

Data File : BN003841.D
Acq On : 12 Dec 2018 06:42
Operator : JU/SJ
Sample : J6171-05DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y09DL

Quant Time: Dec 12 07:23:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 03:46:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5196	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20639	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	21370	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14184	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	13779	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2120	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2183	0.03	ng/ul	0.00

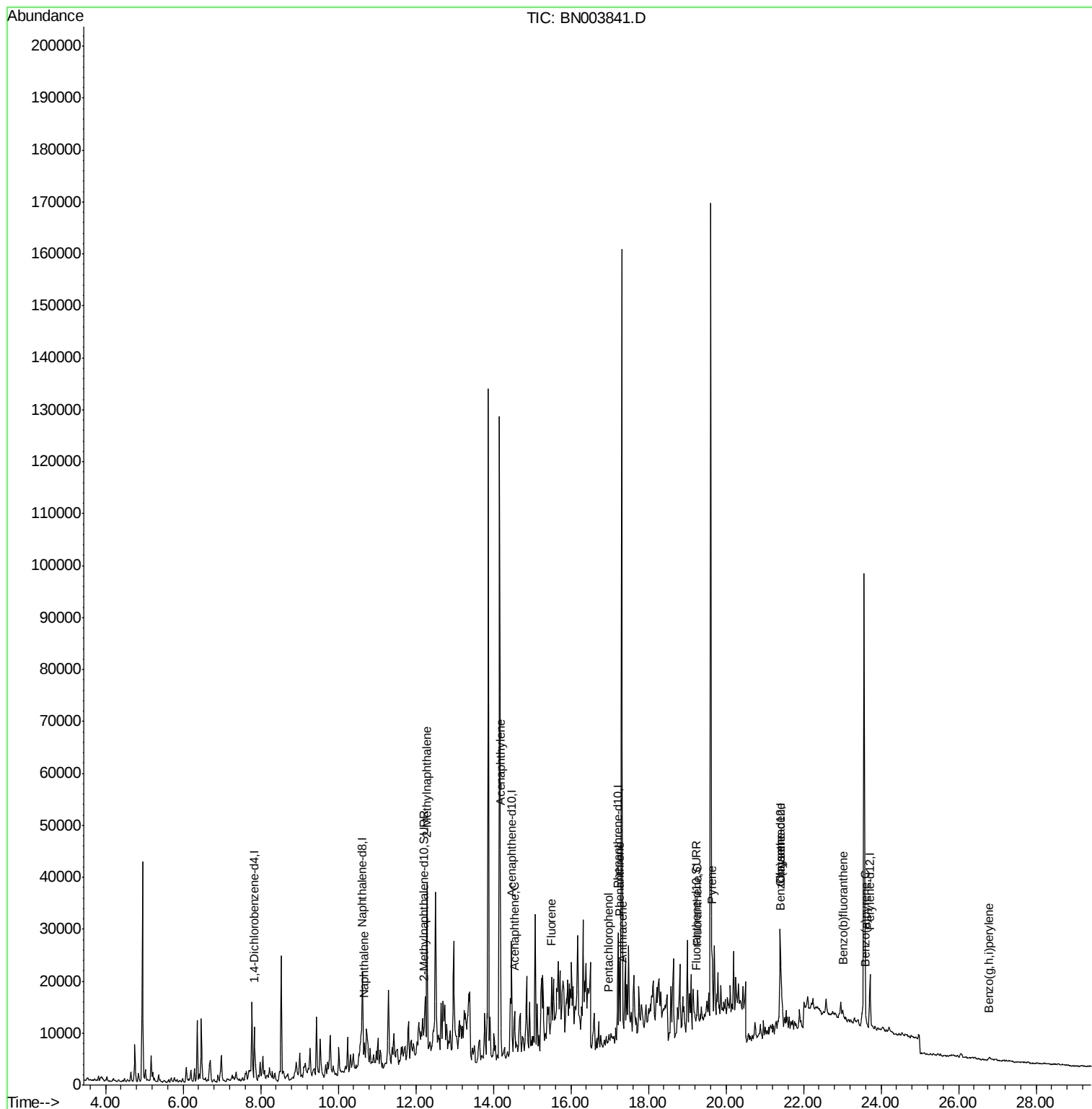
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	3170	0.055	ng/ul#	31
5) 2-Methylnaphthalene	12.29	142	21713	0.536	ng/ul	99
7) Acenaphthylene	14.19	152	2774	0.055	ng/ul#	1
8) Acenaphthene	14.53	153	4994	0.112	ng/ul#	82
9) Fluorene	15.52	166	4162	0.080	ng/ul#	58
11) Pentachlorophenol	16.99	266	143	0.037	ng/ul	94
12) Phenanthrene	17.25	178	16507	0.235	ng/ul#	75
13) Anthracene	17.34	178	2195	0.038	ng/ul#	26
15) Fluoranthene	19.27	202	5468	0.066	ng/ul	59
17) Pyrene	19.64	202	11208	0.220	ng/ul#	64
18) Benzo(a)anthracene	21.38	228	2290	0.051	ng/ul#	1
19) Chrysene	21.41	228	12615	0.246	ng/ul#	41
21) Benzo(b)fluoranthene	23.01	252	2789	0.049	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	1149	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	1398	0.028	ng/ul#	1

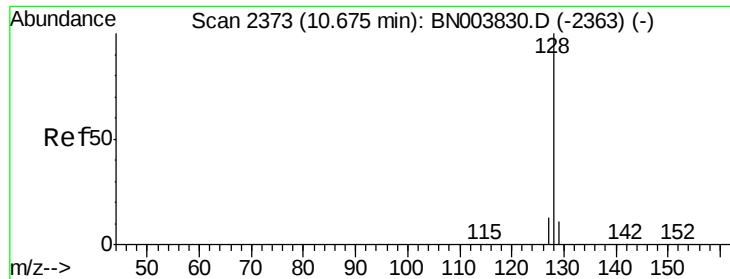
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

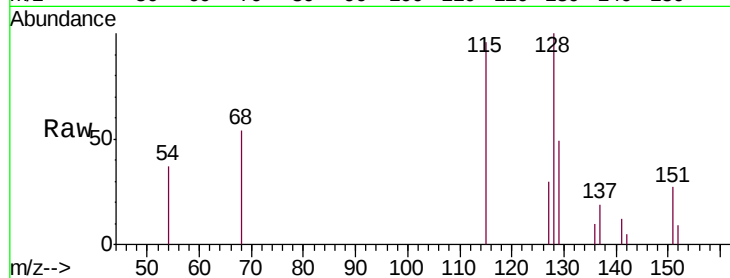
Tgt Ion:128 Resp: 3170

Ion Ratio Lower Upper

128 100

129 49.2 9.0 13.6#

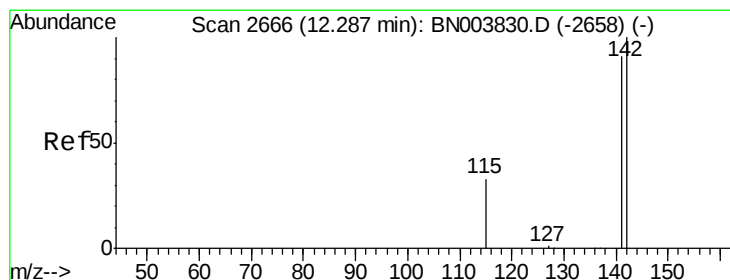
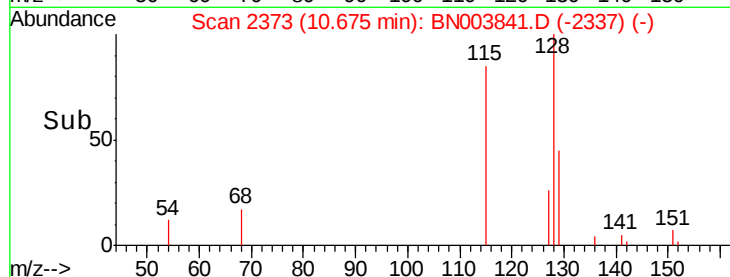
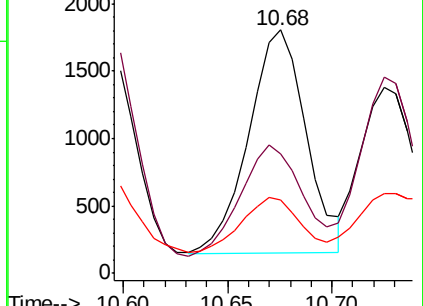
127 30.2 10.5 15.7#



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: 0.536 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BN003841.D

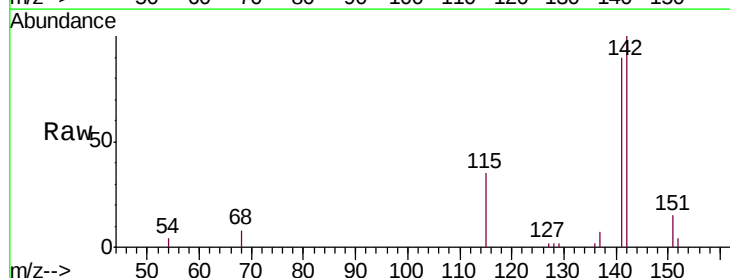
Acq: 12 Dec 2018 06:42

Tgt Ion:142 Resp: 21713

Ion Ratio Lower Upper

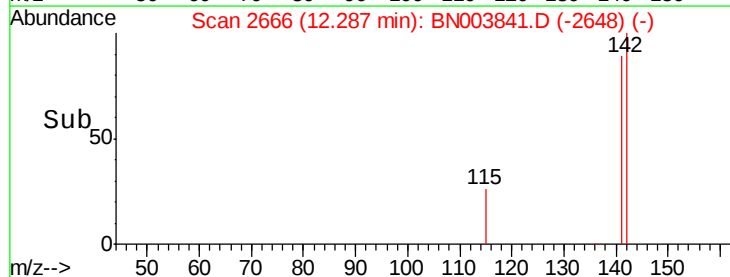
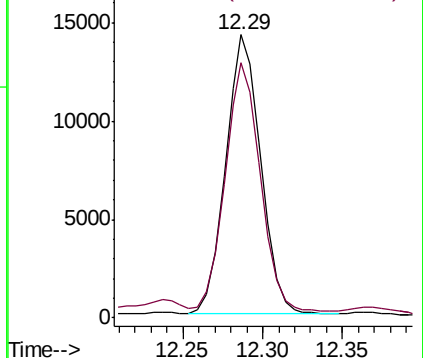
142 100

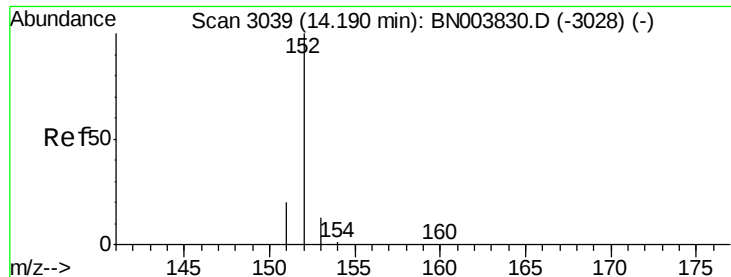
141 90.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.19 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

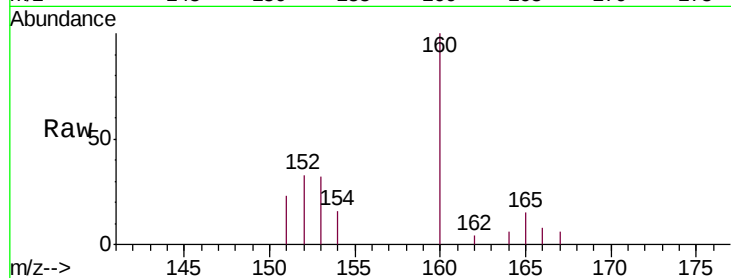
Tgt Ion:152 Resp: 2774

Ion Ratio Lower Upper

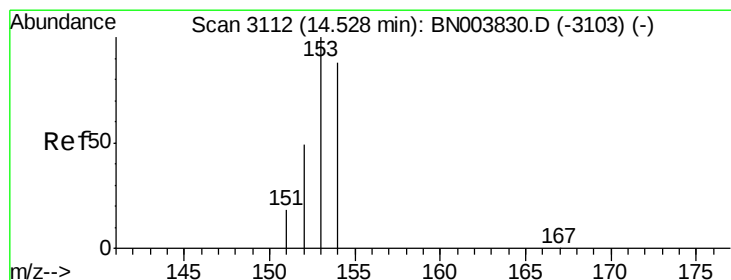
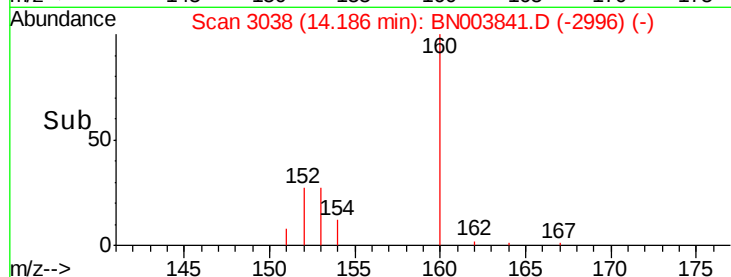
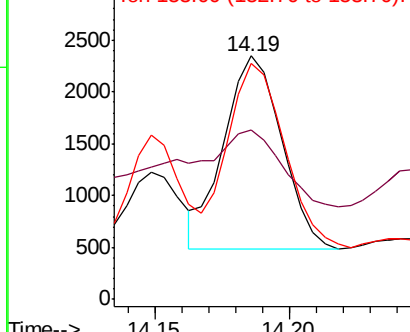
152 100

151 69.6 15.9 23.9#

153 96.8 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: 0.112 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

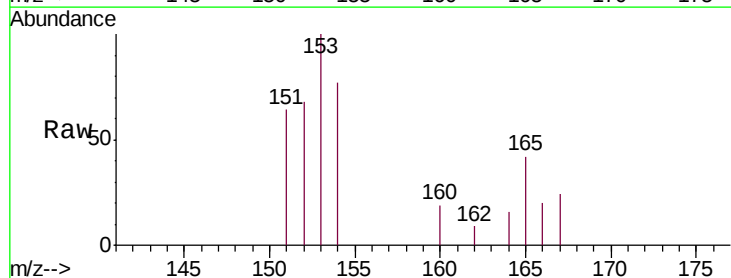
Tgt Ion:153 Resp: 4994

Ion Ratio Lower Upper

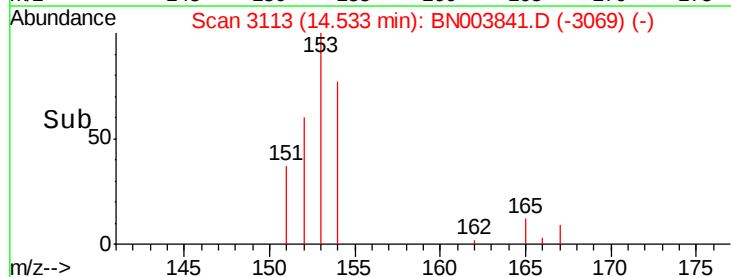
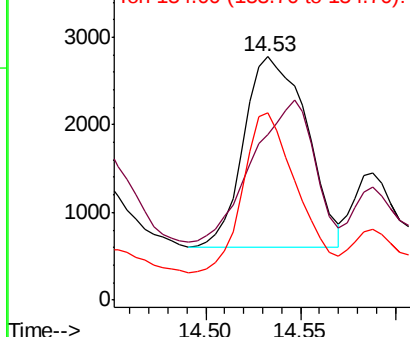
153 100

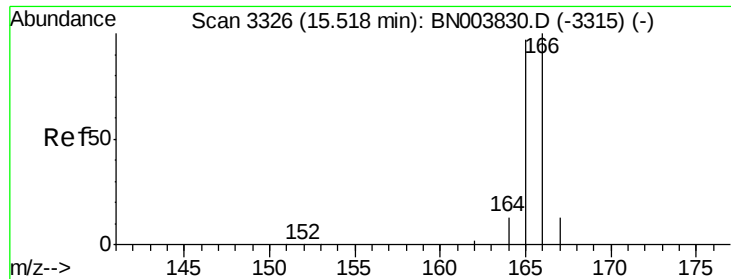
152 68.1 39.3 58.9#

154 76.9 70.3 105.5



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: 0.080 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

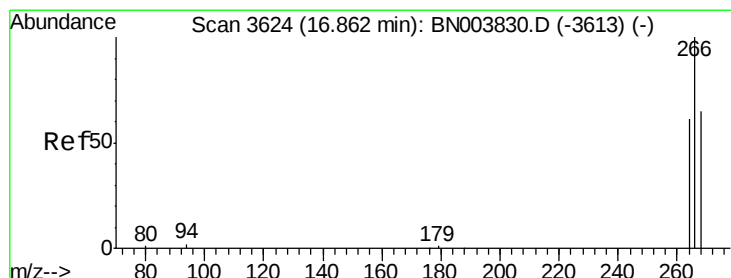
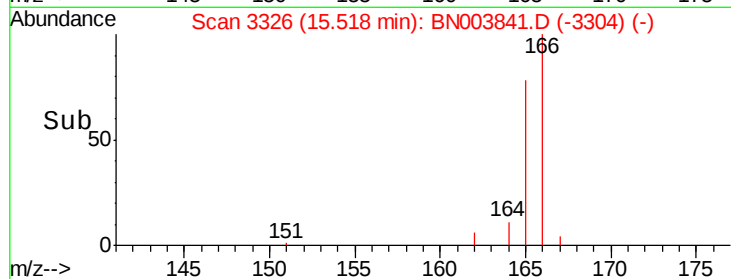
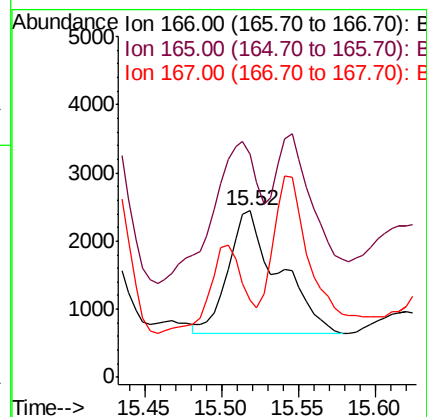
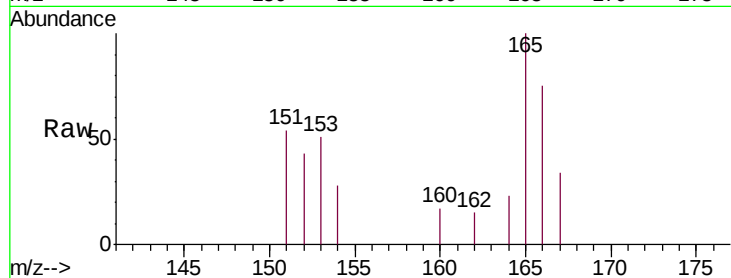
Tgt Ion:166 Resp: 4162

Ion Ratio Lower Upper

166 100

165 134.2 78.3 117.5#

167 46.2 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.037 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. 0.13 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

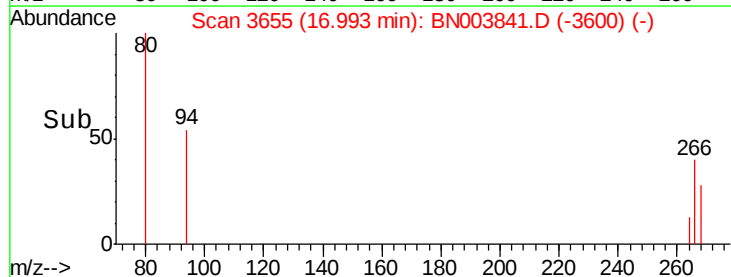
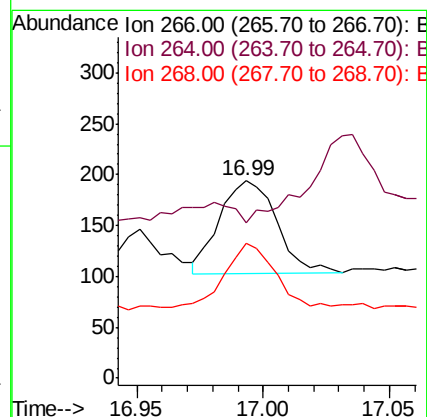
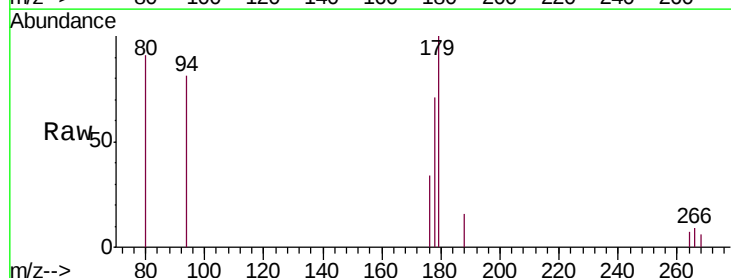
Tgt Ion:266 Resp: 143

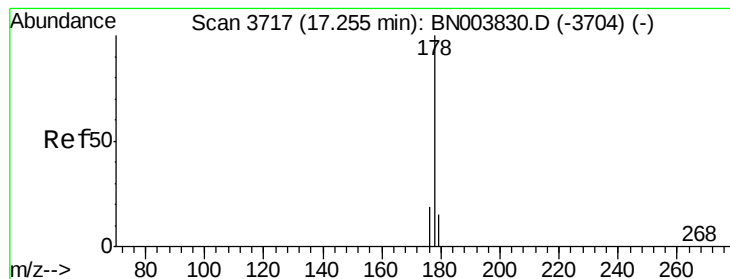
Ion Ratio Lower Upper

266 100

264 55.9 49.4 74.2

268 67.8 51.7 77.5





#12

Phenanthrene

Concen: 0.235 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

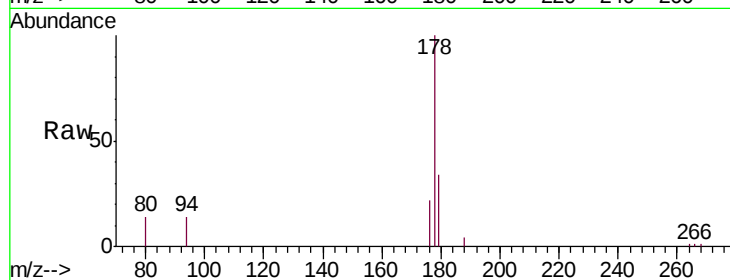
Tgt Ion:178 Resp: 16507

Ion Ratio Lower Upper

178 100

179 34.4 12.5 18.7#

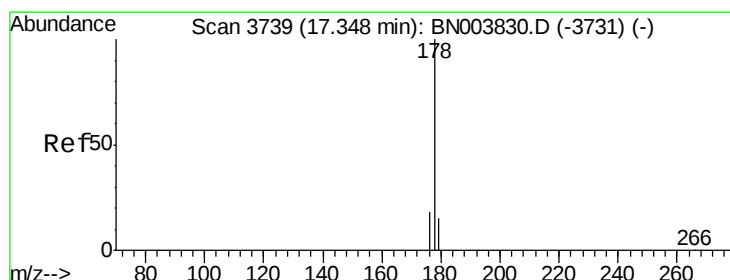
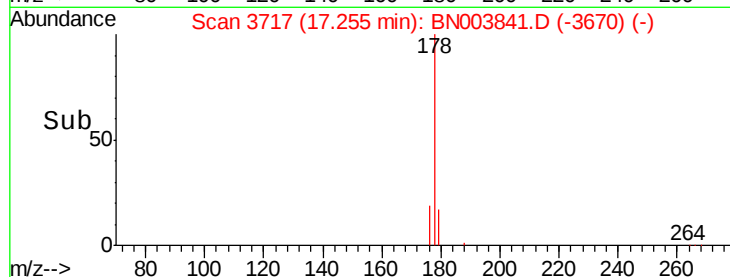
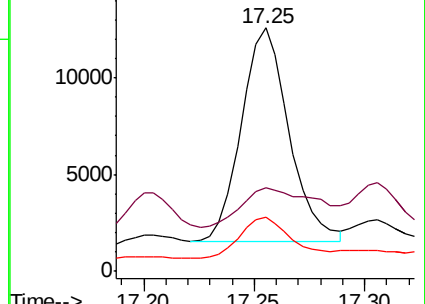
176 22.2 15.0 22.4



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: 0.038 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

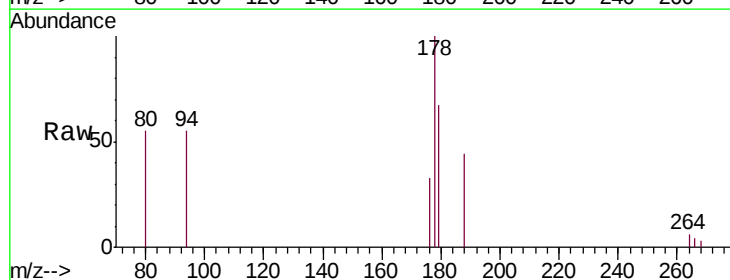
Tgt Ion:178 Resp: 2195

Ion Ratio Lower Upper

178 100

179 67.2 12.3 18.5#

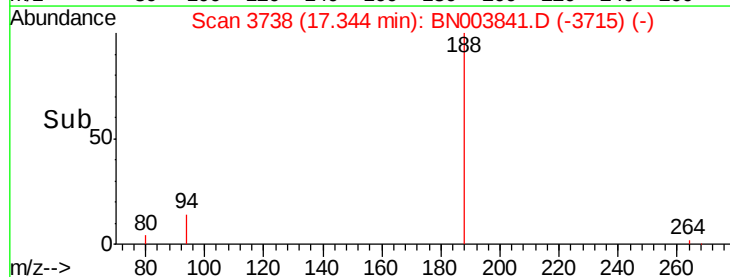
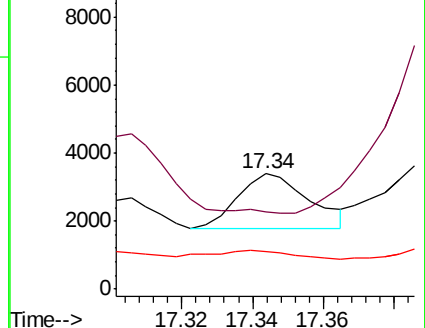
176 32.9 14.8 22.2#

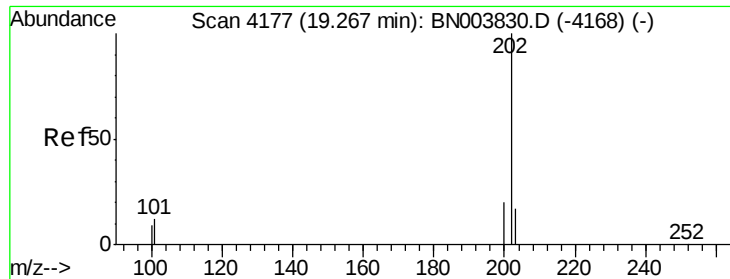


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.066 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

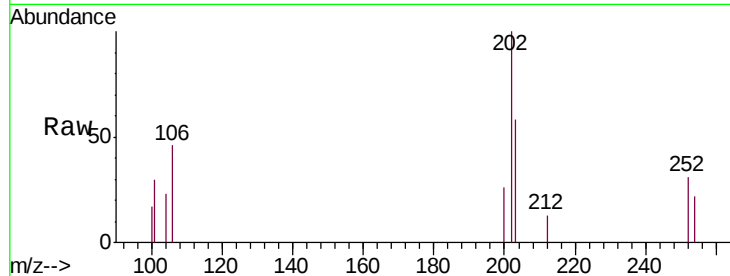
Tgt Ion:202 Resp: 5468

Ion Ratio Lower Upper

202 100

101 30.2 0.0 30.7

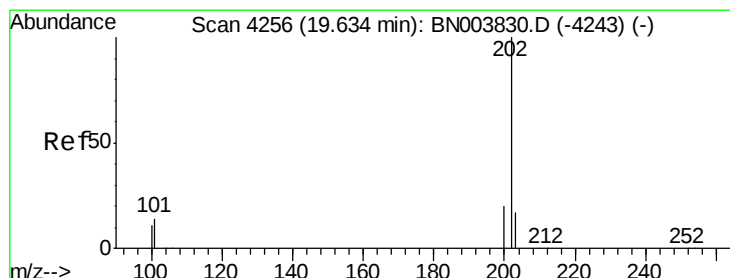
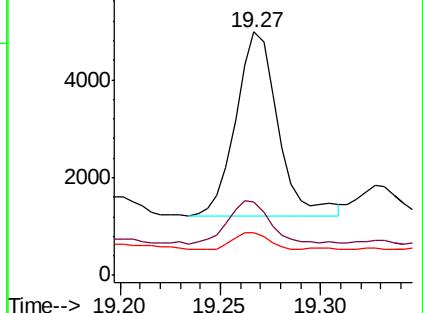
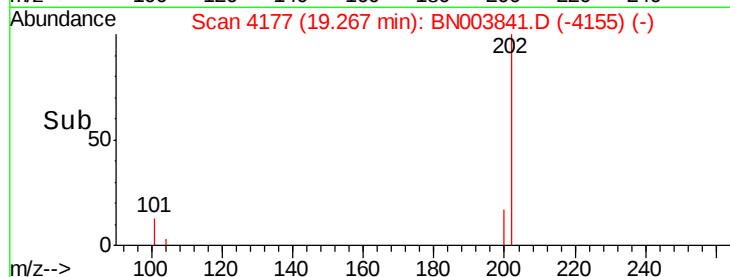
100 17.3 0.0 28.1



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



#17

Pyrene

Concen: 0.220 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

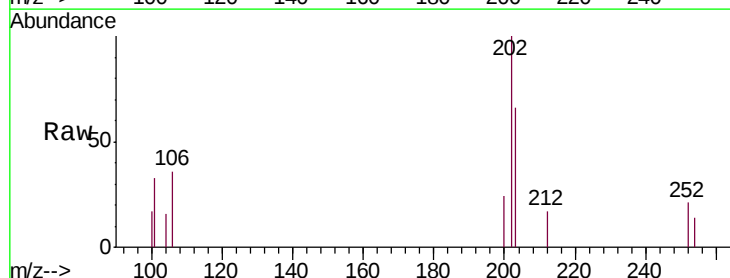
Tgt Ion:202 Resp: 11208

Ion Ratio Lower Upper

202 100

101 33.4 10.3 15.5#

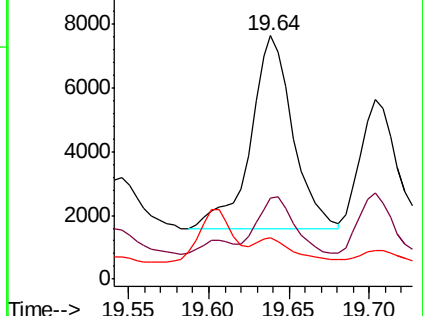
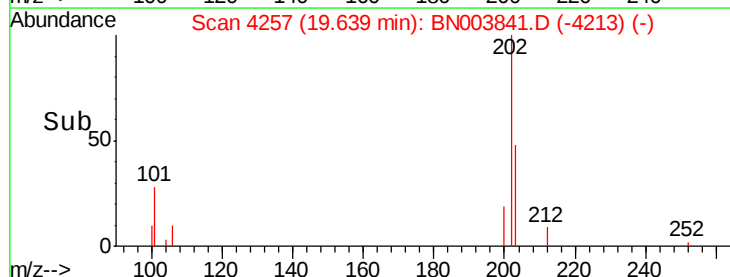
100 16.9 8.5 12.7#

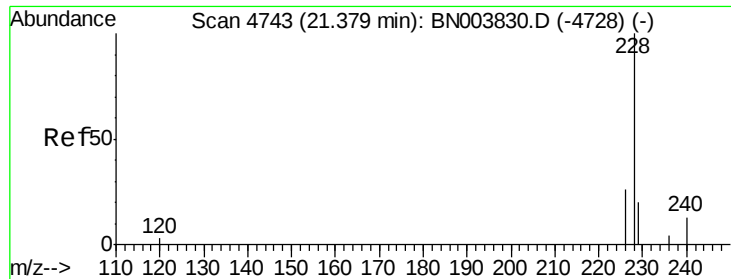


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.051 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

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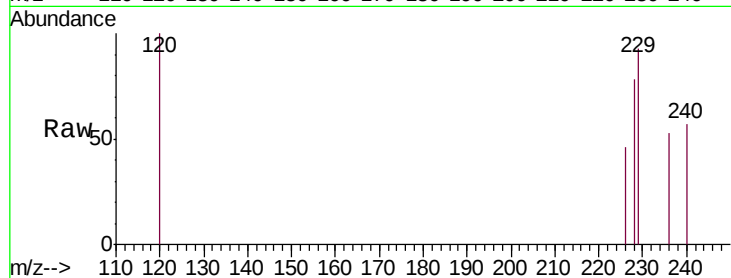
Tgt Ion:228 Resp: 2290

Ion Ratio Lower Upper

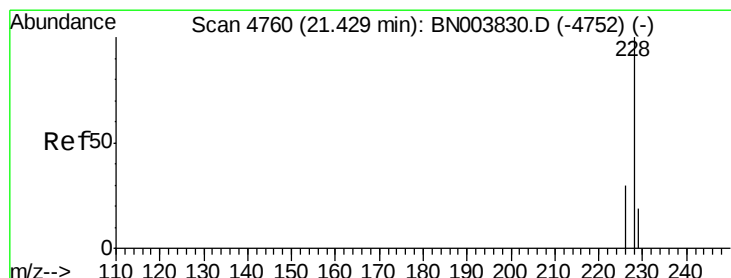
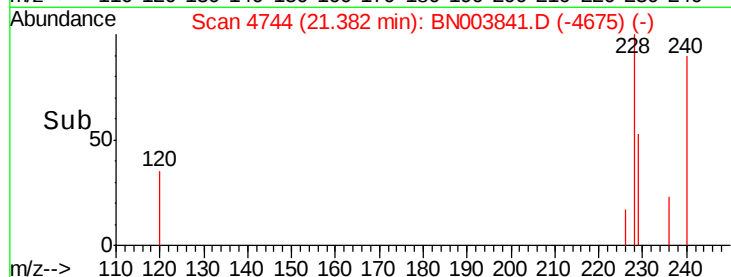
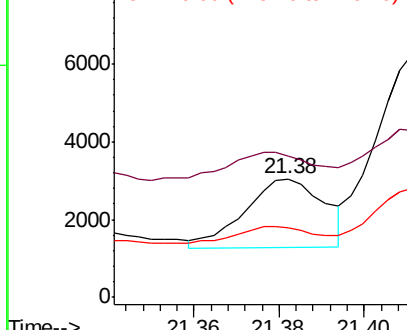
228 100

229 119.3 15.6 23.4#

226 58.9 21.1 31.7#



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: 0.246 ng/ul

RT: 21.41 min Scan# 4754

Delta R.T. -0.02 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

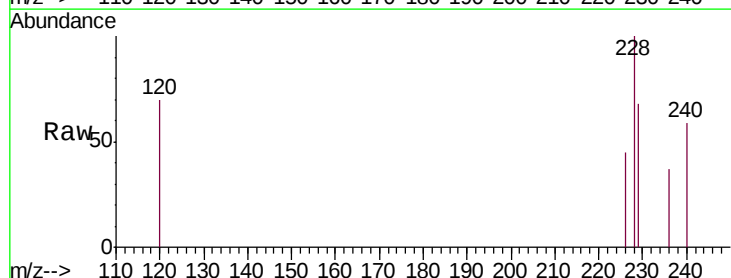
Tgt Ion:228 Resp: 12615

Ion Ratio Lower Upper

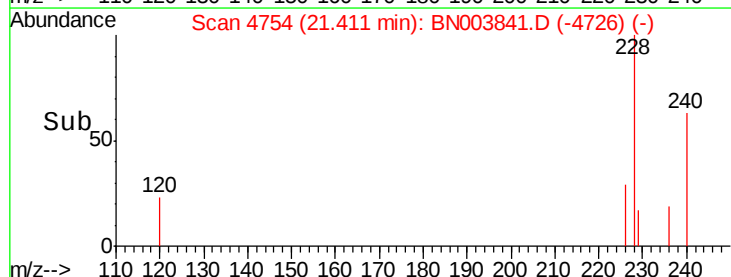
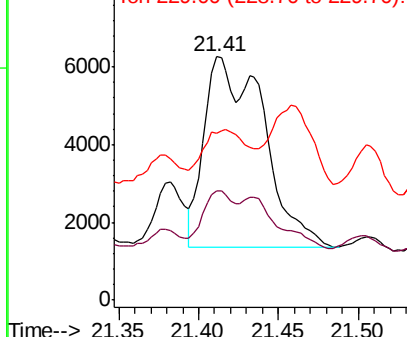
228 100

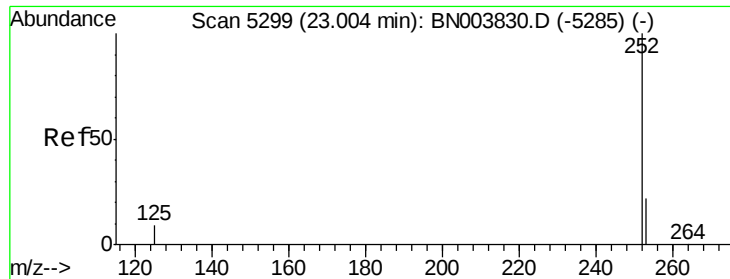
226 45.0 24.0 36.0#

229 68.3 15.7 23.5#



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: 0.049 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. 0.01 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

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F9Y09DL

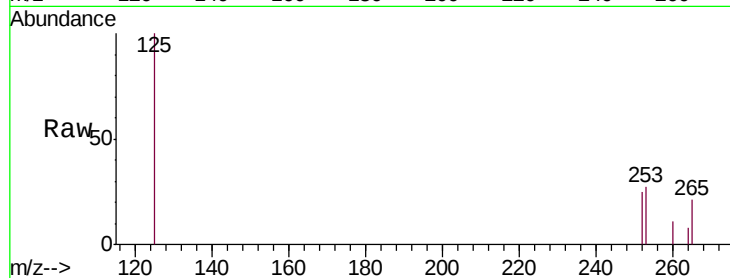
Tgt Ion:252 Resp: 2789

Ion Ratio Lower Upper

252 100

253 109.3 0.0 46.0#

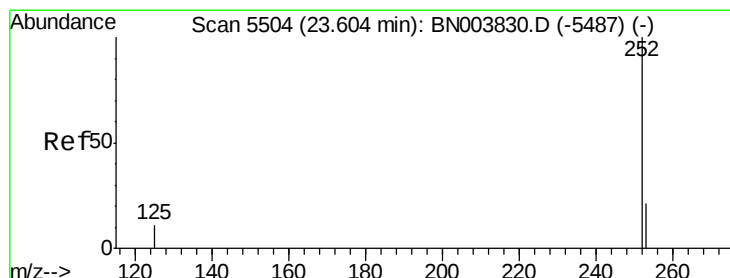
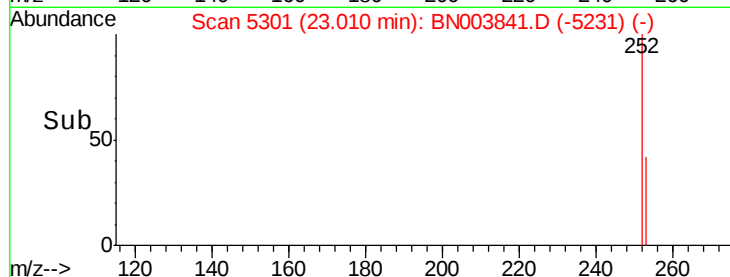
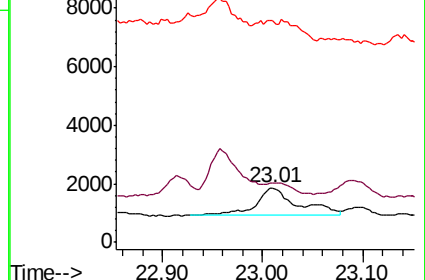
125 408.1 0.0 22.4#



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: 0.023 ng/ul

RT: 23.61 min Scan# 5506

Delta R.T. 0.01 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

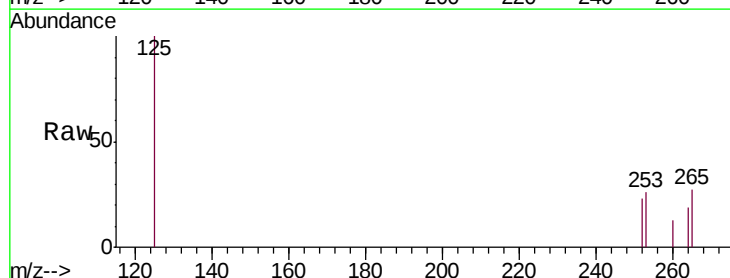
Tgt Ion:252 Resp: 1149

Ion Ratio Lower Upper

252 100

253 109.4 19.0 28.4#

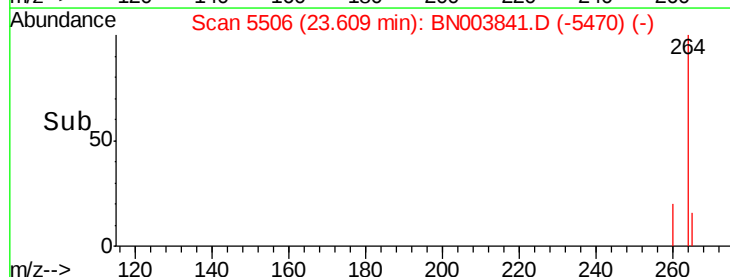
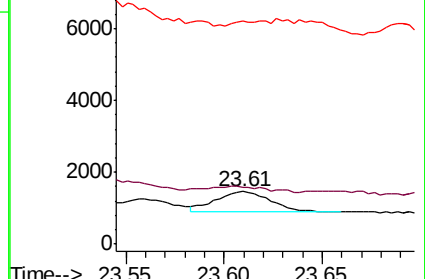
125 426.2 10.2 15.4#

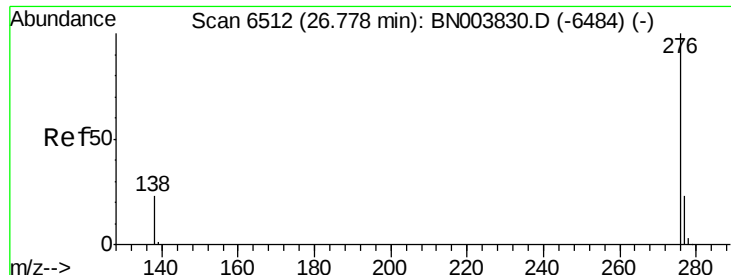


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.028 ng/ul

RT: 26.79 min Scan# 6515

Delta R.T. 0.01 min

Lab File: BN003841.D

Acq: 12 Dec 2018 06:42

Instrument :

BNA_N

ClientSampleId :

F9Y09DL

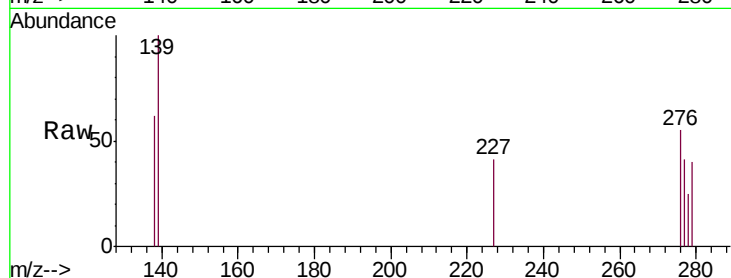
Tgt Ion:276 Resp: 1398

Ion Ratio Lower Upper

276 100

138 111.7 17.7 26.5#

277 73.5 19.3 28.9#



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

