

Data File : BN003796.D
Acq On : 11 Dec 2018 01:54
Operator : JU/SJ
Sample : J6077-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

Quant Time: Dec 11 04:27:27 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	6306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13474	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24353	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15669	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16884	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3478	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2982	0.04	ng/ul	0.00

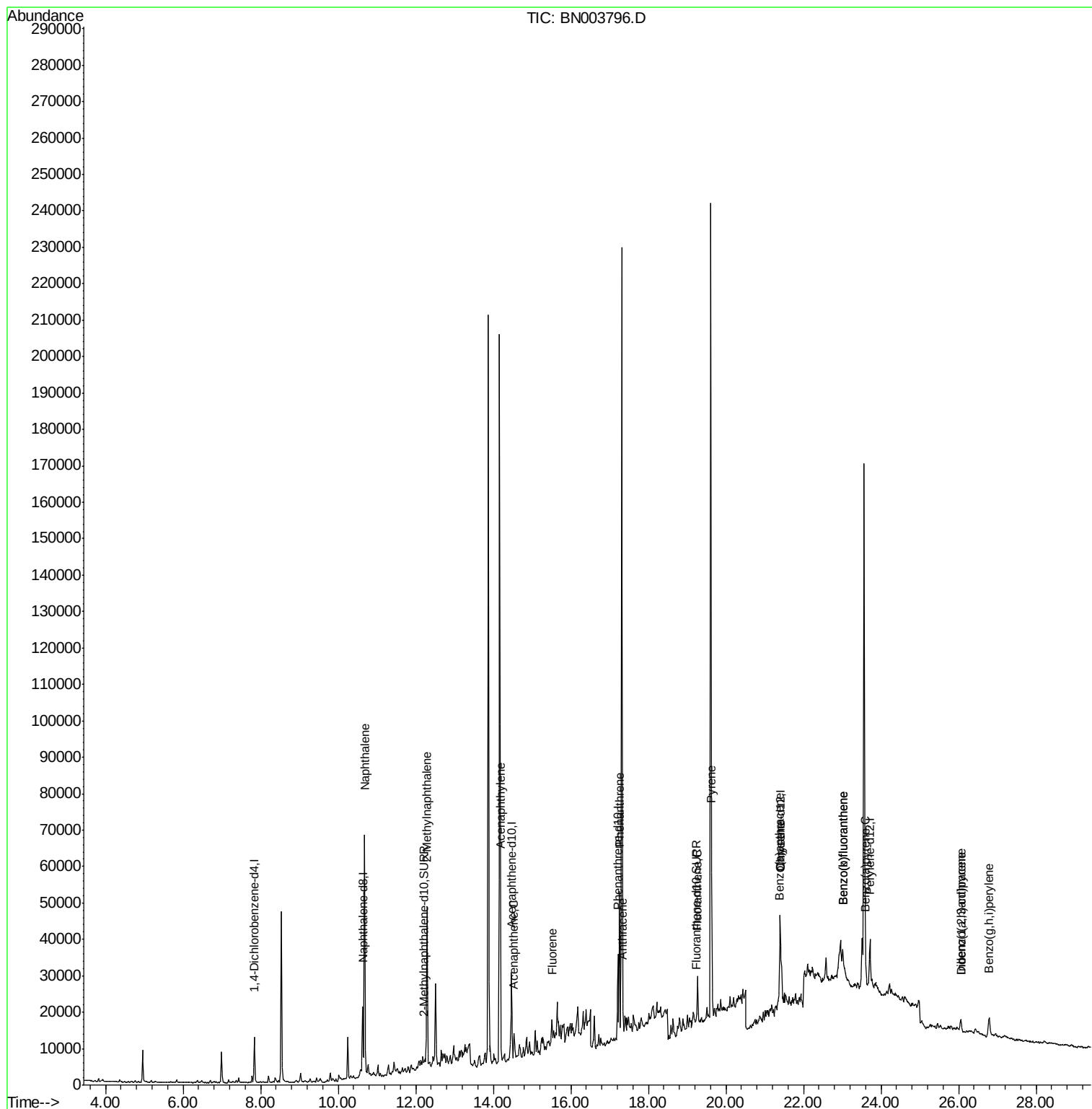
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	89052	1.272	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	31364	0.641	ng/ul	98
7) Acenaphthylene	14.19	152	3165	0.052	ng/ul#	1
8) Acenaphthene	14.53	153	4619	0.087	ng/ul#	88
9) Fluorene	15.52	166	4060	0.065	ng/ul#	62
12) Phenanthrene	17.25	178	42839	0.536	ng/ul#	87
13) Anthracene	17.35	178	4501	0.069	ng/ul#	38
15) Fluoranthene	19.27	202	10620	0.113	ng/ul	85
17) Pyrene	19.63	202	32074	0.571	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	7001	0.141	ng/ul#	12
19) Chrysene	21.41	228	9524	0.168	ng/ul#	48
21) Benzo(b)fluoranthene	23.01	252	9396	0.135	ng/ul#	1
22) Benzo(k)fluoranthene	23.01	252	9296	0.137	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	6268	0.104	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.06	276	4548	0.066	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.06	278	2013	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	12195	0.202	ng/ul#	39

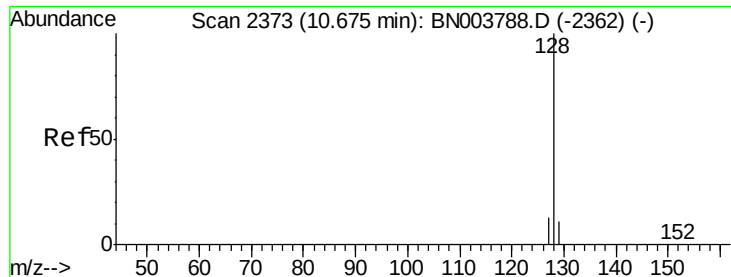
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.272 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

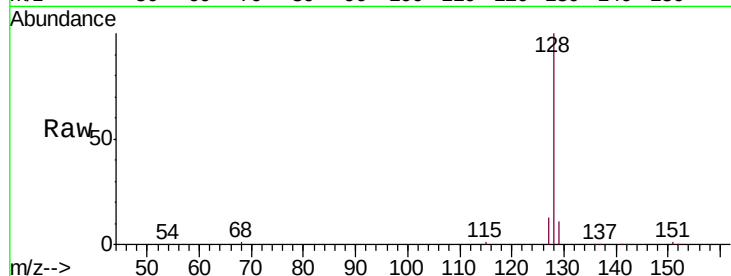
Tgt Ion:128 Resp: 89052

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

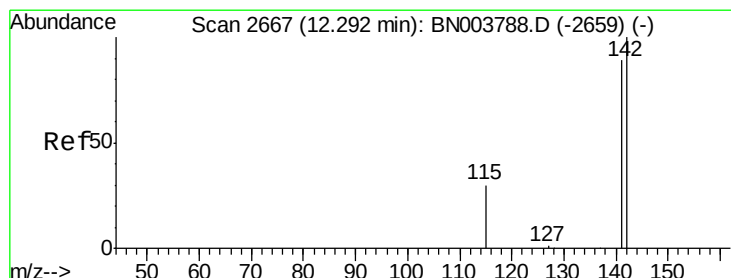
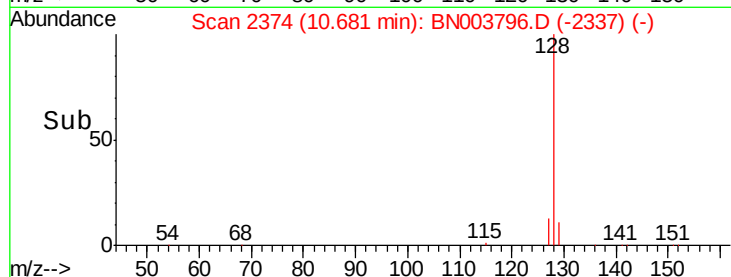
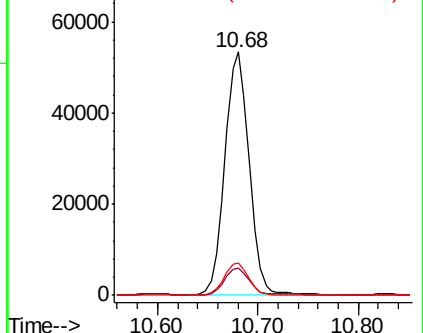
127 13.1 10.5 15.7



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: 0.641 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003796.D

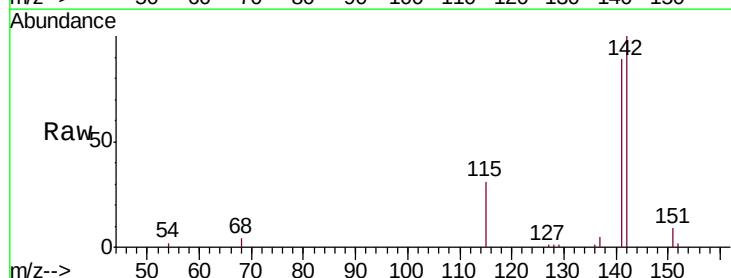
Acq: 11 Dec 2018 01:54

Tgt Ion:142 Resp: 31364

Ion Ratio Lower Upper

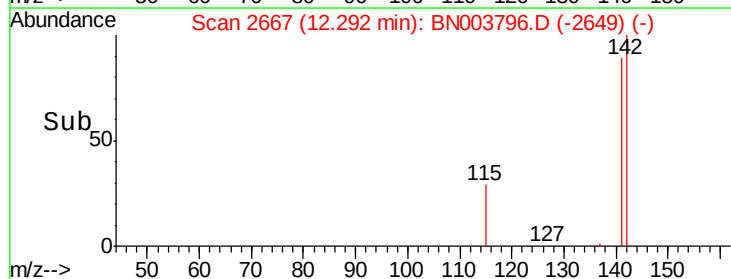
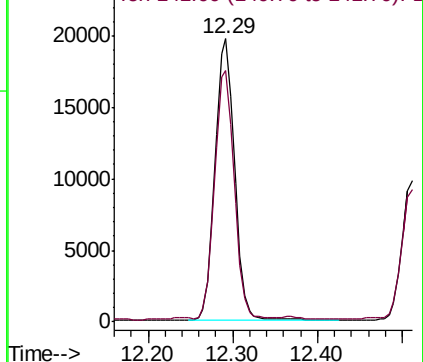
142 100

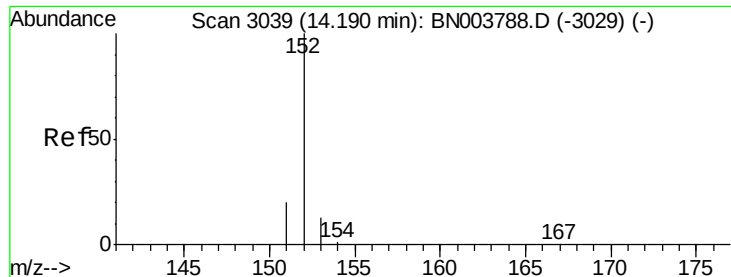
141 87.8 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

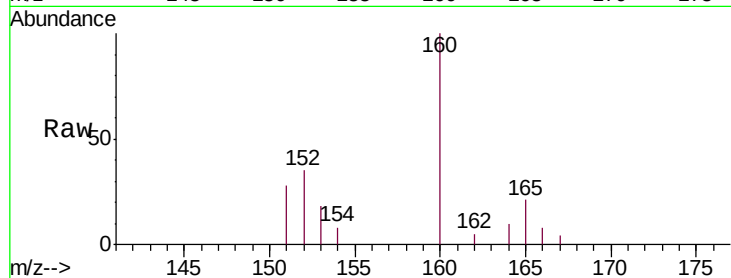
Tgt Ion:152 Resp: 3165

Ion Ratio Lower Upper

152 100

151 79.5 15.9 23.9#

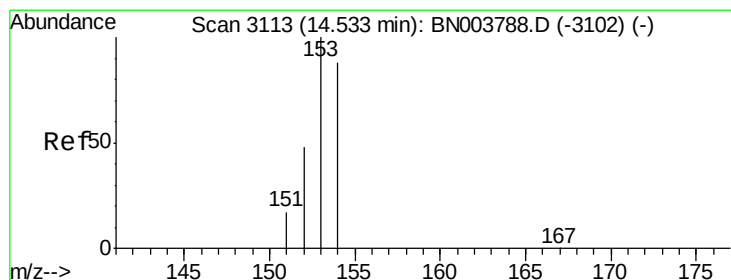
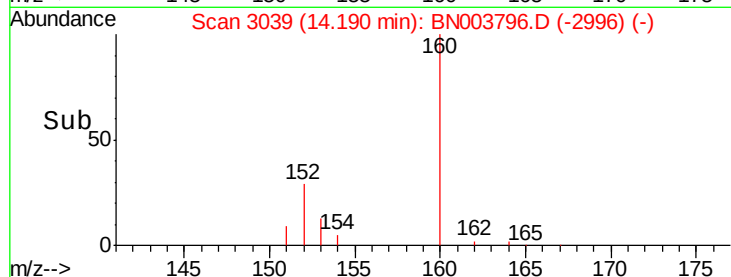
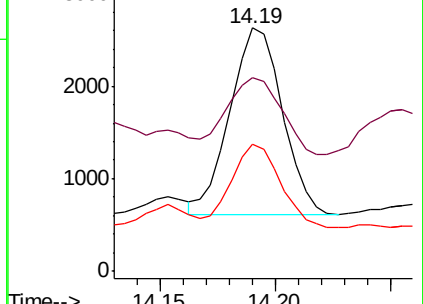
153 52.1 10.7 16.1#



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: 0.087 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

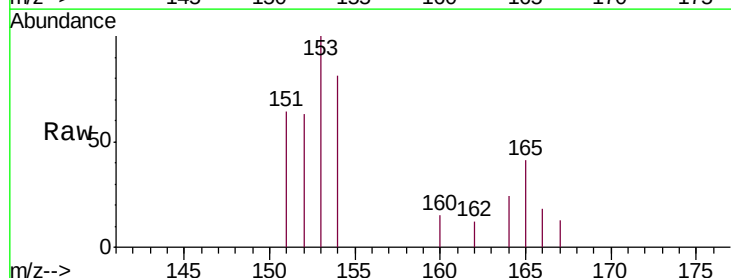
Tgt Ion:153 Resp: 4619

Ion Ratio Lower Upper

153 100

152 62.9 39.3 58.9#

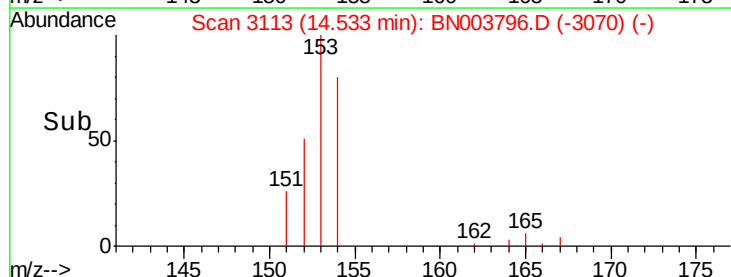
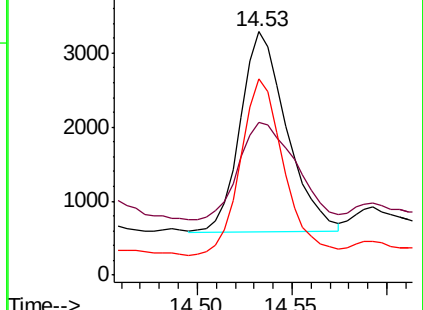
154 80.9 70.3 105.5

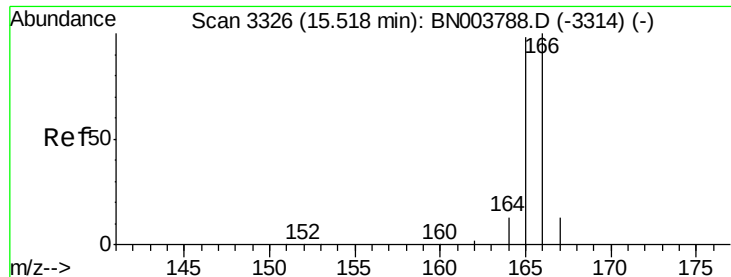


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

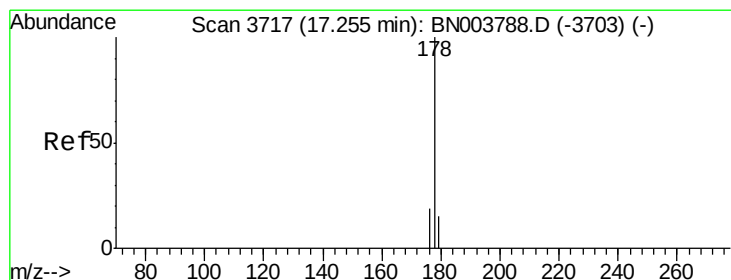
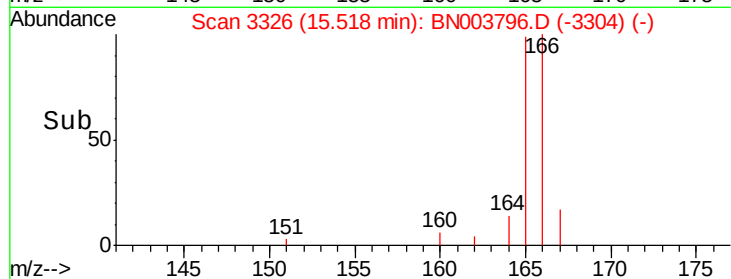
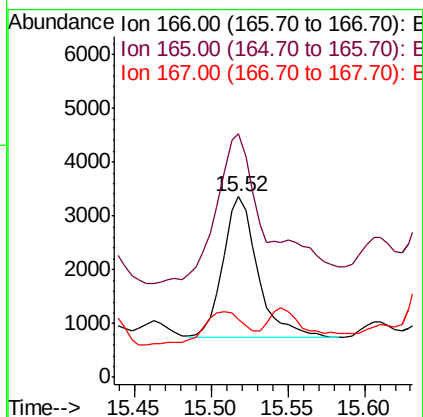
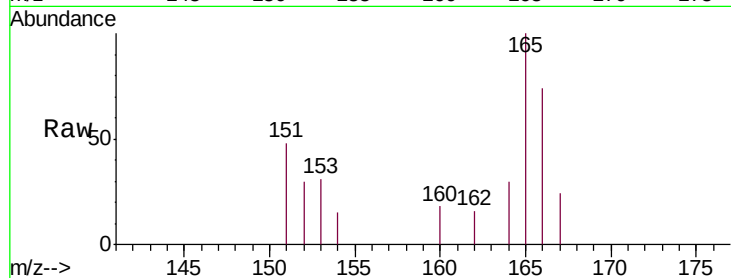




#9
Fluorene
 Concen: 0.065 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

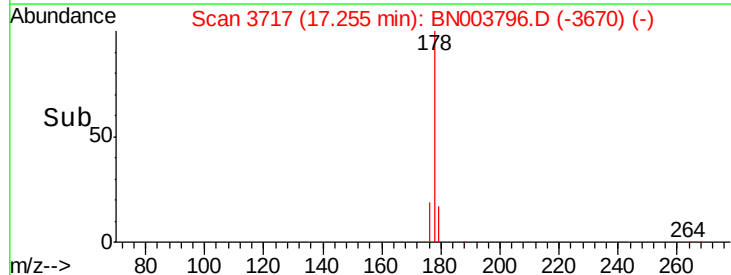
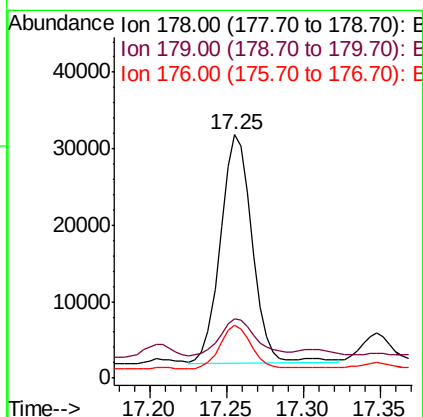
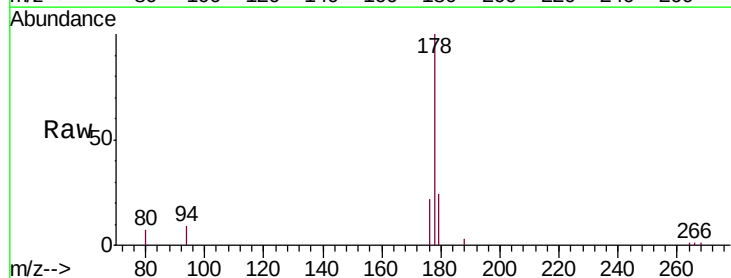
Instrument :
 BNA_N
 ClientSampleId :
 F9Y31DL

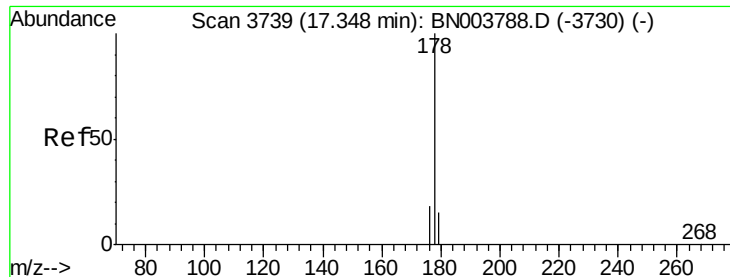
Tgt Ion:166 Resp: 4060
 Ion Ratio Lower Upper
 166 100
 165 134.7 78.3 117.5#
 167 31.9 11.3 16.9#



#12
Phenanthrene
 Concen: 0.536 ng/ul
 RT: 17.25 min Scan# 3717
 Delta R.T. -0.00 min
 Lab File: BN003796.D
 Acq: 11 Dec 2018 01:54

Tgt Ion:178 Resp: 42839
 Ion Ratio Lower Upper
 178 100
 179 24.4 12.5 18.7#
 176 21.5 15.0 22.4





#13

Anthracene

Concen: 0.069 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

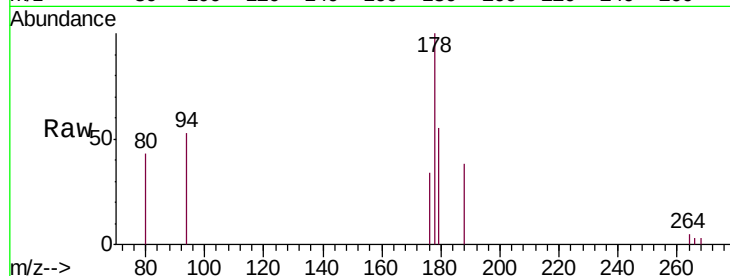
Tgt Ion:178 Resp: 4501

Ion Ratio Lower Upper

178 100

179 55.0 12.3 18.5#

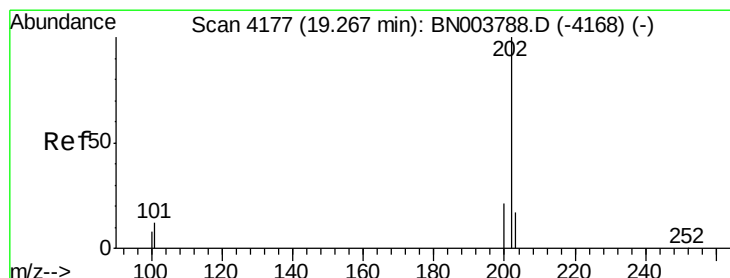
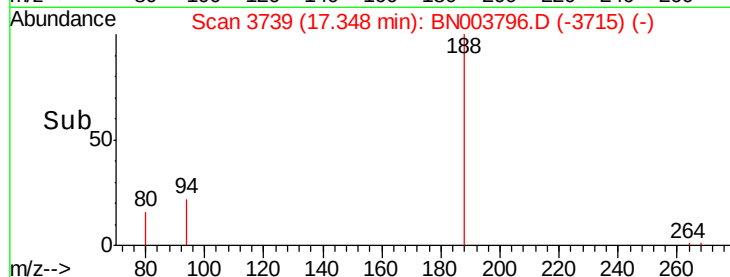
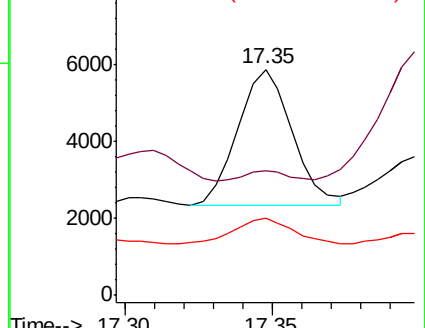
176 34.2 14.8 22.2#



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: 0.113 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

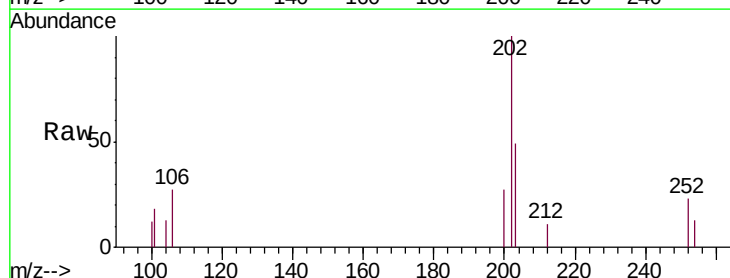
Tgt Ion:202 Resp: 10620

Ion Ratio Lower Upper

202 100

101 17.6 0.0 30.7

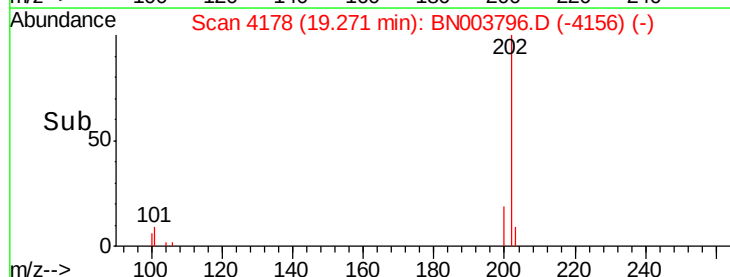
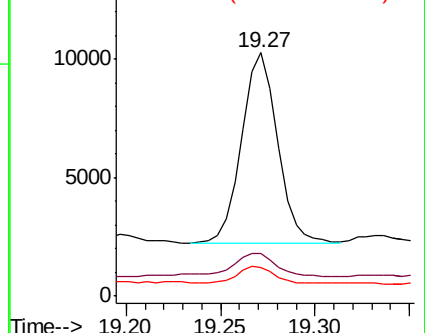
100 11.9 0.0 28.1

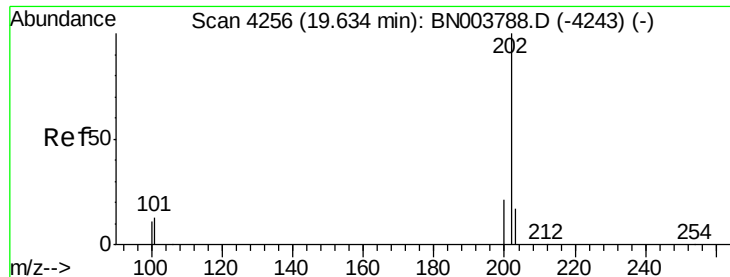


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.571 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

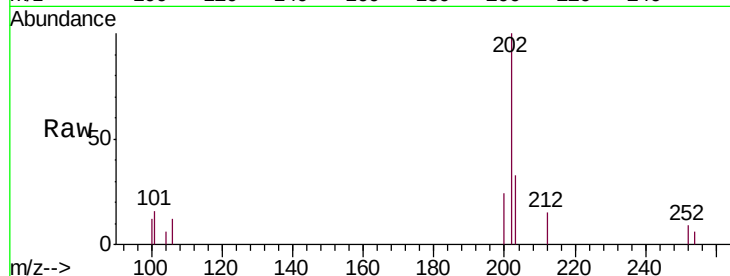
Tgt Ion:202 Resp: 32074

Ion Ratio Lower Upper

202 100

101 16.4 10.3 15.5#

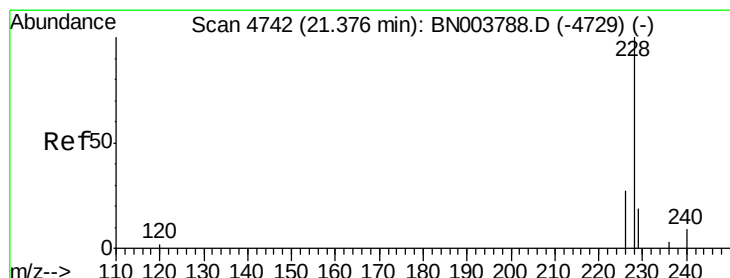
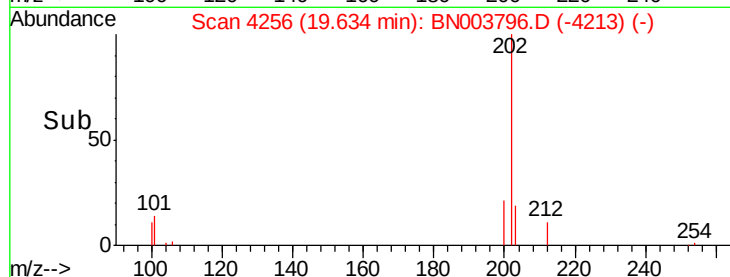
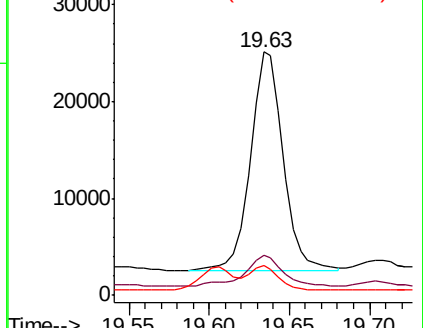
100 12.0 8.5 12.7



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: 0.141 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

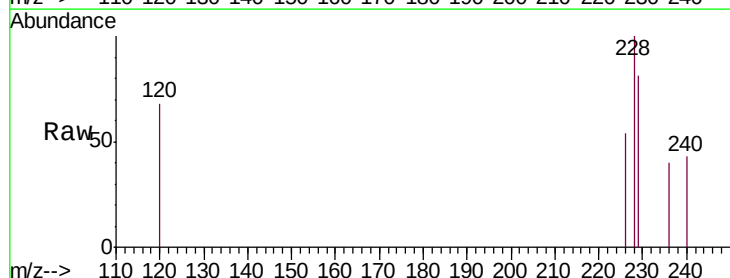
Tgt Ion:228 Resp: 7001

Ion Ratio Lower Upper

228 100

229 80.9 15.6 23.4#

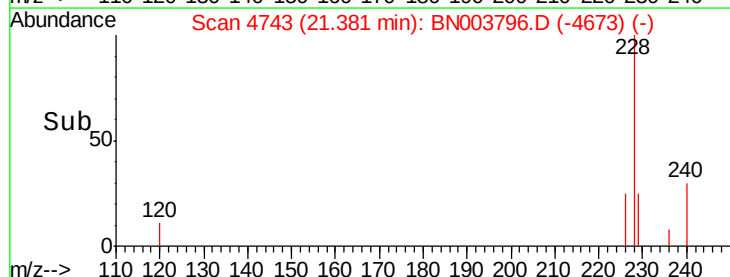
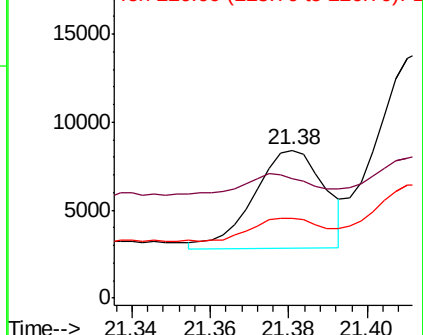
226 53.5 21.1 31.7#

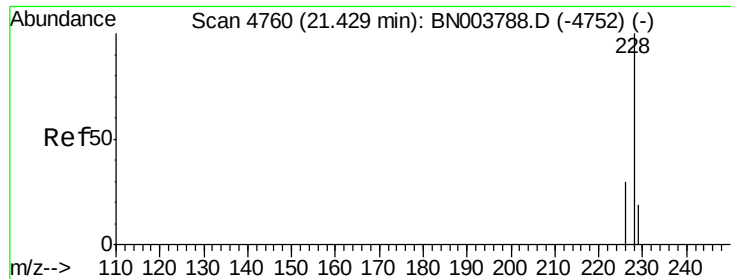


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.168 ng/ul

RT: 21.41 min Scan# 4754

Delta R.T. -0.02 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

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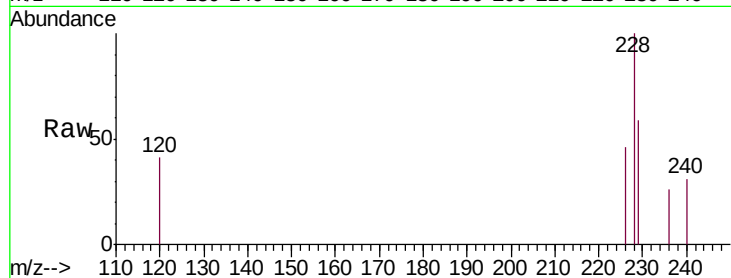
Tgt Ion:228 Resp: 9524

Ion Ratio Lower Upper

228 100

226 45.9 24.0 36.0#

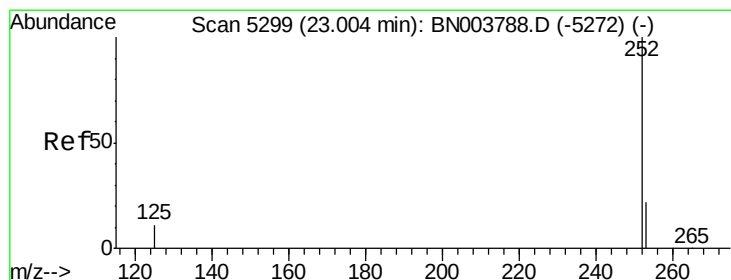
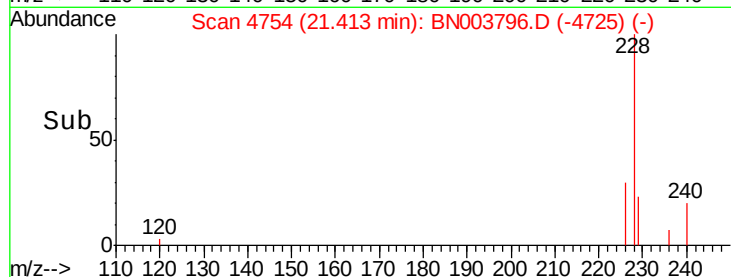
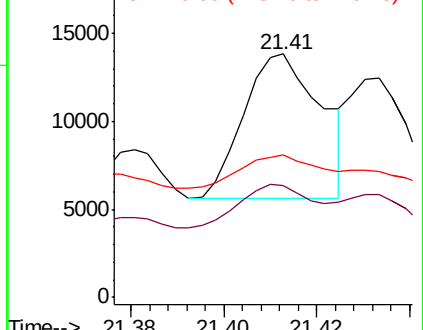
229 58.7 15.7 23.5#



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: 0.135 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. 0.01 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

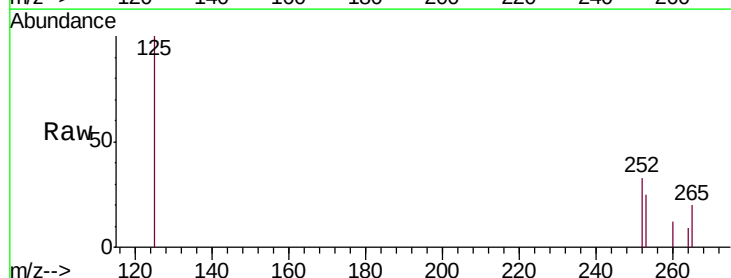
Tgt Ion:252 Resp: 9396

Ion Ratio Lower Upper

252 100

253 77.5 0.0 46.0#

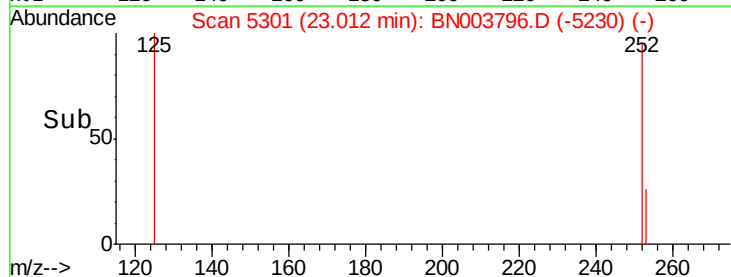
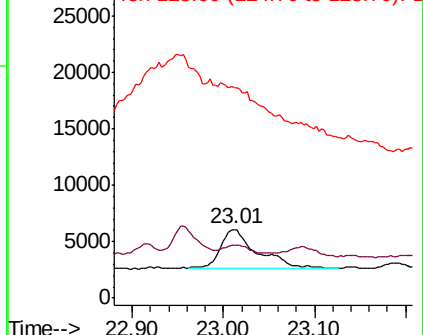
125 307.6 0.0 22.4#

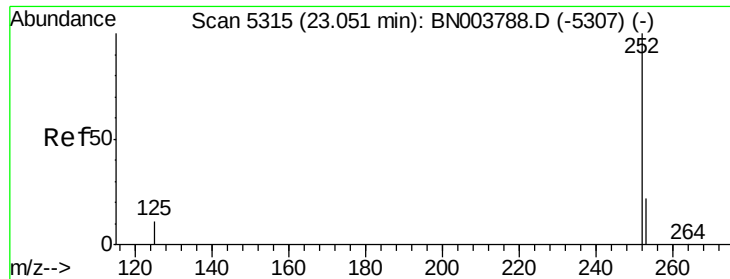


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.137 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.04 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL

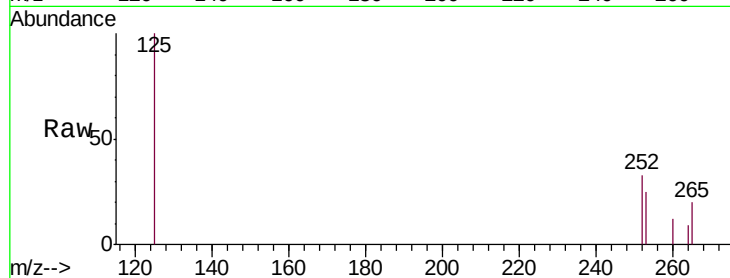
Tgt Ion:252 Resp: 9296

Ion Ratio Lower Upper

252 100

253 77.5 18.5 27.7#

125 307.6 9.0 13.6#

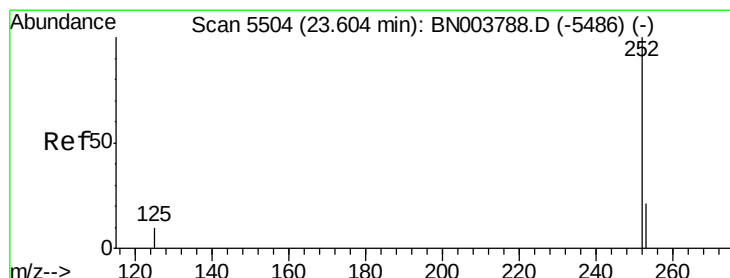
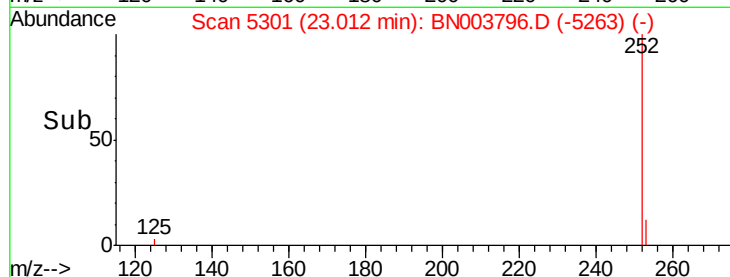
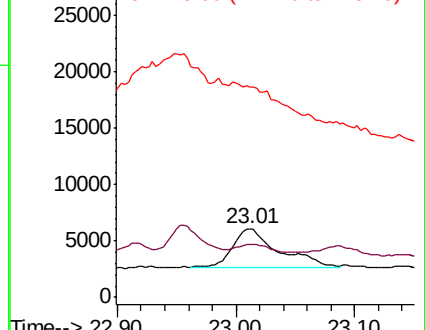


Abundance

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: 0.104 ng/ul

RT: 23.61 min Scan# 5505

Delta R.T. 0.00 min

Lab File: BN003796.D

Acq: 11 Dec 2018 01:54

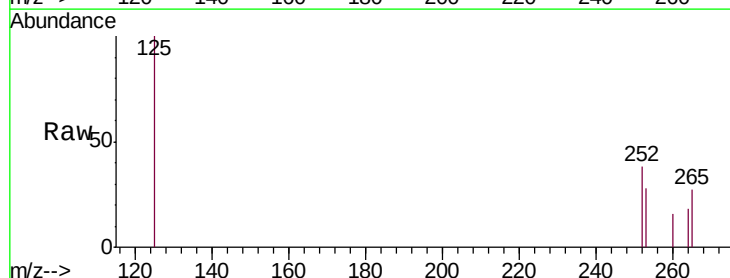
Tgt Ion:252 Resp: 6268

Ion Ratio Lower Upper

252 100

253 73.4 19.0 28.4#

125 262.7 10.2 15.4#

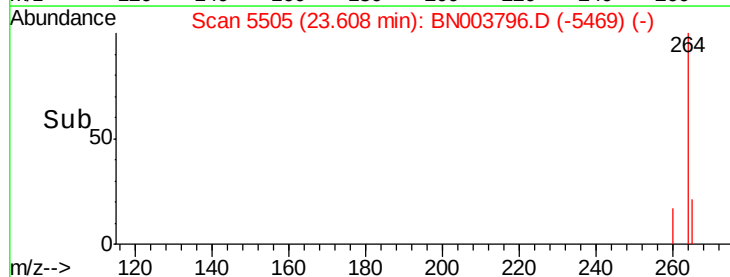
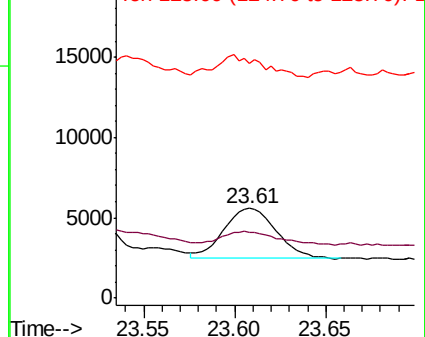


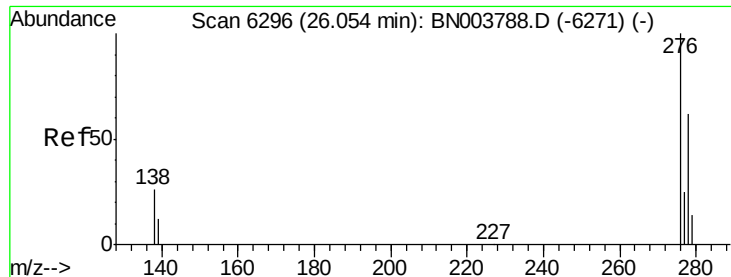
Abundance

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



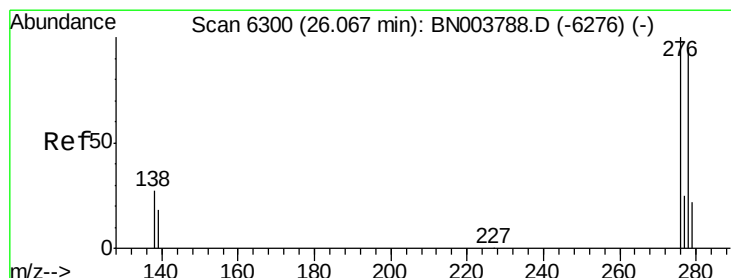
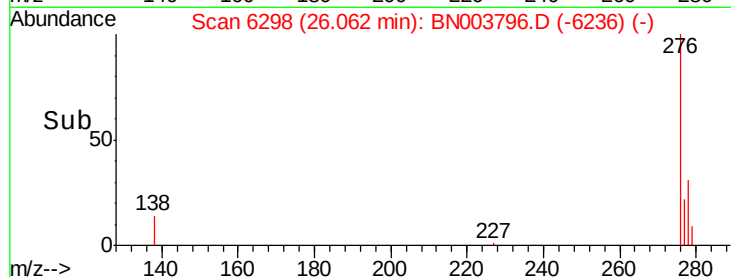
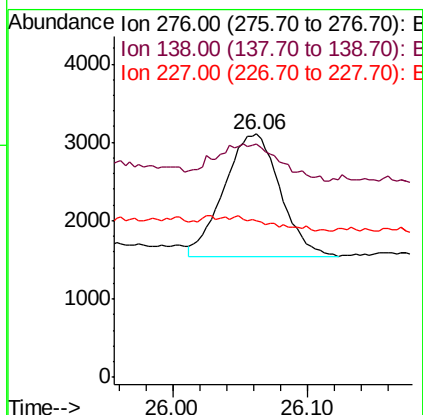
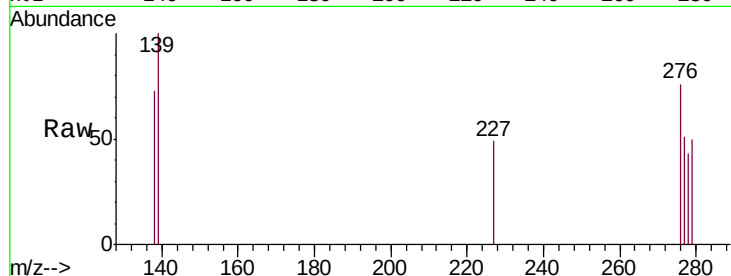


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. 0.01 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Instrument :
BNA_N
ClientSampleId :
F9Y31DL

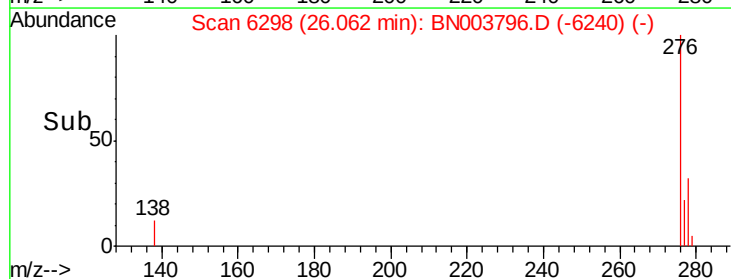
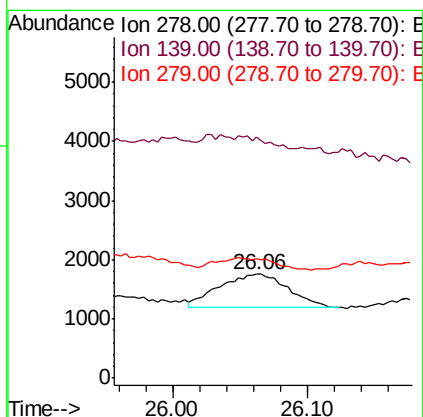
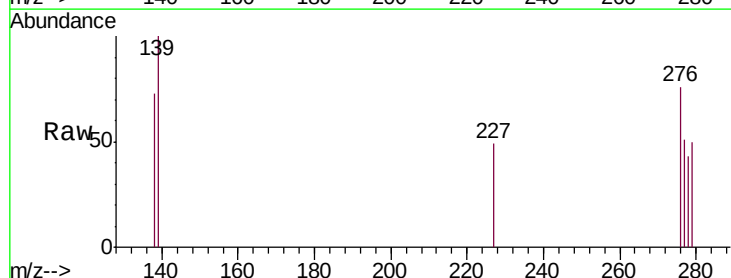
Tgt Ion: 276 Resp: 4548
Ion Ratio Lower Upper
276 100
138 36.2 20.3 30.5#
227 0.0 0.2 0.2#

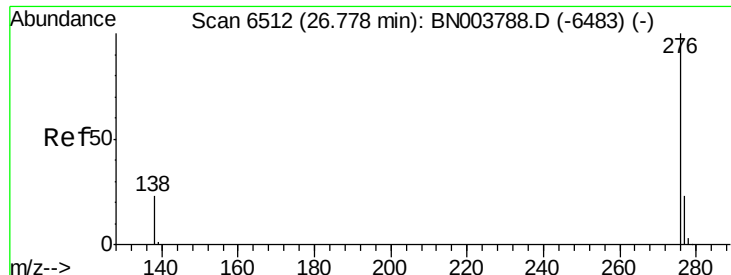


#25

Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. -0.01 min
Lab File: BN003796.D
Acq: 11 Dec 2018 01:54

Tgt Ion: 278 Resp: 2013
Ion Ratio Lower Upper
278 100
139 232.2 14.2 21.4#
279 115.6 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.202 ng/ul

RT: 26.79 min Scan# 6514

Delta R.T. 0.01 min

Lab File: BN003796.D

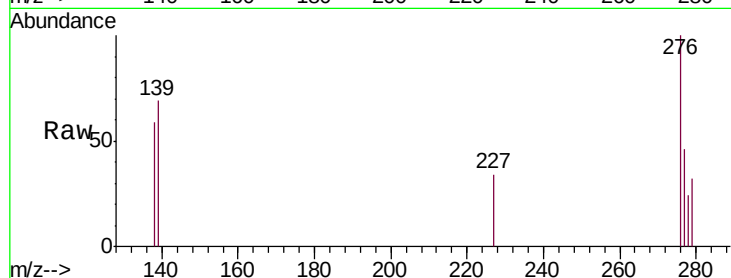
Acq: 11 Dec 2018 01:54

Instrument :

BNA_N

ClientSampleId :

F9Y31DL



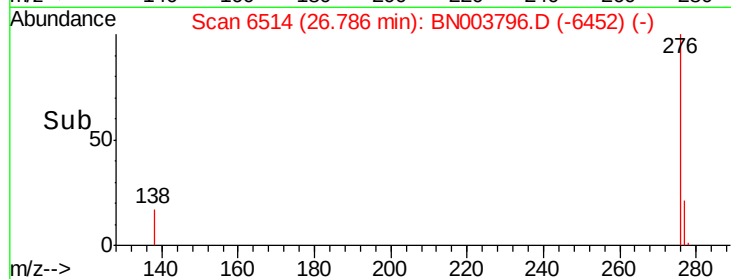
Tgt Ion: 276 Resp: 12195

Ion Ratio Lower Upper

276 100

138 59.3 17.7 26.5#

277 46.5 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

