

Data File : BN009268.D
Acq On : 30 Dec 2019 20:07
Operator : JU
Sample : K6322-07DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C41DL

Quant Time: Dec 31 01:04:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2723	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	5253	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10112	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7592	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7831	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1095	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	2461	0.08	ng/ul	0.00

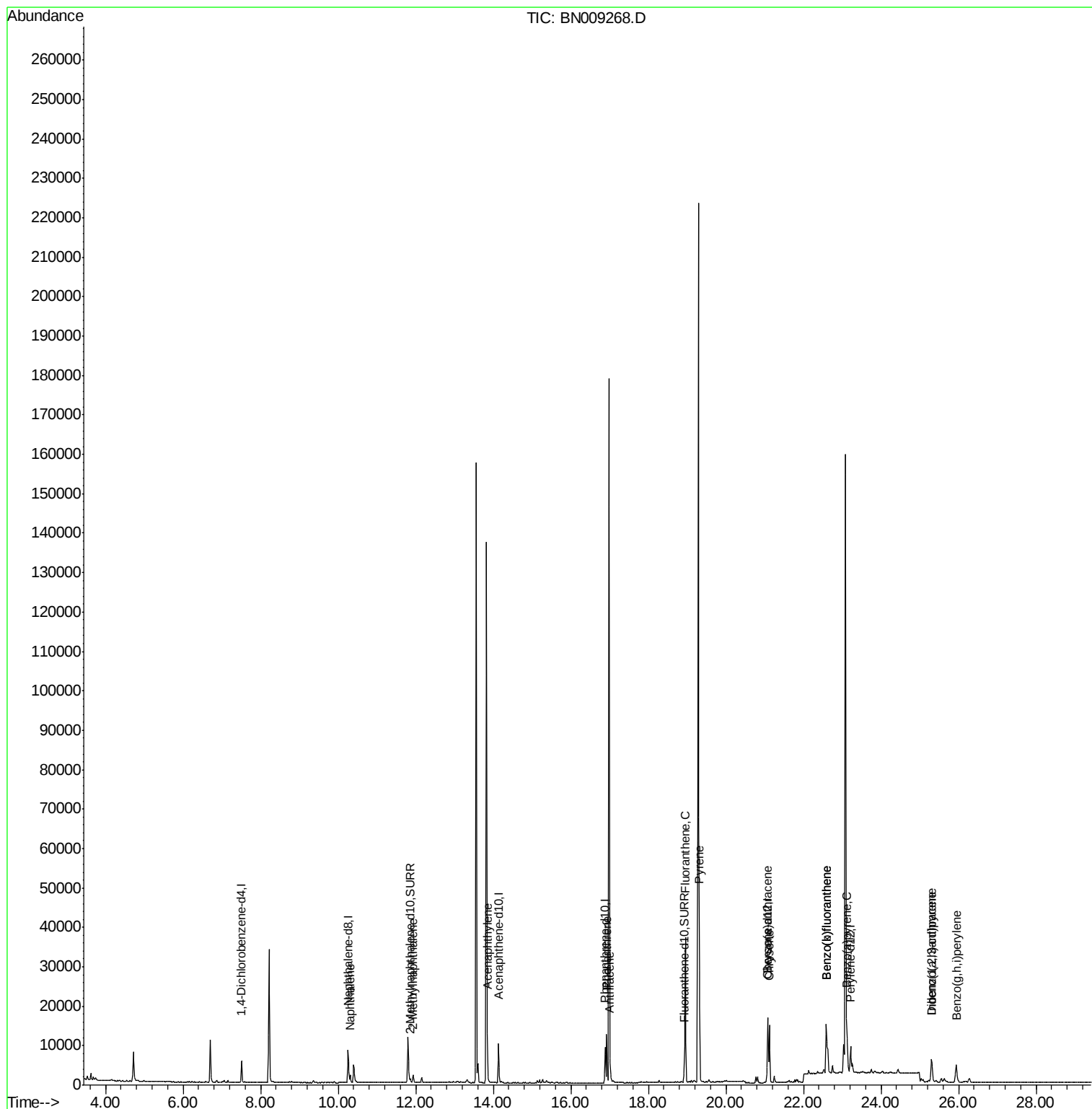
Target Compounds				Qvalue		
3) Naphthalene	10.31	128	2301	0.076	ng/ul#	93
5) 2-Methylnaphthalene	11.93	142	1532	0.067	ng/ul	99
7) Acenaphthylene	13.85	152	1279	0.046	ng/ul#	86
12) Phenanthrene	16.92	178	12727	0.362	ng/ul	99
13) Anthracene	17.02	178	2949	0.094	ng/ul	94
15) Fluoranthene	18.95	202	29946	0.745	ng/ul	99
17) Pyrene	19.31	202	25519	0.659	ng/ul	99
18) Benzo(a)anthracene	21.07	228	12035	0.357	ng/ul	97
19) Chrysene	21.12	228	13971	0.412	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	24885	0.681	ng/ul	98
22) Benzo(k)fluoranthene	22.59	252	24885	0.675	ng/ul	99
23) Benzo(a)pyrene	23.12	252	11724	0.366	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	8614	0.247	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	1978	0.071	ng/ul#	67
26) Benzo(g,h,i)perylene	25.94	276	8429	0.287	ng/ul	98

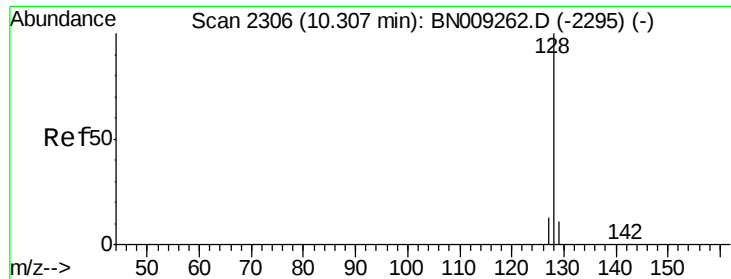
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

ClientSampleId :

C0C41DL

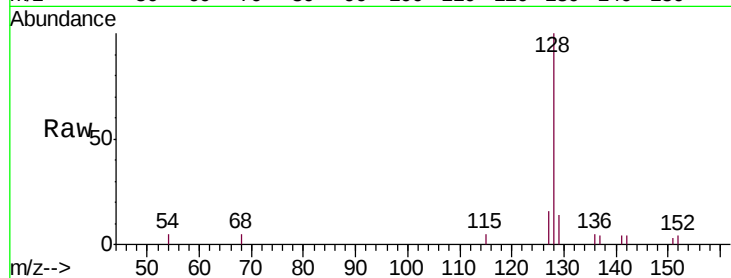
Tgt Ion:128 Resp: 2301

Ion Ratio Lower Upper

128 100

129 14.4 9.0 13.4#

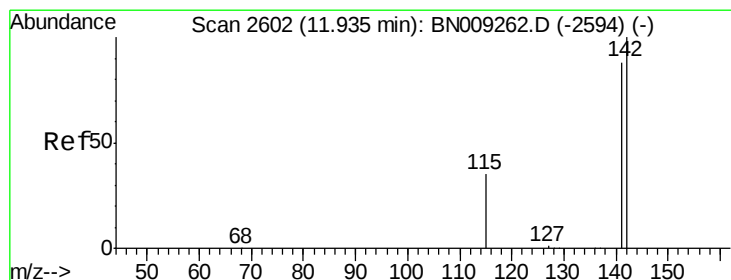
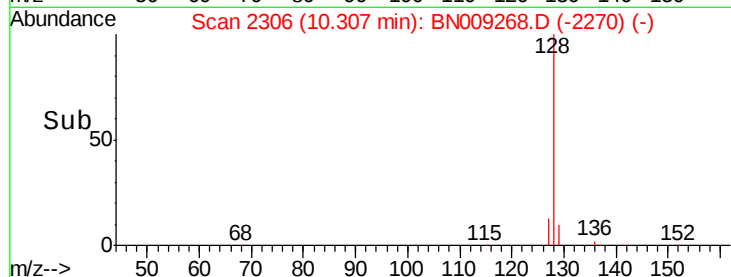
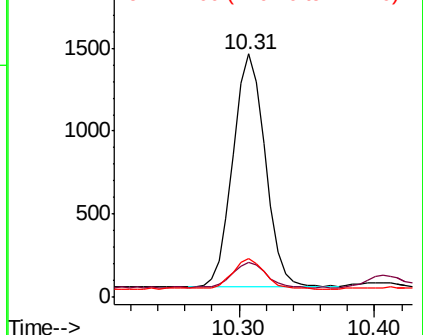
127 15.9 10.9 16.3



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: 0.067 ng/ul

RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN009268.D

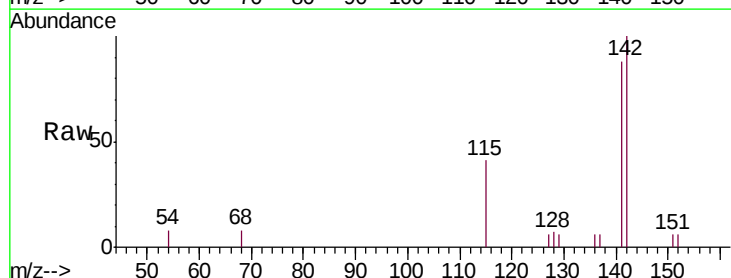
Acq: 30 Dec 2019 20:07

Tgt Ion:142 Resp: 1532

Ion Ratio Lower Upper

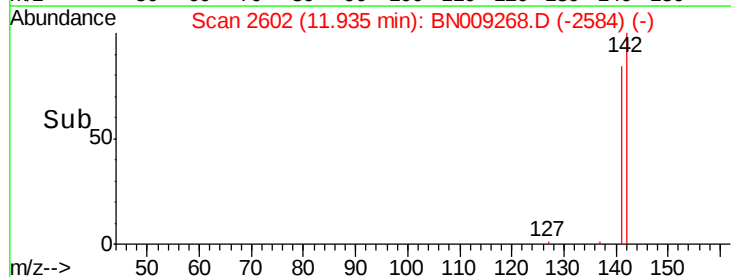
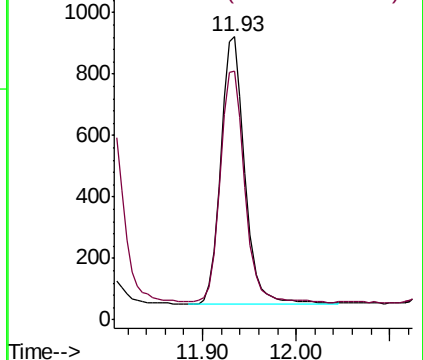
142 100

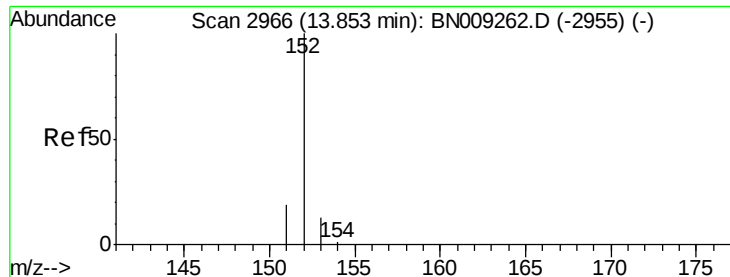
141 89.1 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

ClientSampleId :

C0C41DL

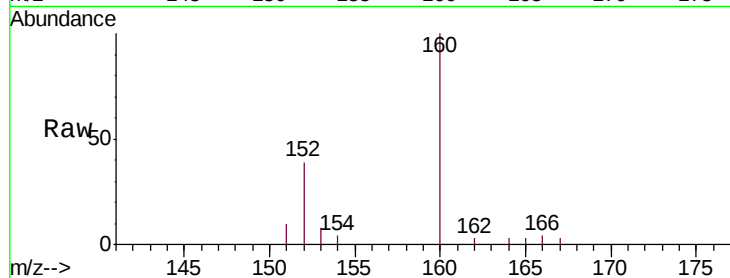
Tgt Ion:152 Resp: 1279

Ion Ratio Lower Upper

152 100

151 25.1 15.7 23.5#

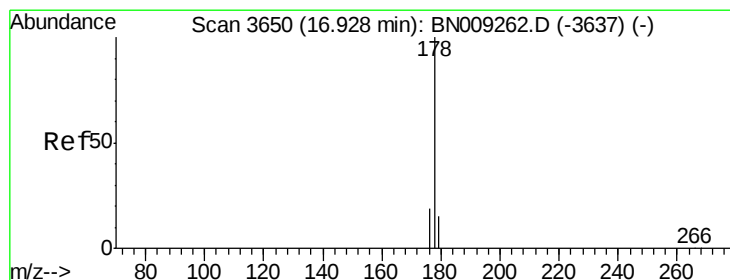
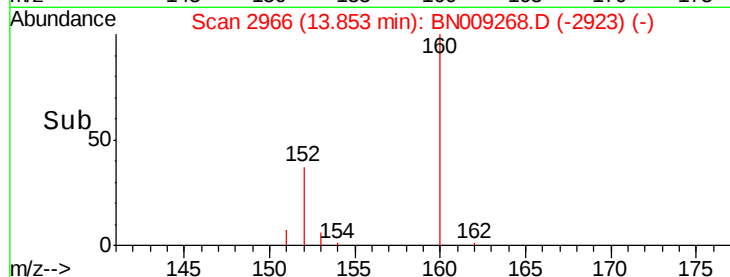
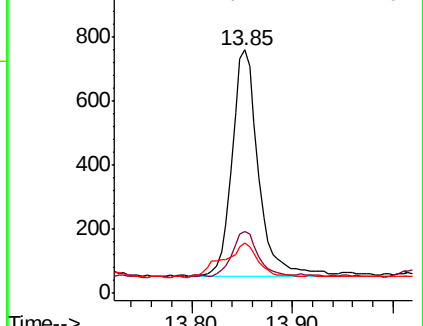
153 20.5 10.8 16.2#



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



#12

Phenanthrene

Concen: 0.362 ng/ul

RT: 16.92 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

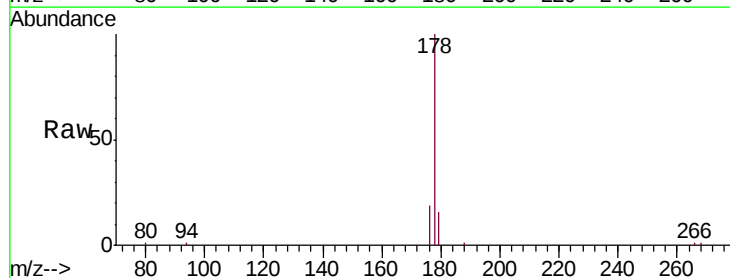
Tgt Ion:178 Resp: 12727

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

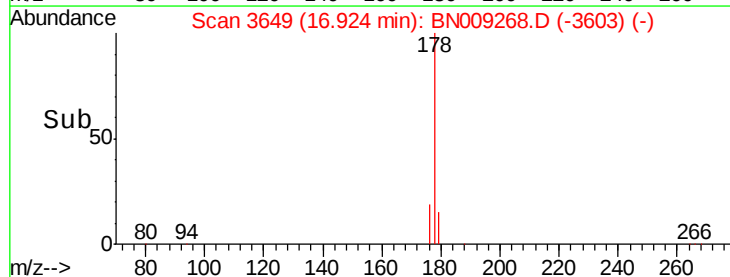
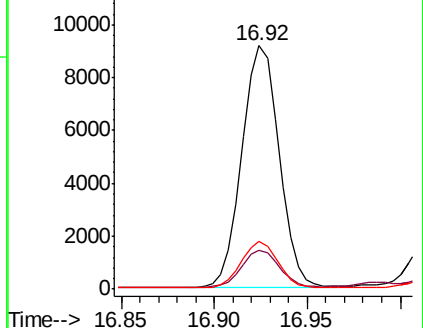
176 19.4 15.1 22.7

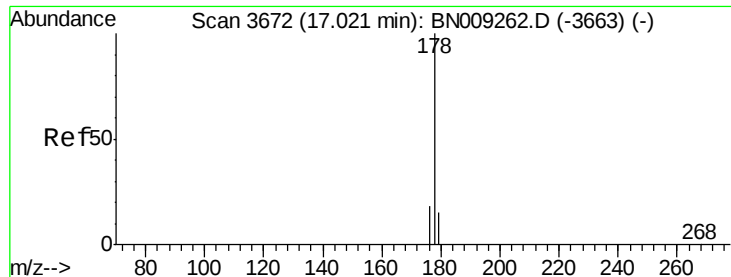


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.094 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

ClientSampleId :

C0C41DL

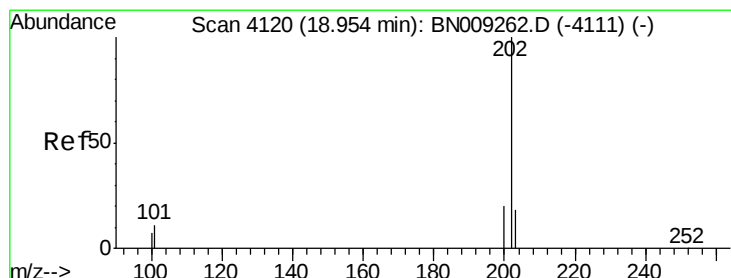
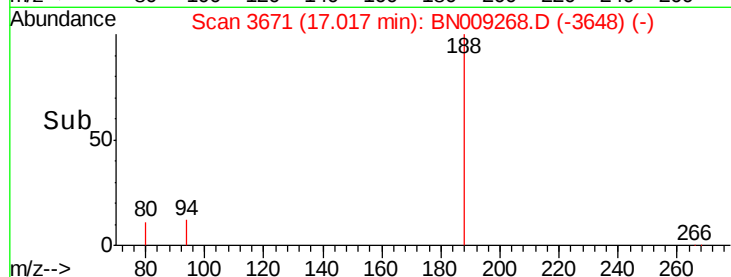
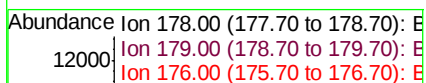
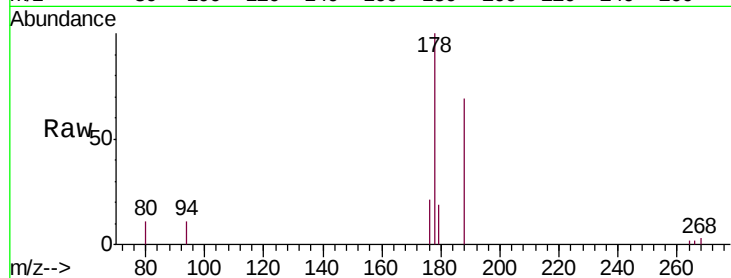
Tgt Ion:178 Resp: 2949

Ion Ratio Lower Upper

178 100

179 18.6 12.5 18.7

176 20.7 14.9 22.3



#15

Fluoranthene

Concen: 0.745 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

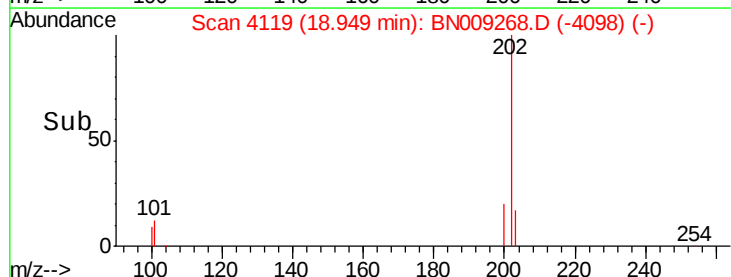
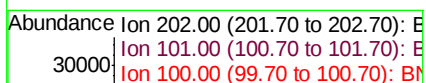
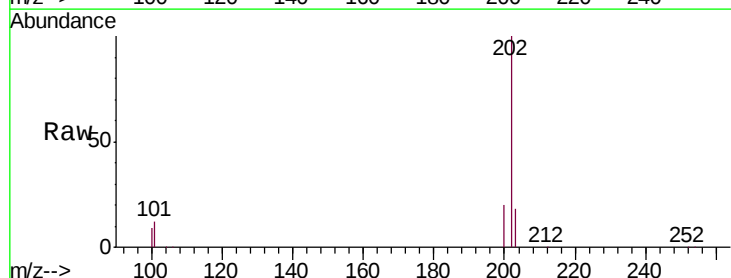
Tgt Ion:202 Resp: 29946

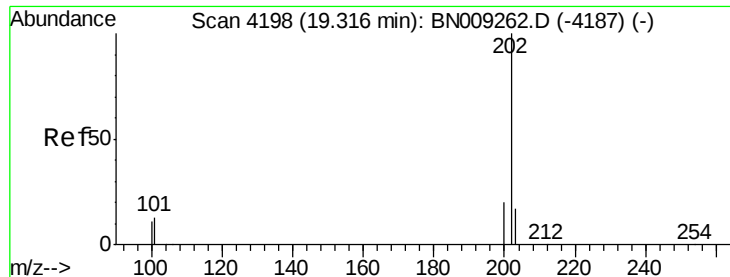
Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

100 9.2 0.0 28.9

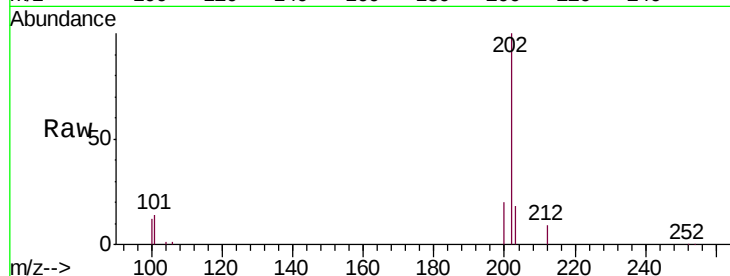




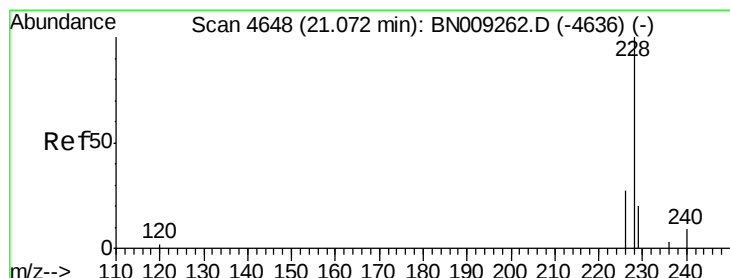
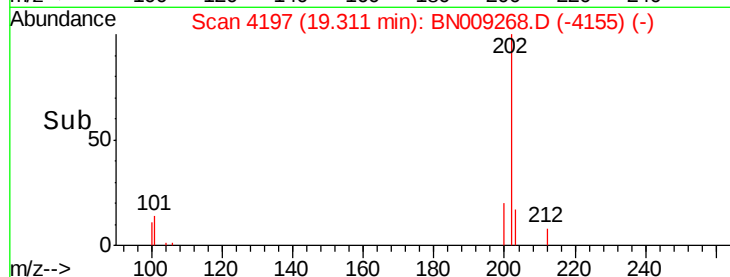
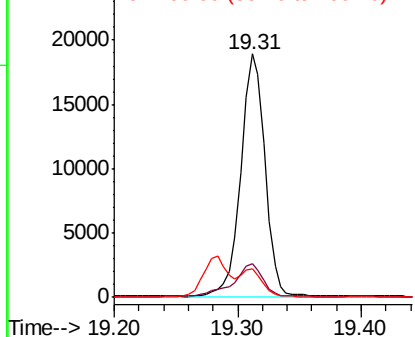
#17
 Pyrene
 Concen: 0.659 ng/ul
 RT: 19.31 min Scan# 4197
 Delta R.T. -0.00 min
 Lab File: BN009268.D
 Acq: 30 Dec 2019 20:07

Instrument :
 BNA_N
 ClientSampleId :
 C0C41DL

Tgt Ion:202 Resp: 25519
 Ion Ratio Lower Upper
 202 100
 101 14.1 10.9 16.3
 100 11.6 9.0 13.6

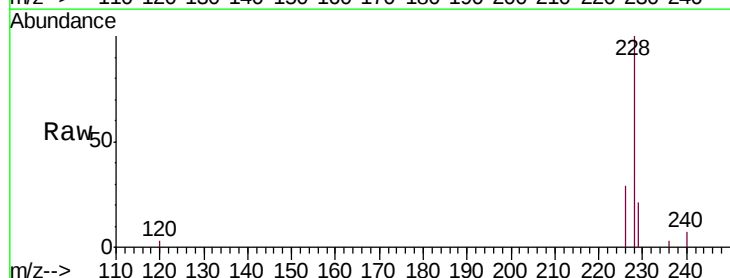


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

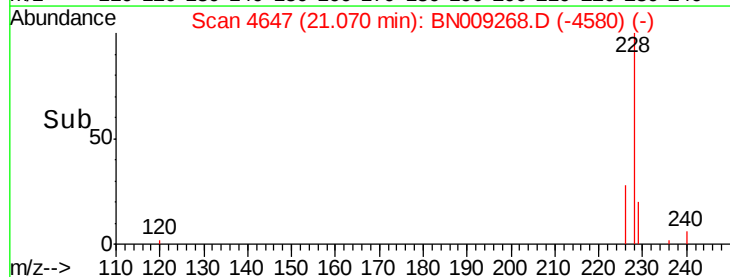
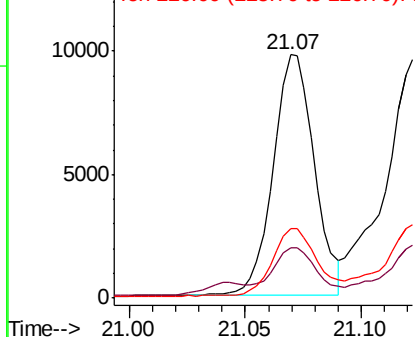


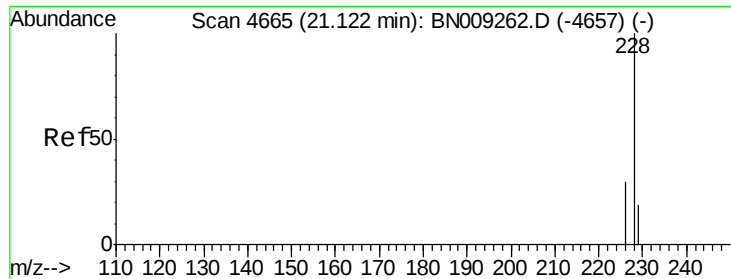
#18
 Benzo(a)anthracene
 Concen: 0.357 ng/ul
 RT: 21.07 min Scan# 4647
 Delta R.T. -0.00 min
 Lab File: BN009268.D
 Acq: 30 Dec 2019 20:07

Tgt Ion:228 Resp: 12035
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.5 23.3
 226 28.7 21.7 32.5



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: 0.412 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

ClientSampleId :

C0C41DL

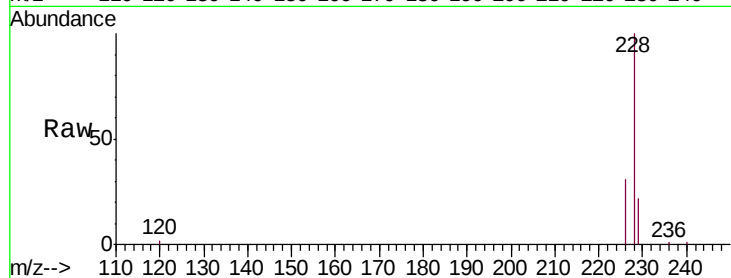
Tgt Ion:228 Resp: 13971

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

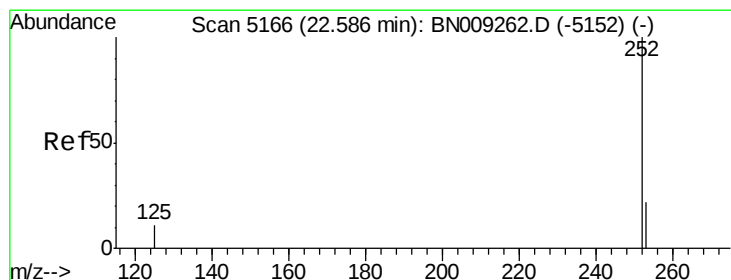
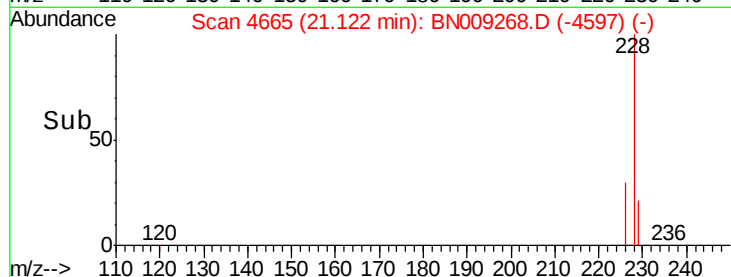
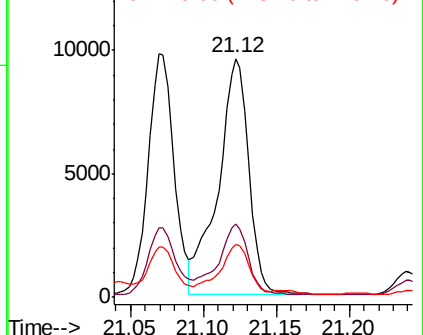
229 22.0 15.4 23.0



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: 0.681 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

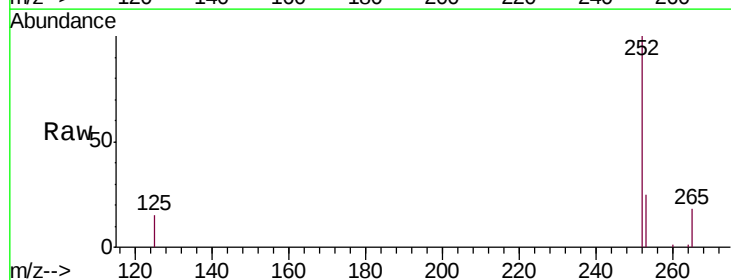
Tgt Ion:252 Resp: 24885

Ion Ratio Lower Upper

252 100

253 25.2 0.0 48.2

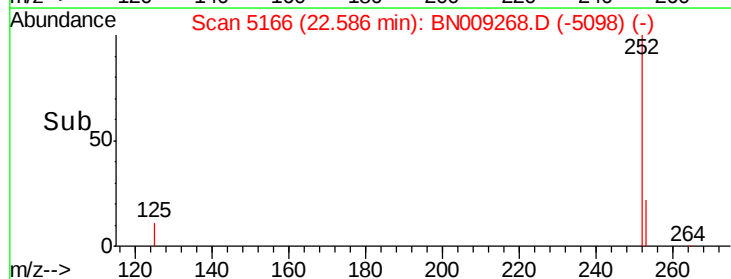
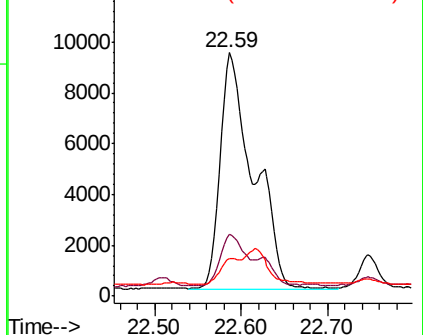
125 15.4 0.0 30.0

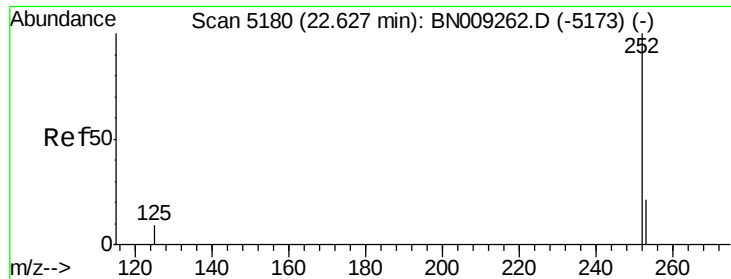


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.675 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. -0.04 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

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ClientSampleId :

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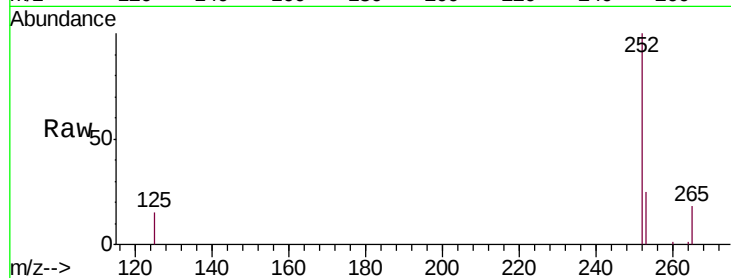
Tgt Ion:252 Resp: 24885

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.0

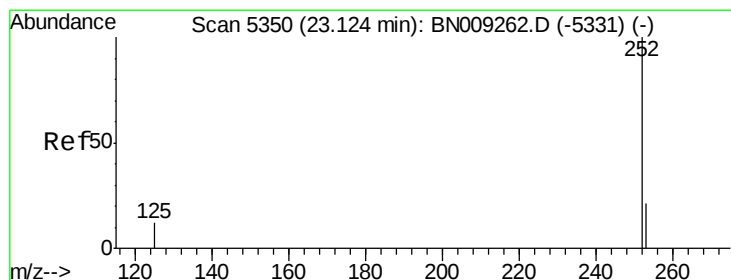
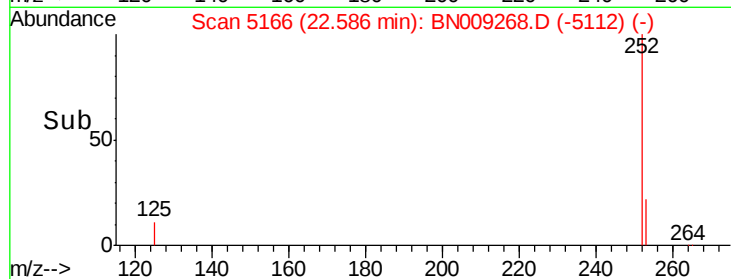
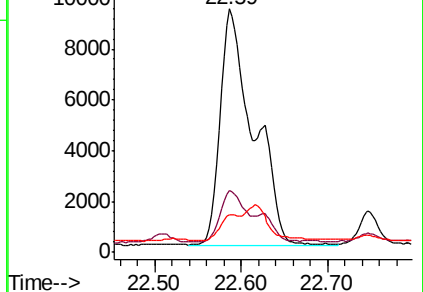
125 15.4 12.4 18.6



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: 0.366 ng/ul

RT: 23.12 min Scan# 5349

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

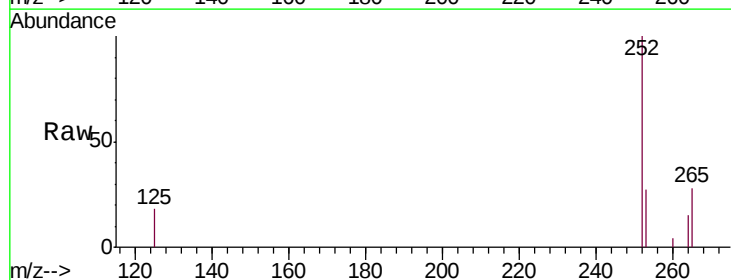
Tgt Ion:252 Resp: 11724

Ion Ratio Lower Upper

252 100

253 27.2 20.2 30.4

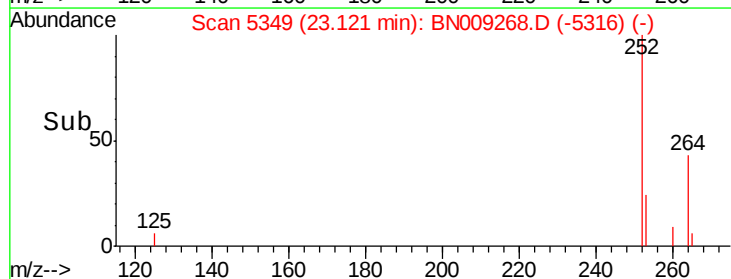
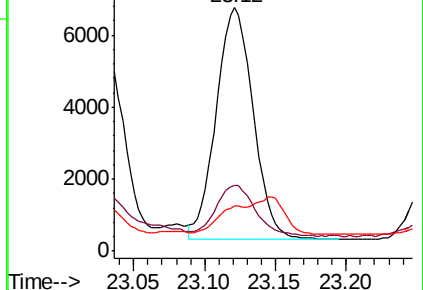
125 18.3 13.2 19.8

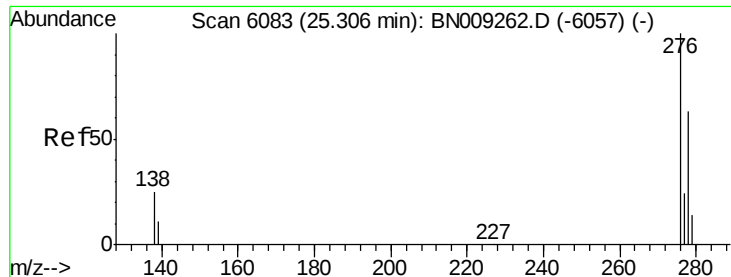


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.247 ng/ul

RT: 25.30 min Scan# 6082

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

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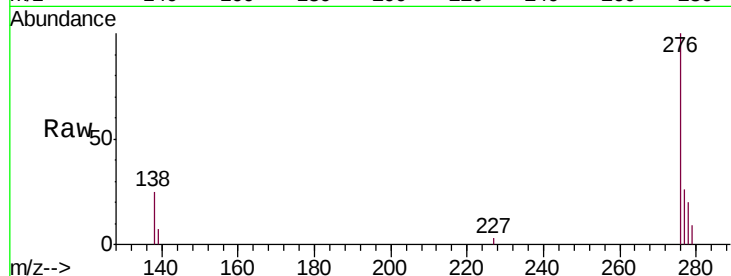
Tgt Ion:276 Resp: 8614

Ion Ratio Lower Upper

276 100

138 22.2 22.4 33.6#

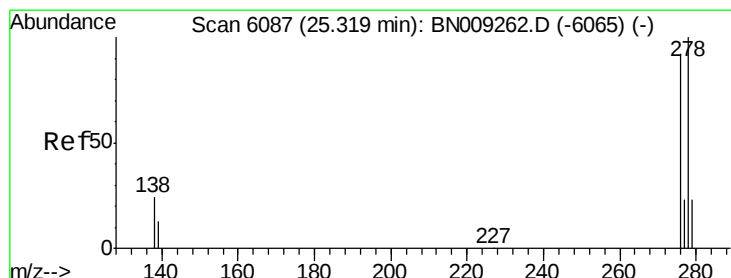
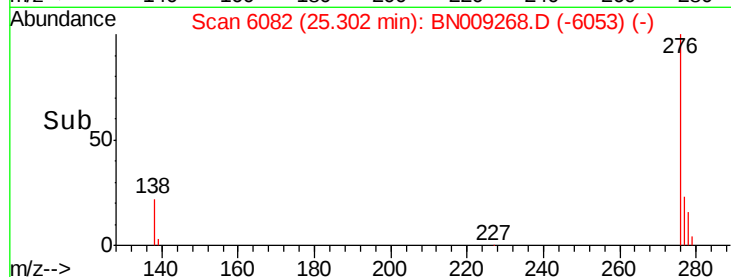
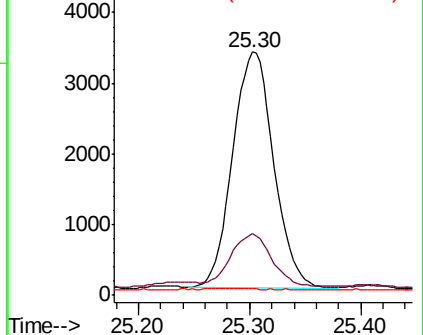
227 0.0 0.2 0.4#



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: 0.071 ng/ul

RT: 25.31 min Scan# 6084

Delta R.T. -0.01 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

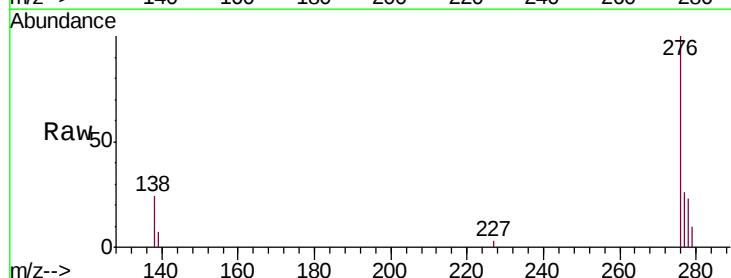
Tgt Ion:278 Resp: 1978

Ion Ratio Lower Upper

278 100

139 32.5 16.2 24.2#

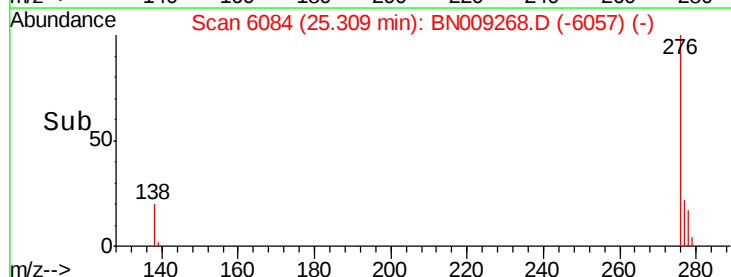
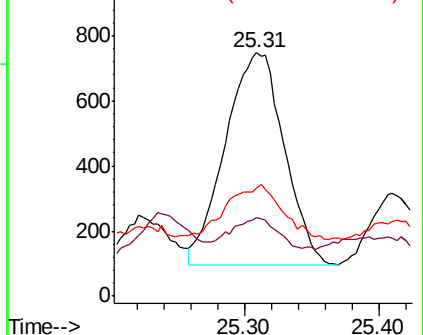
279 44.5 20.3 30.5#

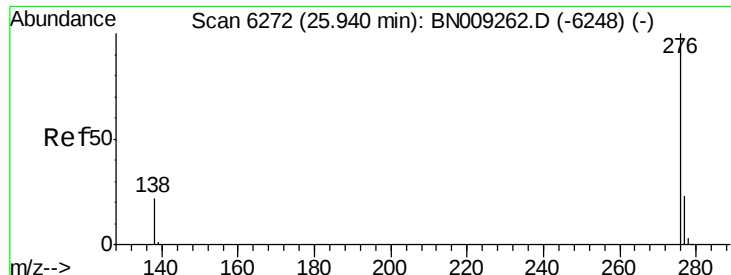


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.287 ng/ul

RT: 25.94 min Scan# 6272

Delta R.T. -0.00 min

Lab File: BN009268.D

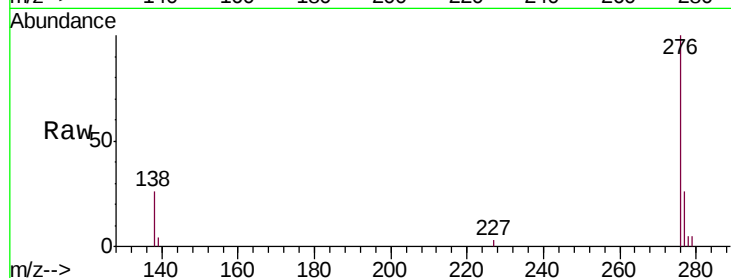
Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

ClientSampleId :

C0C41DL



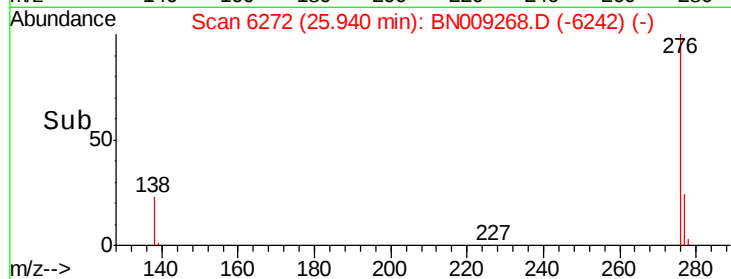
Tgt Ion: 276 Resp: 8429

Ion Ratio Lower Upper

276 100

138 26.2 20.6 30.8

277 25.9 19.6 29.4



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

