

Data File : BN003836.D
Acq On : 12 Dec 2018 03:47
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y08

Quant Time: Dec 12 07:22:46 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	7.83	152	5520	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	21609	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12298	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	20587	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13297	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	14506	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6927	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7837	0.13	ng/ul	0.00

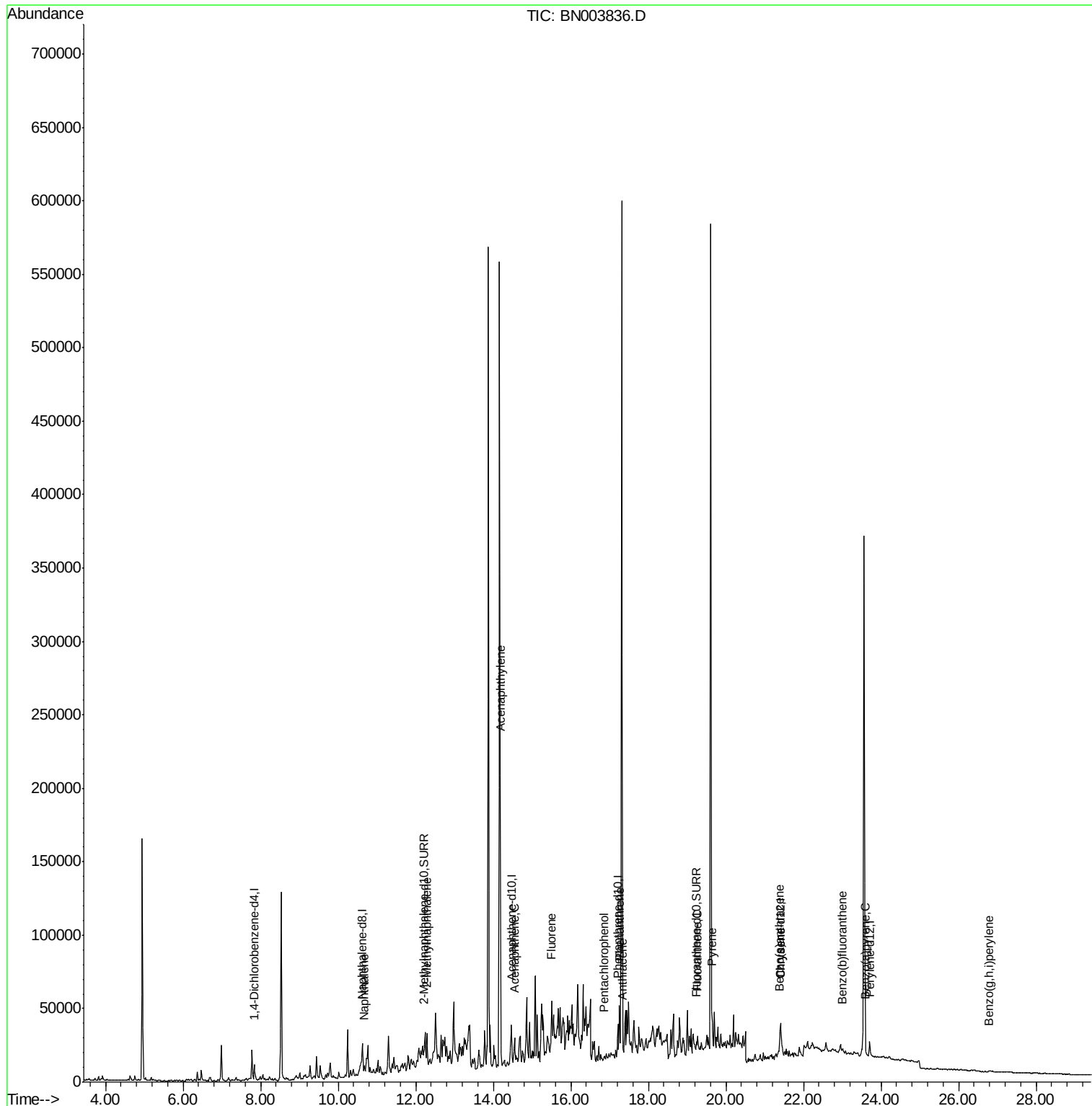
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	4029	0.066	ng/ul#	19
5) 2-Methylnaphthalene	12.29	142	14016	0.331	ng/ul	99
7) Acenaphthylene	14.19	152	5607	0.101	ng/ul#	1
8) Acenaphthene	14.55	153	8553	0.176	ng/ul#	51
9) Fluorene	15.52	166	17050	0.301	ng/ul#	81
11) Pentachlorophenol	16.86	266	256	0.069	ng/ul#	22
12) Phenanthrene	17.25	178	36658	0.543	ng/ul#	78
13) Anthracene	17.35	178	1481	0.027	ng/ul#	1
15) Fluoranthene	19.27	202	8344	0.105	ng/ul#	55
17) Pyrene	19.64	202	17582	0.369	ng/ul#	61
18) Benzo(a)anthracene	21.38	228	2106	0.050	ng/ul#	1
19) Chrysene	21.41	228	23246	0.484	ng/ul#	51
21) Benzo(b)fluoranthene	23.01	252	4016	0.067	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	1125	0.022	ng/ul#	1
26) Benzo(g,h,i)perylene	26.78	276	1641	0.032	ng/ul#	1

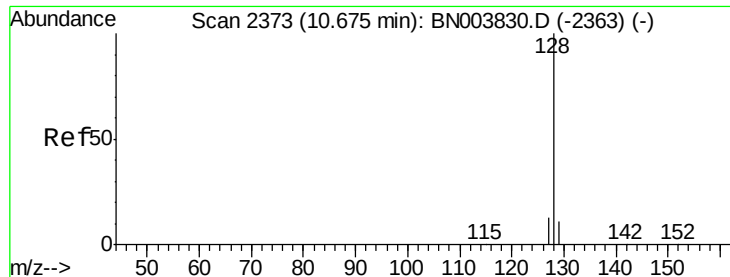
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003836.D
Acq On : 12 Dec 2018 03:47
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y08

Quant Time: Dec 12 07:22:46 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





#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

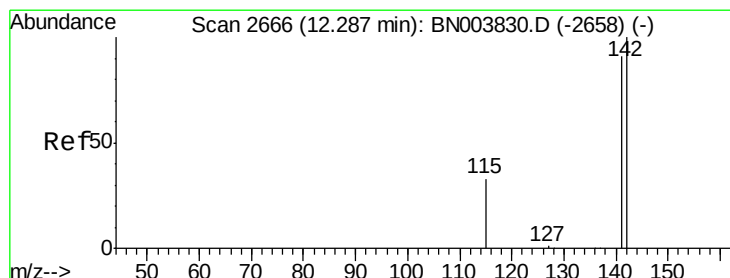
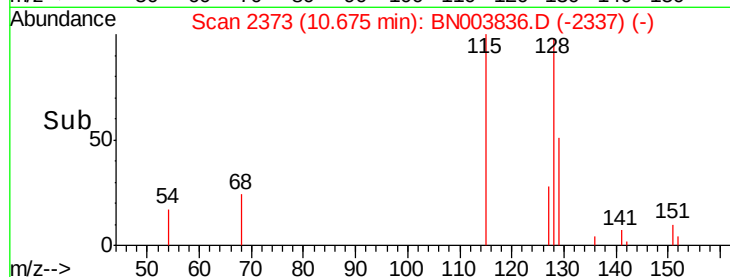
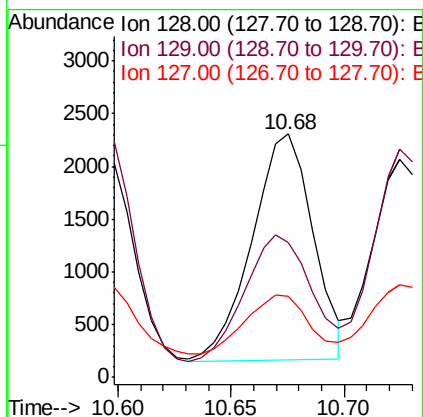
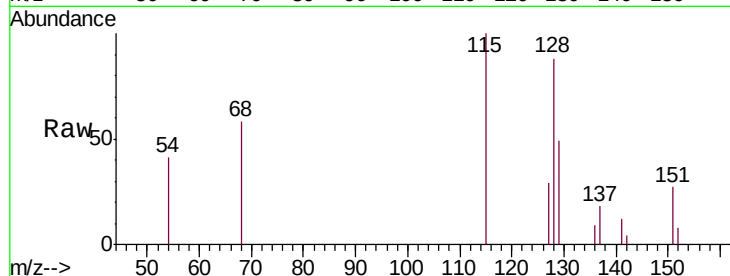
Tgt Ion:128 Resp: 4029

Ion Ratio Lower Upper

128 100

129 55.4 9.0 13.6#

127 33.4 10.5 15.7#



#5

2-Methylnaphthalene

Concen: 0.331 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BN003836.D

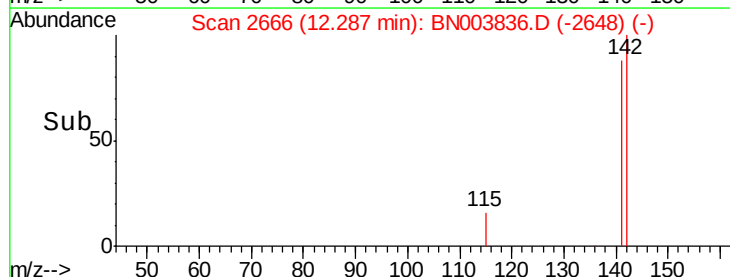
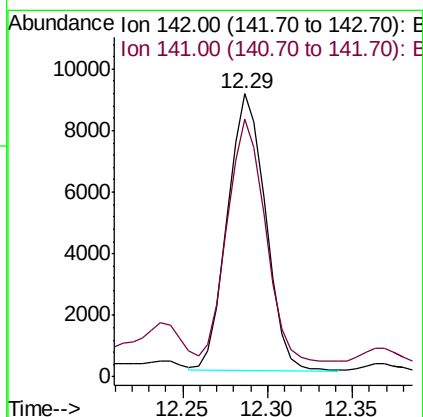
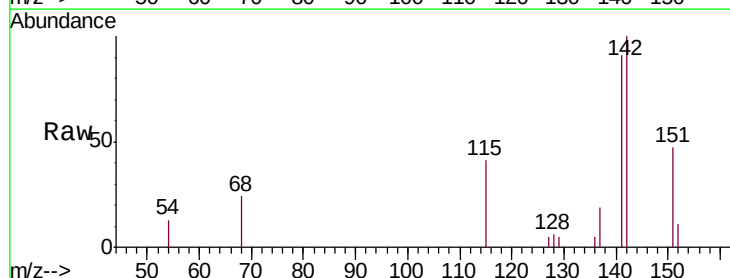
Acq: 12 Dec 2018 03:47

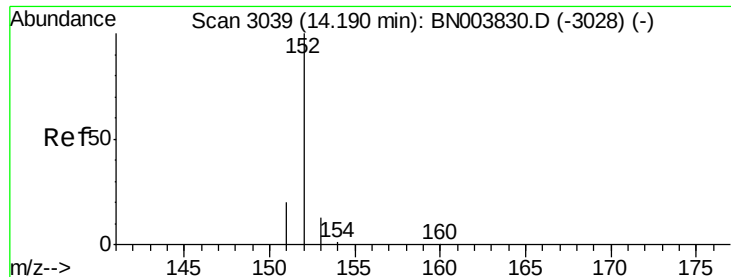
Tgt Ion:142 Resp: 14016

Ion Ratio Lower Upper

142 100

141 88.6 71.5 107.3





#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 14.19 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

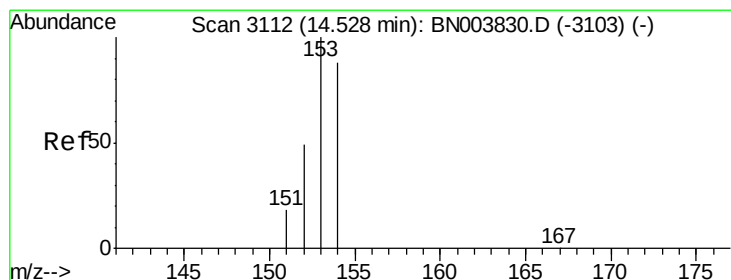
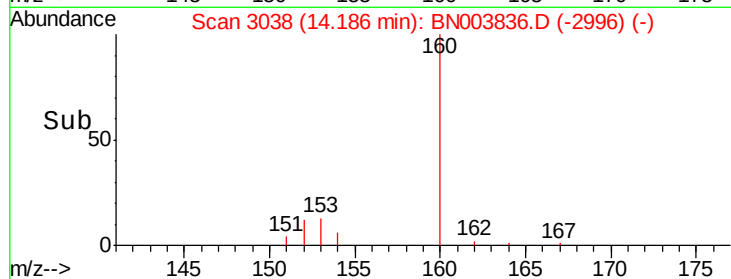
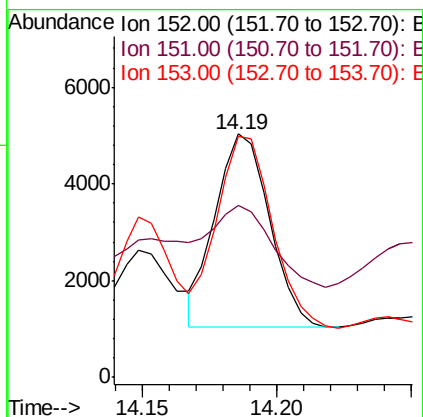
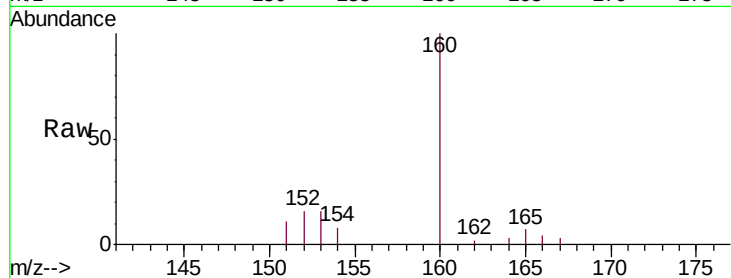
Tgt Ion:152 Resp: 5607

Ion Ratio Lower Upper

152 100

151 70.8 15.9 23.9#

153 98.9 10.7 16.1#



#8

Acenaphthene

Concen: 0.176 ng/ul

RT: 14.55 min Scan# 3116

Delta R.T. 0.02 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

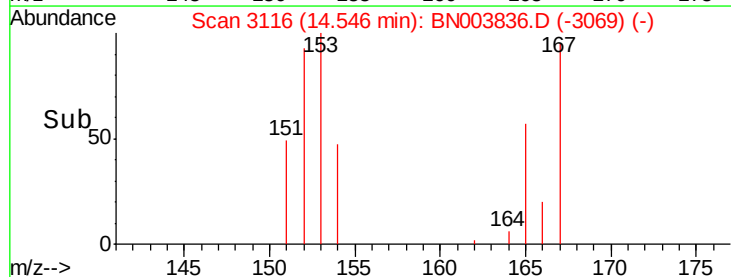
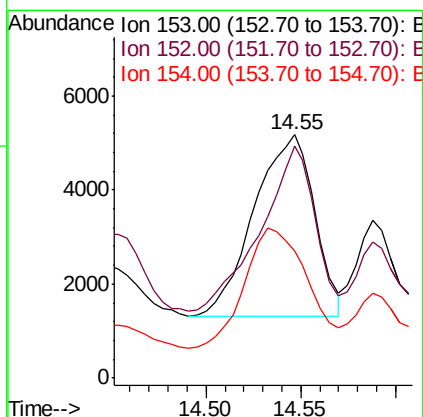
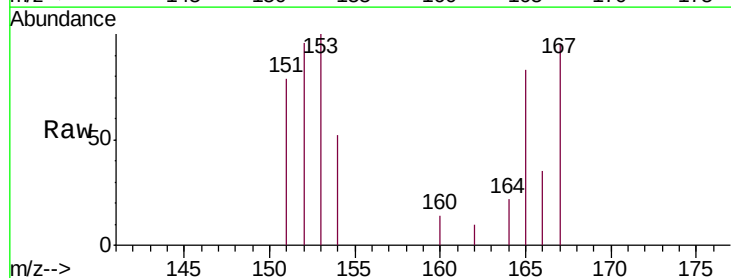
Tgt Ion:153 Resp: 8553

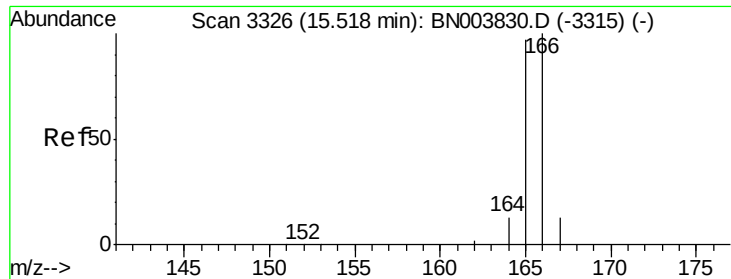
Ion Ratio Lower Upper

153 100

152 95.5 39.3 58.9#

154 52.4 70.3 105.5#





#9

Fluorene

Concen: 0.301 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

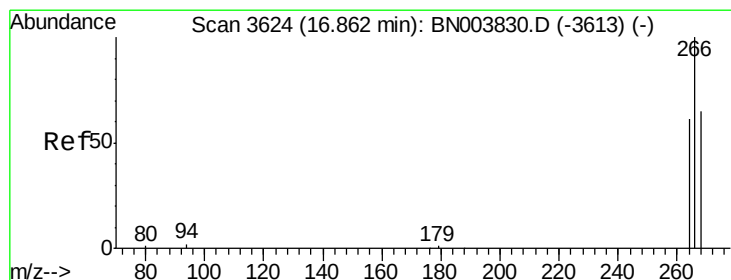
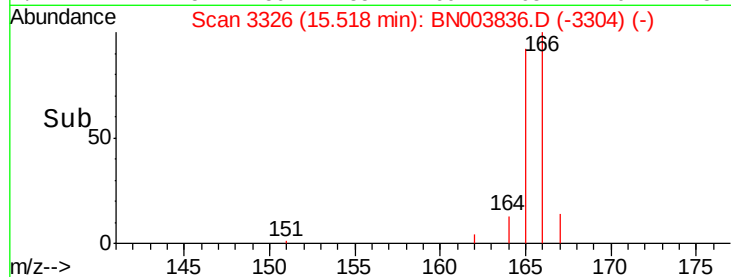
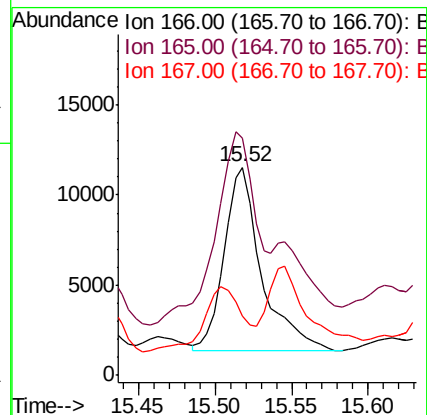
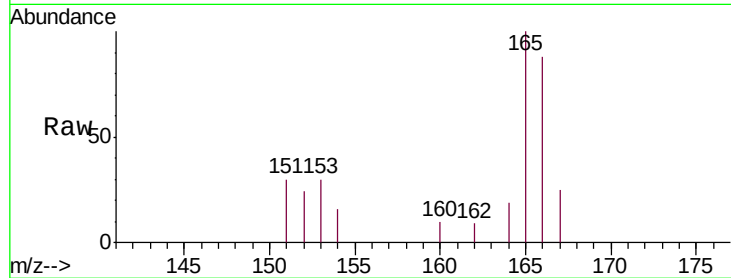
Tgt Ion:166 Resp: 17050

Ion Ratio Lower Upper

166 100

165 114.1 78.3 117.5

167 28.2 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.069 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

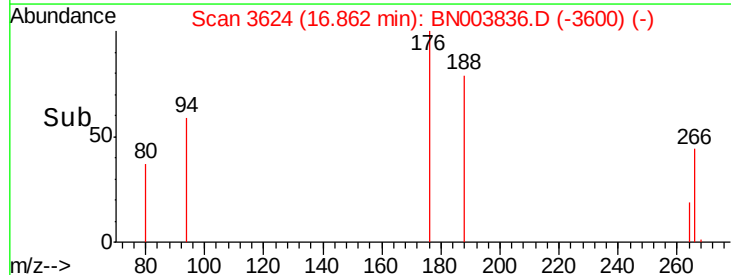
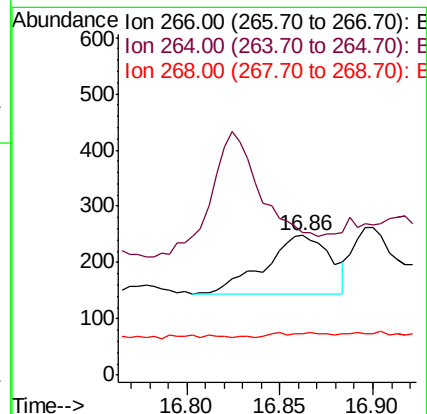
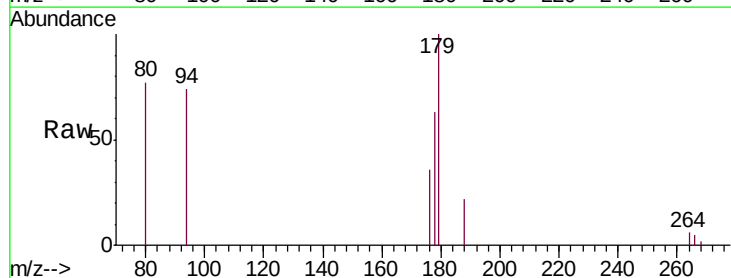
Tgt Ion:266 Resp: 256

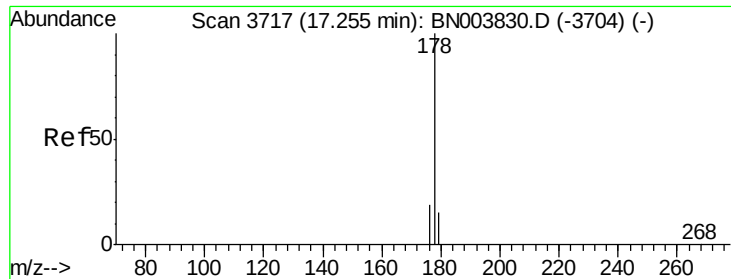
Ion Ratio Lower Upper

266 100

264 0.0 49.4 74.2#

268 5.9 51.7 77.5#





#12

Phenanthrene

Concen: 0.543 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

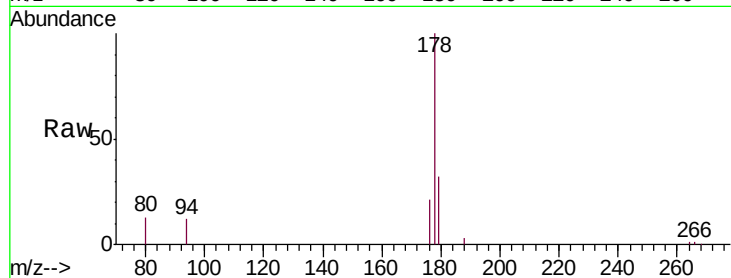
Tgt Ion:178 Resp: 36658

Ion Ratio Lower Upper

178 100

179 32.4 12.5 18.7#

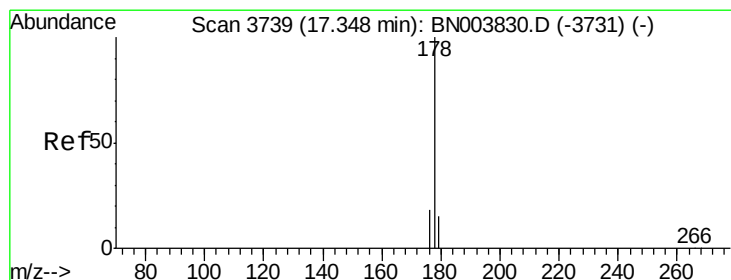
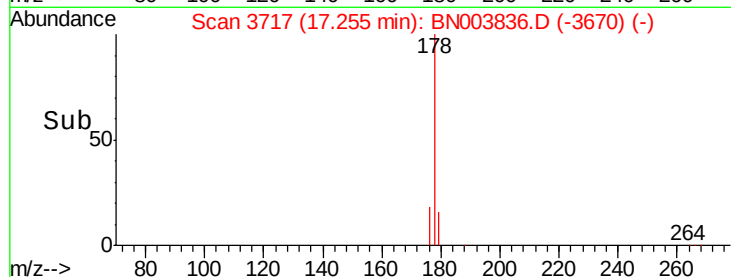
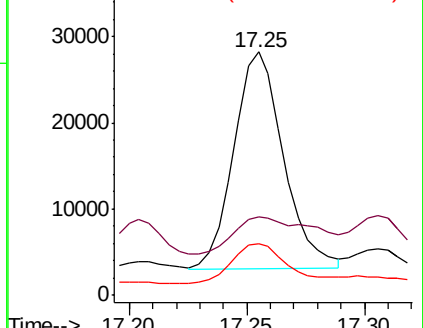
176 21.4 15.0 22.4



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: 0.027 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

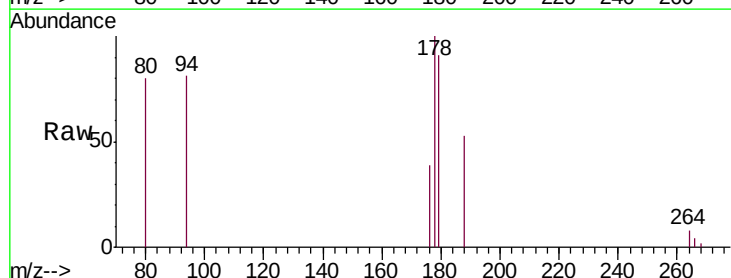
Tgt Ion:178 Resp: 1481

Ion Ratio Lower Upper

178 100

179 90.6 12.3 18.5#

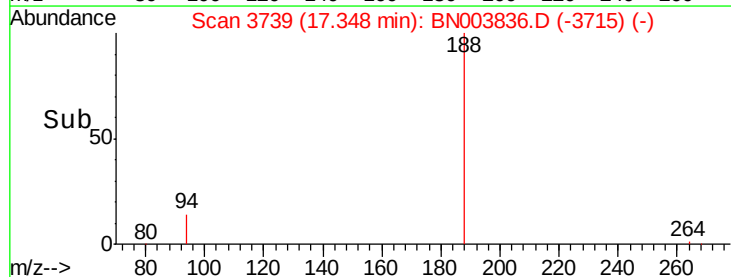
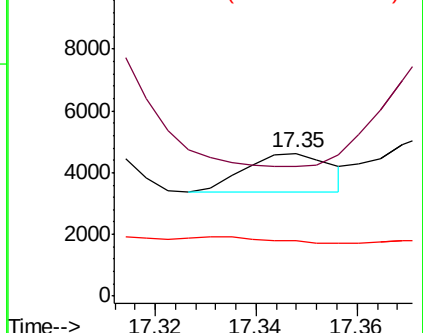
176 39.0 14.8 22.2#

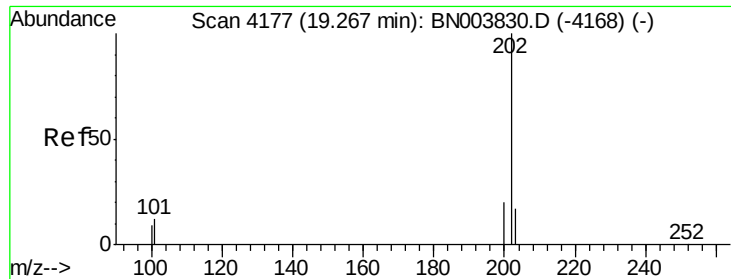


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.105 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

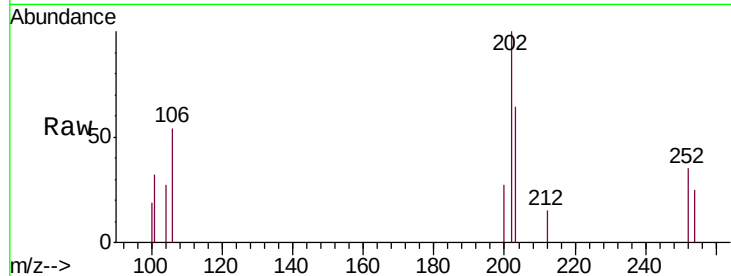
Tgt Ion:202 Resp: 8344

Ion Ratio Lower Upper

202 100

101 31.9 0.0 30.7#

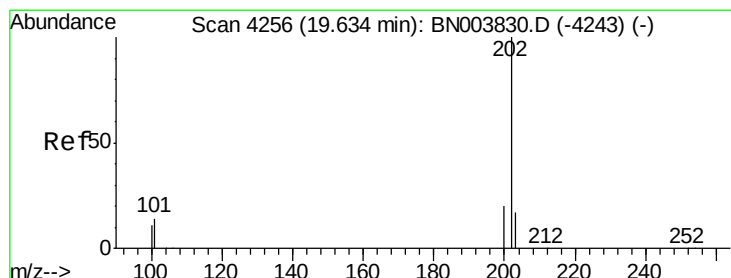
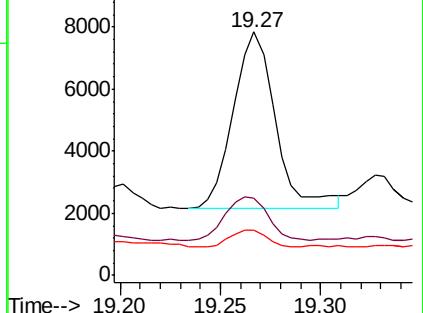
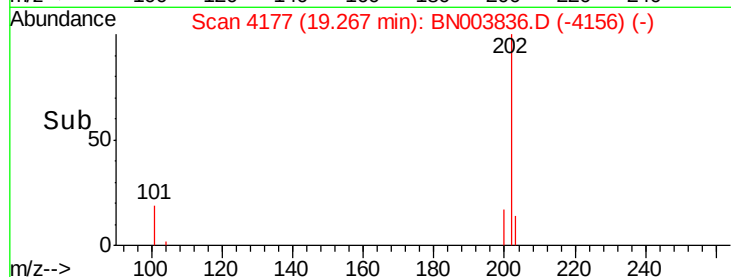
100 18.7 0.0 28.1



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: 0.369 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

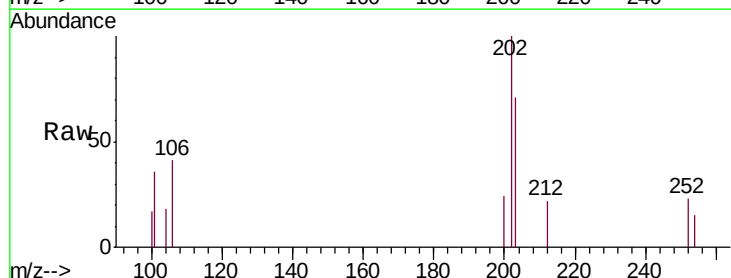
Tgt Ion:202 Resp: 17582

Ion Ratio Lower Upper

202 100

101 36.0 10.3 15.5#

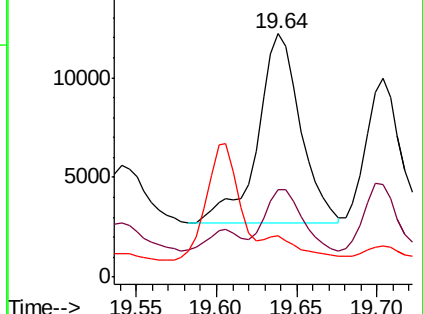
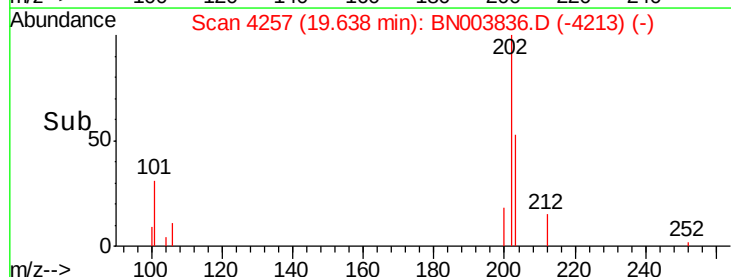
100 16.7 8.5 12.7#

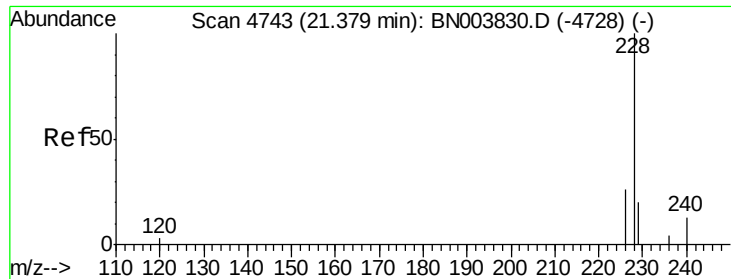


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.050 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

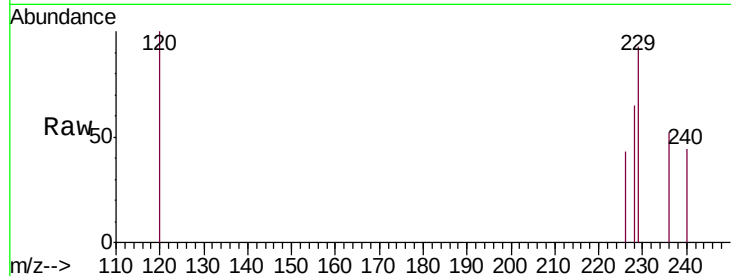
Tgt Ion:228 Resp: 2106

Ion Ratio Lower Upper

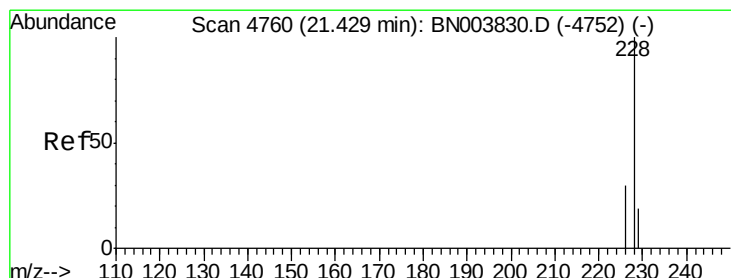
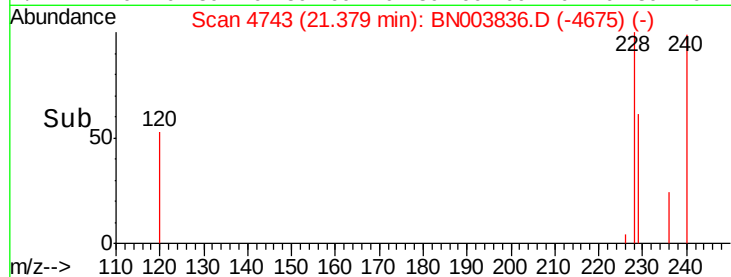
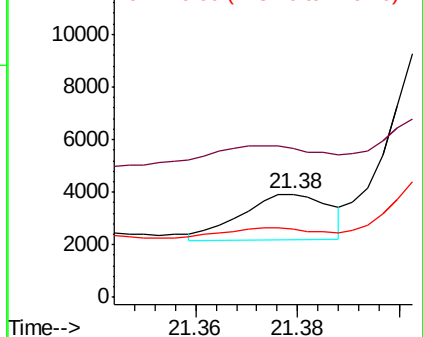
228 100

229 144.2 15.6 23.4#

226 66.3 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: 0.484 ng/ul

RT: 21.41 min Scan# 4753

Delta R.T. -0.02 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

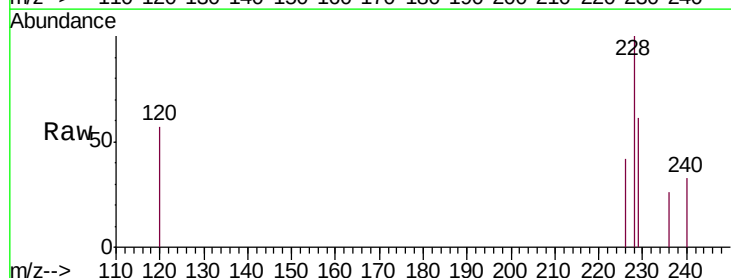
Tgt Ion:228 Resp: 23246

Ion Ratio Lower Upper

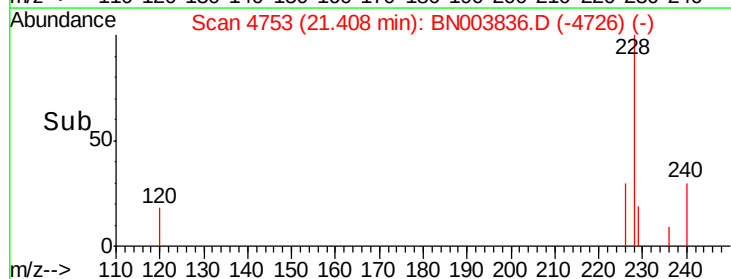
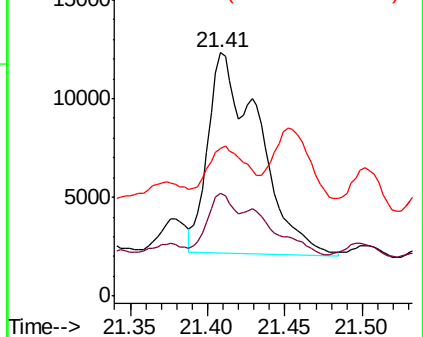
228 100

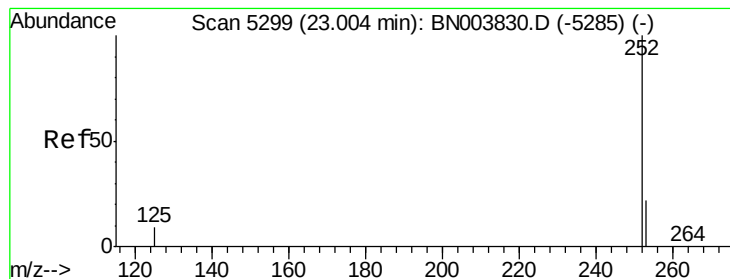
226 42.4 24.0 36.0#

229 60.7 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: 0.067 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

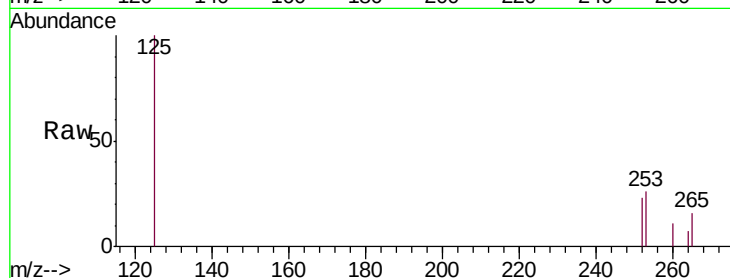
Tgt Ion:252 Resp: 4016

Ion Ratio Lower Upper

252 100

253 113.1 0.0 46.0#

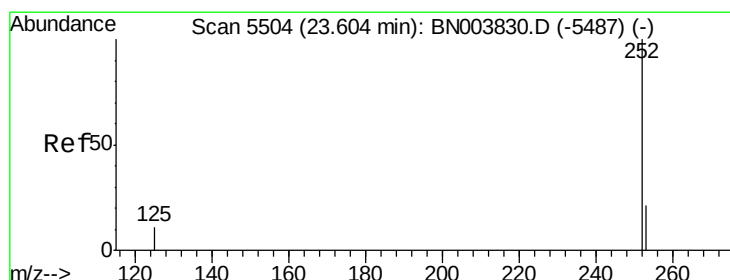
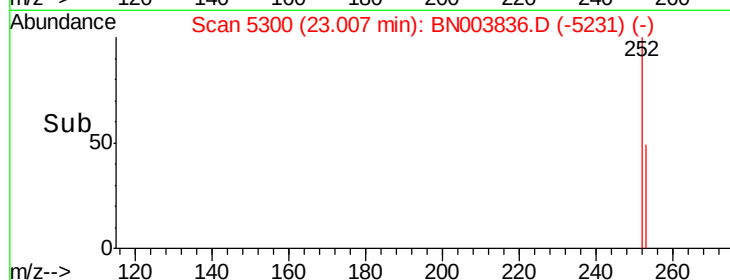
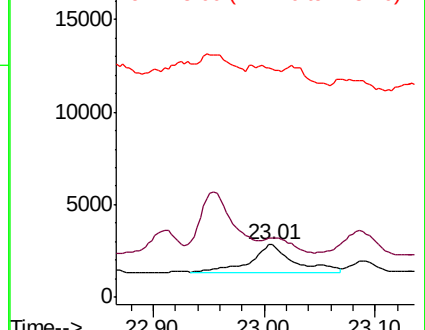
125 433.3 0.0 22.4#



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: 0.022 ng/ul

RT: 23.61 min Scan# 5505

Delta R.T. 0.00 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

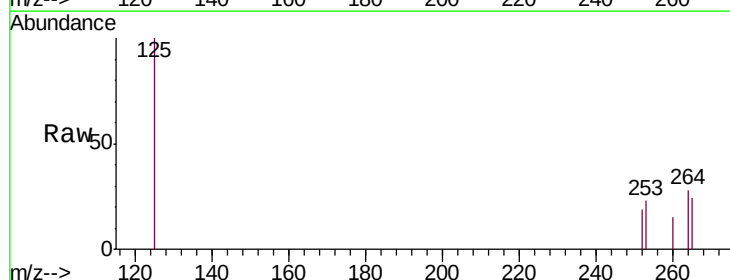
Tgt Ion:252 Resp: 1125

Ion Ratio Lower Upper

252 100

253 119.1 19.0 28.4#

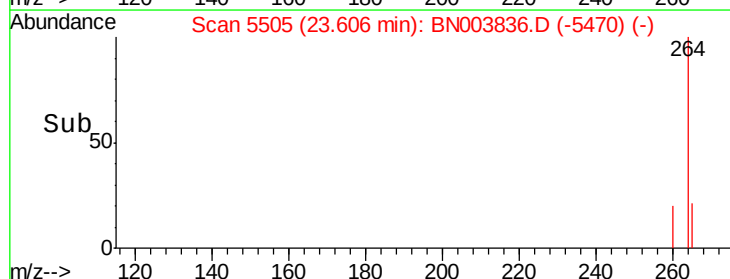
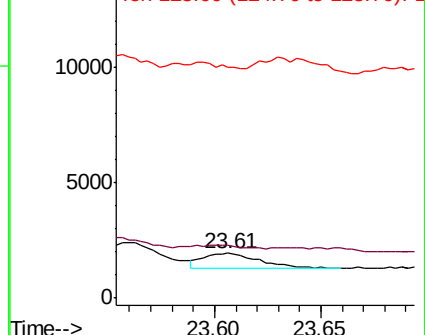
125 514.3 10.2 15.4#

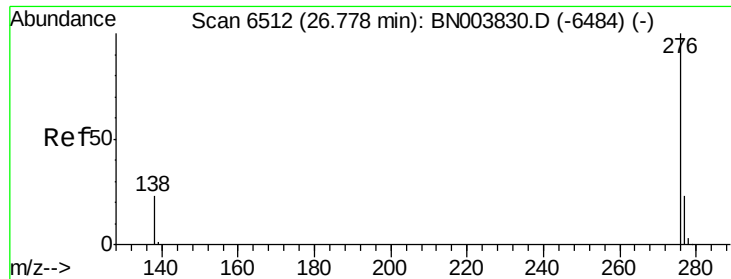


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.032 ng/ul

RT: 26.78 min Scan# 6514

Delta R.T. 0.01 min

Lab File: BN003836.D

Acq: 12 Dec 2018 03:47

Instrument :

BNA_N

ClientSampleId :

F9Y08

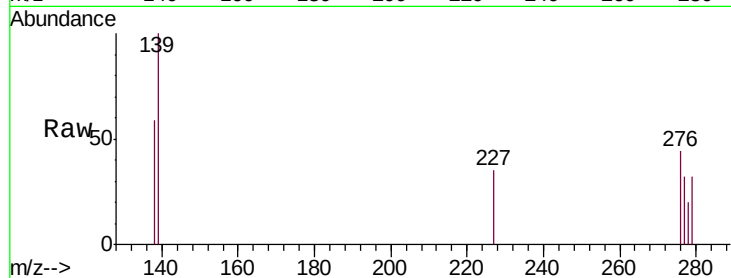
Tgt Ion: 276 Resp: 1641

Ion Ratio Lower Upper

276 100

138 133.7 17.7 26.5#

277 73.4 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

2000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

