

Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y10

Quant Time: Dec 15 23:08:04 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14447	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18022	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	17550	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2118	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	6414	0.15	ng/ul	0.00

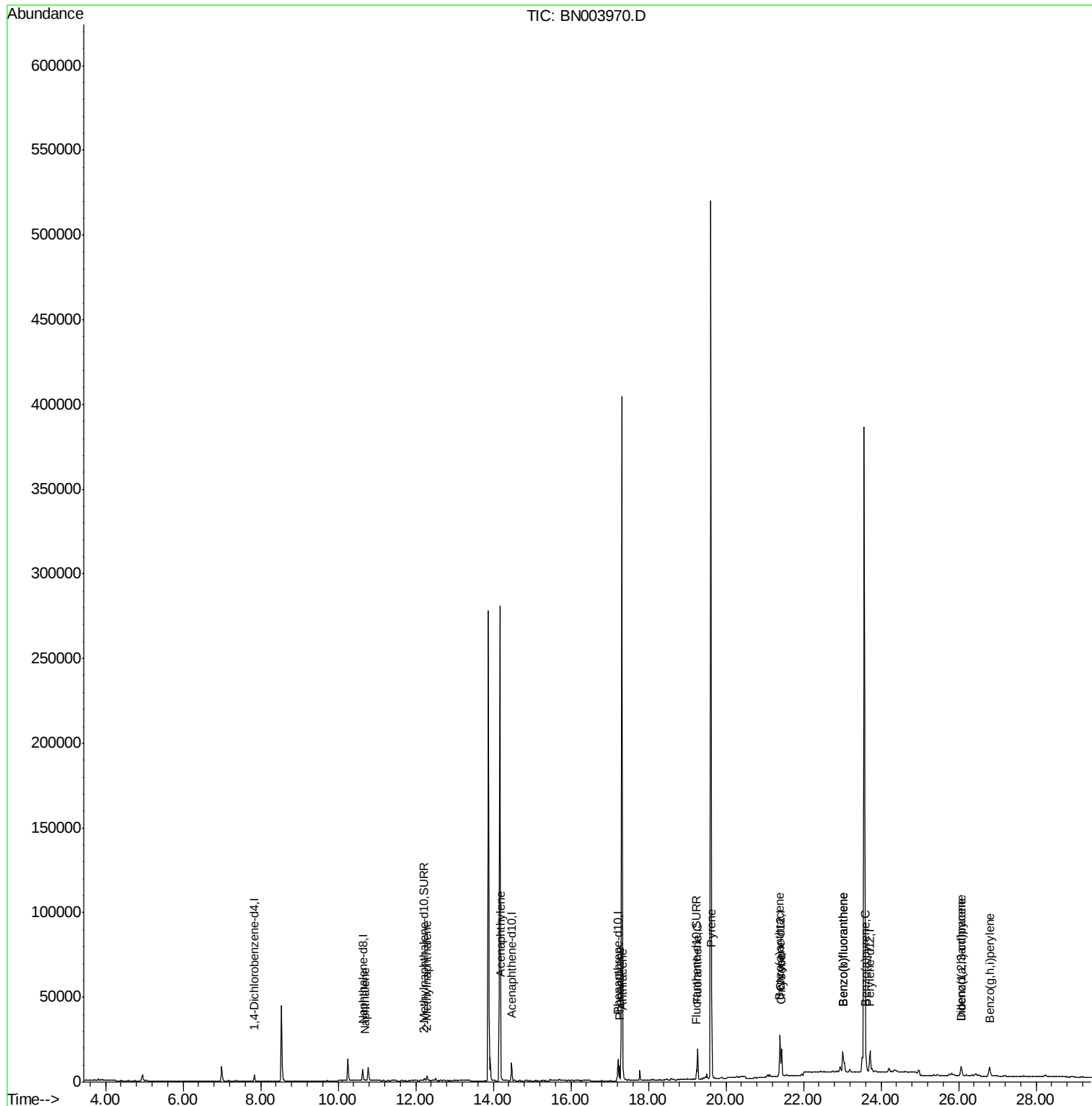
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1291	0.048	ng/ul#	83
5) 2-Methylnaphthalene	12.29	142	2262	0.121	ng/ul	100
7) Acenaphthylene	14.19	152	1927	0.075	ng/ul#	88
12) Phenanthrene	17.26	178	9494	0.200	ng/ul	97
13) Anthracene	17.35	178	2820	0.072	ng/ul#	90
15) Fluoranthene	19.27	202	14637	0.261	ng/ul	94
17) Pyrene	19.64	202	19885	0.308	ng/ul	97
18) Benzo(a)anthracene	21.38	228	10096	0.177	ng/ul#	84
19) Chrysene	21.44	228	16698	0.256	ng/ul#	90
21) Benzo(b)fluoranthene	23.01	252	25863	0.356	ng/ul#	73
22) Benzo(k)fluoranthene	23.01	252	25781	0.365	ng/ul#	73
23) Benzo(a)pyrene	23.61	252	9599	0.153	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.07	276	9186	0.127	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.08	278	2612	0.045	ng/ul#	1
26) Benzo(g,h,i)perylene	26.80	276	11518	0.184	ng/ul#	80

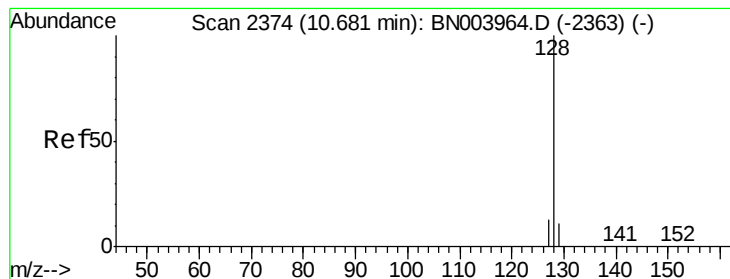
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

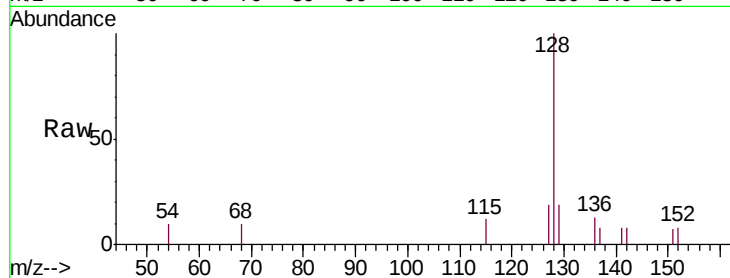
Tgt Ion:128 Resp: 1291

Ion Ratio Lower Upper

128 100

129 19.1 9.0 13.6#

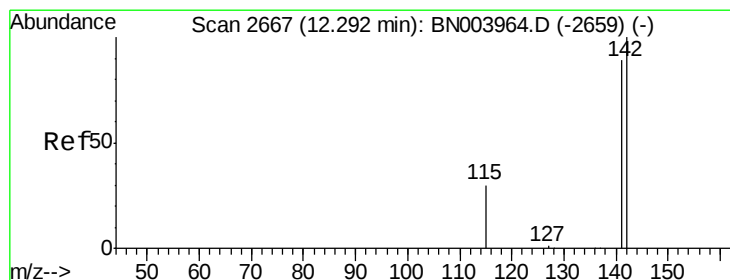
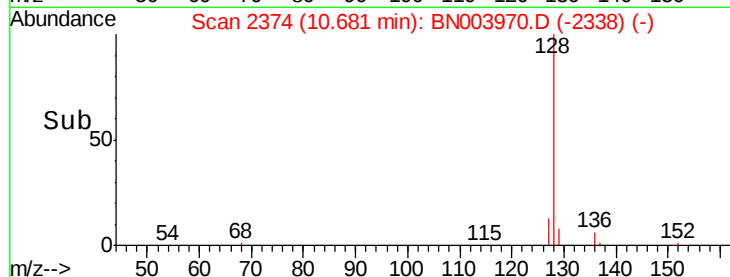
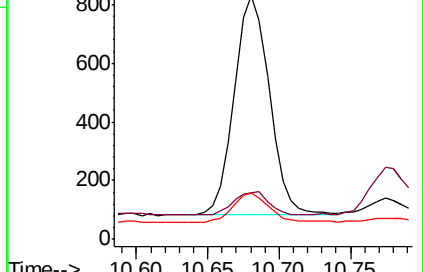
127 19.1 10.5 15.7#



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: 0.121 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003970.D

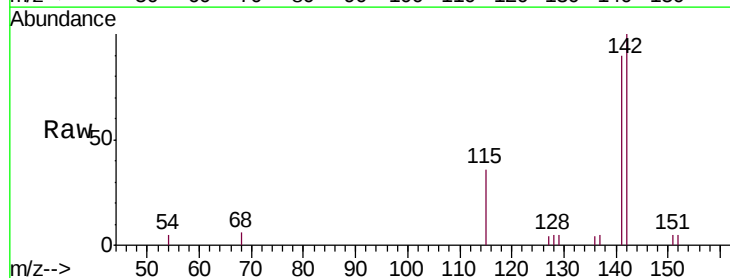
Acq: 15 Dec 2018 22:10

Tgt Ion:142 Resp: 2262

Ion Ratio Lower Upper

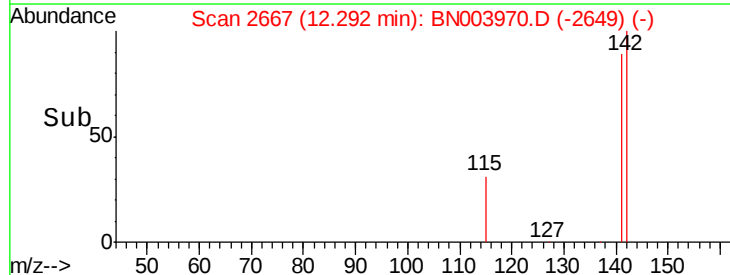
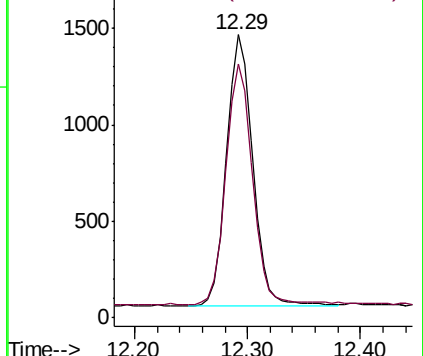
142 100

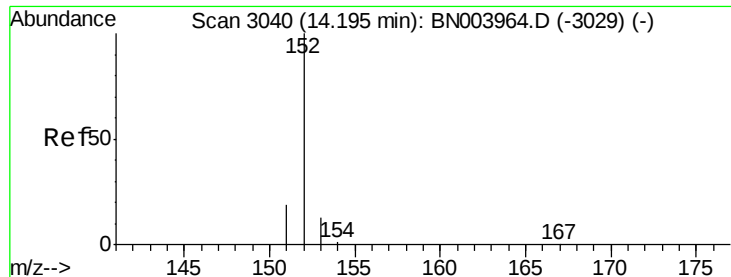
141 89.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

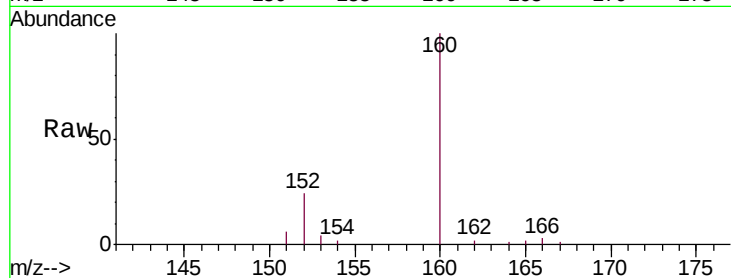
Tgt Ion:152 Resp: 1927

Ion Ratio Lower Upper

152 100

151 25.1 15.9 23.9#

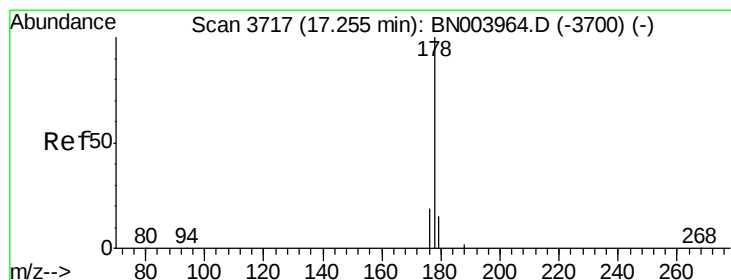
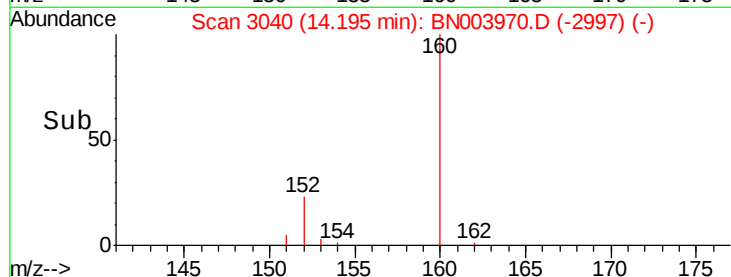
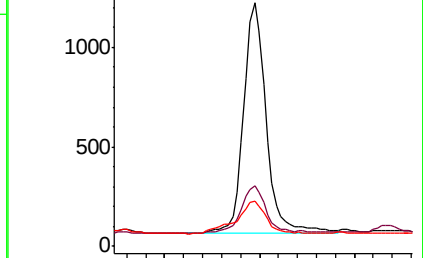
153 18.3 10.7 16.1#



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



#12

Phenanthrene

Concen: 0.200 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

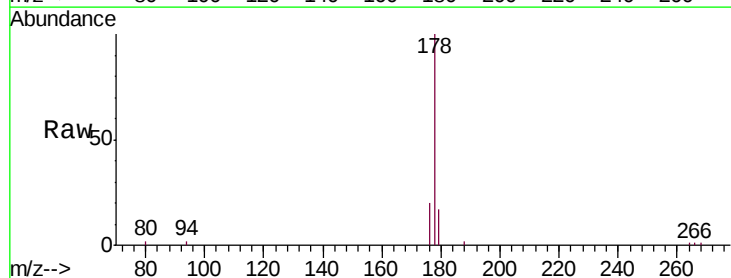
Tgt Ion:178 Resp: 9494

Ion Ratio Lower Upper

178 100

179 17.2 12.5 18.7

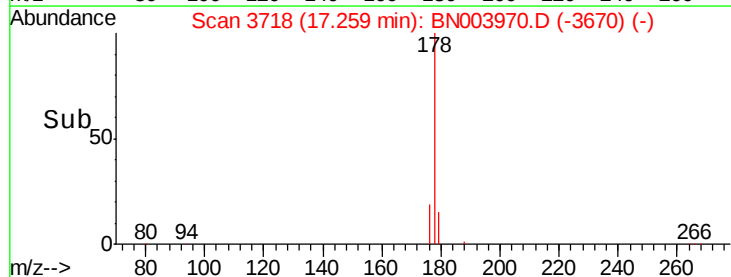
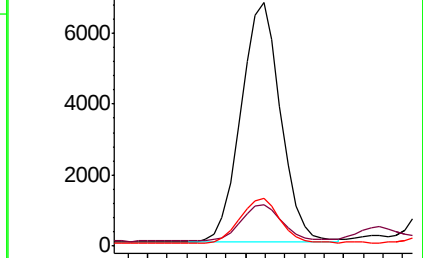
176 19.7 15.0 22.4

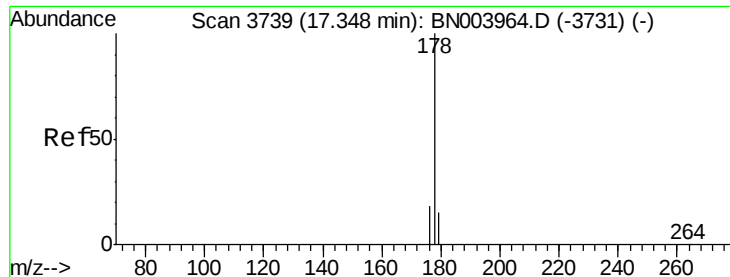


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.072 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

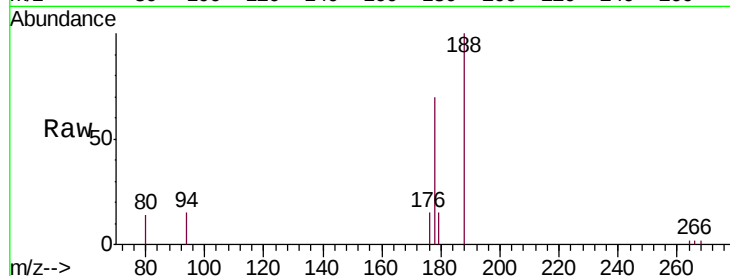
Tgt Ion:178 Resp: 2820

Ion Ratio Lower Upper

178 100

179 21.5 12.3 18.5#

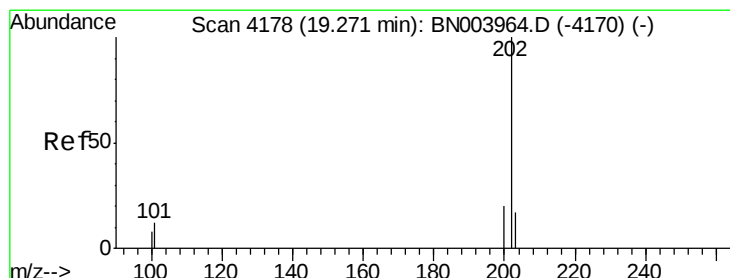
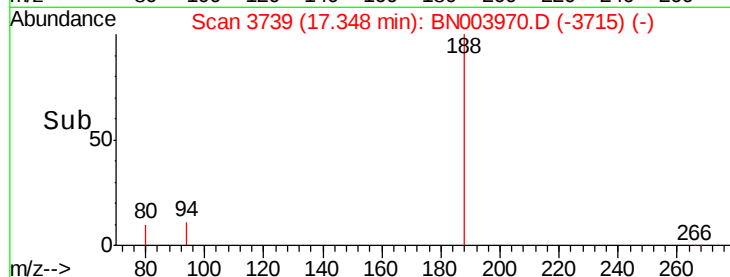
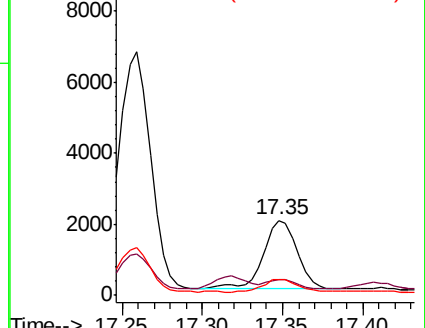
176 21.4 14.8 22.2



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: 0.261 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

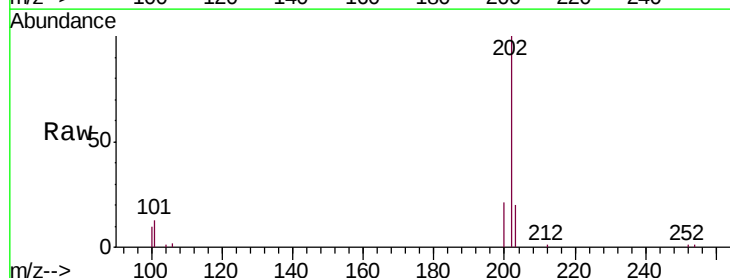
Tgt Ion:202 Resp: 14637

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.7

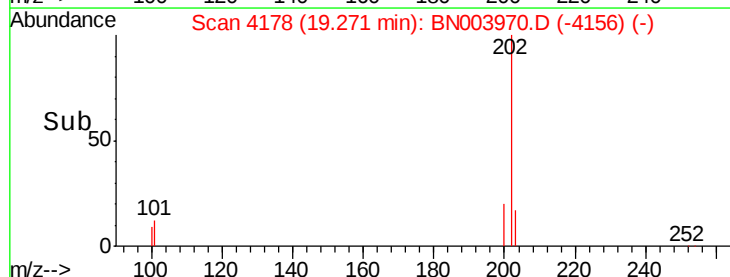
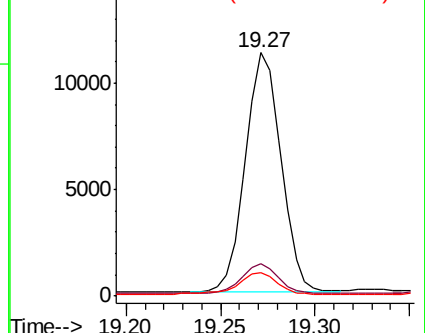
100 9.7 0.0 28.1

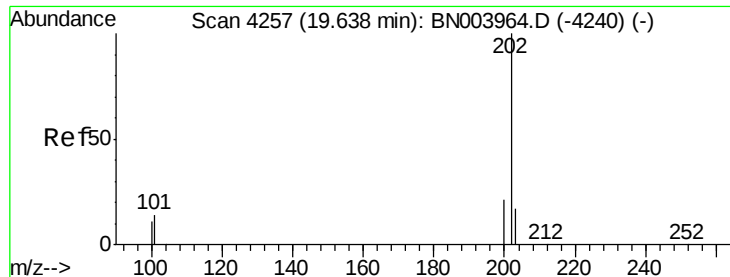


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.308 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

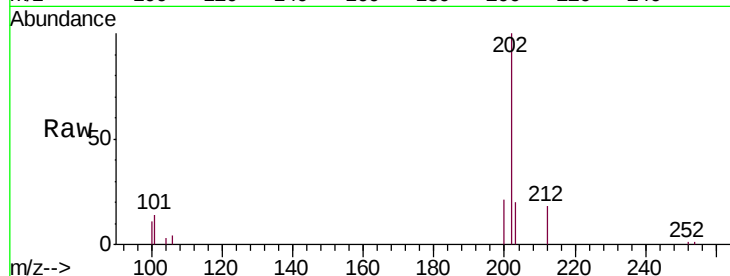
Tgt Ion:202 Resp: 19885

Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

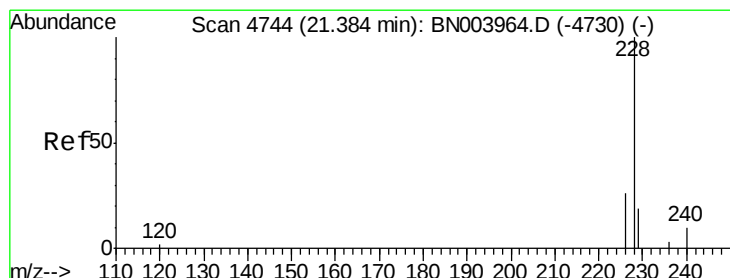
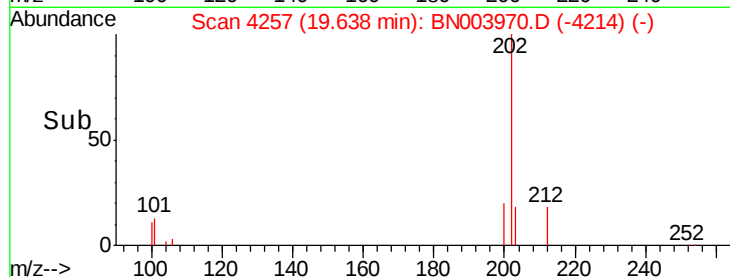
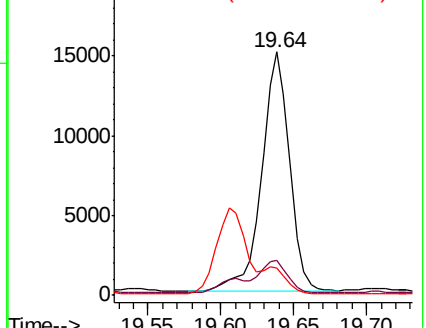
100 11.3 8.5 12.7



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: 0.177 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

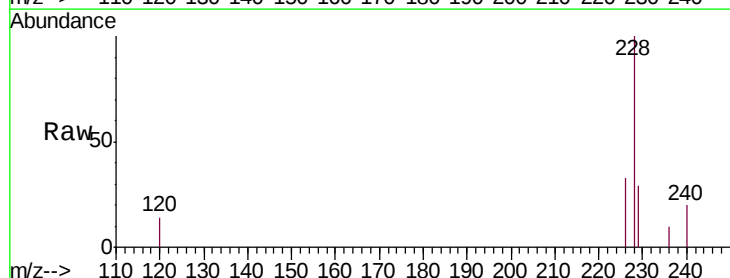
Tgt Ion:228 Resp: 10096

Ion Ratio Lower Upper

228 100

229 29.4 15.6 23.4#

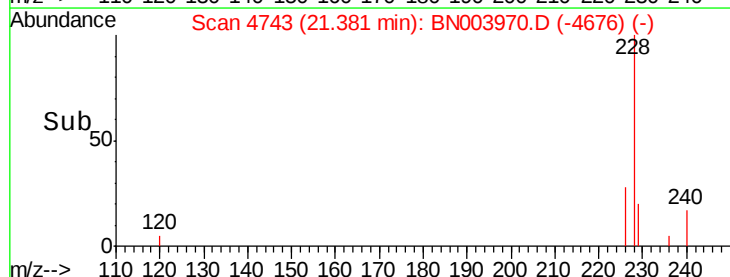
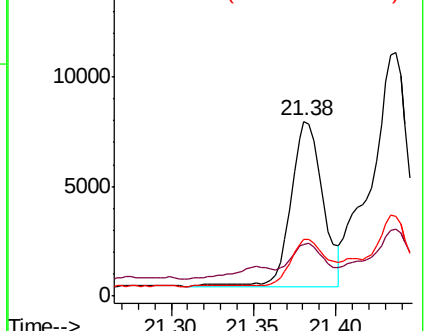
226 32.5 21.1 31.7#

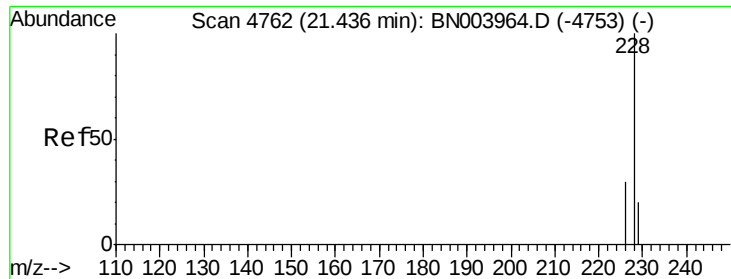


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.256 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

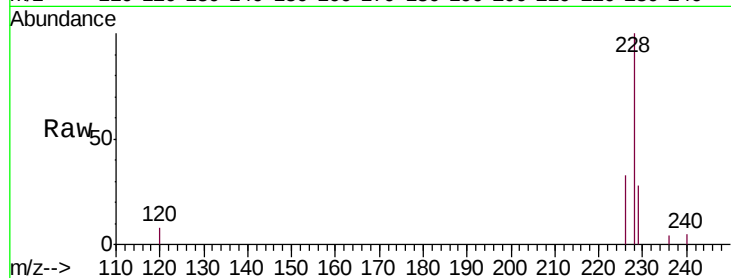
Tgt Ion:228 Resp: 16698

Ion Ratio Lower Upper

228 100

226 33.0 24.0 36.0

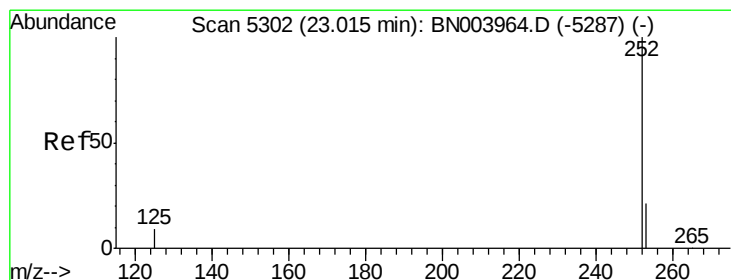
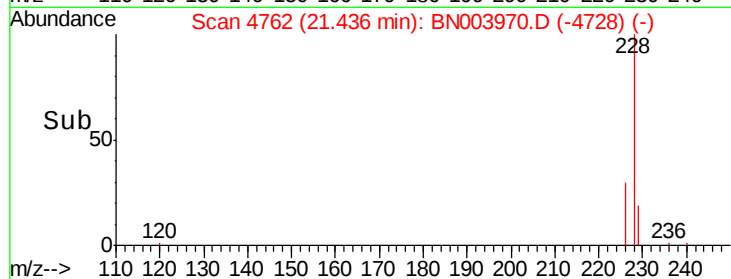
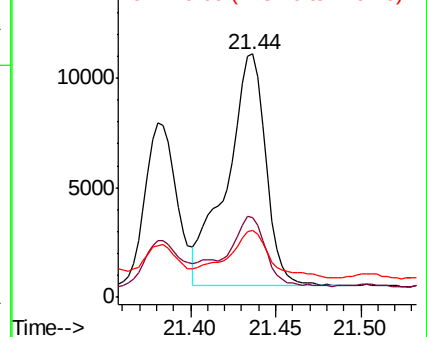
229 27.6 15.7 23.5#



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: 0.356 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

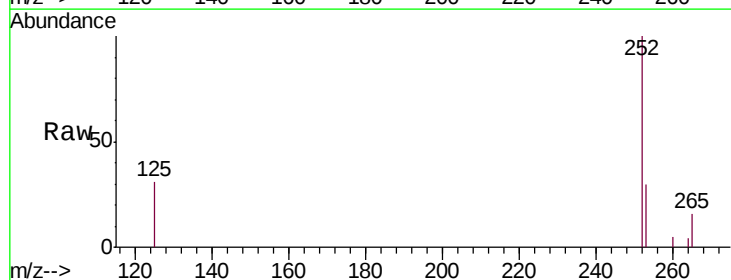
Tgt Ion:252 Resp: 25863

Ion Ratio Lower Upper

252 100

253 29.9 0.0 46.0

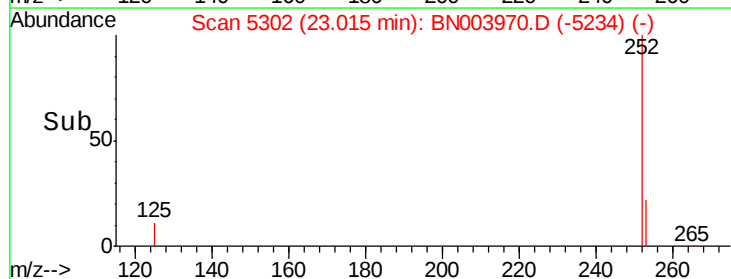
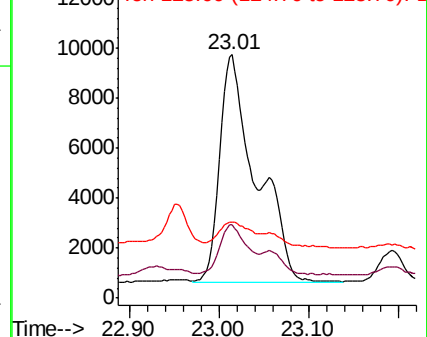
125 31.4 0.0 22.4#

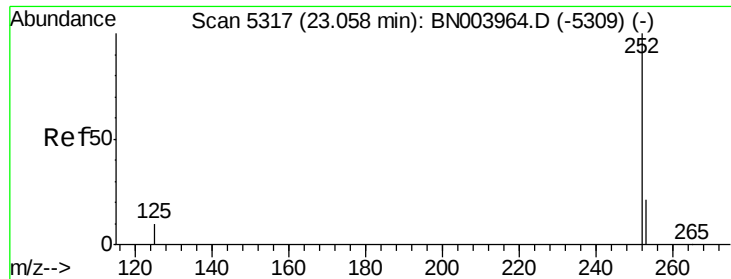


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.365 ng/u1

RT: 23.01 min Scan# 5302

Delta R.T. -0.04 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

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F9Y10

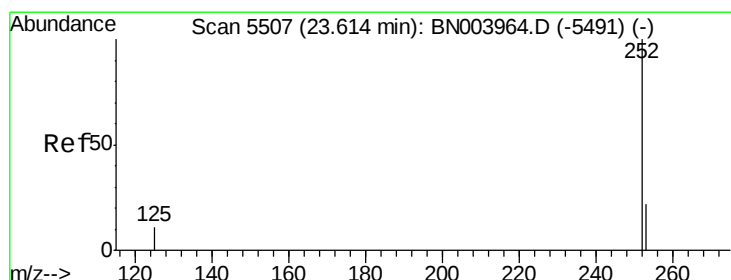
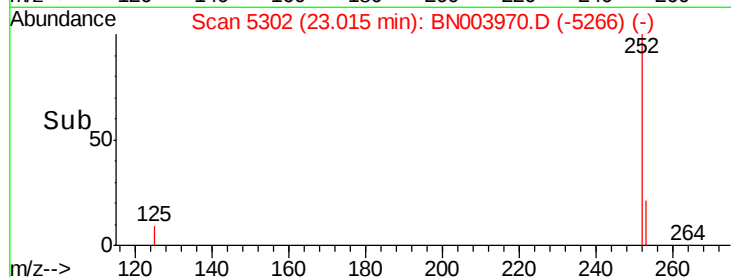
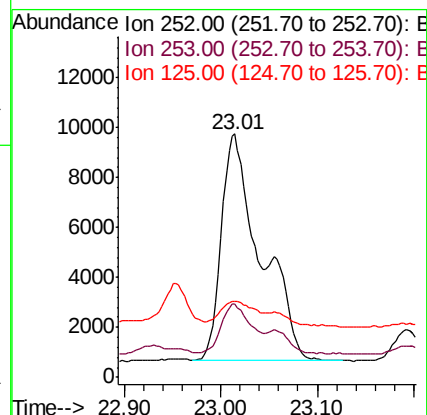
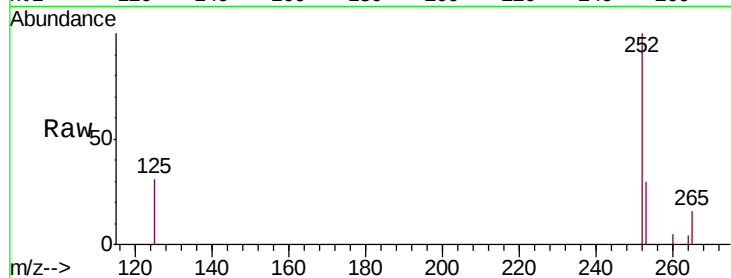
Tgt Ion:252 Resp: 25781

Ion Ratio Lower Upper

252 100

253 29.9 18.5 27.7#

125 31.4 9.0 13.6#



#23

Benzo(a)pyrene

Concen: 0.153 ng/u1

RT: 23.61 min Scan# 5507

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

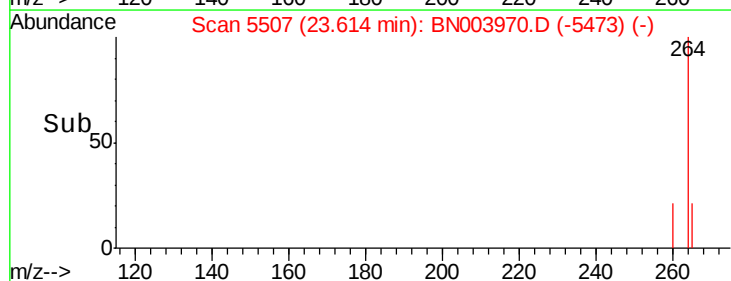
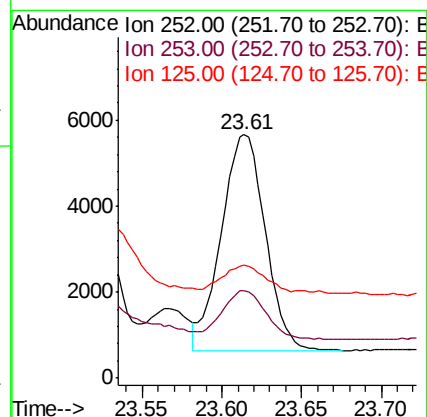
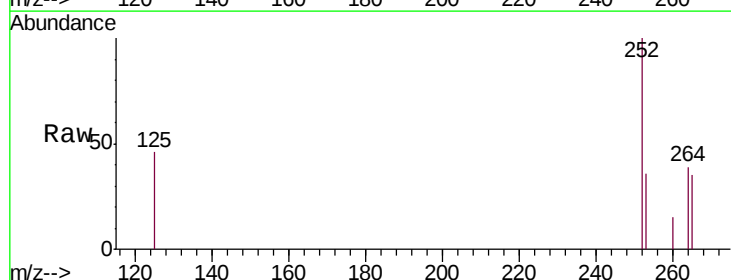
Tgt Ion:252 Resp: 9599

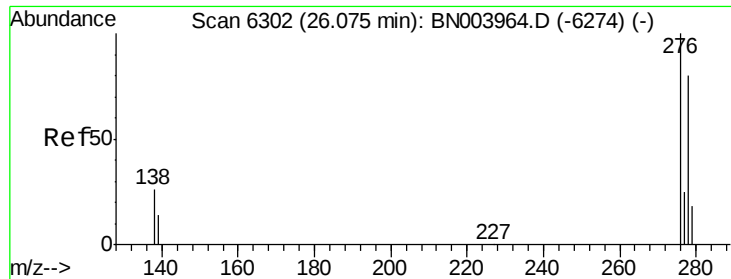
Ion Ratio Lower Upper

252 100

253 36.1 19.0 28.4#

125 46.3 10.2 15.4#



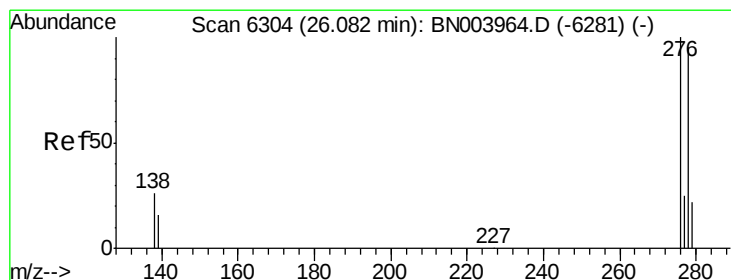
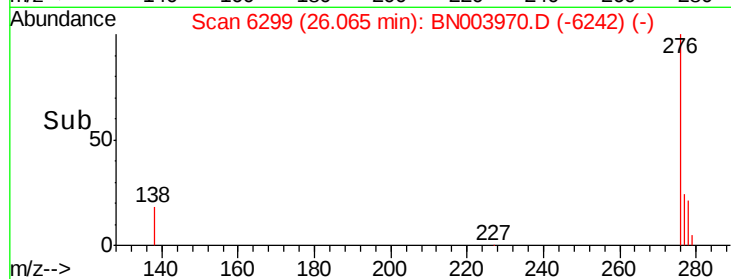
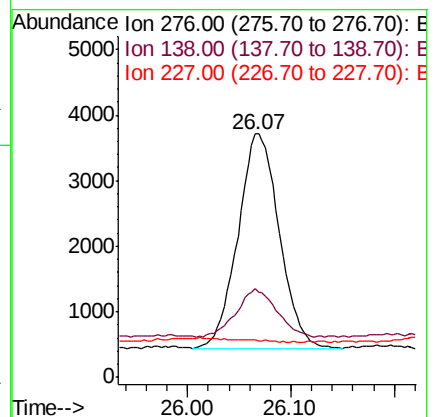
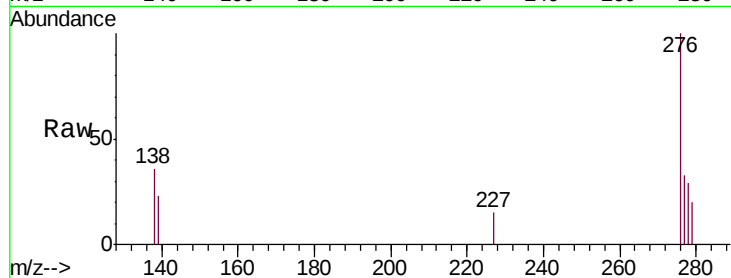


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 26.07 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

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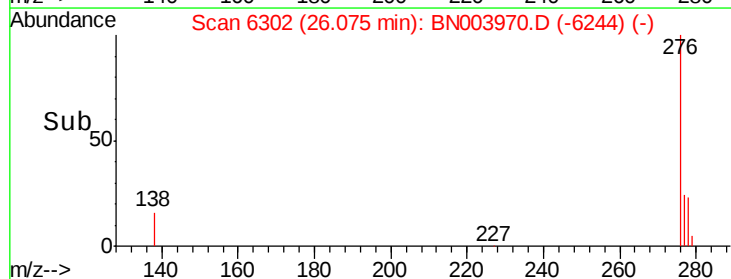
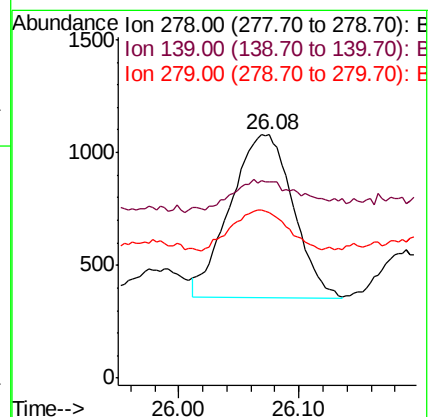
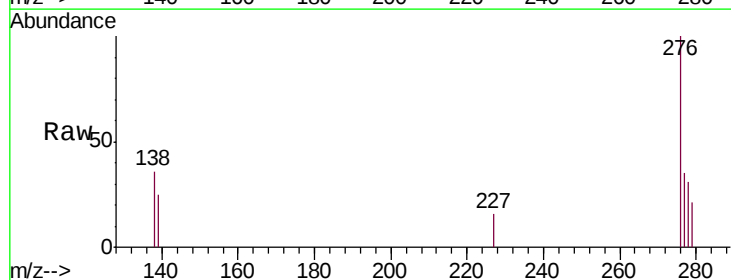
Tgt Ion: 276 Resp: 9186
Ion Ratio Lower Upper
276 100
138 21.6 20.3 30.5
227 0.0 0.2 0.2#

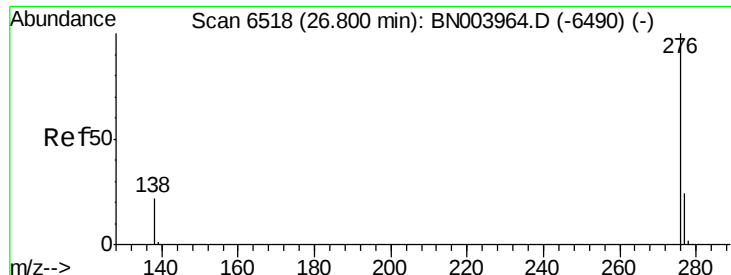


#25

Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

Tgt Ion: 278 Resp: 2612
Ion Ratio Lower Upper
278 100
139 80.8 14.2 21.4#
279 67.9 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.184 ng/ul

RT: 26.80 min Scan# 6518

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

ClientSampleId :

F9Y10

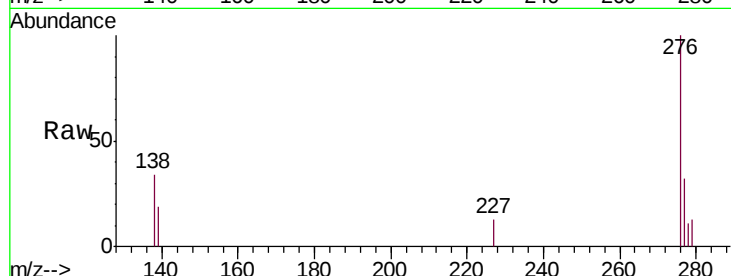
Tgt Ion: 276 Resp: 11518

Ion Ratio Lower Upper

276 100

138 33.7 17.7 26.5#

277 32.5 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

