

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013512.D
 Acq On : 27 Jan 2021 18:57
 Operator : CG/JU
 Sample : M1099-16DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C12DL

Quant Time: Jan 27 23:44:51 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

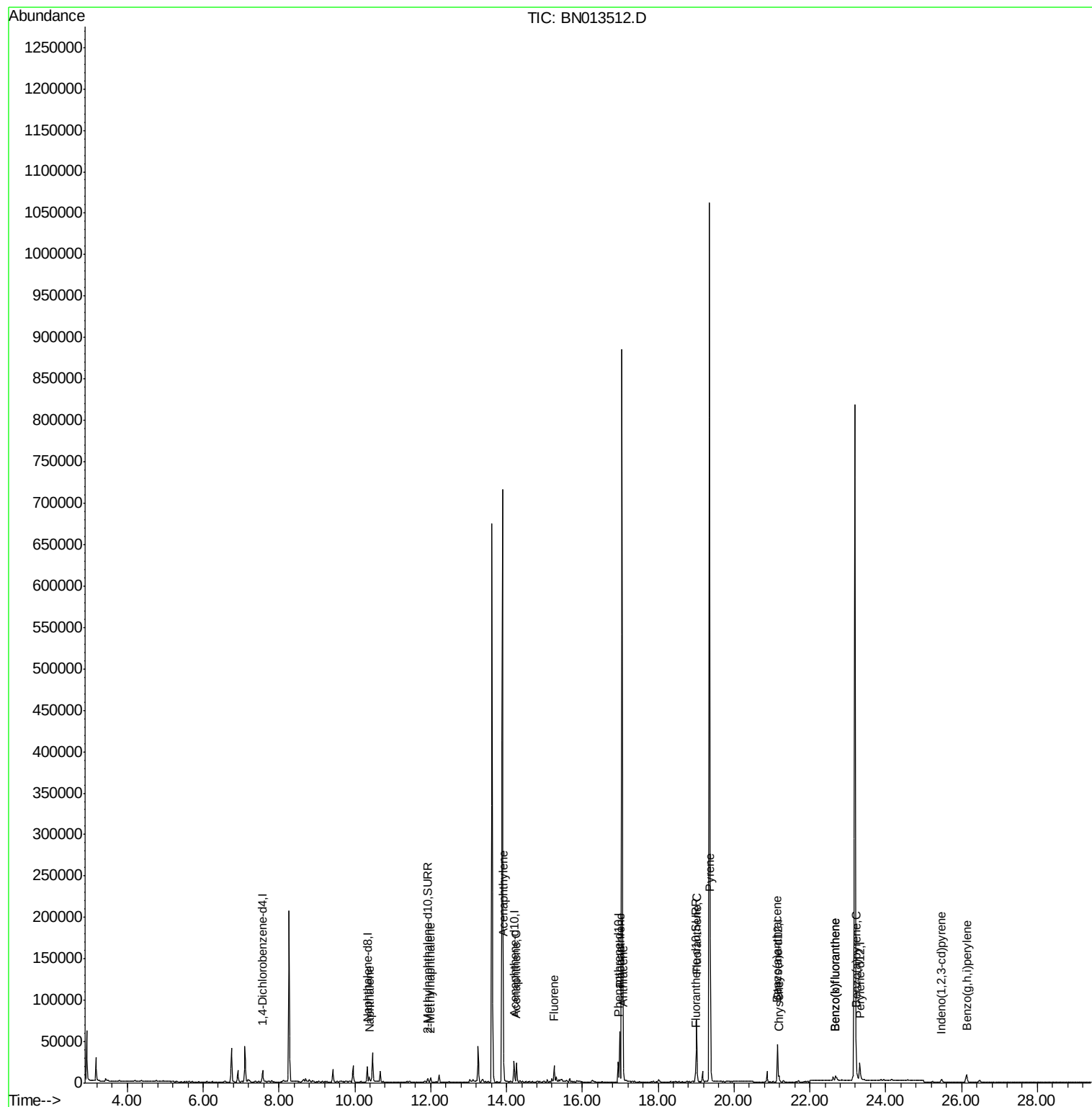
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6187	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	23673	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	13402	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	28660	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	26750	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	25460	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5921	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	12950	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	12147	0.177	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	4023	0.093	ng/ul	100
7) Acenaphthylene	13.92	152	37475	0.679	ng/ul	99
8) Acenaphthene	14.26	153	13208	0.269	ng/ul	98
9) Fluorene	15.25	166	13149	0.242	ng/ul	98
12) Phenanthrene	16.99	178	65217	0.695	ng/ul	99
13) Anthracene	17.08	178	12631	0.164	ng/ul	97
15) Fluoranthene	19.01	202	62322	0.608	ng/ul	99
17) Pyrene	19.38	202	126161	1.152	ng/ul	97
18) Benzo(a)anthracene	21.14	228	5630	0.064	ng/ul#	1
19) Chrysene	21.19	228	8155	0.074	ng/ul#	88
21) Benzo(b)fluoranthene	22.67	252	10052	0.094	ng/ul#	63
22) Benzo(k)fluoranthene	22.67	252	10052	0.088	ng/ul#	64
23) Benzo(a)pyrene	23.23	252	7785	0.086	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.47	276	6669	0.055	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	17806	0.167	ng/ul	98

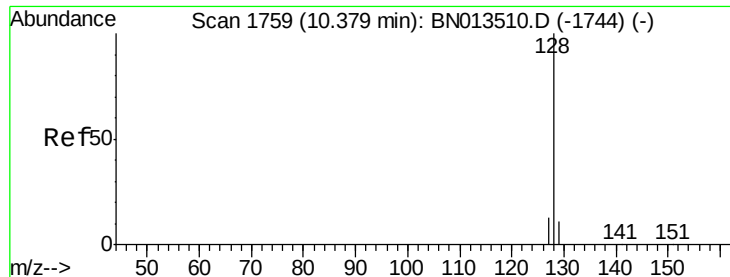
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 27 23:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.177 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

ClientSampleId :

F1C12DL

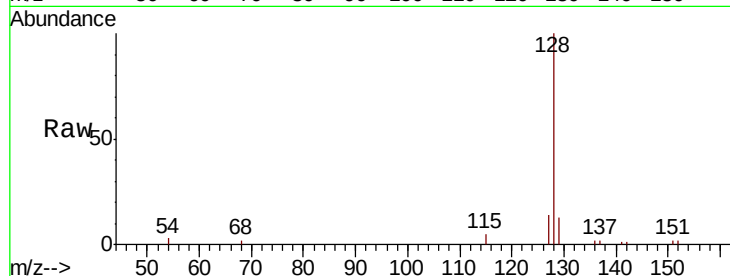
Tot Ion:128 Resp: 12147

Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.6

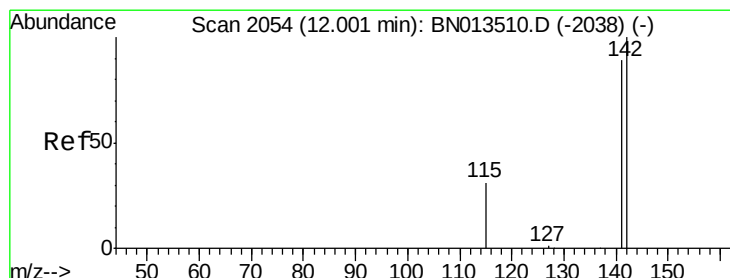
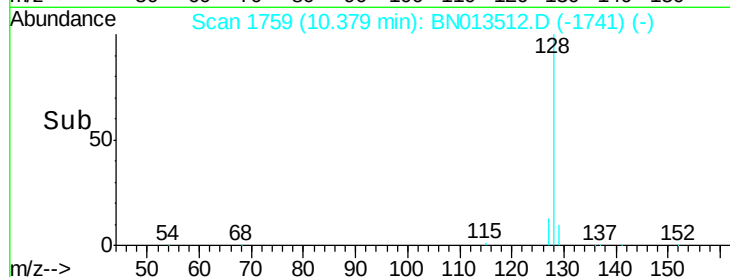
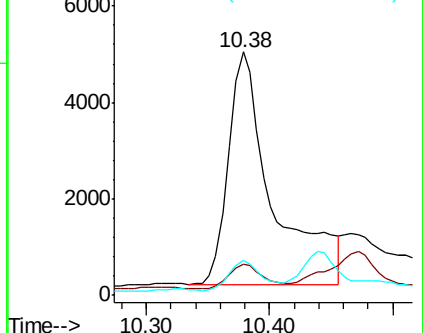
127 14.4 10.6 15.8



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: 0.093 ng/ul

RT: 12.00 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN013512.D

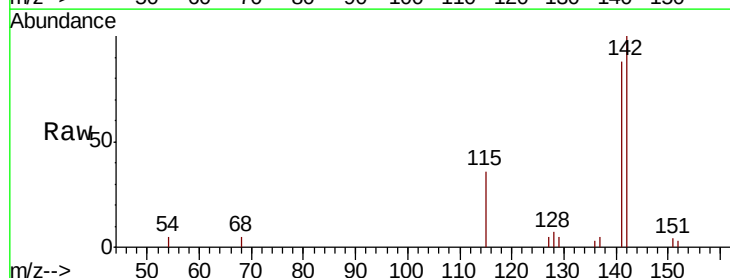
Acq: 27 Jan 2021 18:57

Tgt Ion:142 Resp: 4023

Ion Ratio Lower Upper

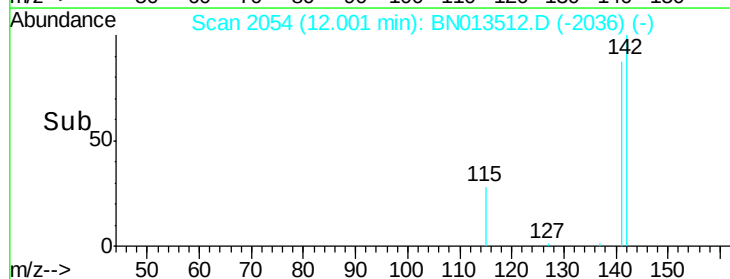
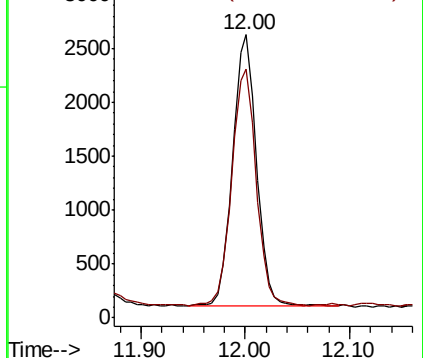
142 100

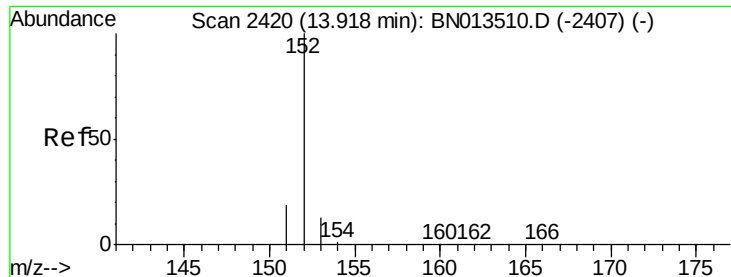
141 88.4 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.679 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

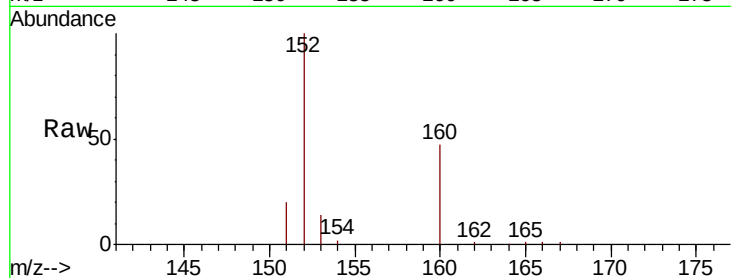
BNA_N

ClientSampleId :

F1C12DL

Tot Ion:152 Resp: 37475

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.8	10.7	16.1

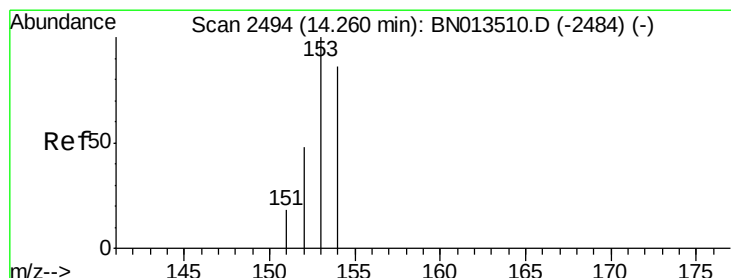
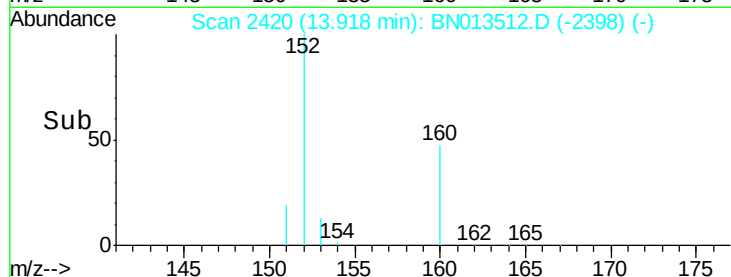
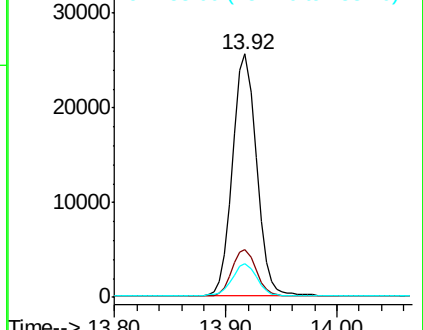


Abundance

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: 0.269 ng/ul

RT: 14.26 min Scan# 2495

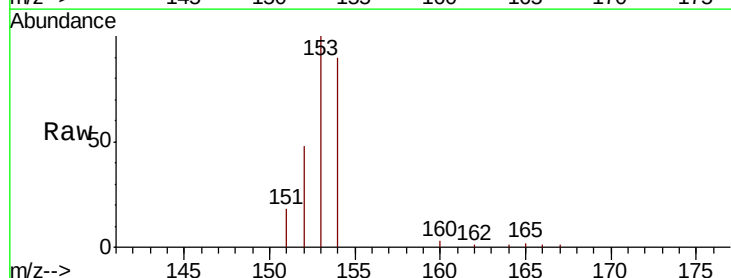
Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Tgt Ion:153 Resp: 13208

Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.5	59.3
154	90.0	70.6	105.8

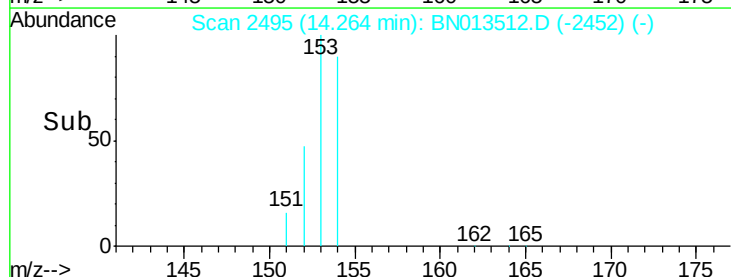
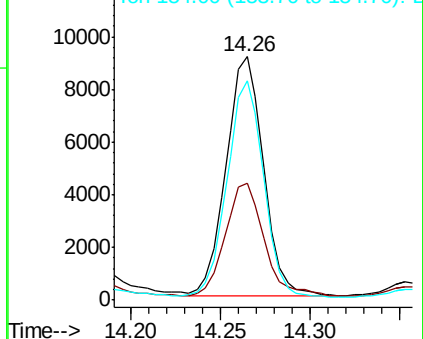


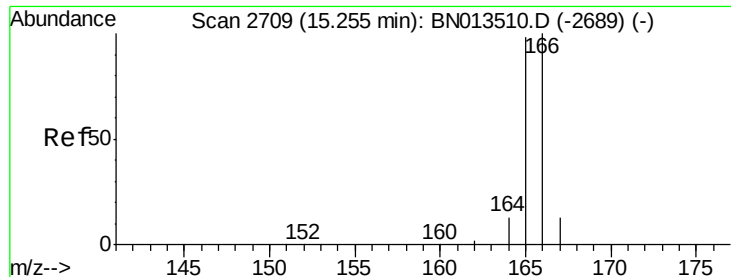
Abundance

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: 0.242 ng/ul

RT: 15.25 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

ClientSampleId :

F1C12DL

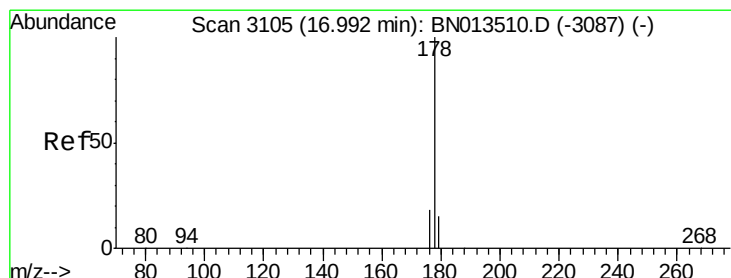
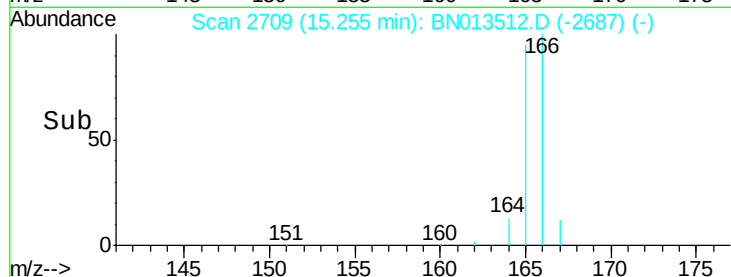
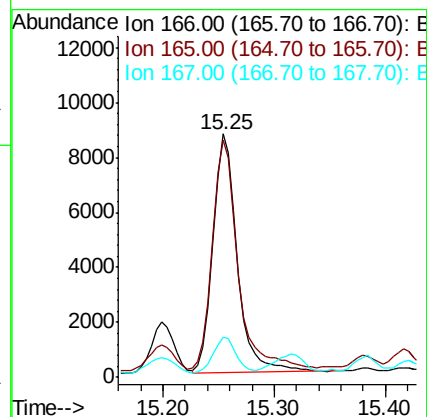
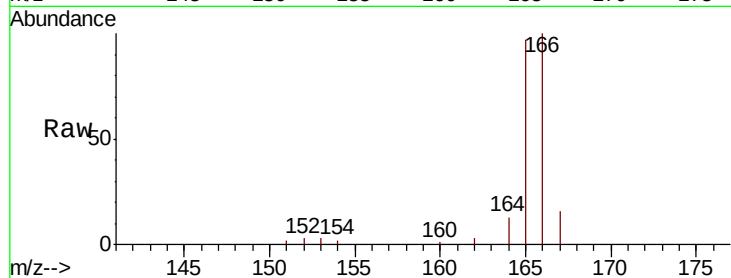
Tot Ion:166 Resp: 13149

Ion Ratio Lower Upper

166 100

165 97.3 78.7 118.1

167 16.4 11.3 16.9



#12

Phenanthrene

Concen: 0.695 ng/ul

RT: 16.99 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

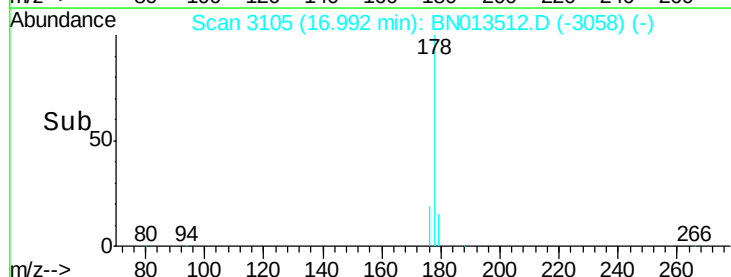
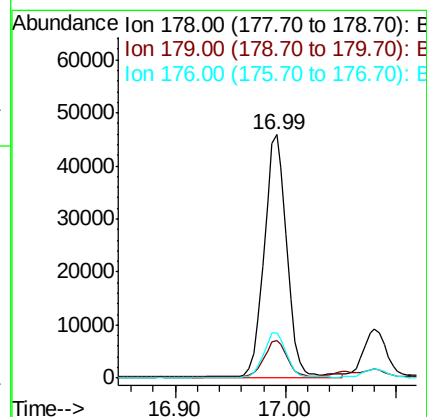
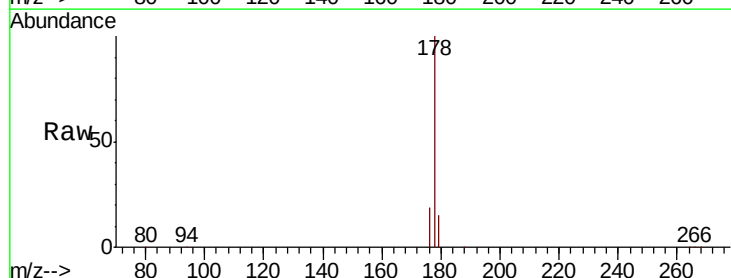
Tgt Ion:178 Resp: 65217

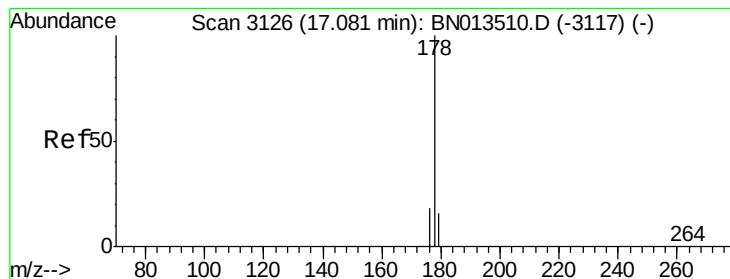
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.8 15.6 23.4





#13

Anthracene

Concen: 0.164 ng/ul

RT: 17.08 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

ClientSampleId :

F1C12DL

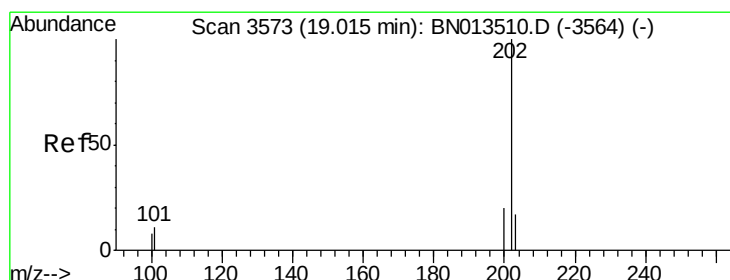
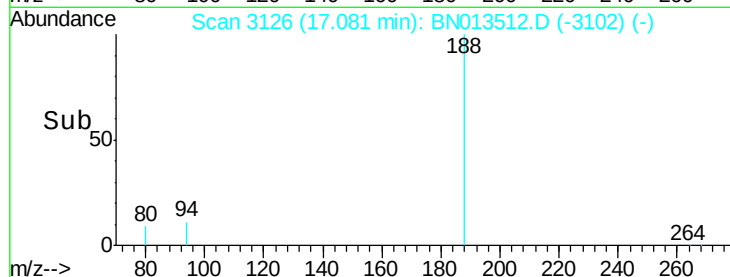
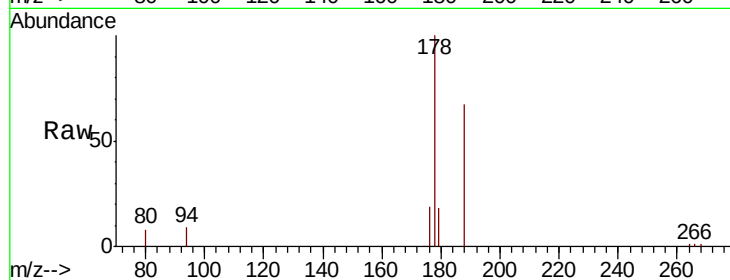
Tot Ion:178 Resp: 12631

Ion Ratio Lower Upper

178 100

179 17.8 12.6 19.0

176 19.0 15.0 22.4



#15

Fluoranthene

Concen: 0.608 ng/ul

RT: 19.01 min Scan# 3573

Delta R.T. -0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

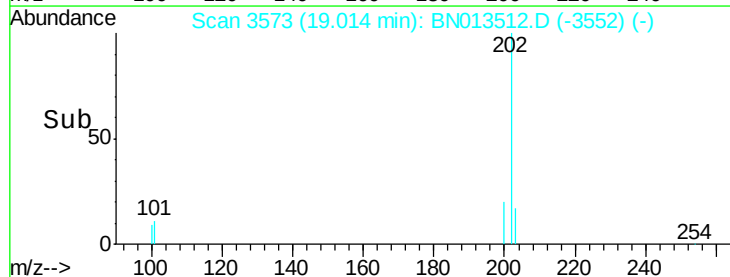
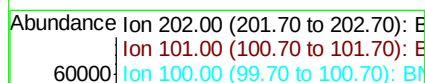
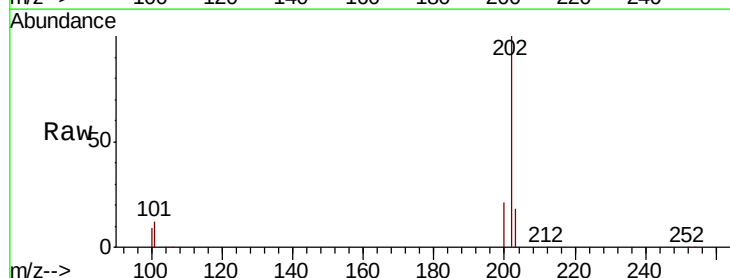
Tgt Ion:202 Resp: 62322

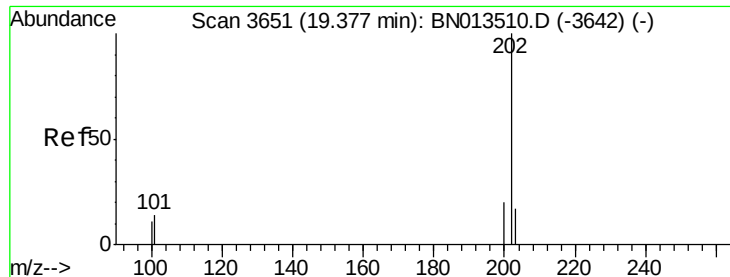
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.6

100 8.9 0.0 28.5

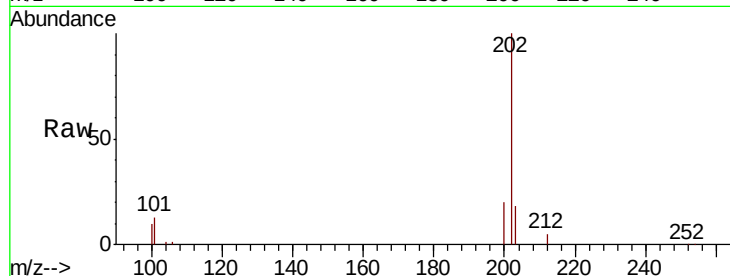




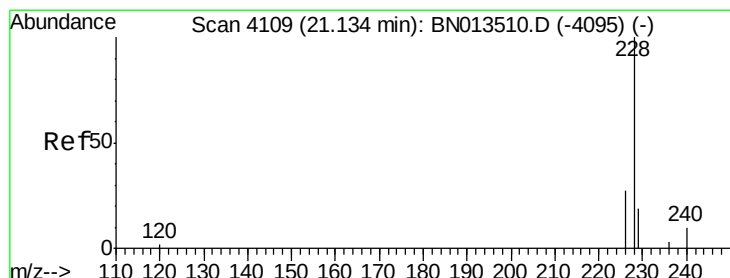
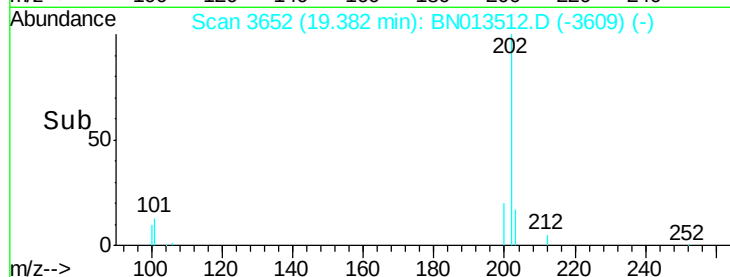
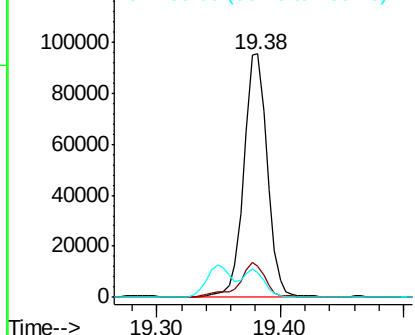
#17
Pvrene
Concen: 1.152 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Instrument :
BNA_N
ClientSampleId :
F1C12DL

Tot Ion:202 Resp: 126161
Ion Ratio Lower Upper
202 100
101 12.6 11.2 16.8
100 10.2 9.0 13.4

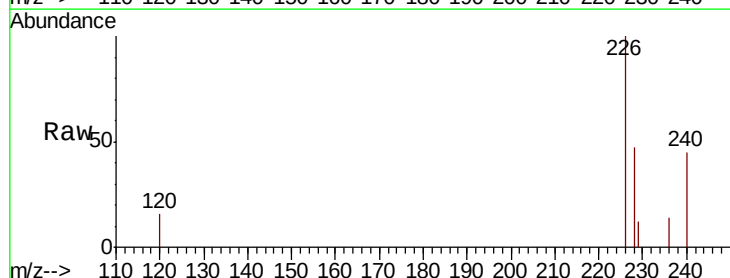


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

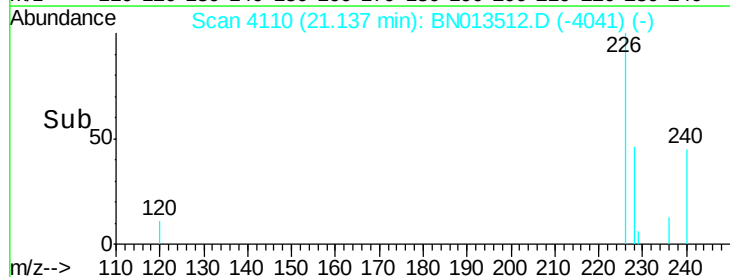
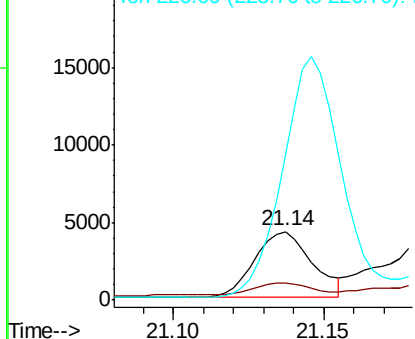


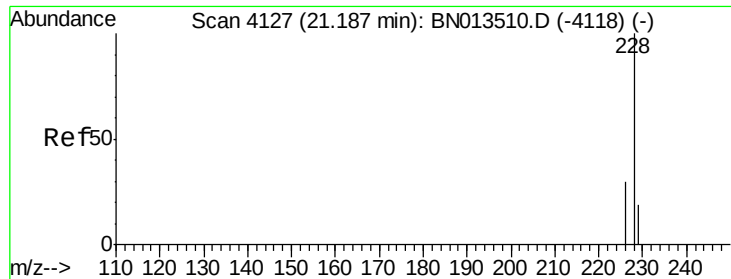
#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. 0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Tgt Ion:228 Resp: 5630
Ion Ratio Lower Upper
228 100
229 24.9 15.6 23.4#
226 214.4 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: 0.074 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

ClientSampleId :

F1C12DL

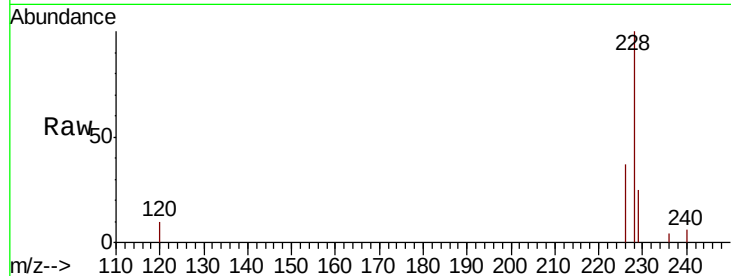
Tot Ion:228 Resp: 8155

Ion Ratio Lower Upper

228 100

226 36.7 24.0 36.0#

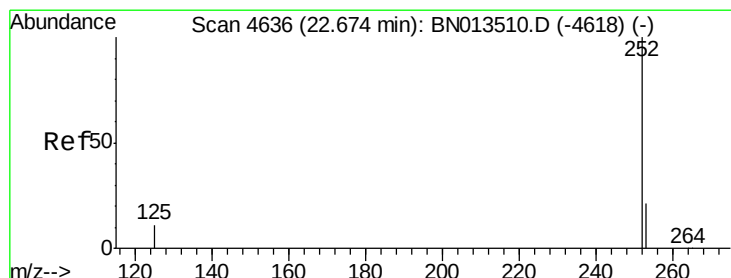
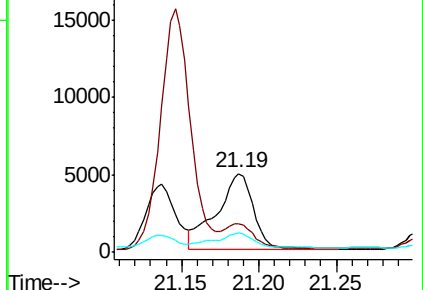
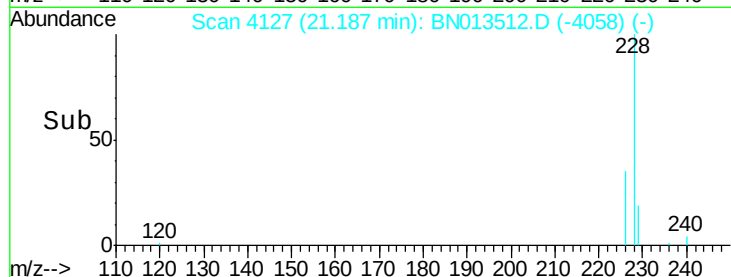
229 24.9 15.8 23.8#



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: 0.094 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

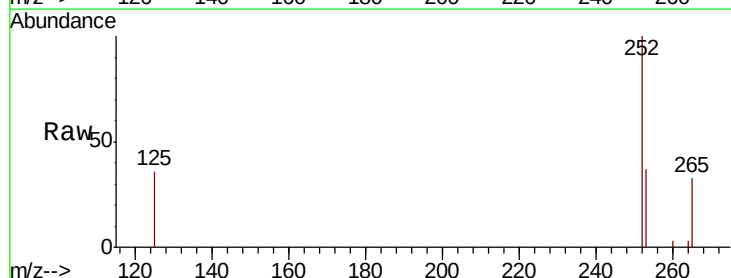
Tgt Ion:252 Resp: 10052

Ion Ratio Lower Upper

252 100

253 36.8 0.0 47.4

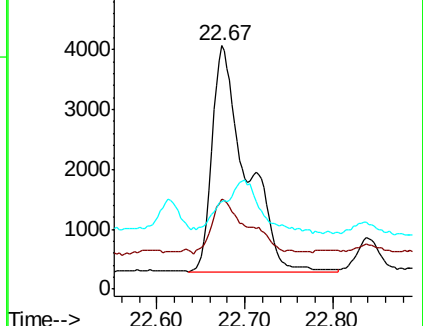
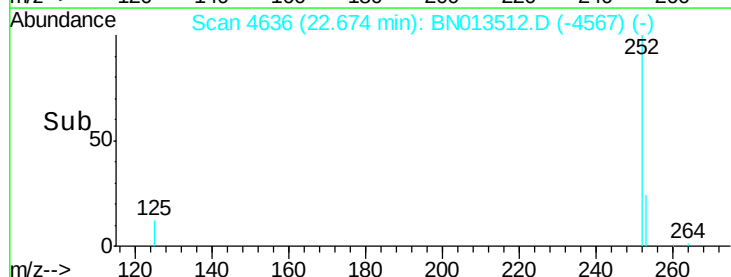
125 36.0 0.0 26.8#

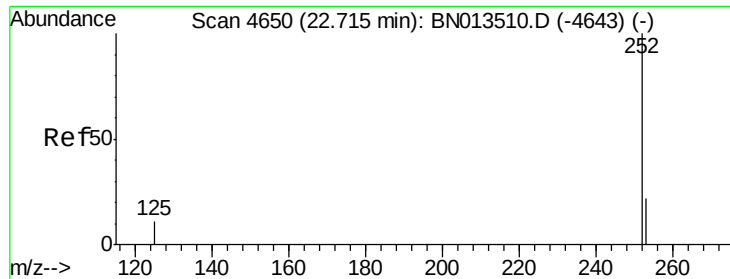


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.088 ng/ul

RT: 22.67 min Scan# 4636

Delta R.T. -0.04 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

Instrument :

BNA_N

ClientSampleId :

F1C12DL

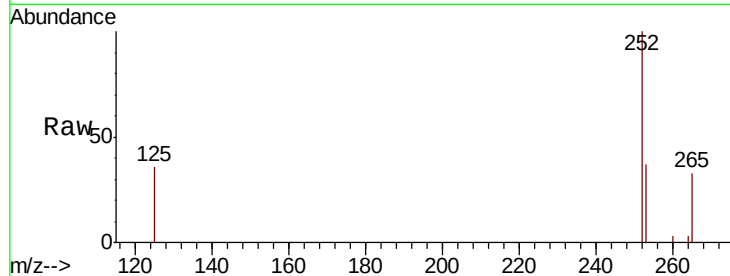
Tot Ion:252 Resp: 10052

Ion Ratio Lower Upper

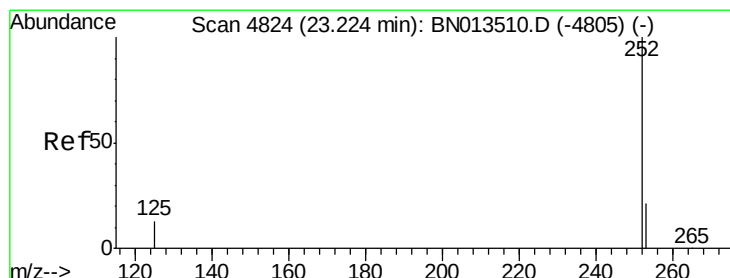
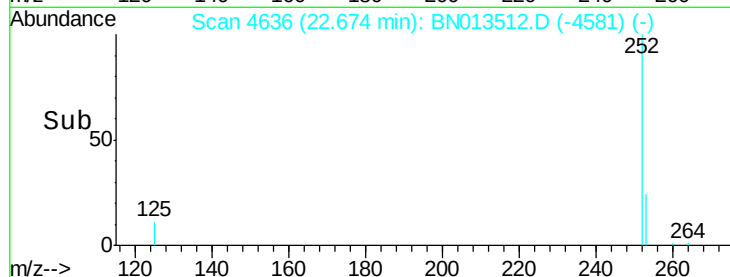
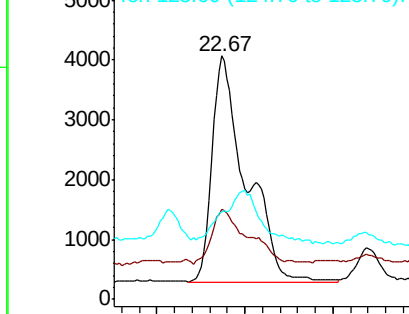
252 100

253 36.8 19.2 28.8#

125 36.0 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: 0.086 ng/ul

RT: 23.23 min Scan# 4825

Delta R.T. 0.00 min

Lab File: BN013512.D

Acq: 27 Jan 2021 18:57

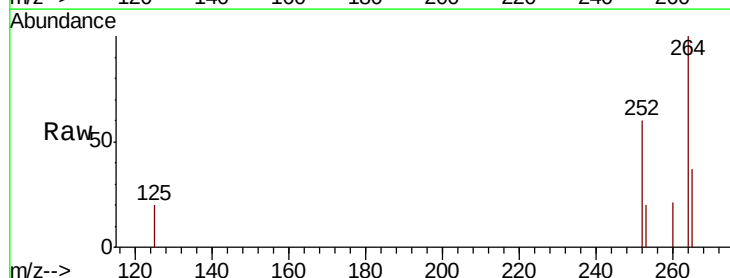
Tgt Ion:252 Resp: 7785

Ion Ratio Lower Upper

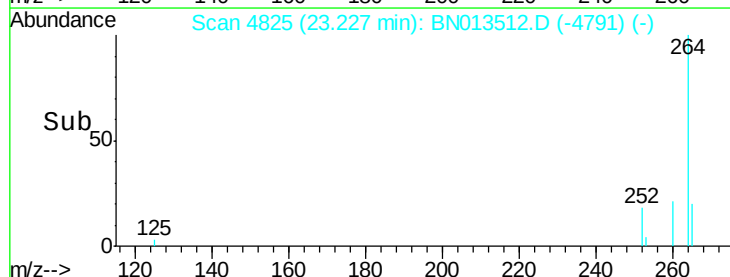
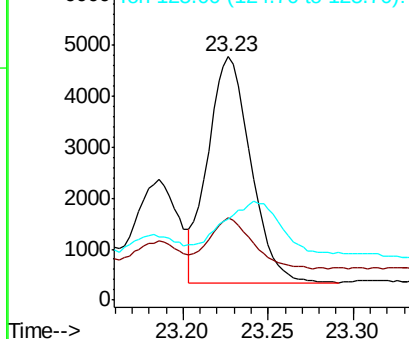
252 100

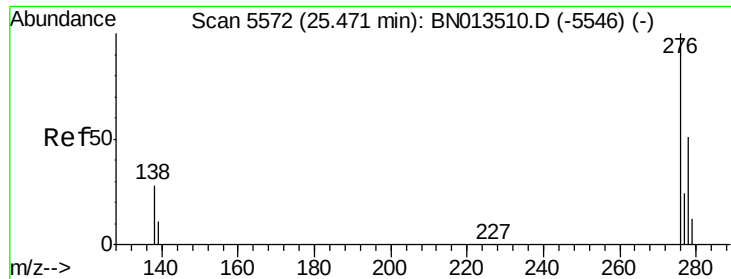
253 33.7 20.1 30.1#

125 33.4 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



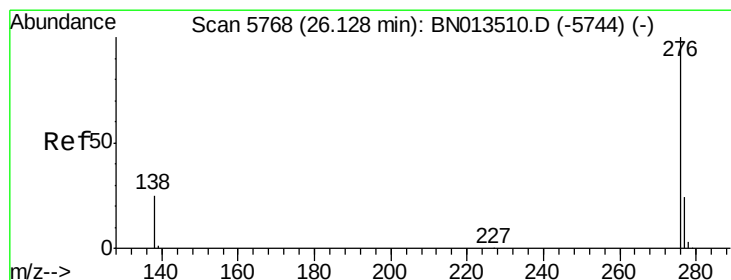
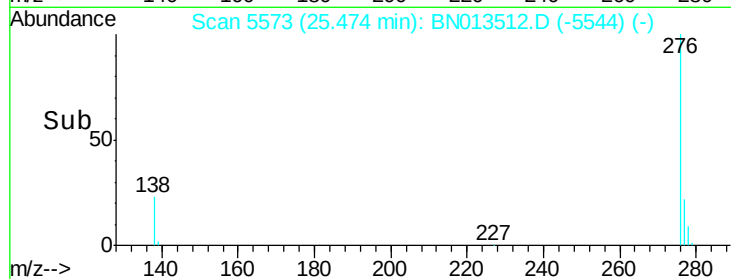
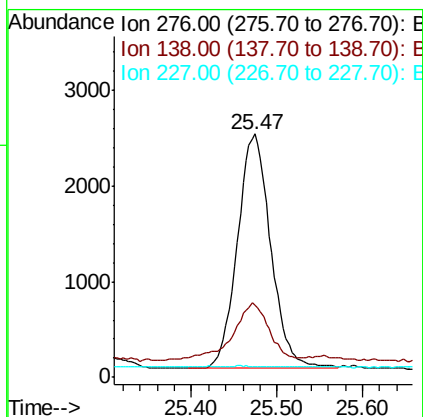
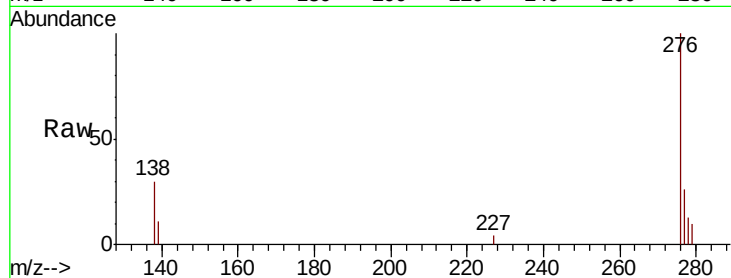


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 25.47 min Scan# 5573
Delta R.T. -0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Instrument :
BNA_N
ClientSampleId :
F1C12DL

Tot Ion:276 Resp: 6669
Ion Ratio Lower Upper
276 100
138 25.7 0.0 0.0#
227 0.2 0.0 0.0#



#26

Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 26.13 min Scan# 5769
Delta R.T. 0.00 min
Lab File: BN013512.D
Acq: 27 Jan 2021 18:57

Tgt Ion:276 Resp: 17806
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
277 24.5 19.5 29.3

