

Data File : BN003419.D
Acq On : 03 Nov 2018 00:33
Operator : MJ/SJ
Sample : J5704-24DL5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K3DL

Quant Time: Nov 03 01:21:50 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 : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	46175	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	24304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	50422	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	34876	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	35341	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	4244	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	7784	0.05	ng/ul	0.00

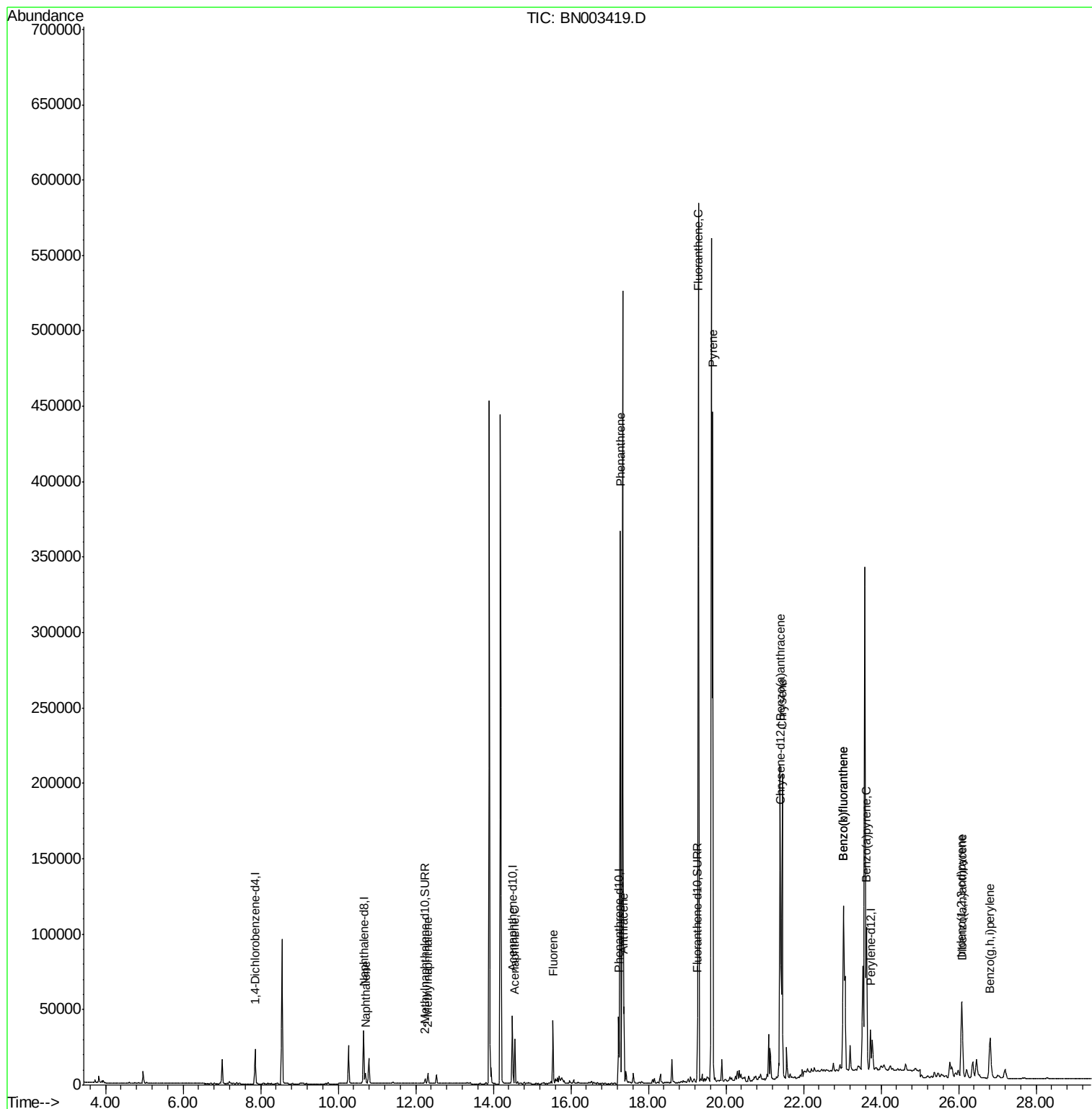
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.70	128	9131	0.070	ng/ul	97
5) 2-Methylnaphthalene	12.31	142	5136	0.055	ng/ul	99
8) Acenaphthene	14.55	153	16891	0.179	ng/ul	99
9) Fluorene	15.54	166	25369	0.228	ng/ul	99
12) Phenanthrene	17.28	178	380800	2.303	ng/ul	100
13) Anthracene	17.36	178	54704	0.406	ng/ul	99
15) Fluoranthene	19.29	202	475212	2.557	ng/ul	100
17) Pyrene	19.65	202	376387	2.967	ng/ul	99
18) Benzo(a)anthracene	21.39	228	170246	1.557	ng/ul	98
19) Chrysene	21.45	228	188938	1.520	ng/ul	97
21) Benzo(b)fluoranthene	23.03	252	265642	1.744	ng/ul	97
22) Benzo(k)fluoranthene	23.03	252	265642	1.801	ng/ul#	97
23) Benzo(a)pyrene	23.62	252	131250	1.032	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	79520	0.584	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	25289	0.228	ng/ul#	77
26) Benzo(g,h,i)perylene	26.81	276	58808	0.504	ng/ul	95

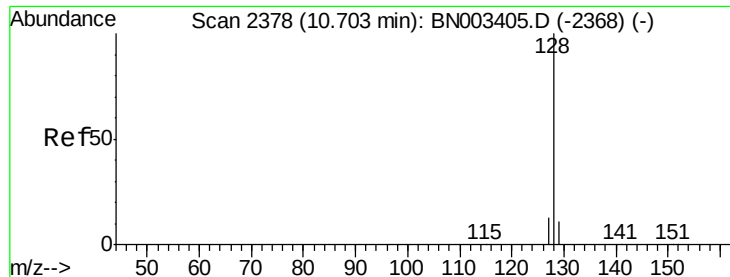
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

ClientSampleId :

A40K3DL

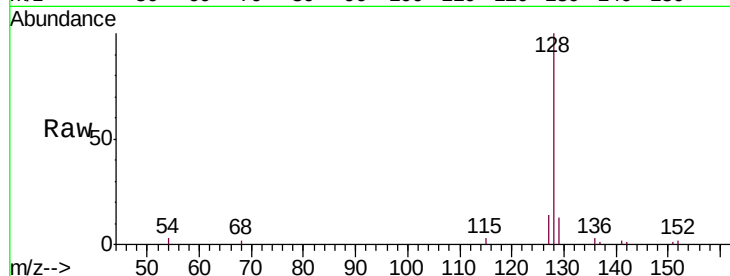
Tgt Ion:128 Resp: 9131

Ion Ratio Lower Upper

128 100

129 12.7 9.0 13.6

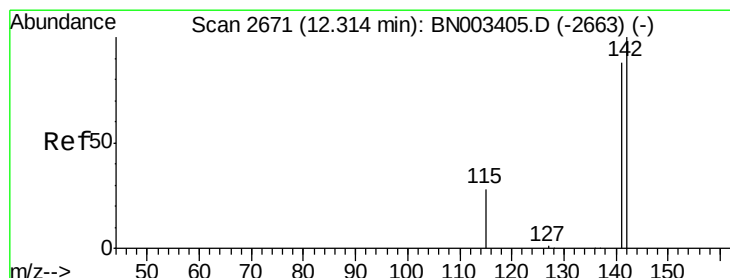
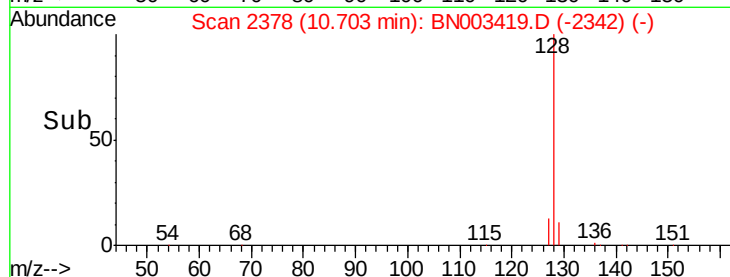
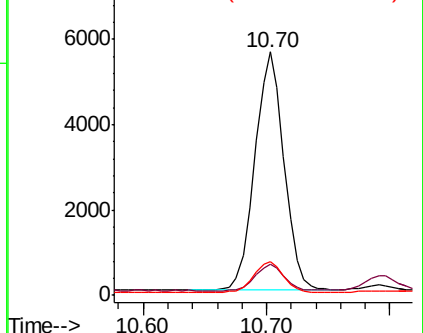
127 14.0 10.5 15.7



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



#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.00 min

Lab File: BN003419.D

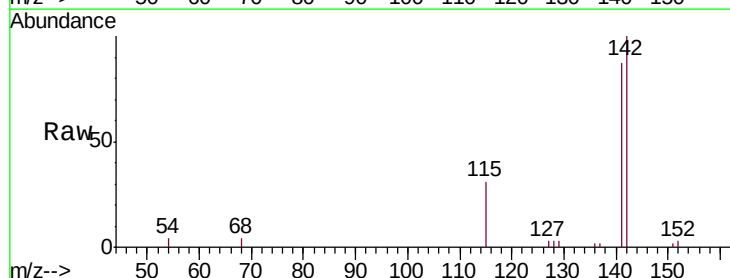
Acq: 03 Nov 2018 00:33

Tgt Ion:142 Resp: 5136

Ion Ratio Lower Upper

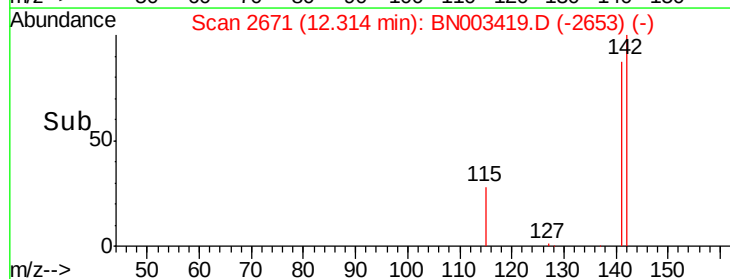
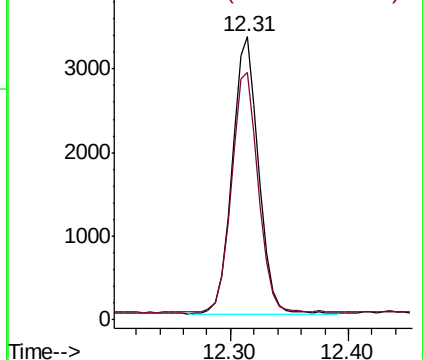
142 100

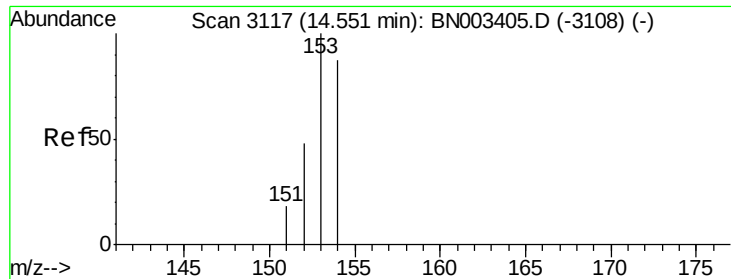
141 87.9 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.179 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

ClientSampleId :

A40K3DL

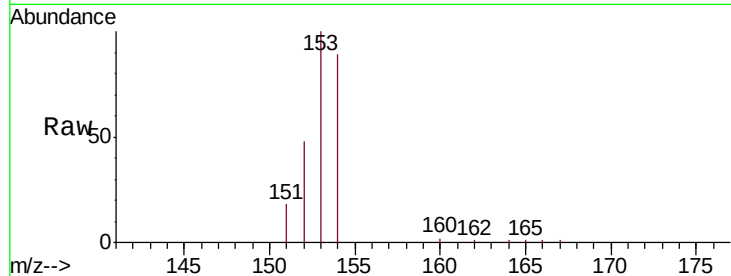
Tgt Ion:153 Resp: 16891

Ion Ratio Lower Upper

153 100

152 48.4 39.5 59.3

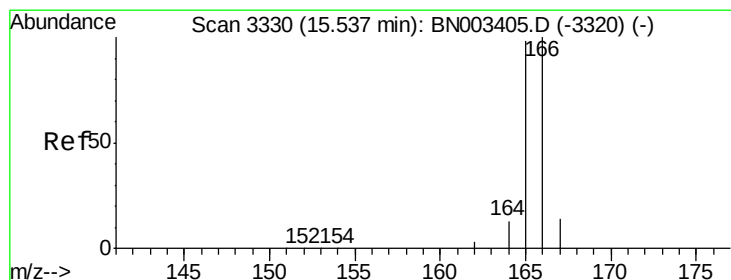
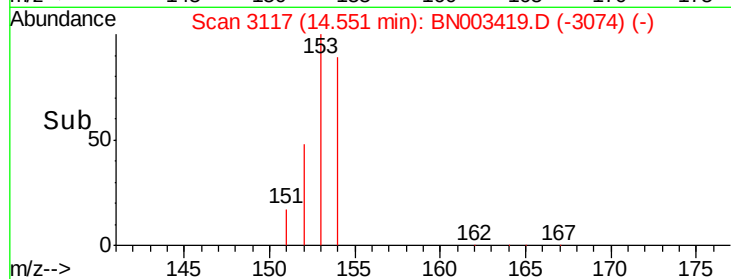
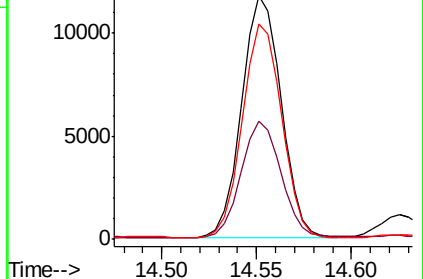
154 88.6 70.3 105.5



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: 0.228 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

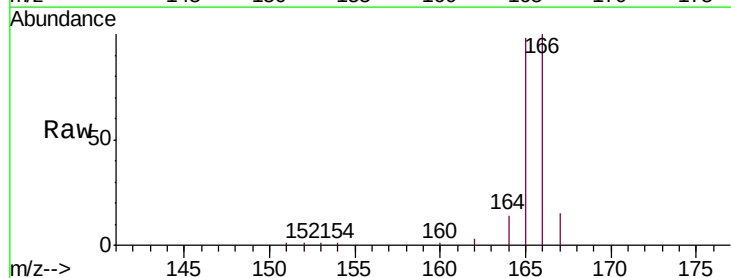
Tgt Ion:166 Resp: 25369

Ion Ratio Lower Upper

166 100

165 98.1 78.3 117.5

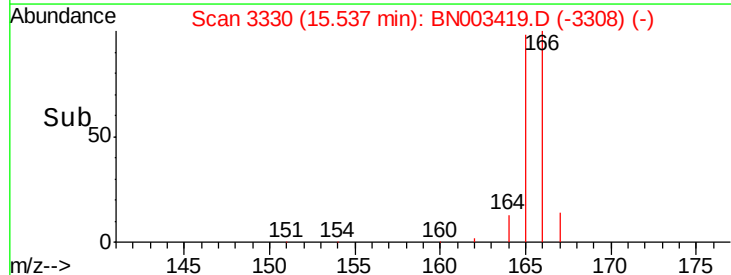
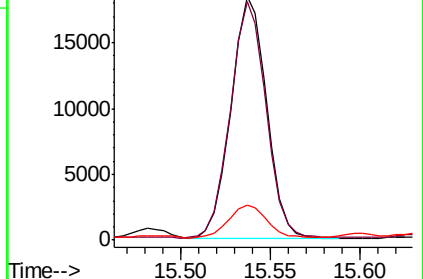
167 14.6 10.8 16.2

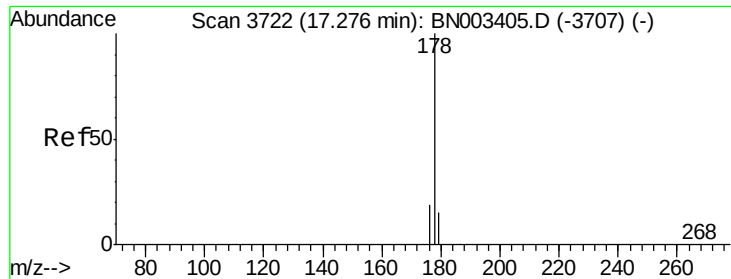


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 2.303 ng/ul

RT: 17.28 min Scan# 3722

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

ClientSampleId :

A40K3DL

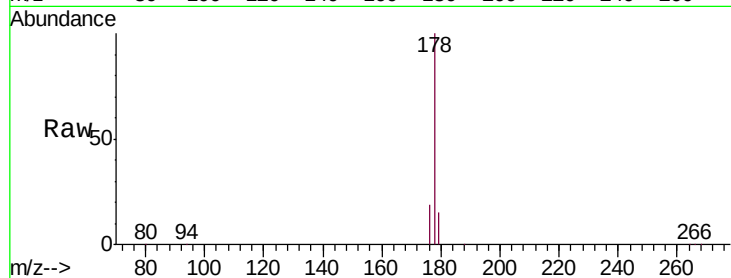
Tgt Ion:178 Resp: 380800

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

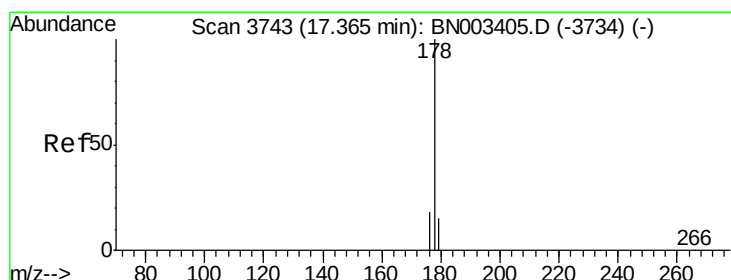
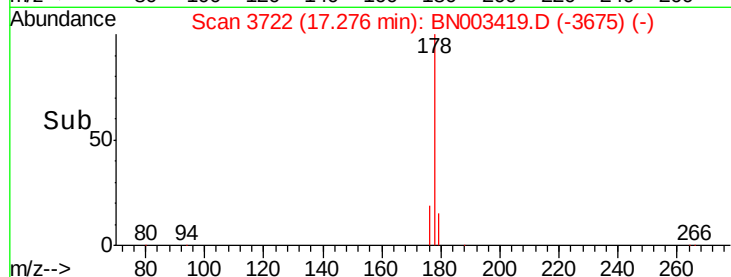
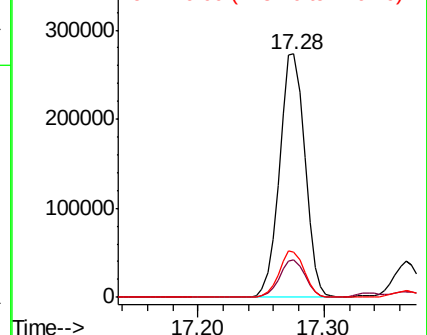
176 18.7 15.0 22.4



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: 0.406 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

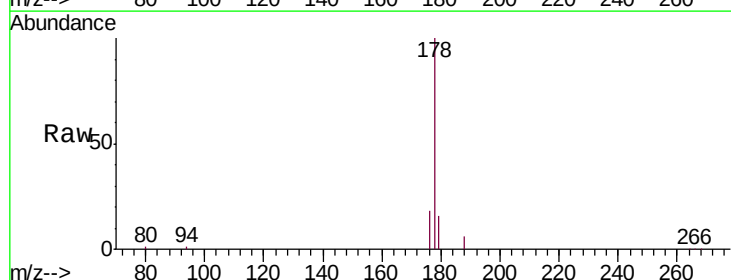
Tgt Ion:178 Resp: 54704

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

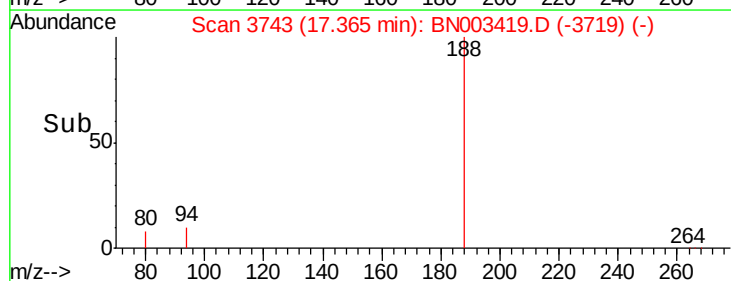
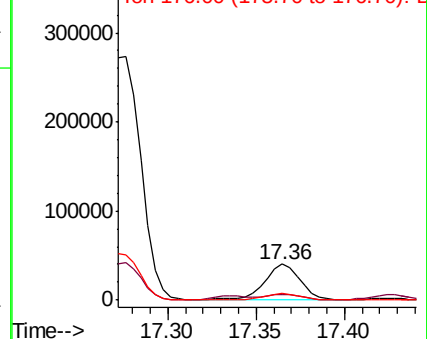
176 18.4 14.7 22.1

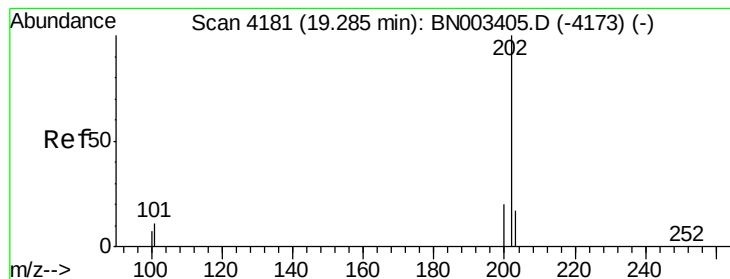


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 2.557 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

ClientSampleId :

A40K3DL

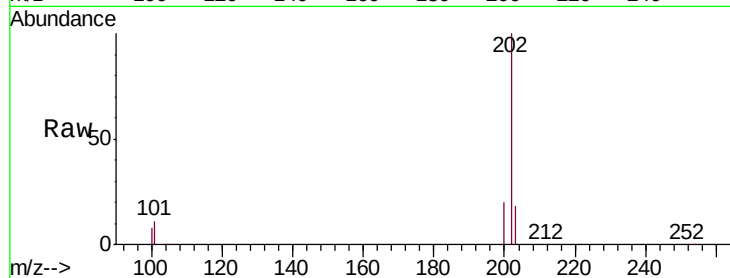
Tgt Ion:202 Resp: 475212

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

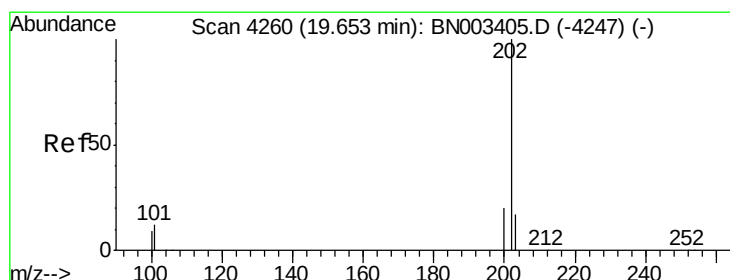
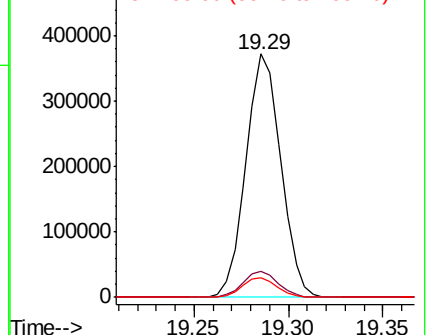
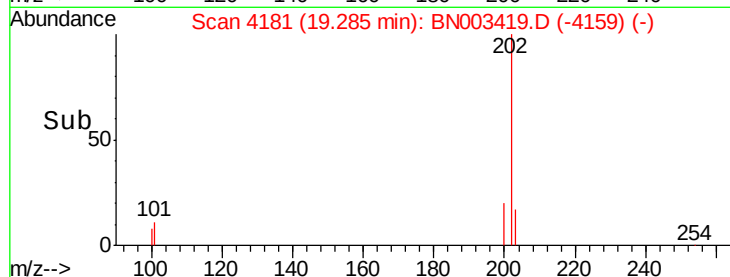
100 8.1 0.0 28.0



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: 2.967 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

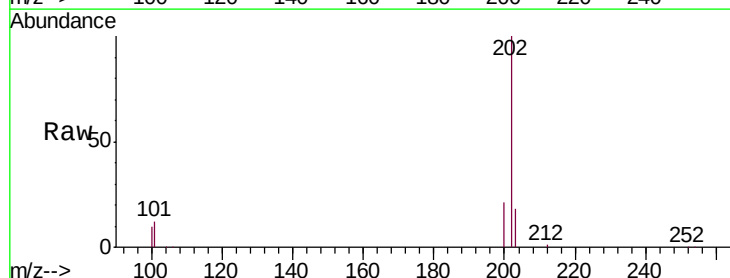
Tgt Ion:202 Resp: 376387

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

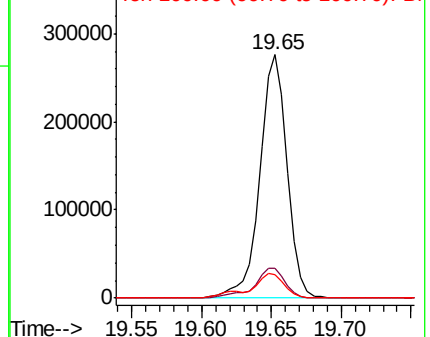
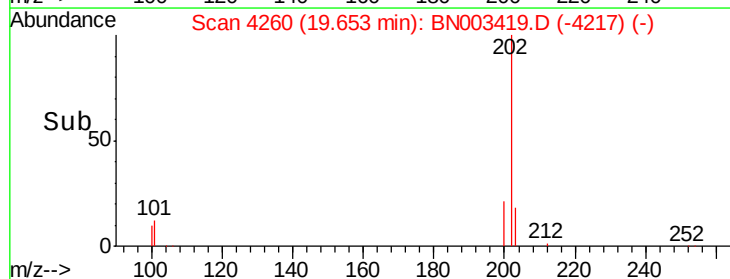
100 9.6 7.5 11.3

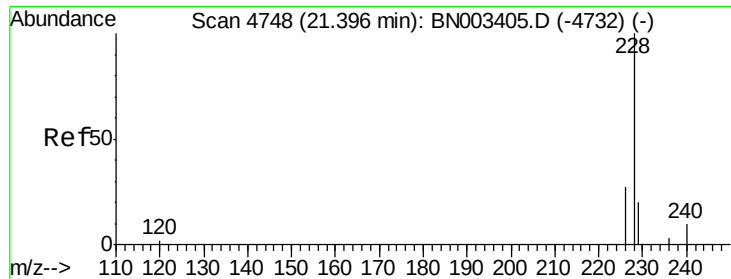


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.557 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

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A40K3DL

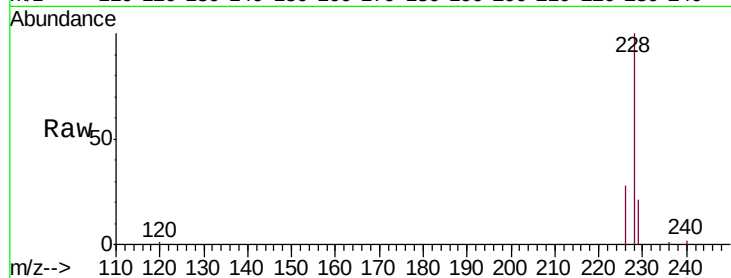
Tgt Ion:228 Resp: 170246

Ion Ratio Lower Upper

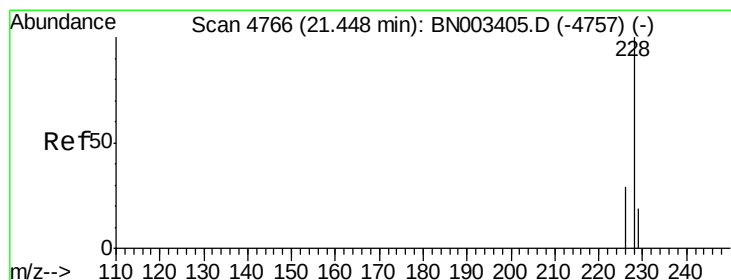
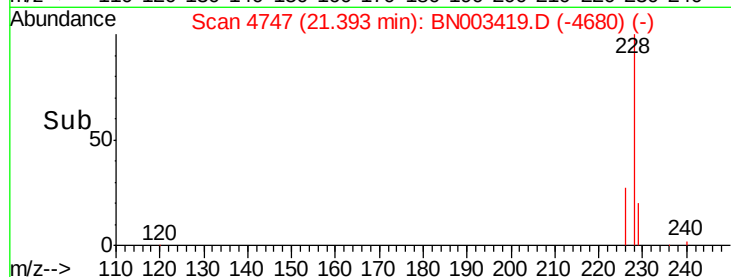
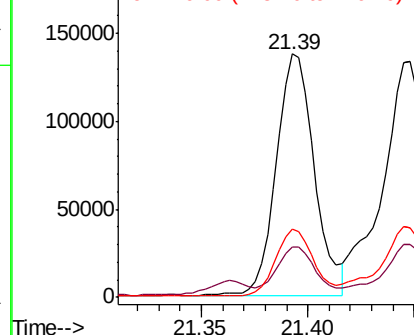
228 100

229 20.7 15.5 23.3

226 27.8 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: 1.520 ng/ul

RT: 21.45 min Scan# 4766

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

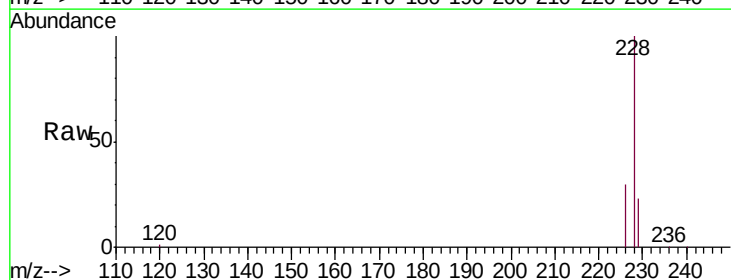
Tgt Ion:228 Resp: 188938

Ion Ratio Lower Upper

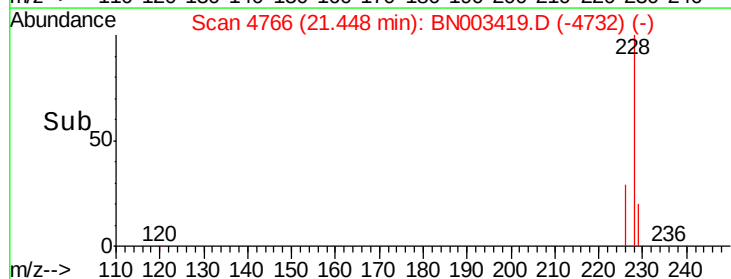
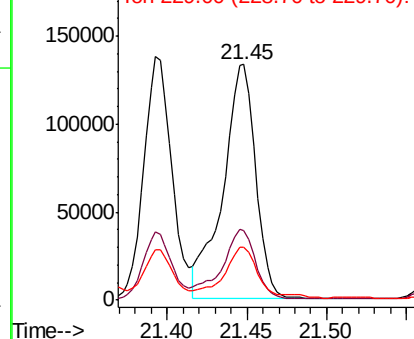
228 100

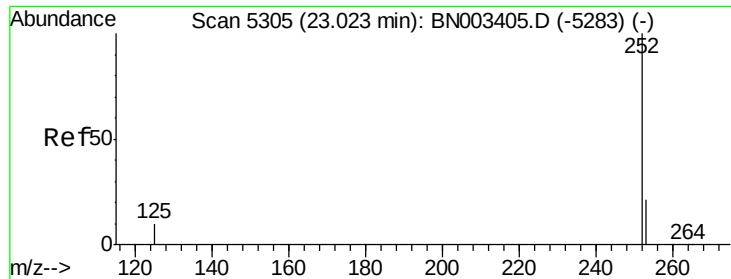
226 29.8 23.8 35.6

229 22.6 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: 1.744 ng/ul

RT: 23.03 min Scan# 5306

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

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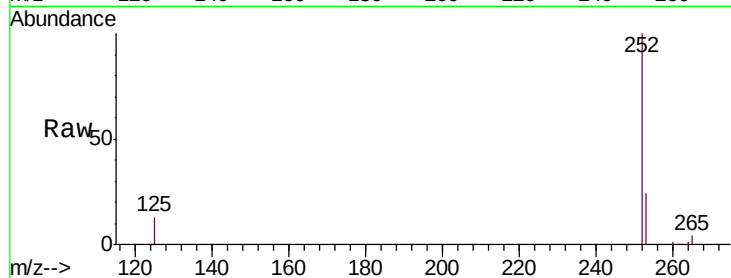
Tgt Ion:252 Resp: 265642

Ion Ratio Lower Upper

252 100

253 23.7 0.0 45.6

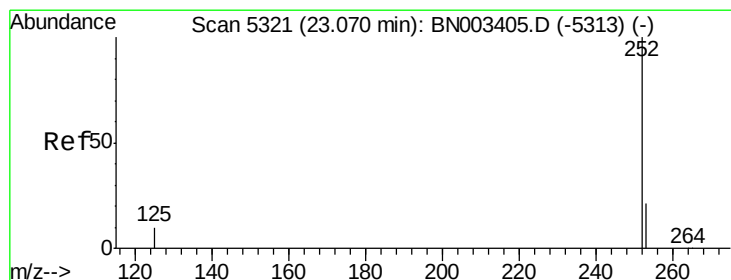
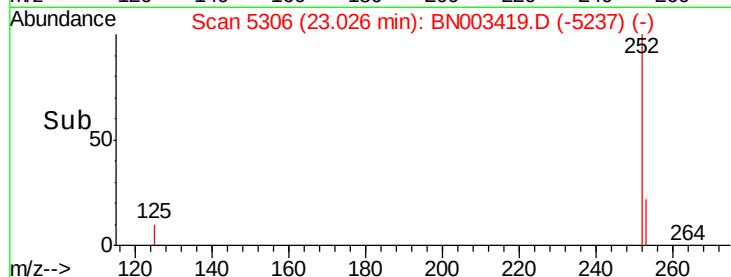
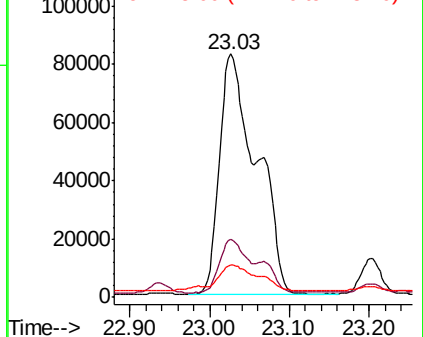
125 13.2 0.0 21.8



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: 1.801 ng/ul

RT: 23.03 min Scan# 5306

Delta R.T. -0.04 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

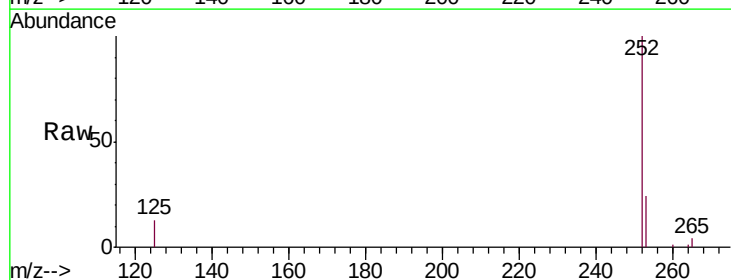
Tgt Ion:252 Resp: 265642

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

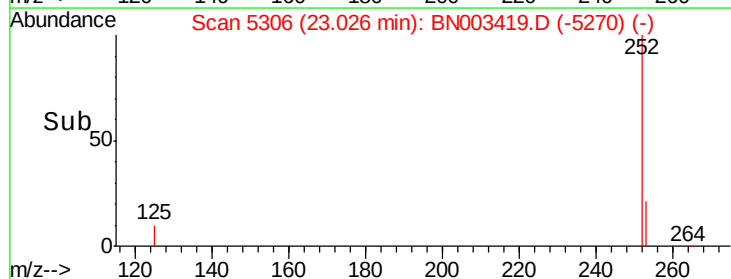
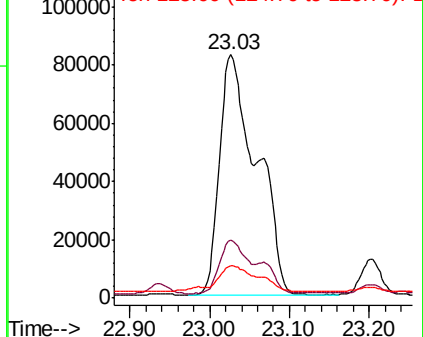
125 13.2 8.6 13.0#

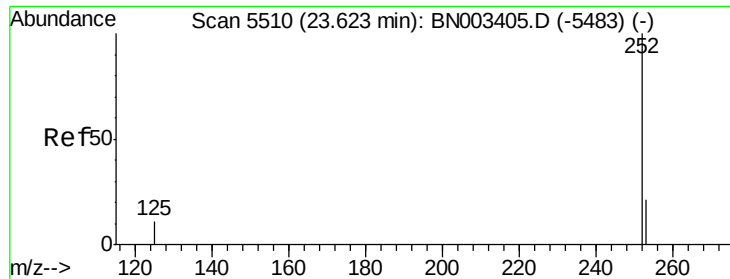


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.032 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. 0.00 min

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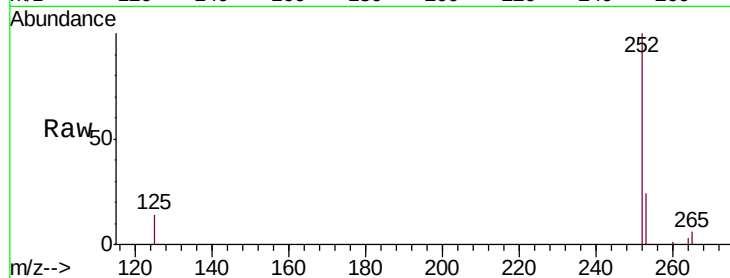
Tgt Ion: 252 Resp: 131250

Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

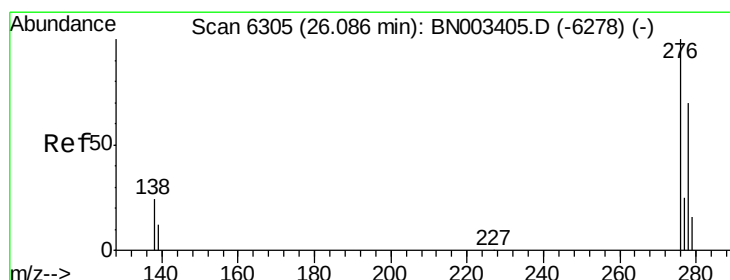
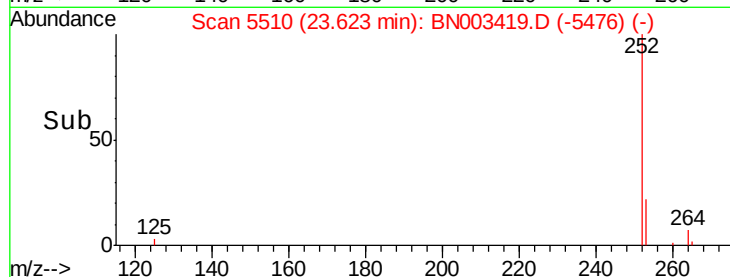
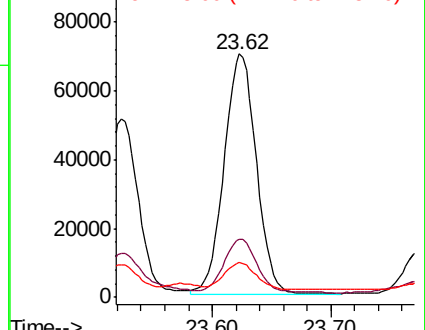
125 14.2 9.9 14.9



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: 0.584 ng/ul

RT: 26.08 min Scan# 6303

Delta R.T. -0.01 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

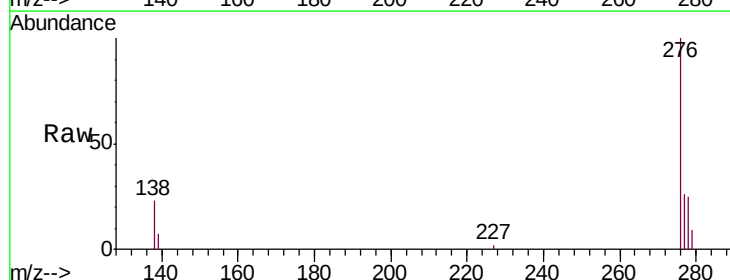
Tgt Ion: 276 Resp: 79520

Ion Ratio Lower Upper

276 100

138 21.6 19.8 29.8

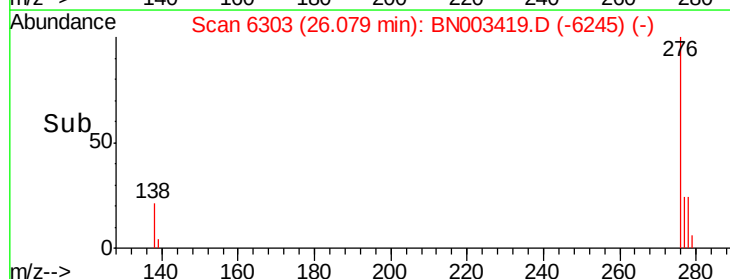
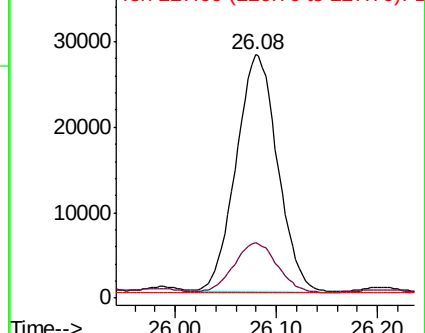
227 0.0 0.2 0.2#

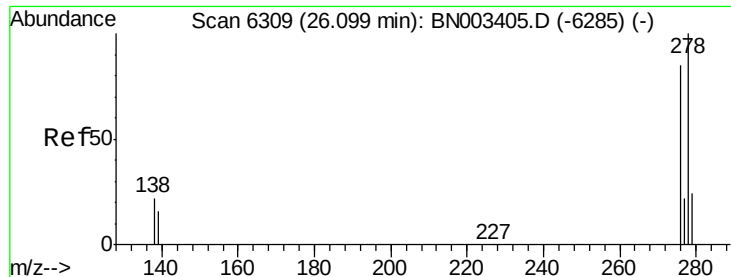


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.228 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.01 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

Instrument :

BNA_N

ClientSampleId :

A40K3DL

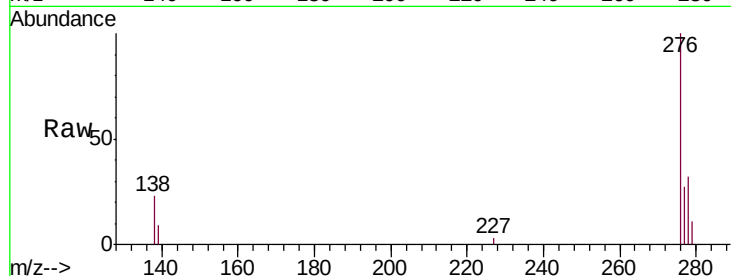
Tgt Ion: 278 Resp: 25289

Ion Ratio Lower Upper

278 100

139 28.6 13.1 19.7#

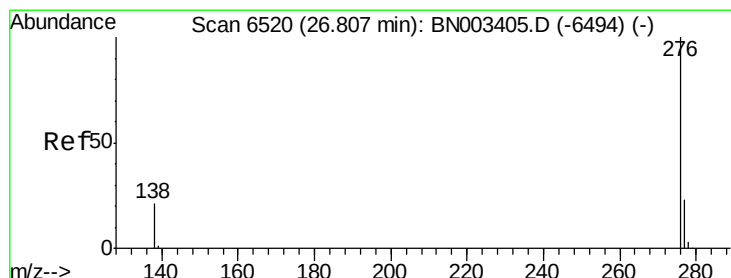
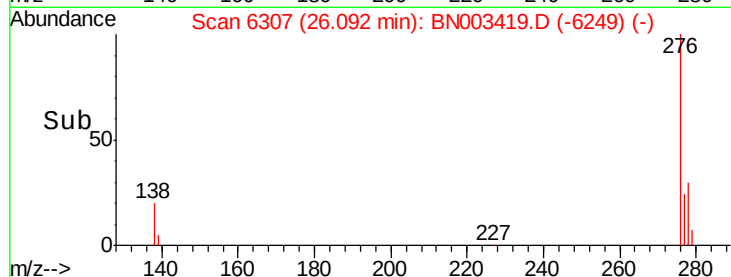
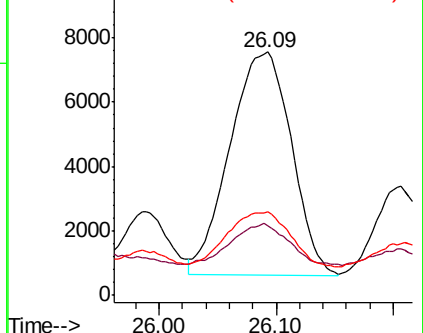
279 34.3 19.5 29.3#



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: 0.504 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. 0.00 min

Lab File: BN003419.D

Acq: 03 Nov 2018 00:33

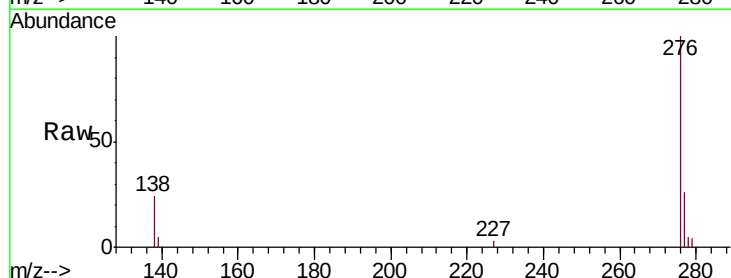
Tgt Ion: 276 Resp: 58808

Ion Ratio Lower Upper

276 100

138 24.1 17.0 25.6

277 26.4 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

