

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013516.D
 Acq On : 27 Jan 2021 21:20
 Operator : CG/JU
 Sample : M1099-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C01

Quant Time: Jan 27 23:45:28 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

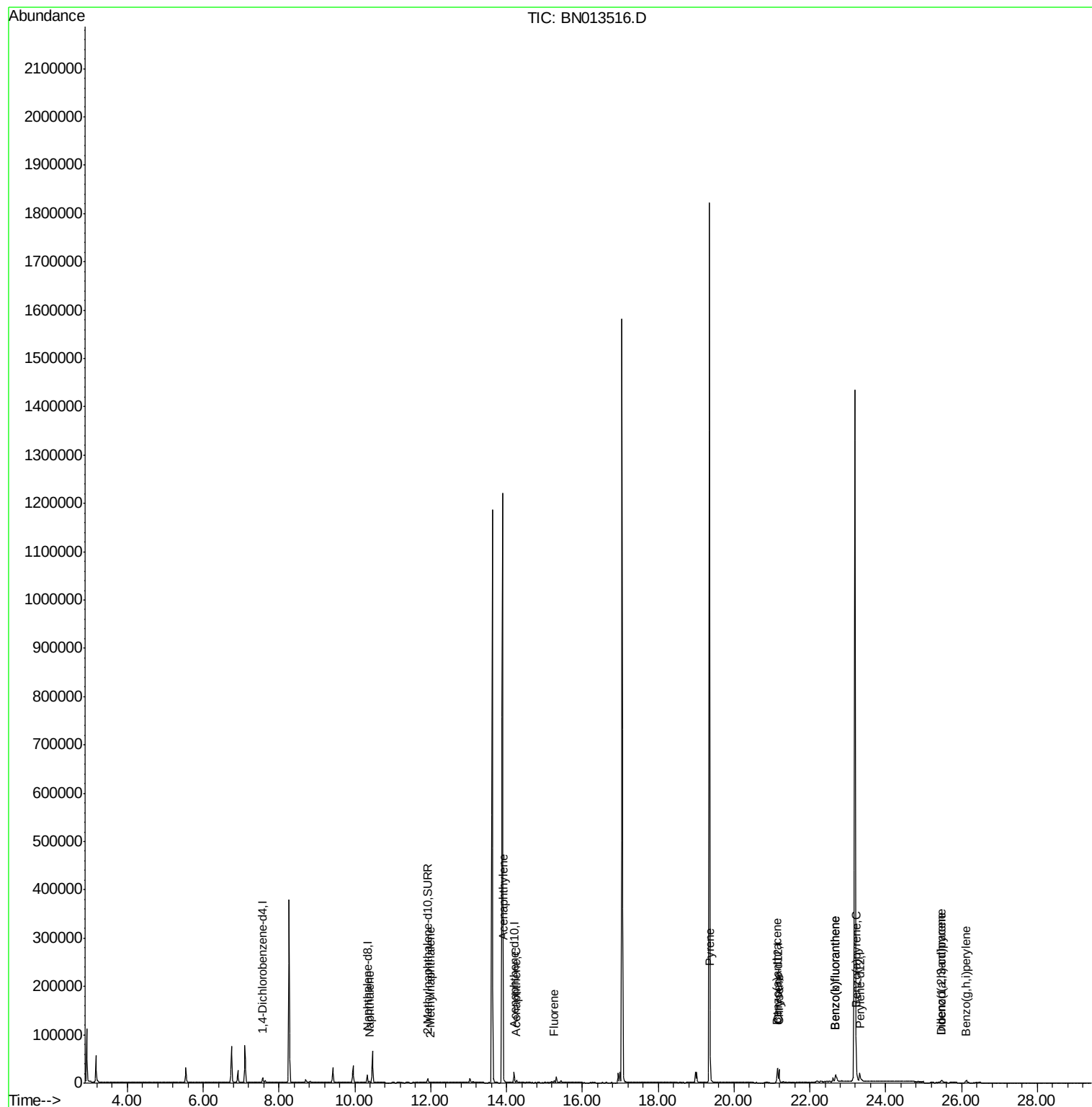
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11537	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	22287	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	21487	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10600	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	23094	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	3784	0.068	ng/ul#	94
5) 2-Methylnaphthalene	12.00	142	822	0.023	ng/ul	95
7) Acenaphthylene	13.92	152	4273	0.090	ng/ul	94
8) Acenaphthene	14.26	153	2917	0.069	ng/ul	97
9) Fluorene	15.25	166	3223	0.069	ng/ul#	97
17) Pyrene	19.38	202	17795	0.195	ng/ul	99
18) Benzo(a)anthracene	21.13	228	15130	0.206	ng/ul	95
19) Chrysene	21.19	228	24492	0.267	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	33339	0.370	ng/ul	92
22) Benzo(k)fluoranthene	22.67	252	33339	0.347	ng/ul#	93
23) Benzo(a)pyrene	23.23	252	15635	0.204	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	8729	0.086	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2338	0.028	ng/ul#	63
26) Benzo(g,h,i)perylene	26.13	276	8705	0.097	ng/ul	96

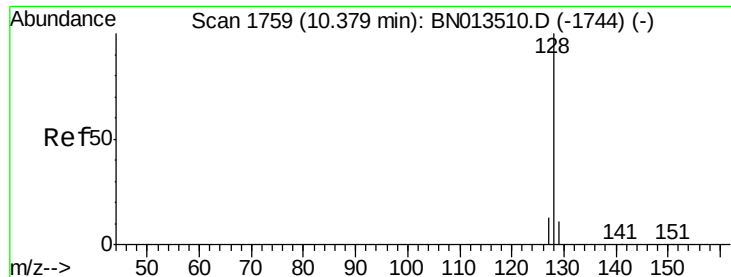
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.068 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

Instrument :

BNA_N

ClientSampleId :

F1C01

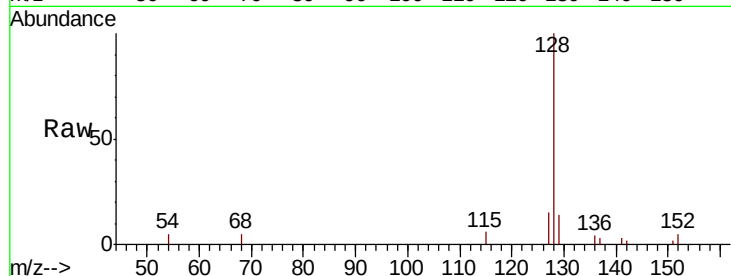
Tot Ion:128 Resp: 3784

Ion Ratio Lower Upper

128 100

129 13.8 9.0 13.6#

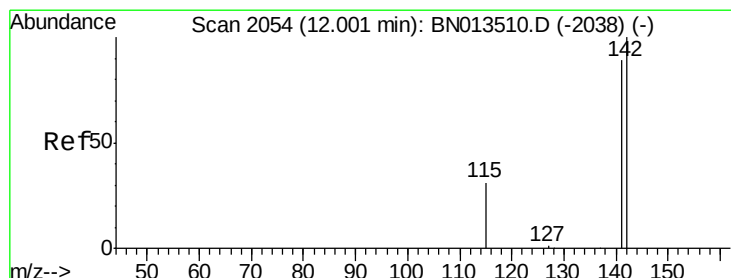
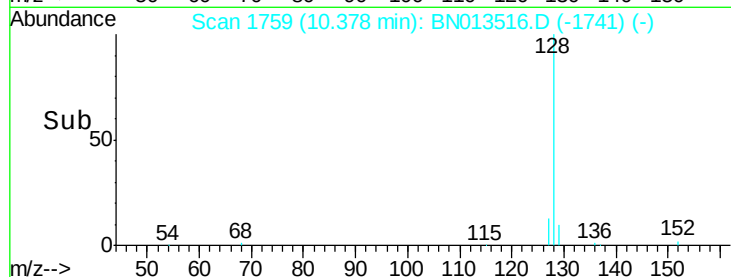
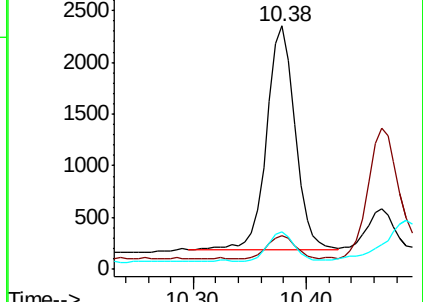
127 15.3 10.6 15.8



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: 0.023 ng/ul

RT: 12.00 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN013516.D

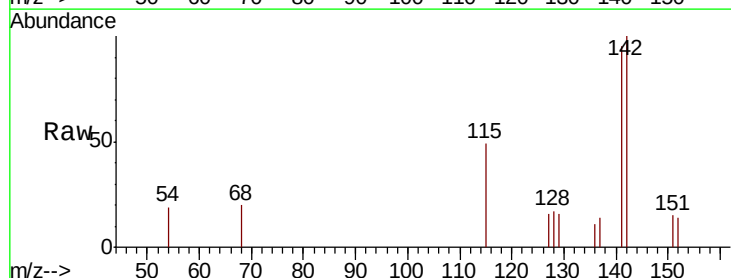
Acq: 27 Jan 2021 21:20

Tgt Ion:142 Resp: 822

Ion Ratio Lower Upper

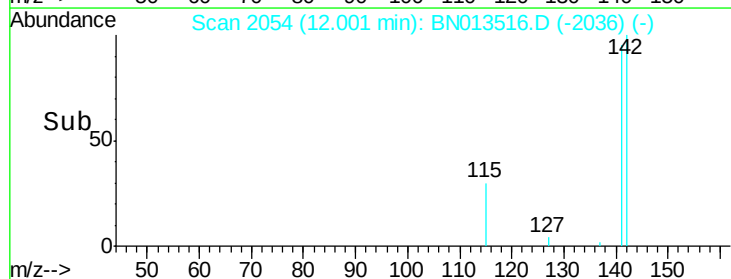
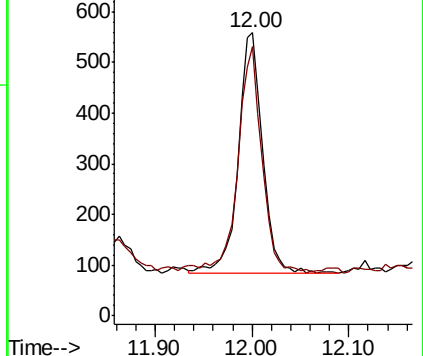
142 100

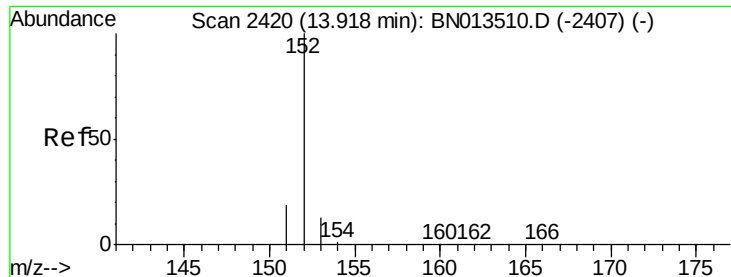
141 92.8 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

Instrument :

BNA_N

ClientSampleId :

F1C01

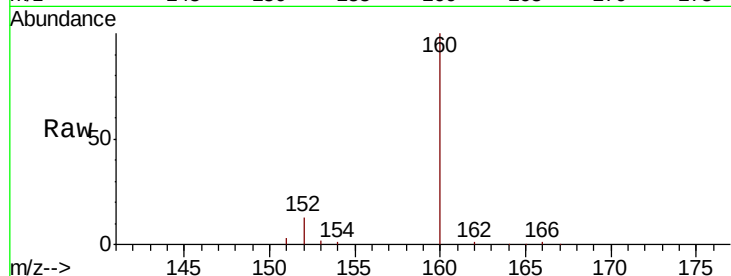
Tot Ion:152 Resp: 4273

Ion Ratio Lower Upper

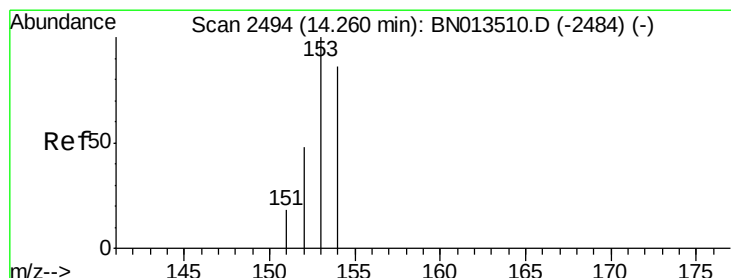
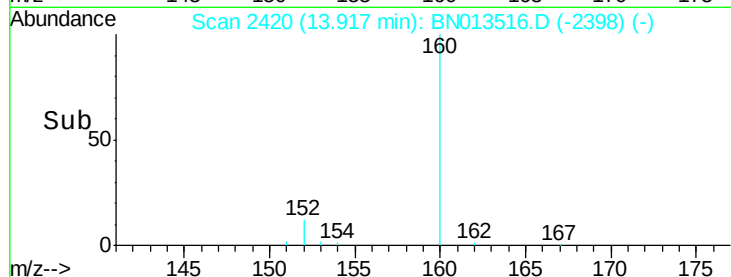
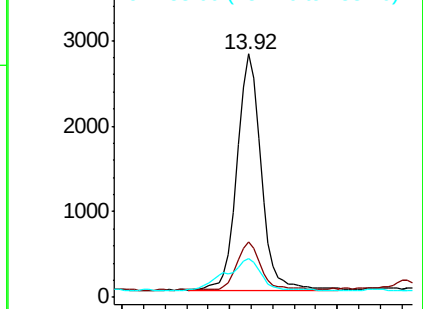
152 100

151 22.7 16.1 24.1

153 15.9 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: 0.069 ng/ul

RT: 14.26 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

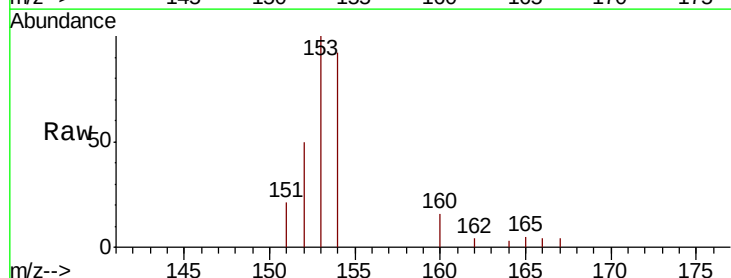
Tgt Ion:153 Resp: 2917

Ion Ratio Lower Upper

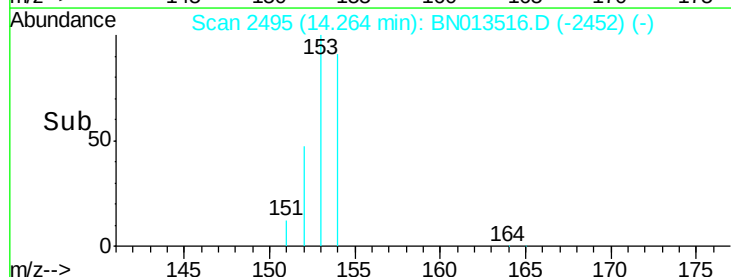
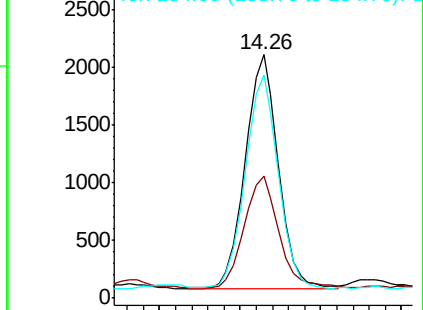
153 100

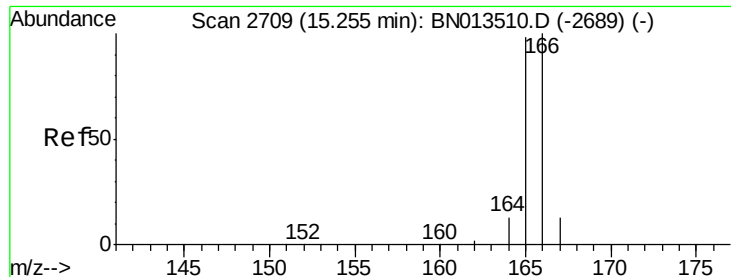
152 50.0 39.5 59.3

154 91.5 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

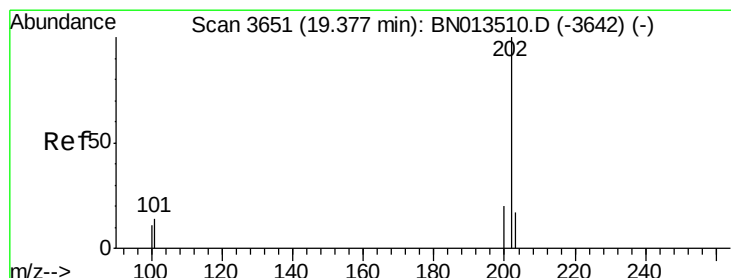
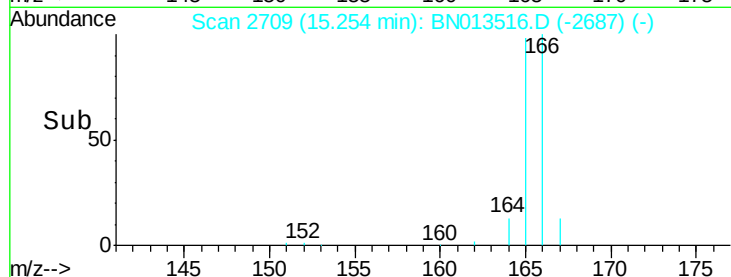
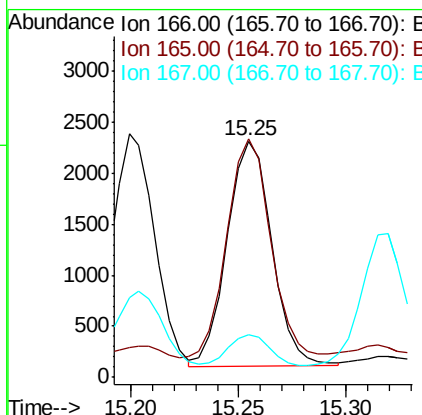
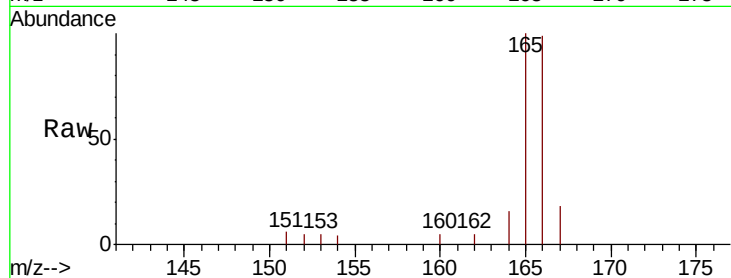




#9
Fluorene
 Concen: 0.069 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BN013516.D
 Acq: 27 Jan 2021 21:20

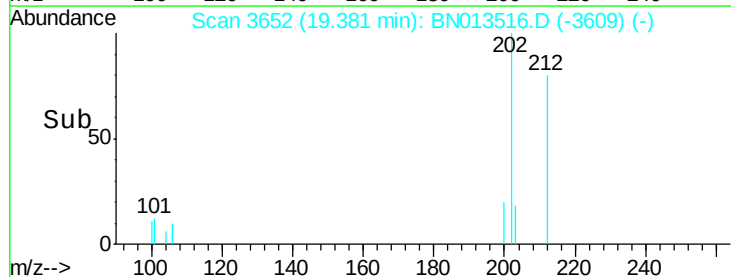
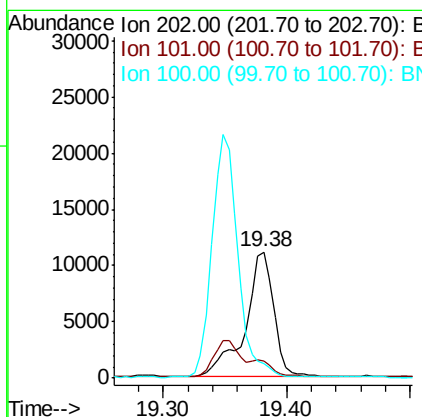
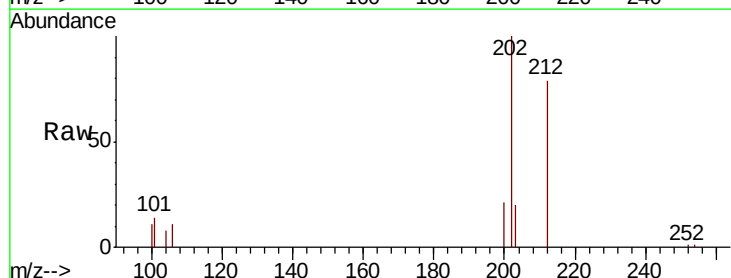
Instrument :
 BNA_N
 ClientSampleId :
 F1C01

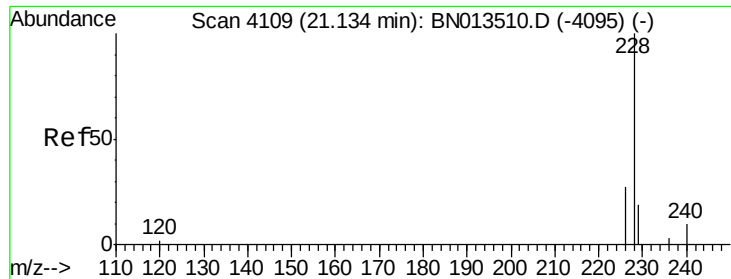
Tot Ion:166 Resp: 3223
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.7 118.1
 167 18.1 11.3 16.9#



#17
Pyrene
 Concen: 0.195 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. 0.00 min
 Lab File: BN013516.D
 Acq: 27 Jan 2021 21:20

Tgt Ion:202 Resp: 17795
 Ion Ratio Lower Upper
 202 100
 101 13.6 11.2 16.8
 100 11.4 9.0 13.4





#18

Benzo(a)anthracene

Concen: 0.206 ng/ul

RT: 21.13 min Scan# 4109

Delta R.T. -0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

Instrument :

BNA_N

ClientSampleId :

F1C01

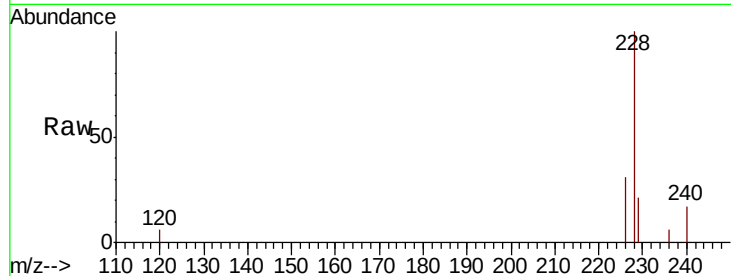
Tot Ion:228 Resp: 15130

Ion Ratio Lower Upper

228 100

229 21.4 15.6 23.4

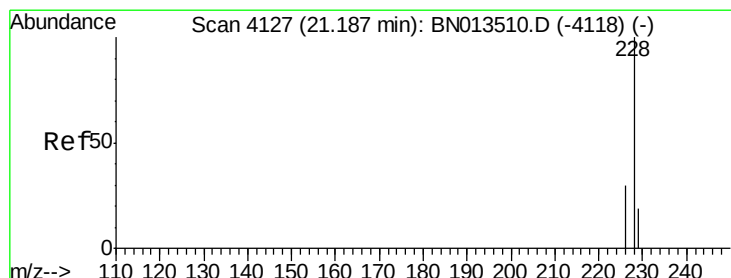
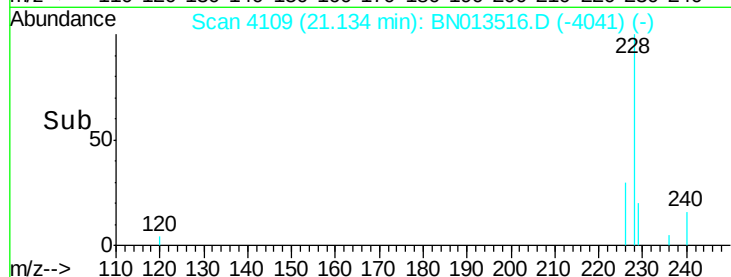
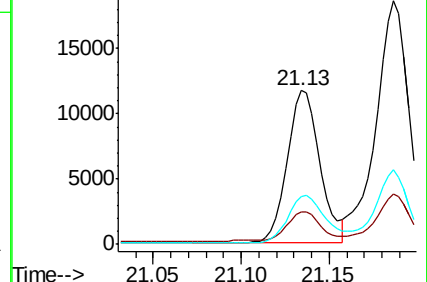
226 30.8 21.9 32.9



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: 0.267 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

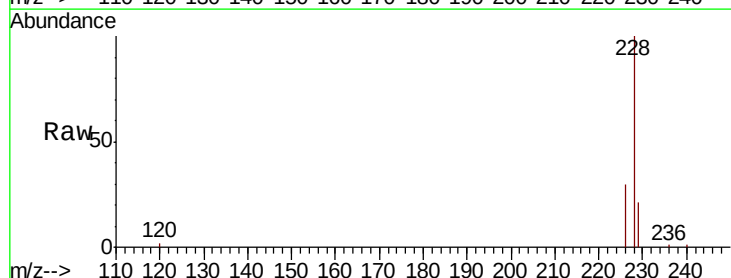
Tgt Ion:228 Resp: 24492

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

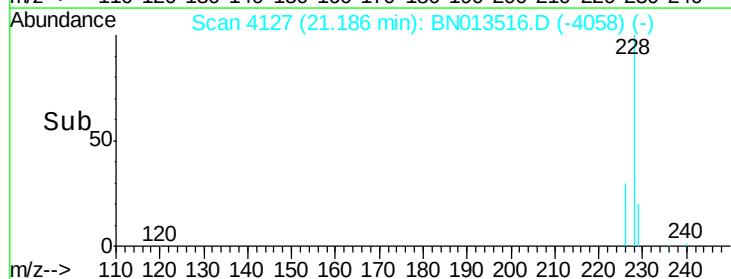
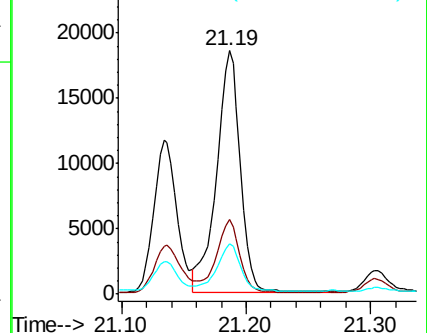
229 20.5 15.8 23.8

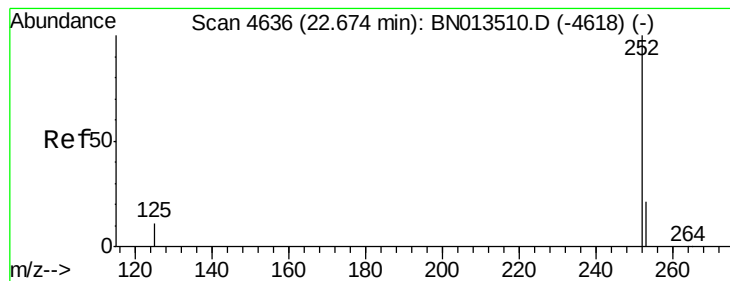


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.370 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

Instrument :

BNA_N

ClientSampleId :

F1C01

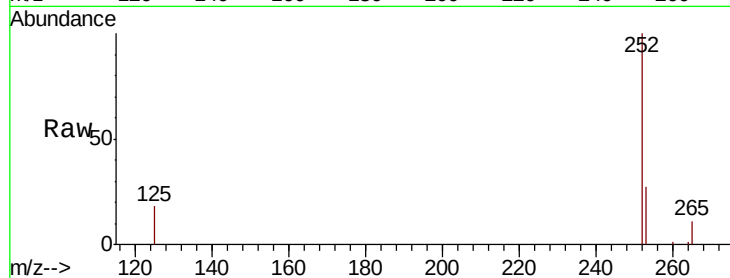
Tot Ion:252 Resp: 33339

Ion Ratio Lower Upper

252 100

253 27.0 0.0 47.4

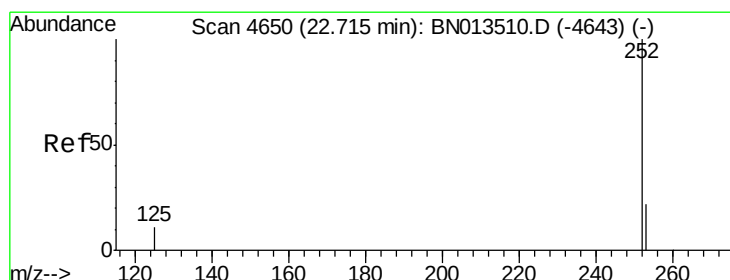
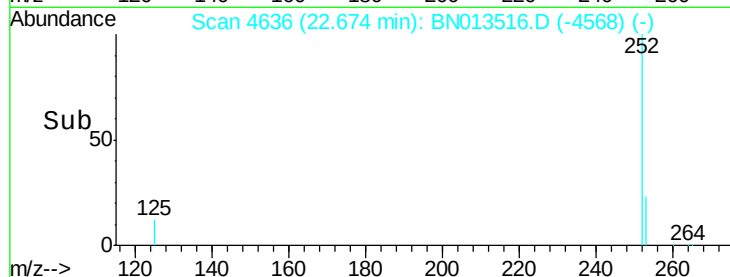
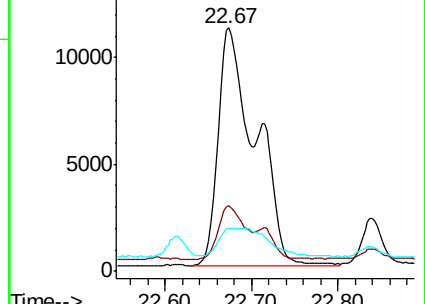
125 17.7 0.0 26.8



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: 0.347 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. -0.04 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

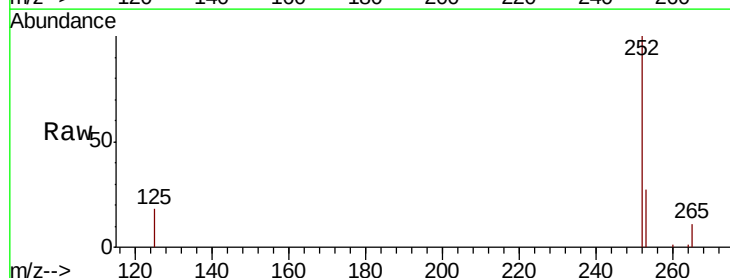
Tgt Ion:252 Resp: 33339

Ion Ratio Lower Upper

252 100

253 27.0 19.2 28.8

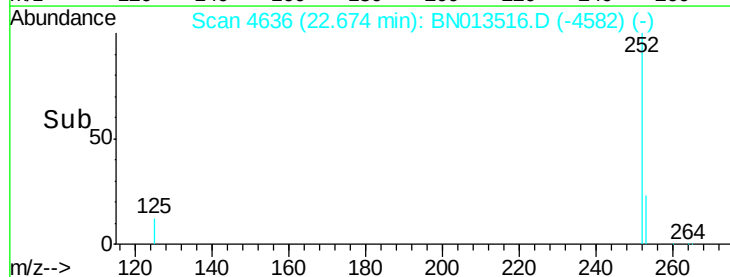
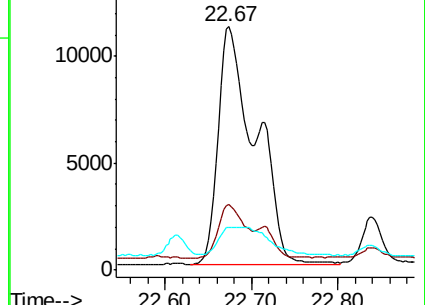
125 17.7 11.4 17.2#

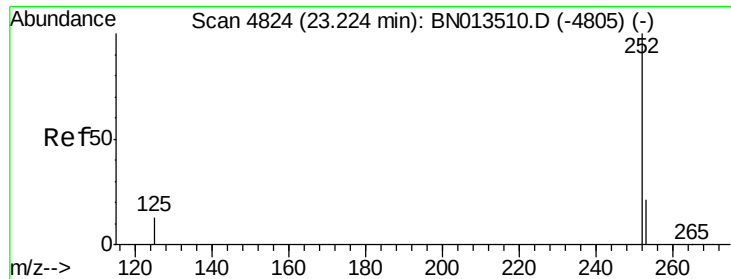


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.204 ng/ul

RT: 23.23 min Scan# 4825

Delta R.T. 0.00 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

Instrument :

BNA_N

ClientSampleId :

F1C01

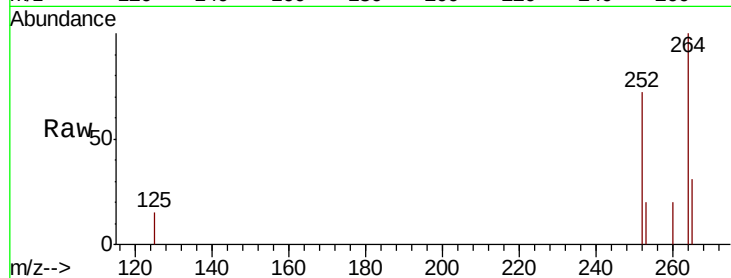
Tot Ion:252 Resp: 15635

Ion Ratio Lower Upper

252 100

253 27.4 20.1 30.1

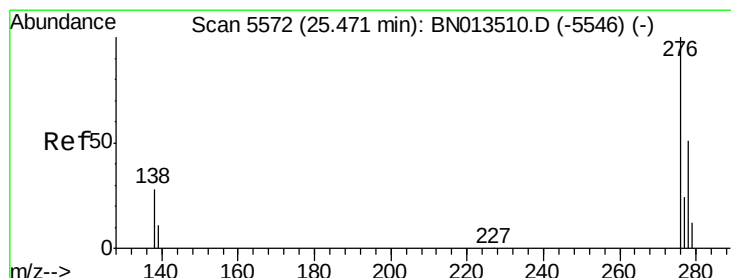
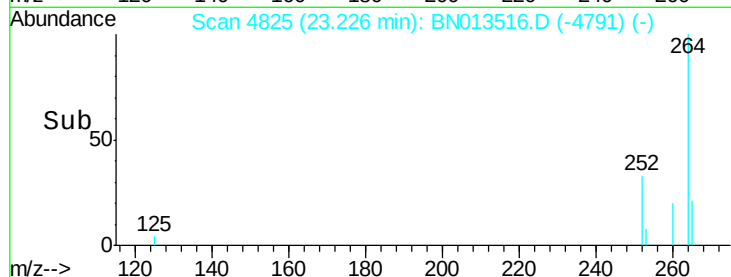
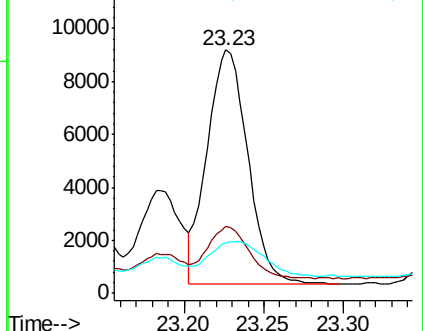
125 20.8 13.1 19.7#



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: 0.086 ng/ul

RT: 25.47 min Scan# 5572

Delta R.T. -0.01 min

Lab File: BN013516.D

Acq: 27 Jan 2021 21:20

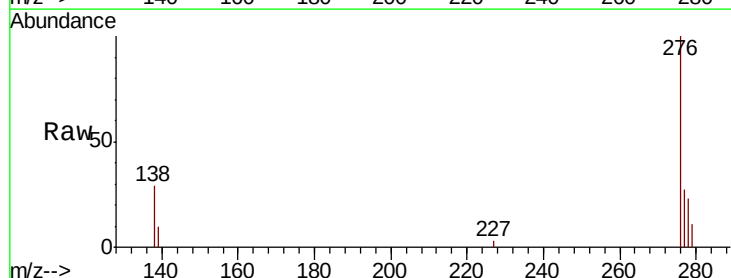
Tgt Ion:276 Resp: 8729

Ion Ratio Lower Upper

276 100

138 24.3 0.0 0.0#

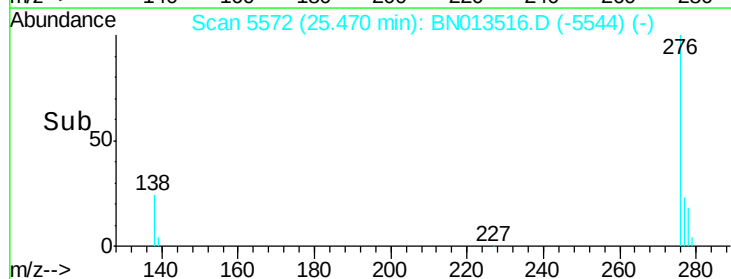
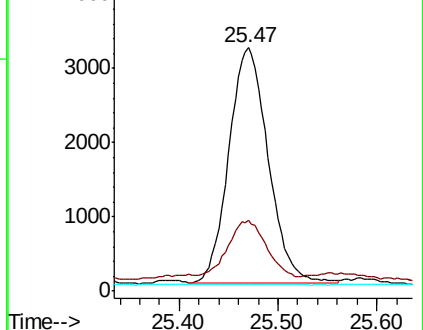
227 0.1 0.0 0.0#

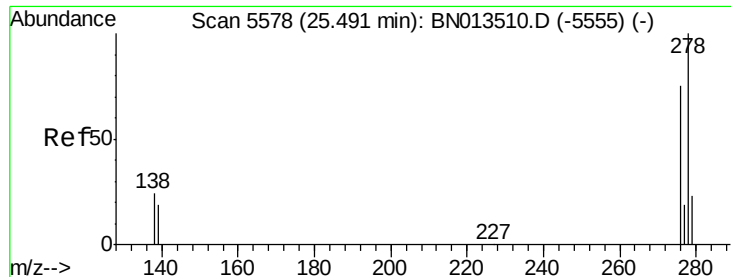


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

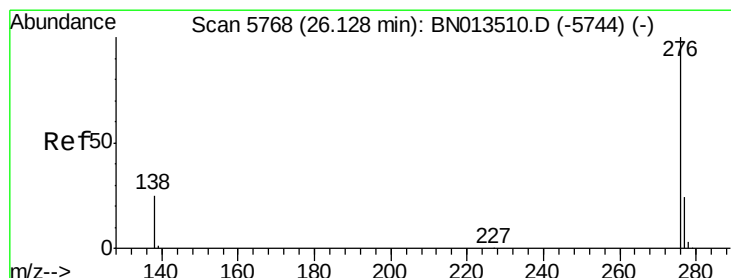
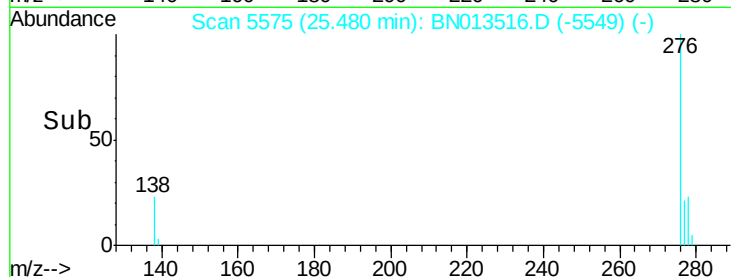
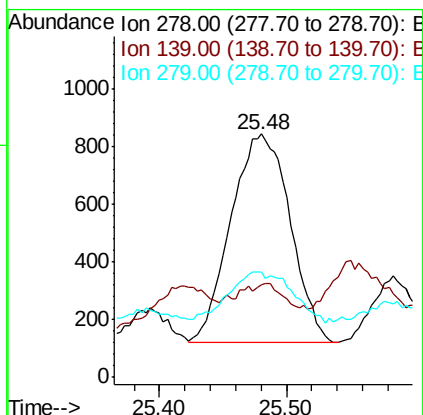
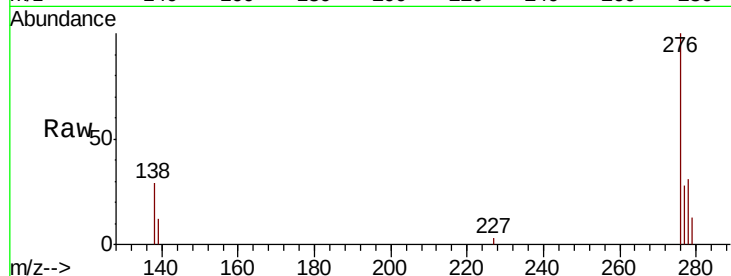




#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.48 min Scan# 5575
Delta R.T. -0.01 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Instrument :
BNA_N
ClientSampled :
F1C01

Tot Ion:278 Resp: 2338
Ion Ratio Lower Upper
278 100
139 38.2 16.5 24.7#
279 43.5 20.4 30.6#



#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.13 min Scan# 5768
Delta R.T. -0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:276 Resp: 8705
Ion Ratio Lower Upper
276 100
138 28.4 21.0 31.4
277 25.7 19.5 29.3

