

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003046.D
 Acq On : 10 Oct 2018 02:34
 Operator : MJ/SJ
 Sample : J5115-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:38:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

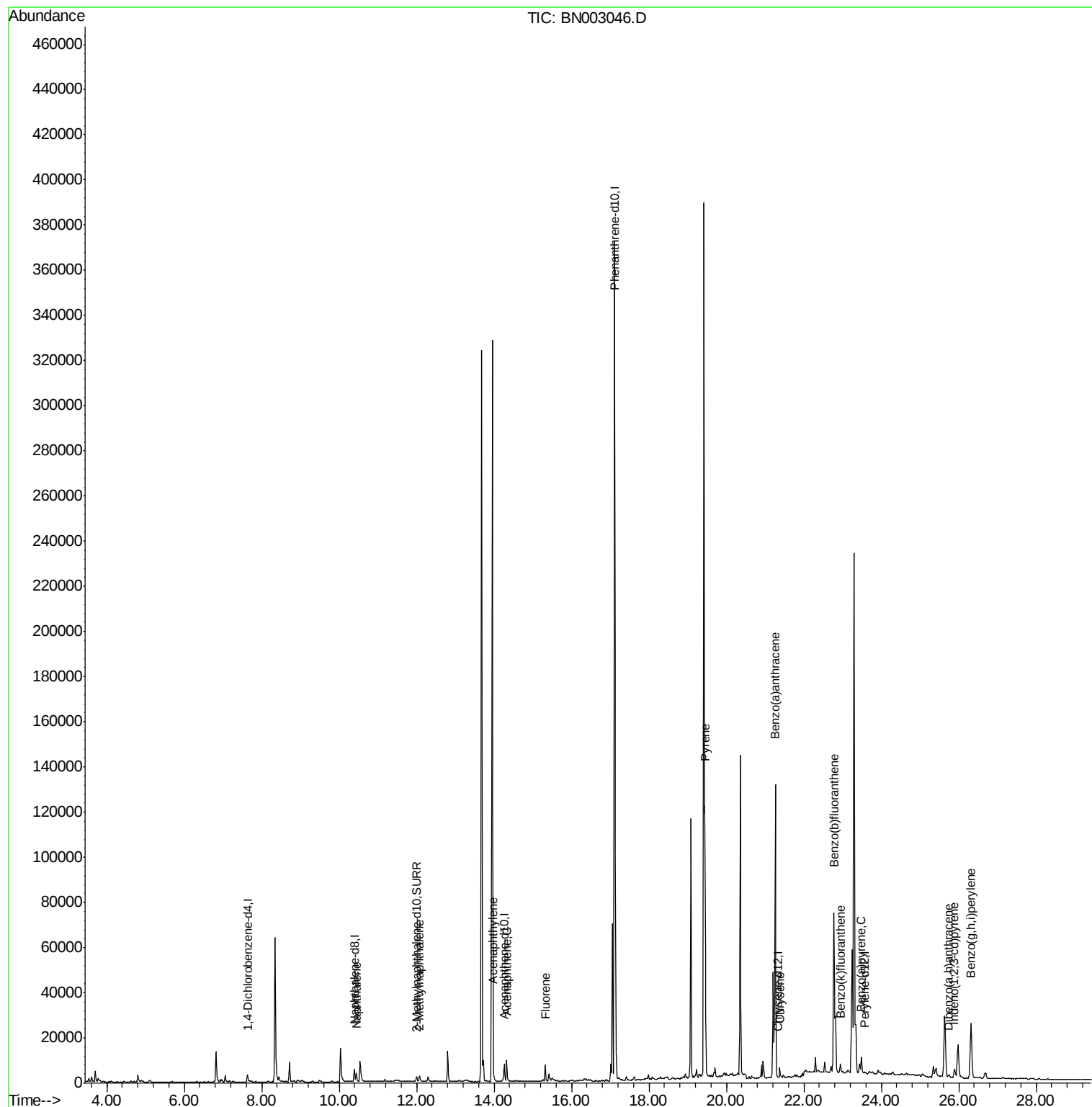
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1948	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7767	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4251	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	436428	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	22	0.40	ng/ul	0.11
20) Perylene-d12	23.55	264	247	0.40	ng/ul	0.10
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3290	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	122	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	5036	0.253	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	2424	0.177	ng/ul	99
7) Acenaphthylene	13.98	152	1750	0.090	ng/ul#	87
8) Acenaphthene	14.32	153	5634	0.382	ng/ul	99
9) Fluorene	15.32	166	4816	0.285	ng/ul	99
17) Pyrene	19.45	202	96897	1134.001	ng/ul	96
18) Benzo(a)anthracene	21.26	228	118493	1673.719	ng/ul	97
19) Chrysene	21.38	228	3700	51.469	ng/ul#	47
21) Benzo(b)fluoranthene	22.77	252	135852	152.721	ng/ul	95
22) Benzo(k)fluoranthene	22.95	252	4857	5.267	ng/ul#	19
23) Benzo(a)pyrene	23.48	252	8852	11.104	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.89	276	1400	1.528	ng/ul#	29
25) Dibenzo(a,h)anthracene	25.74	278	1849	2.521	ng/ul#	9
26) Benzo(g,h,i)perylene	26.32	276	49868	64.555	ng/ul	94

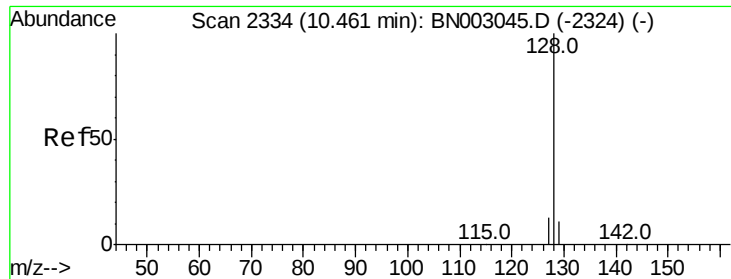
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
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#3

Naphthalene

Concen: 0.253 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampleId :

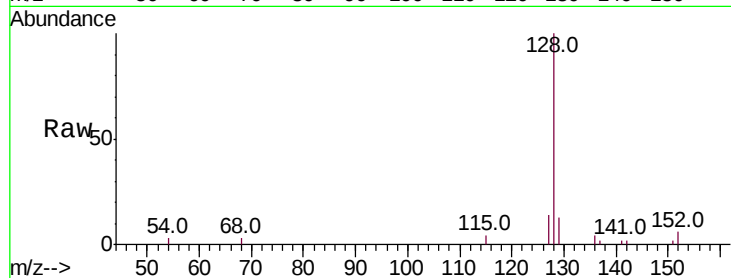
Tot Ion:128 Resp: 5036

Ion Ratio Lower Upper

128 100

129 13.4 10.4 15.6

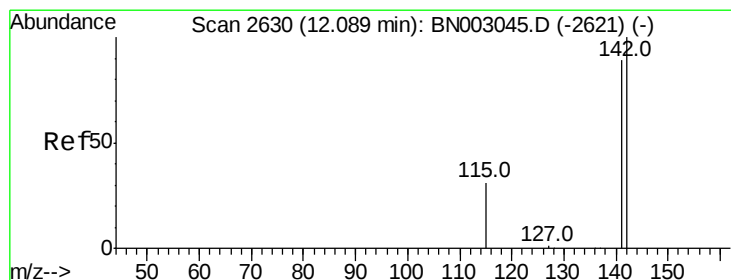
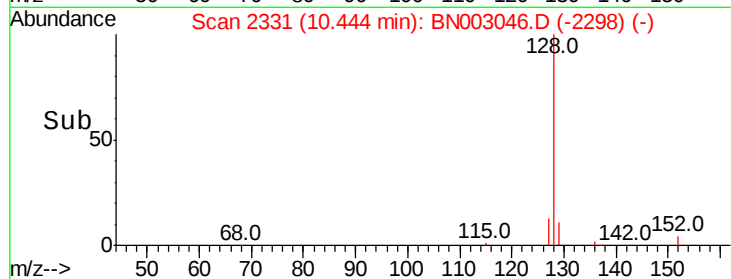
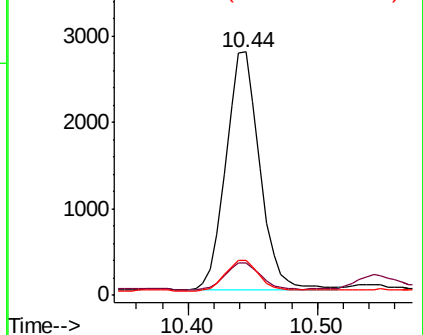
127 14.2 11.7 17.5



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: 0.177 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN003046.D

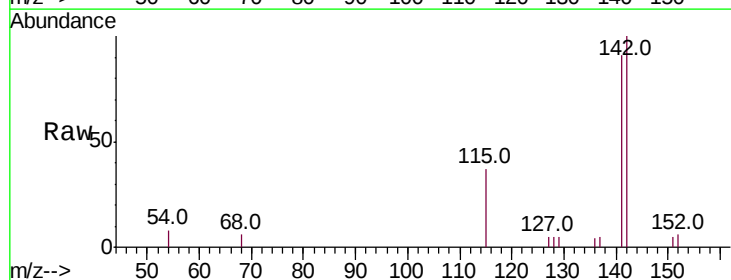
Acq: 10 Oct 2018 02:34

Tgt Ion:142 Resp: 2424

Ion Ratio Lower Upper

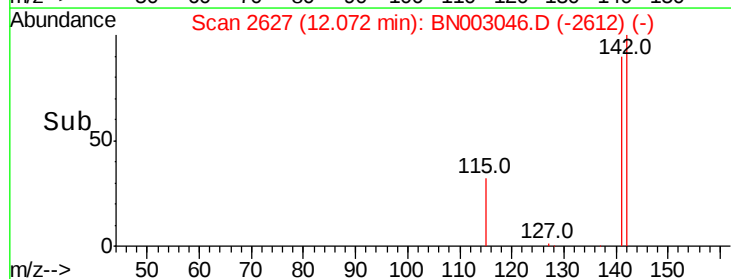
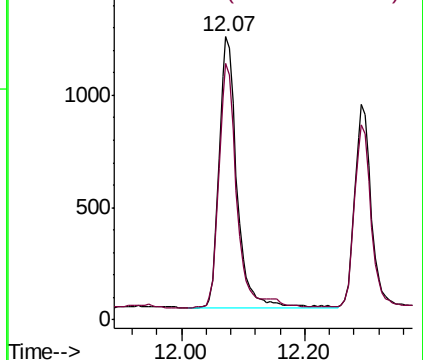
142 100

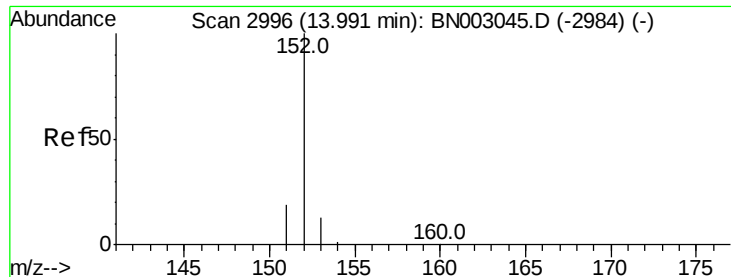
141 90.6 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampleId :

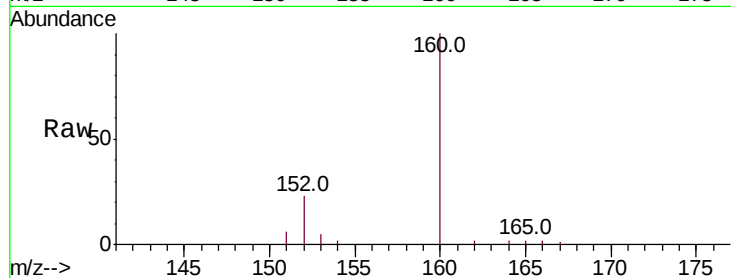
Tot Ion:152 Resp: 1750

Ion Ratio Lower Upper

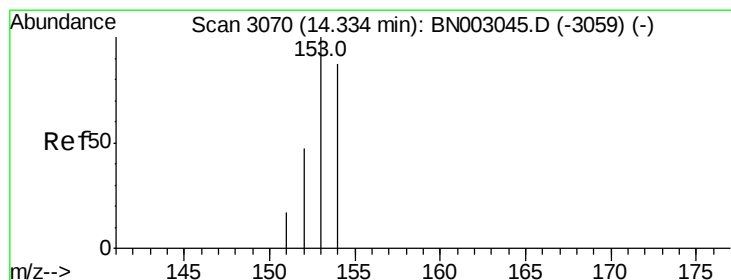
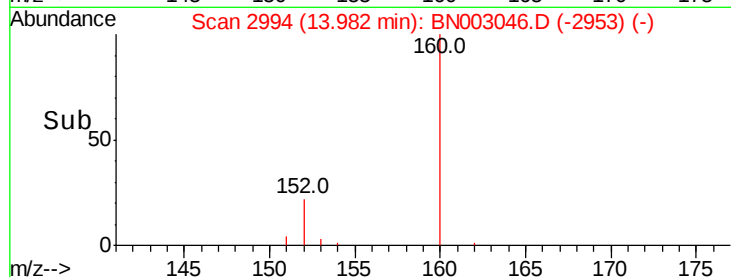
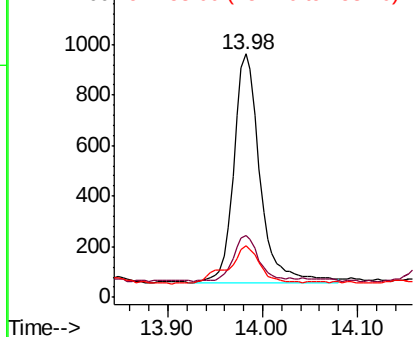
152 100

151 25.6 16.5 24.7#

153 21.1 11.4 17.2#



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: 0.382 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

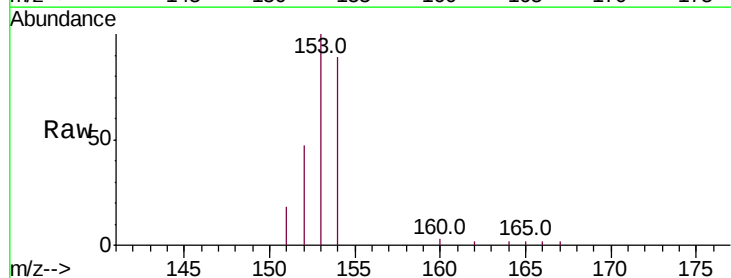
Tgt Ion:153 Resp: 5634

Ion Ratio Lower Upper

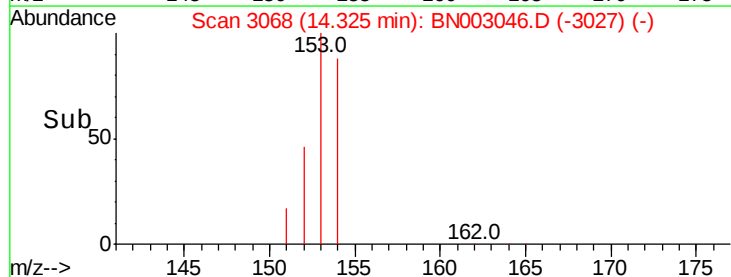
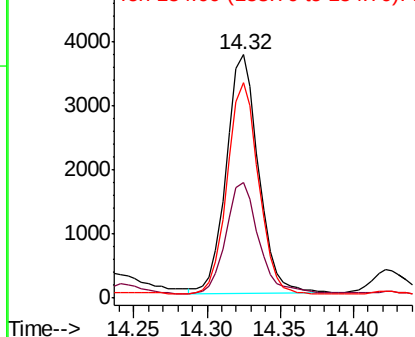
153 100

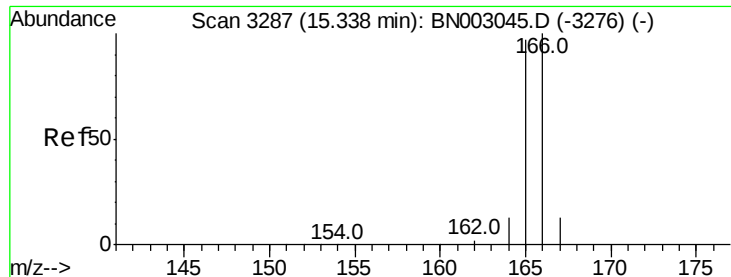
152 47.3 38.2 57.4

154 88.5 70.2 105.2



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

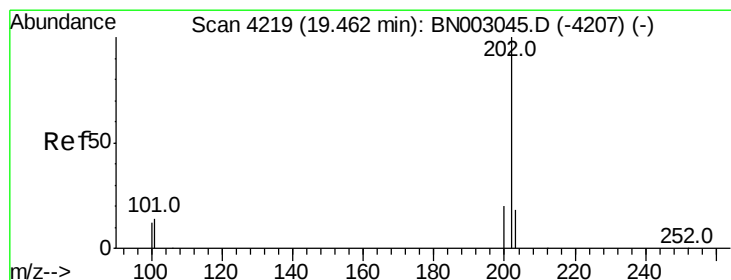
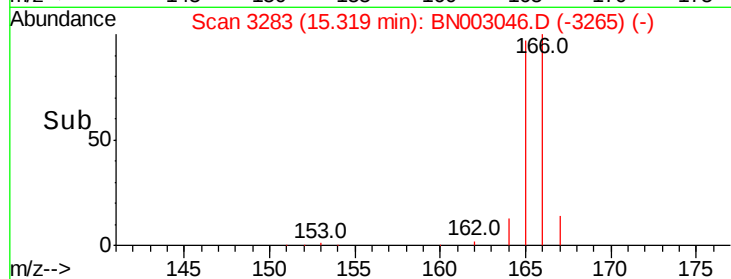
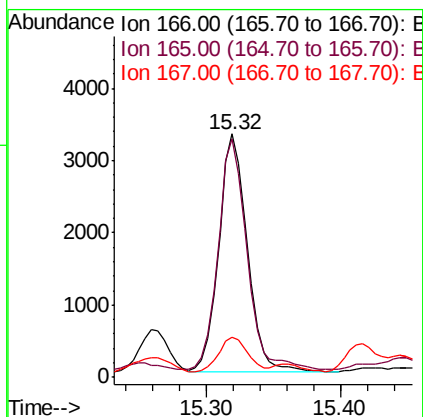
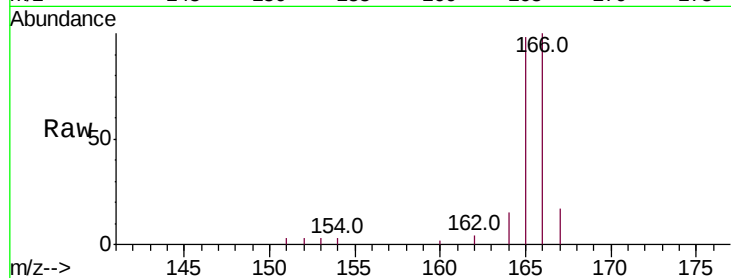




#9
Fluorene
 Concen: 0.285 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003046.D
 Acq: 10 Oct 2018 02:34

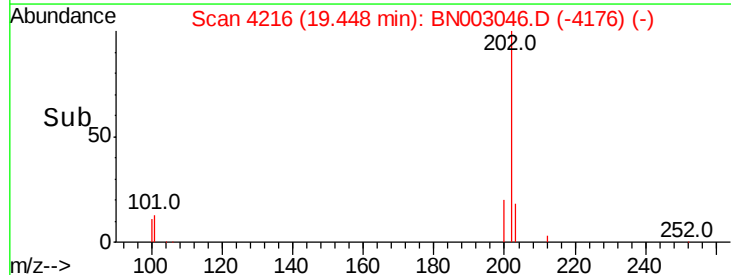
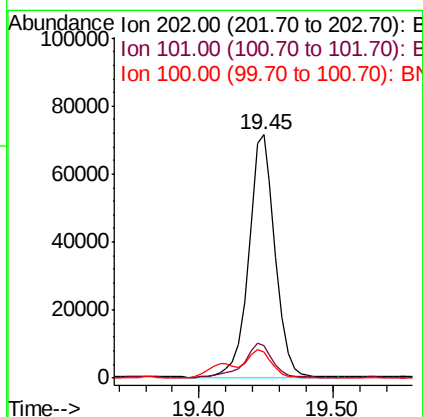
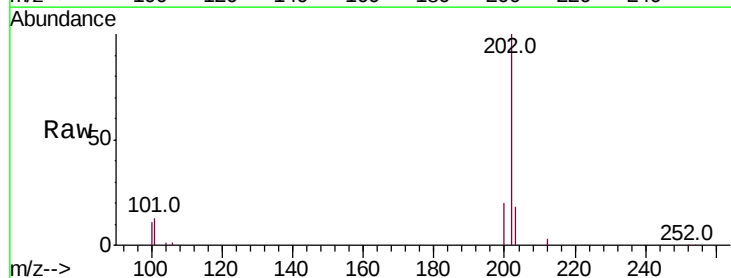
Instrument :
 BNA_N
 ClientSampleId :

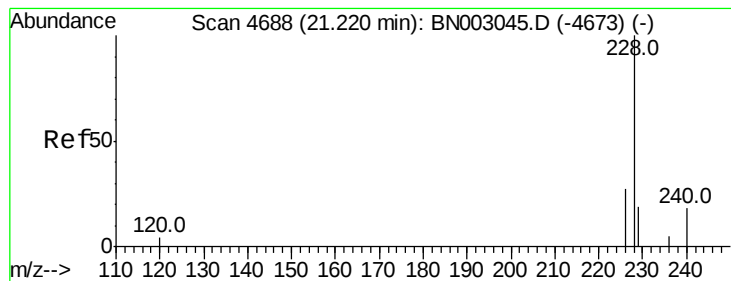
Tot Ion:166 Resp: 4816
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.5 117.7
 167 16.7 11.6 17.4



#17
Pyrene
 Concen: 1134.001 ng/ul
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BN003046.D
 Acq: 10 Oct 2018 02:34

Tgt Ion:202 Resp: 96897
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.9 17.9
 100 10.7 9.9 14.9





#18

Benzo(a)anthracene

Concen: 1673.719 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. 0.04 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampleId :

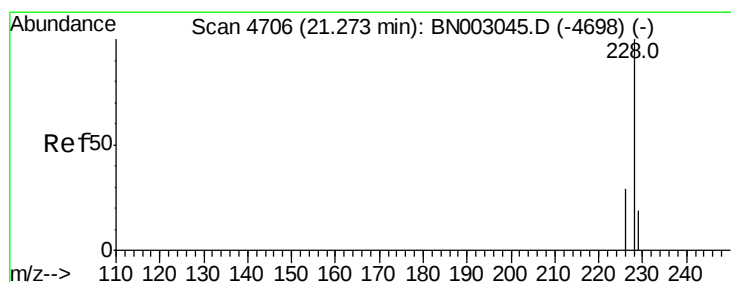
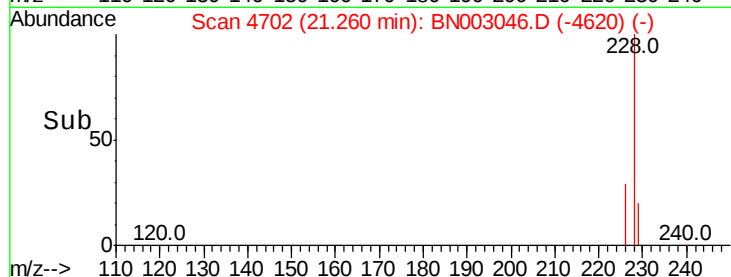
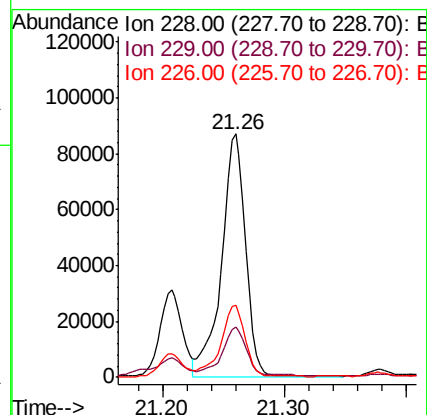
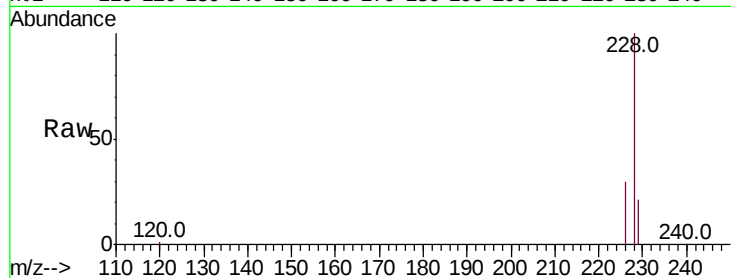
Tot Ion:228 Resp: 118493

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.2

226 29.6 22.3 33.5



#19

Chrysene

Concen: 51.469 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.10 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

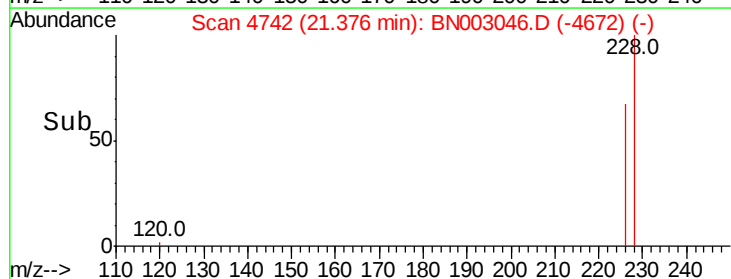
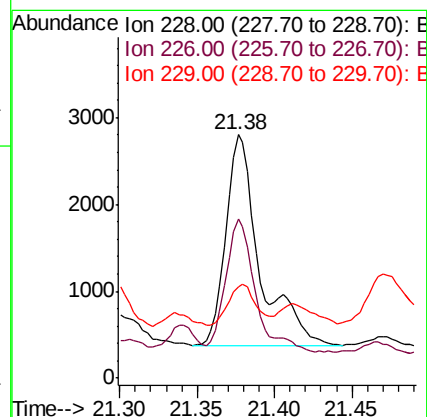
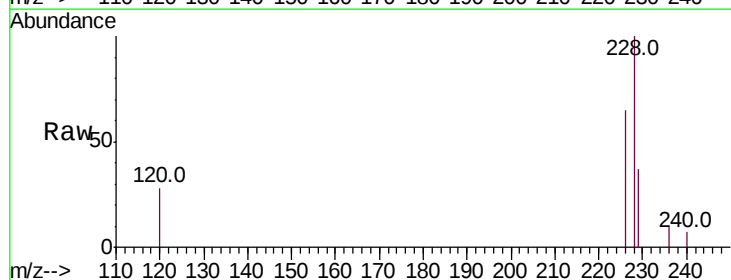
Tgt Ion:228 Resp: 3700

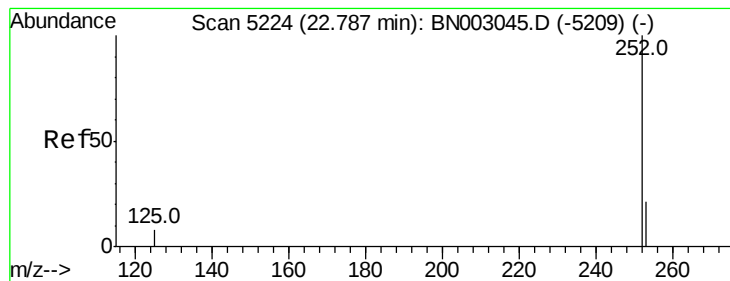
Ion Ratio Lower Upper

228 100

226 65.4 24.2 36.4#

229 37.4 16.7 25.1#





#21

Benzo(b)fluoranthene

Concen: 152.721 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampleId :

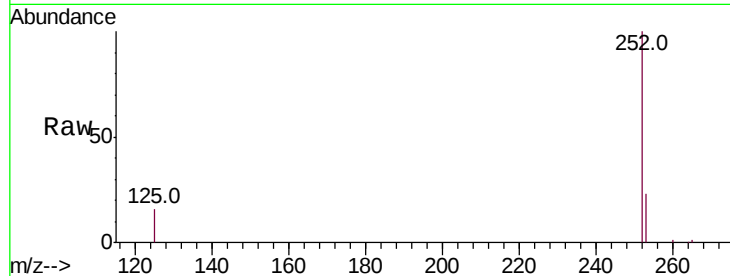
Tot Ion:252 Resp: 135852

Ion Ratio Lower Upper

252 100

253 22.9 0.0 53.2

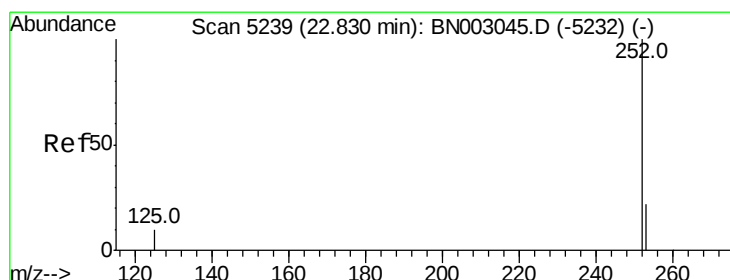
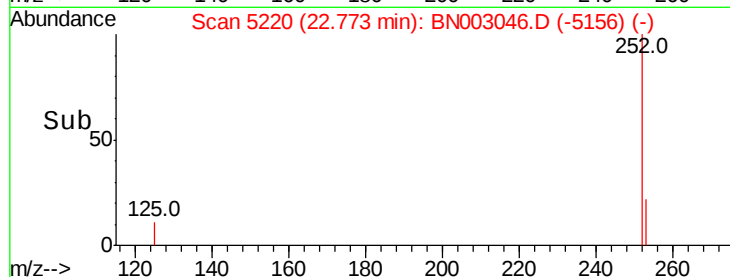
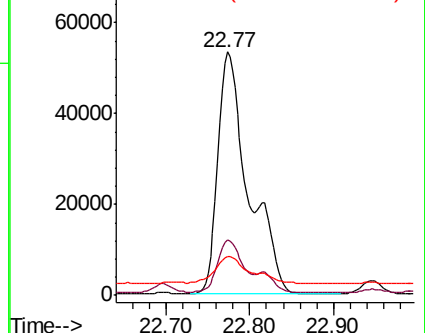
125 16.1 0.0 34.2



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: 5.267 ng/ul

RT: 22.95 min Scan# 5279

Delta R.T. 0.12 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

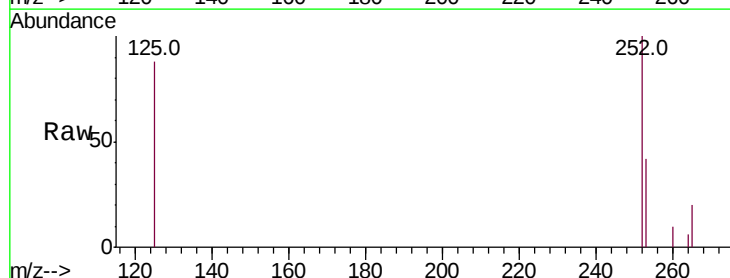
Tgt Ion:252 Resp: 4857

Ion Ratio Lower Upper

252 100

253 41.7 21.3 31.9#

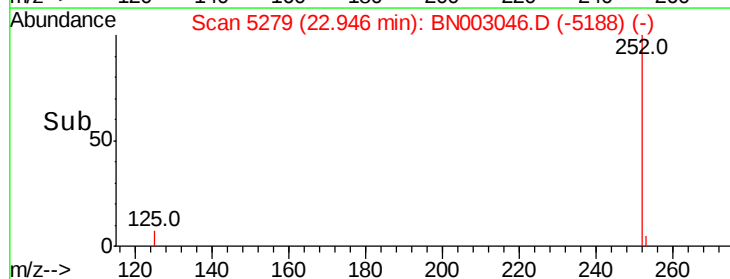
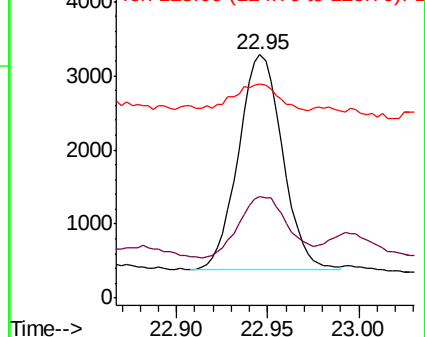
125 87.7 14.1 21.1#

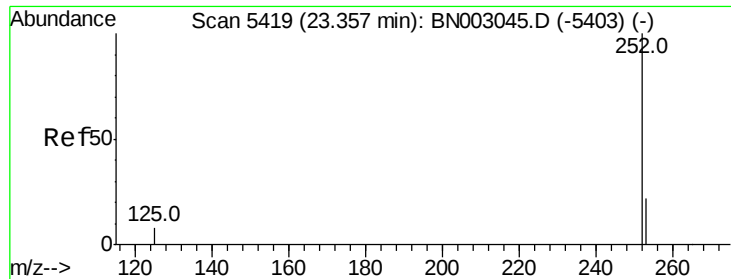


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 11.104 ng/u1

RT: 23.48 min Scan# 5462

Delta R.T. 0.12 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampleId :

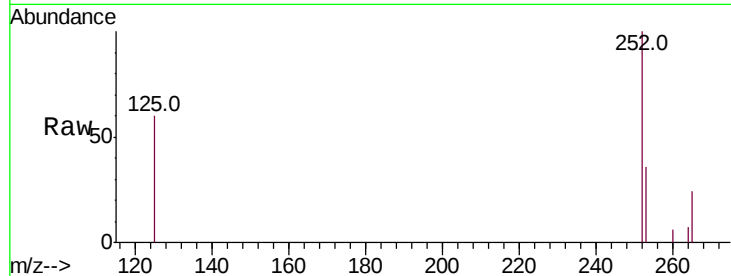
Tot Ion:252 Resp: 8852

Ion Ratio Lower Upper

252 100

253 36.1 23.1 34.7#

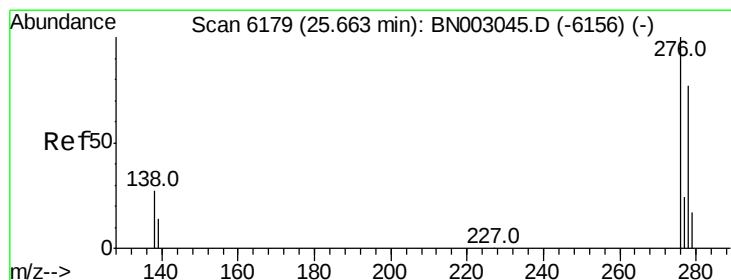
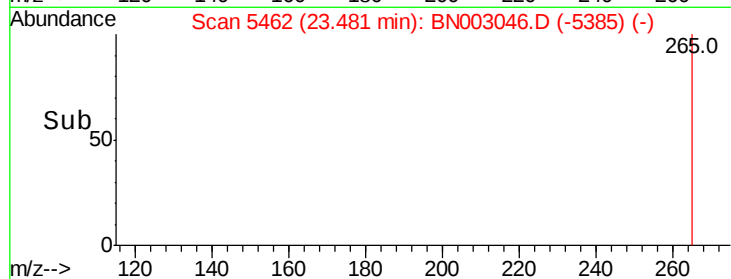
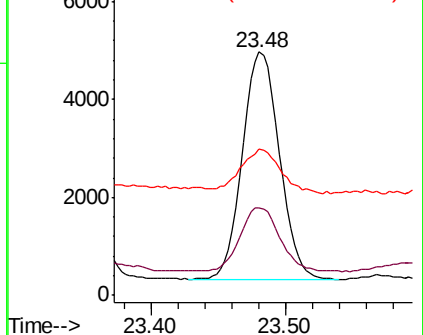
125 60.0 16.9 25.3#



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: 1.528 ng/u1

RT: 25.89 min Scan# 6247

Delta R.T. 0.23 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

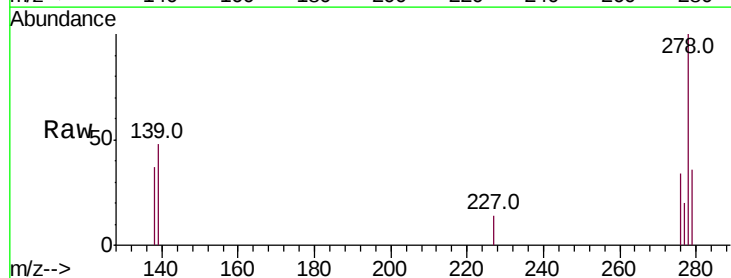
Tgt Ion:276 Resp: 1400

Ion Ratio Lower Upper

276 100

138 64.4 21.5 32.3#

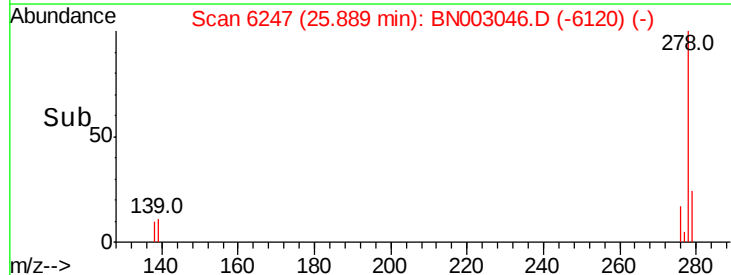
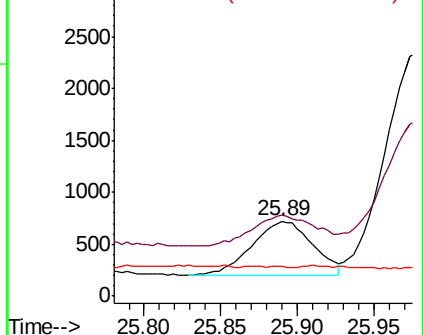
227 0.6 0.3 0.5#

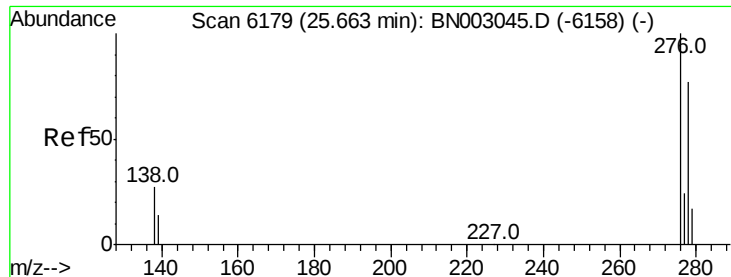


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

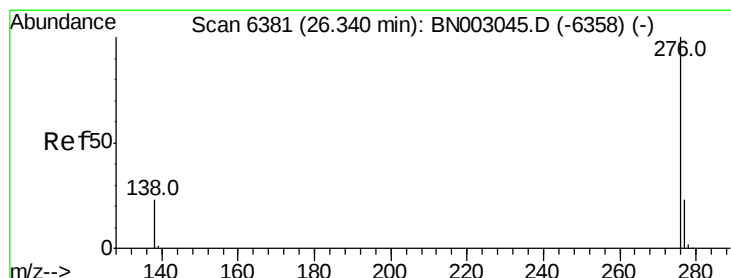
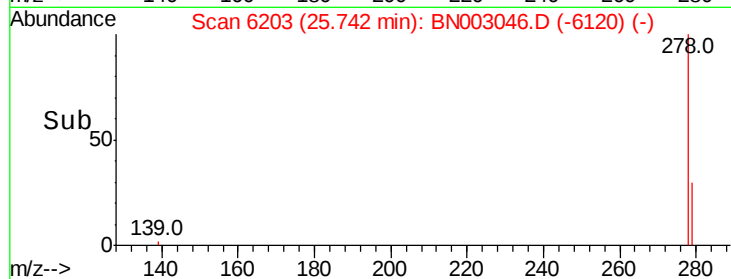
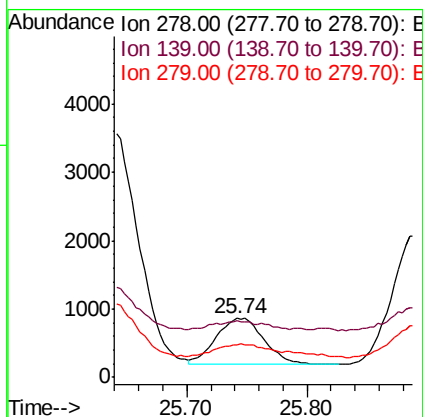
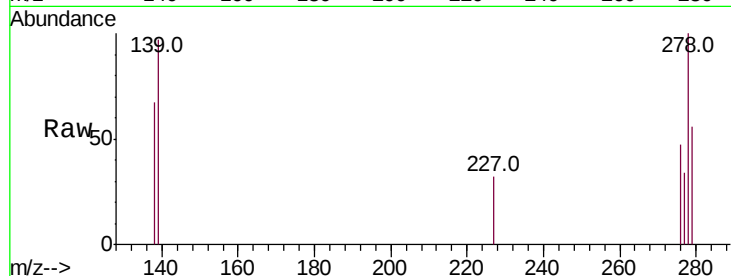




#25
Dibenzo(a,h)anthracene
Concen: 2.521 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. 0.08 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1849
Ion Ratio Lower Upper
278 100
139 96.5 20.2 30.4#
279 55.8 23.8 35.8#



#26
Benzo(g,h,i)perylene
Concen: 64.555 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.03 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Tgt Ion:276 Resp: 49868
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.4
277 24.7 22.0 33.0

