

Data File : BN003777.D
Acq On : 10 Dec 2018 14:11
Operator : JU/SJ
Sample : J6155-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4132

Quant Time: Dec 11 03:44:54 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 03:42:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4373	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	17795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9324	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	20349	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16501	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	14045	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10092	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	20417	0.34	ng/ul	0.00

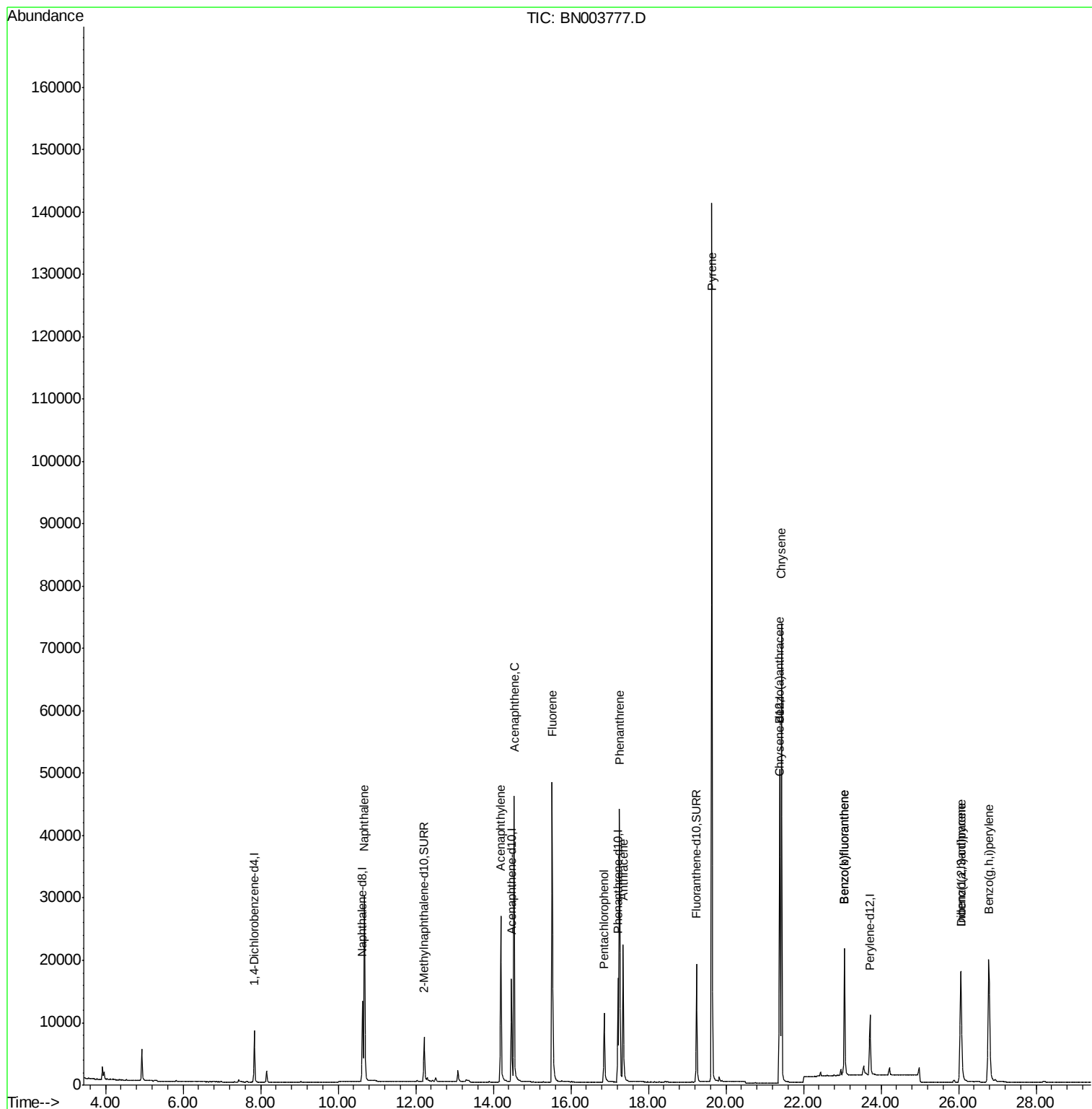
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	42940	0.859	ng/ul	100
7) Acenaphthylene	14.19	152	34364	0.818	ng/ul	100
8) Acenaphthene	14.53	153	28156	0.765	ng/ul	99
9) Fluorene	15.52	166	37427	0.873	ng/ul	100
11) Pentachlorophenol	16.86	266	9049	2.469	ng/ul	100
12) Phenanthrene	17.25	178	49725	0.745	ng/ul	99
13) Anthracene	17.35	178	26263	0.478	ng/ul	100
17) Pyrene	19.63	202	110810	1.872	ng/ul	98
18) Benzo(a)anthracene	21.38	228	41051	0.788	ng/ul	99
19) Chrysene	21.43	228	61198	1.026	ng/ul	100
21) Benzo(b)fluoranthene	23.06	252	26909	0.463	ng/ul	98
22) Benzo(k)fluoranthene	23.06	252	26909	0.475	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	38914	0.674	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.06	278	1436	0.031	ng/ul#	53
26) Benzo(g,h,i)perylene	26.78	276	43752	0.873	ng/ul	98

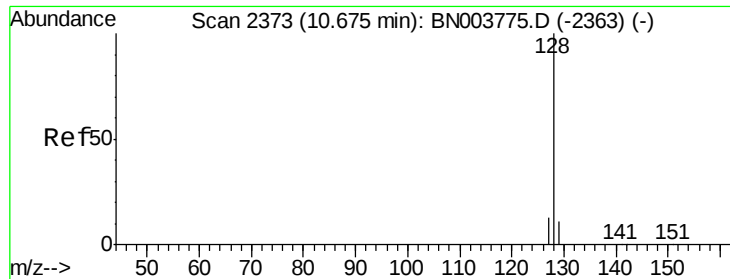
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.859 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

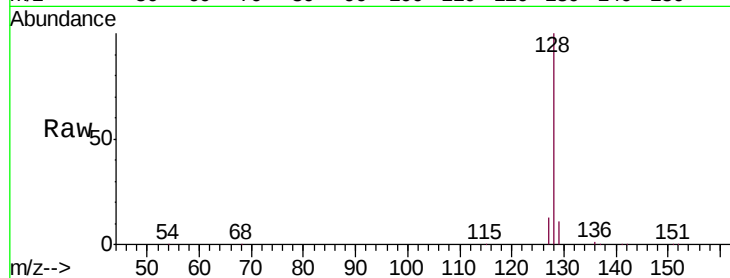
Tgt Ion:128 Resp: 42940

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

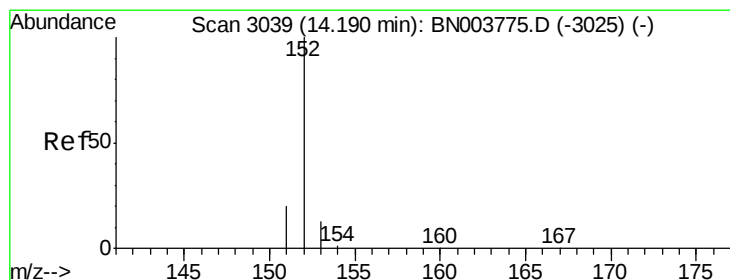
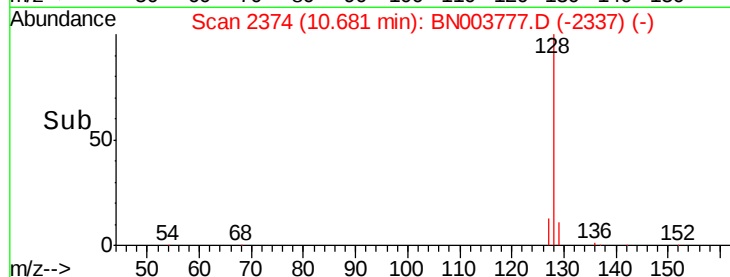
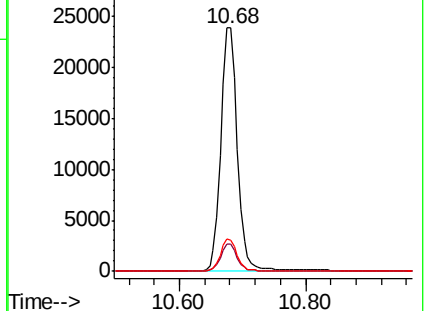
127 13.0 10.5 15.7



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



#7

Acenaphthylene

Concen: 0.818 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

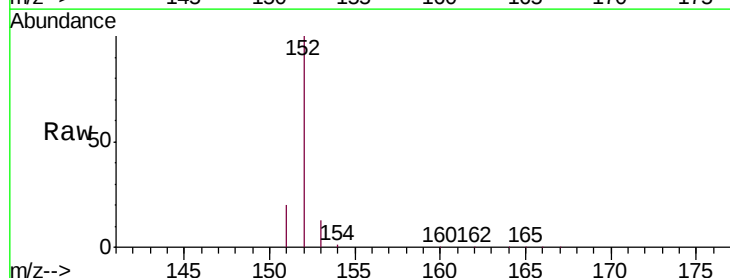
Tgt Ion:152 Resp: 34364

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

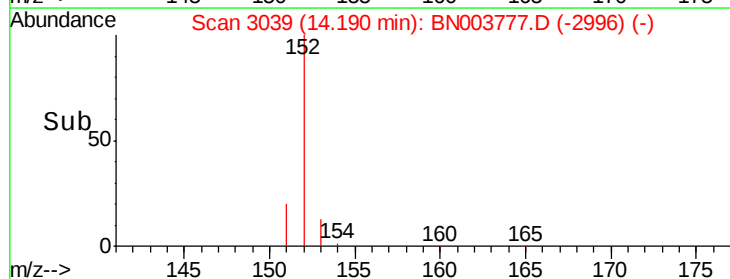
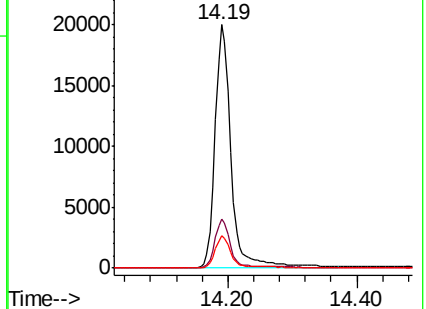
153 13.2 10.7 16.1

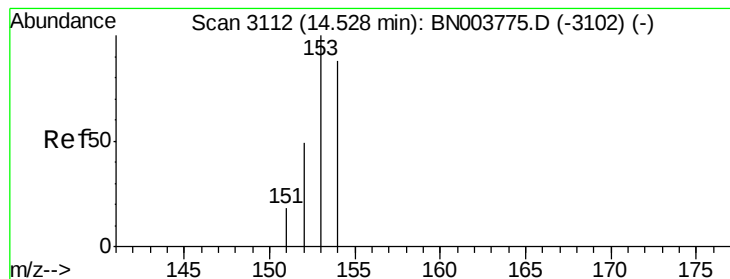


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.765 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

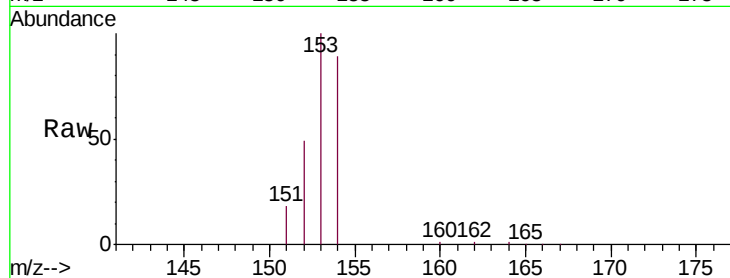
Tgt Ion:153 Resp: 28156

Ion Ratio Lower Upper

153 100

152 49.4 39.3 58.9

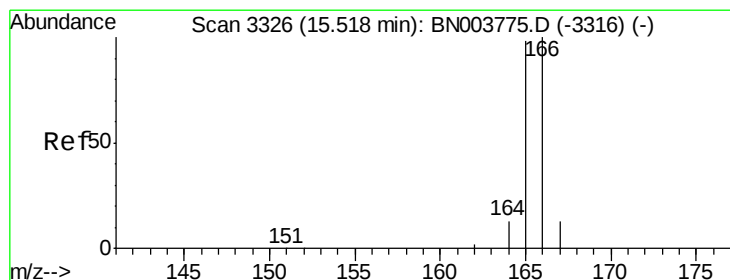
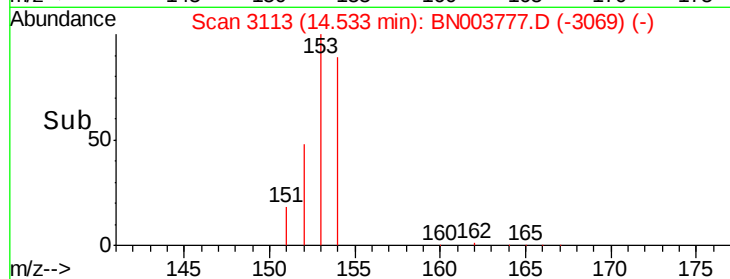
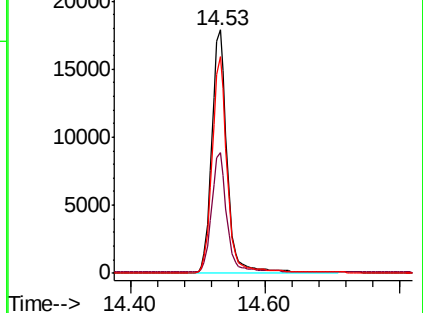
154 88.8 70.3 105.5



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: 0.873 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

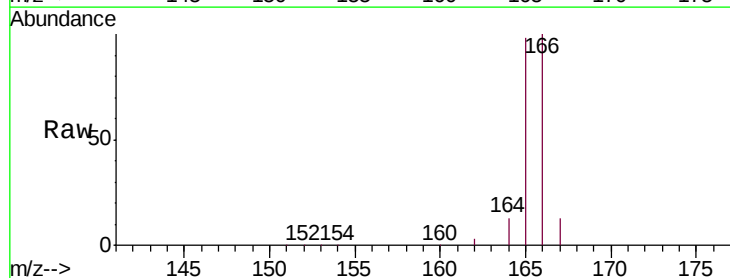
Tgt Ion:166 Resp: 37427

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

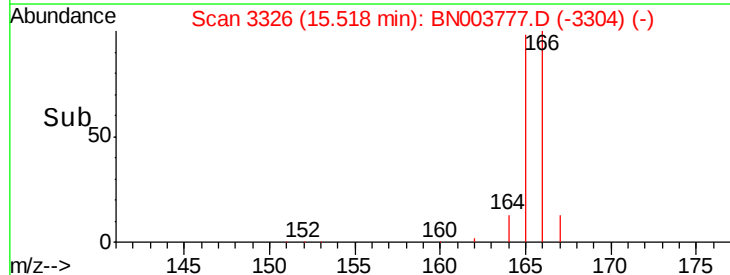
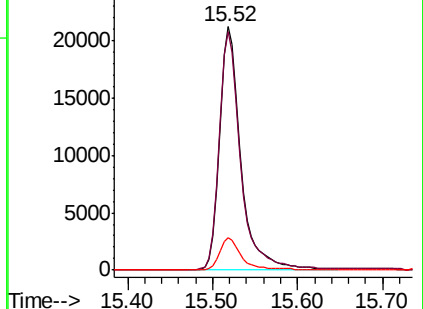
167 13.5 11.3 16.9

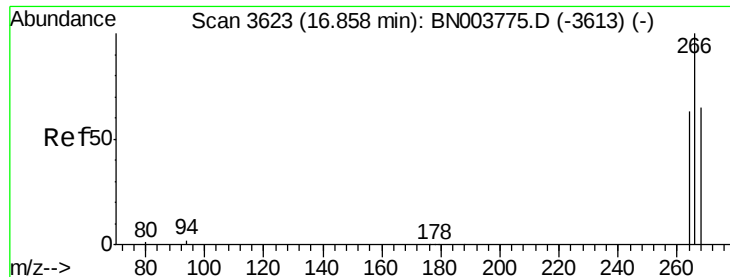


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

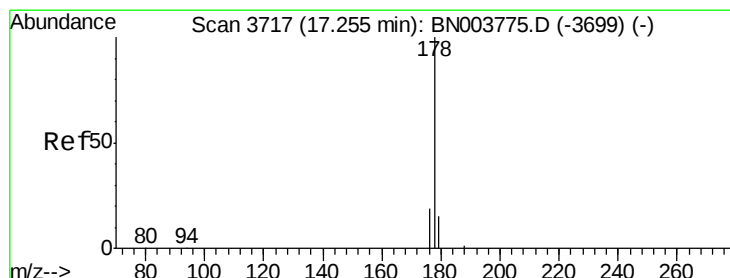
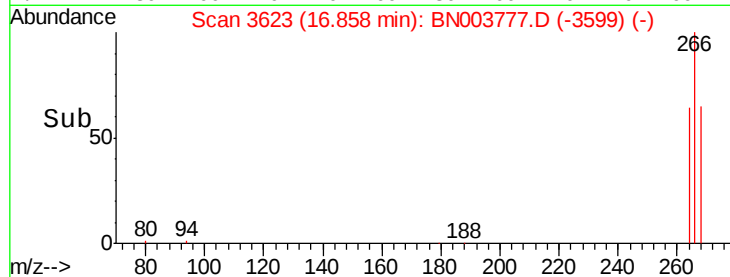
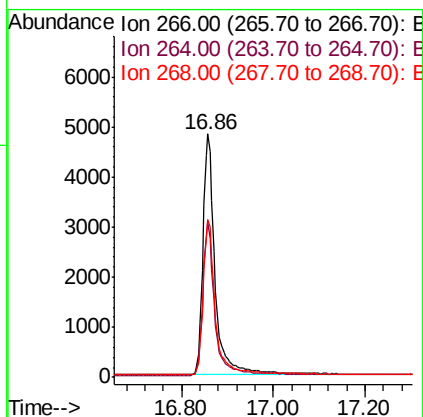
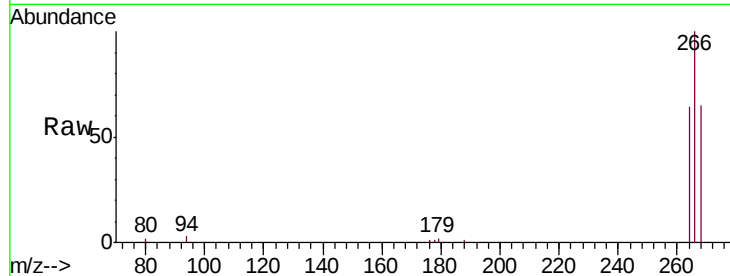




#11
 Pentachlorophenol
 Concen: 2.469 ng/ul
 RT: 16.86 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: BN003777.D
 Acq: 10 Dec 2018 14:11

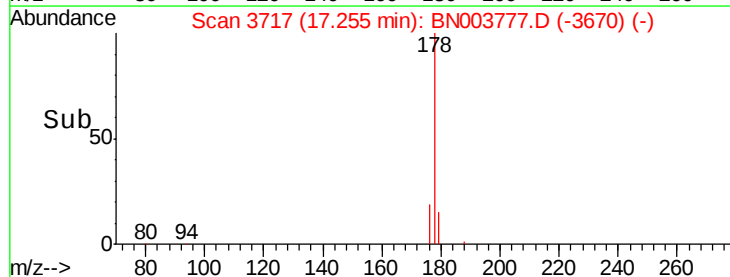
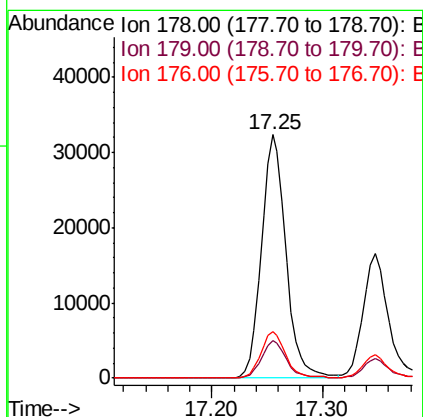
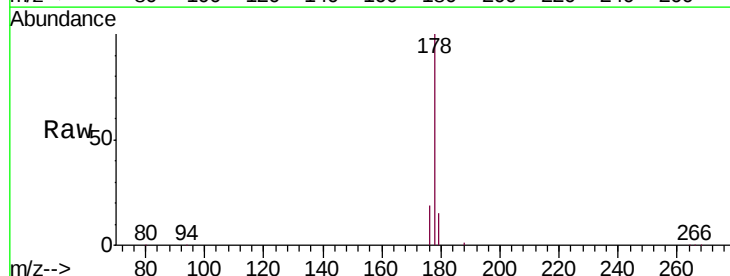
Instrument :
 BNA_N
 ClientSampleId :
 A4132

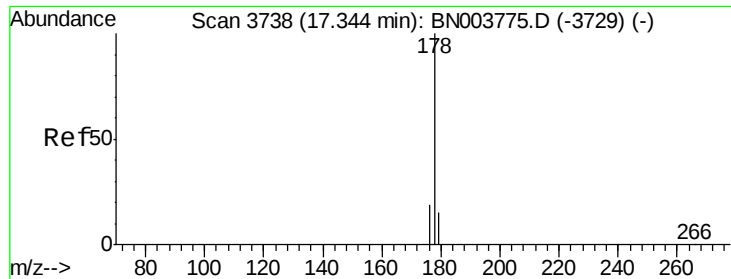
Tgt Ion: 266 Resp: 9049
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.4 74.2
 268 64.7 51.7 77.5



#12
 Phenanthrene
 Concen: 0.745 ng/ul
 RT: 17.25 min Scan# 3717
 Delta R.T. 0.00 min
 Lab File: BN003777.D
 Acq: 10 Dec 2018 14:11

Tgt Ion: 178 Resp: 49725
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 19.1 15.0 22.4





#13

Anthracene

Concen: 0.478 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

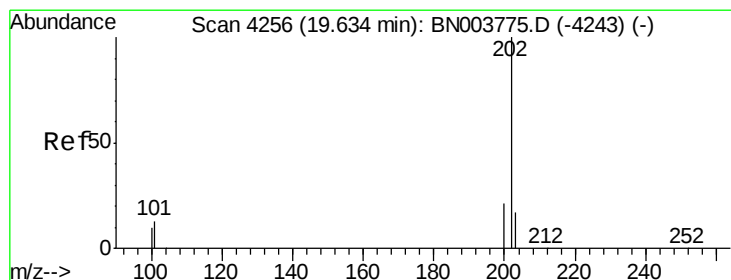
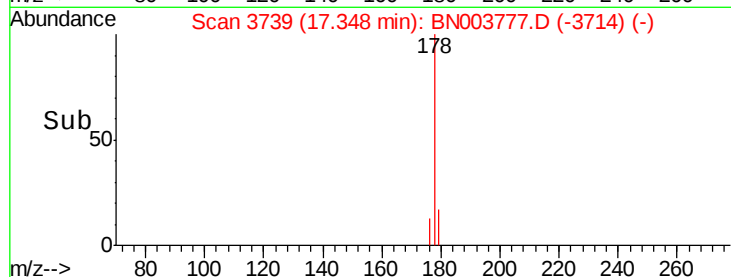
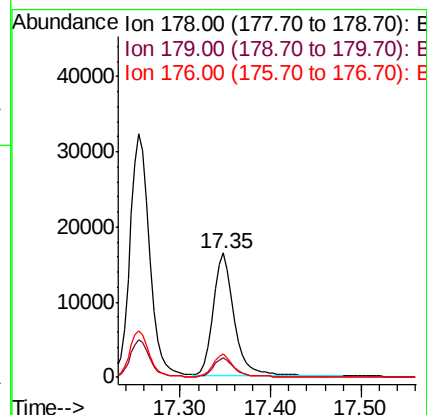
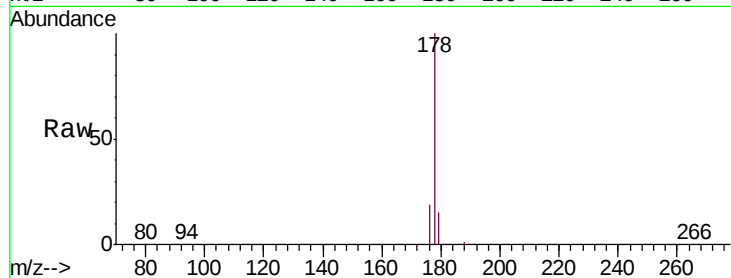
Tgt Ion:178 Resp: 26263

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.6 14.8 22.2



#17

Pyrene

Concen: 1.872 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

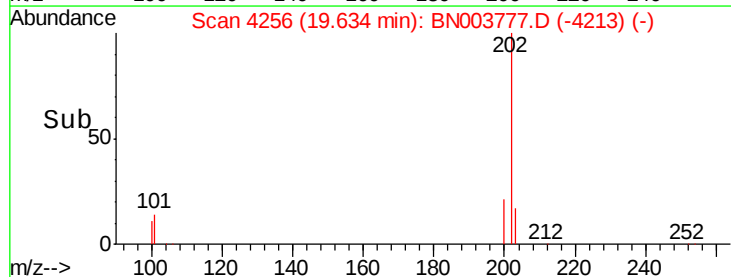
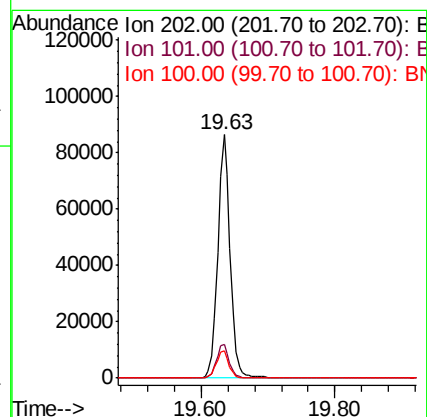
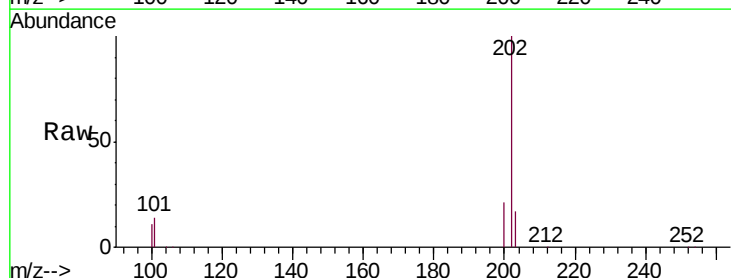
Tgt Ion:202 Resp: 110810

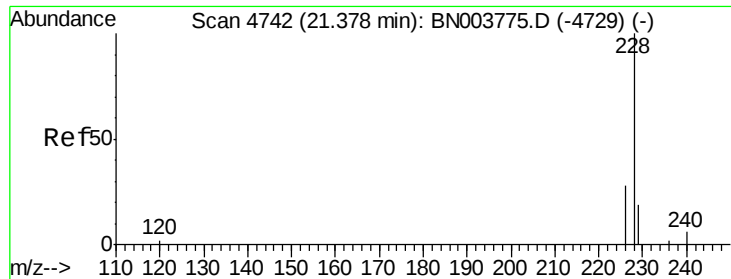
Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

100 11.1 8.5 12.7





#18

Benzo(a)anthracene

Concen: 0.788 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

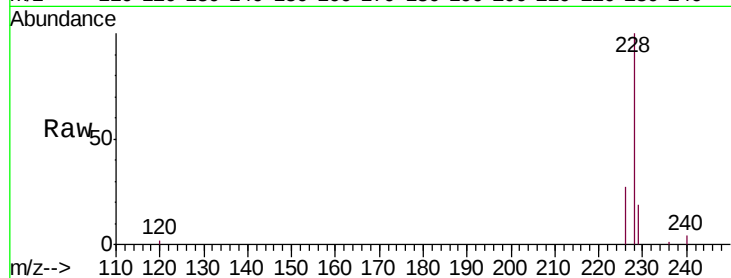
Tgt Ion:228 Resp: 41051

Ion Ratio Lower Upper

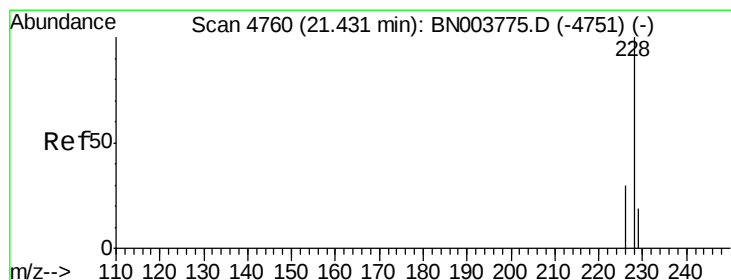
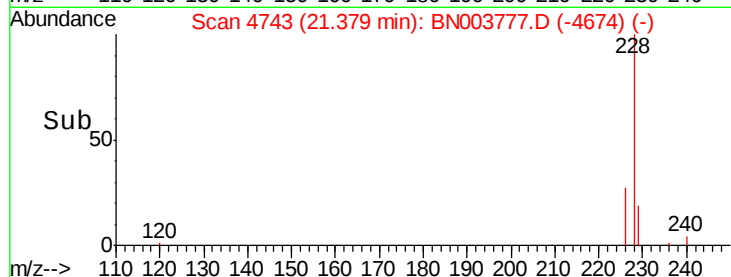
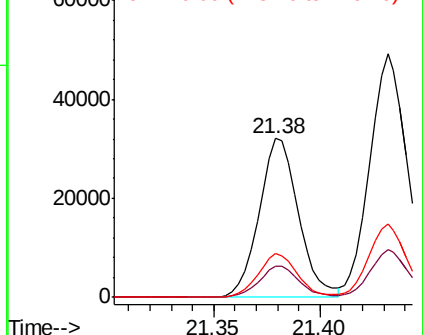
228 100

229 19.3 15.6 23.4

226 27.4 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: 1.026 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

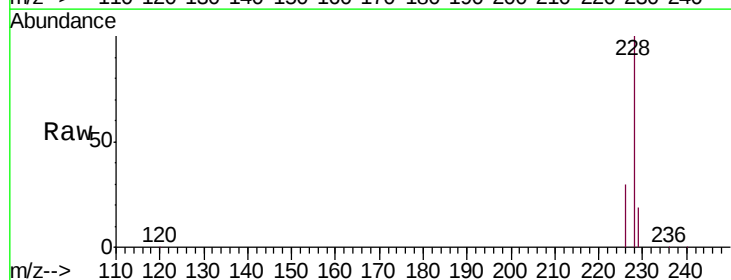
Tgt Ion:228 Resp: 61198

Ion Ratio Lower Upper

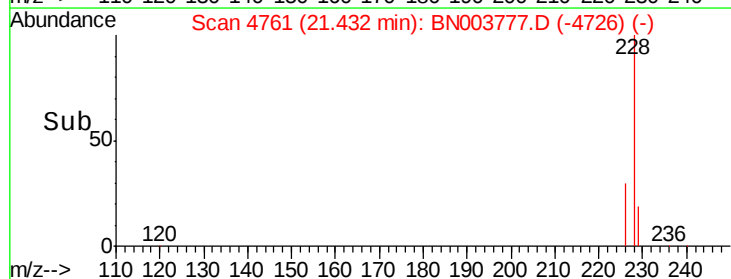
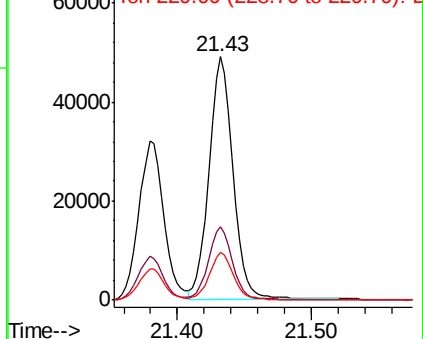
228 100

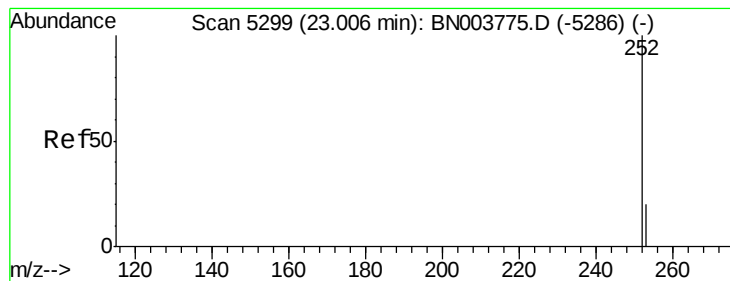
226 30.2 24.0 36.0

229 19.4 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: 0.463 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.05 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

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A4132

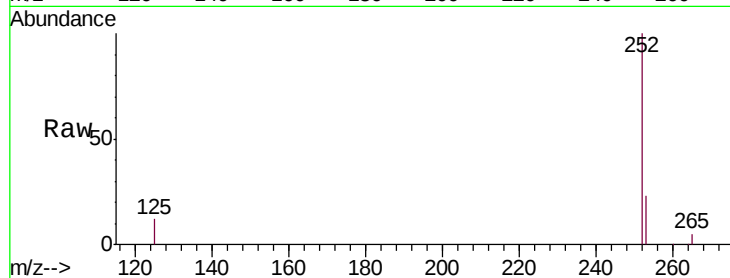
Tgt Ion:252 Resp: 26909

Ion Ratio Lower Upper

252 100

253 23.5 0.0 46.0

125 12.2 0.0 22.4

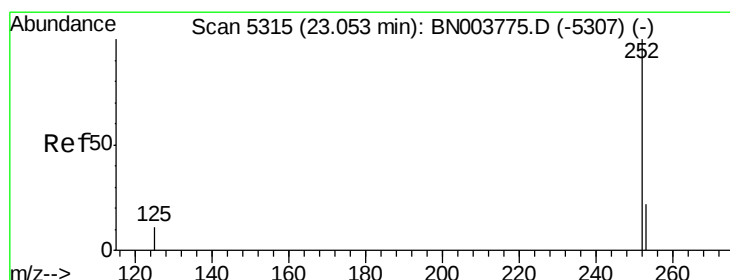
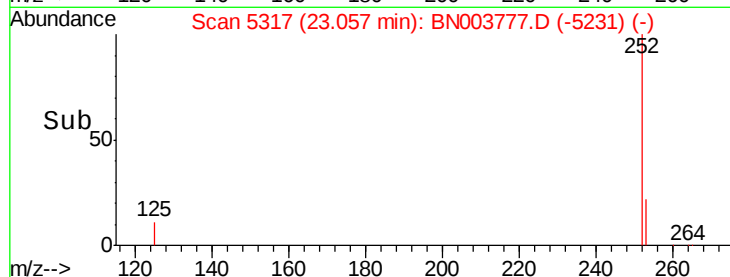
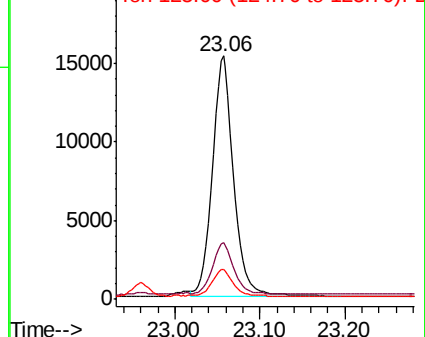


Abundance

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: 0.475 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

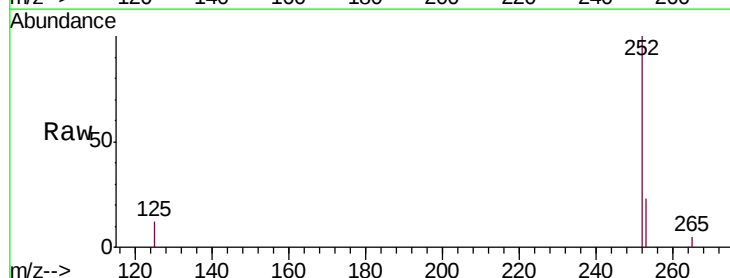
Tgt Ion:252 Resp: 26909

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

125 12.2 9.0 13.6

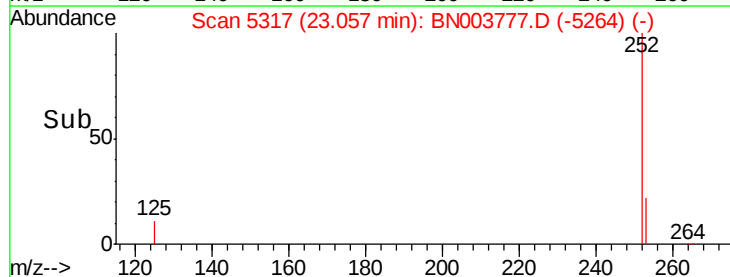
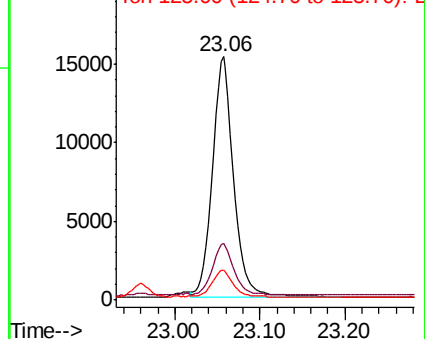


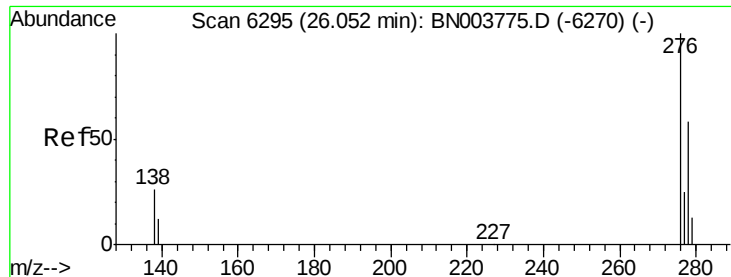
Abundance

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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.674 ng/u1

RT: 26.06 min Scan# 6297

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

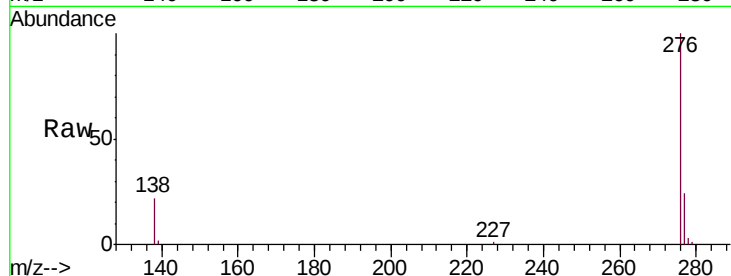
Tgt Ion:276 Resp: 38914

Ion Ratio Lower Upper

276 100

138 21.4 20.3 30.5

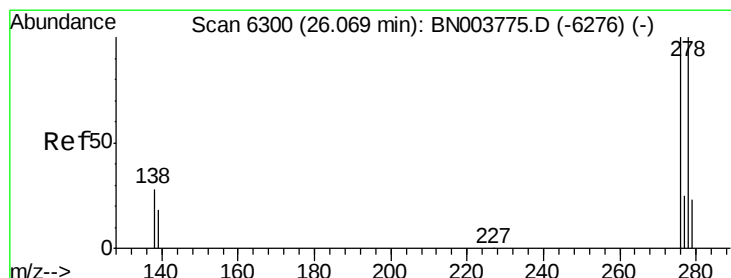
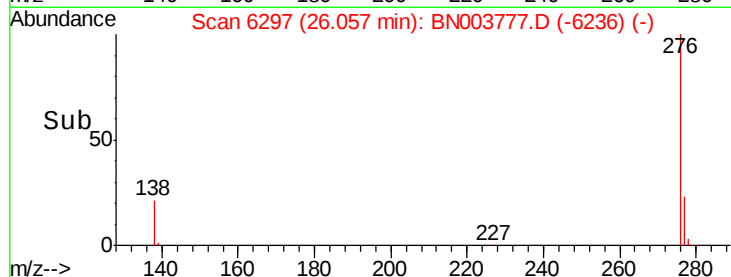
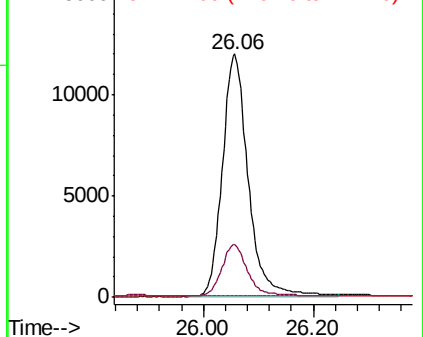
227 0.1 0.2 0.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.031 ng/u1

RT: 26.06 min Scan# 6297

Delta R.T. -0.01 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

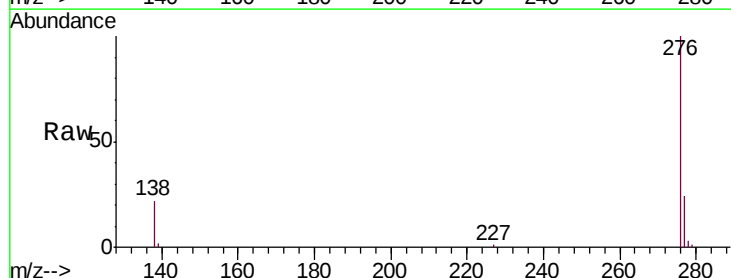
Tgt Ion:278 Resp: 1436

Ion Ratio Lower Upper

278 100

139 50.4 14.2 21.4#

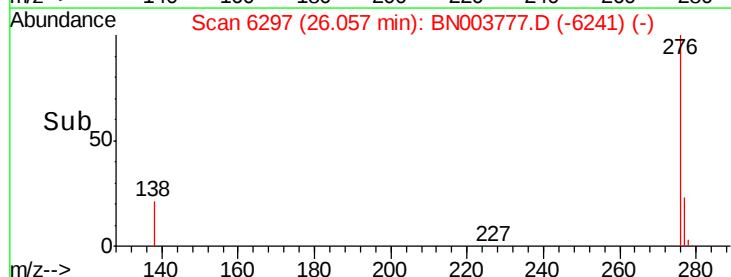
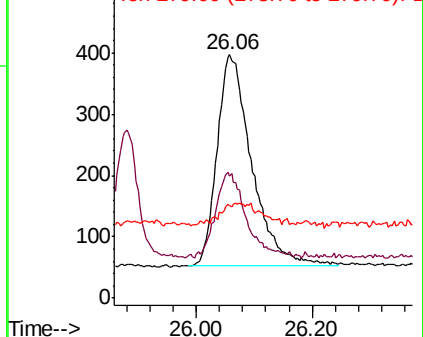
279 38.0 19.8 29.6#

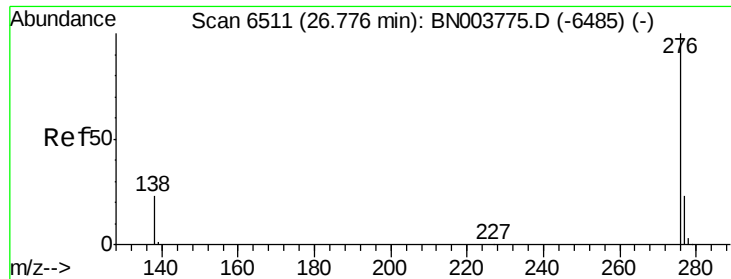


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.873 ng/ul

RT: 26.78 min Scan# 6513

Delta R.T. 0.00 min

Lab File: BN003777.D

Acq: 10 Dec 2018 14:11

Instrument :

BNA_N

ClientSampleId :

A4132

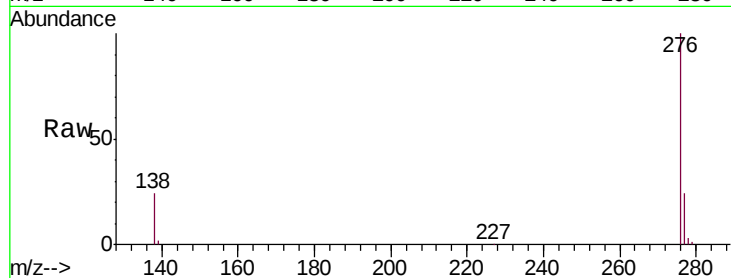
Tgt Ion: 276 Resp: 43752

Ion Ratio Lower Upper

276 100

138 23.7 17.7 26.5

277 23.8 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

