

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003048.D
 Acq On : 10 Oct 2018 03:44
 Operator : MJ/SJ
 Sample : J5115-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:38:52 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

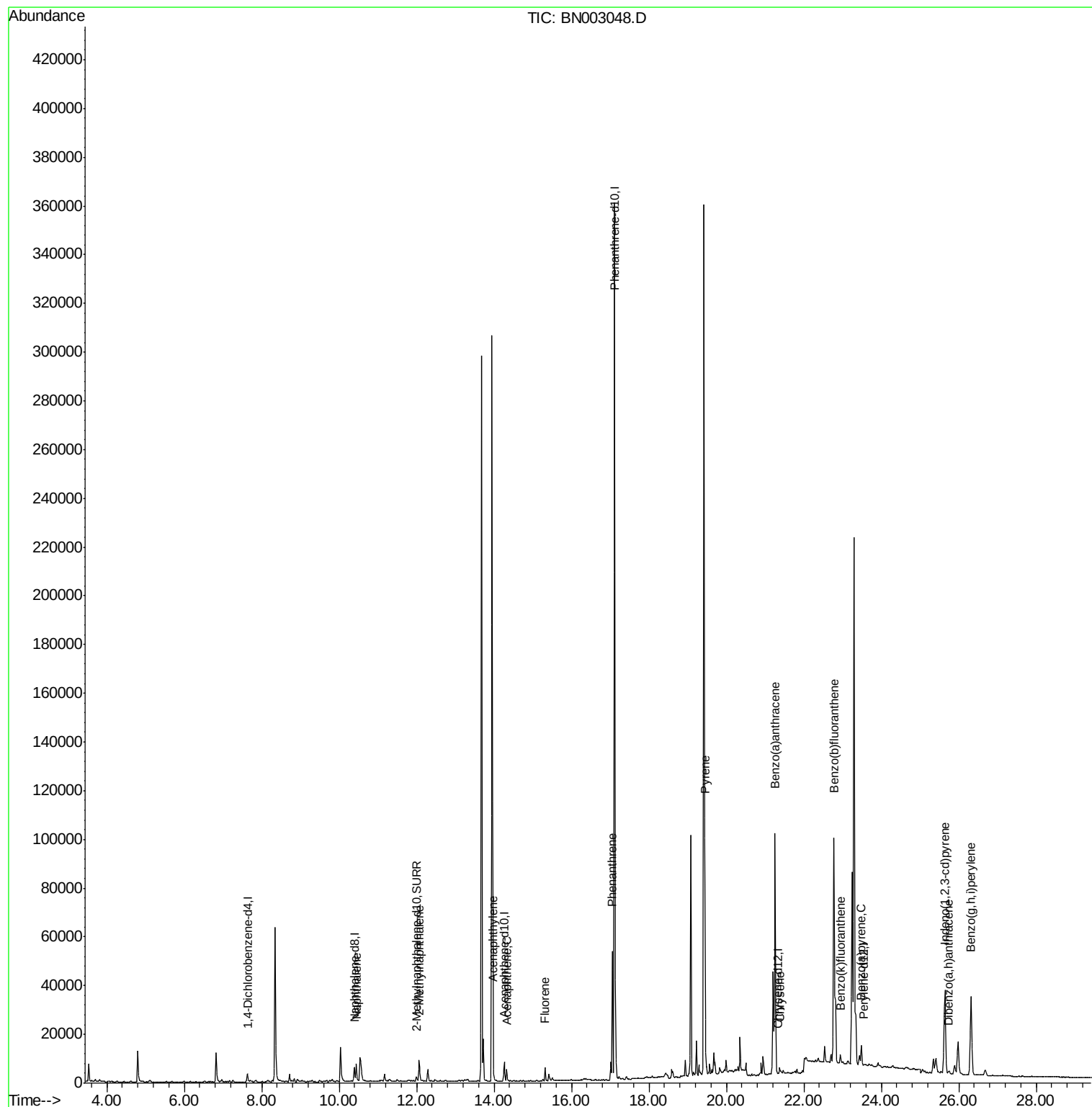
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1966	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7918	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4302	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	404481	0.40	ng/ul	0.08
16) Chrysene-d12	21.33	240	18	0.40	ng/ul	0.10
20) Perylene-d12	23.55	264	318	0.40	ng/ul	0.11
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3022	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	216	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	9220	0.454	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	7168	0.512	ng/ul	96
7) Acenaphthylene	13.98	152	1420	0.072	ng/ul#	84
8) Acenaphthene	14.32	153	2939	0.197	ng/ul	98
9) Fluorene	15.32	166	3521	0.206	ng/ul#	98
12) Phenanthrene	17.06	178	55585	0.049	ng/ul	99
17) Pyrene	19.45	202	78894	1128.489	ng/ul	97
18) Benzo(a)anthracene	21.26	228	100595	1736.667	ng/ul	96
19) Chrysene	21.38	228	1798	30.569	ng/ul#	19
21) Benzo(b)fluoranthene	22.77	252	167460	146.223	ng/ul	94
22) Benzo(k)fluoranthene	22.95	252	4689	3.950	ng/ul#	1
23) Benzo(a)pyrene	23.48	252	10257	9.993	ng/ul#	27
24) Indeno(1,2,3-cd)pyrene	25.64	276	52106	44.178	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.75	278	1985	2.103	ng/ul#	1
26) Benzo(g,h,i)perylene	26.32	276	63511	63.860	ng/ul	96

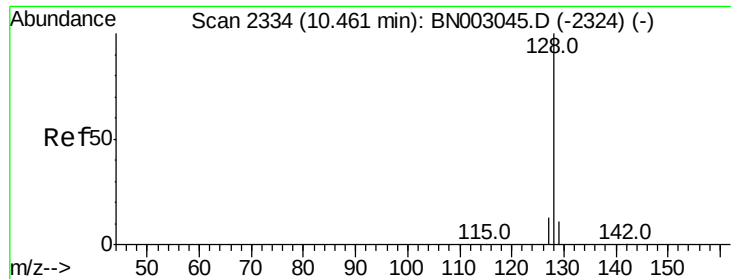
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.454 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

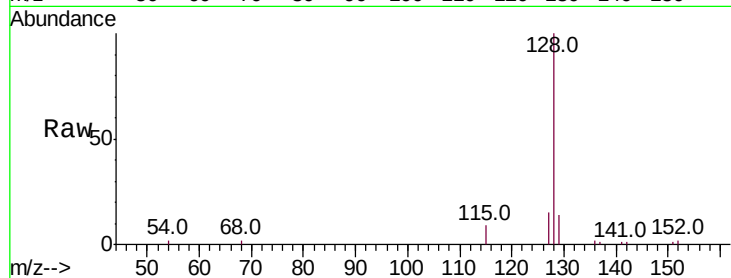
Tot Ion:128 Resp: 9220

Ion Ratio Lower Upper

128 100

129 14.2 10.4 15.6

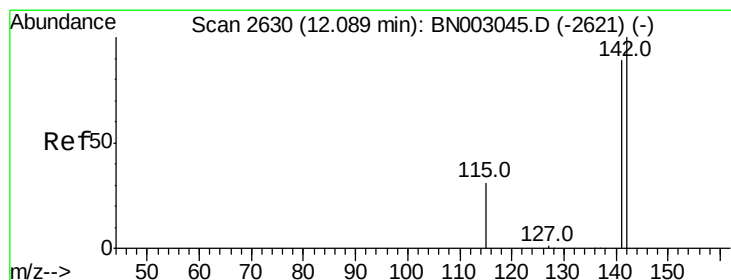
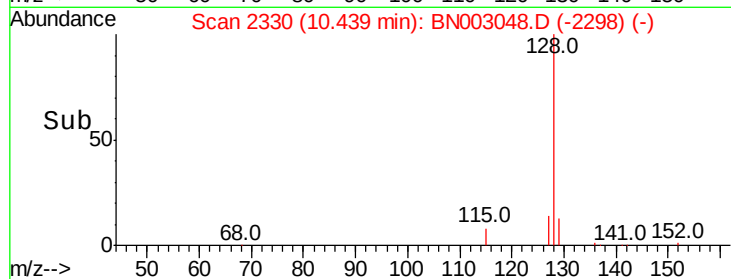
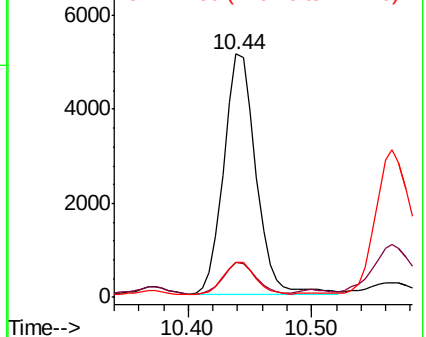
127 14.6 11.7 17.5



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: 0.512 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003048.D

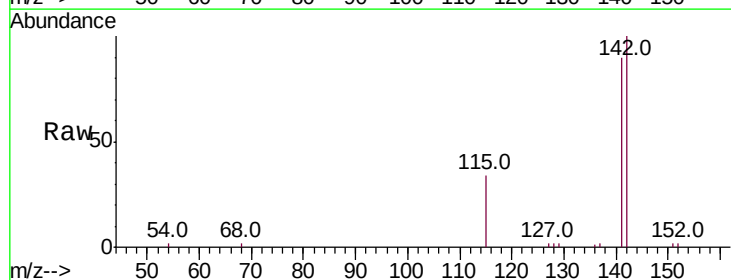
Acq: 10 Oct 2018 03:44

Tgt Ion:142 Resp: 7168

Ion Ratio Lower Upper

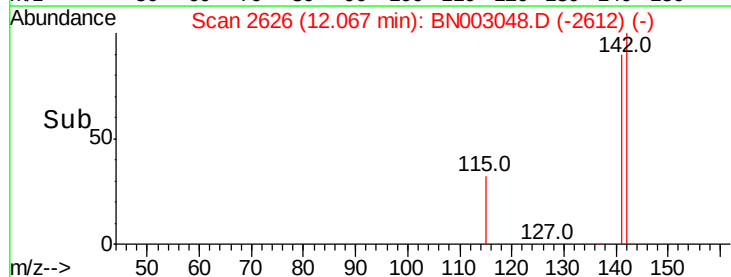
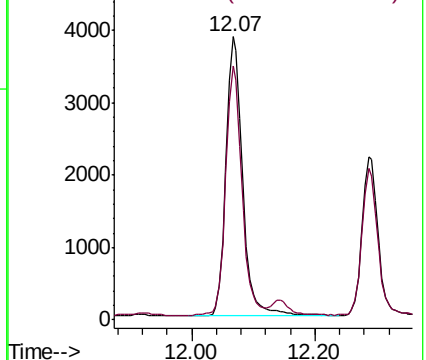
142 100

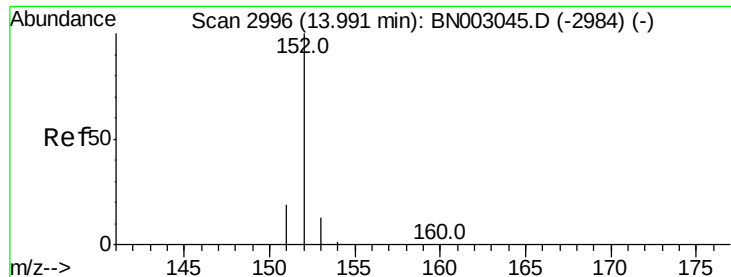
141 87.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

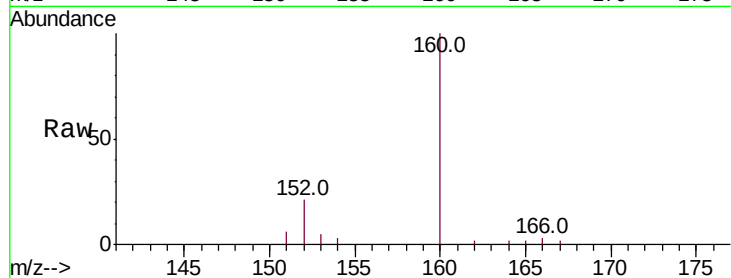
Tot Ion:152 Resp: 1420

Ion Ratio Lower Upper

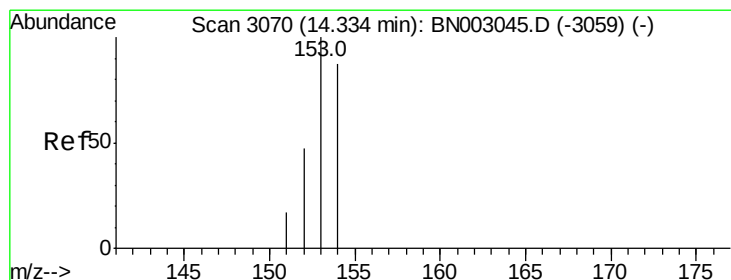
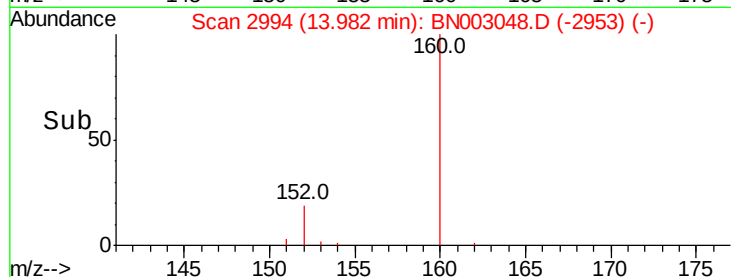
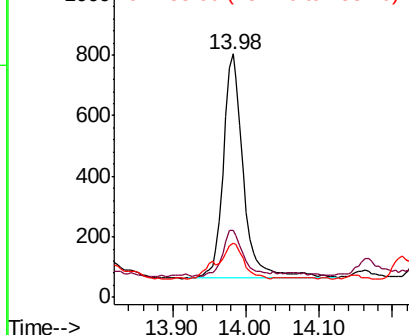
152 100

151 27.4 16.5 24.7#

153 22.1 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: 0.197 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

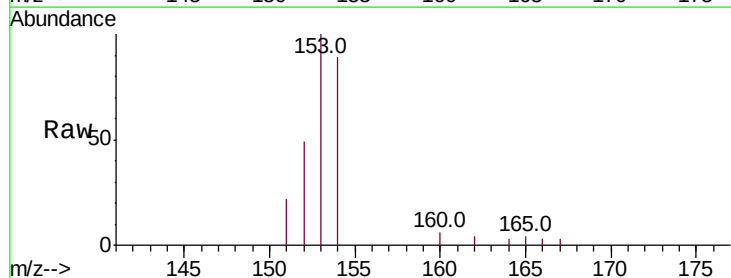
Tgt Ion:153 Resp: 2939

Ion Ratio Lower Upper

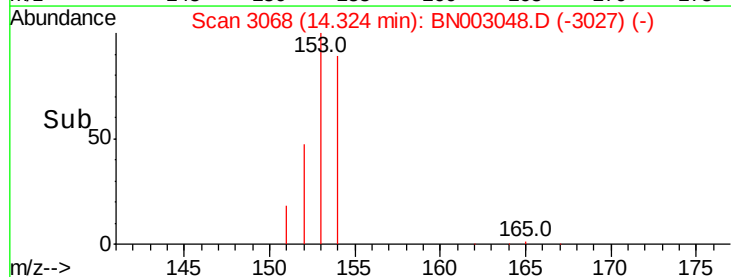
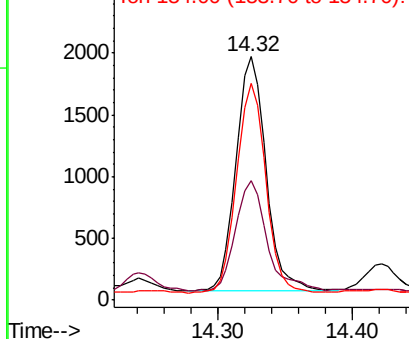
153 100

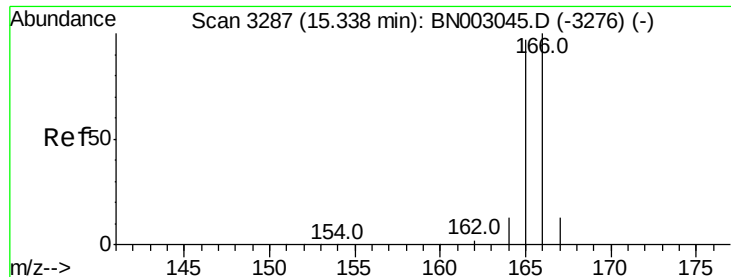
152 49.0 38.2 57.4

154 89.2 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

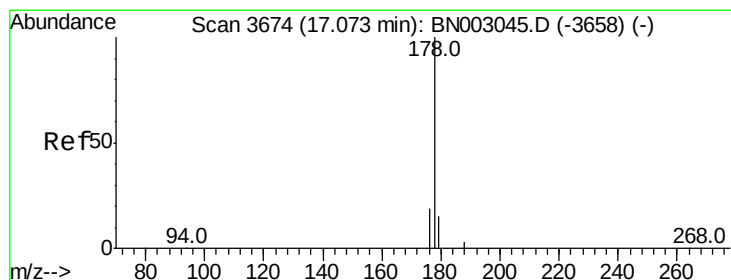
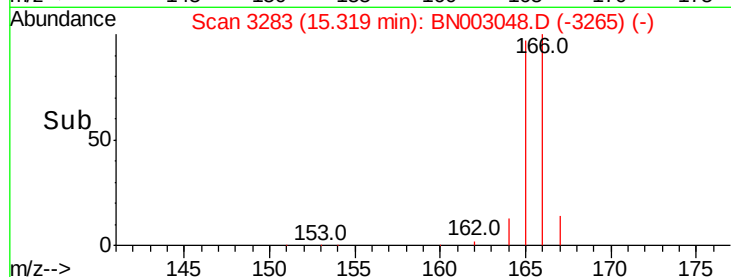
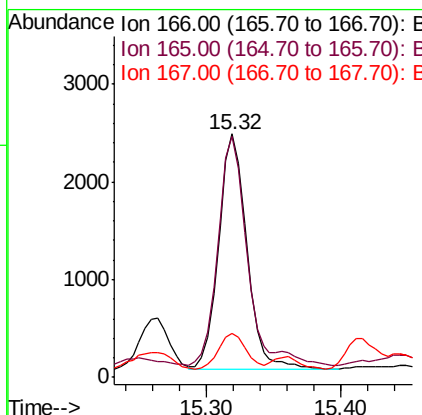
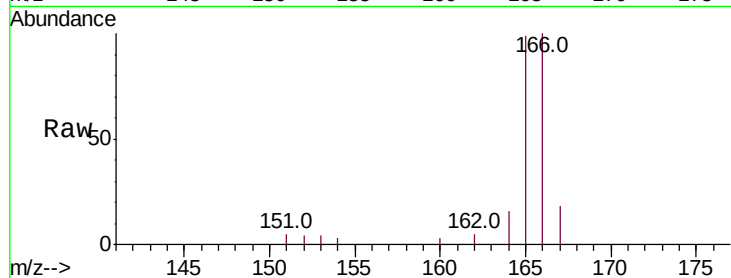




#9
Fluorene
 Concen: 0.206 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

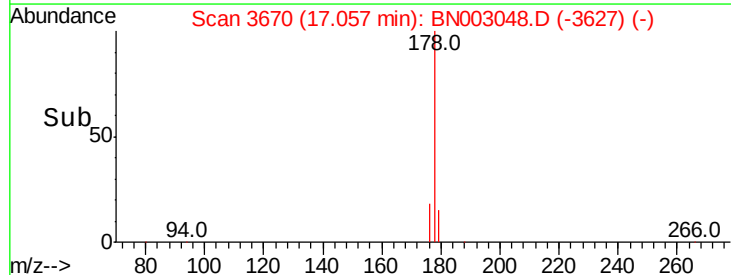
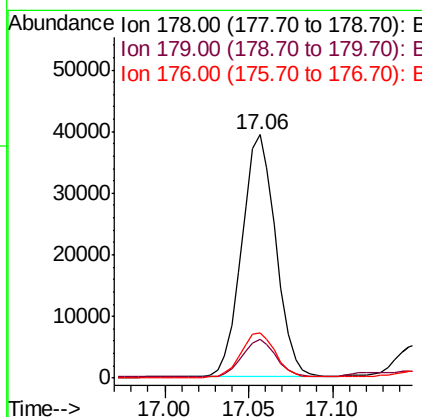
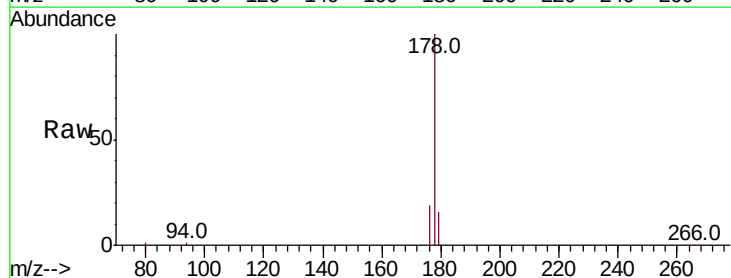
Instrument :
 BNA_N
 ClientSampleId :

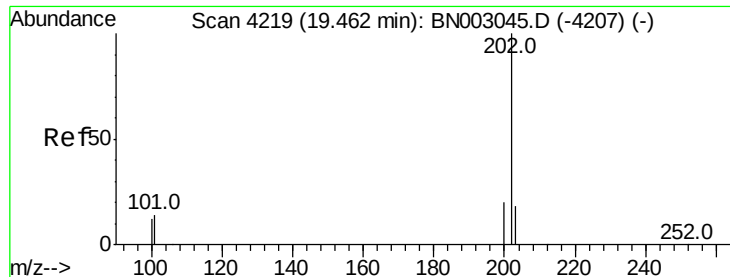
Tot Ion:166 Resp: 3521
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.5 117.7
 167 18.1 11.6 17.4#



#12
Phenanthrene
 Concen: 0.049 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003048.D
 Acq: 10 Oct 2018 03:44

Tgt Ion:178 Resp: 55585
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.9 19.3
 176 18.8 15.4 23.2

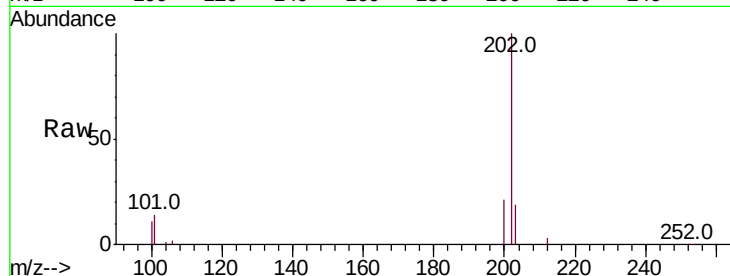




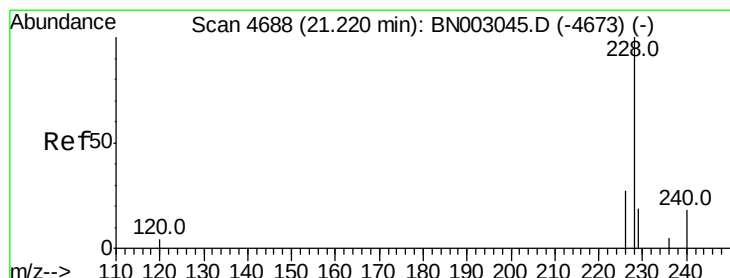
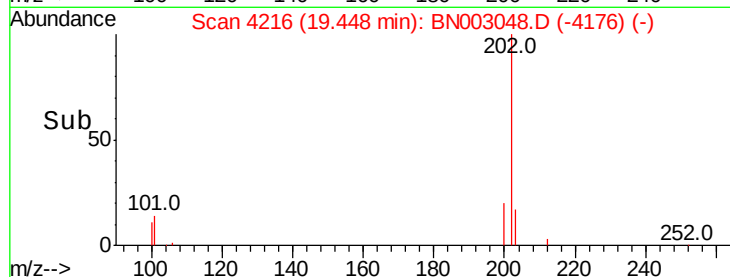
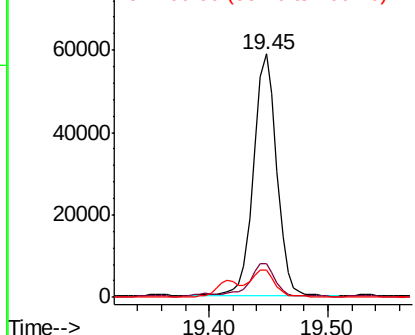
#17
Pvrene
Concen: 1128.489 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 78894
Ion Ratio Lower Upper
202 100
101 13.9 11.9 17.9
100 11.0 9.9 14.9

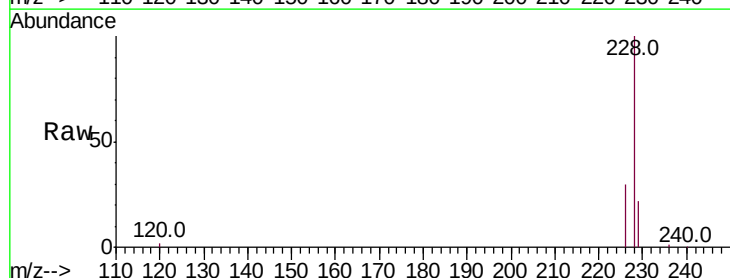


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

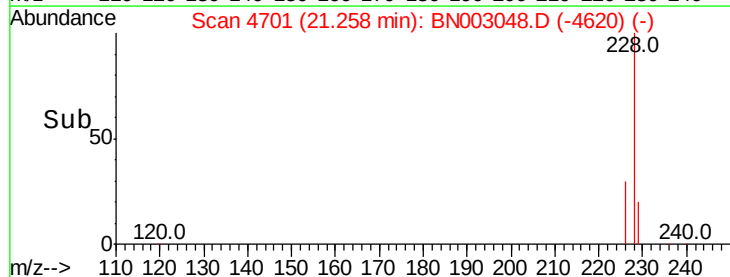
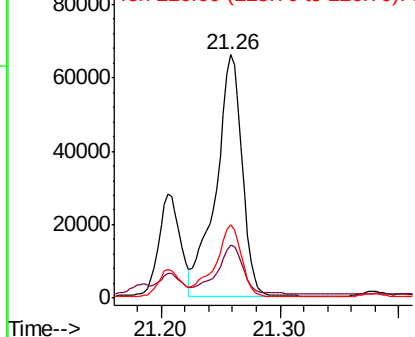


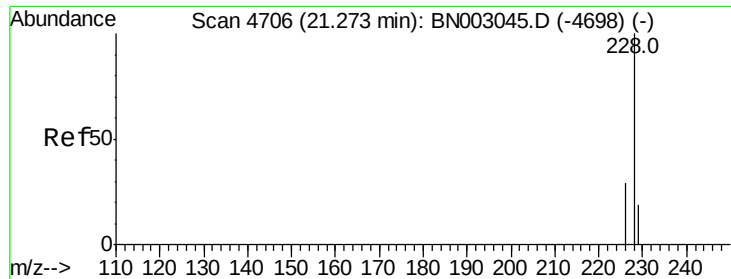
#18
Benzo(a)anthracene
Concen: 1736.667 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.04 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Tgt Ion:228 Resp: 100595
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 30.0 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: 30.569 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.11 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

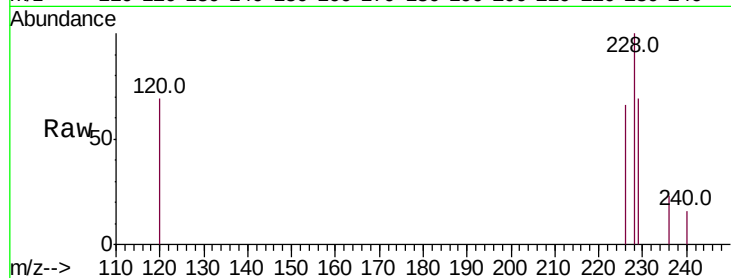
Tot Ion:228 Resp: 1798

Ion Ratio Lower Upper

228 100

226 66.1 24.2 36.4#

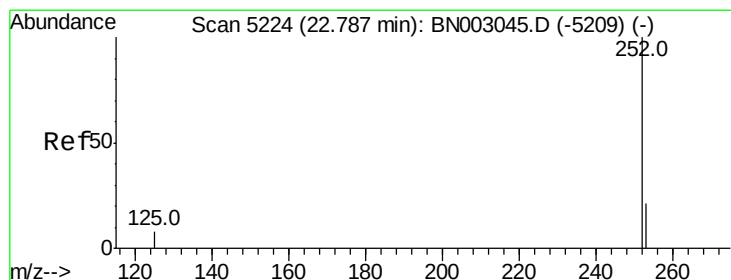
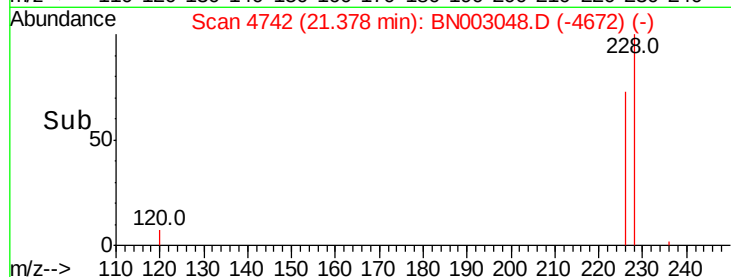
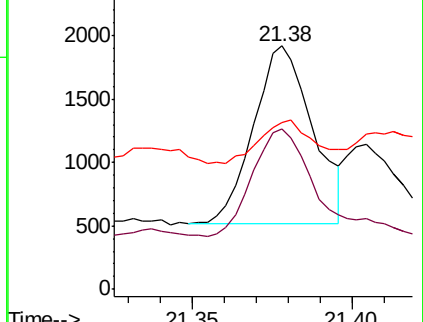
229 68.6 16.7 25.1#



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: 146.223 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

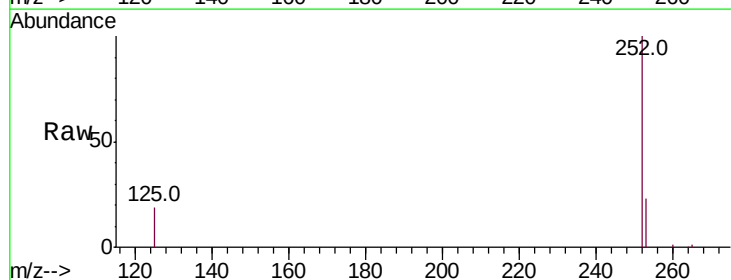
Tgt Ion:252 Resp: 167460

Ion Ratio Lower Upper

252 100

253 22.8 0.0 53.2

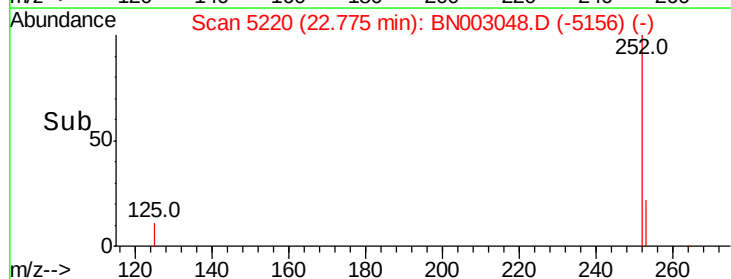
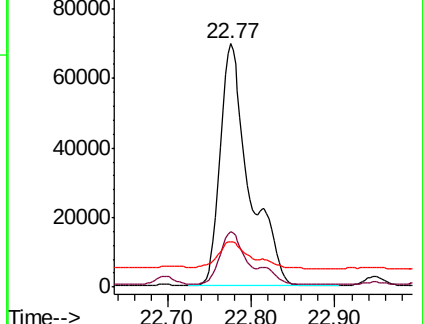
125 18.8 0.0 34.2

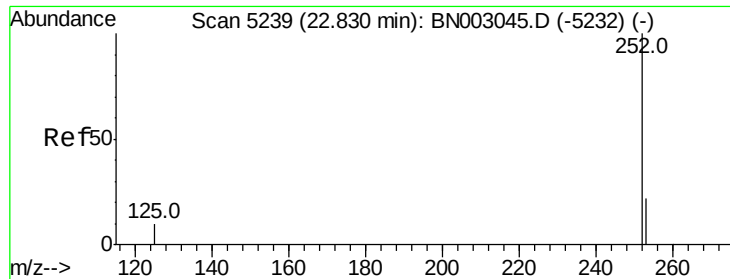


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.950 ng/ul

RT: 22.95 min Scan# 5279

Delta R.T. 0.12 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

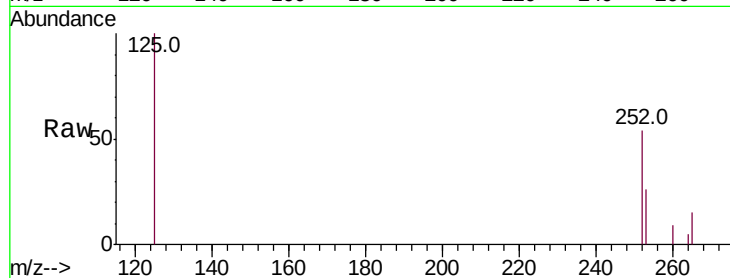
Tot Ion:252 Resp: 4689

Ion Ratio Lower Upper

252 100

253 48.5 21.3 31.9#

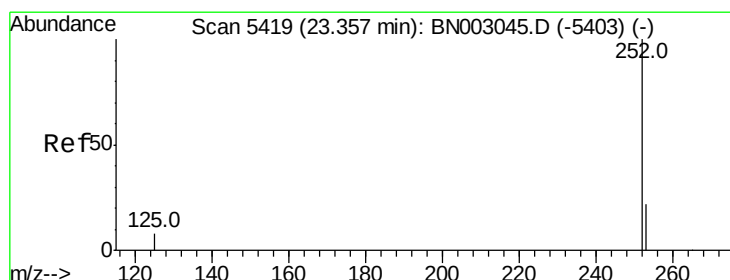
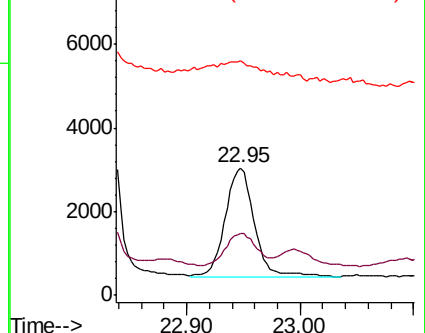
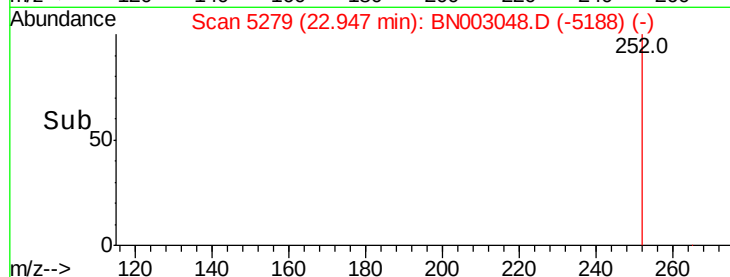
125 183.9 14.1 21.1#



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: 9.993 ng/ul

RT: 23.48 min Scan# 5462

Delta R.T. 0.13 min

Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

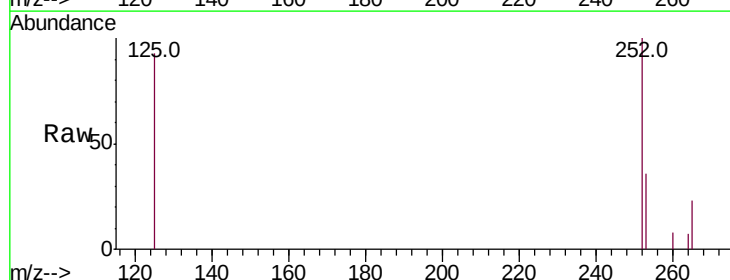
Tgt Ion:252 Resp: 10257

Ion Ratio Lower Upper

252 100

253 36.3 23.1 34.7#

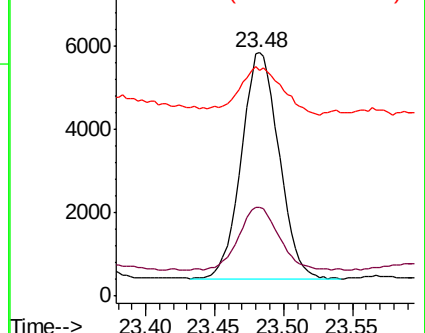
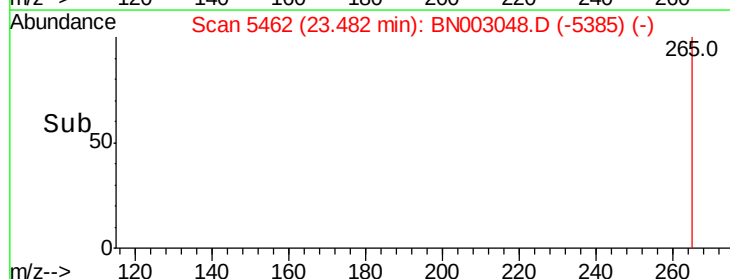
125 92.9 16.9 25.3#

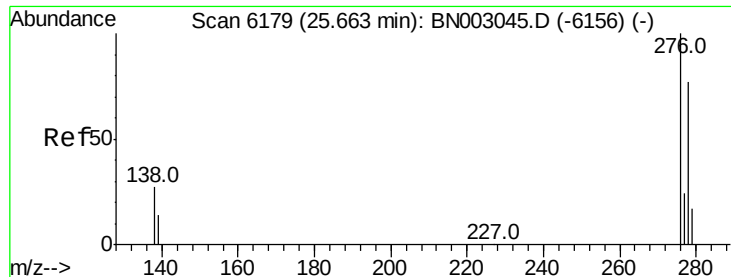


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



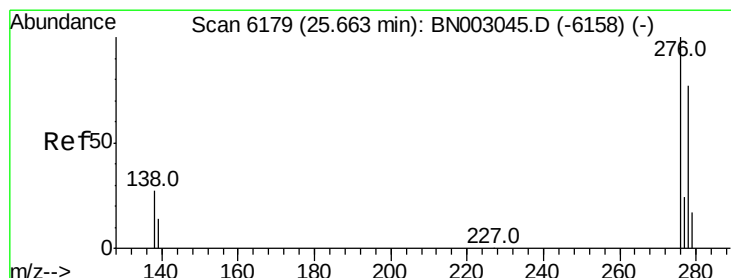
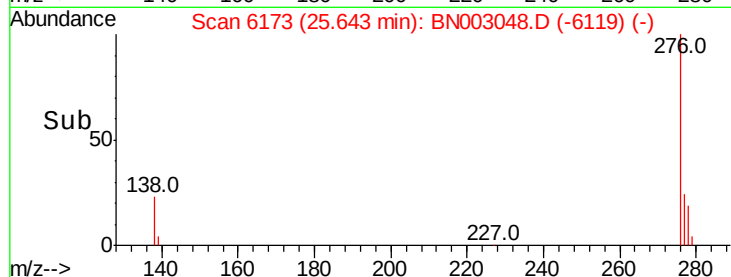
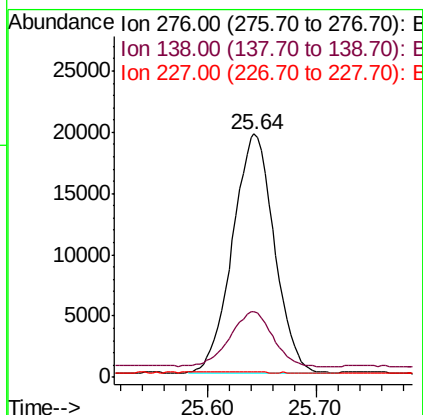
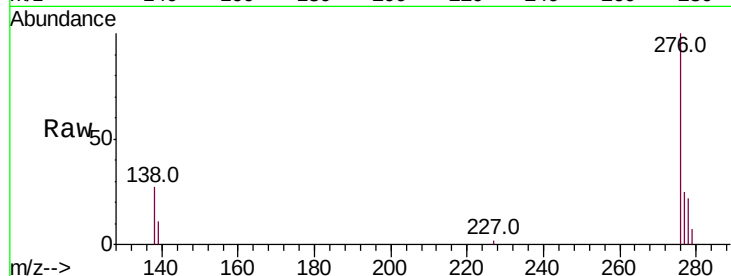


#24

Indeno(1,2,3-cd)pyrene
Concen: 44.178 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Instrument :
BNA_N
ClientSampleId :

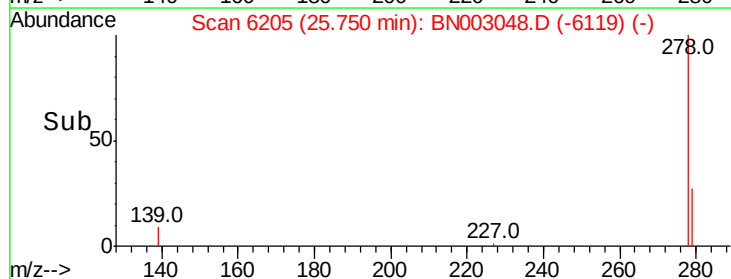
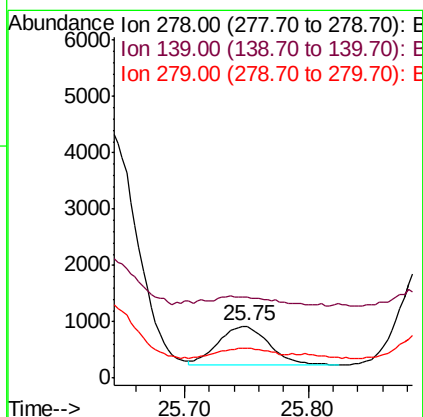
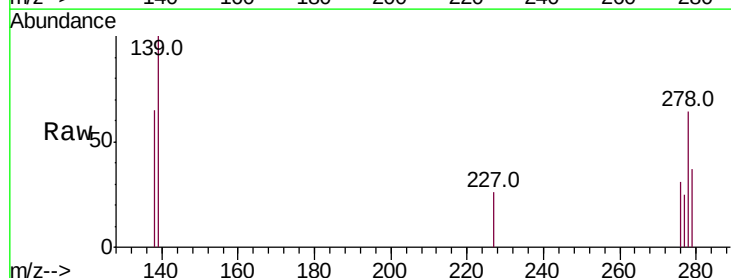
Tot Ion:276 Resp: 52106
Ion Ratio Lower Upper
276 100
138 23.6 21.5 32.3
227 0.1 0.3 0.5#

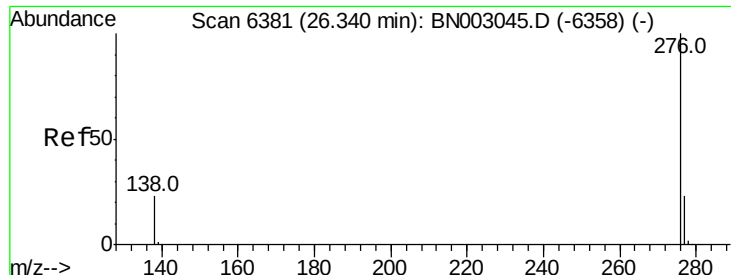


#25

Dibenzo(a,h)anthracene
Concen: 2.103 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. 0.09 min
Lab File: BN003048.D
Acq: 10 Oct 2018 03:44

Tgt Ion:278 Resp: 1985
Ion Ratio Lower Upper
278 100
139 156.9 20.2 30.4#
279 57.6 23.8 35.8#





#26

Benzo(a,h,i)perylene

Concen: 63.860 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

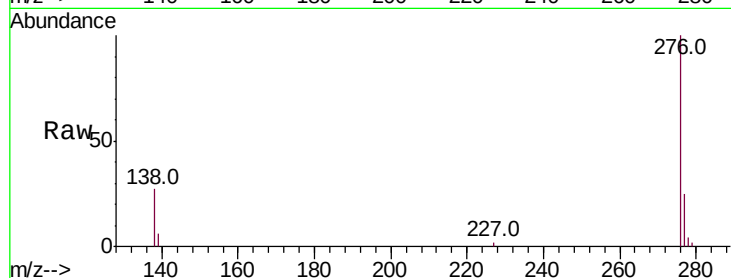
Lab File: BN003048.D

Acq: 10 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 63511

Ion Ratio Lower Upper

276 100

138 26.9 23.0 34.4

277 24.7 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

