

Data File : BN003434.D
Acq On : 05 Nov 2018 17:46
Operator : MJ/SJ
Sample : J5635-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5DL

Quant Time: Nov 06 01:48:24 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	9537	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	39905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	21892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	47989	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	35154	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	33874	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	3989	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8672	0.06	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.70	128	5764	0.051	ng/ul#	95
5) 2-Methylnaphthalene	12.31	142	2738	0.034	ng/ul	100
7) Acenaphthylene	14.21	152	30789	0.324	ng/ul	99
8) Acenaphthene	14.55	153	2027	0.024	ng/ul	94
9) Fluorene	15.54	166	6926	0.069	ng/ul#	99
12) Phenanthrene	17.27	178	246900	1.569	ng/ul	100
13) Anthracene	17.36	178	76405	0.596	ng/ul	99
15) Fluoranthene	19.29	202	1114429	6.300	ng/ul	99
17) Pyrene	19.65	202	894141	6.992	ng/ul	100
18) Benzo(a)anthracene	21.39	228	439125	3.984	ng/ul	98
19) Chrysene	21.45	228	388481	3.101	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	659826	4.521	ng/ul	100
22) Benzo(k)fluoranthene	23.02	252	659913	4.668	ng/ul	100
23) Benzo(a)pyrene	23.62	252	328611	2.696	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.08	276	217423	1.666	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.08	278	59357	0.558	ng/ul#	87
26) Benzo(g,h,i)perylene	26.80	276	143397	1.282	ng/ul	98

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

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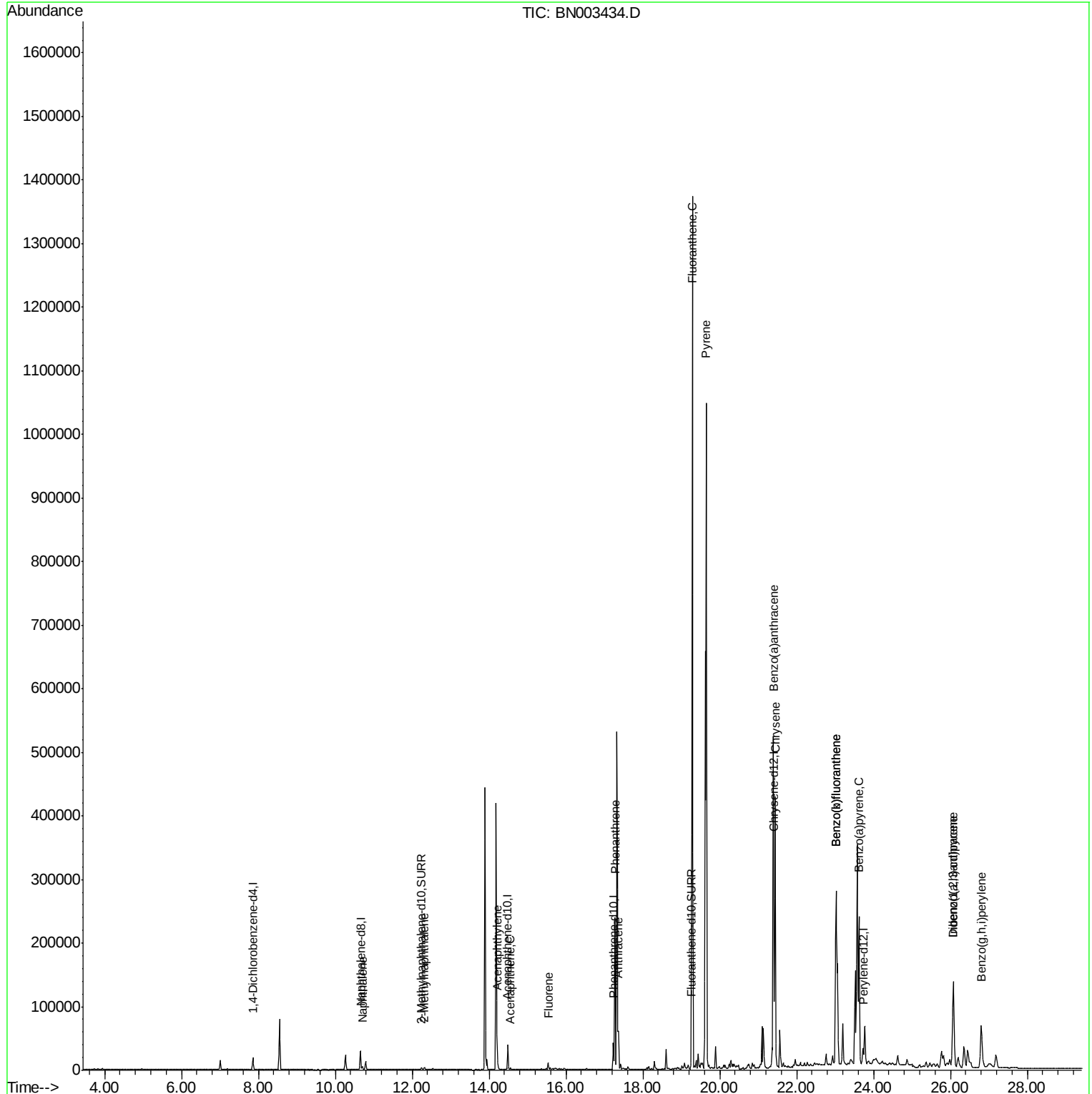
Quant Time: Nov 06 01:48:24 2018

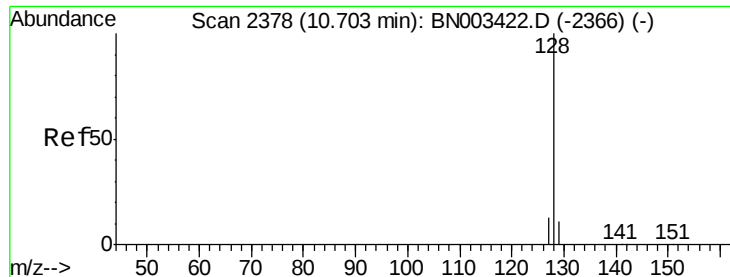
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 06 01:43:43 2018

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

A40J5DL

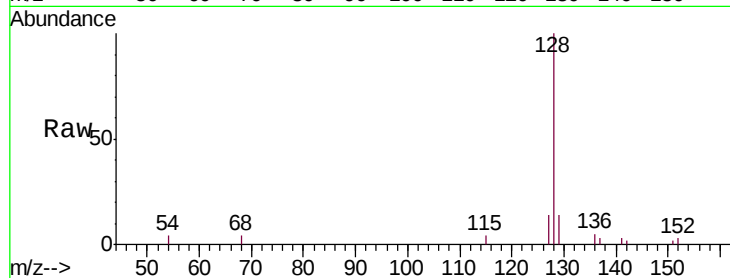
Tgt Ion:128 Resp: 5764

Ion Ratio Lower Upper

128 100

129 13.7 9.0 13.6#

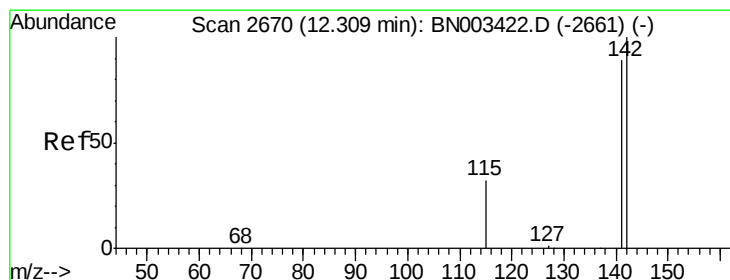
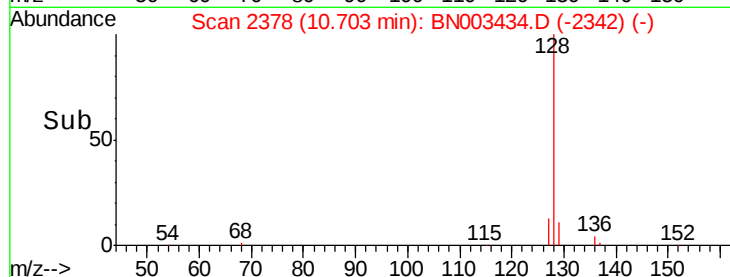
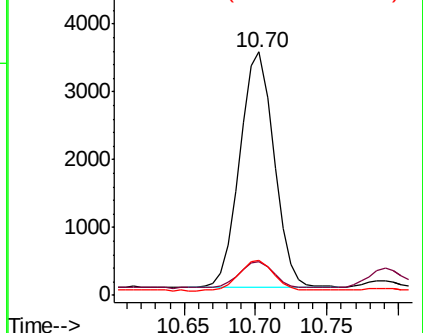
127 14.4 10.5 15.7



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



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.01 min

Lab File: BN003434.D

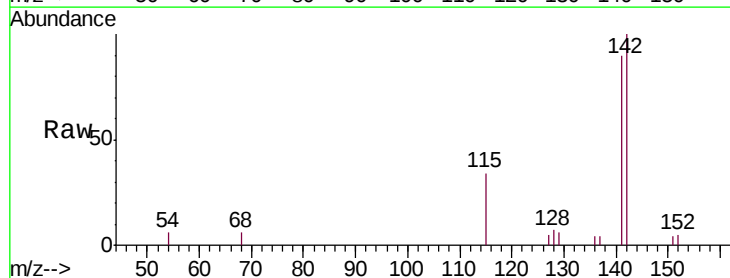
Acq: 05 Nov 2018 17:46

Tgt Ion:142 Resp: 2738

Ion Ratio Lower Upper

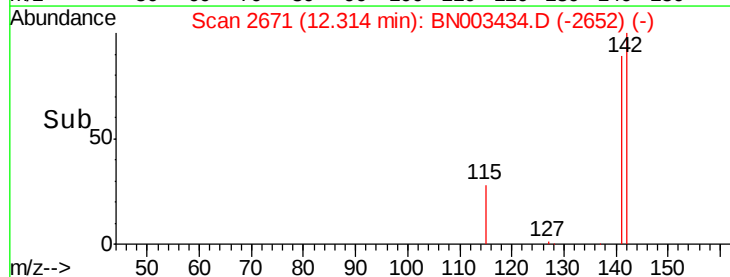
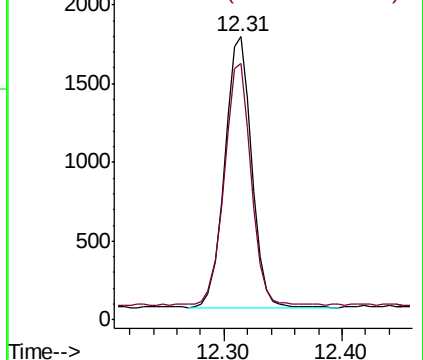
142 100

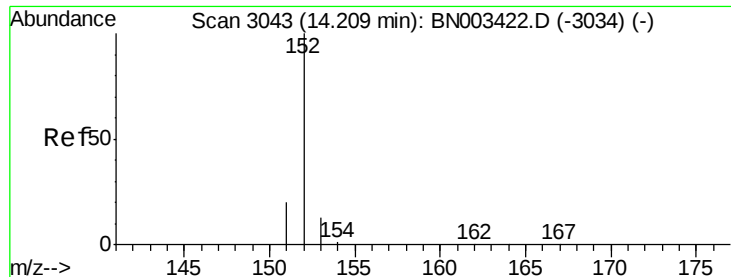
141 89.2 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.324 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

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A40J5DL

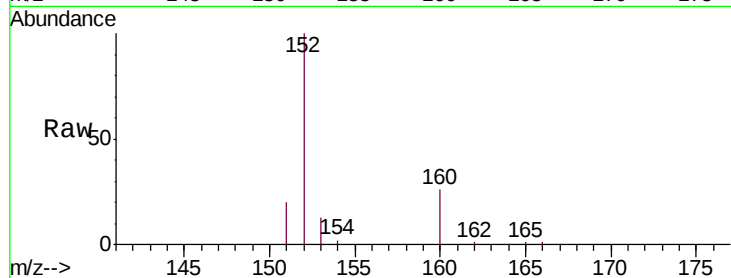
Tgt Ion:152 Resp: 30789

Ion Ratio Lower Upper

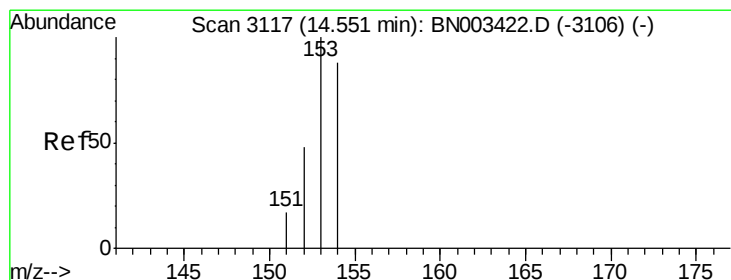
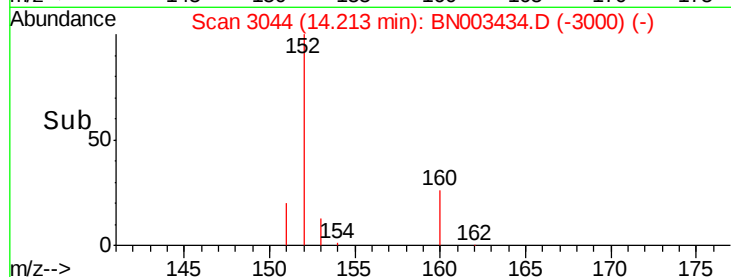
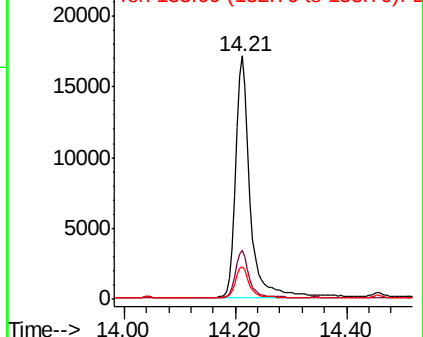
152 100

151 19.9 15.6 23.4

153 13.5 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



#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

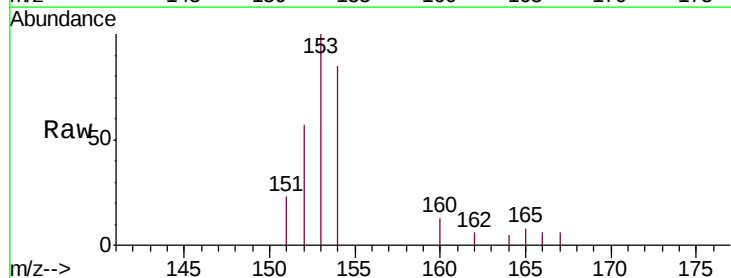
Tgt Ion:153 Resp: 2027

Ion Ratio Lower Upper

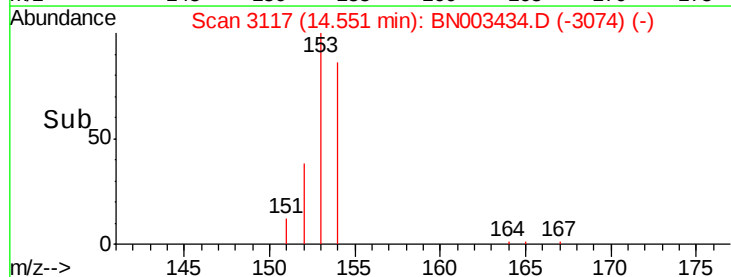
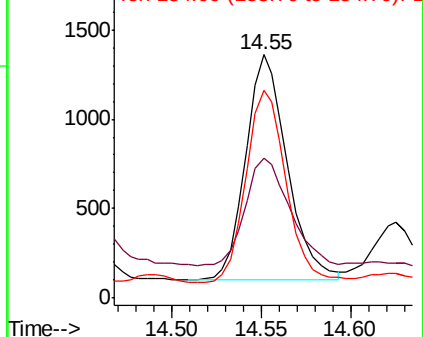
153 100

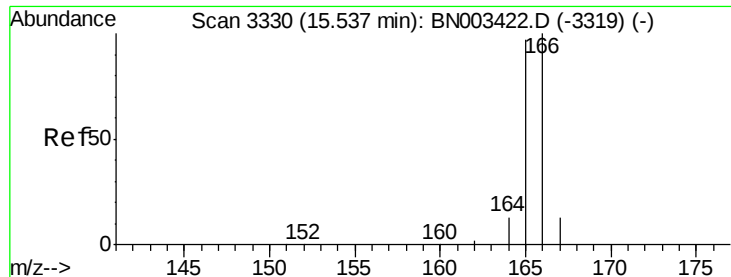
152 57.3 39.5 59.3

154 85.3 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: 0.069 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

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ClientSampleId :

A40J5DL

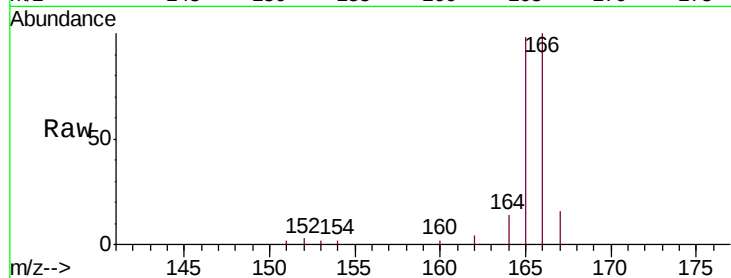
Tgt Ion:166 Resp: 6926

Ion Ratio Lower Upper

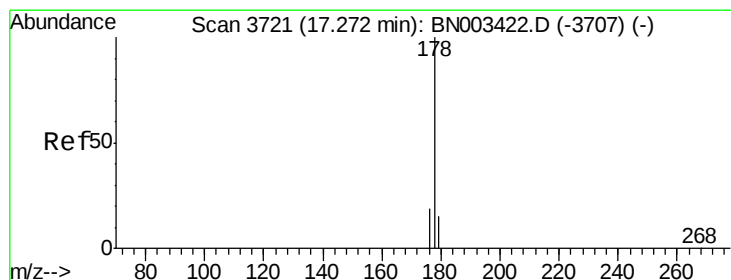
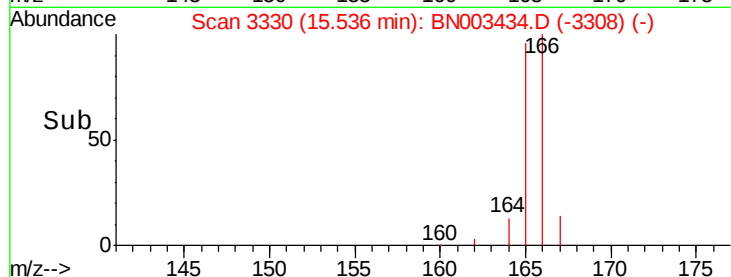
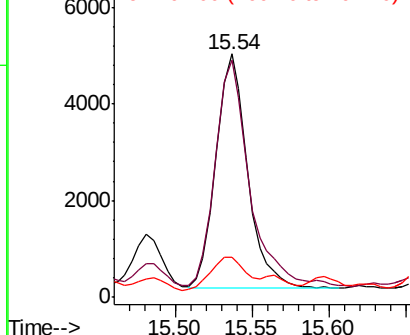
166 100

165 97.7 78.3 117.5

167 16.4 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: 1.569 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

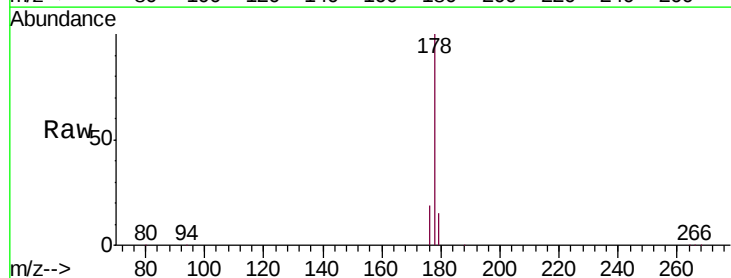
Tgt Ion:178 Resp: 246900

Ion Ratio Lower Upper

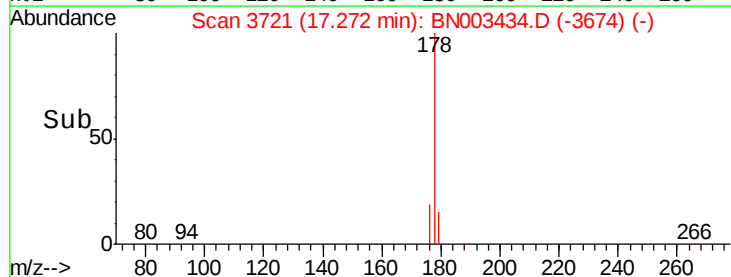
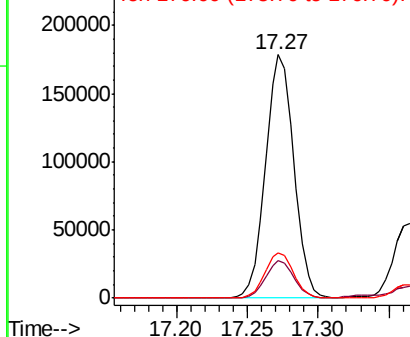
178 100

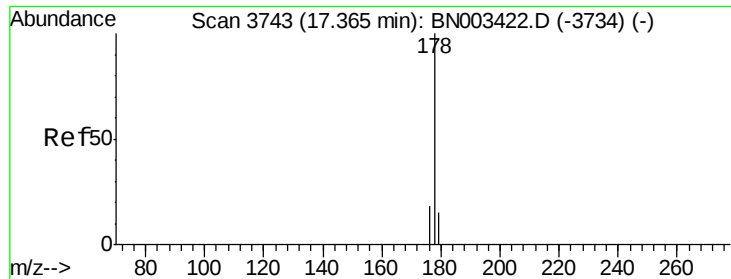
179 15.5 12.4 18.6

176 18.8 15.0 22.4



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





#13

Anthracene

Concen: 0.596 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

A40J5DL

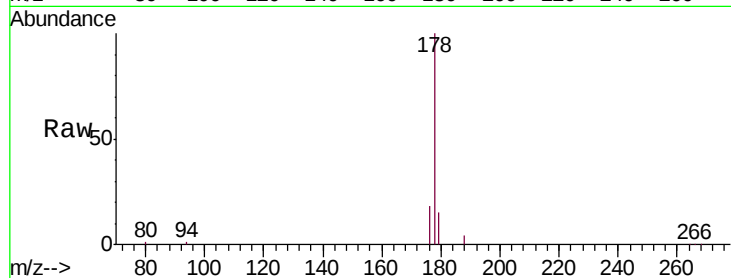
Tgt Ion:178 Resp: 76405

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

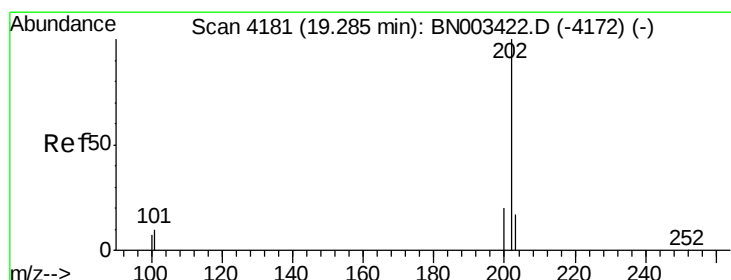
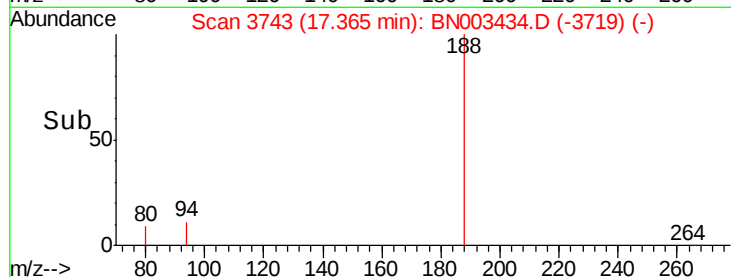
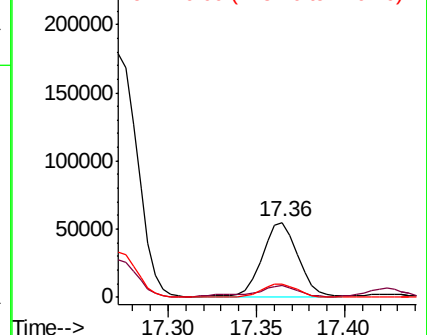
176 18.0 14.7 22.1



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: 6.300 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

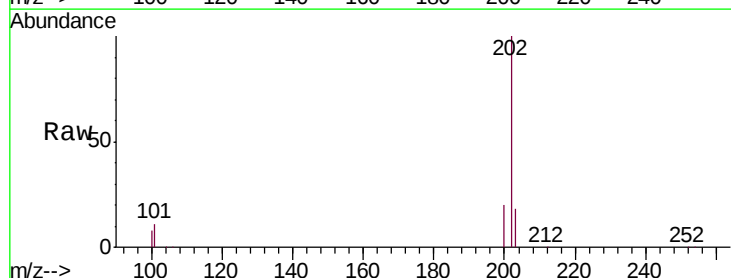
Tgt Ion:202 Resp: 1114429

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

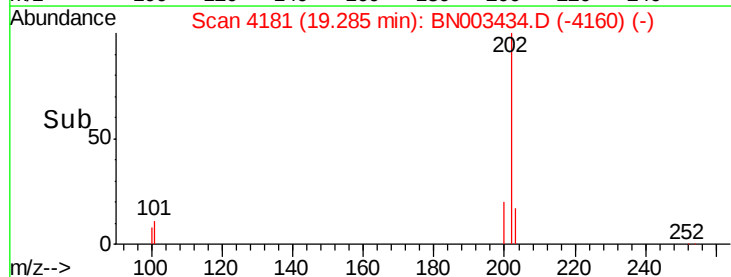
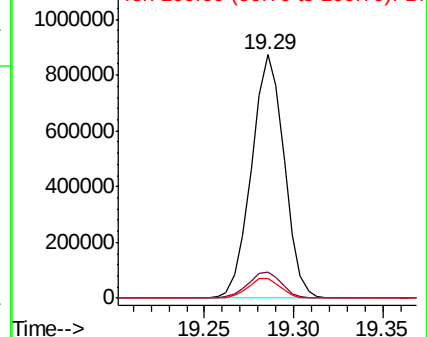
100 8.1 0.0 28.0

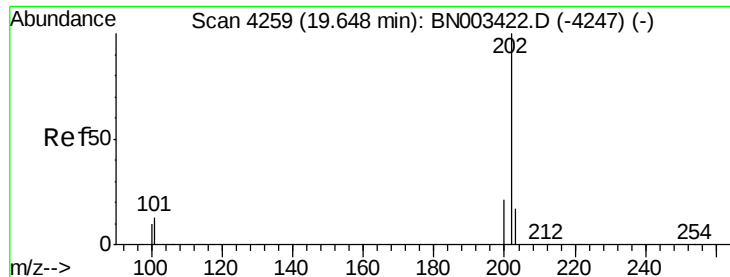


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

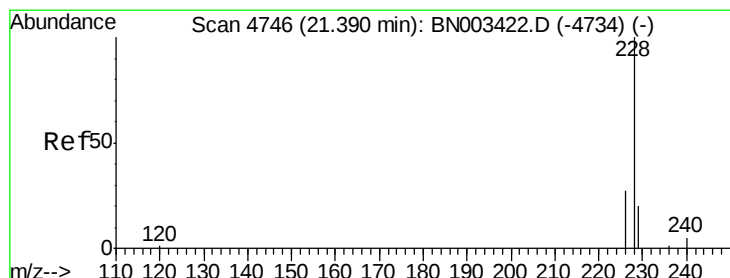
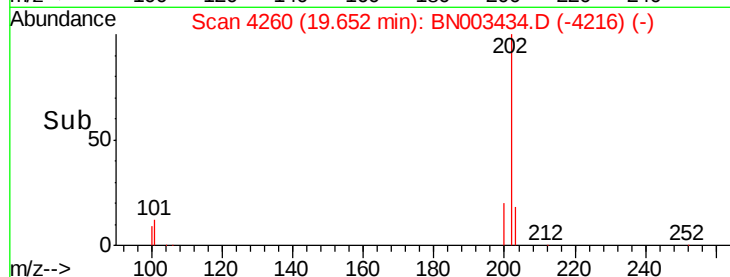
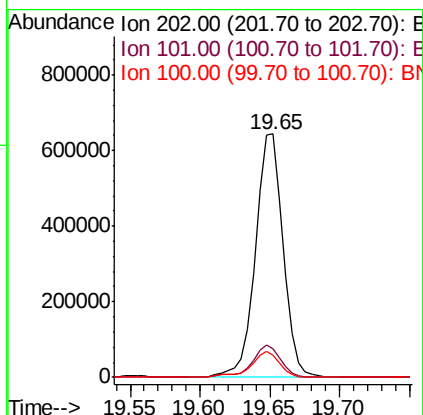
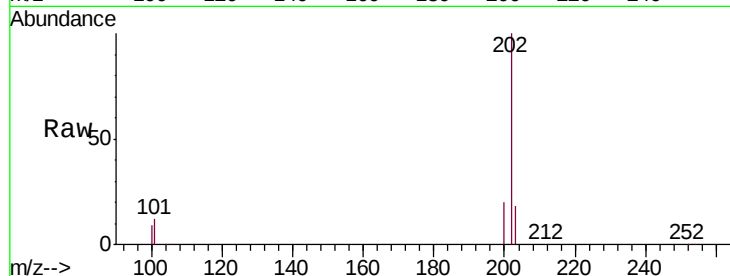




#17
 Pyrene
 Concen: 6.992 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: BN003434.D
 Acq: 05 Nov 2018 17:46

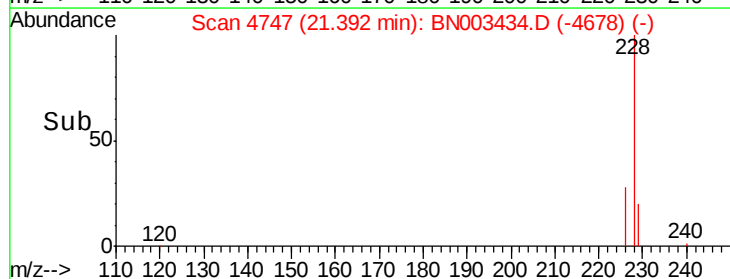
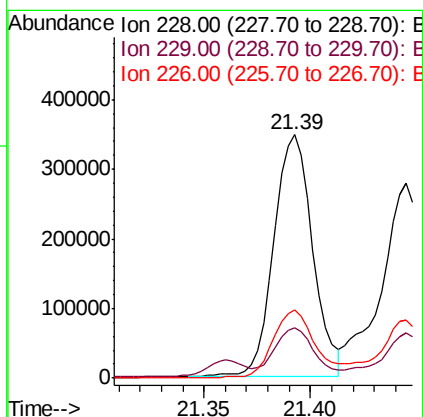
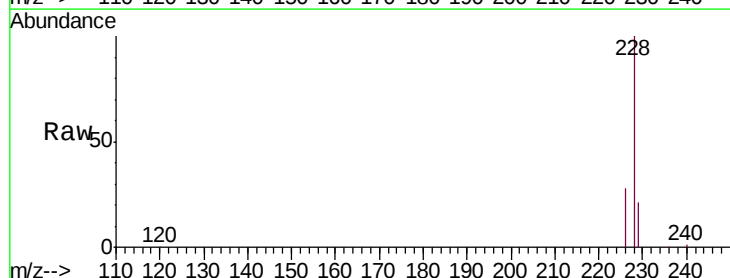
Instrument :
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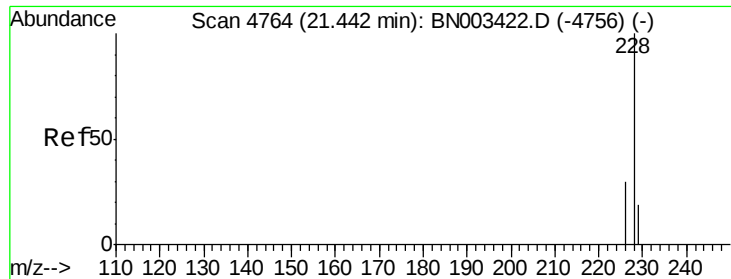
Tgt Ion:202 Resp: 894141
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 9.3 7.5 11.3



#18
 Benzo(a)anthracene
 Concen: 3.984 ng/ul
 RT: 21.39 min Scan# 4747
 Delta R.T. 0.00 min
 Lab File: BN003434.D
 Acq: 05 Nov 2018 17:46

Tgt Ion:228 Resp: 439125
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.5 23.3
 226 27.8 21.5 32.3





#19

Chrysene

Concen: 3.101 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

A40J5DL

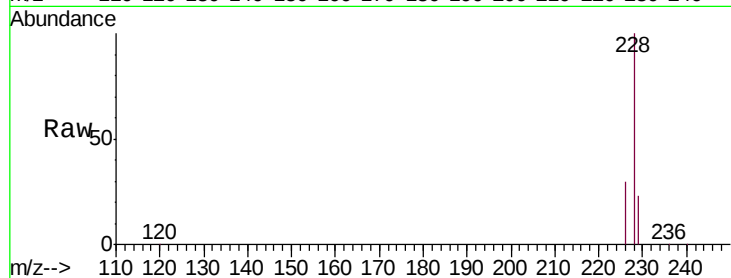
Tgt Ion:228 Resp: 388481

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

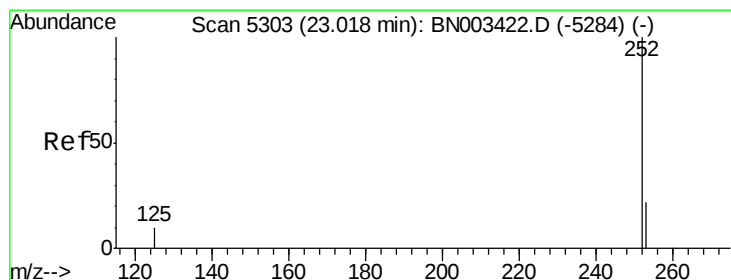
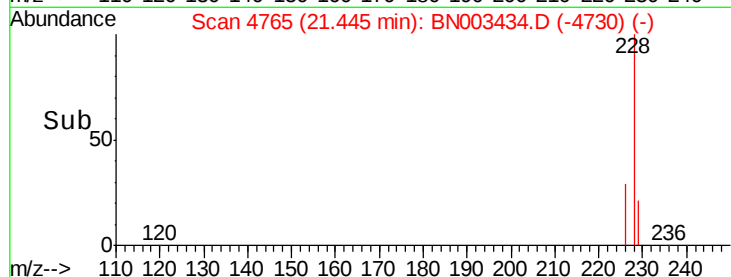
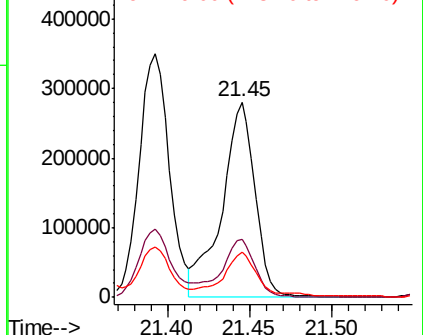
229 23.0 15.5 23.3



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: 4.521 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

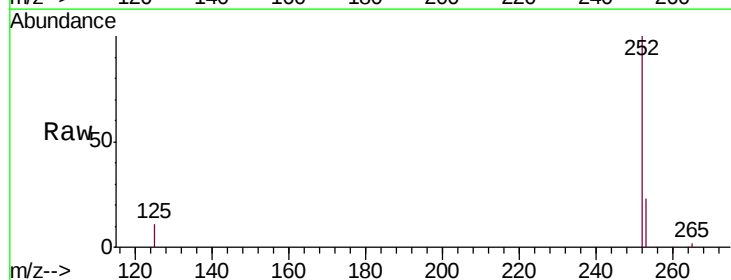
Tgt Ion:252 Resp: 659826

Ion Ratio Lower Upper

252 100

253 22.9 0.0 45.6

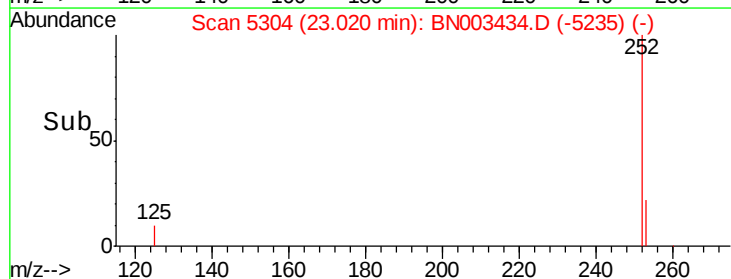
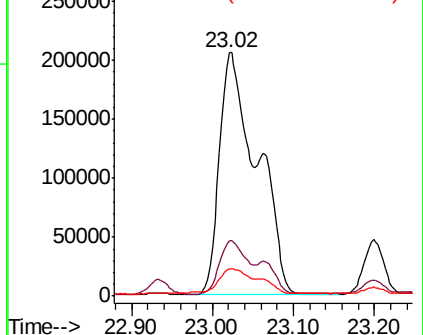
125 11.1 0.0 21.8

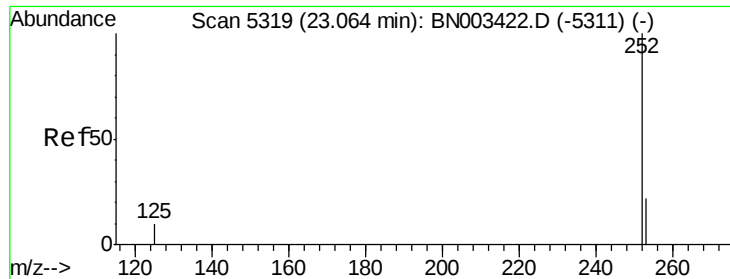


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.668 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.04 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

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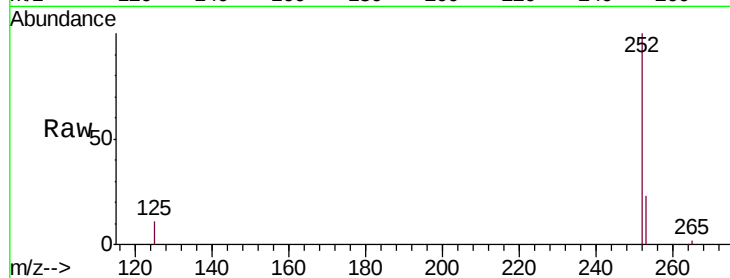
Tgt Ion:252 Resp: 659913

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

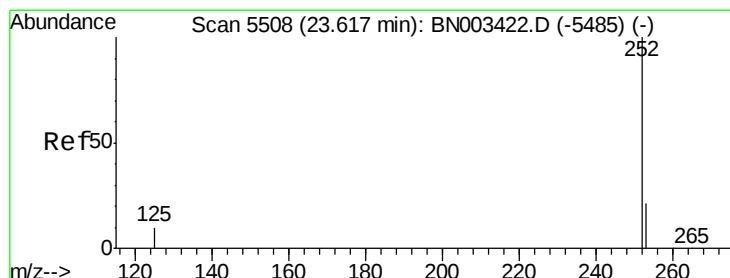
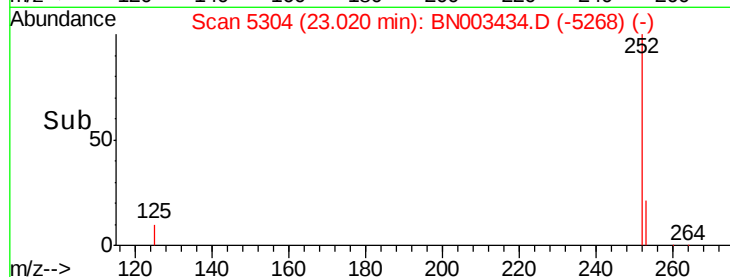
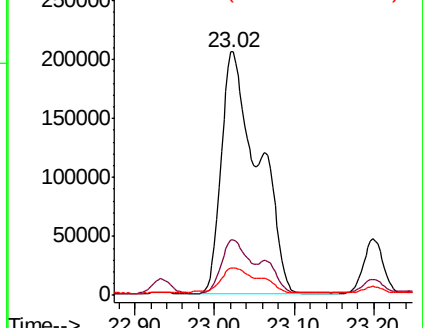
125 11.1 8.6 13.0



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: 2.696 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

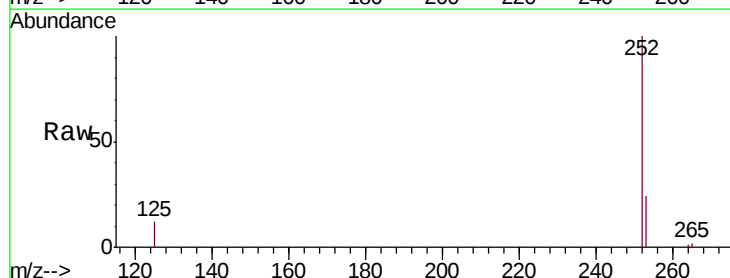
Tgt Ion:252 Resp: 328611

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

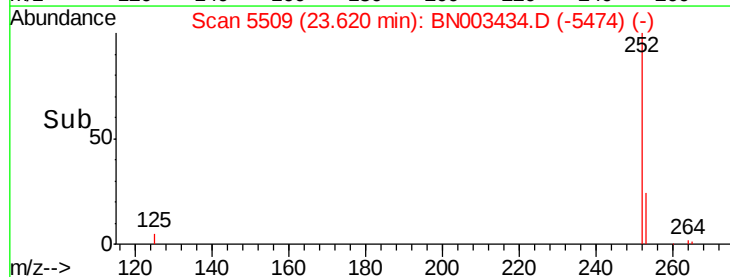
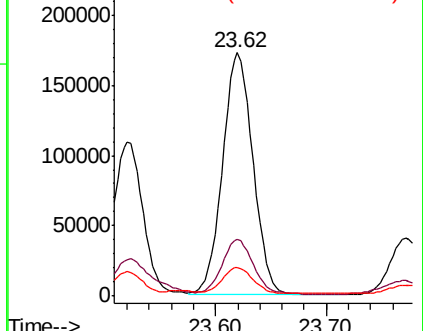
125 11.8 9.9 14.9

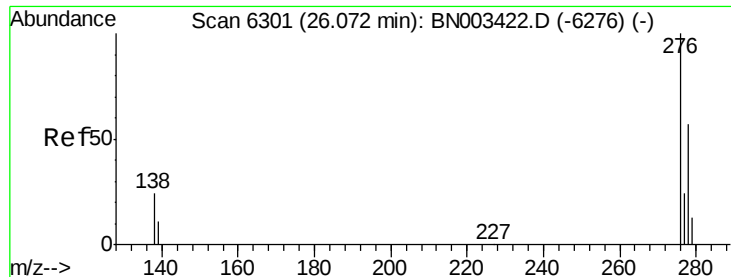


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.666 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

A40J5DL

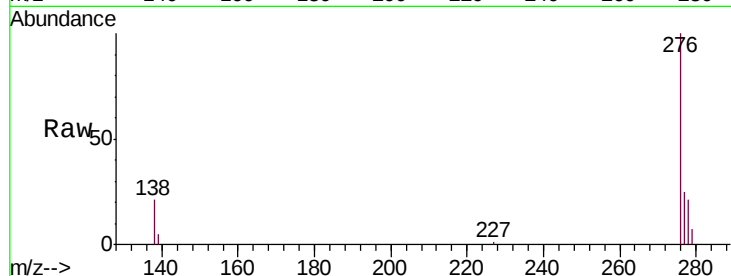
Tgt Ion:276 Resp: 217423

Ion Ratio Lower Upper

276 100

138 21.5 19.8 29.8

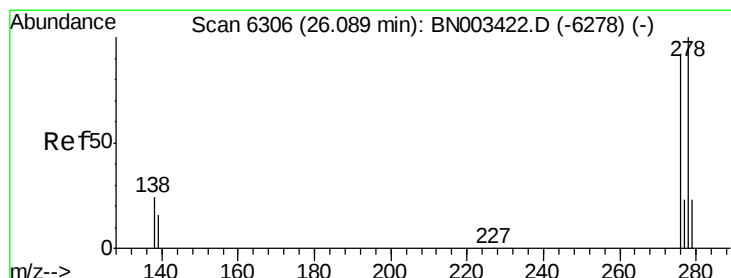
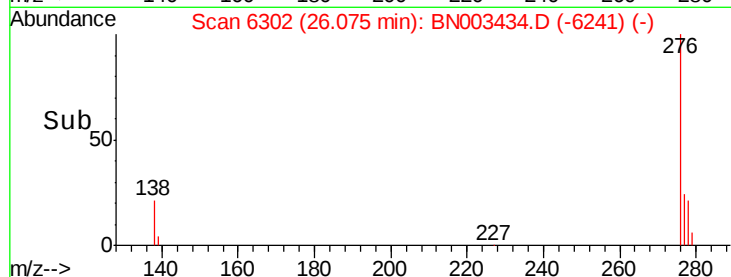
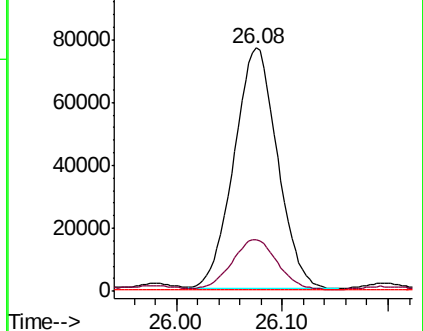
227 0.1 0.2 0.2#



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: 0.558 ng/u1

RT: 26.08 min Scan# 6303

Delta R.T. -0.01 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

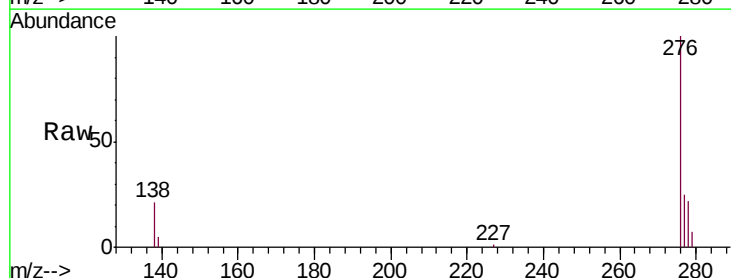
Tgt Ion:278 Resp: 59357

Ion Ratio Lower Upper

278 100

139 21.6 13.1 19.7#

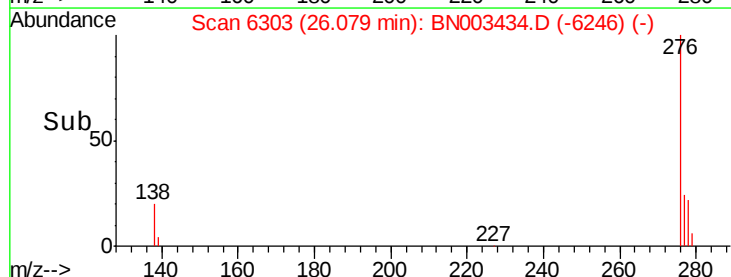
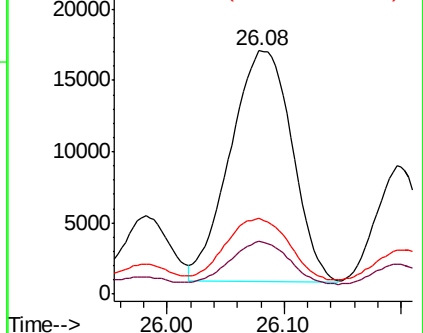
279 30.9 19.5 29.3#

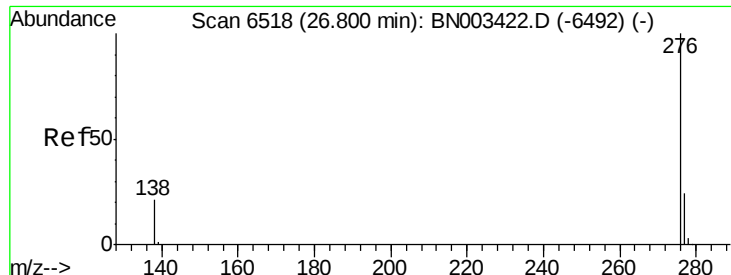


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.282 ng/ul

RT: 26.80 min Scan# 6519

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

ClientSampleId :

A40J5DL

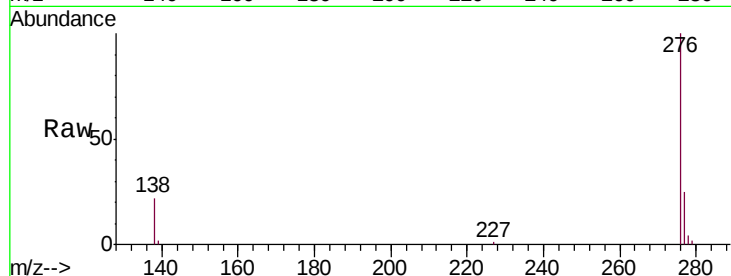
Tgt Ion: 276 Resp: 143397

Ion Ratio Lower Upper

276 100

138 22.2 17.0 25.6

277 25.0 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

