

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003066.D
 Acq On : 10 Oct 2018 16:15
 Operator : MJ/SJ
 Sample : J5230-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 07:07:33 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 : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration

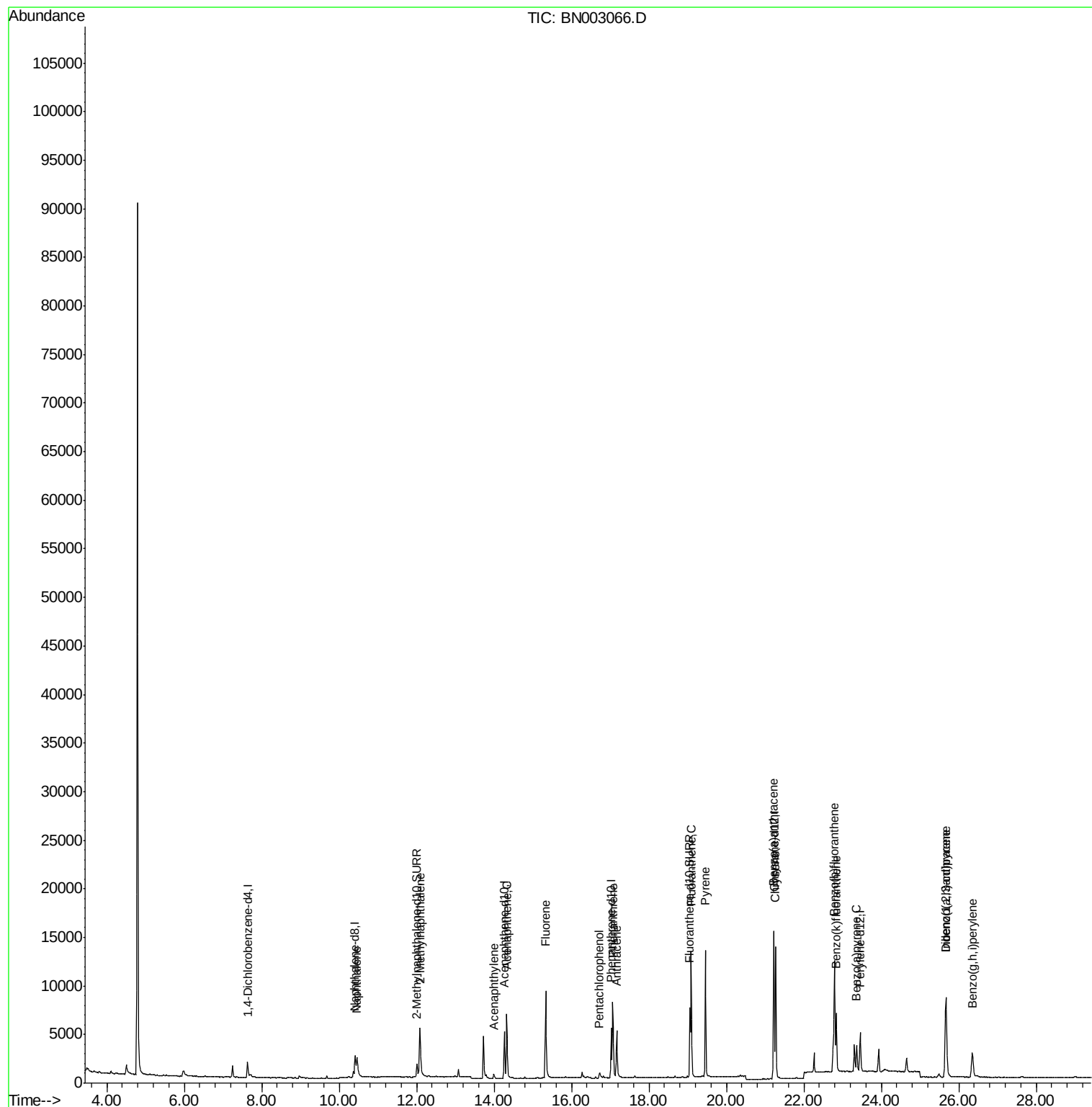
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1191	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	4851	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2923	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7203	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7022	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5738	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2735	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	8613	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	4053	0.326	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	5901	0.689	ng/ul	97
7) Acenaphthylene	13.99	152	660	0.049	ng/ul#	75
8) Acenaphthene	14.32	153	4493	0.443	ng/ul	99
9) Fluorene	15.33	166	7515	0.647	ng/ul	99
11) Pentachlorophenol	16.72	266	868	1.242	ng/ul	99
12) Phenanthrene	17.07	178	9667	0.481	ng/ul	100
13) Anthracene	17.17	178	7078	0.373	ng/ul	99
15) Fluoranthene	19.09	202	11874	0.504	ng/ul	96
17) Pyrene	19.46	202	11995	0.440	ng/ul	99
18) Benzo(a)anthracene	21.22	228	12439	0.550	ng/ul	99
19) Chrysene	21.27	228	13173	0.574	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	15720	0.761	ng/ul	94
22) Benzo(k)fluoranthene	22.83	252	8167	0.381	ng/ul	98
23) Benzo(a)pyrene	23.36	252	4289	0.232	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.67	276	3434	0.161	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.67	278	13754	0.807	ng/ul#	91
26) Benzo(g,h,i)perylene	26.35	276	5791	0.323	ng/ul	99

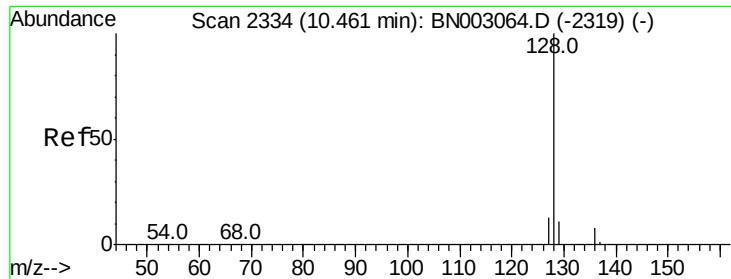
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.326 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

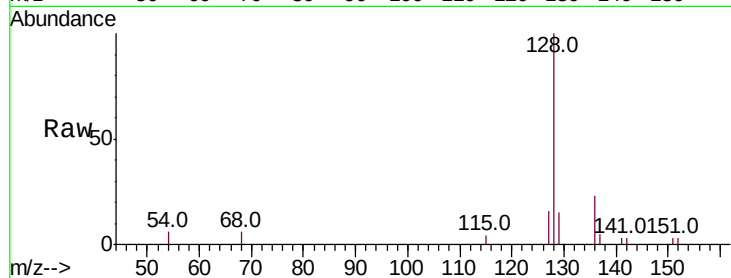
Tot Ion:128 Resp: 4053

Ion Ratio Lower Upper

128 100

129 14.7 10.4 15.6

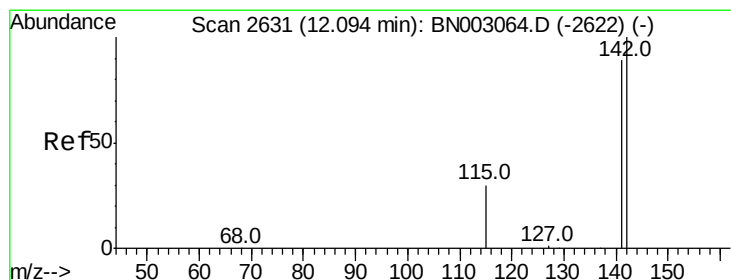
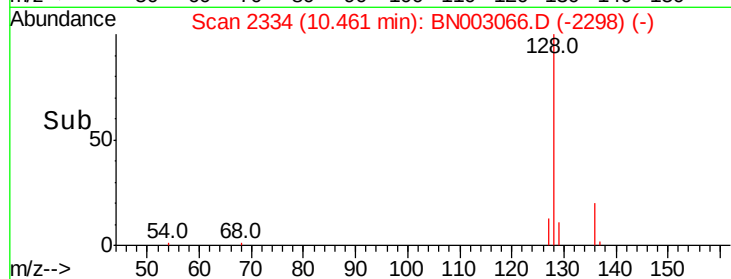
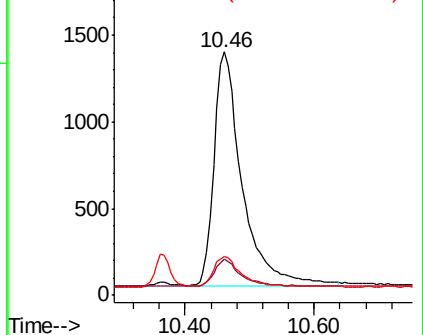
127 16.1 11.7 17.5



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: 0.689 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003066.D

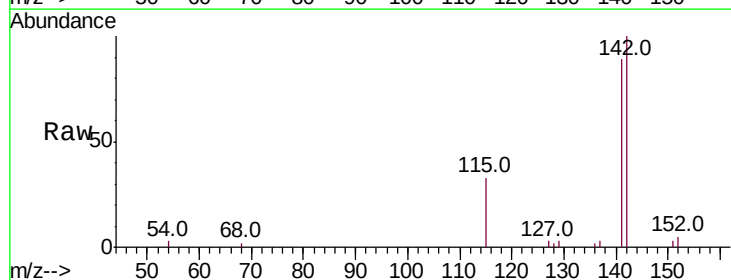
Acq: 10 Oct 2018 16:15

Tgt Ion:142 Resp: 5901

Ion Ratio Lower Upper

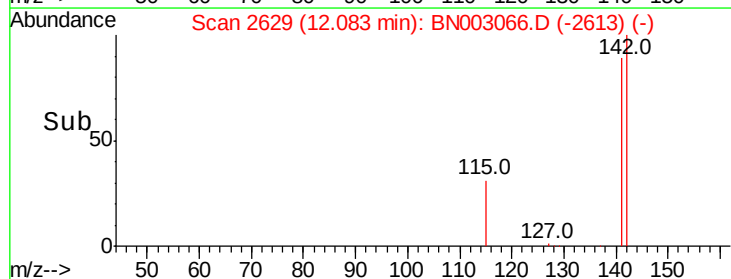
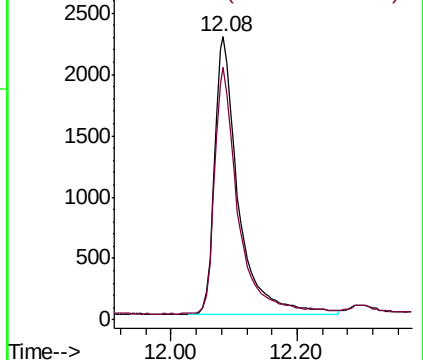
142 100

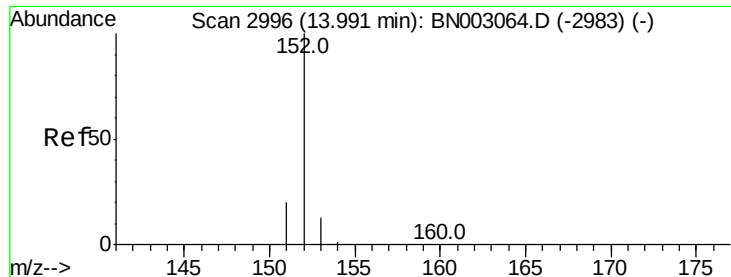
141 89.0 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.99 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

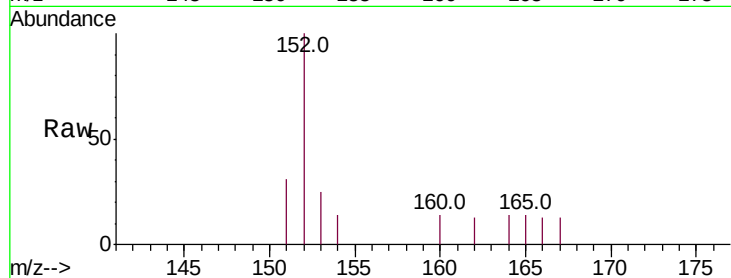
Tot Ion:152 Resp: 660

Ion Ratio Lower Upper

152 100

151 31.4 16.5 24.7#

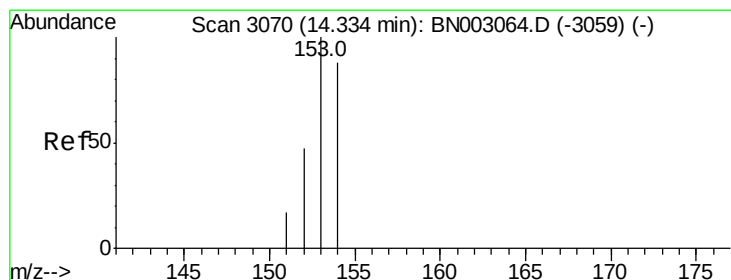
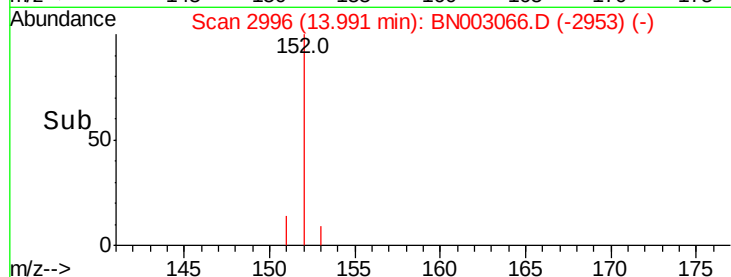
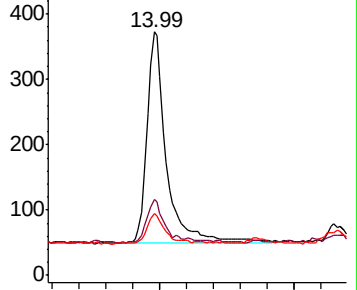
153 25.2 11.4 17.2#



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: 0.443 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

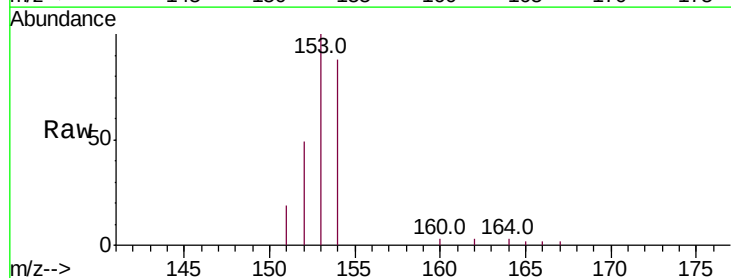
Tgt Ion:153 Resp: 4493

Ion Ratio Lower Upper

153 100

152 49.2 38.2 57.4

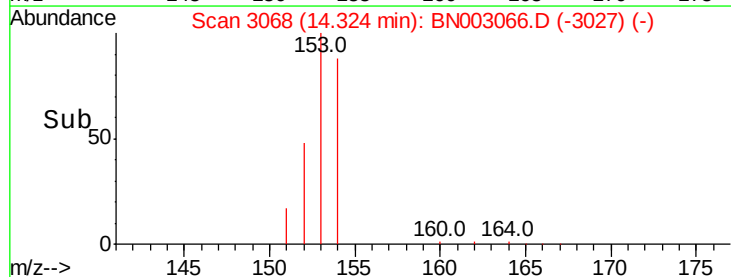
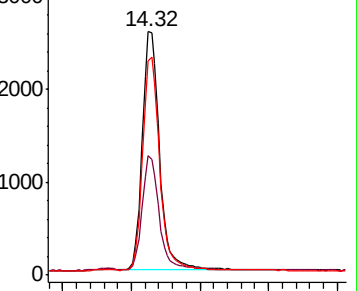
154 87.8 70.2 105.2

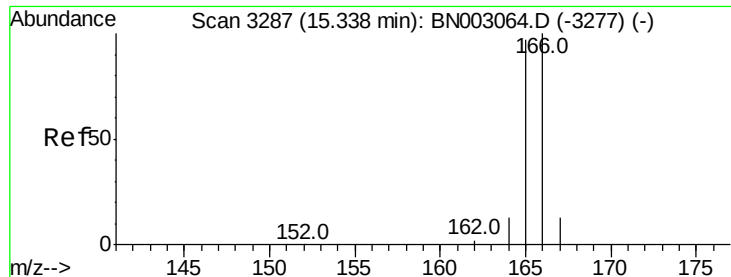


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.647 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

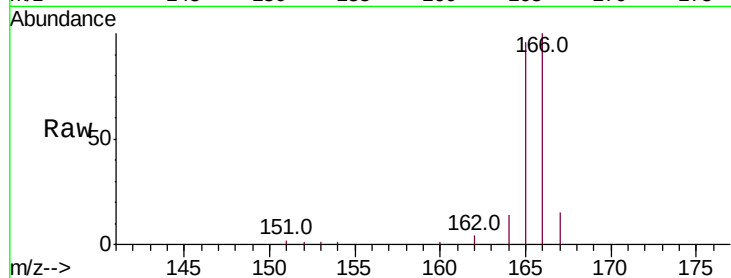
Tot Ion:166 Resp: 7515

Ion Ratio Lower Upper

166 100

165 96.5 78.5 117.7

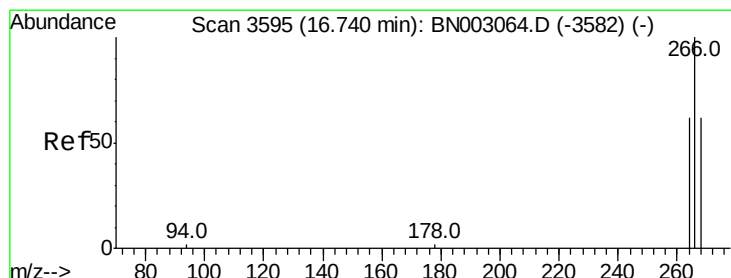
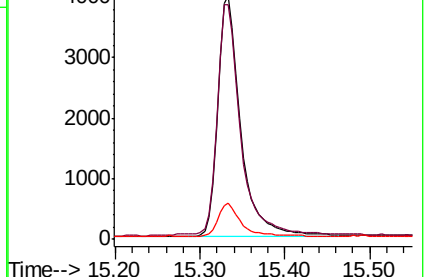
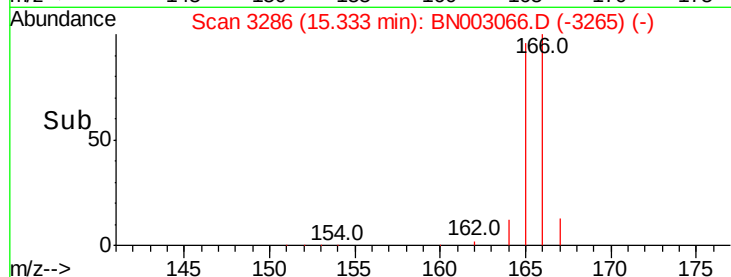
167 14.7 11.6 17.4



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



#11

Pentachlorophenol

Concen: 1.242 ng/ul

RT: 16.72 min Scan# 3591

Delta R.T. -0.02 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

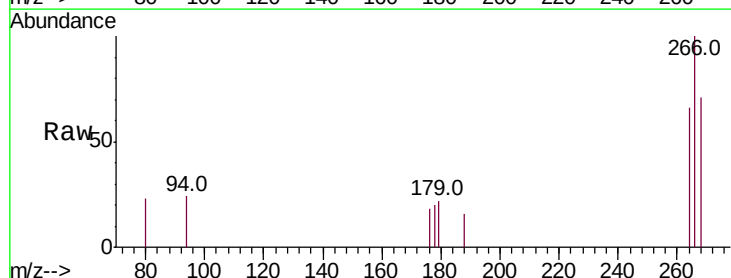
Tgt Ion:266 Resp: 868

Ion Ratio Lower Upper

266 100

264 63.9 52.5 78.7

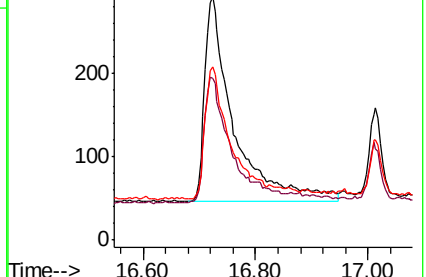
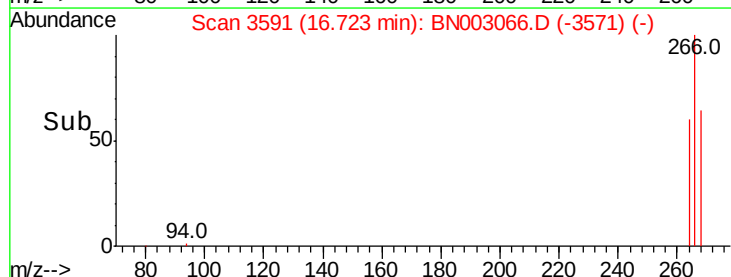
268 60.6 48.6 72.8

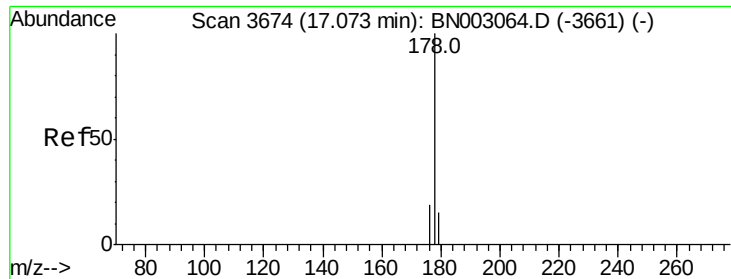


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.481 ng/ul

RT: 17.07 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

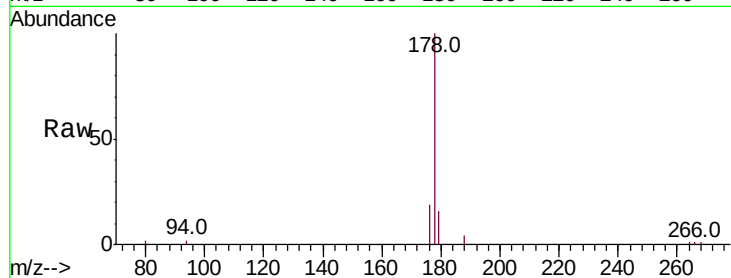
Tot Ion:178 Resp: 9667

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

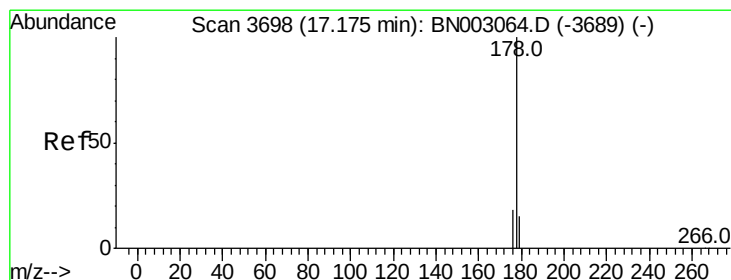
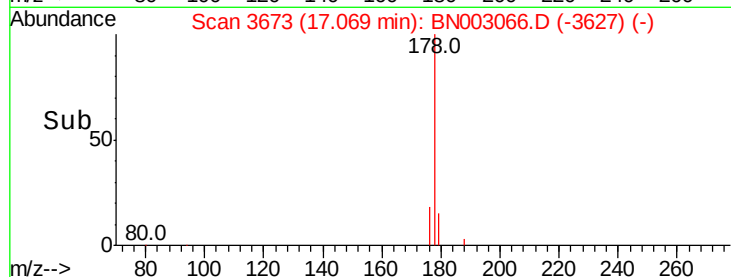
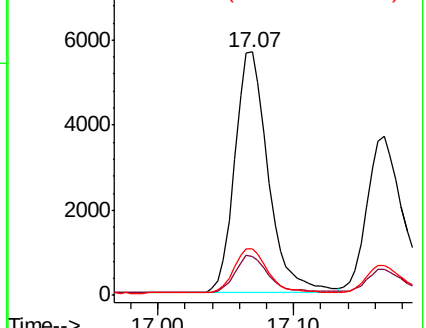
176 19.1 15.4 23.2



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: 0.373 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

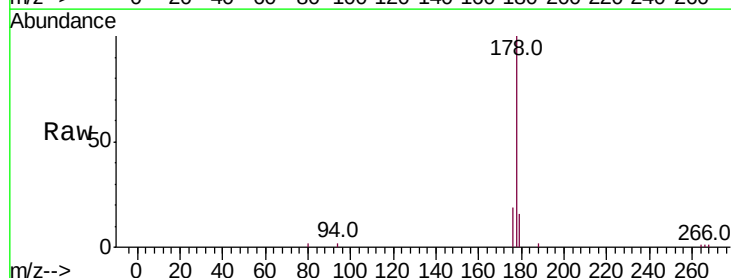
Tgt Ion:178 Resp: 7078

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

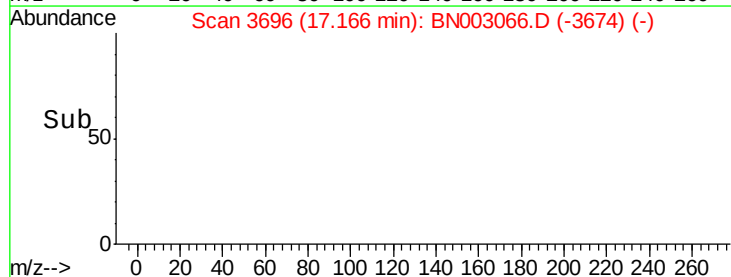
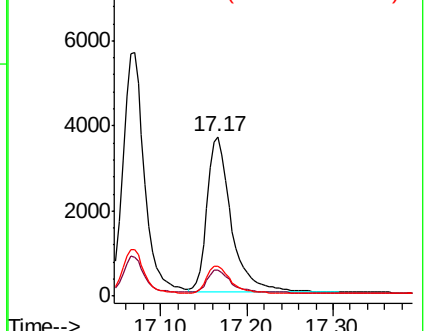
176 18.8 15.3 22.9

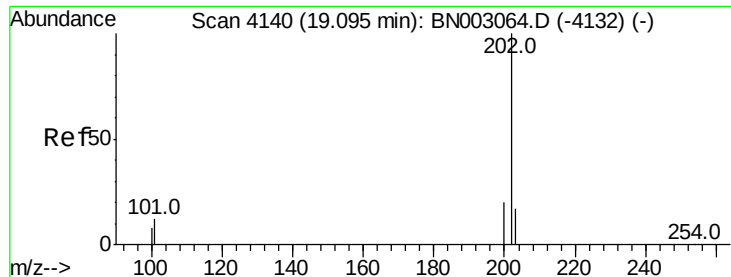


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.504 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

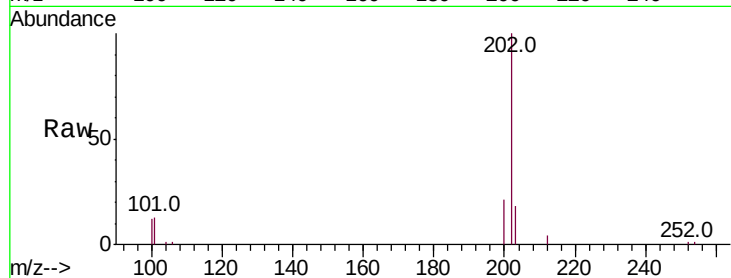
Tot Ion:202 Resp: 11874

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.3

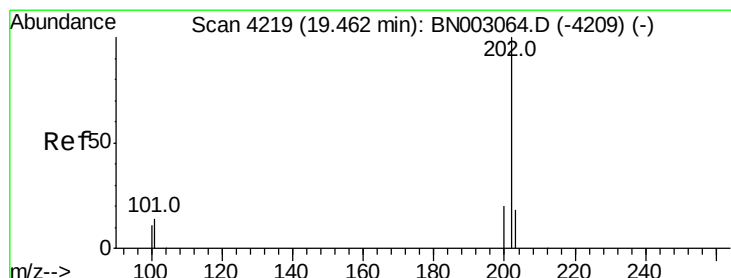
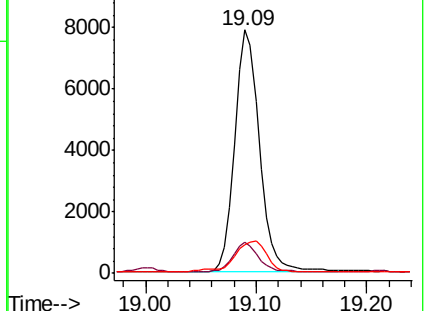
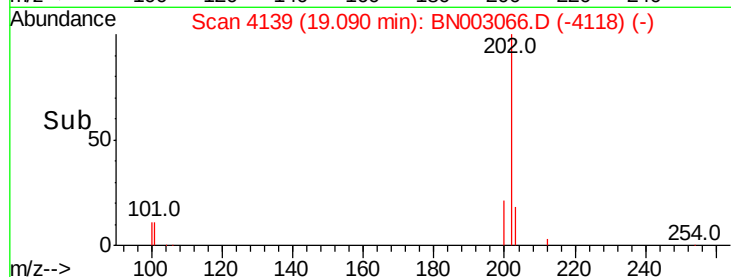
100 11.5 0.0 29.1



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: 0.440 ng/ul

RT: 19.46 min Scan# 4218

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

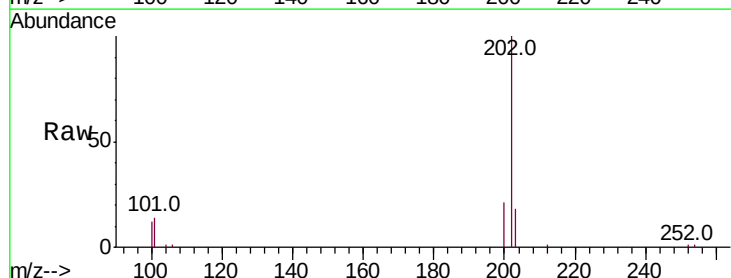
Tgt Ion:202 Resp: 11995

Ion Ratio Lower Upper

202 100

101 14.4 11.9 17.9

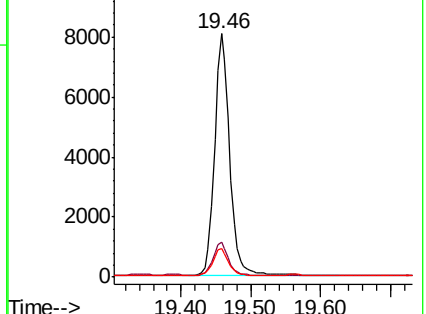
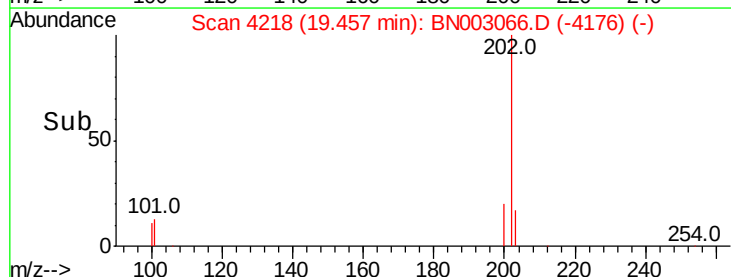
100 11.8 9.9 14.9

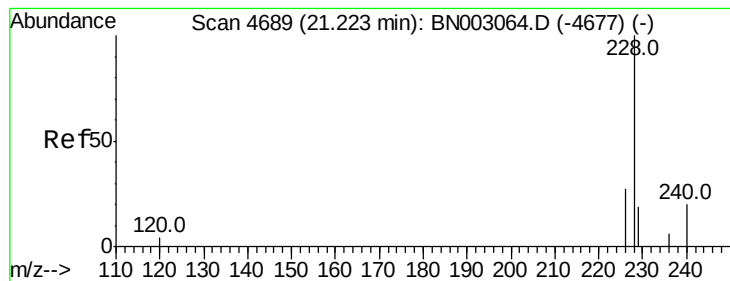


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.550 ng/ul

RT: 21.22 min Scan# 4688

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

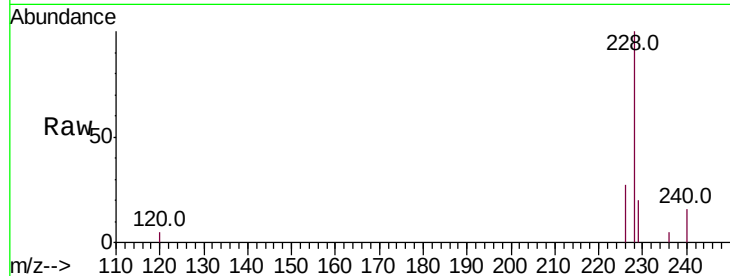
Tot Ion:228 Resp: 12439

Ion Ratio Lower Upper

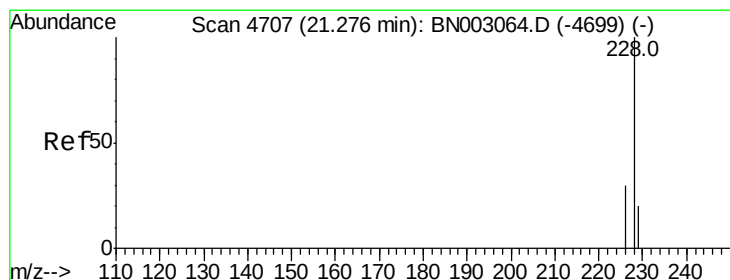
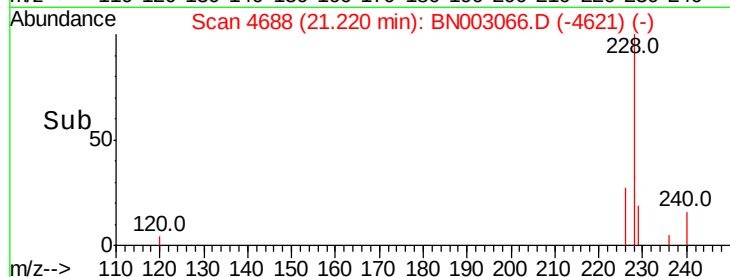
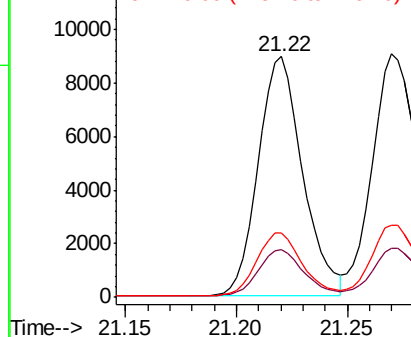
228 100

229 19.9 16.2 24.2

226 27.0 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: 0.574 ng/ul

RT: 21.27 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

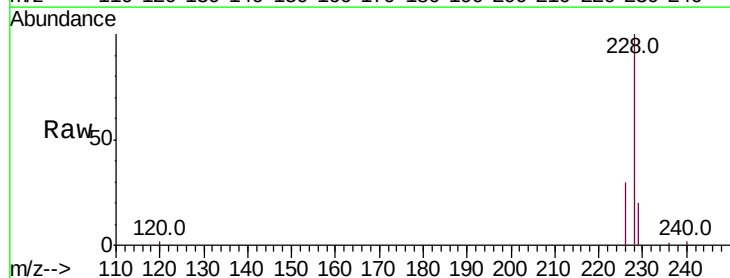
Tgt Ion:228 Resp: 13173

Ion Ratio Lower Upper

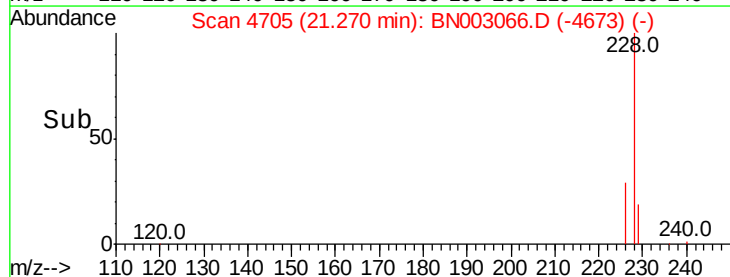
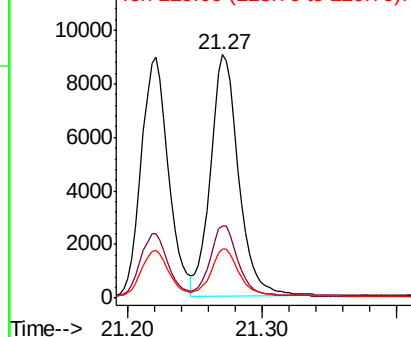
228 100

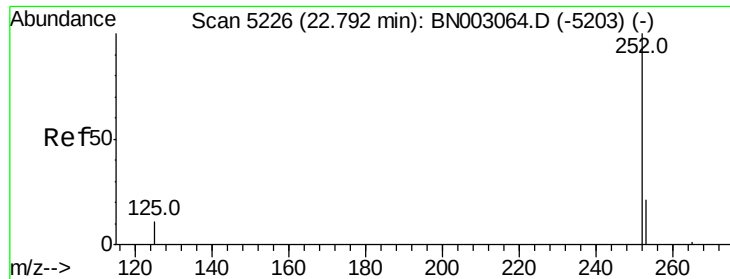
226 29.8 24.2 36.4

229 20.0 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: 0.761 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

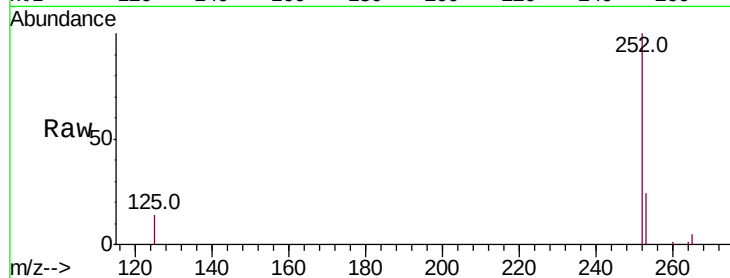
Tot Ion:252 Resp: 15720

Ion Ratio Lower Upper

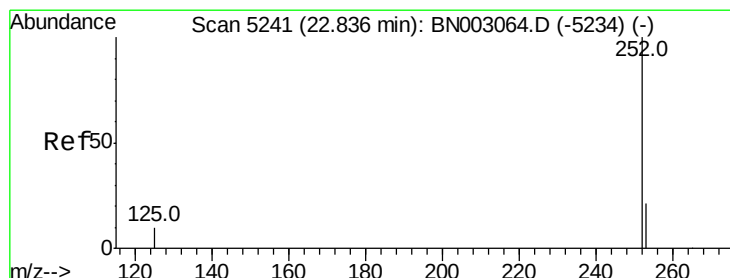
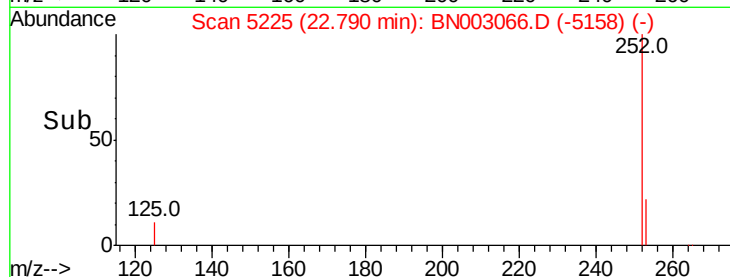
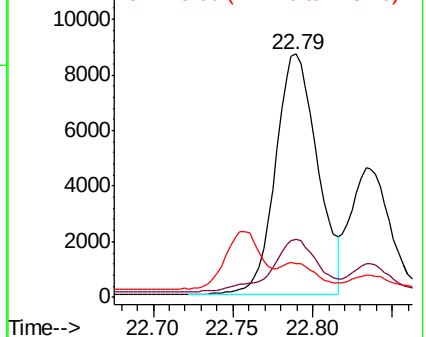
252 100

253 23.8 0.0 53.2

125 13.9 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: 0.381 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

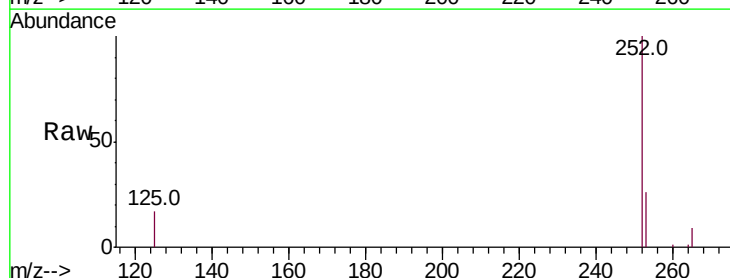
Tgt Ion:252 Resp: 8167

Ion Ratio Lower Upper

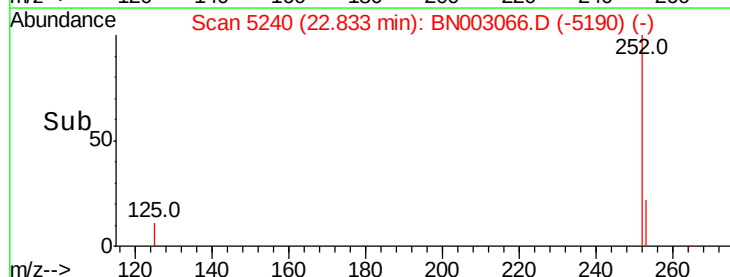
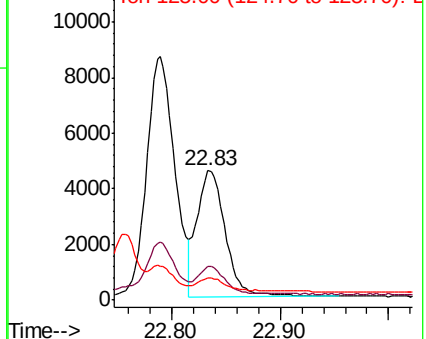
252 100

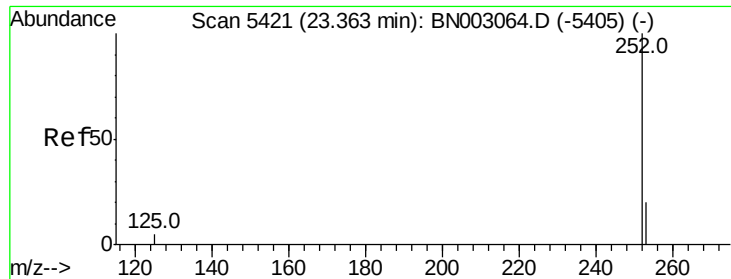
253 25.7 21.3 31.9

125 17.0 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: 0.232 ng/ul

RT: 23.36 min Scan# 5421

Delta R.T. 0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

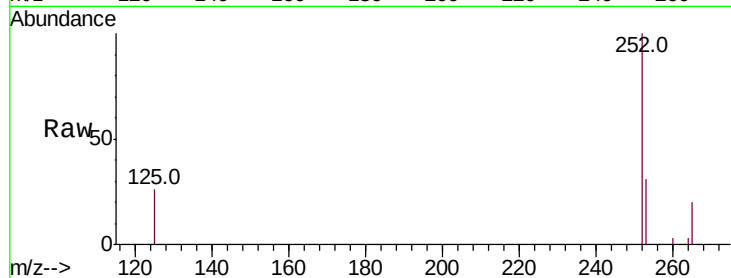
Tot Ion:252 Resp: 4289

Ion Ratio Lower Upper

252 100

253 31.4 23.1 34.7

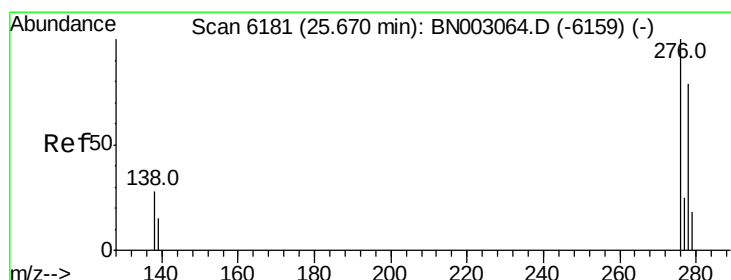
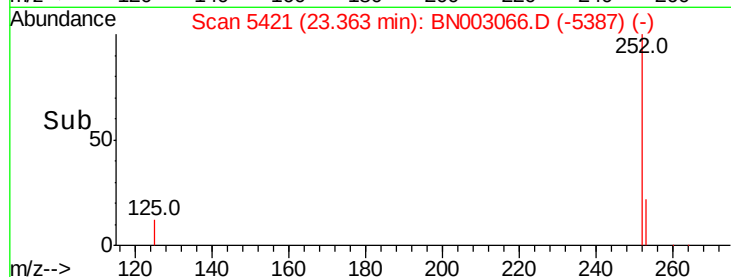
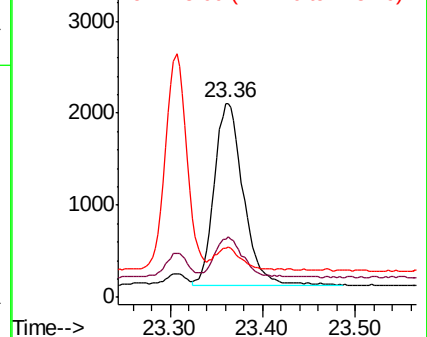
125 26.0 16.9 25.3#



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: 0.161 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. 0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

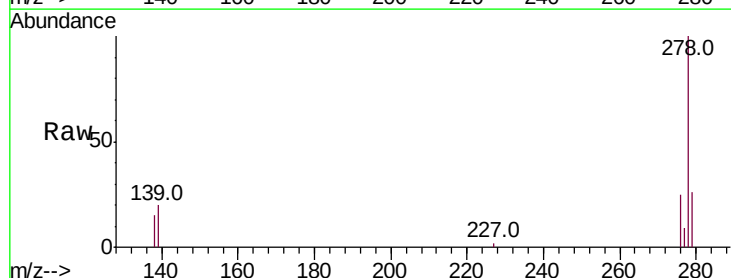
Tgt Ion:276 Resp: 3434

Ion Ratio Lower Upper

276 100

138 54.7 21.5 32.3#

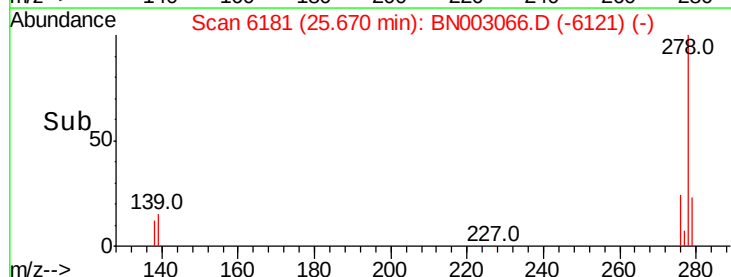
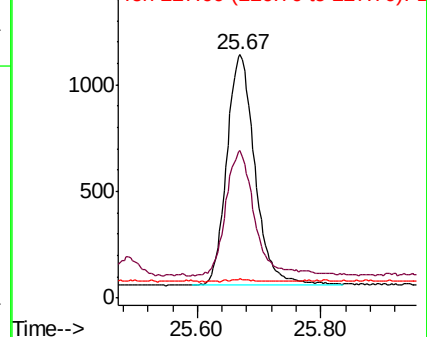
227 0.7 0.3 0.5#

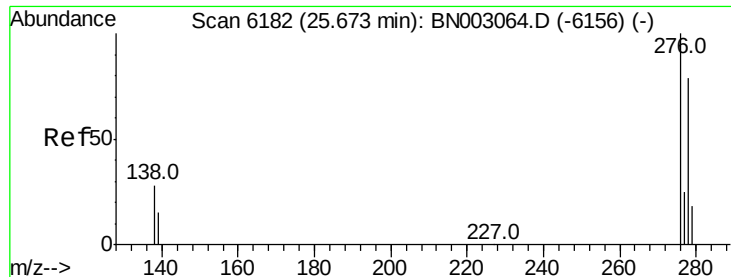


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.807 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. -0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

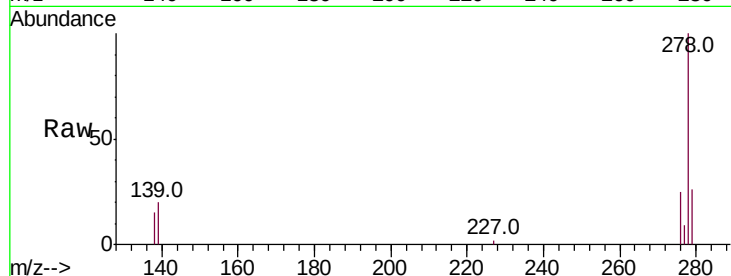
Tot Ion:278 Resp: 13754

Ion Ratio Lower Upper

278 100

139 20.1 20.2 30.4#

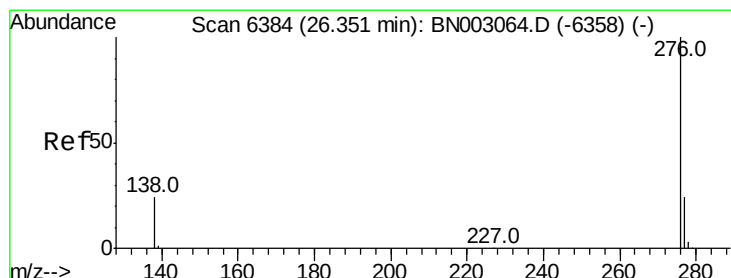
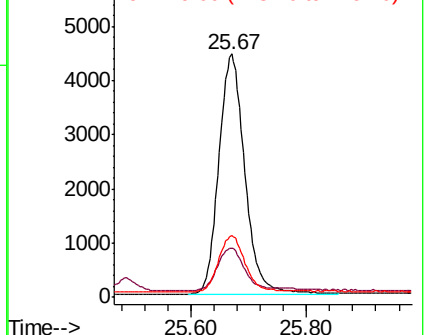
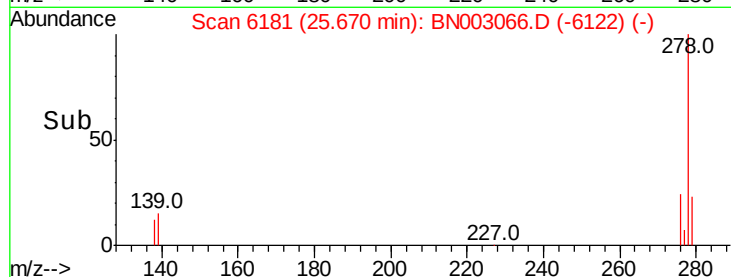
279 25.6 23.8 35.8



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(g,h,i)perylene

Concen: 0.323 ng/ul

RT: 26.35 min Scan# 6385

Delta R.T. 0.00 min

Lab File: BN003066.D

Acq: 10 Oct 2018 16:15

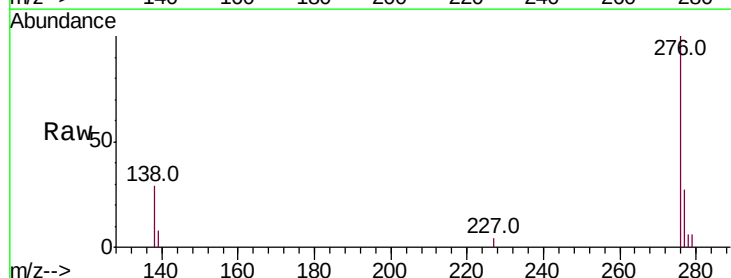
Tgt Ion:276 Resp: 5791

Ion Ratio Lower Upper

276 100

138 28.8 23.0 34.4

277 26.6 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

