

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013515.D
 Acq On : 27 Jan 2021 20:44
 Operator : CG/JU
 Sample : M1099-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C07

Quant Time: Jan 27 23:45:19 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	4815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	17922	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10471	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	19338	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	19360	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.92	152	10844	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	21732	0.00	ng/ul	0.00

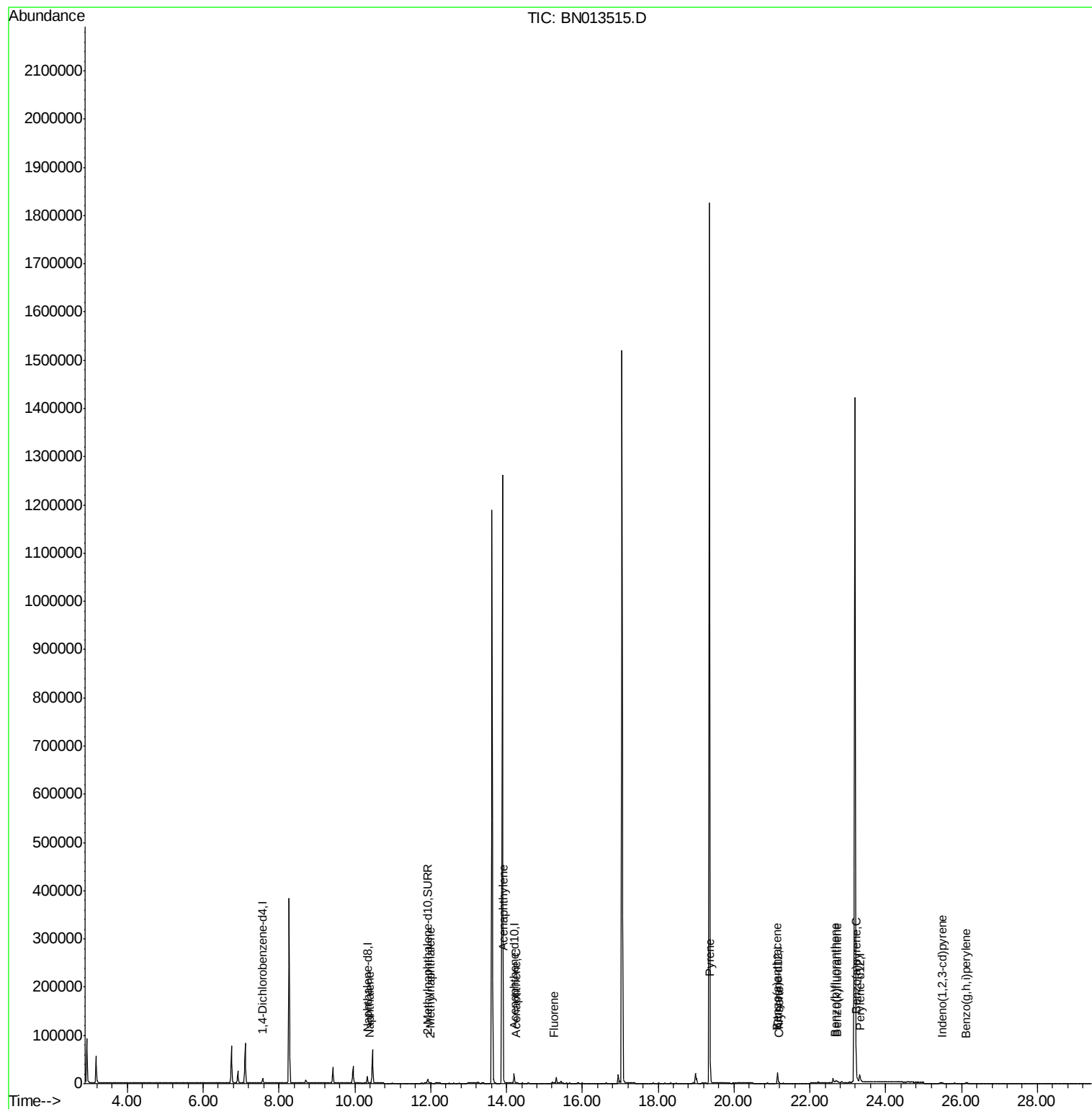
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.38	128	2363	0.046	ng/ul#	91
5) 2-Methylnaphthalene	12.00	142	1053	0.032	ng/ul	99
7) Acenaphthylene	13.92	152	2833	0.066	ng/ul#	93
8) Acenaphthene	14.26	153	1171	0.030	ng/ul	98
9) Fluorene	15.25	166	1292	0.030	ng/ul#	92
17) Pyrene	19.38	202	14704	0.186	ng/ul	99
18) Benzo(a)anthracene	21.13	228	2428	0.038	ng/ul#	73
19) Chrysene	21.18	228	3623	0.046	ng/ul#	93
21) Benzo(b)fluoranthene	22.67	252	4974	0.061	ng/ul#	60
22) Benzo(k)fluoranthene	22.72	252	2078	0.024	ng/ul#	32
23) Benzo(a)pyrene	23.23	252	2770	0.040	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.47	276	2852	0.031	ng/ul#	100
26) Benzo(g,h,i)perylene	26.12	276	3345	0.041	ng/ul#	88

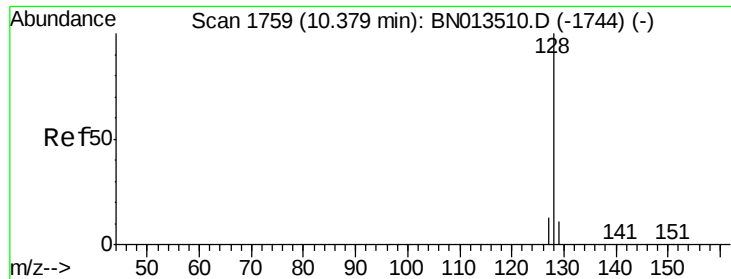
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

Instrument :

BNA_N

ClientSampleId :

F1C07

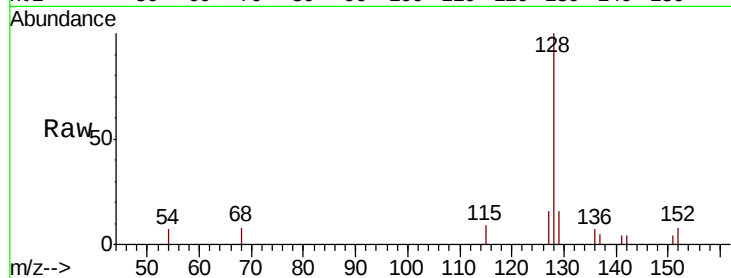
Tot Ion:128 Resp: 2363

Ion Ratio Lower Upper

128 100

129 16.1 9.0 13.6#

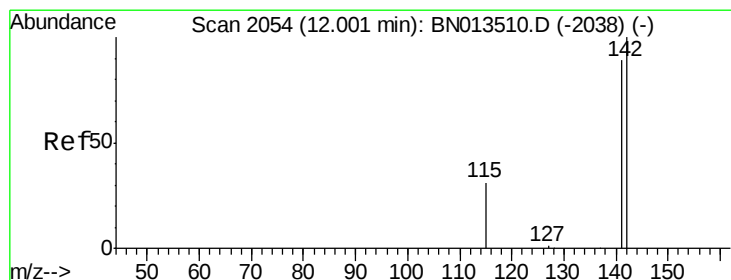
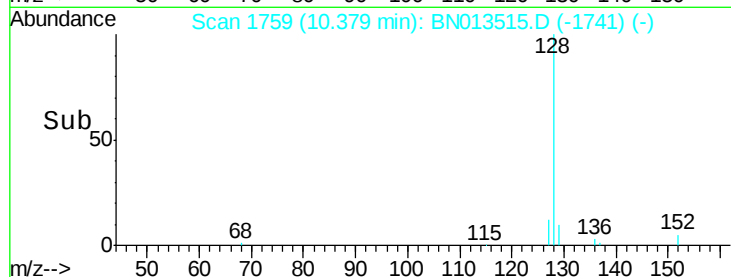
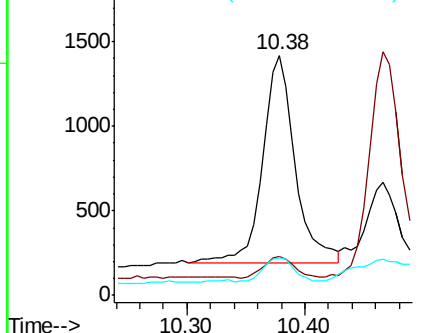
127 15.7 10.6 15.8



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: 0.032 ng/ul

RT: 12.00 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN013515.D

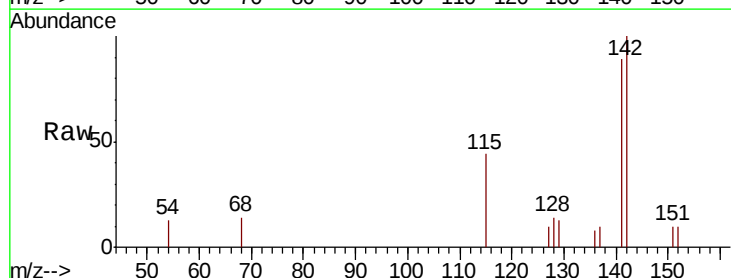
Acq: 27 Jan 2021 20:44

Tgt Ion:142 Resp: 1053

Ion Ratio Lower Upper

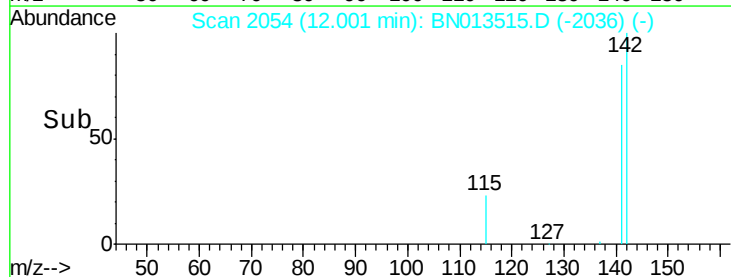
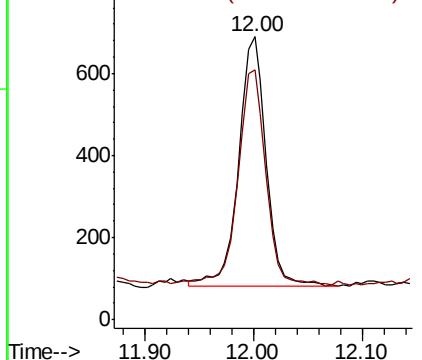
142 100

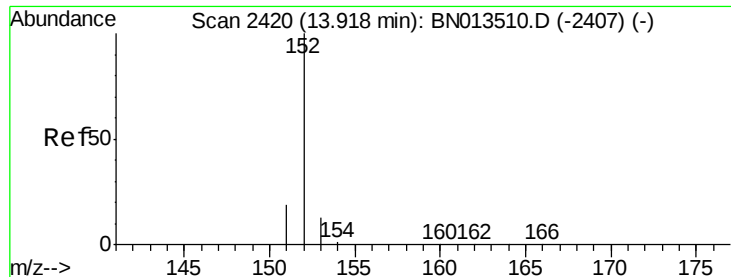
141 89.0 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.066 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

Instrument :

BNA_N

ClientSampleId :

F1C07

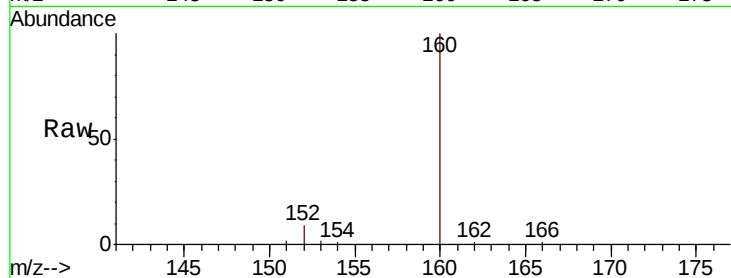
Tot Ion:152 Resp: 2833

Ion Ratio Lower Upper

152 100

151 22.3 16.1 24.1

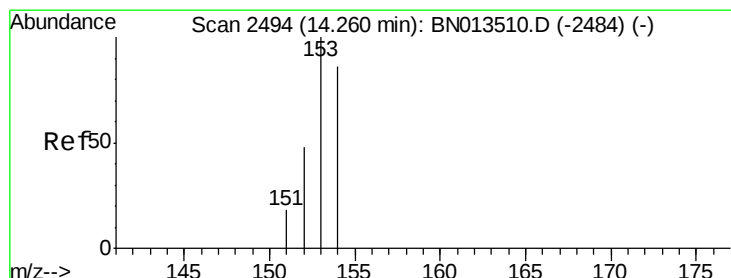
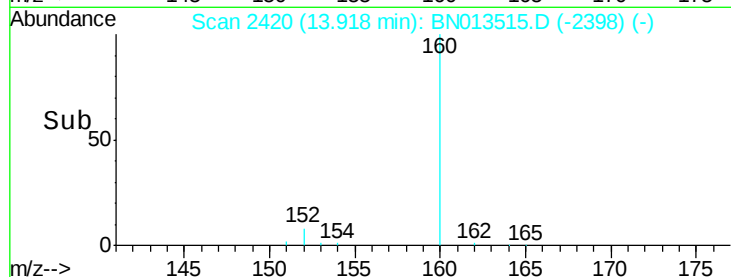
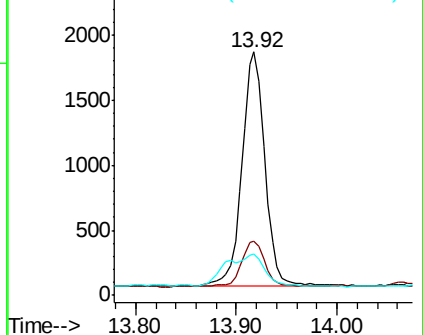
153 17.1 10.7 16.1#



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: 0.030 ng/ul

RT: 14.26 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

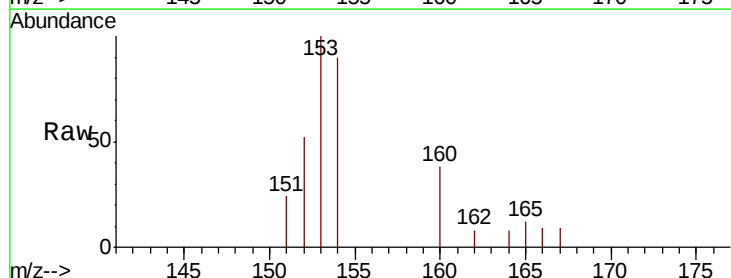
Tgt Ion:153 Resp: 1171

Ion Ratio Lower Upper

153 100

152 51.5 39.5 59.3

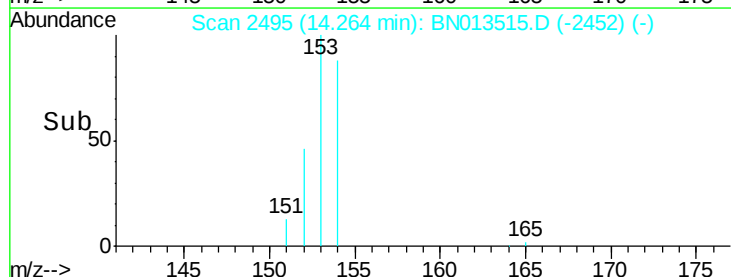
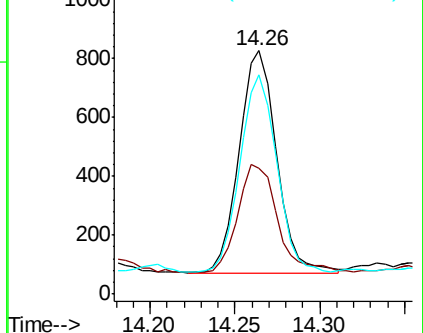
154 89.8 70.6 105.8

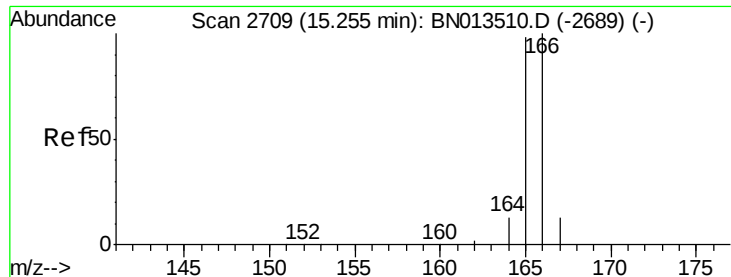


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

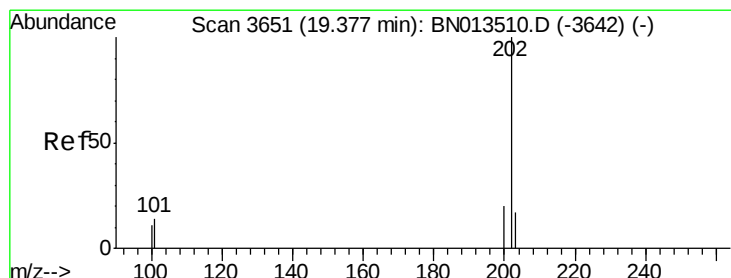
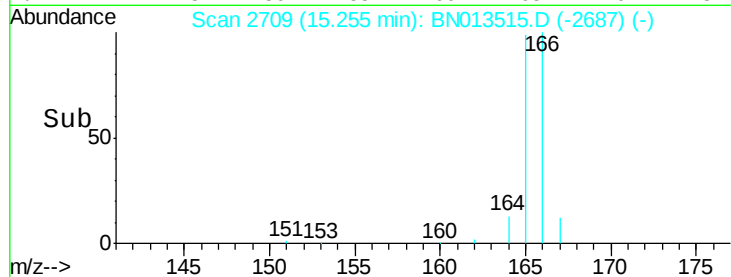
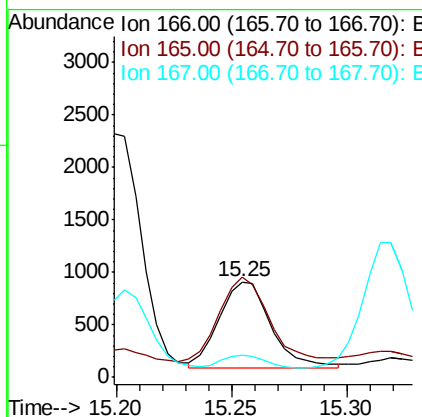
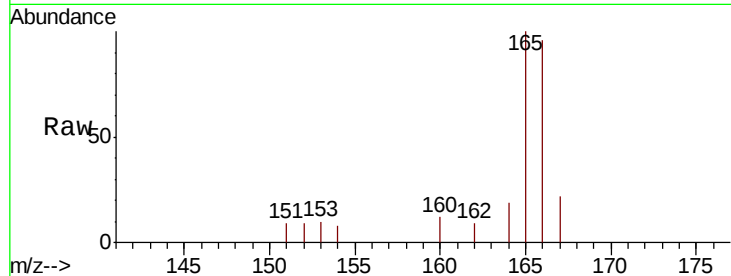




#9
Fluorene
 Concen: 0.030 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

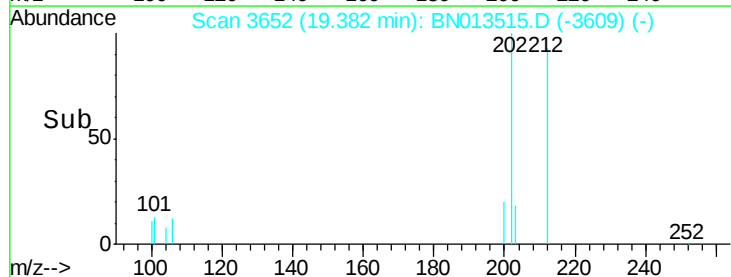
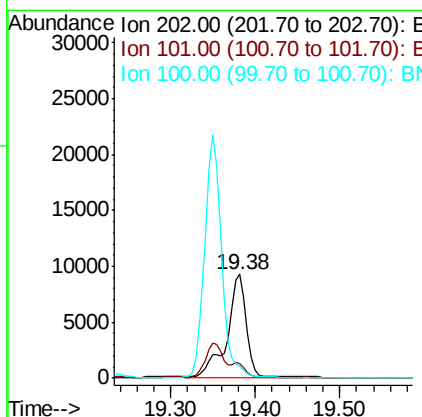
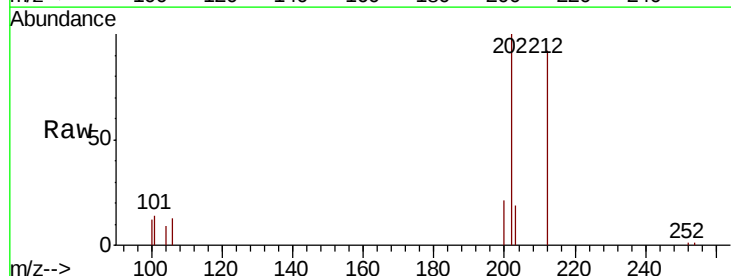
Instrument :
 BNA_N
 ClientSampleId :
 F1C07

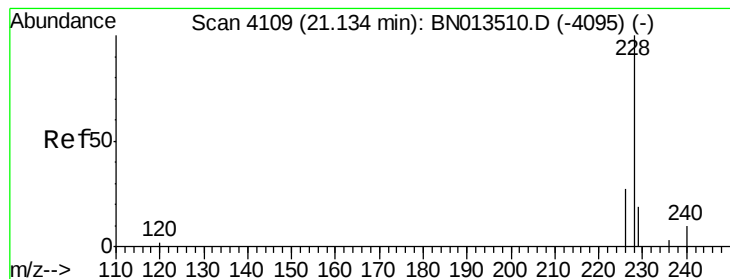
Tot Ion:166 Resp: 1292
 Ion Ratio Lower Upper
 166 100
 165 104.4 78.7 118.1
 167 22.8 11.3 16.9#



#17
Pyrene
 Concen: 0.186 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Tgt Ion:202 Resp: 14704
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.2 16.8
 100 11.7 9.0 13.4





#18

Benzo(a)anthracene

Concen: 0.038 ng/ul

RT: 21.13 min Scan# 4109

Delta R.T. -0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

Instrument :

BNA_N

ClientSampleId :

F1C07

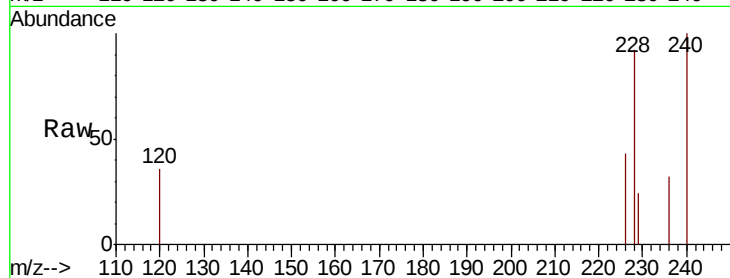
Tot Ion:228 Resp: 2428

Ion Ratio Lower Upper

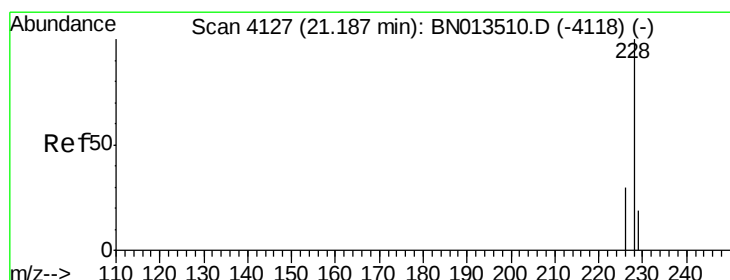
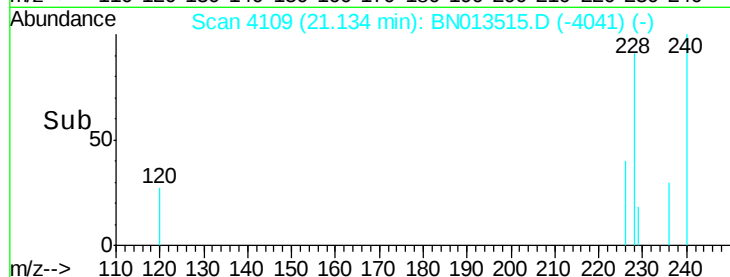
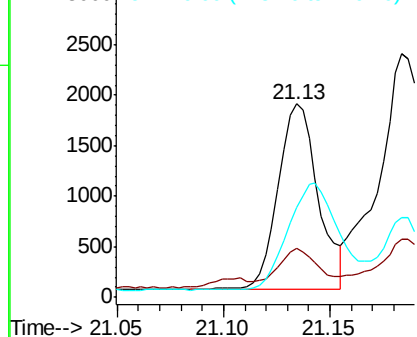
228 100

229 25.7 15.6 23.4#

226 46.7 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: 0.046 ng/ul

RT: 21.18 min Scan# 4126

Delta R.T. -0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

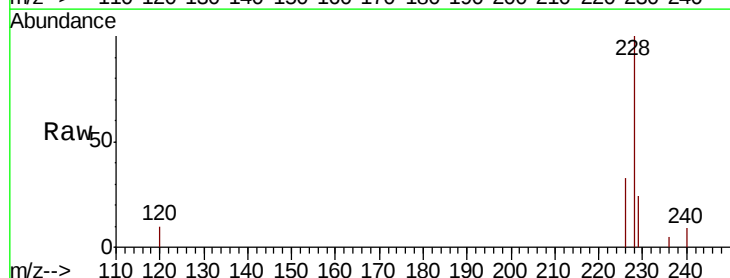
Tgt Ion:228 Resp: 3623

Ion Ratio Lower Upper

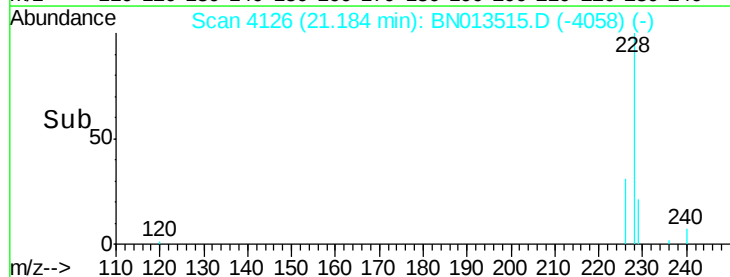
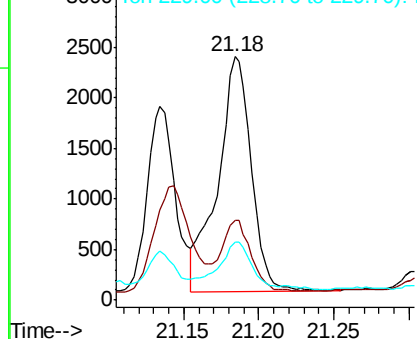
228 100

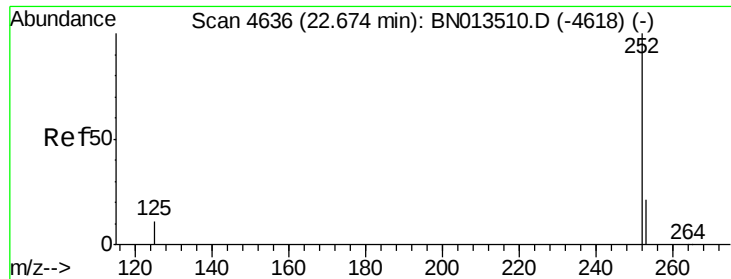
226 32.8 24.0 36.0

229 24.0 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: 0.061 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

Instrument :

BNA_N

ClientSampleId :

F1C07

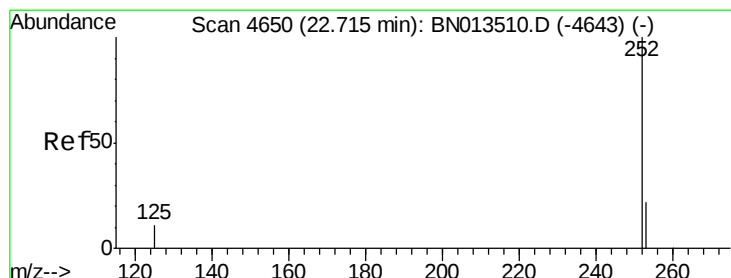
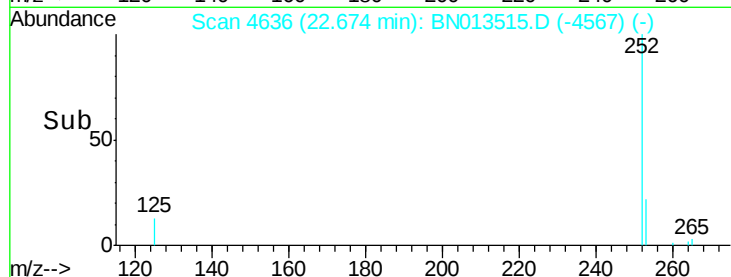
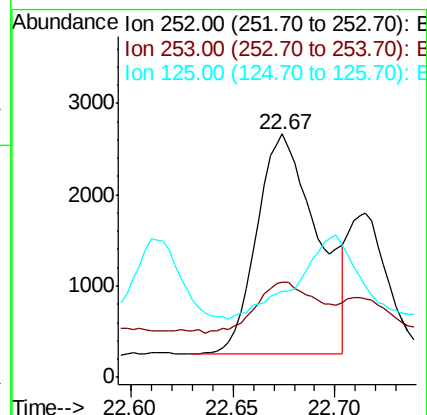
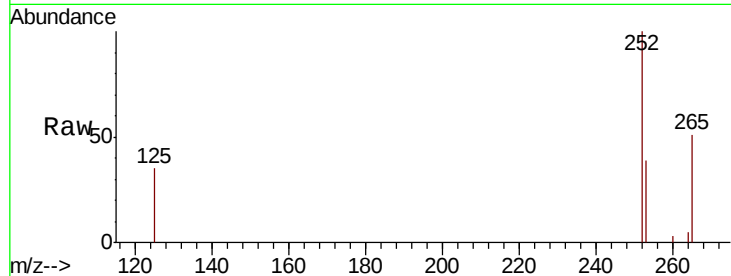
Tot Ion:252 Resp: 4974

Ion Ratio Lower Upper

252 100

253 38.9 0.0 47.4

125 35.4 0.0 26.8#



#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.72 min Scan# 4650

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

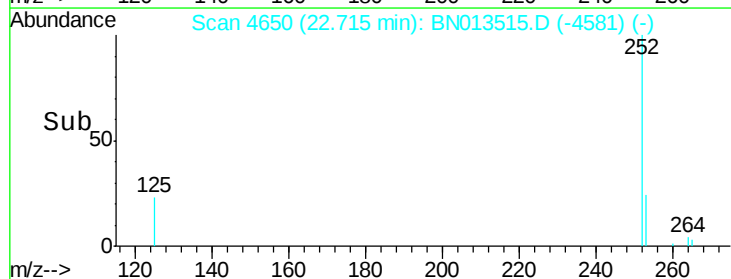
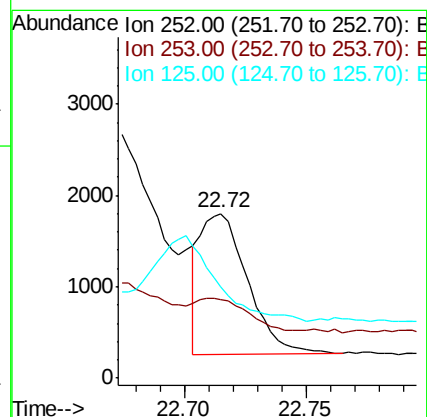
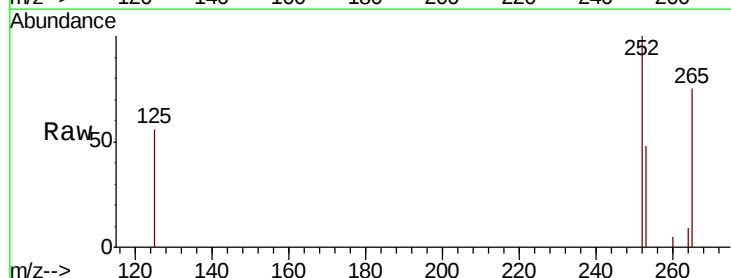
Tgt Ion:252 Resp: 2078

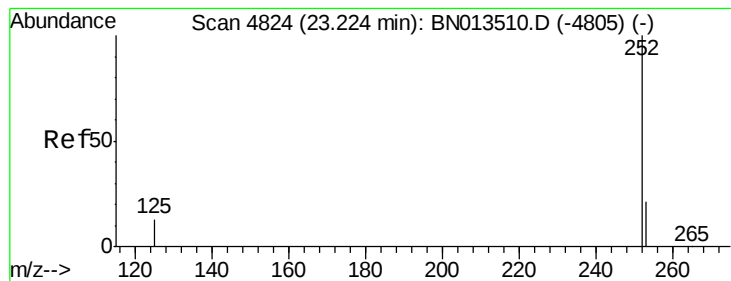
Ion Ratio Lower Upper

252 100

253 48.1 19.2 28.8#

125 55.5 11.4 17.2#





#23

Benzo(a)pyrene

Concen: 0.040 ng/u1

RT: 23.23 min Scan# 4825

Delta R.T. 0.00 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

Instrument :

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F1C07

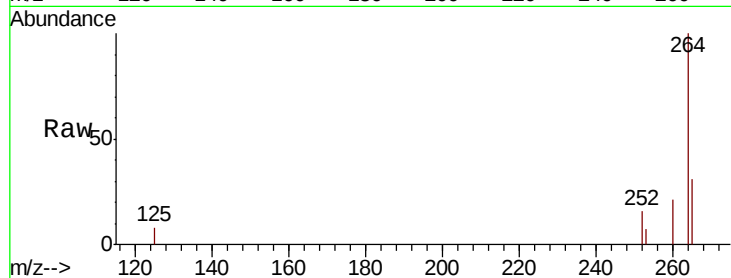
Tot Ion:252 Resp: 2770

Ion Ratio Lower Upper

252 100

253 46.3 20.1 30.1#

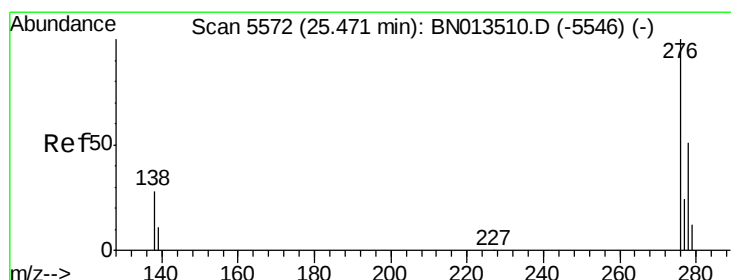
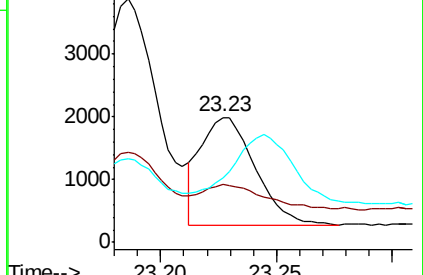
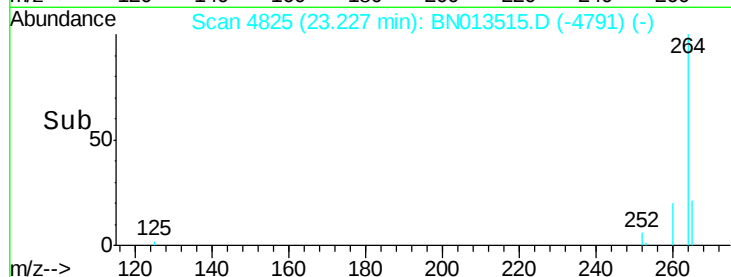
125 51.6 13.1 19.7#



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: 0.031 ng/u1

RT: 25.47 min Scan# 5572

Delta R.T. -0.01 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

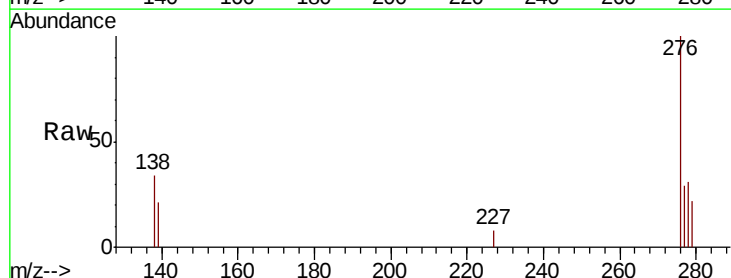
Tgt Ion:276 Resp: 2852

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

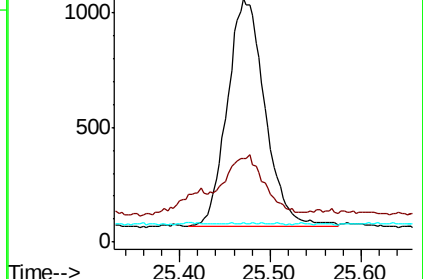
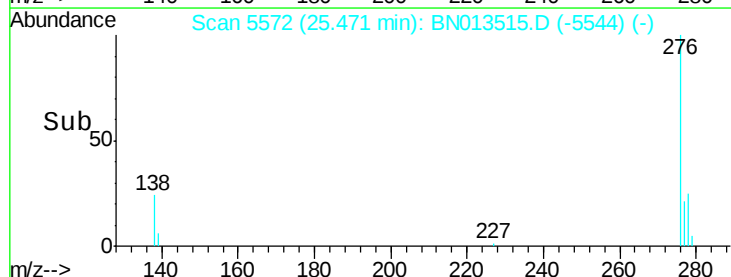
227 0.1 0.0 0.0#

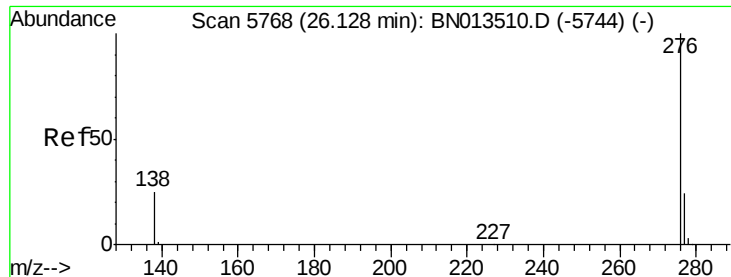


Abundance Ion 276.00 (275.70 to 276.70): E

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: 0.041 ng/ul

RT: 26.12 min Scan# 5767

Delta R.T. -0.01 min

Lab File: BN013515.D

Acq: 27 Jan 2021 20:44

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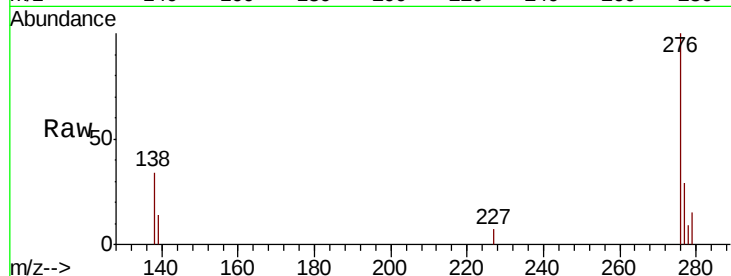
Tot Ion:276 Resp: 3345

Ion Ratio Lower Upper

276 100

138 33.8 21.0 31.4#

277 29.0 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

