

Data File : BN003779.D
Acq On : 10 Dec 2018 15:22
Operator : JU/SJ
Sample : J6155-23DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4132DL

Quant Time: Dec 11 03:45:09 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	4154	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	16867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8771	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	18815	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14066	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12052	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3536	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	6997	0.13	ng/ul	0.00

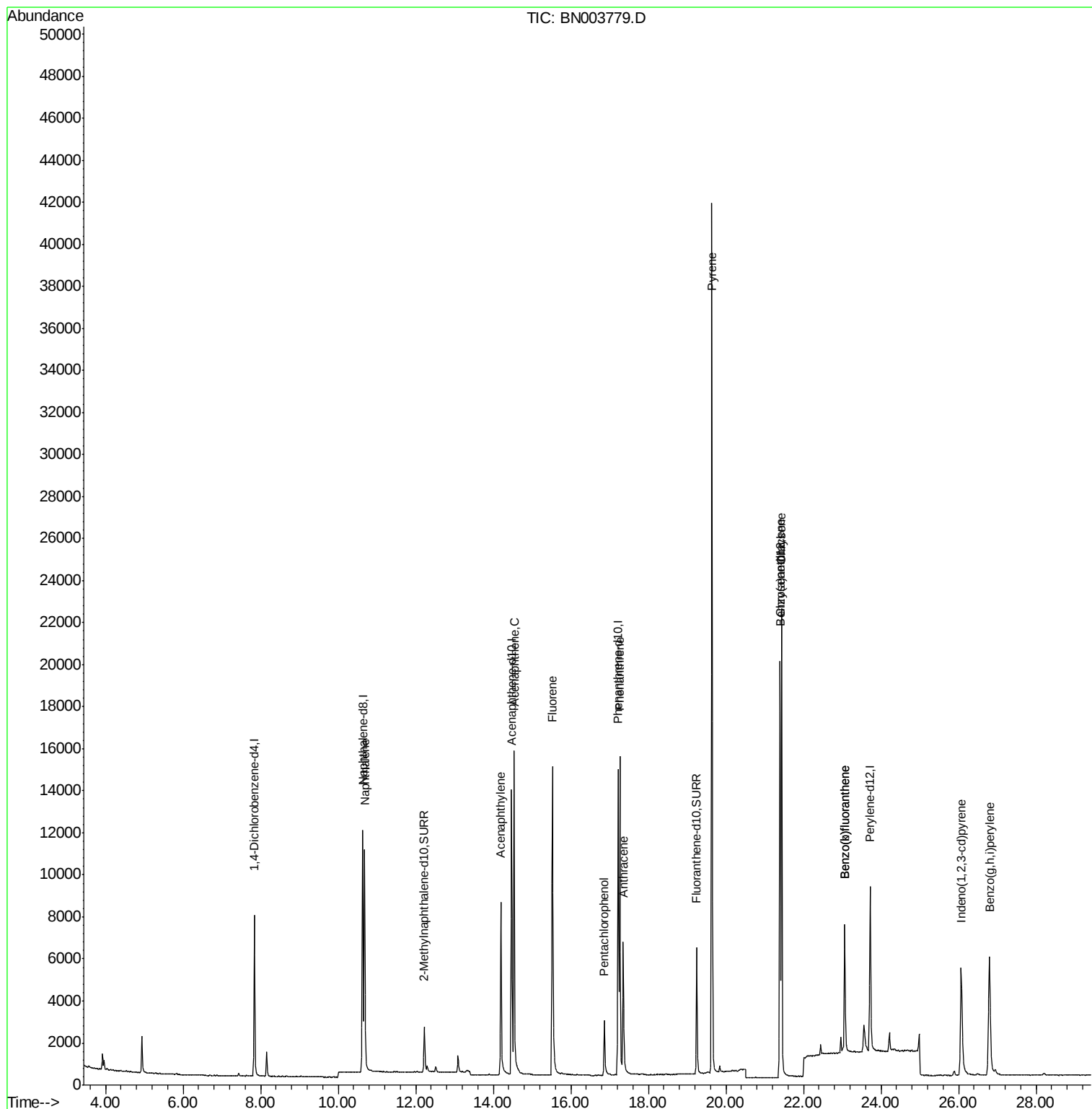
Target Compounds					Qvalue
3) Naphthalene	10.68	128	15416	0.325	ng/ul 99
7) Acenaphthylene	14.19	152	11605	0.294	ng/ul 99
8) Acenaphthene	14.53	153	9921	0.287	ng/ul 99
9) Fluorene	15.52	166	12851	0.318	ng/ul 100
11) Pentachlorophenol	16.86	266	2342	0.691	ng/ul 99
12) Phenanthrene	17.26	178	17077	0.277	ng/ul 99
13) Anthracene	17.35	178	8623	0.170	ng/ul 99
17) Pyrene	19.64	202	36367	0.721	ng/ul 100
18) Benzo(a)anthracene	21.38	228	12789	0.288	ng/ul 98
19) Chrysene	21.44	228	19809	0.390	ng/ul 100
21) Benzo(b)fluoranthene	23.07	252	8651	0.174	ng/ul 91
22) Benzo(k)fluoranthene	23.07	252	8638	0.178	ng/ul# 91
24) Indeno(1,2,3-cd)pyrene	26.07	276	12365	0.250	ng/ul# 92
26) Benzo(g,h,i)perylene	26.79	276	14123	0.328	ng/ul 97

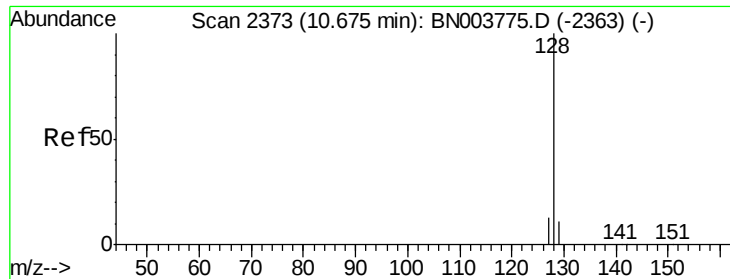
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.325 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

Instrument :

BNA_N

ClientSampleId :

A4132DL

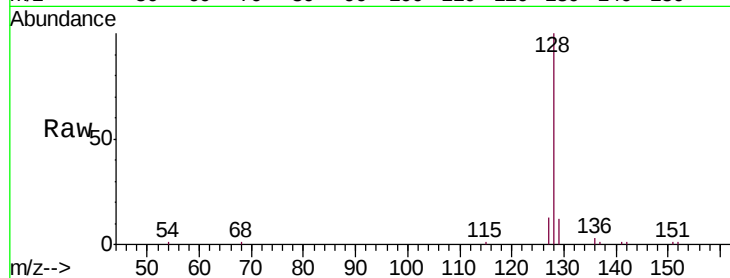
Tgt Ion:128 Resp: 15416

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

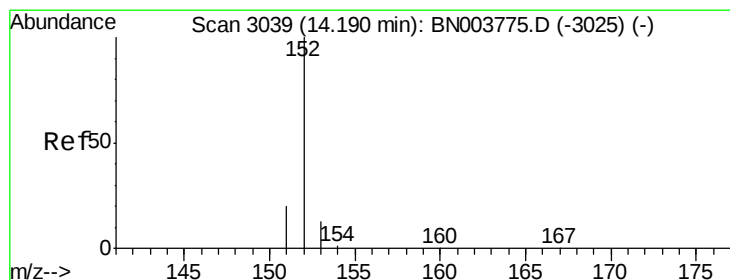
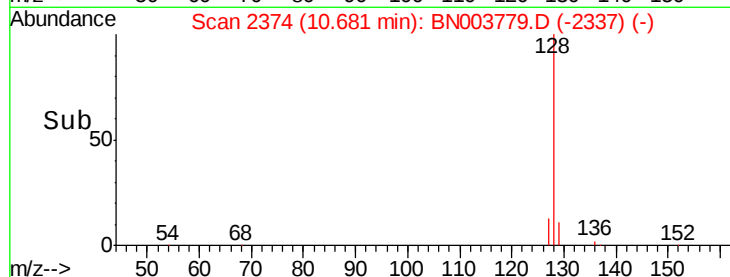
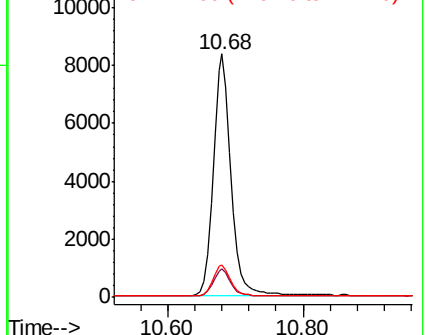
127 13.4 10.5 15.7



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: 0.294 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

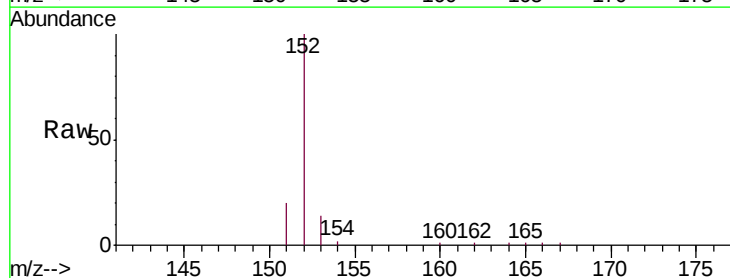
Tgt Ion:152 Resp: 11605

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

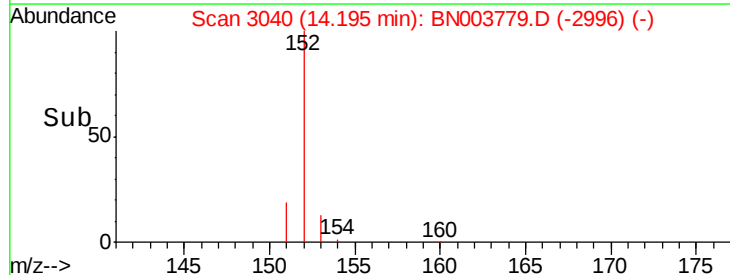
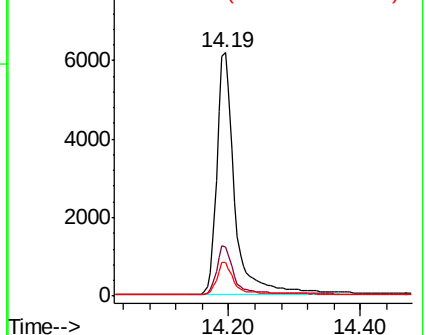
153 13.9 10.7 16.1

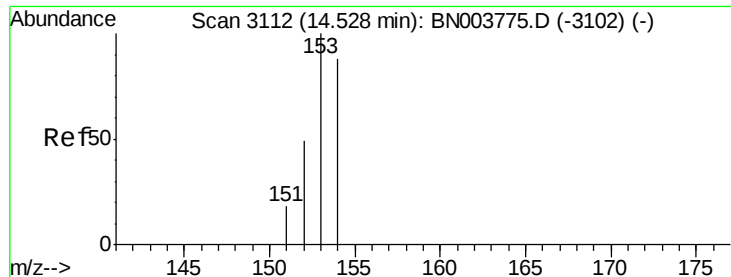


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

Instrument :

BNA_N

ClientSampleId :

A4132DL

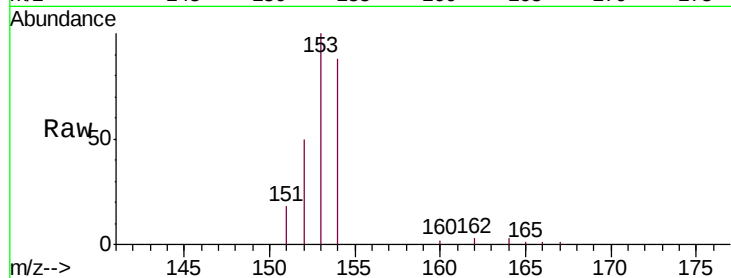
Tgt Ion:153 Resp: 9921

Ion Ratio Lower Upper

153 100

152 49.8 39.3 58.9

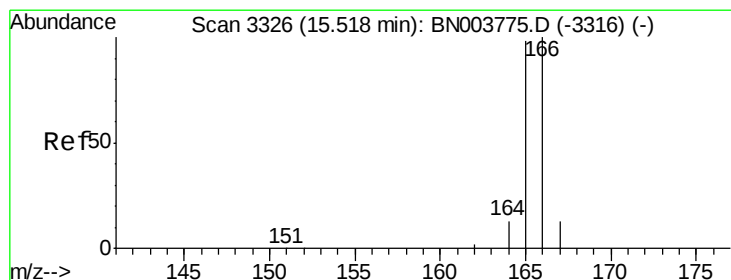
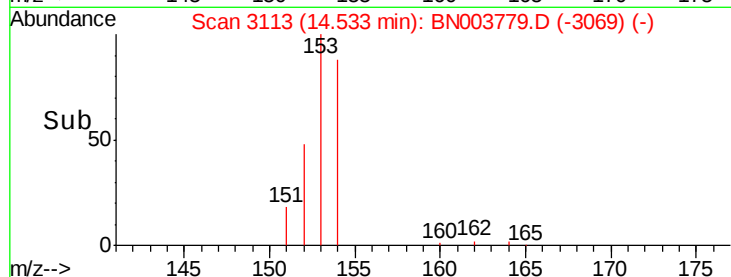
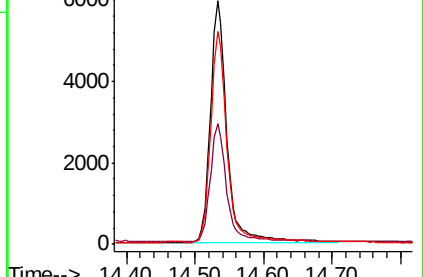
154 87.5 70.3 105.5



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: 0.318 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

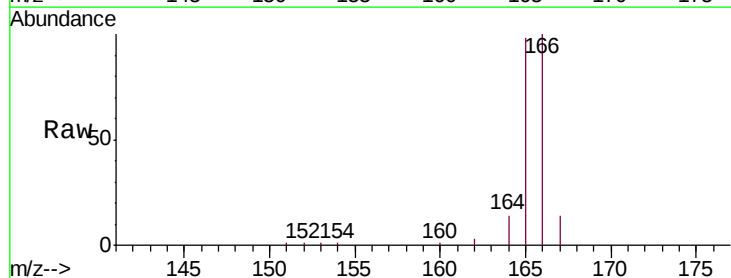
Tgt Ion:166 Resp: 12851

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

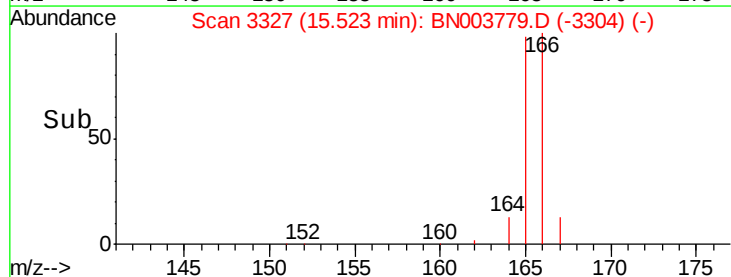
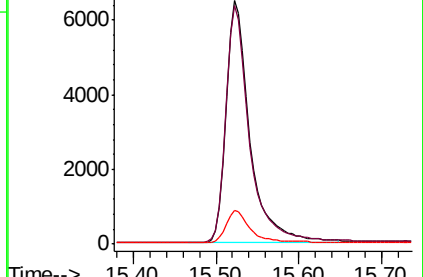
167 13.7 11.3 16.9

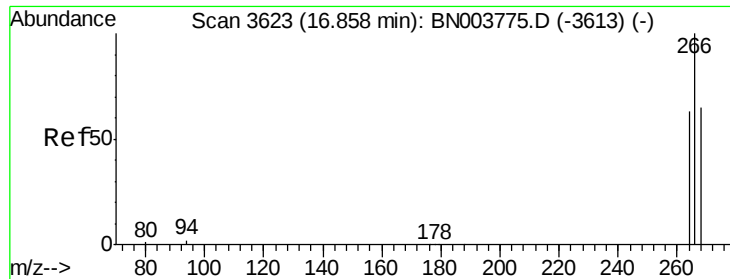


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

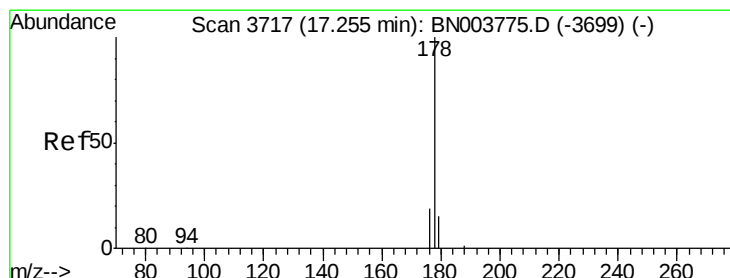
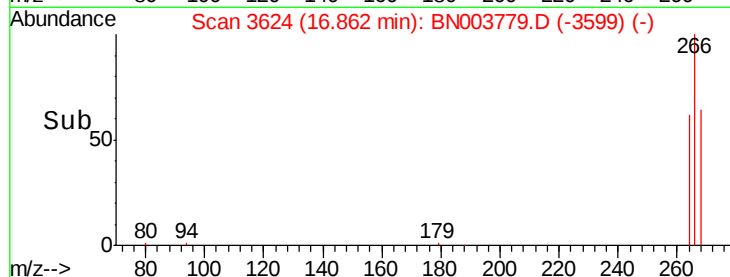
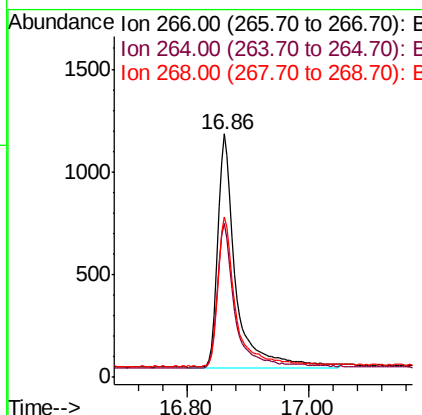
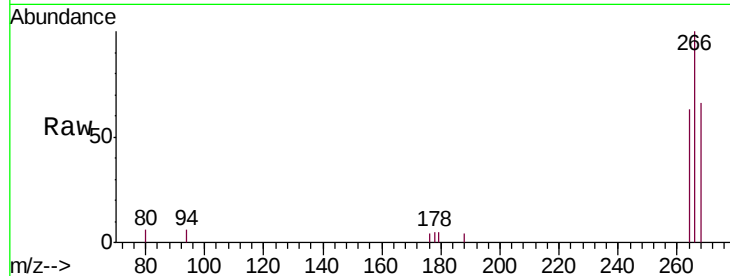




#11
 Pentachlorophenol
 Concen: 0.691 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN003779.D
 Acq: 10 Dec 2018 15:22

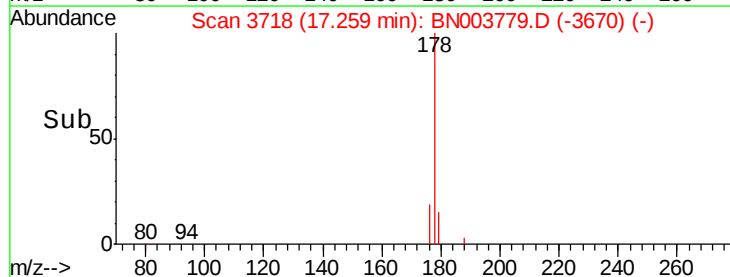
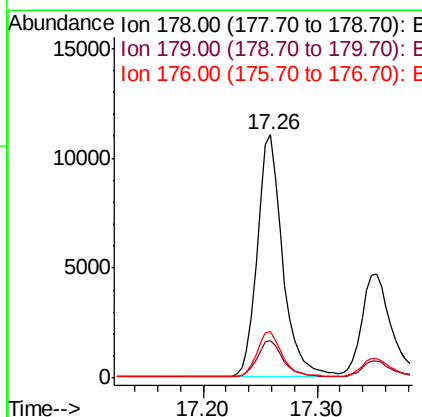
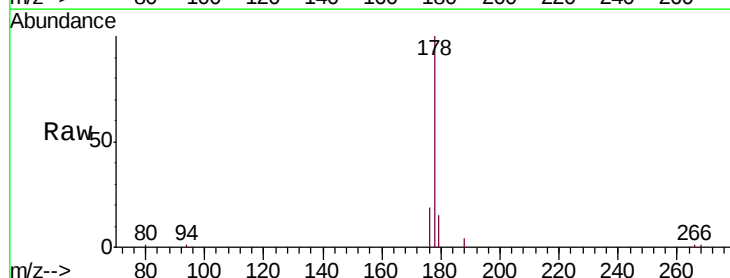
Instrument :
 BNA_N
 ClientSampleId :
 A4132DL

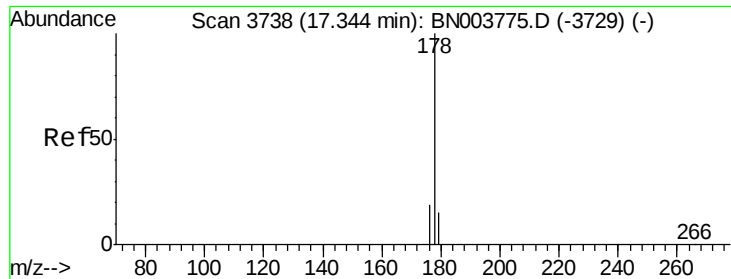
Tgt Ion:266 Resp: 2342
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.4 74.2
 268 64.8 51.7 77.5



#12
 Phenanthrene
 Concen: 0.277 ng/ul
 RT: 17.26 min Scan# 3718
 Delta R.T. 0.00 min
 Lab File: BN003779.D
 Acq: 10 Dec 2018 15:22

Tgt Ion:178 Resp: 17077
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 19.1 15.0 22.4





#13

Anthracene

Concen: 0.170 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.01 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

Instrument :

BNA_N

ClientSampled :

A4132DL

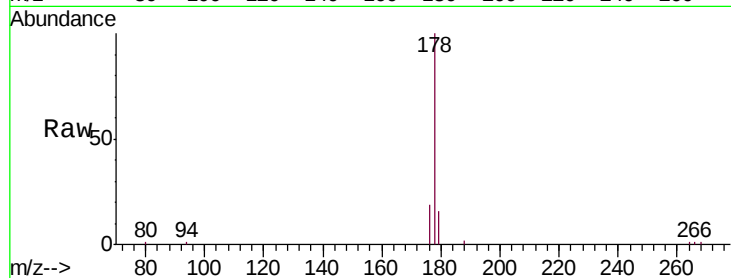
Tgt Ion:178 Resp: 8623

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

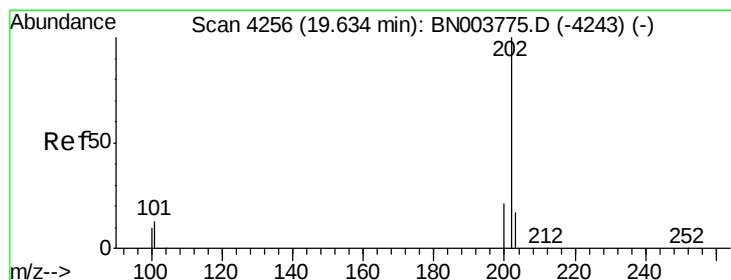
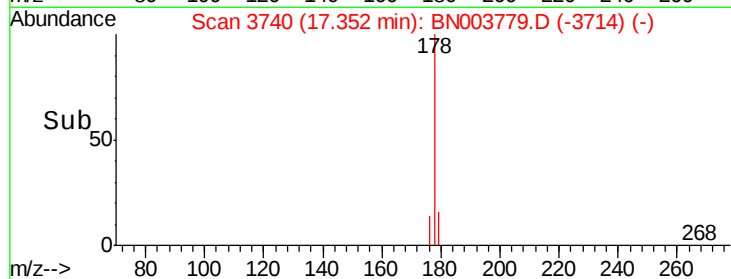
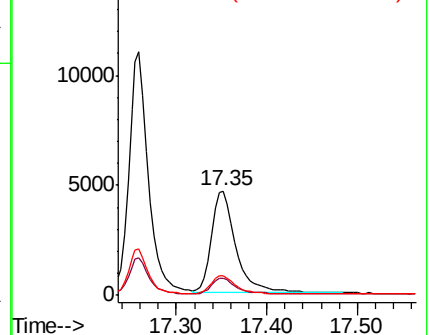
176 18.8 14.8 22.2



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



#17

Pyrene

Concen: 0.721 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

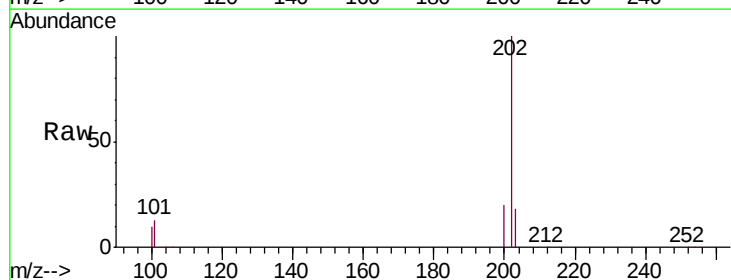
Tgt Ion:202 Resp: 36367

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

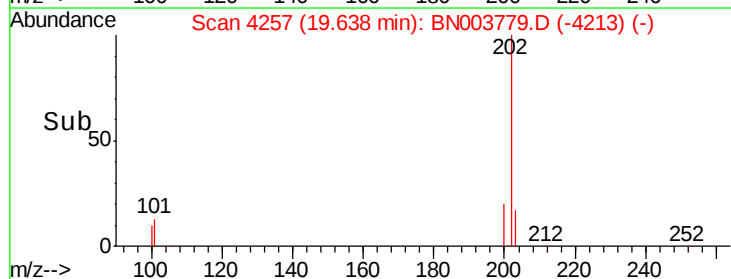
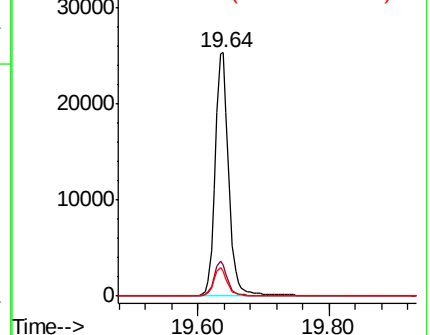
100 10.4 8.5 12.7

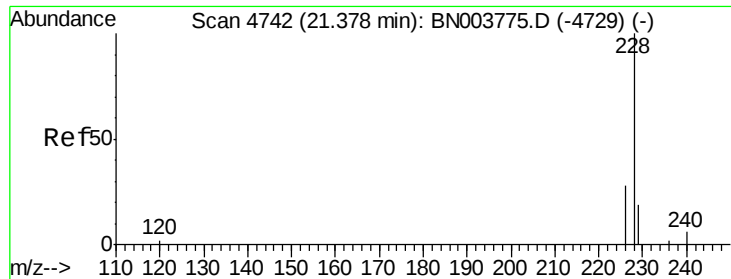


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.288 ng/ul

RT: 21.38 min Scan# 4745

Delta R.T. 0.01 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

Instrument :

BNA_N

ClientSampleId :

A4132DL

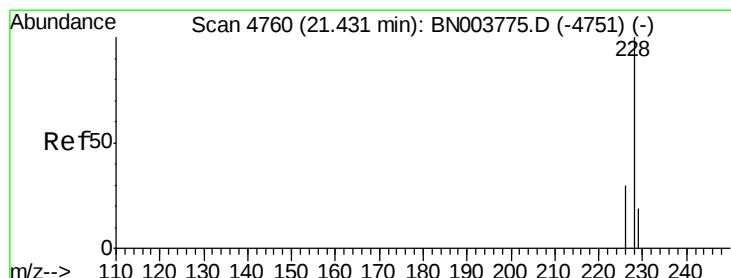
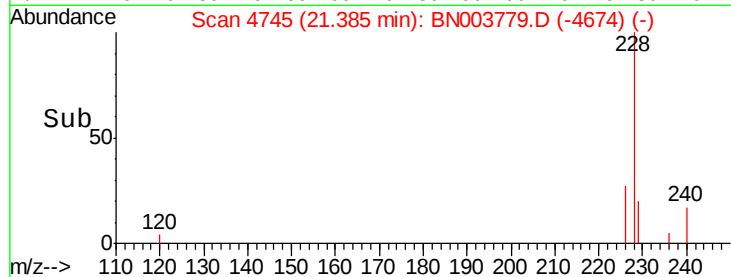
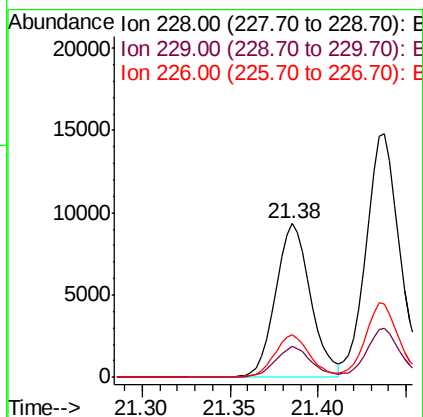
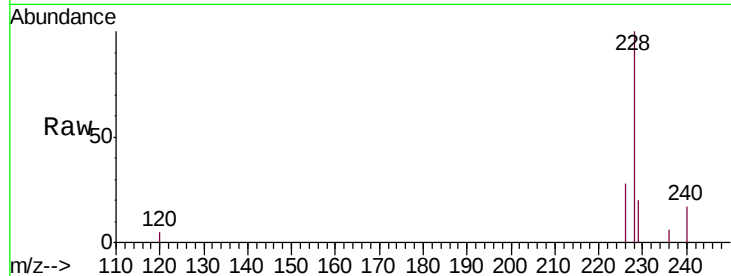
Tgt Ion:228 Resp: 12789

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 27.6 21.1 31.7



#19

Chrysene

Concen: 0.390 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.01 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

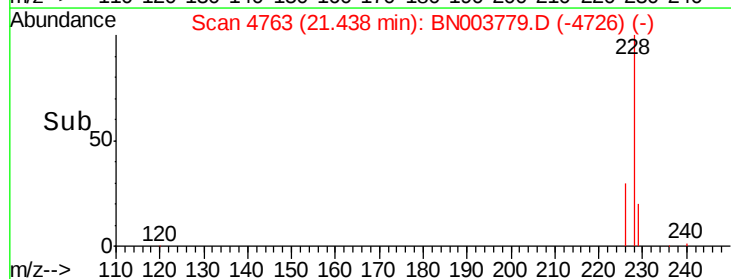
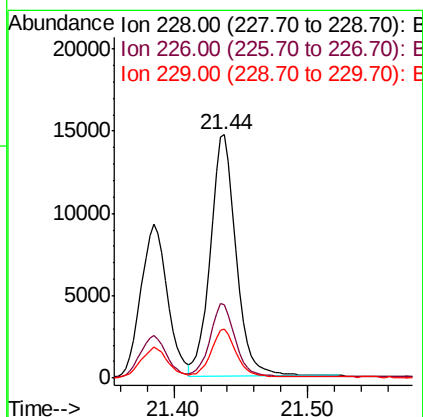
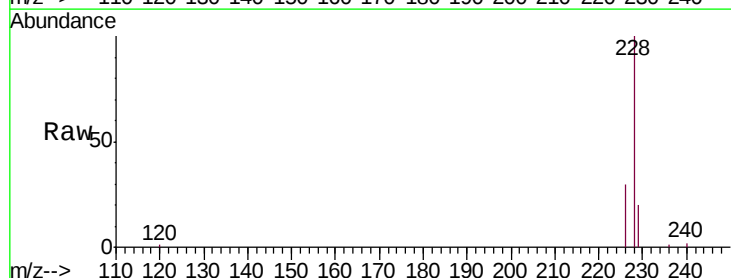
Tgt Ion:228 Resp: 19809

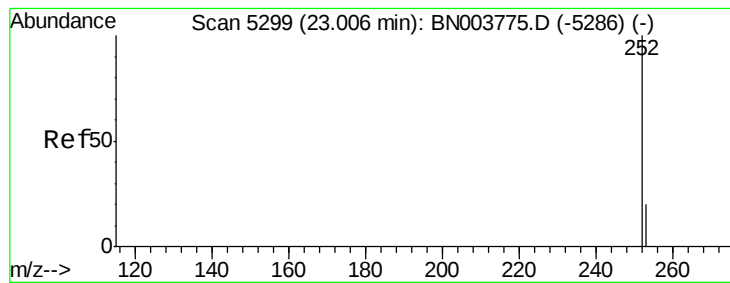
Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.9 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.174 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. 0.06 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

Instrument :

BNA_N

ClientSampleId :

A4132DL

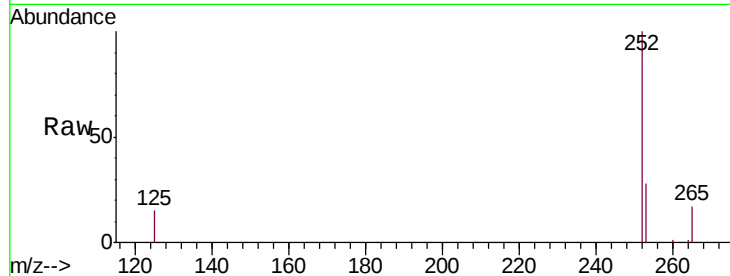
Tgt Ion:252 Resp: 8651

Ion Ratio Lower Upper

252 100

253 27.7 0.0 46.0

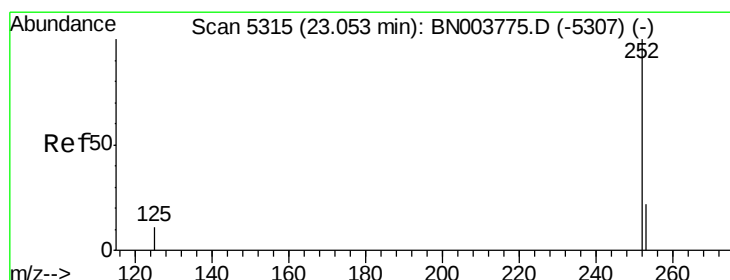
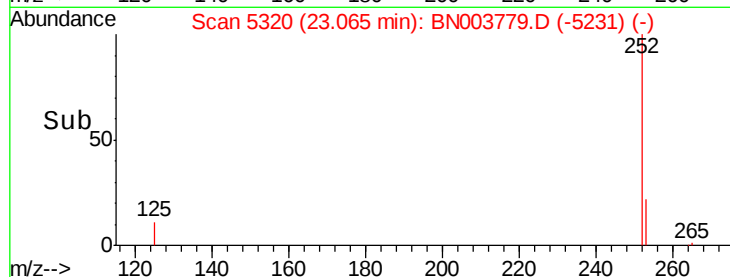
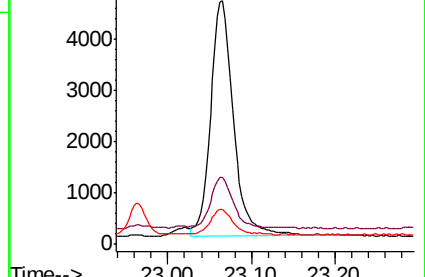
125 14.5 0.0 22.4



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: 0.178 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. 0.01 min

Lab File: BN003779.D

Acq: 10 Dec 2018 15:22

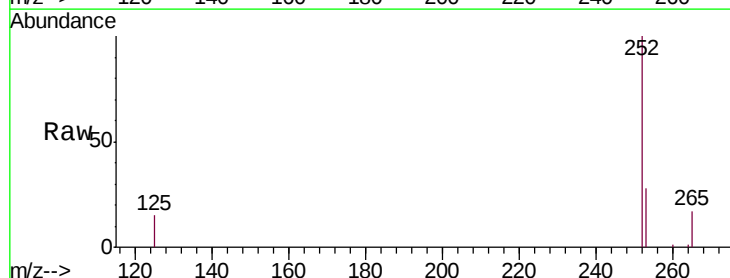
Tgt Ion:252 Resp: 8638

Ion Ratio Lower Upper

252 100

253 27.7 18.5 27.7#

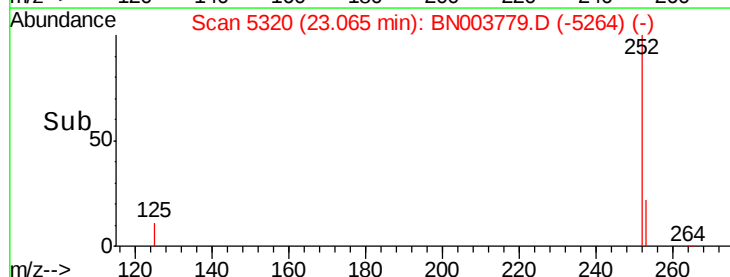
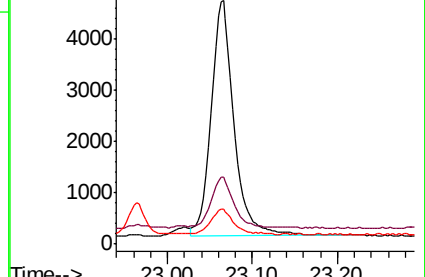
125 14.5 9.0 13.6#

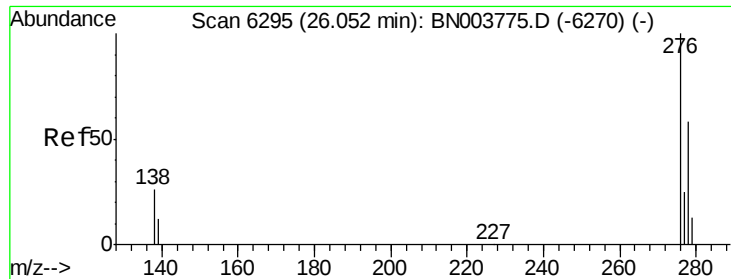


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



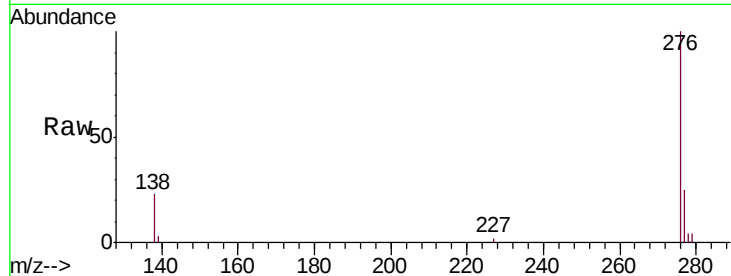


#24

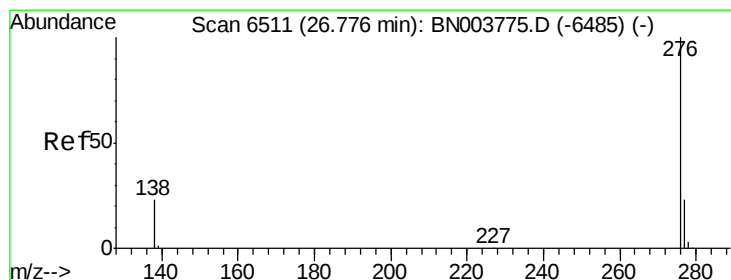
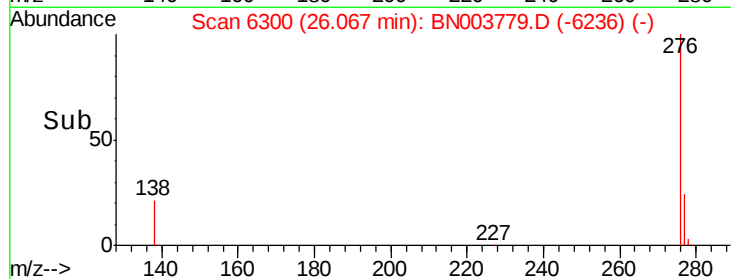
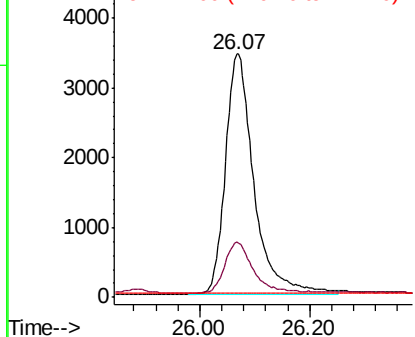
Indeno(1,2,3-cd)pyrene
Concen: 0.250 ng/u1
RT: 26.07 min Scan# 6300
Delta R.T. 0.01 min
Lab File: BN003779.D
Acq: 10 Dec 2018 15:22

Instrument :
BNA_N
ClientSampleId :
A4132DL

Tgt Ion:276 Resp: 12365
Ion Ratio Lower Upper
276 100
138 21.3 20.3 30.5
227 0.0 0.2 0.2#



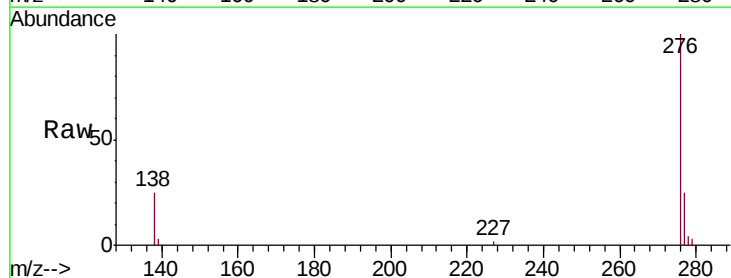
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.328 ng/u1
RT: 26.79 min Scan# 6517
Delta R.T. 0.02 min
Lab File: BN003779.D
Acq: 10 Dec 2018 15:22

Tgt Ion:276 Resp: 14123
Ion Ratio Lower Upper
276 100
138 24.7 17.7 26.5
277 24.7 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

