

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003052.D
 Acq On : 10 Oct 2018 06:05
 Operator : MJ/SJ
 Sample : J5115-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:39:19 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	1984	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8020	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4563	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	500654	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	35	0.40	ng/ul	0.11
20) Perylene-d12	23.57	264	2152	0.40	ng/ul	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	3382	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.15	212	207	0.00	ng/ul	0.08

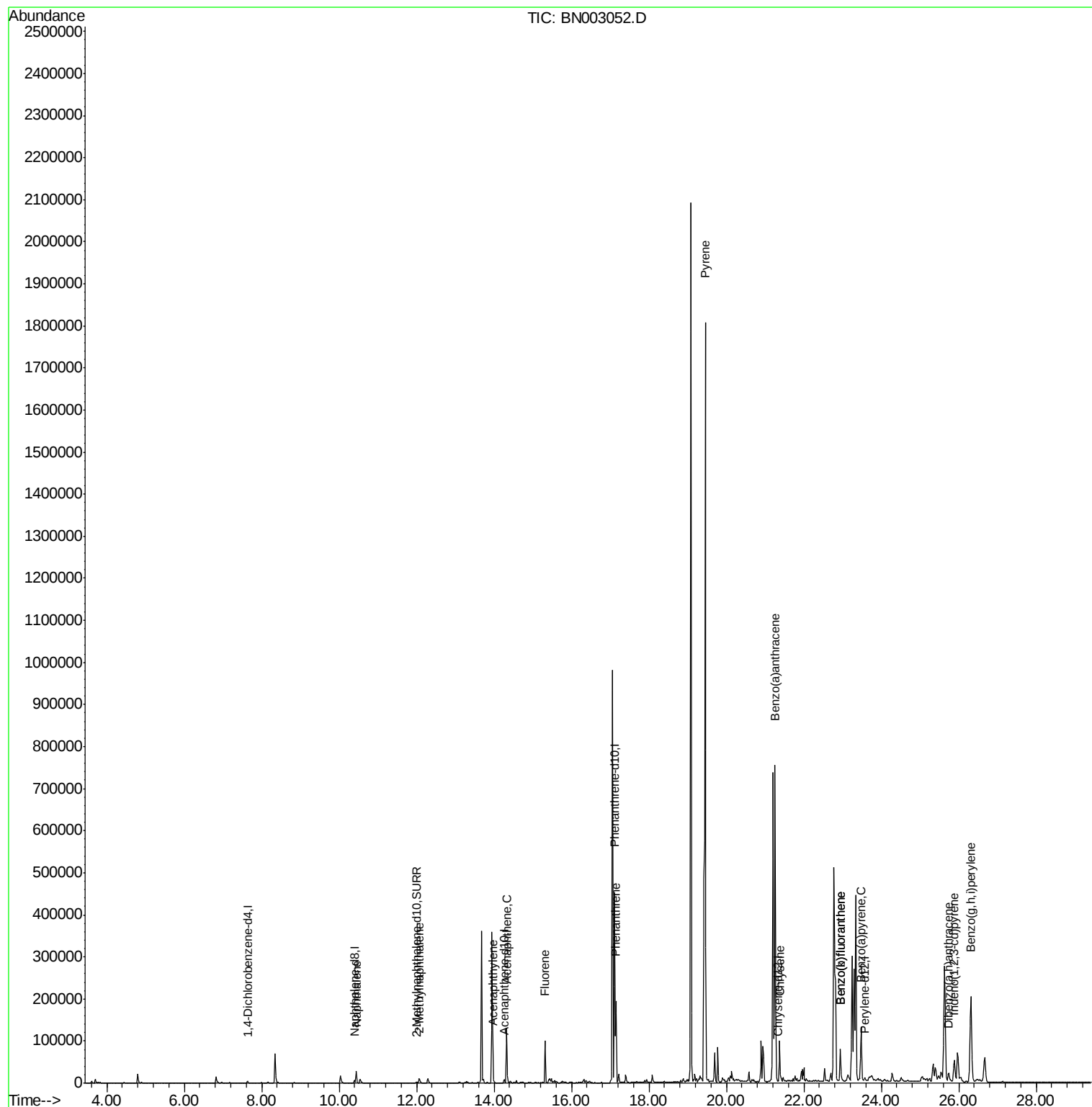
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	38127	1.853	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	9791	0.691	ng/ul	97
7) Acenaphthylene	13.98	152	5786	0.277	ng/ul#	96
8) Acenaphthene	14.32	153	74679	4.714	ng/ul	98
9) Fluorene	15.32	166	63974	3.526	ng/ul	98
12) Phenanthrene	17.15	178	207804	0.149	ng/ul	98
17) Pyrene	19.45	202	1548848	11393.750	ng/ul	97
18) Benzo(a)anthracene	21.26	228	684942	6081.328	ng/ul	96
19) Chrysene	21.38	228	71265	623.119	ng/ul#	63
21) Benzo(b)fluoranthene	22.94	252	94723	12.222	ng/ul	96
22) Benzo(k)fluoranthene	22.94	252	94723	11.790	ng/ul	95
23) Benzo(a)pyrene	23.48	252	161185	23.206	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.88	276	19108	2.394	ng/ul#	43
25) Dibenzo(a,h)anthracene	25.74	278	27362	4.283	ng/ul	97
26) Benzo(g,h,i)perylene	26.32	276	366305	54.426	ng/ul	92

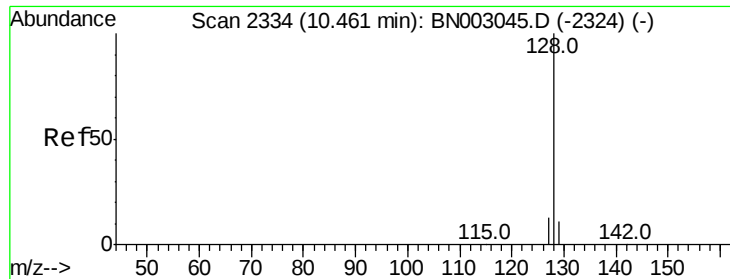
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.853 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

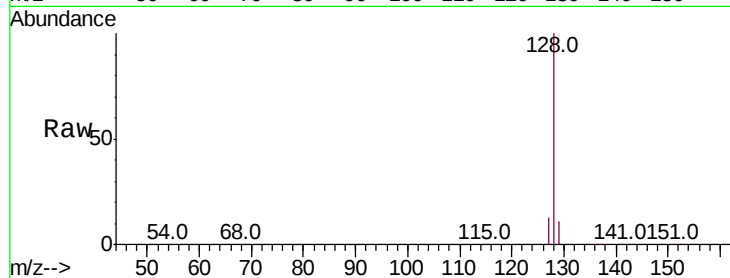
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 38127

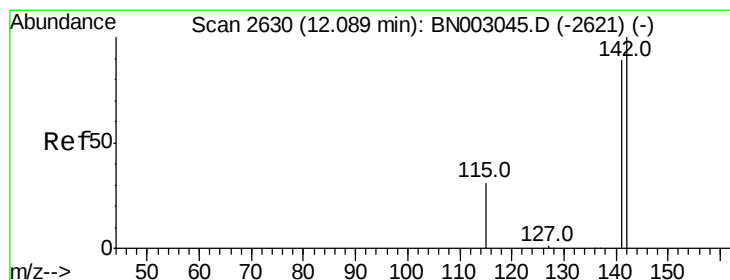
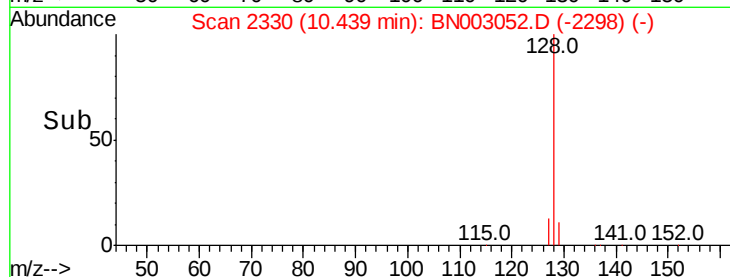
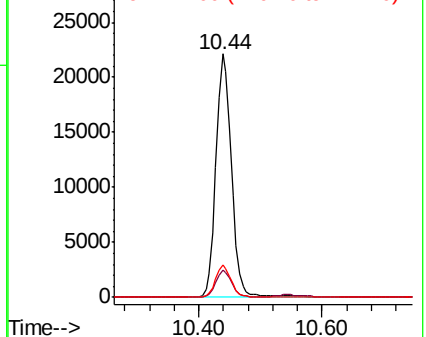
Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.4	15.6
127	13.1	11.7	17.5



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: 0.691 ng/ul

RT: 12.07 min Scan# 2626

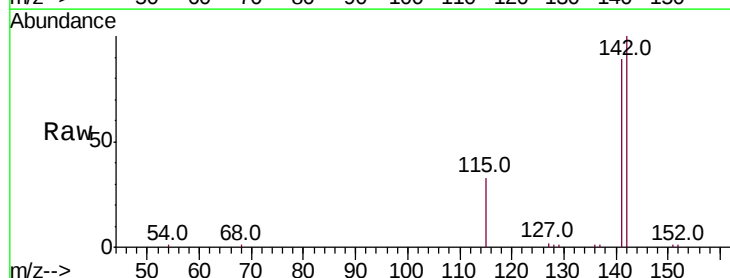
Delta R.T. -0.02 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

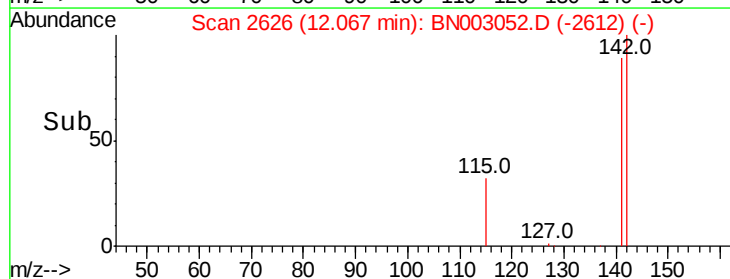
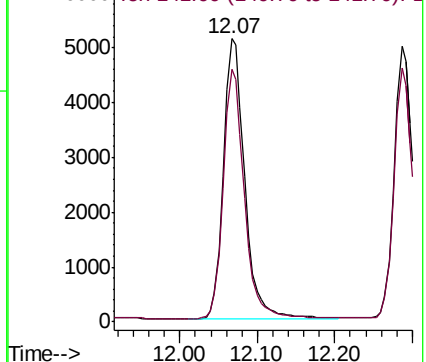
Tgt Ion:142 Resp: 9791

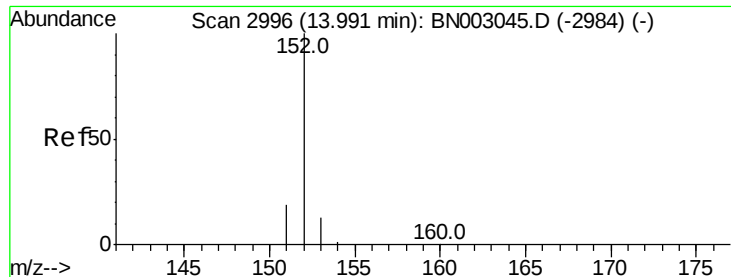
Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.277 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

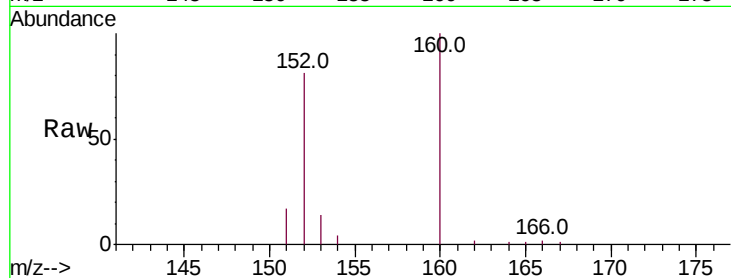
Tot Ion:152 Resp: 5786

Ion Ratio Lower Upper

152 100

151 20.8 16.5 24.7

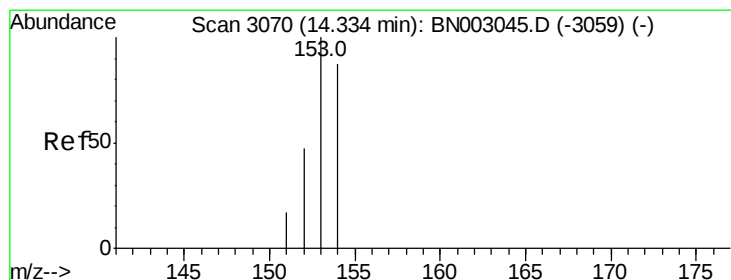
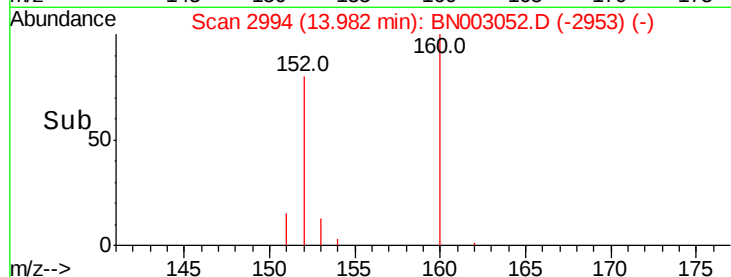
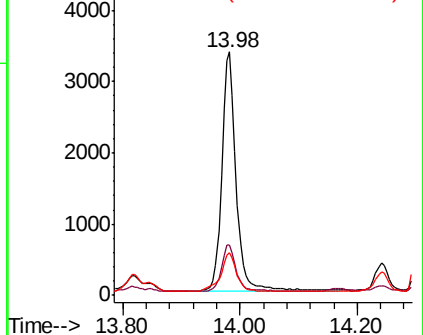
153 17.7 11.4 17.2#



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: 4.714 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

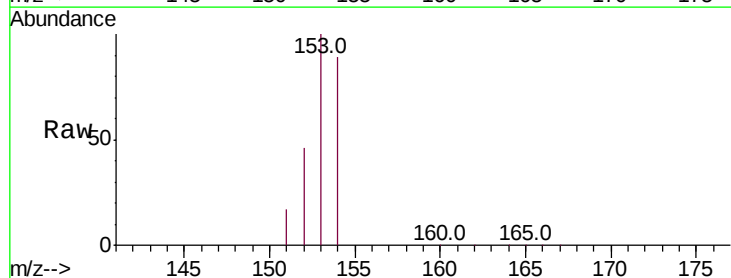
Tgt Ion:153 Resp: 74679

Ion Ratio Lower Upper

153 100

152 46.3 38.2 57.4

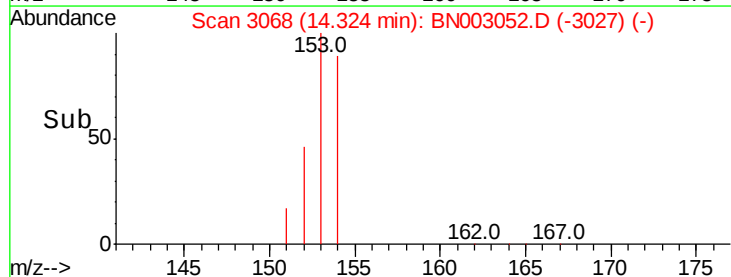
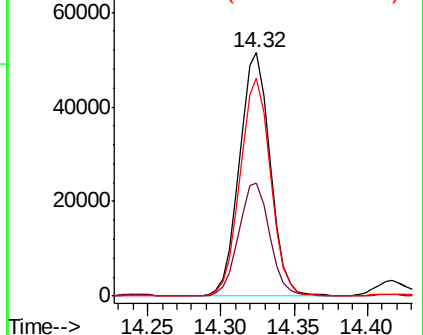
154 89.5 70.2 105.2

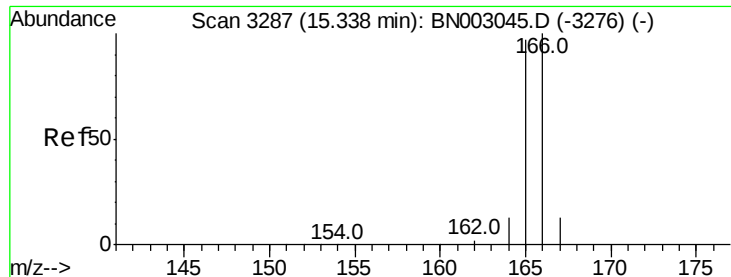


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.526 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

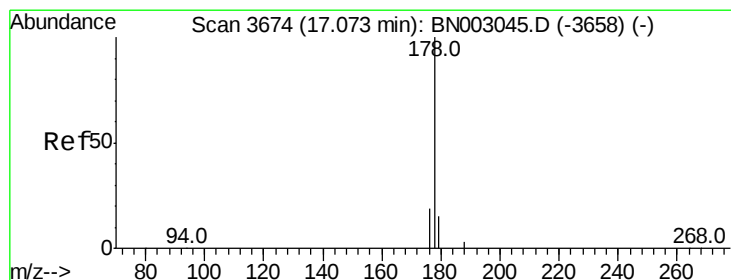
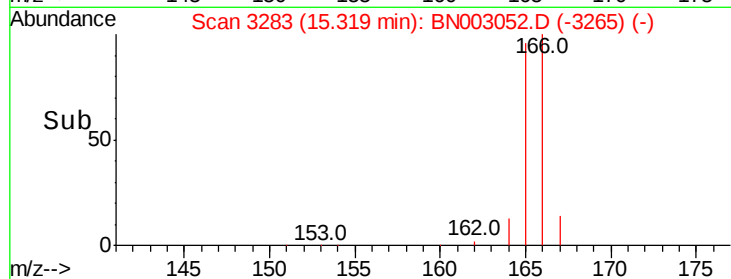
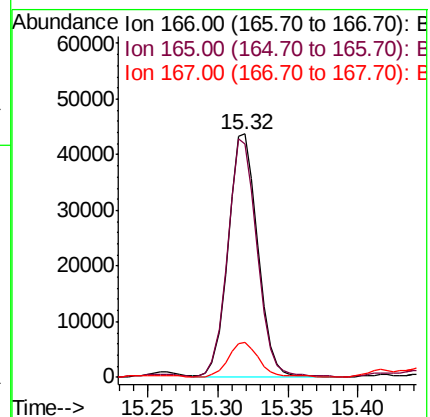
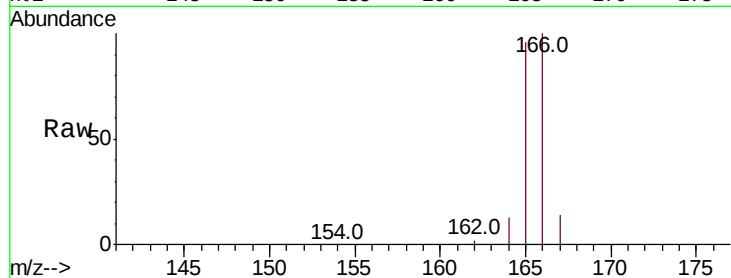
Tot Ion:166 Resp: 63974

Ion Ratio Lower Upper

166 100

165 96.0 78.5 117.7

167 14.4 11.6 17.4



#12

Phenanthrene

Concen: 0.149 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. 0.08 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

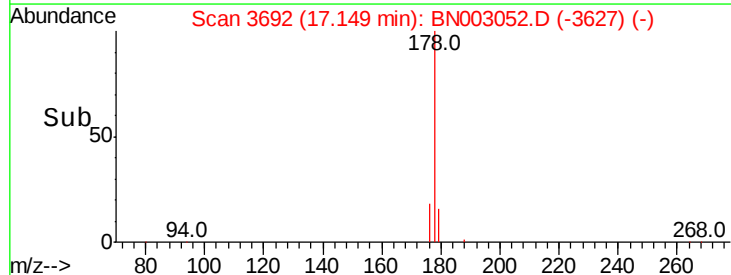
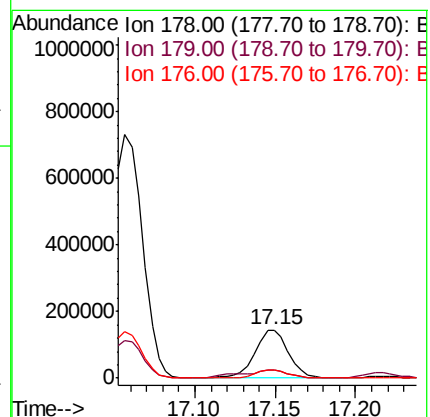
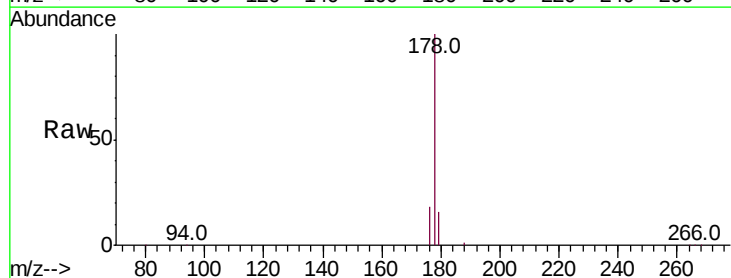
Tgt Ion:178 Resp: 207804

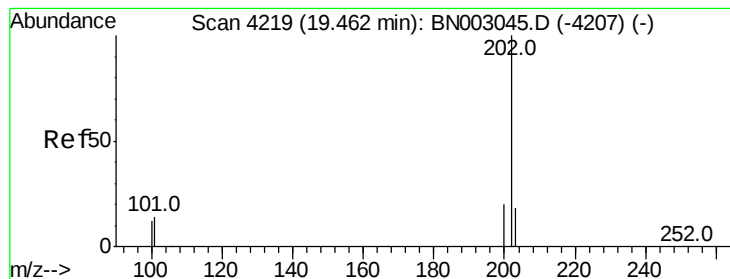
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 17.9 15.4 23.2





#17

Pvrene

Concen: 11393.750 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

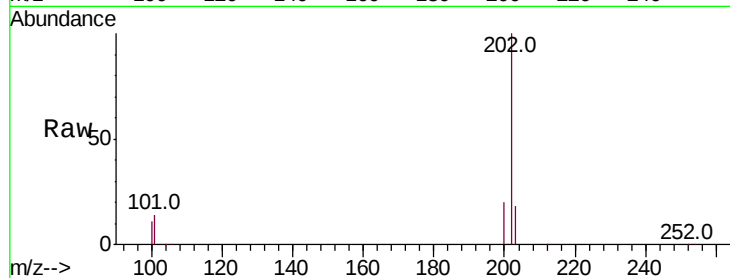
Tot Ion:202 Resp: 1548848

Ion Ratio Lower Upper

202 100

101 14.0 11.9 17.9

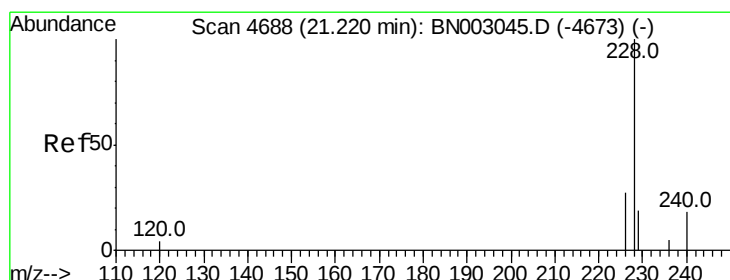
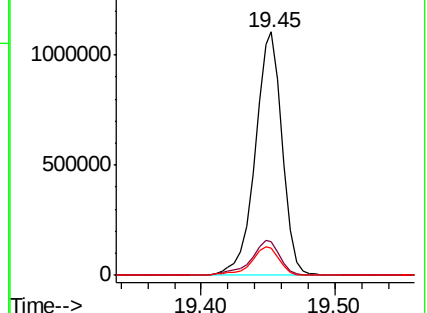
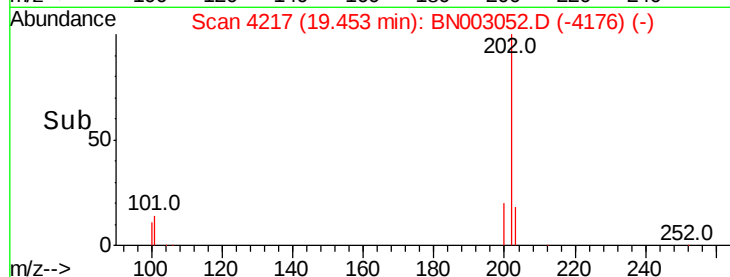
100 11.1 9.9 14.9



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): E



#18

Benzo(a)anthracene

Concen: 6081.328 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.04 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

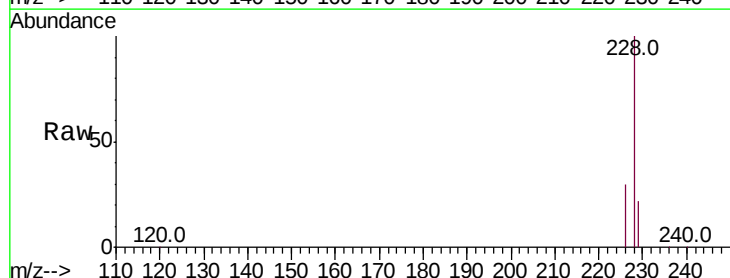
Tgt Ion:228 Resp: 684942

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

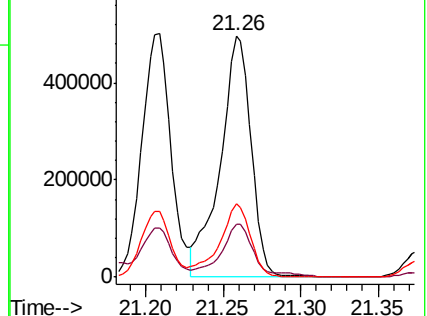
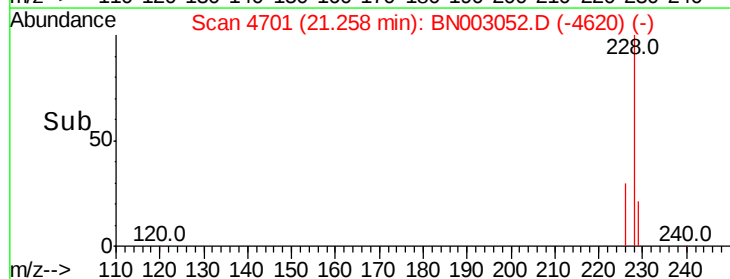
226 30.1 22.3 33.5

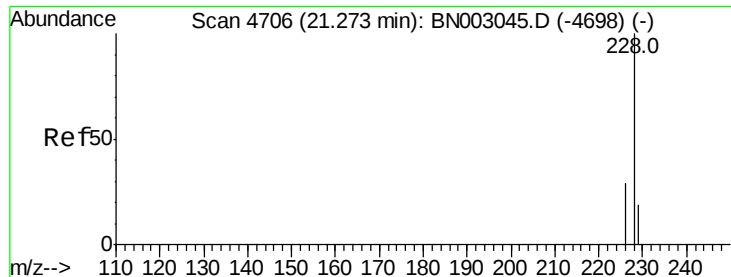


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 623.119 ng/ul

RT: 21.38 min Scan# 4741

Delta R.T. 0.10 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

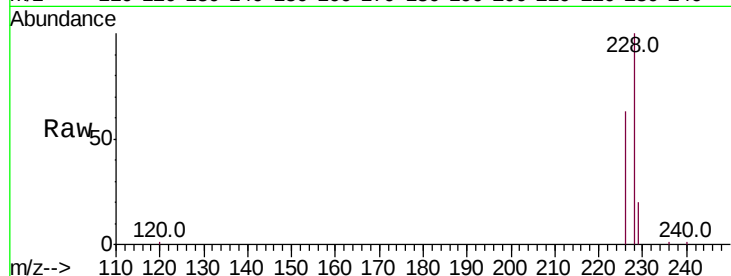
Tot Ion:228 Resp: 71265

Ion Ratio Lower Upper

228 100

226 63.2 24.2 36.4#

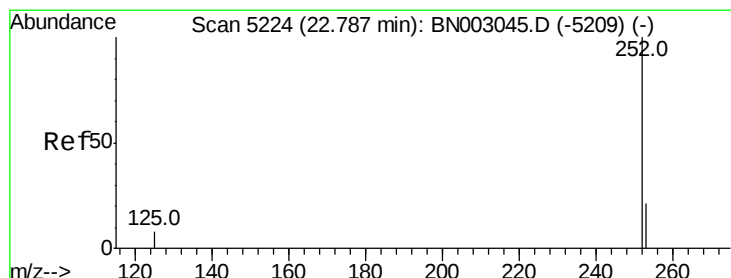
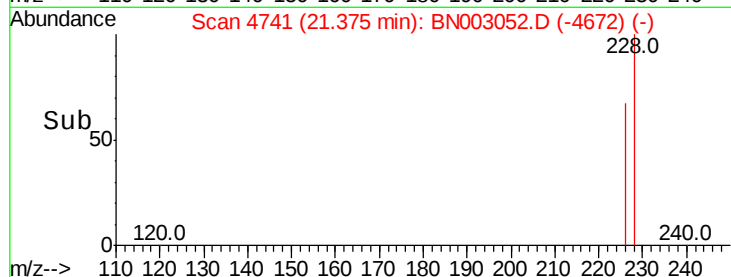
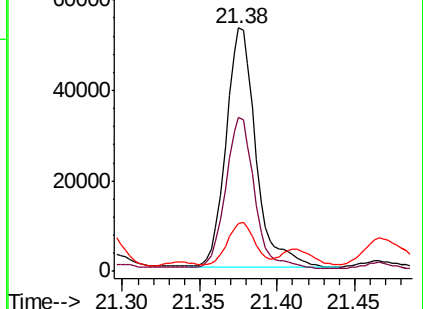
229 19.8 16.7 25.1



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: 12.222 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.16 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

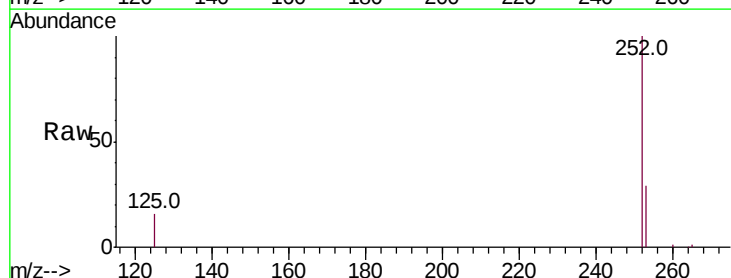
Tgt Ion:252 Resp: 94723

Ion Ratio Lower Upper

252 100

253 29.1 0.0 53.2

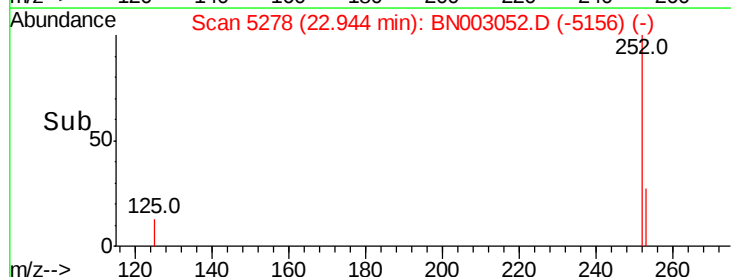
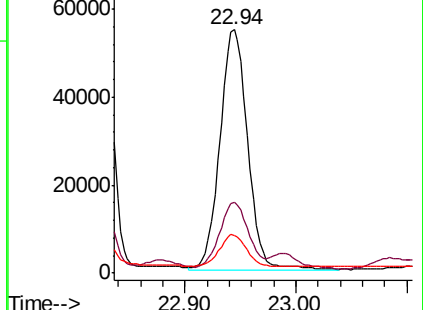
125 15.6 0.0 34.2

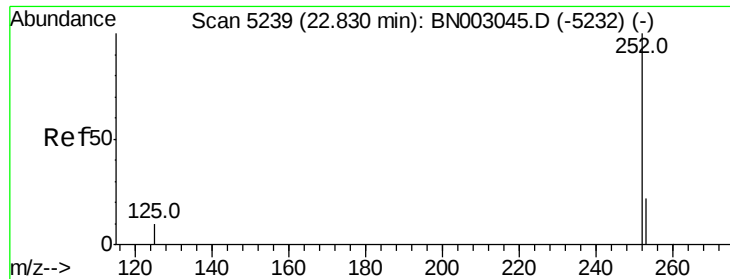


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

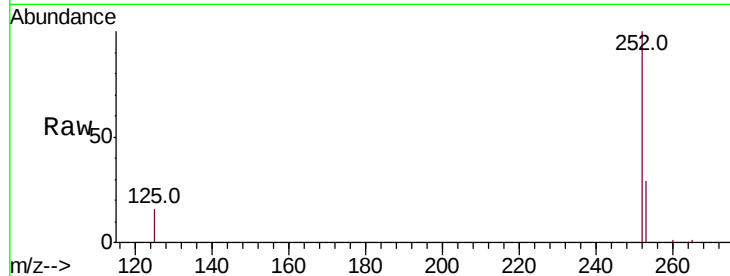




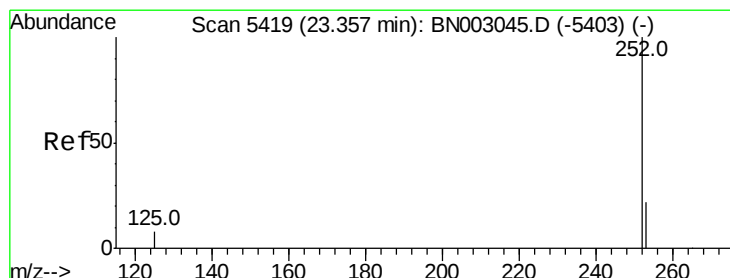
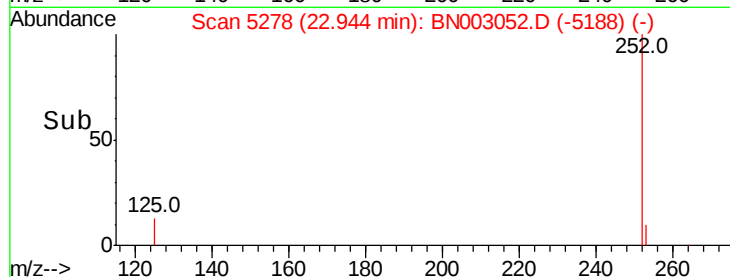
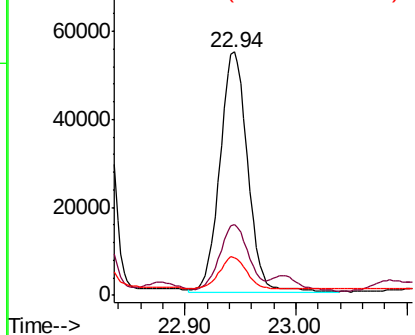
#22
Benzo(k)fluoranthene
Concen: 11.790 ng/ul
RT: 22.94 min Scan# 5278
Delta R.T. 0.11 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 94723
Ion Ratio Lower Upper
252 100
253 29.1 21.3 31.9
125 15.6 14.1 21.1

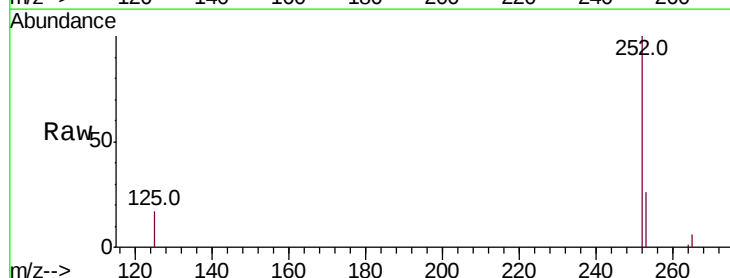


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

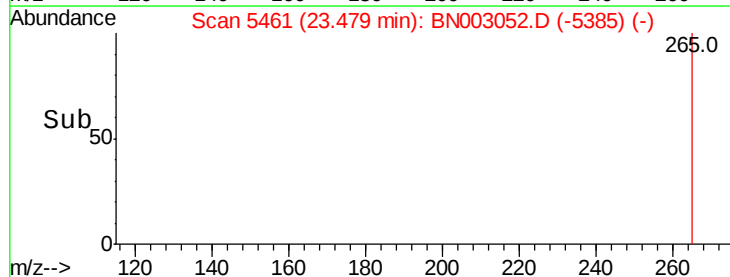
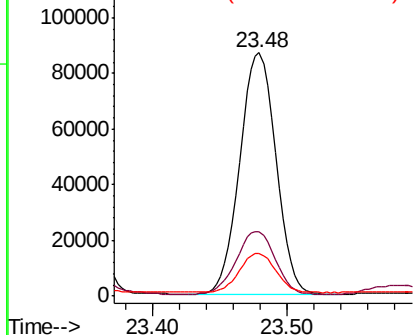


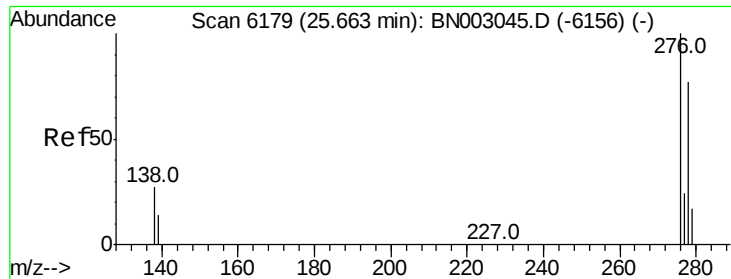
#23
Benzo(a)pyrene
Concen: 23.206 ng/ul
RT: 23.48 min Scan# 5461
Delta R.T. 0.12 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:252 Resp: 161185
Ion Ratio Lower Upper
252 100
253 26.3 23.1 34.7
125 17.5 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

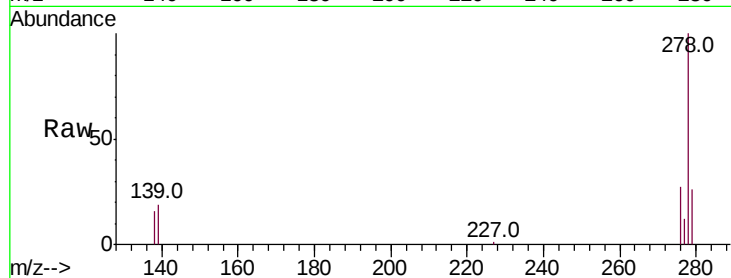




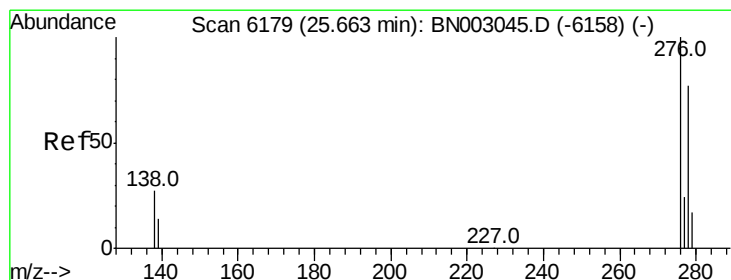
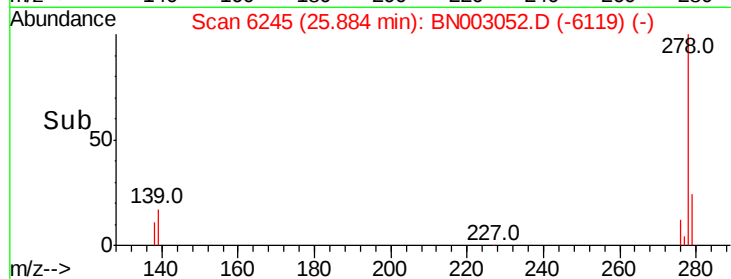
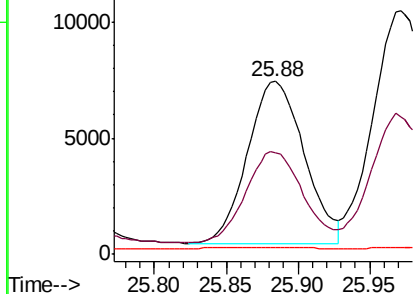
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.394 ng/ul
 RT: 25.88 min Scan# 6245
 Delta R.T. 0.22 min
 Lab File: BN003052.D
 Acq: 10 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 19108
 Ion Ratio Lower Upper
 276 100
 138 56.9 21.5 32.3#
 227 0.7 0.3 0.5#

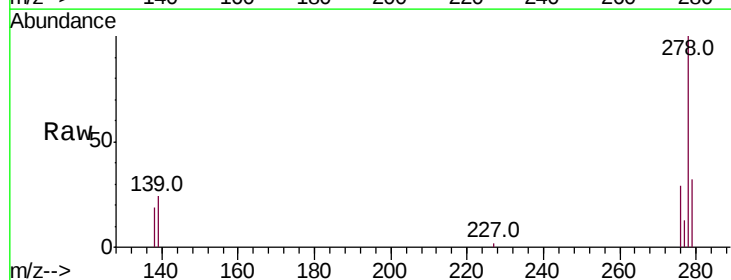


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

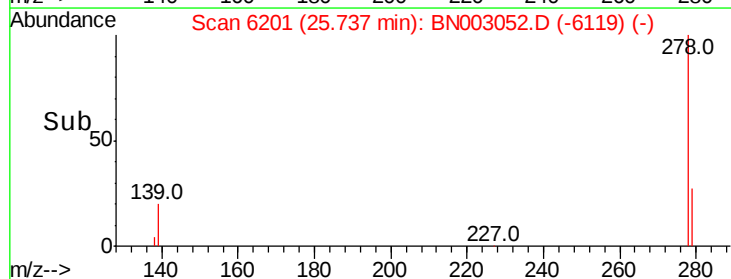
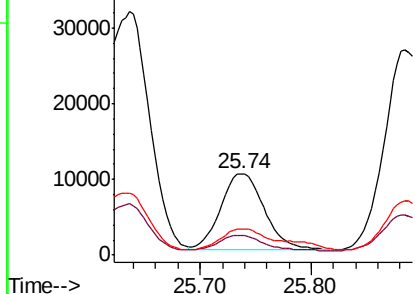


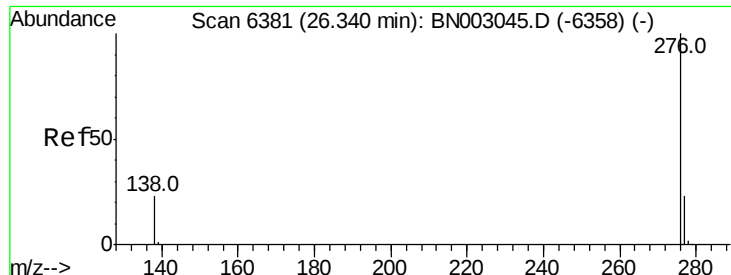
#25
 Dibenzo(a,h)anthracene
 Concen: 4.283 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. 0.07 min
 Lab File: BN003052.D
 Acq: 10 Oct 2018 06:05

Tgt Ion:278 Resp: 27362
 Ion Ratio Lower Upper
 278 100
 139 24.2 20.2 30.4
 279 31.6 23.8 35.8



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(a,h,i)perylene

Concen: 54.426 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

Lab File: BN003052.D

Acq: 10 Oct 2018 06:05

Instrument :

BNA_N

ClientSampleId :

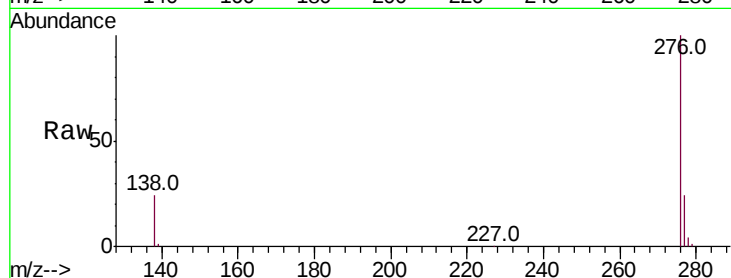
Tot Ion:276 Resp: 366305

Ion Ratio Lower Upper

276 100

138 24.1 23.0 34.4

277 24.0 22.0 33.0



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

