

Data File : BN003433.D
Acq On : 05 Nov 2018 17:11
Operator : MJ/SJ
Sample : J5704-10DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K2DL

Quant Time: Nov 06 01:48:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 06 01:43:43 2018
Response via : Initial Calibration

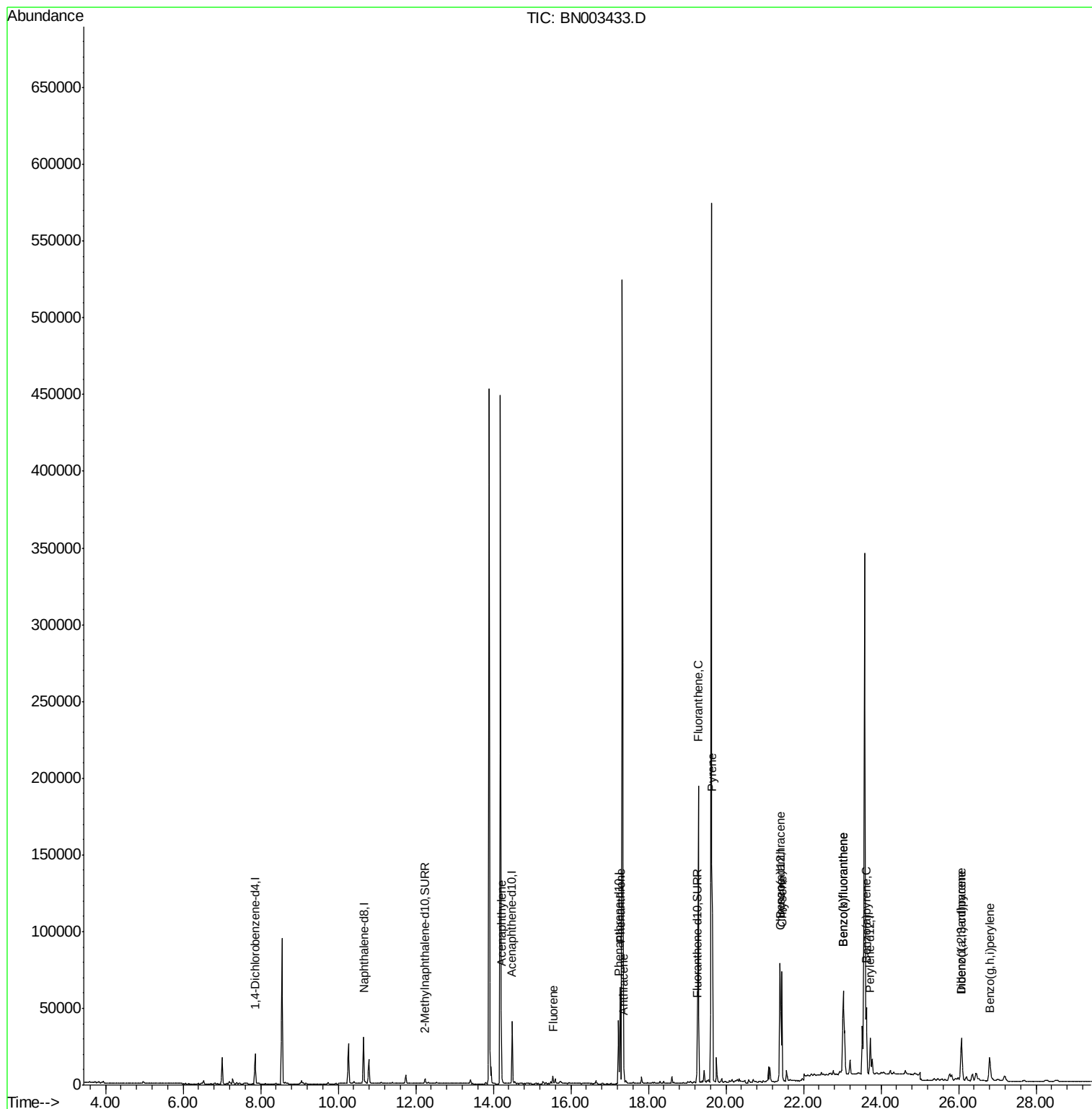
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9686	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	40566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	22320	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	47994	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	33560	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	32502	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	4303	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	8239	0.06	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	9982	0.103	ng/ul	98
9) Fluorene	15.54	166	3201	0.031	ng/ul#	98
12) Phenanthrene	17.27	178	62942	0.400	ng/ul	100
13) Anthracene	17.36	178	9906	0.077	ng/ul	98
15) Fluoranthene	19.29	202	162853	0.921	ng/ul	100
17) Pyrene	19.65	202	132107	1.082	ng/ul	97
18) Benzo(a)anthracene	21.39	228	58561	0.557	ng/ul	96
19) Chrysene	21.44	228	67290	0.563	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	121852	0.870	ng/ul	94
22) Benzo(k)fluoranthene	23.02	252	121852	0.898	ng/ul#	94
23) Benzo(a)pyrene	23.62	252	58674	0.502	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.07	276	44521	0.356	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	11089	0.109	ng/ul#	70
26) Benzo(g,h,i)perylene	26.80	276	32909	0.307	ng/ul	95

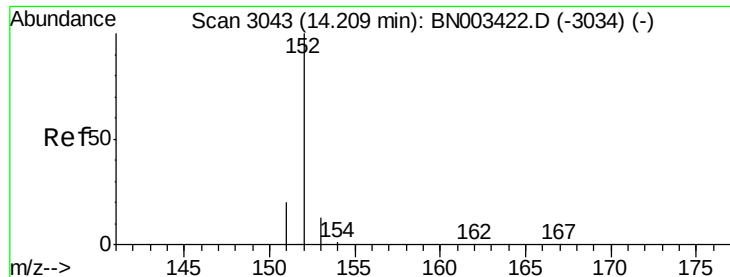
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.103 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

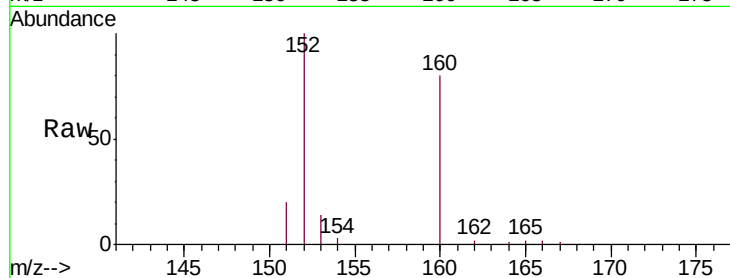
Tgt Ion:152 Resp: 9982

Ion Ratio Lower Upper

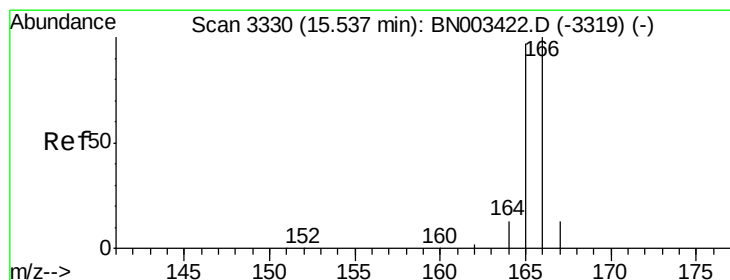
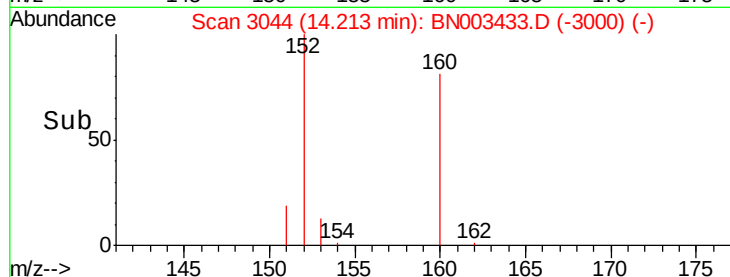
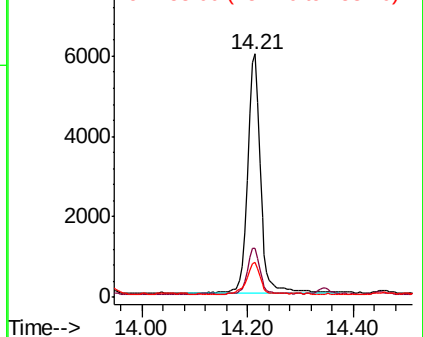
152 100

151 20.1 15.6 23.4

153 14.5 10.4 15.6



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



#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

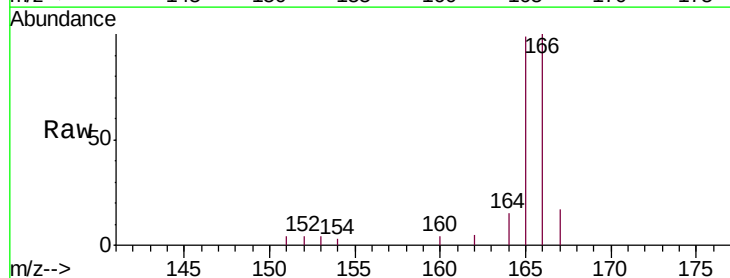
Tgt Ion:166 Resp: 3201

Ion Ratio Lower Upper

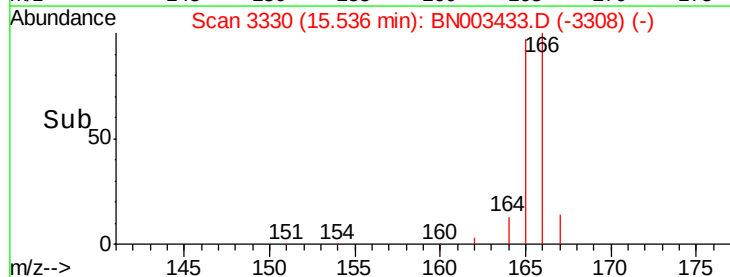
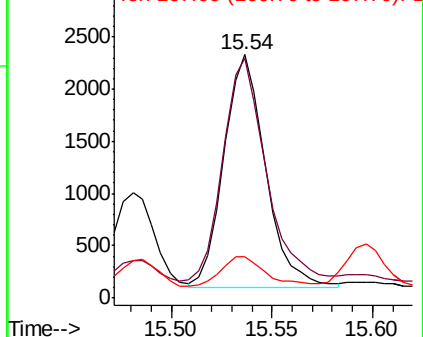
166 100

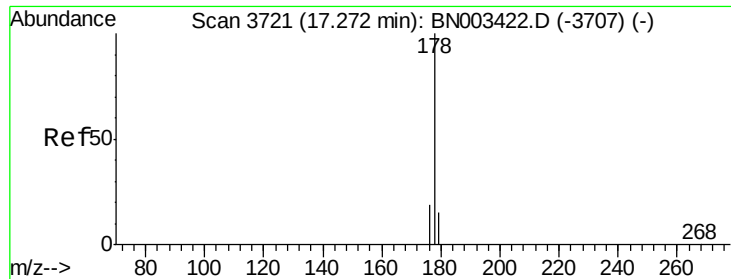
165 98.8 78.3 117.5

167 17.1 10.8 16.2#



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





#12

Phenanthrene

Concen: 0.400 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

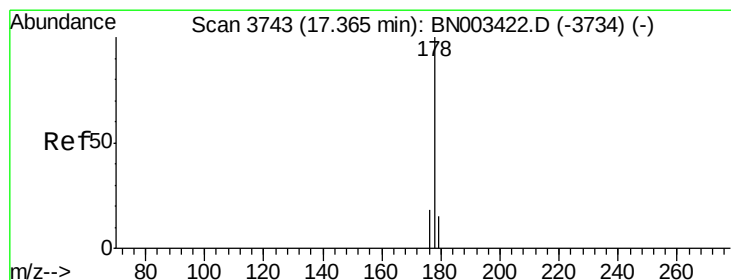
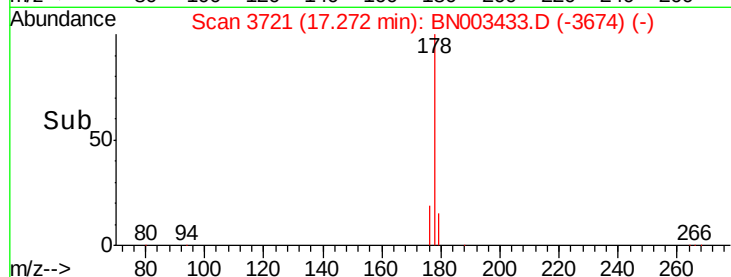
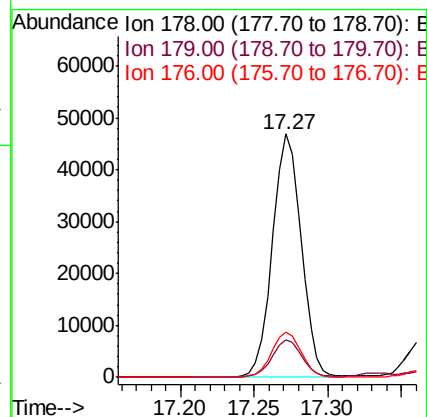
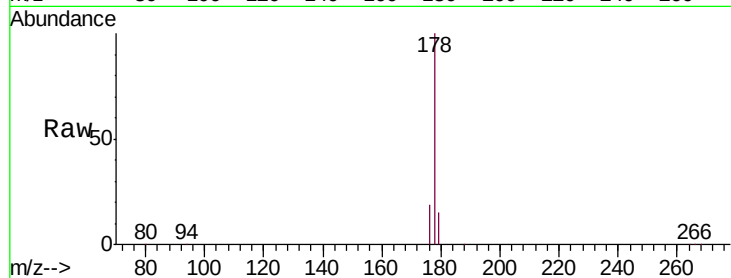
Tgt Ion:178 Resp: 62942

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.8 15.0 22.4



#13

Anthracene

Concen: 0.077 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

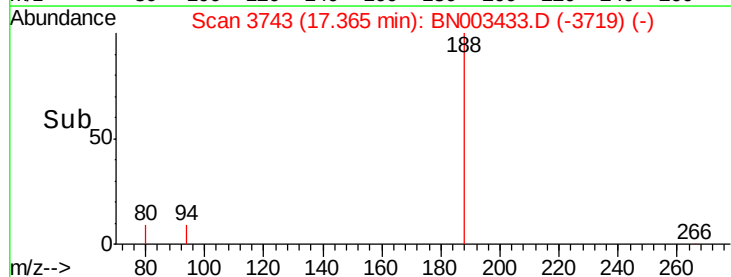
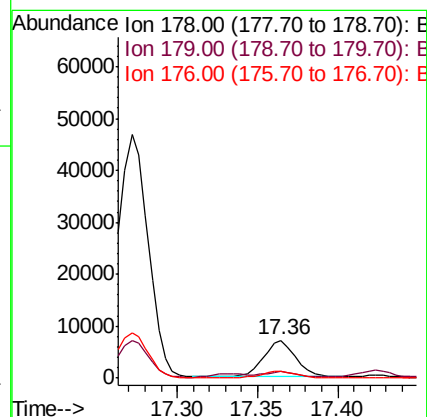
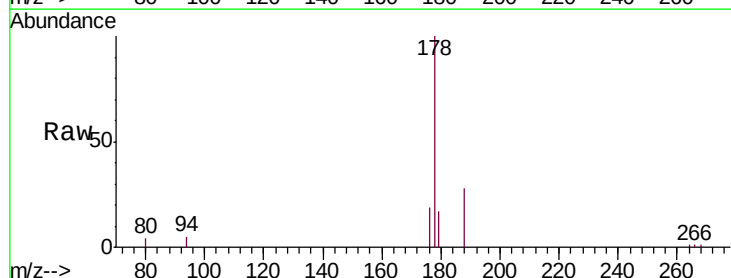
Tgt Ion:178 Resp: 9906

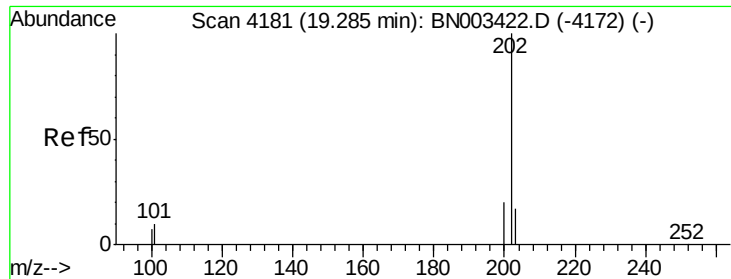
Ion Ratio Lower Upper

178 100

179 17.1 12.2 18.2

176 18.5 14.7 22.1





#15

Fluoranthene

Concen: 0.921 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

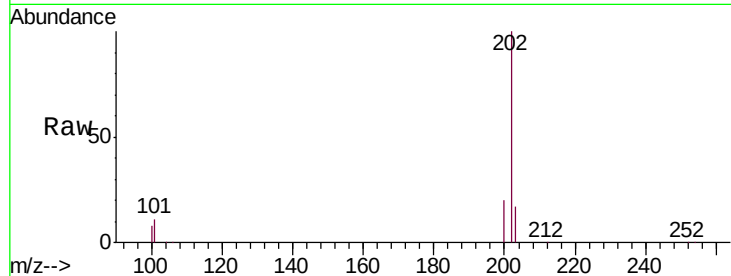
Tgt Ion:202 Resp: 162853

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

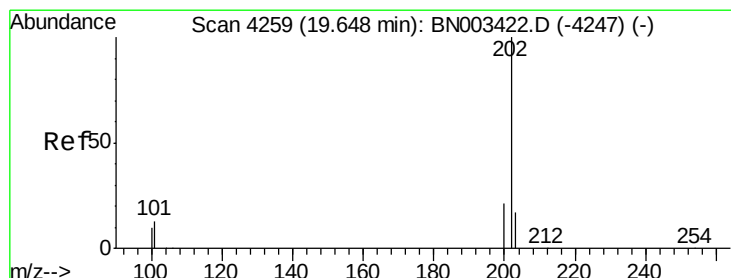
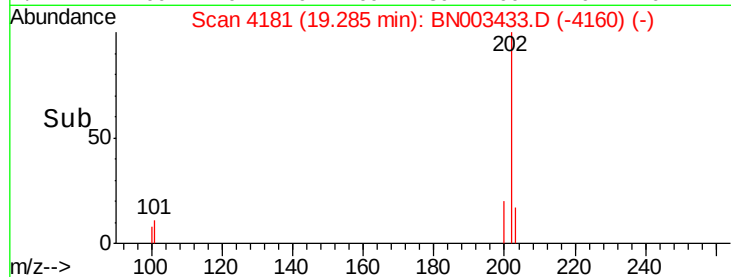
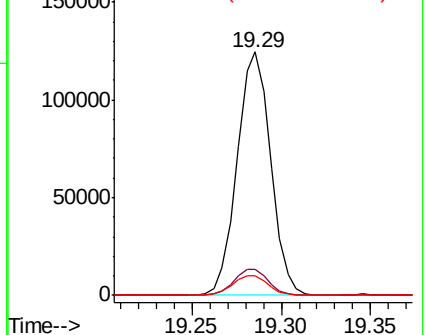
100 7.8 0.0 28.0



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: 1.082 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

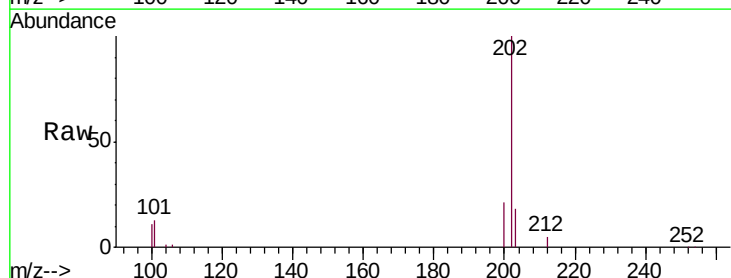
Tgt Ion:202 Resp: 132107

Ion Ratio Lower Upper

202 100

101 13.0 9.5 14.3

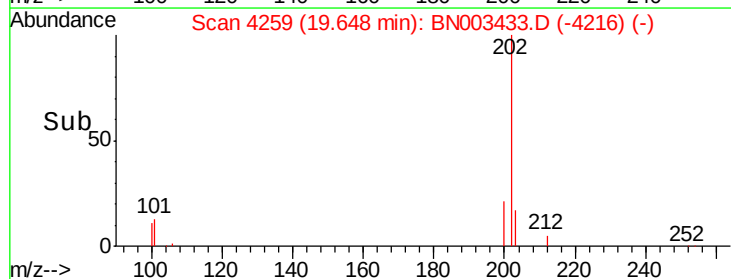
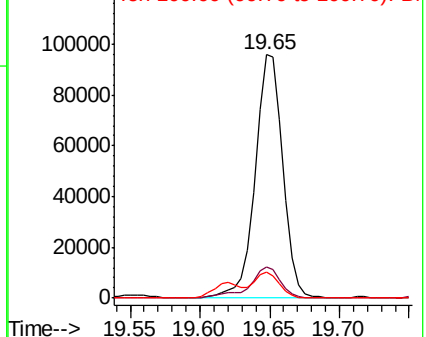
100 10.5 7.5 11.3

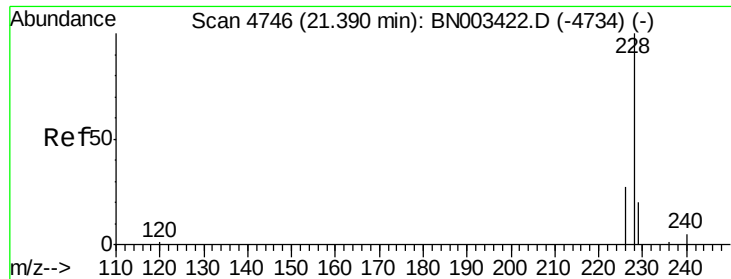


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.557 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

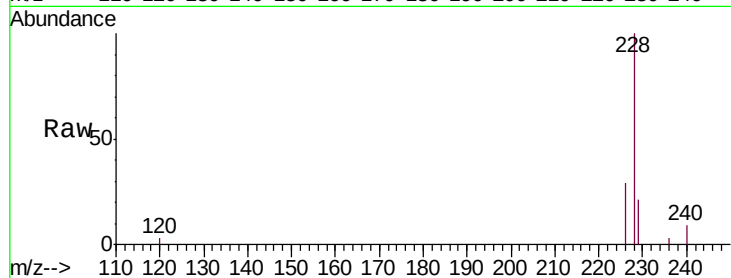
Tgt Ion:228 Resp: 58561

Ion Ratio Lower Upper

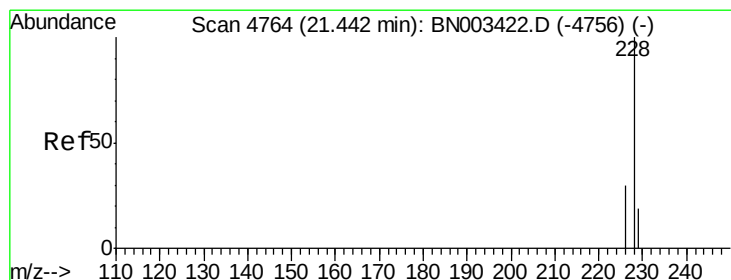
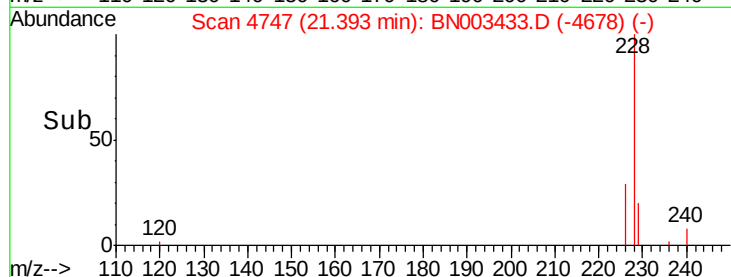
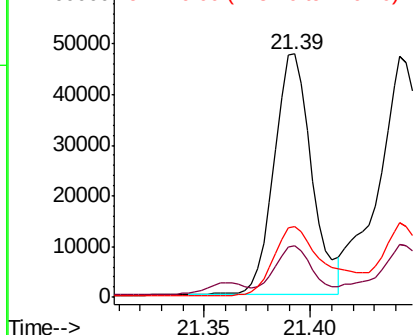
228 100

229 20.9 15.5 23.3

226 29.2 21.5 32.3



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: 0.563 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

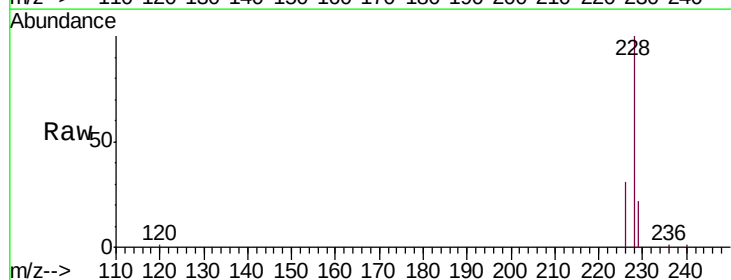
Tgt Ion:228 Resp: 67290

Ion Ratio Lower Upper

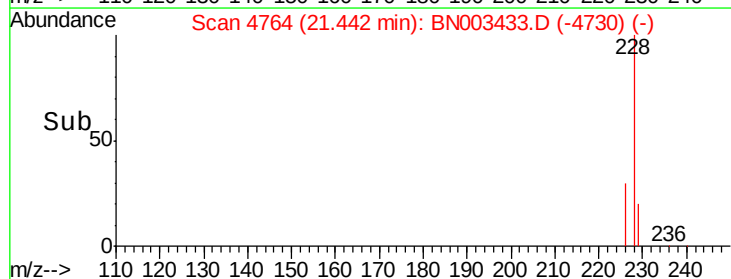
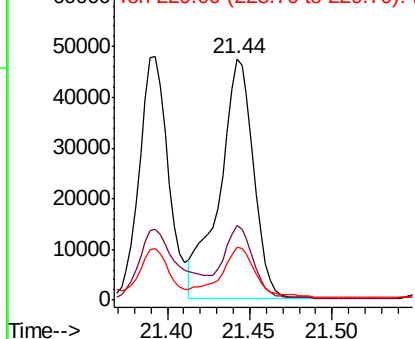
228 100

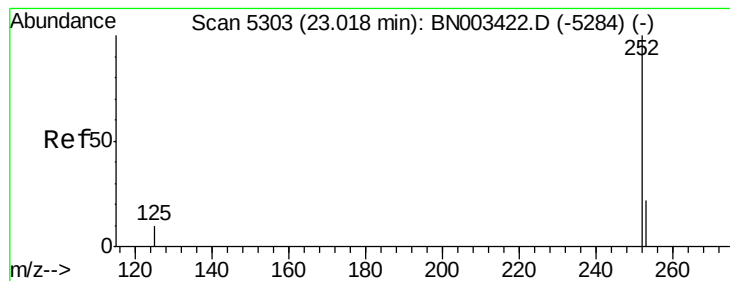
226 30.7 23.8 35.6

229 21.7 15.5 23.3



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: 0.870 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.01 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

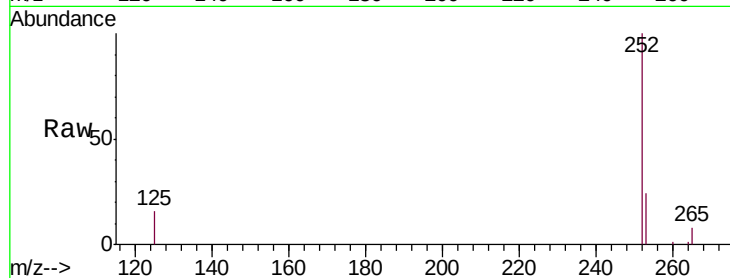
Tgt Ion:252 Resp: 121852

Ion Ratio Lower Upper

252 100

253 24.2 0.0 45.6

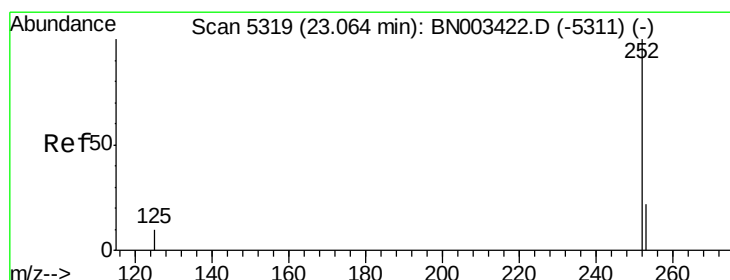
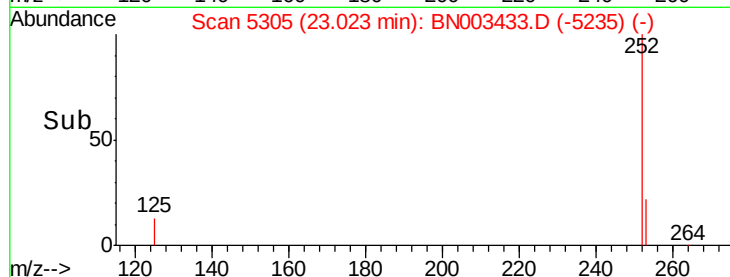
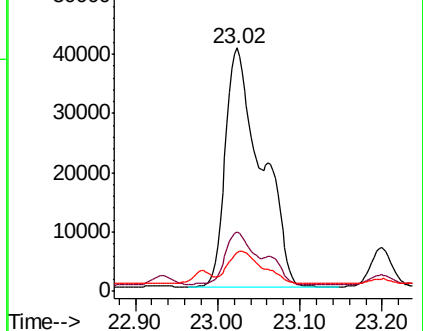
125 15.7 0.0 21.8



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: 0.898 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.04 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

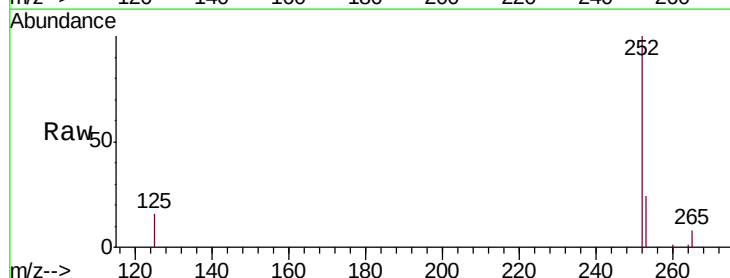
Tgt Ion:252 Resp: 121852

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

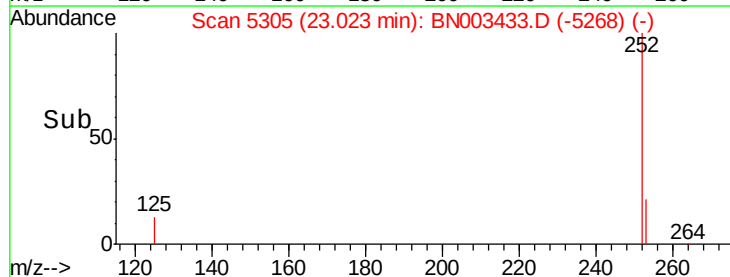
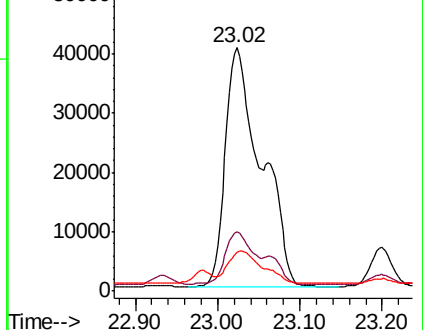
125 15.7 8.6 13.0#

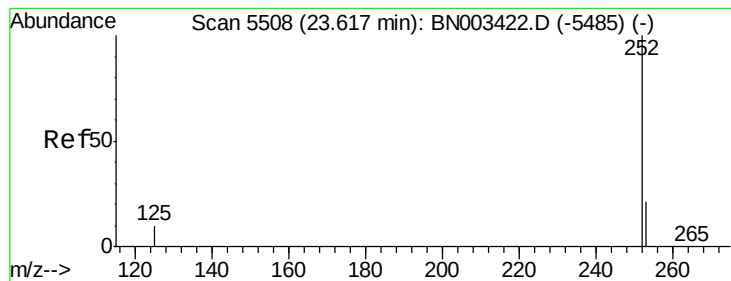


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.502 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

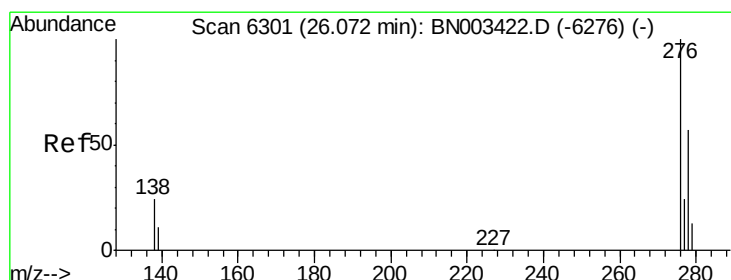
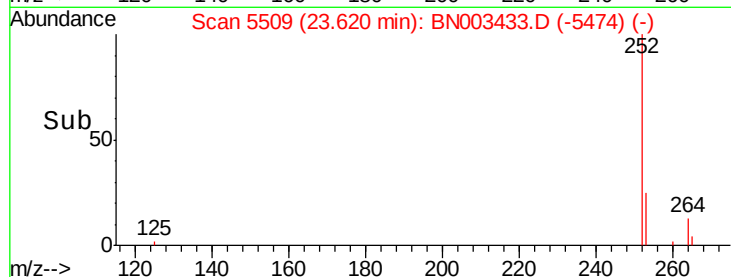
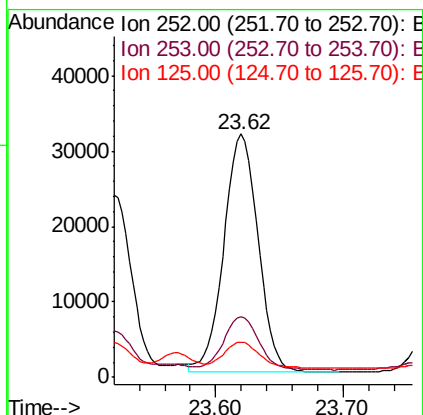
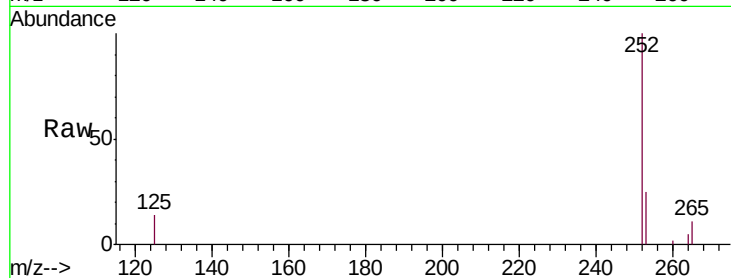
Tgt Ion:252 Resp: 58674

Ion Ratio Lower Upper

252 100

253 25.1 18.5 27.7

125 14.2 9.9 14.9



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.07 min Scan# 6301

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

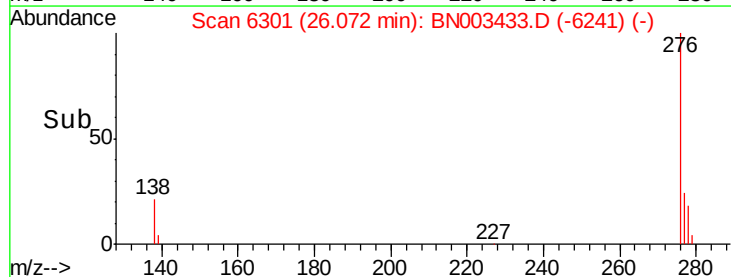
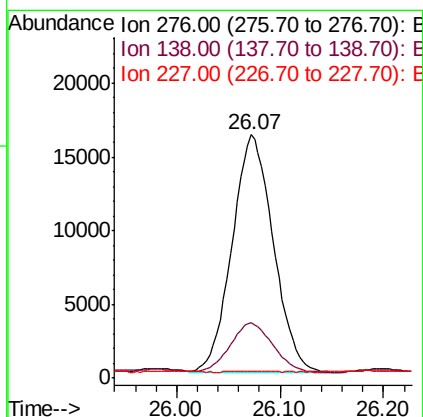
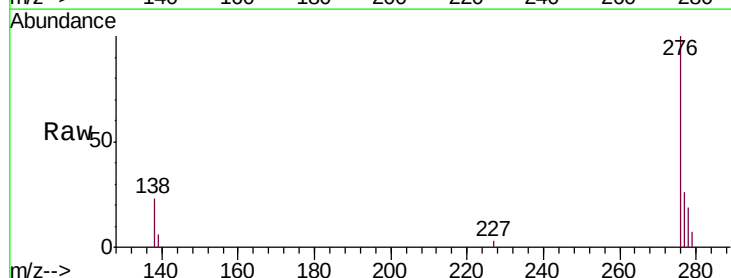
Tgt Ion:276 Resp: 44521

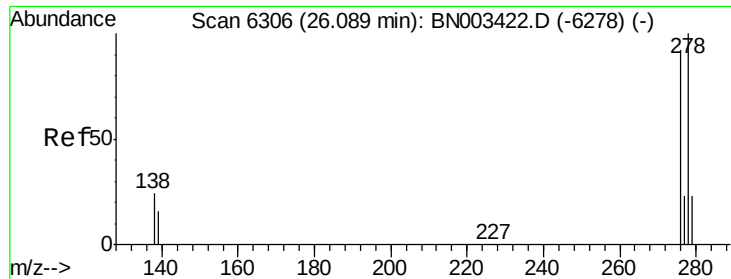
Ion Ratio Lower Upper

276 100

138 21.5 19.8 29.8

227 0.1 0.2 0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.109 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

A40K2DL

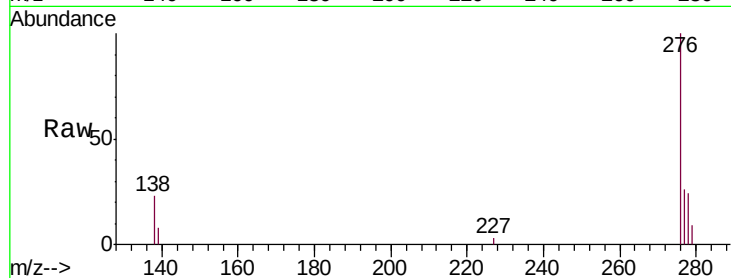
Tgt Ion: 278 Resp: 11089

Ion Ratio Lower Upper

278 100

139 32.5 13.1 19.7#

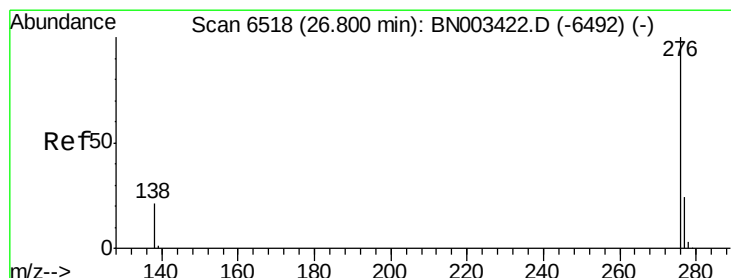
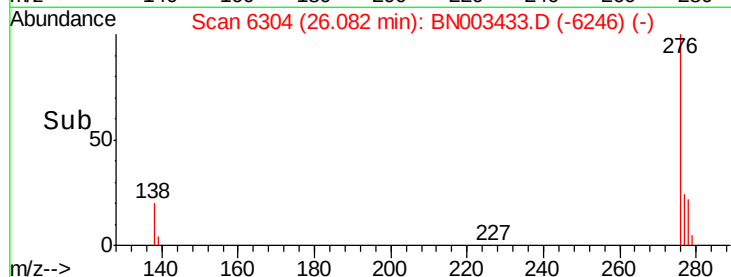
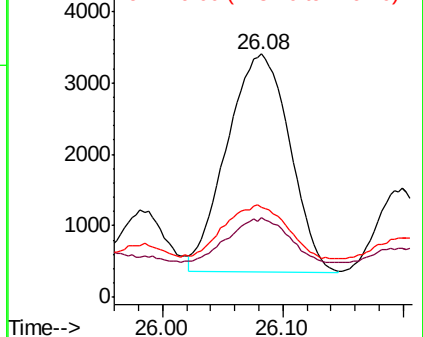
279 36.9 19.5 29.3#



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: 0.307 ng/ul

RT: 26.80 min Scan# 6518

Delta R.T. -0.00 min

Lab File: BN003433.D

Acq: 05 Nov 2018 17:11

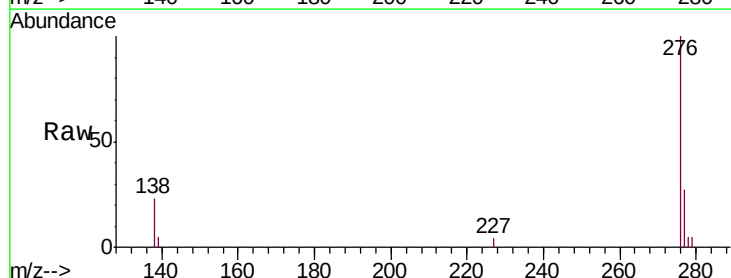
Tgt Ion: 276 Resp: 32909

Ion Ratio Lower Upper

276 100

138 23.4 17.0 25.6

277 26.7 19.2 28.8



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

