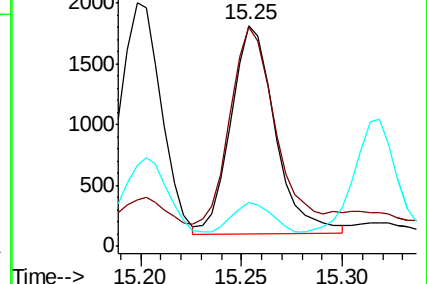
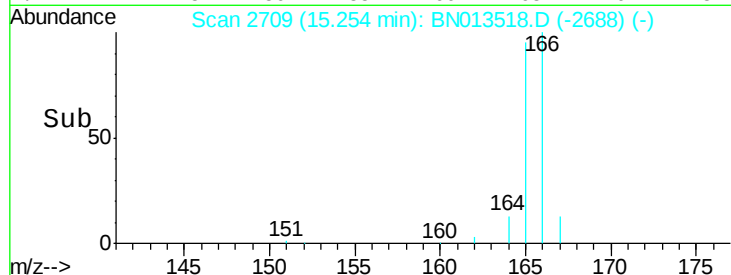
167 19.7 11.3 16.9#



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: 0.462 ng/ul

RT: 19.38 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

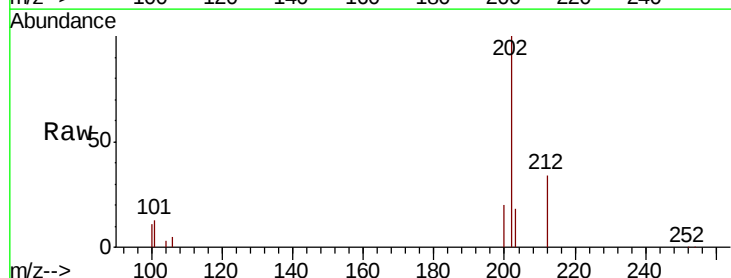
Tgt Ion:202 Resp: 35830

Ion Ratio Lower Upper

202 100

101 13.4 11.2 16.8

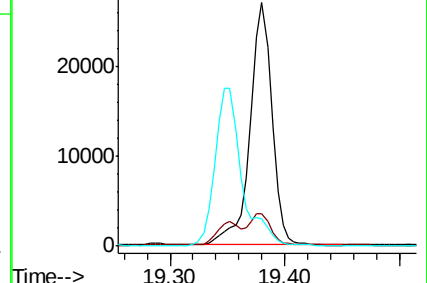
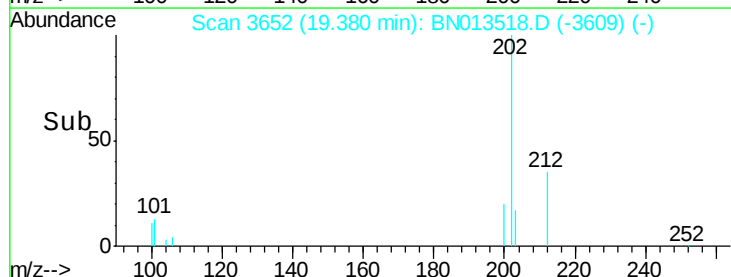
100 11.2 9.0 13.4

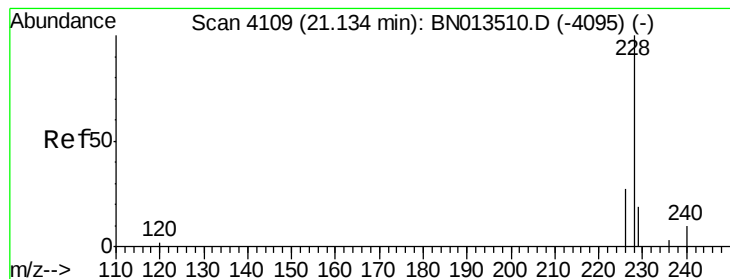


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.041 ng/ul

RT: 21.14 min Scan# 4110

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampled :

F1C08

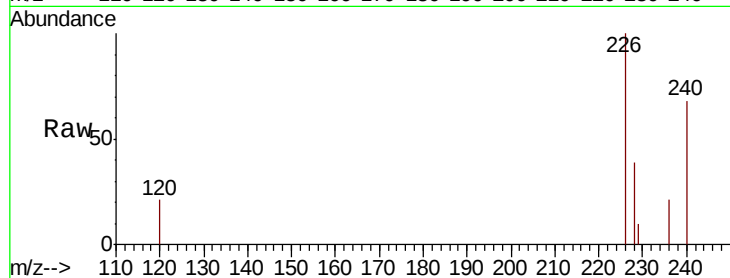
Tot Ion:228 Resp: 2582

Ion Ratio Lower Upper

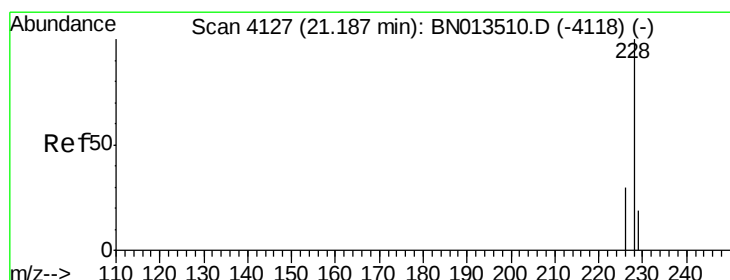
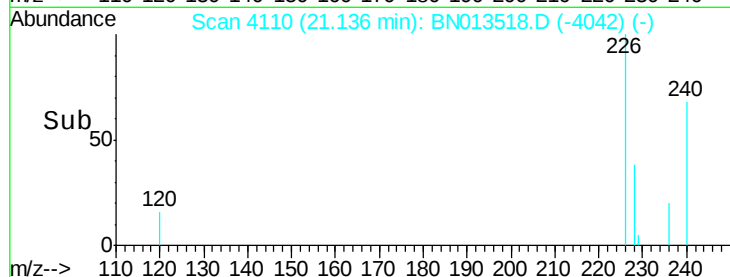
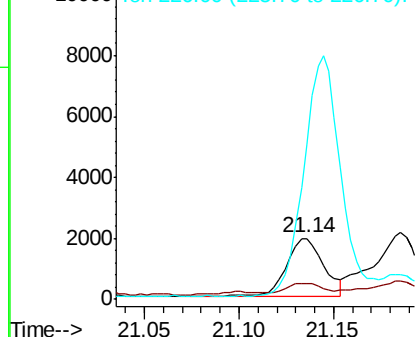
228 100

229 26.8 15.6 23.4#

226 254.9 21.9 32.9#



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: 0.044 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

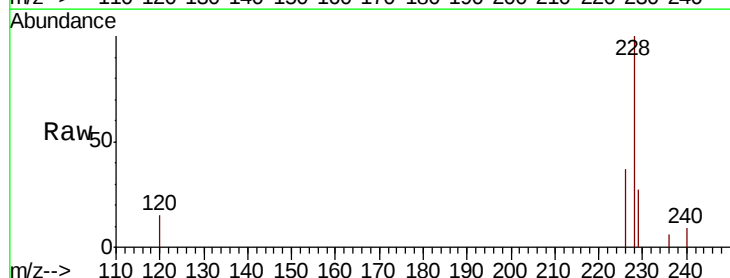
Tgt Ion:228 Resp: 3447

Ion Ratio Lower Upper

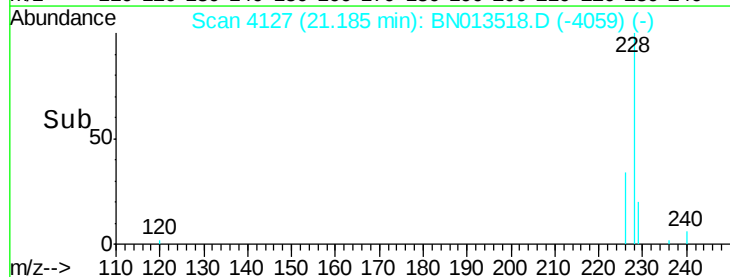
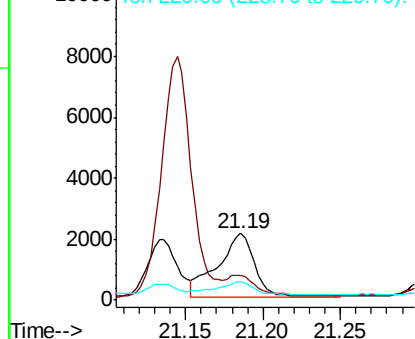
228 100

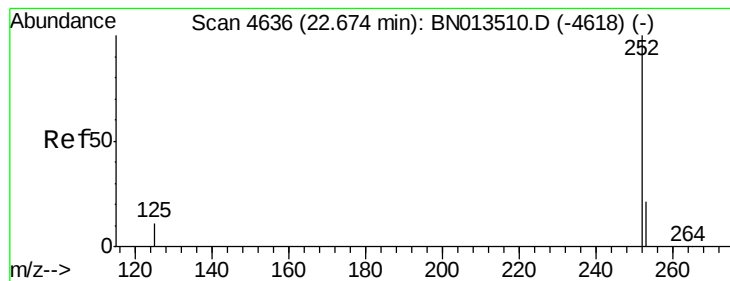
226 37.5 24.0 36.0#

229 26.9 15.8 23.8#



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: 0.079 ng/ul

RT: 22.68 min Scan# 4637

Delta R.T. 0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampleId :

F1C08

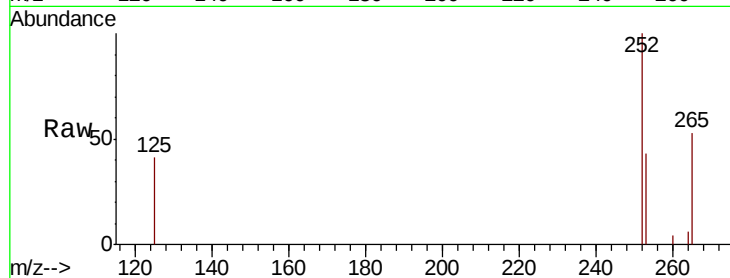
Tot Ion:252 Resp: 6227

Ion Ratio Lower Upper

252 100

253 42.9 0.0 47.4

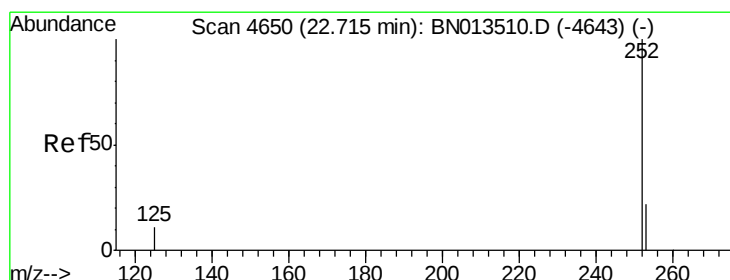
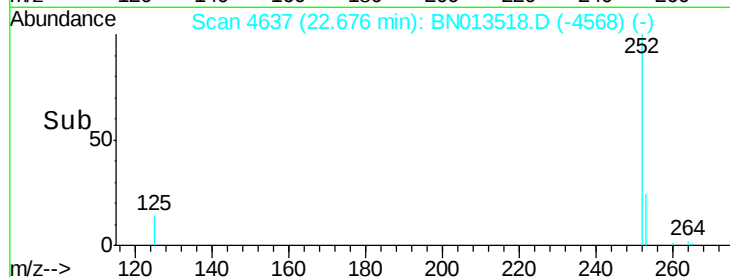
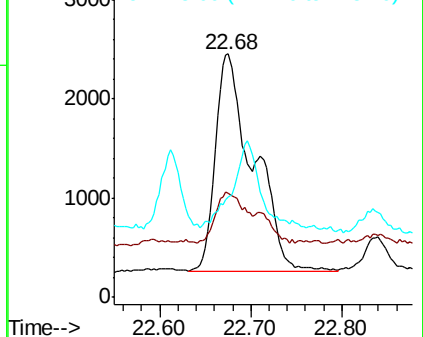
125 41.1 0.0 26.8#



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: 0.074 ng/ul

RT: 22.68 min Scan# 4637

Delta R.T. -0.04 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

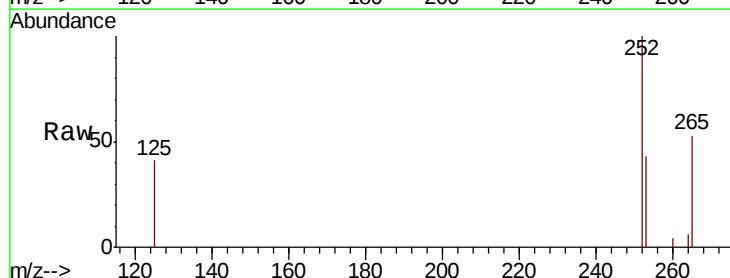
Tgt Ion:252 Resp: 6227

Ion Ratio Lower Upper

252 100

253 42.9 19.2 28.8#

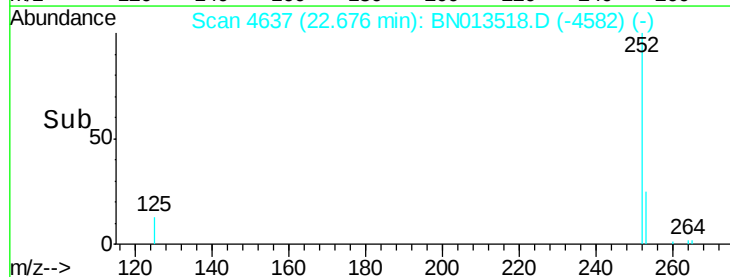
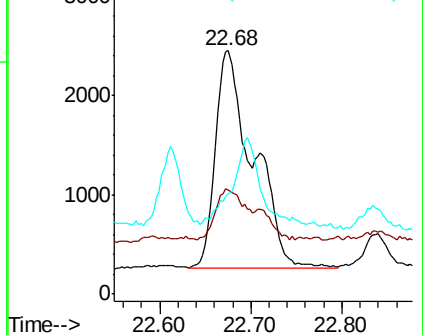
125 41.1 11.4 17.2#

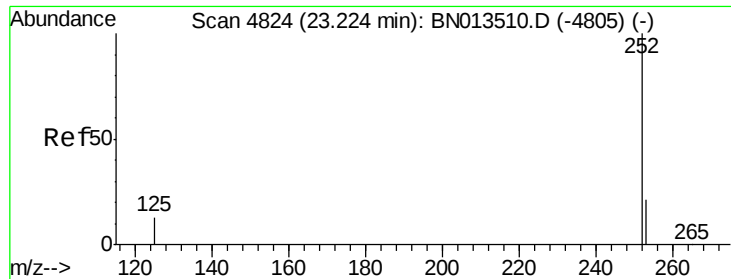


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.068 ng/ul

RT: 23.22 min Scan# 4824

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

ClientSampled :

F1C08

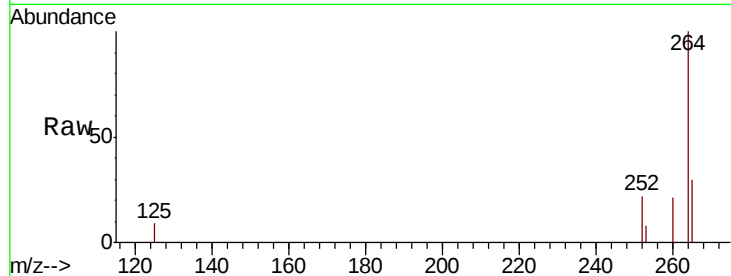
Tot Ion:252 Resp: 4537

Ion Ratio Lower Upper

252 100

253 37.7 20.1 30.1#

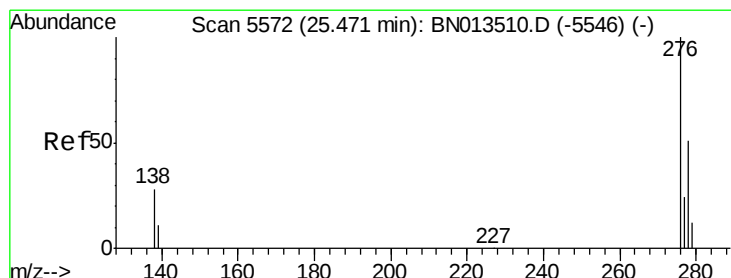
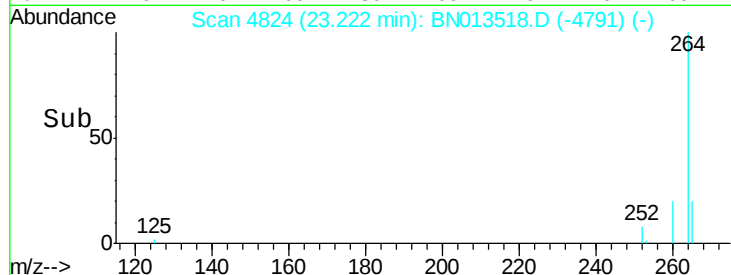
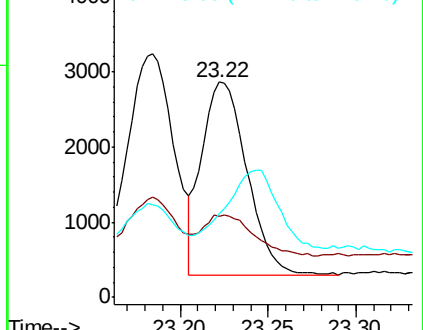
125 38.7 13.1 19.7#



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: 0.046 ng/ul

RT: 25.47 min Scan# 5573

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

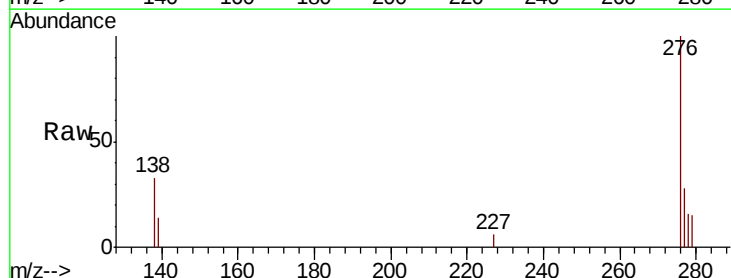
Tgt Ion:276 Resp: 4096

Ion Ratio Lower Upper

276 100

138 27.1 0.0 0.0#

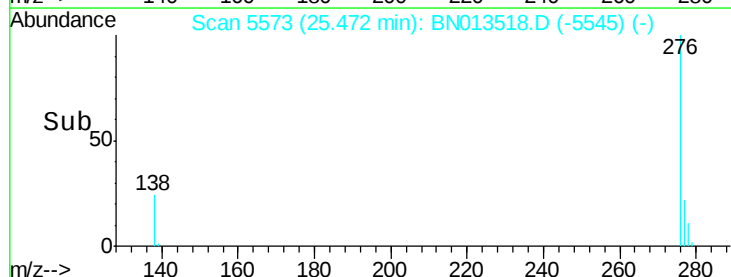
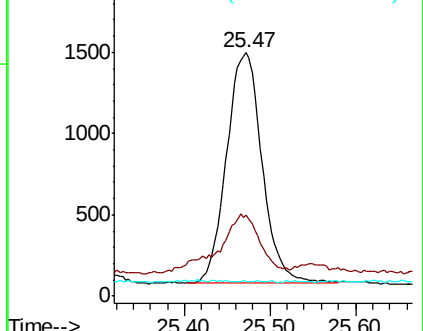
227 0.1 0.0 0.0#

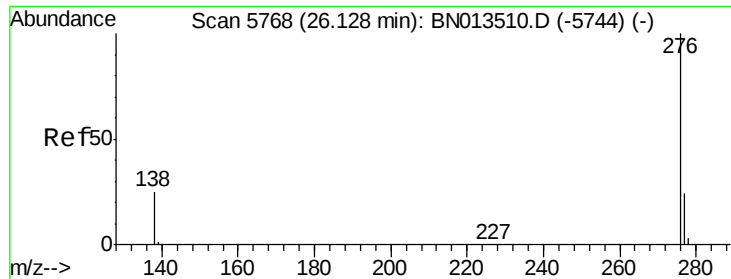


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

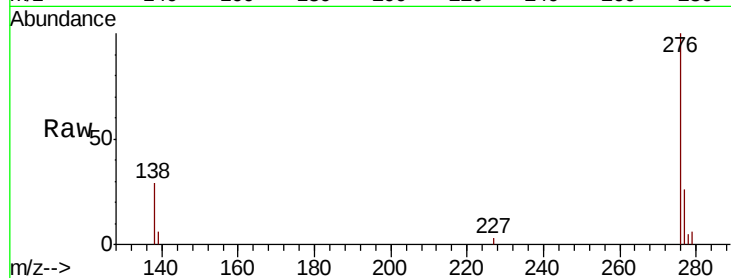




#26
Benzo(a,h,i)perylene
Concen: 0.117 ng/ul
RT: 26.13 min Scan# 5768
Delta R.T. -0.00 min
Lab File: BN013518.D
Acq: 27 Jan 2021 22:31

Instrument :
BNA_N
ClientSampleId :
F1C08

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.0	31.4
277	26.4	19.5	29.3



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

