

Data File : BN003793.D
Acq On : 11 Dec 2018 00:09
Operator : JU/SJ
Sample : J6077-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y30

Quant Time: Dec 11 04:26:54 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 : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13591	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1447055	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	256	0.40	ng/ul	0.10
20) Perylene-d12	23.82	264	1062	0.40	ng/ul	0.12

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9939	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	1228	0.00	ng/ul	0.09

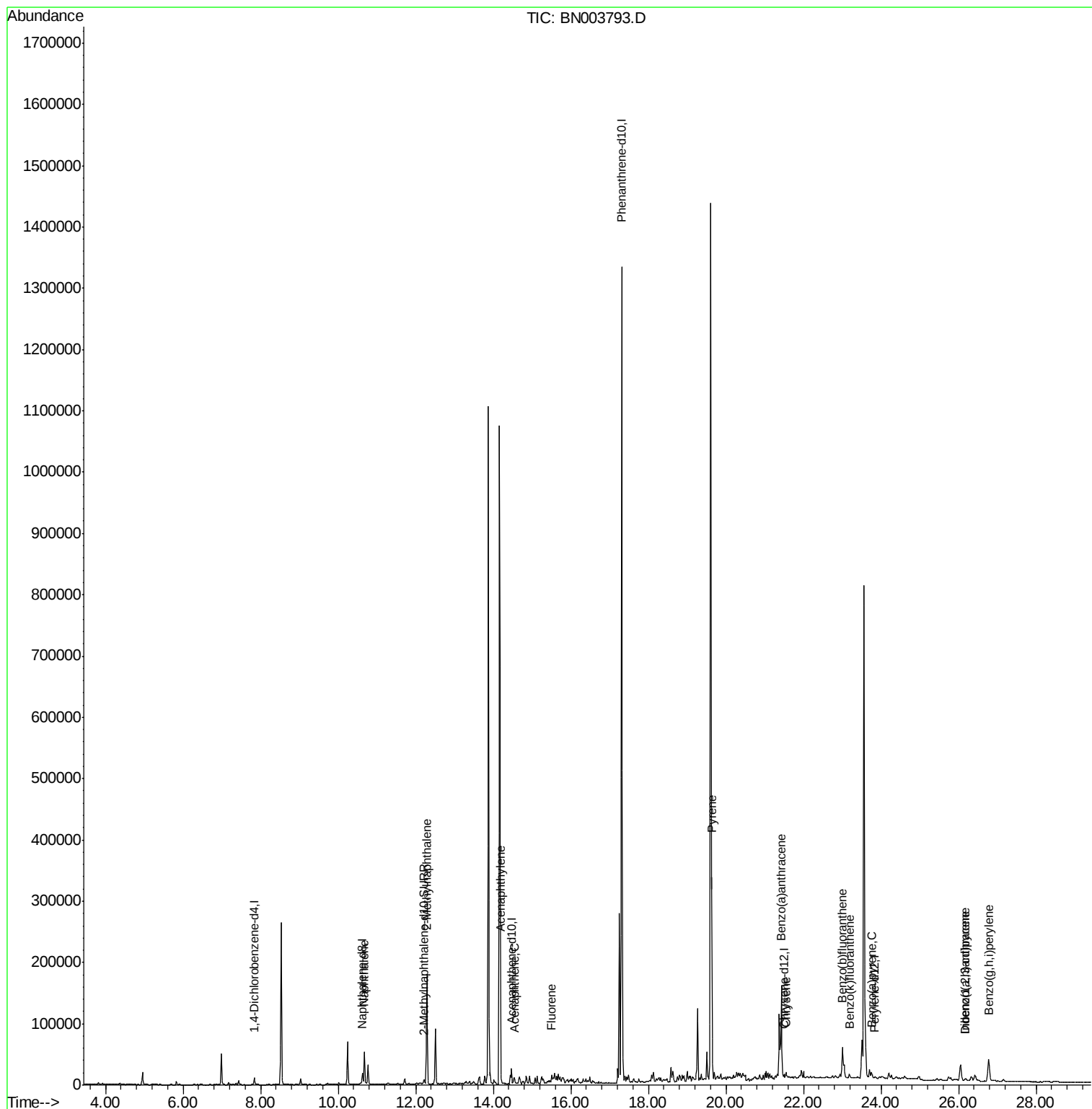
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	70908	1.029	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	124859	2.595	ng/ul	100
7) Acenaphthylene	14.19	152	6225	0.102	ng/ul#	62
8) Acenaphthene	14.53	153	7798	0.145	ng/ul	93
9) Fluorene	15.51	166	7713	0.123	ng/ul#	87
17) Pyrene	19.63	202	264549	288.127	ng/ul	99
18) Benzo(a)anthracene	21.43	228	146045	180.622	ng/ul#	91
19) Chrysene	21.55	228	7142	7.718	ng/ul#	1
21) Benzo(b)fluoranthene	23.00	252	99949	22.751	ng/ul	85
22) Benzo(k)fluoranthene	23.18	252	8968	2.095	ng/ul#	3
23) Benzo(a)pyrene	23.76	252	9191	2.416	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.17	276	1414	0.324	ng/ul#	43
25) Dibenzo(a,h)anthracene	26.17	278	4183	1.191	ng/ul#	1
26) Benzo(g,h,i)perylene	26.77	276	77530	20.448	ng/ul	93

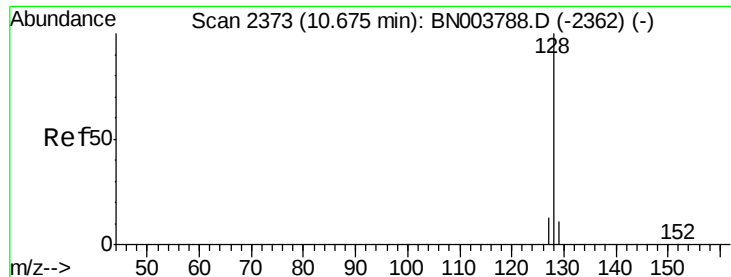
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.029 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

Instrument :

BNA_N

ClientSampleId :

F9Y30

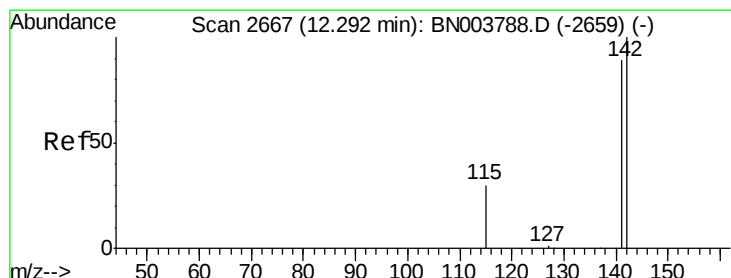
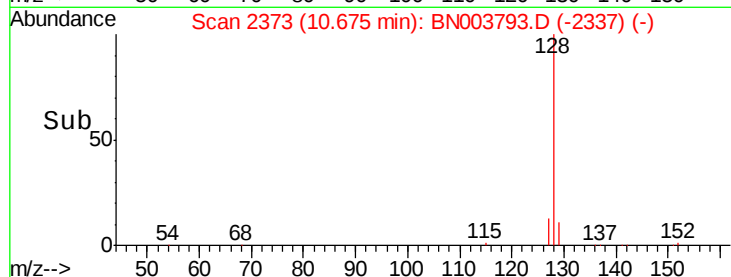
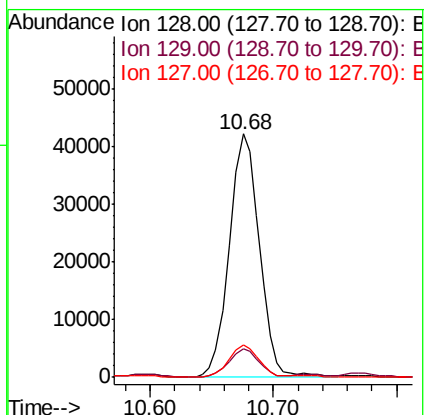
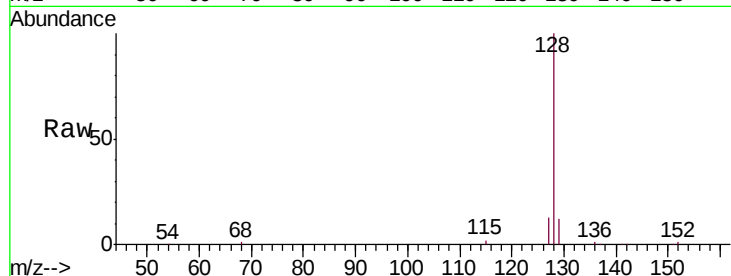
Tgt Ion:128 Resp: 70908

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 13.1 10.5 15.7



#5

2-Methylnaphthalene

Concen: 2.595 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN003793.D

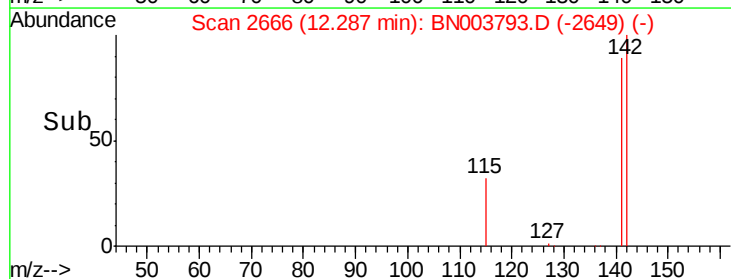
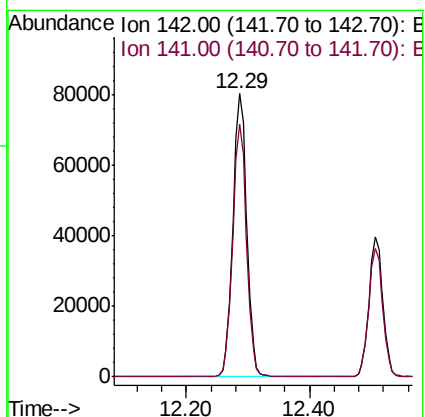
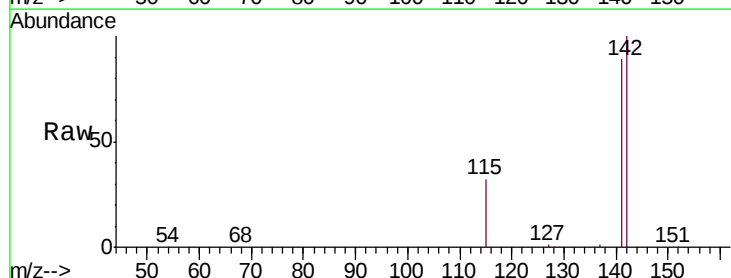
Acq: 11 Dec 2018 00:09

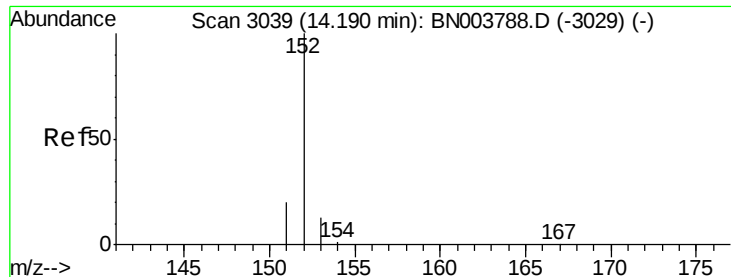
Tgt Ion:142 Resp: 124859

Ion Ratio Lower Upper

142 100

141 89.2 71.5 107.3





#7

Acenaphthylene

Concen: 0.102 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

Instrument :

BNA_N

ClientSampleId :

F9Y30

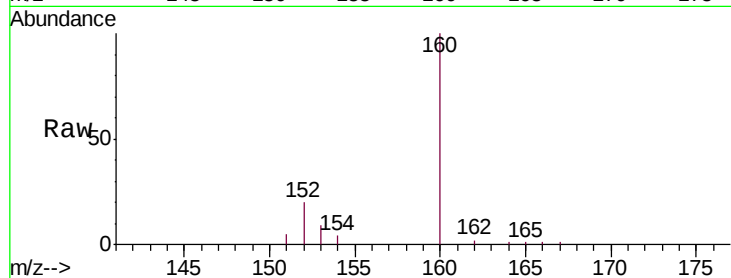
Tgt Ion:152 Resp: 6225

Ion Ratio Lower Upper

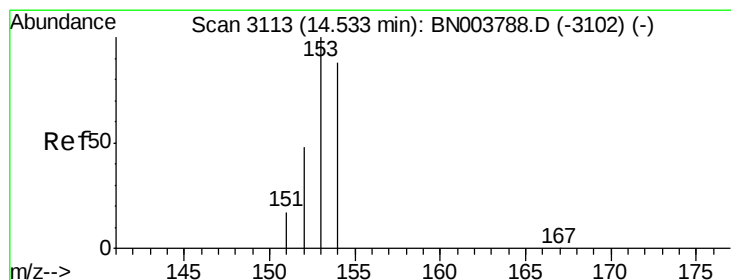
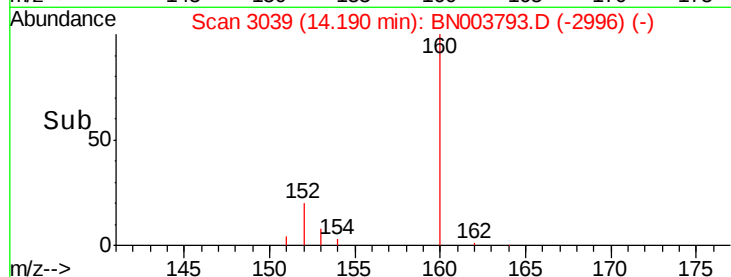
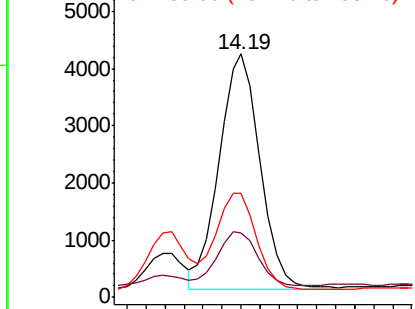
152 100

151 26.6 15.9 23.9#

153 42.6 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: 0.145 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

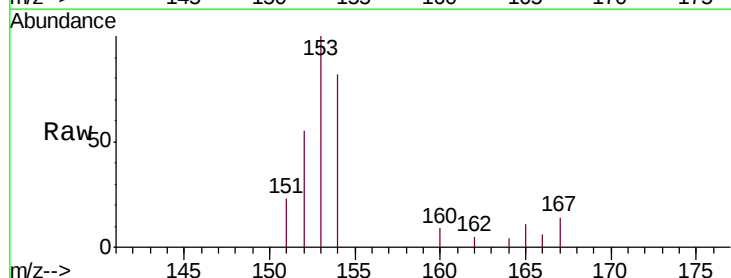
Tgt Ion:153 Resp: 7798

Ion Ratio Lower Upper

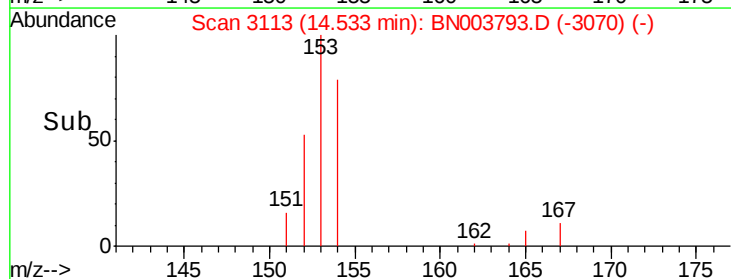
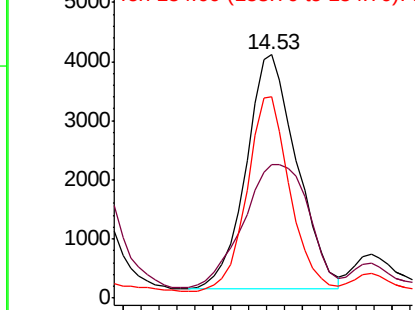
153 100

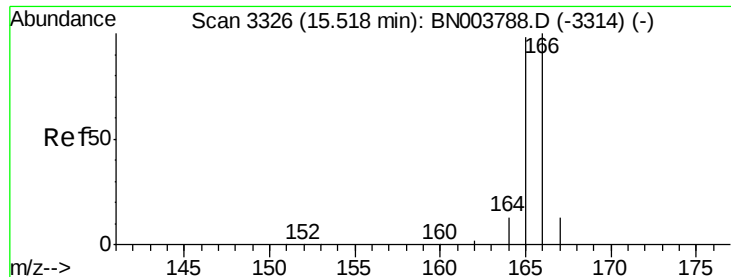
152 55.1 39.3 58.9

154 82.5 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: 0.123 ng/ul

RT: 15.51 min Scan# 3325

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

Instrument :

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ClientSampleId :

F9Y30

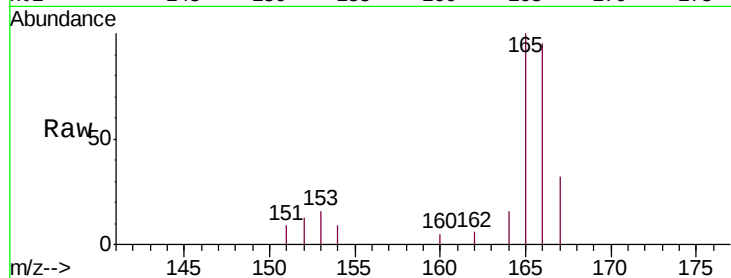
Tgt Ion:166 Resp: 7713

Ion Ratio Lower Upper

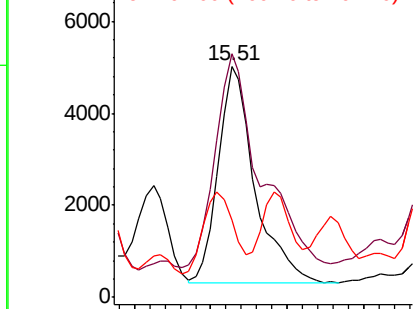
166 100

165 105.5 78.3 117.5

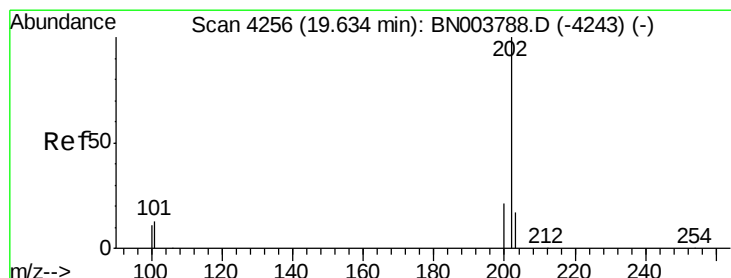
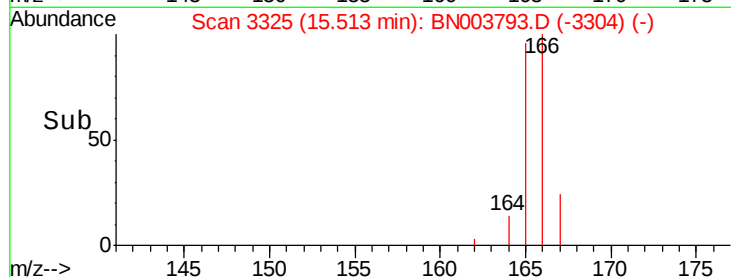
167 33.4 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 288.127 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

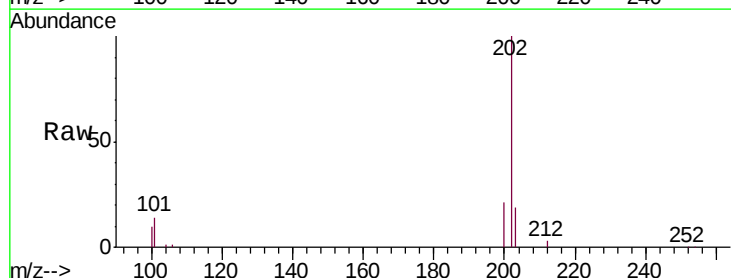
Tgt Ion:202 Resp: 264549

Ion Ratio Lower Upper

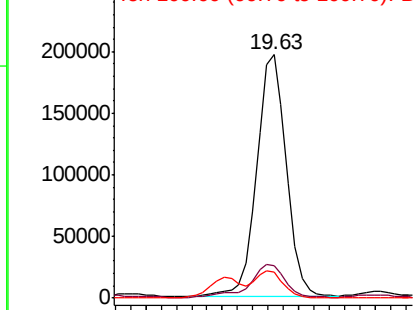
202 100

101 13.6 10.3 15.5

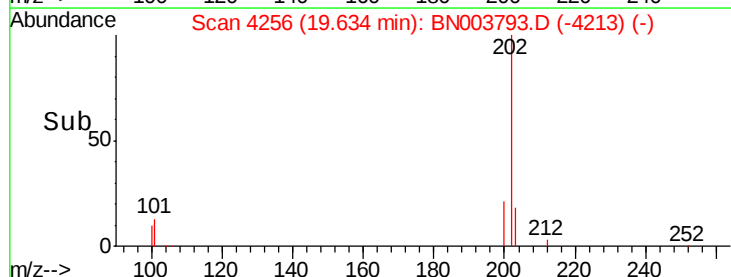
100 10.4 8.5 12.7

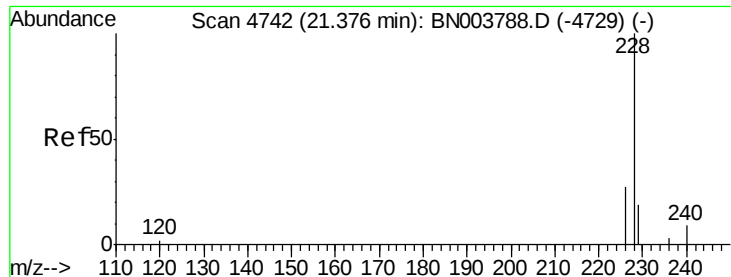


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 180.622 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.05 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

Instrument :

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F9Y30

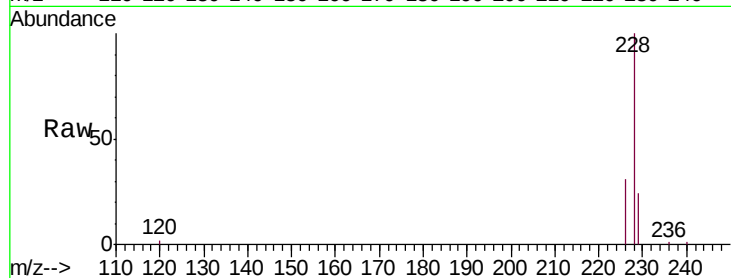
Tgt Ion:228 Resp: 146045

Ion Ratio Lower Upper

228 100

229 24.1 15.6 23.4#

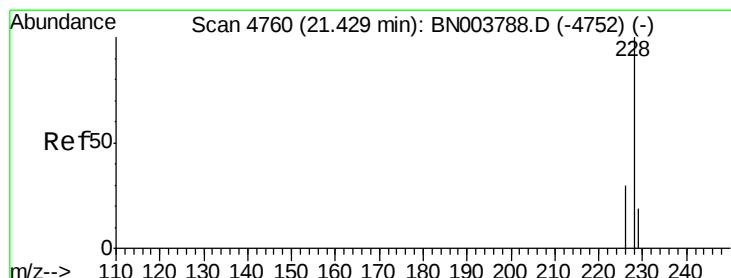
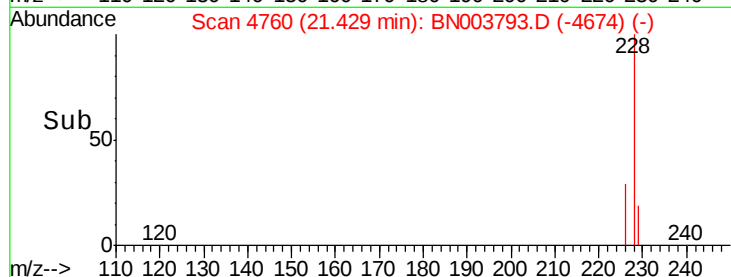
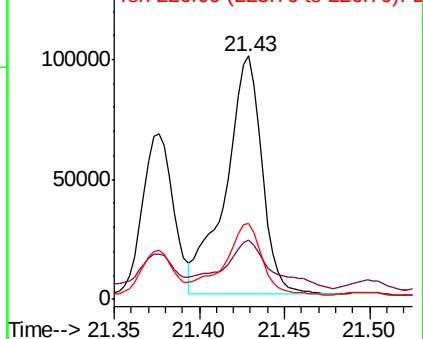
226 31.0 21.1 31.7



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: 7.718 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.12 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

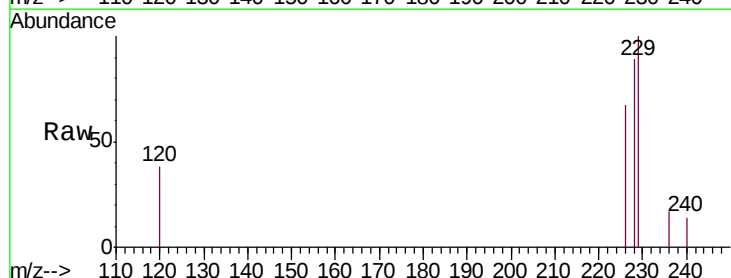
Tgt Ion:228 Resp: 7142

Ion Ratio Lower Upper

228 100

226 75.6 24.0 36.0#

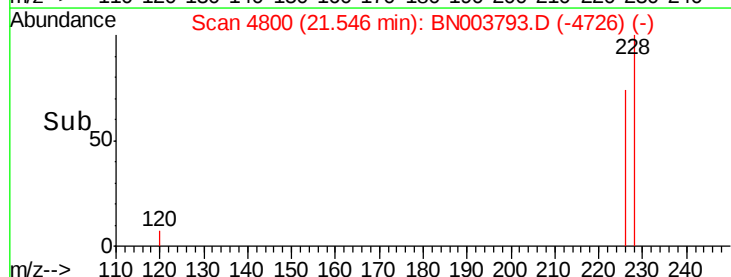
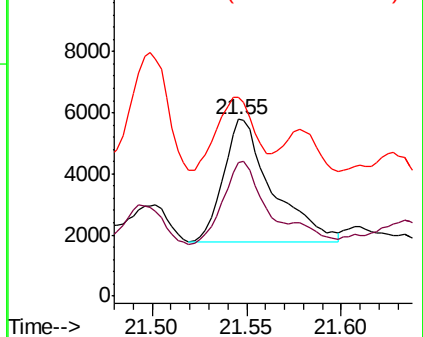
229 112.6 15.7 23.5#

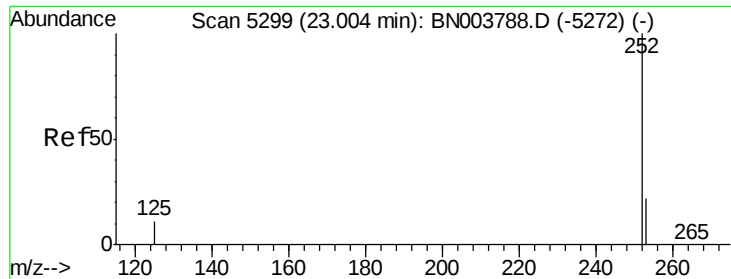


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 22.751 ng/u1

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

Instrument :

BNA_N

ClientSampleId :

F9Y30

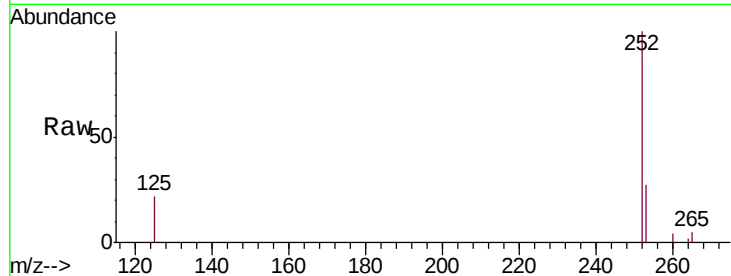
Tgt Ion:252 Resp: 99949

Ion Ratio Lower Upper

252 100

253 26.5 0.0 46.0

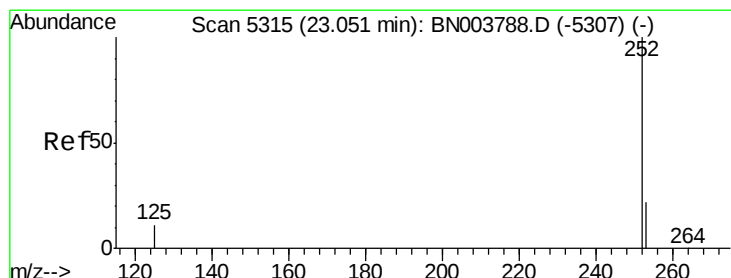
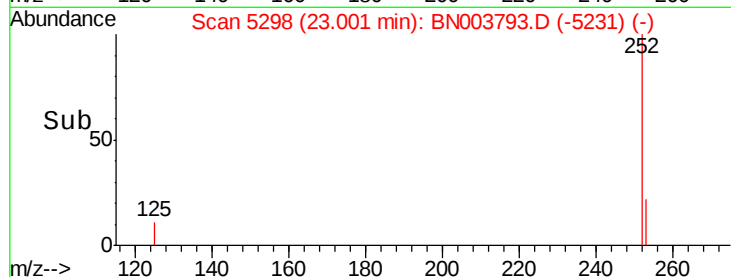
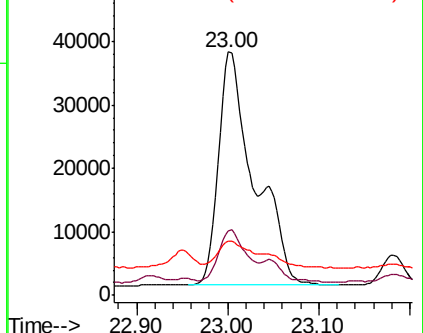
125 22.4 0.0 22.4



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: 2.095 ng/u1

RT: 23.18 min Scan# 5360

Delta R.T. 0.13 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

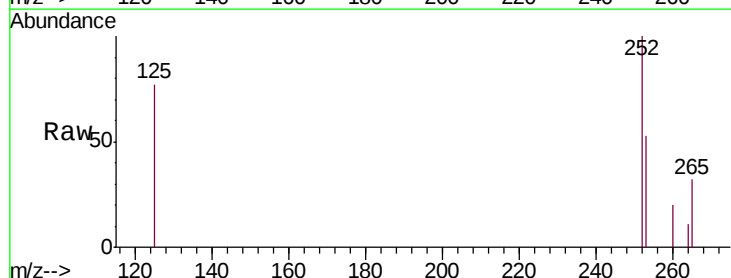
Tgt Ion:252 Resp: 8968

Ion Ratio Lower Upper

252 100

253 52.7 18.5 27.7#

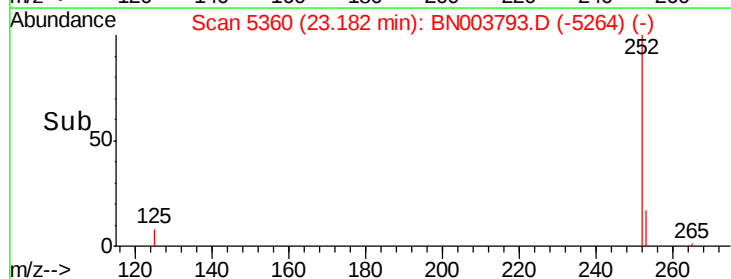
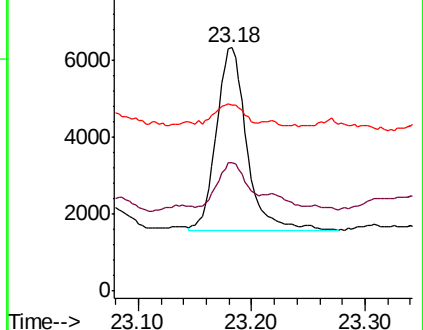
125 76.7 9.0 13.6#

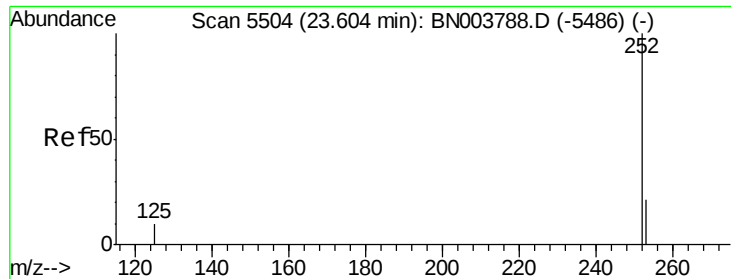


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.416 ng/u1

RT: 23.76 min Scan# 5556

Delta R.T. 0.15 min

Lab File: BN003793.D

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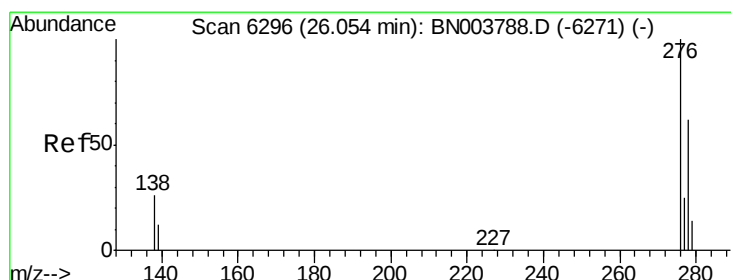
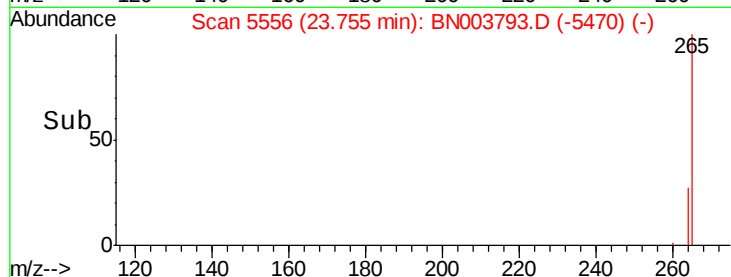
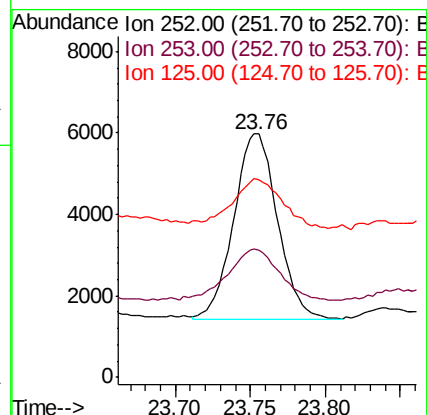
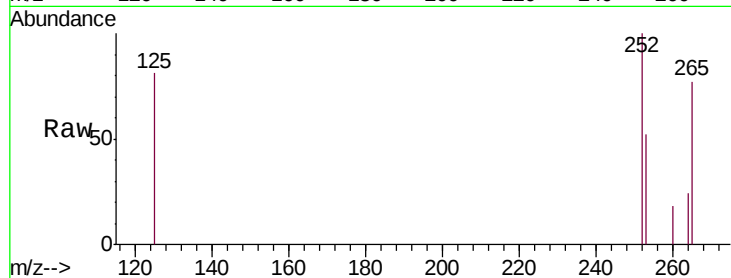
Tgt Ion:252 Resp: 9191

Ion Ratio Lower Upper

252 100

253 52.4 19.0 28.4#

125 81.1 10.2 15.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng/u1

RT: 26.17 min Scan# 6330

Delta R.T. 0.11 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

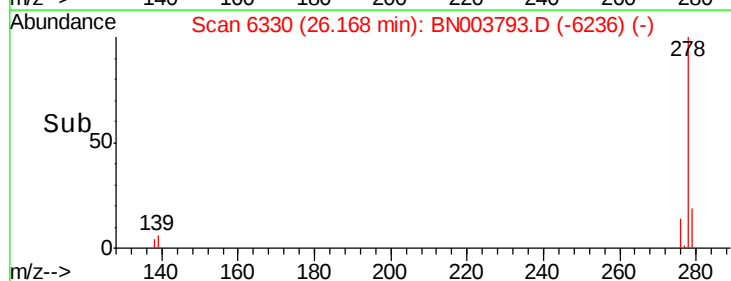
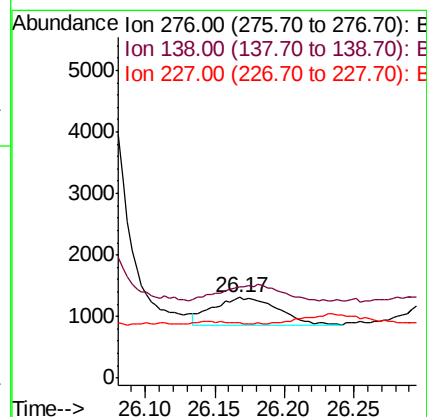
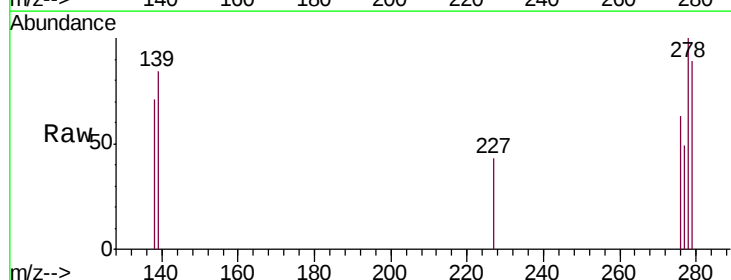
Tgt Ion:276 Resp: 1414

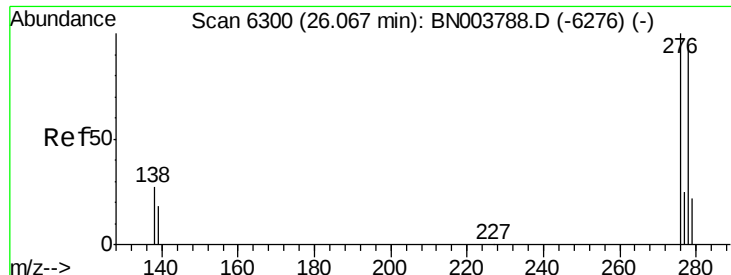
Ion Ratio Lower Upper

276 100

138 54.3 20.3 30.5#

227 0.0 0.2 0.2#





#25

Dibenzo(a,h)anthracene

Concen: 1.191 ng/ul

RT: 26.17 min Scan# 6330

Delta R.T. 0.10 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

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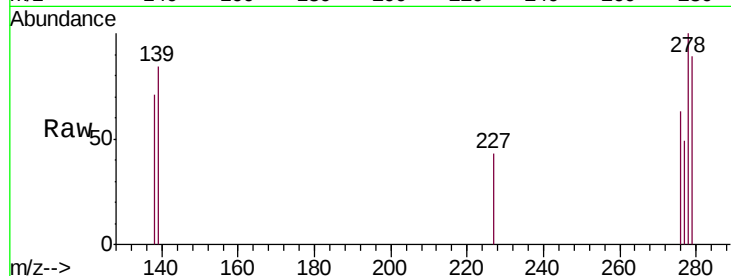
Tgt Ion:278 Resp: 4183

Ion Ratio Lower Upper

278 100

139 83.9 14.2 21.4#

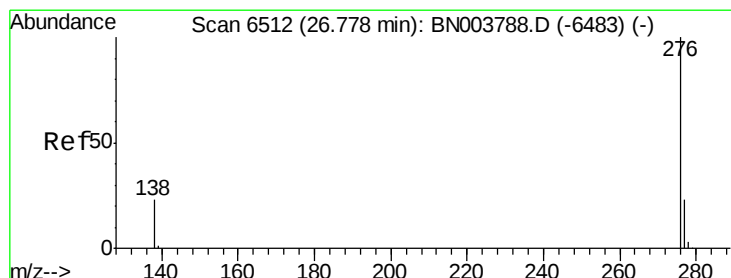
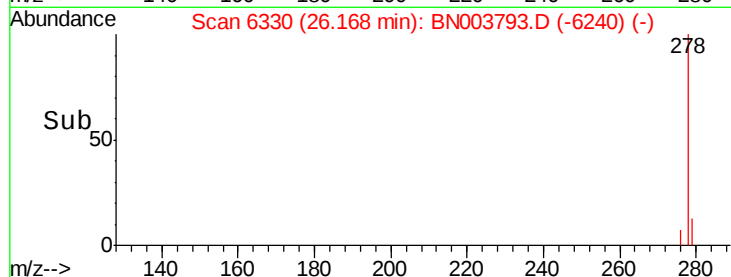
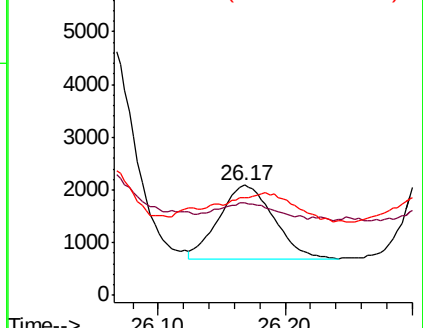
279 88.6 19.8 29.6#



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: 20.448 ng/ul

RT: 26.77 min Scan# 6511

Delta R.T. -0.00 min

Lab File: BN003793.D

Acq: 11 Dec 2018 00:09

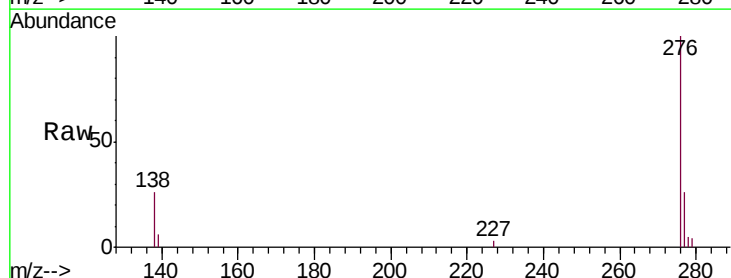
Tgt Ion:276 Resp: 77530

Ion Ratio Lower Upper

276 100

138 26.2 17.7 26.5

277 26.3 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

