

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013517.D
 Acq On : 27 Jan 2021 21:55
 Operator : CG/JU
 Sample : M1099-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C05

Quant Time: Jan 27 23:45:37 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

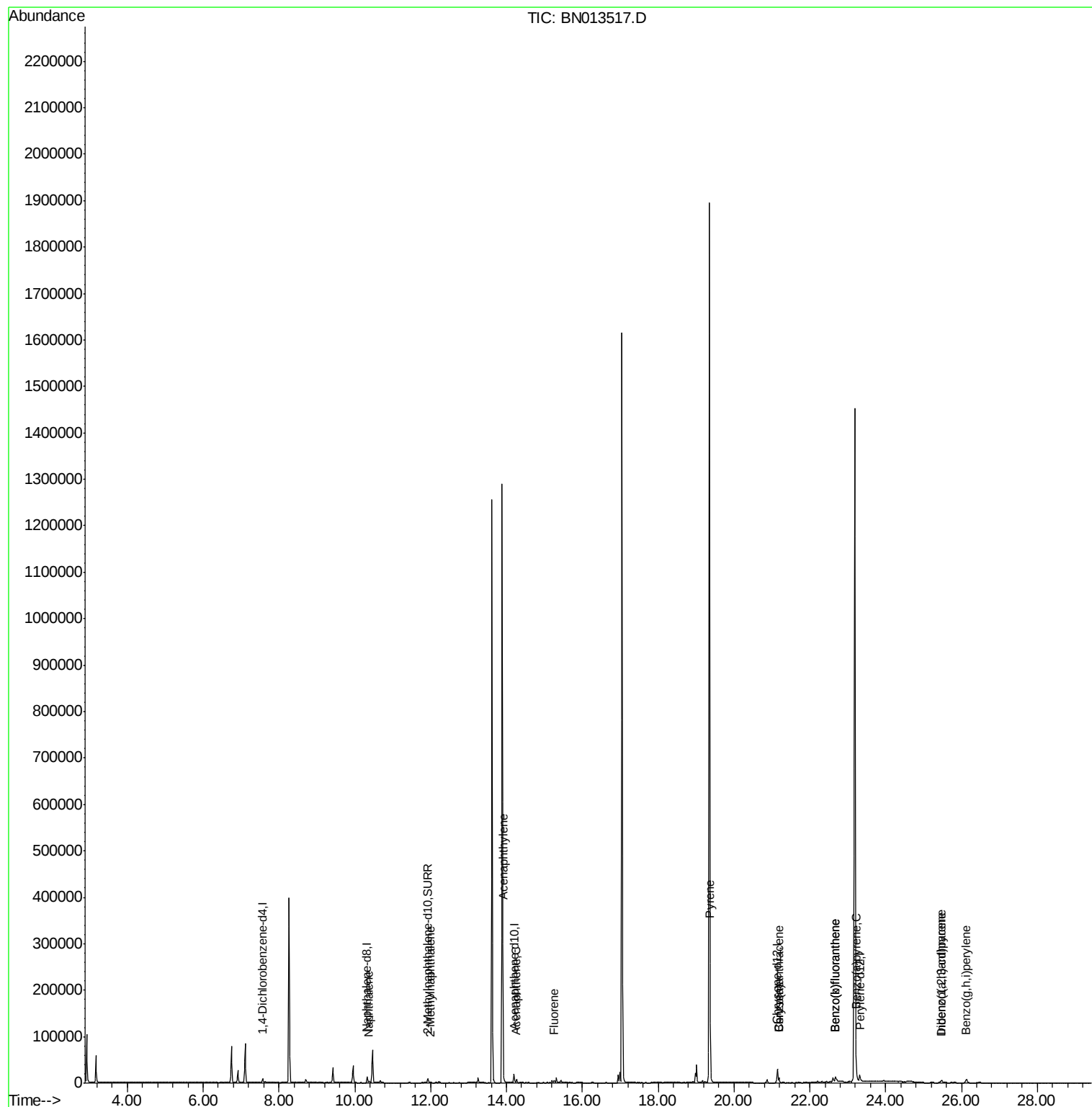
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4346	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16719	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9885	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	19018	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18496	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11344	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	23946	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	4374	0.090	ng/ul#	93
5) 2-Methylnaphthalene	12.00	142	1298	0.042	ng/ul	96
7) Acenaphthylene	13.92	152	14823	0.364	ng/ul	99
8) Acenaphthene	14.26	153	4104	0.113	ng/ul	99
9) Fluorene	15.25	166	3561	0.089	ng/ul#	97
17) Pyrene	19.38	202	63451	0.815	ng/ul	99
18) Benzo(a)anthracene	21.18	228	10684	0.170	ng/ul	93
19) Chrysene	21.18	228	11028	0.141	ng/ul	96
21) Benzo(b)fluoranthene	22.67	252	22573	0.291	ng/ul	87
22) Benzo(k)fluoranthene	22.67	252	22573	0.273	ng/ul#	89
23) Benzo(a)pyrene	23.22	252	11697	0.178	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.47	276	9031	0.103	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	1941	0.027	ng/ul#	58
26) Benzo(g,h,i)perylene	26.13	276	13675	0.177	ng/ul	99

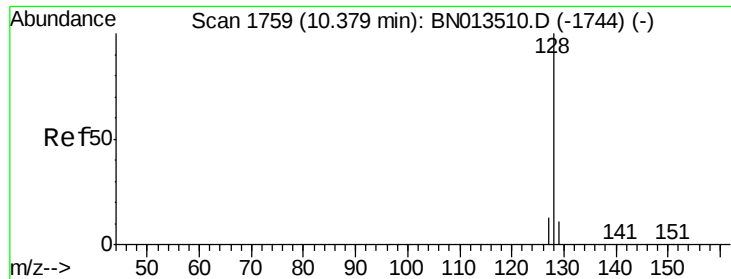
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
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ALS Vial : 19 Sample Multiplier: 1

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BNA_N
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QLast Update : Wed Jan 27 23:35:53 2021
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#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampled :

F1C05

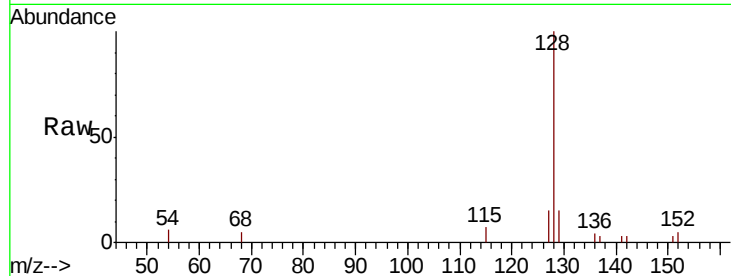
Tot Ion:128 Resp: 4374

Ion Ratio Lower Upper

128 100

129 14.5 9.0 13.6#

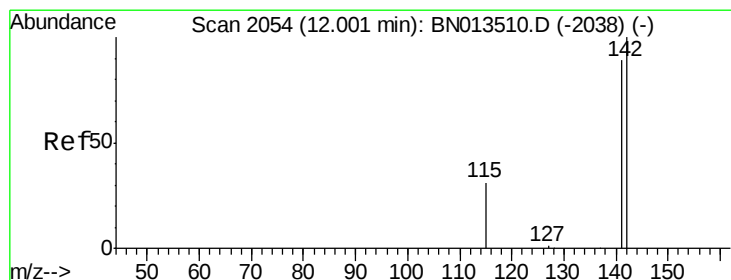
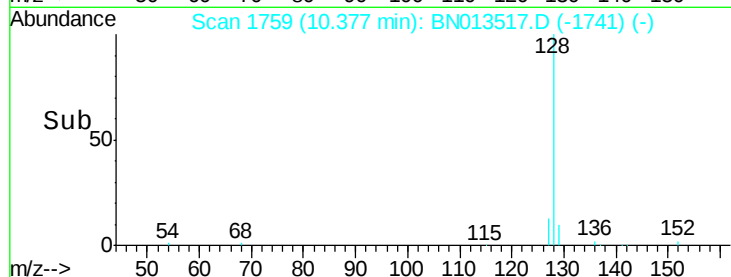
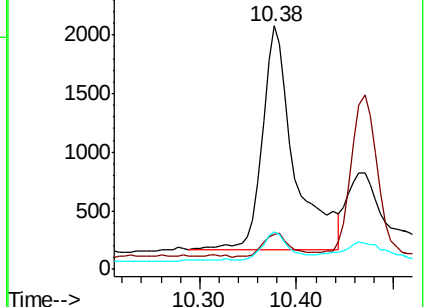
127 15.5 10.6 15.8



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: 0.042 ng/ul

RT: 12.00 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BN013517.D

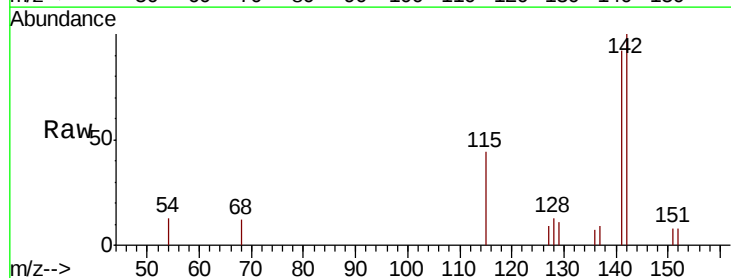
Acq: 27 Jan 2021 21:55

Tgt Ion:142 Resp: 1298

Ion Ratio Lower Upper

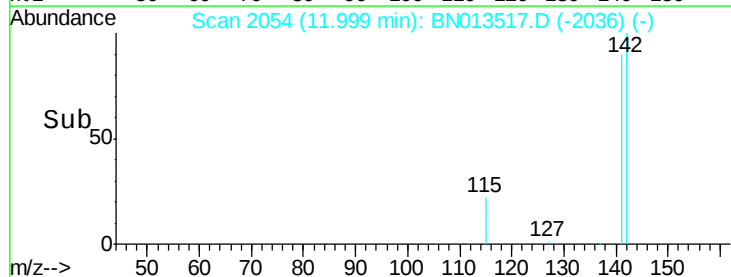
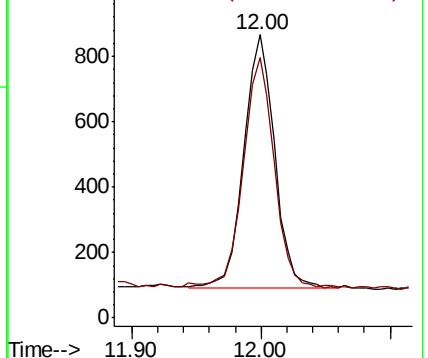
142 100

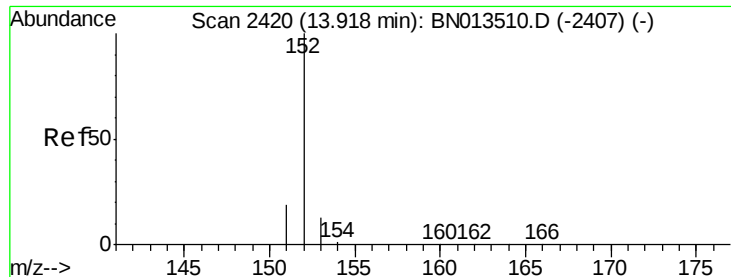
141 91.8 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampleId :

F1C05

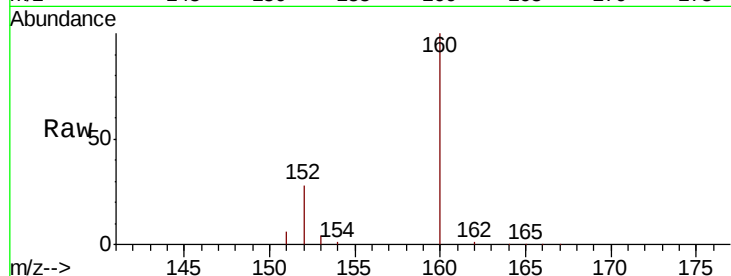
Tot Ion:152 Resp: 14823

Ion Ratio Lower Upper

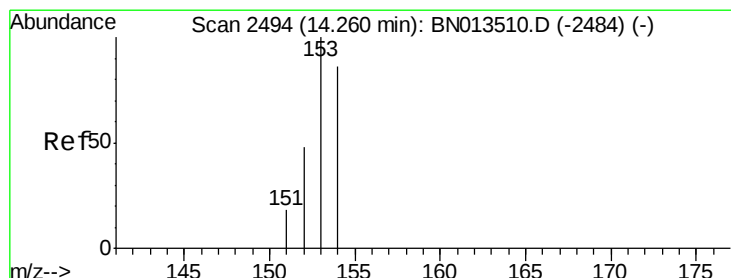
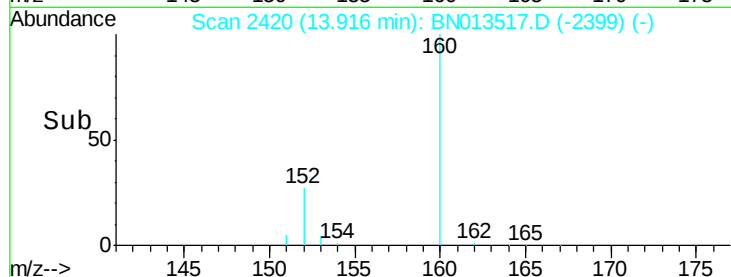
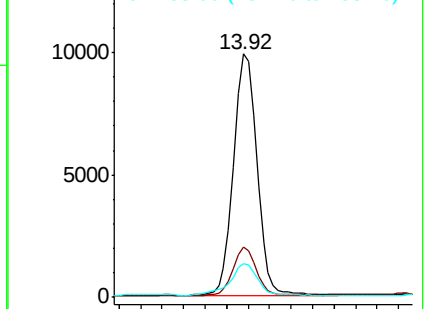
152 100

151 20.7 16.1 24.1

153 14.0 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: 0.113 ng/ul

RT: 14.26 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

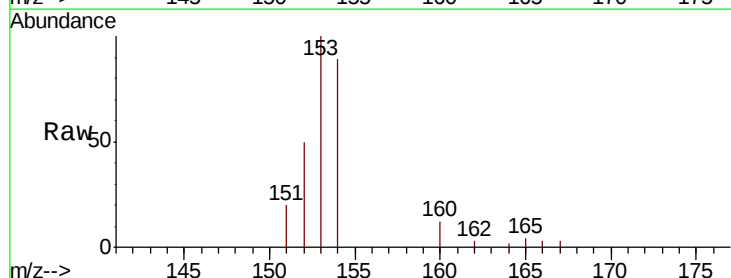
Tgt Ion:153 Resp: 4104

Ion Ratio Lower Upper

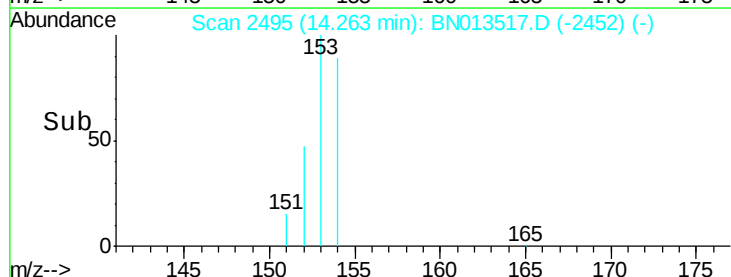
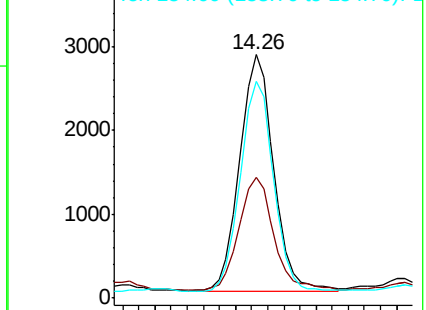
153 100

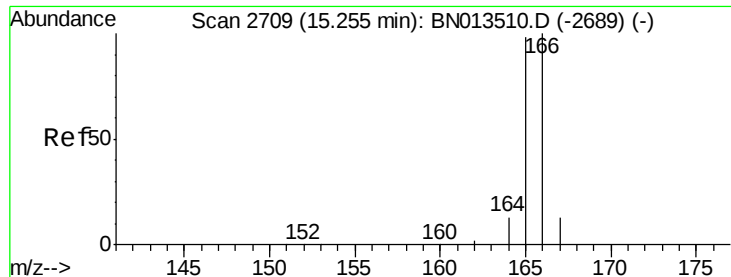
152 49.8 39.5 59.3

154 88.8 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

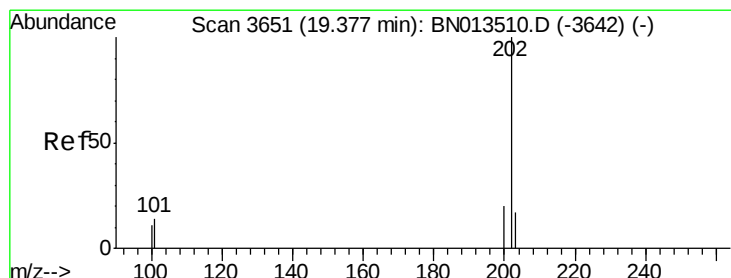
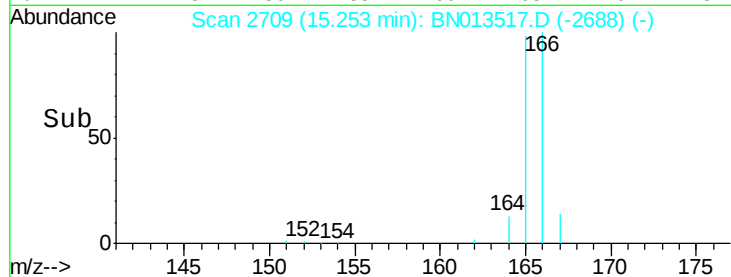
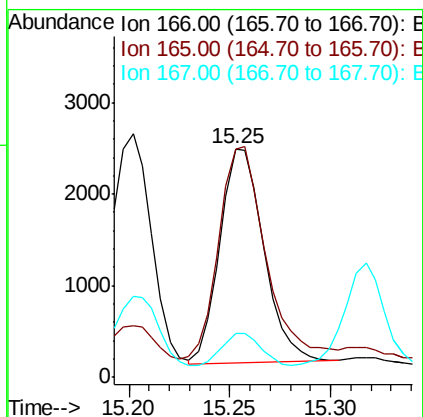
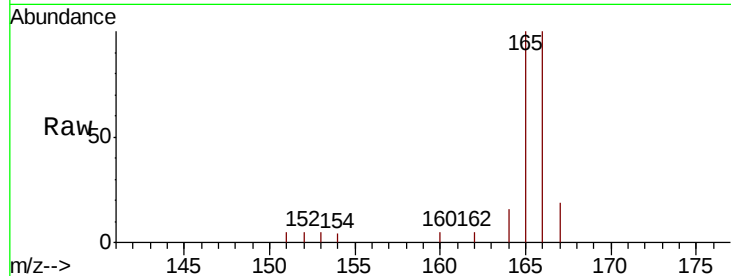




#9
Fluorene
 Concen: 0.089 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BN013517.D
 Acq: 27 Jan 2021 21:55

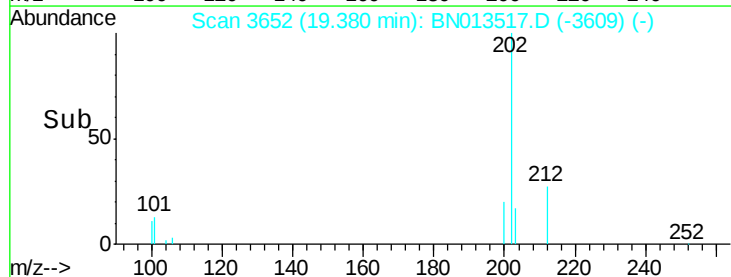
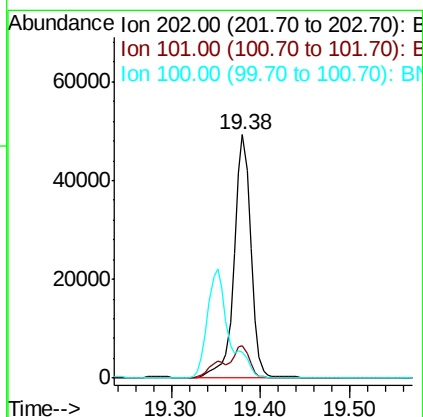
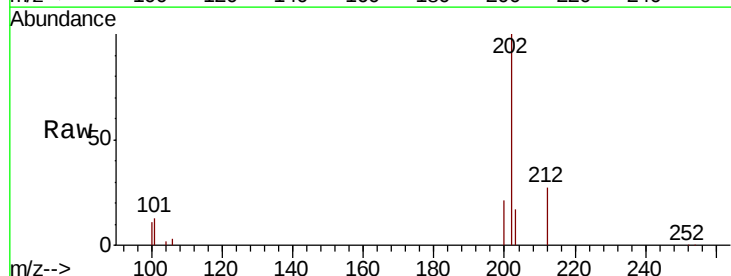
Instrument :
 BNA_N
 ClientSampleId :
 F1C05

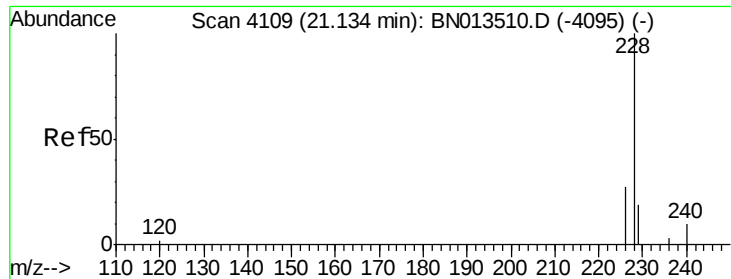
Tot Ion:166 Resp: 3561
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.7 118.1
 167 18.9 11.3 16.9#



#17
Pyrene
 Concen: 0.815 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. -0.00 min
 Lab File: BN013517.D
 Acq: 27 Jan 2021 21:55

Tgt Ion:202 Resp: 63451
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.2 16.8
 100 10.9 9.0 13.4





#18

Benzo(a)anthracene

Concen: 0.170 ng/ul

RT: 21.18 min Scan# 4127

Delta R.T. 0.05 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampleId :

F1C05

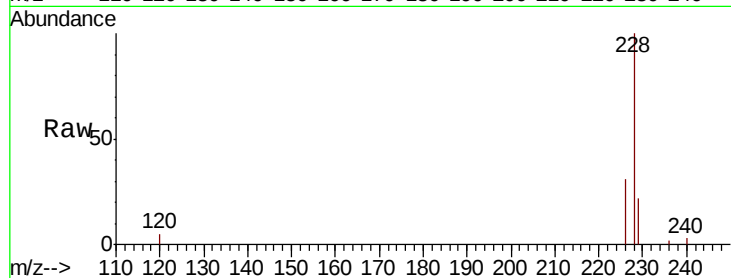
Tot Ion:228 Resp: 10684

Ion Ratio Lower Upper

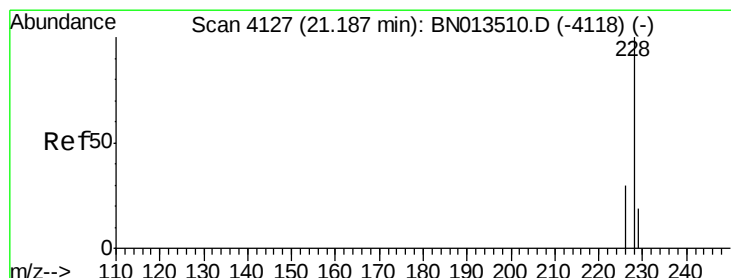
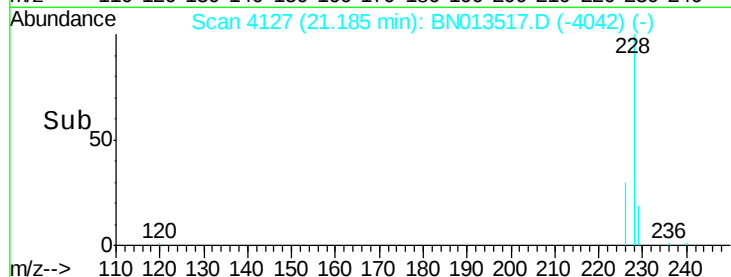
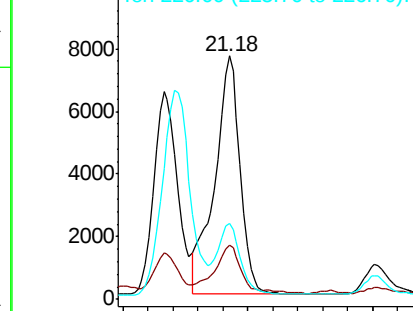
228 100

229 22.4 15.6 23.4

226 31.4 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: 0.141 ng/ul

RT: 21.18 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

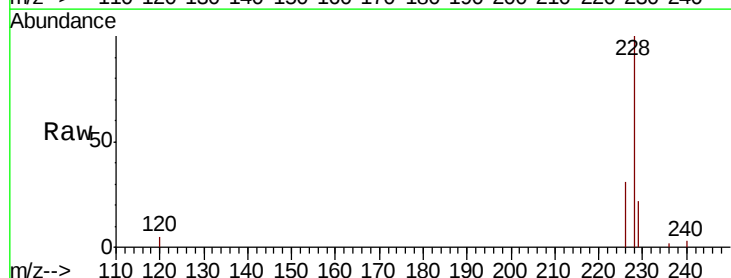
Tgt Ion:228 Resp: 11028

Ion Ratio Lower Upper

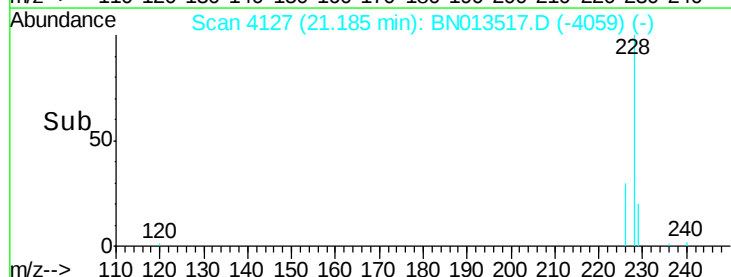
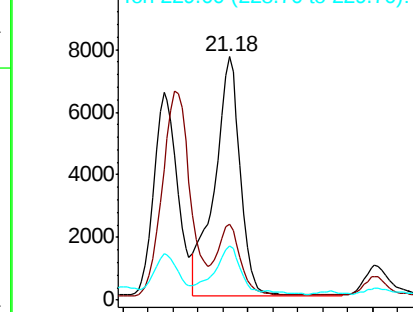
228 100

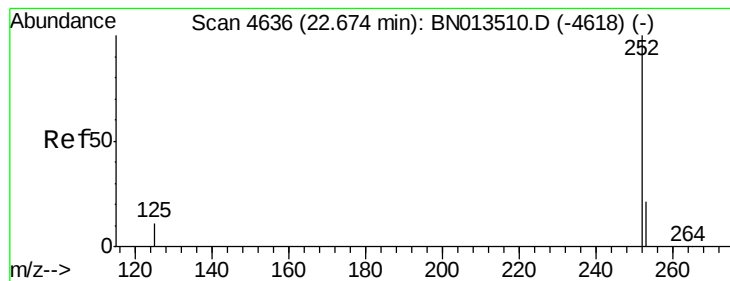
226 31.4 24.0 36.0

229 22.4 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: 0.291 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampleId :

F1C05

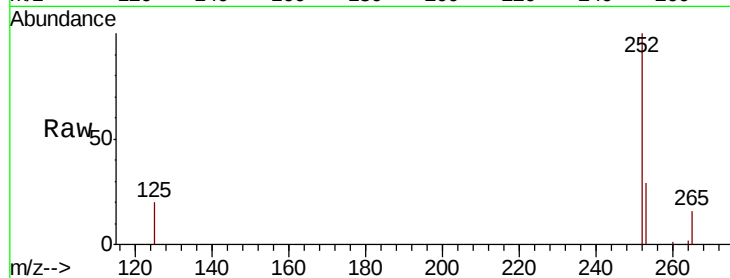
Tot Ion:252 Resp: 22573

Ion Ratio Lower Upper

252 100

253 28.8 0.0 47.4

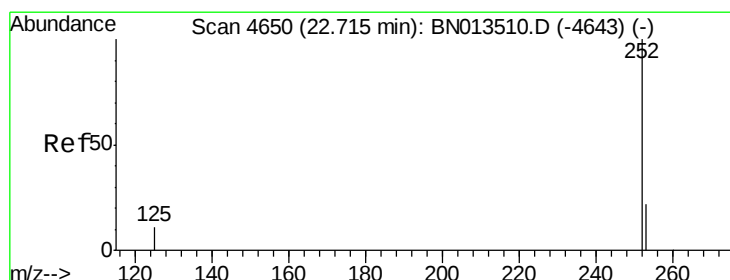
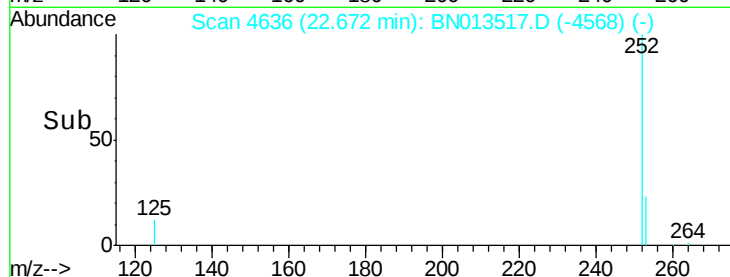
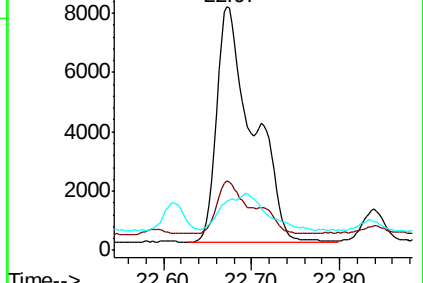
125 20.0 0.0 26.8



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: 0.273 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. -0.04 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

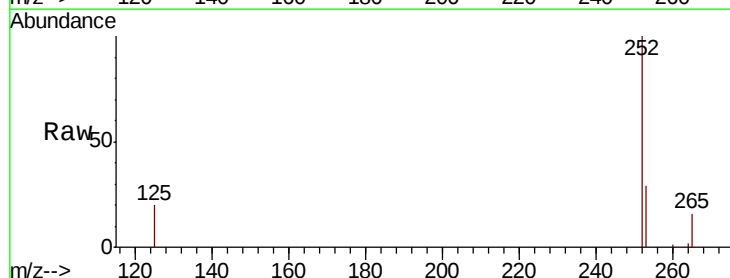
Tgt Ion:252 Resp: 22573

Ion Ratio Lower Upper

252 100

253 28.8 19.2 28.8

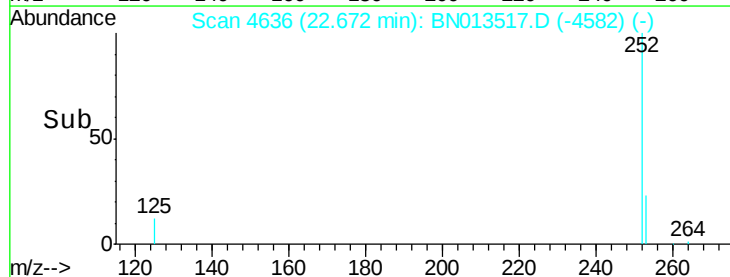
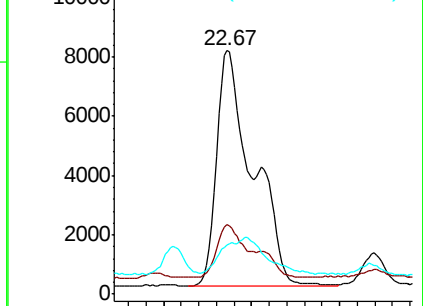
125 20.0 11.4 17.2#

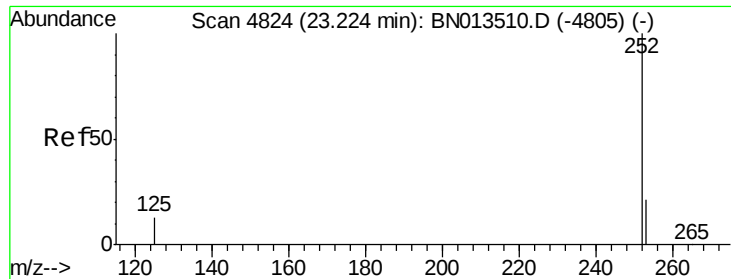


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.178 ng/ul

RT: 23.22 min Scan# 4825

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampleId :

F1C05

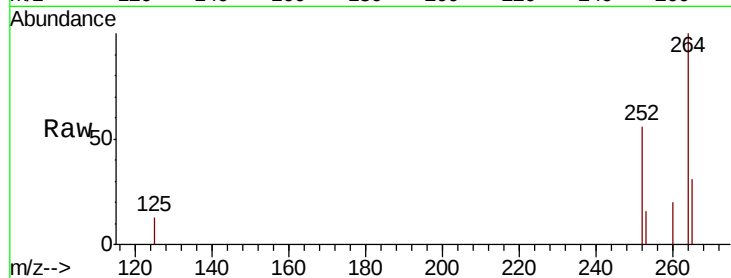
Tot Ion:252 Resp: 11697

Ion Ratio Lower Upper

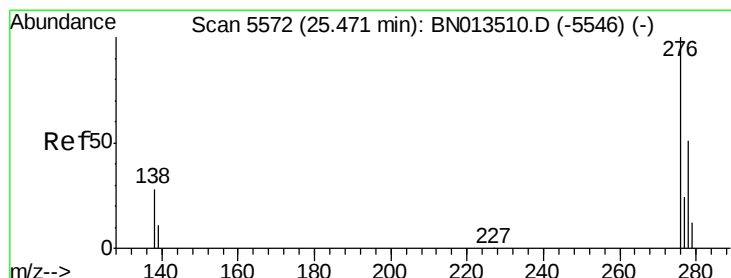
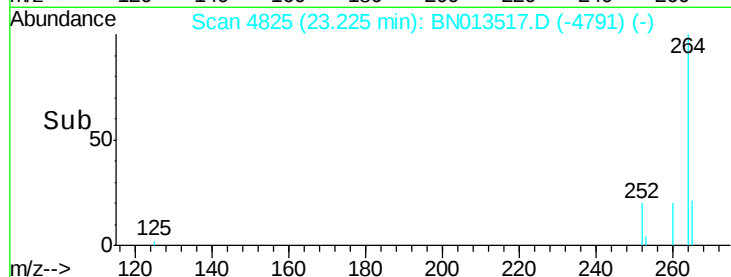
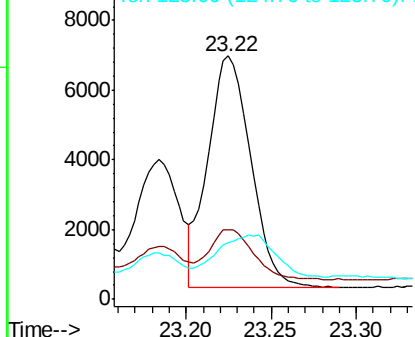
252 100

253 28.4 20.1 30.1

125 23.3 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: 0.103 ng/ul

RT: 25.47 min Scan# 5573

Delta R.T. -0.01 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

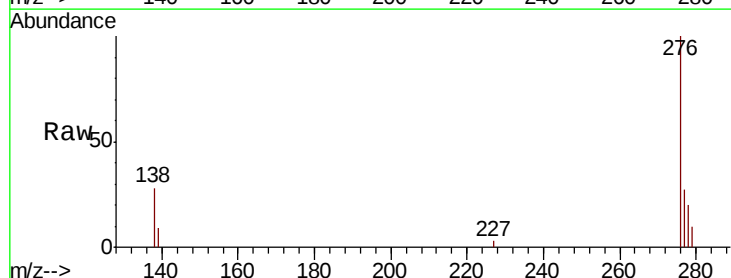
Tgt Ion:276 Resp: 9031

Ion Ratio Lower Upper

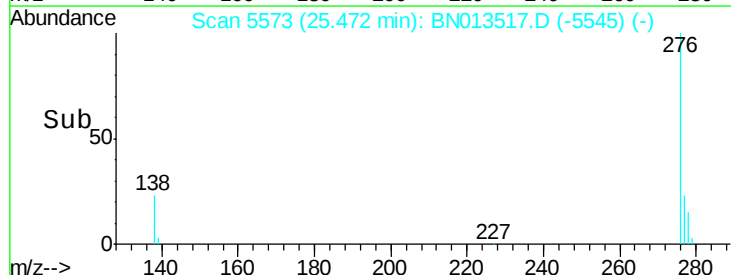
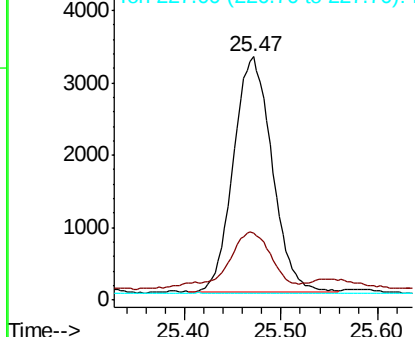
276 100

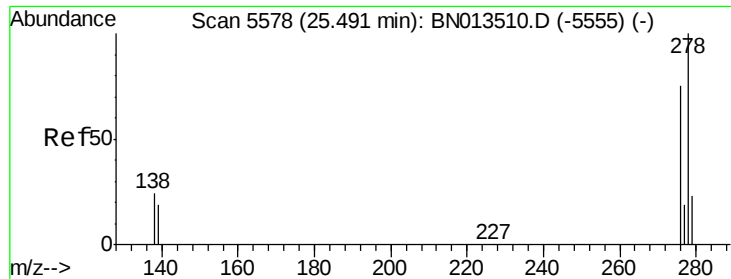
138 25.4 0.0 0.0#

227 0.0 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: 0.027 ng/ul

RT: 25.48 min Scan# 5576

Delta R.T. -0.01 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

Instrument :

BNA_N

ClientSampleId :

F1C05

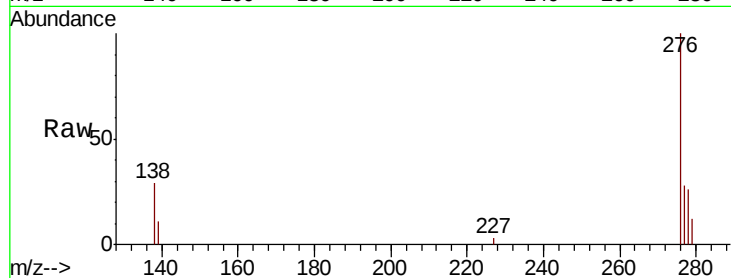
Tot Ion:278 Resp: 1941

Ion Ratio Lower Upper

278 100

139 41.1 16.5 24.7#

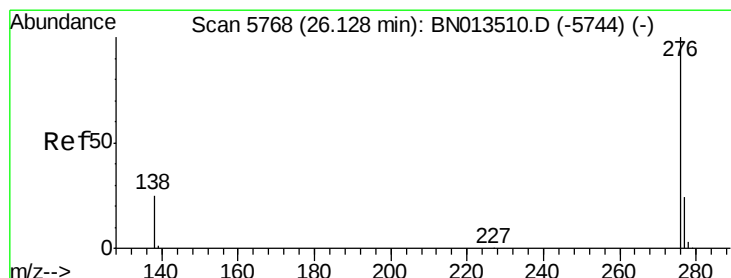
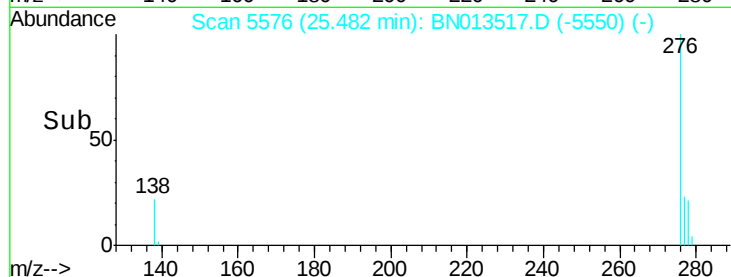
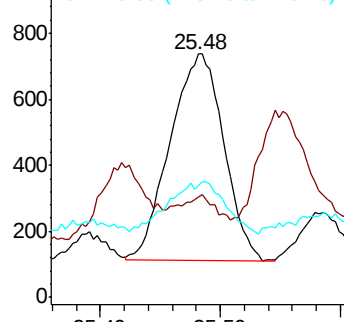
279 45.8 20.4 30.6#



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: 0.177 ng/ul

RT: 26.13 min Scan# 5769

Delta R.T. -0.00 min

Lab File: BN013517.D

Acq: 27 Jan 2021 21:55

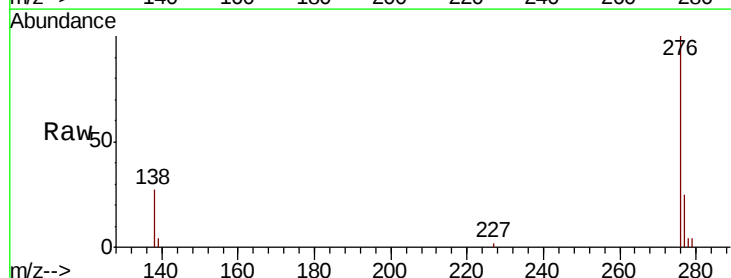
Tgt Ion:276 Resp: 13675

Ion Ratio Lower Upper

276 100

138 26.9 21.0 31.4

277 25.1 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

