

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003013.D
 Acq On : 09 Oct 2018 06:40
 Operator : MJ/SJ
 Sample : J5116-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 08:57:13 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

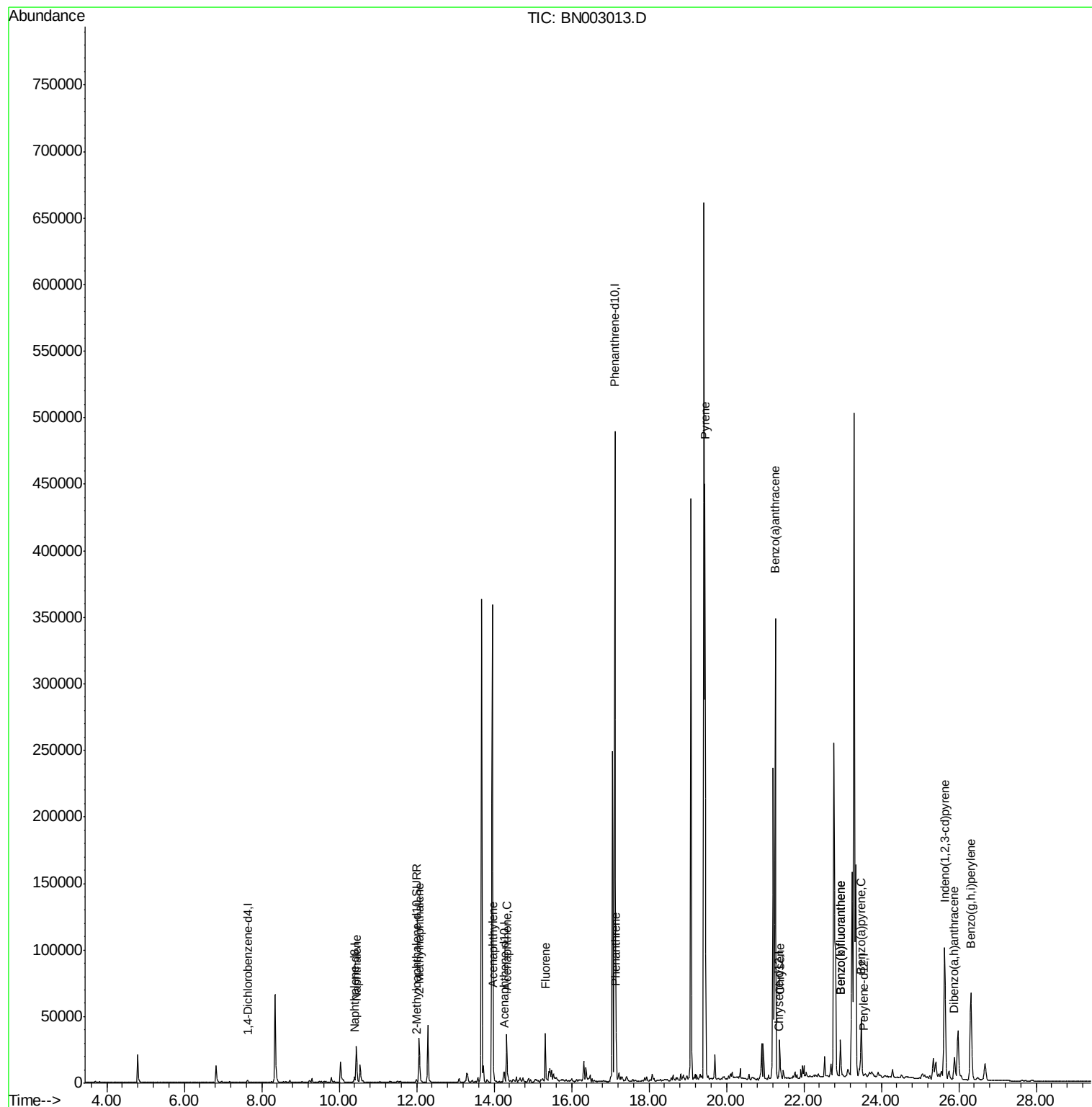
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1155	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5121	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	555403	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	58	0.40	ng/ul	0.10
20) Perylene-d12	23.55	264	839	0.40	ng/ul	0.09
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3370	0.42	ng/ul	-0.03
14) Fluoranthene-d10	19.16	212	434	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	37665	2.866	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	26005	2.875	ng/ul	97
7) Acenaphthylene	13.98	152	8407	0.537	ng/ul#	92
8) Acenaphthene	14.32	153	21118	1.779	ng/ul	99
9) Fluorene	15.32	166	23085	1.698	ng/ul	99
12) Phenanthrene	17.15	178	39624	0.026	ng/ul	98
17) Pyrene	19.45	202	363696	1614.494	ng/ul	96
18) Benzo(a)anthracene	21.26	228	321654	1723.350	ng/ul	97
19) Chrysene	21.37	228	22238	117.336	ng/ul#	62
21) Benzo(b)fluoranthene	22.94	252	33442	11.068	ng/ul	88
22) Benzo(k)fluoranthene	22.94	252	33442	10.676	ng/ul#	88
23) Benzo(a)pyrene	23.48	252	55027	20.321	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.63	276	149059	47.901	ng/ul	93
25) Dibenzo(a,h)anthracene	25.89	278	23450	9.414	ng/ul	97
26) Benzo(g,h,i)perylene	26.31	276	128187	48.852	ng/ul	93

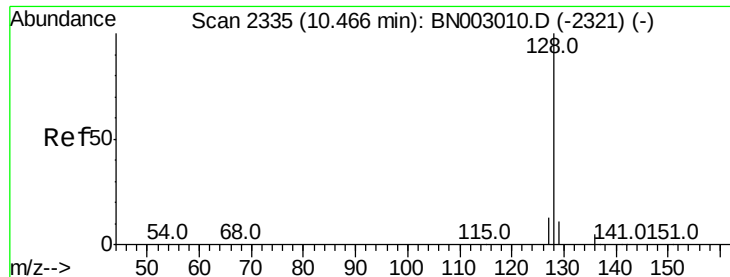
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.866 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampled :

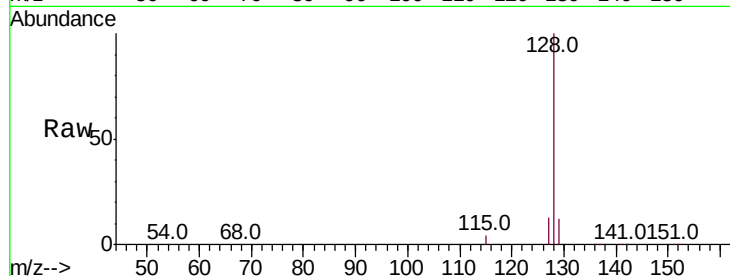
Tot Ion:128 Resp: 37665

Ion Ratio Lower Upper

128 100

129 11.9 10.4 15.6

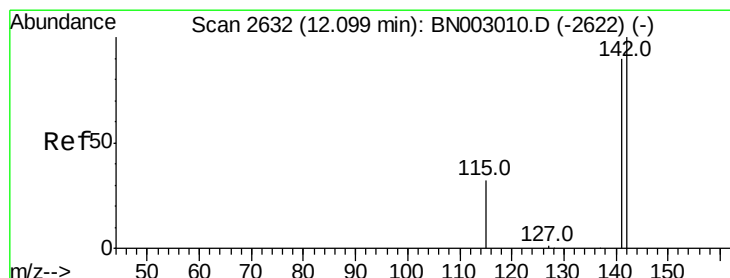
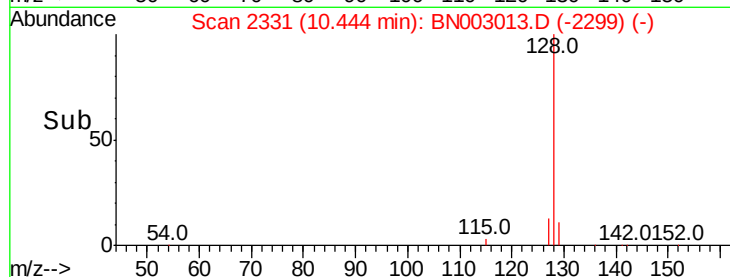
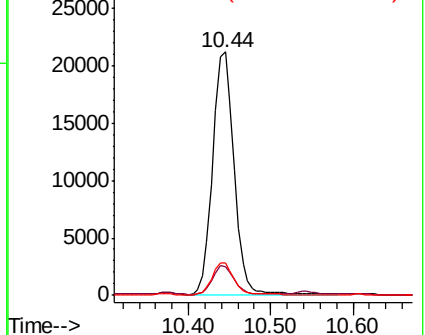
127 13.2 11.7 17.5



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: 2.875 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.03 min

Lab File: BN003013.D

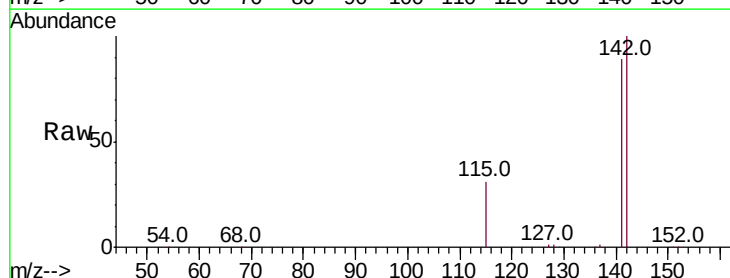
Acq: 09 Oct 2018 06:40

Tgt Ion:142 Resp: 26005

Ion Ratio Lower Upper

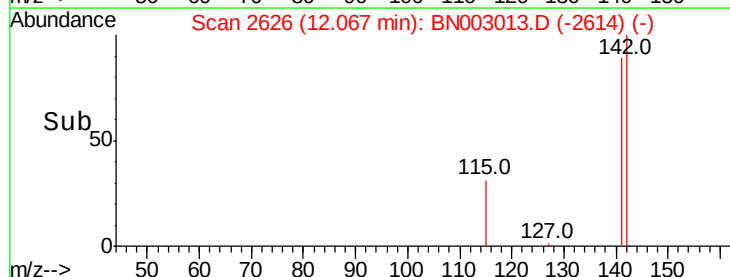
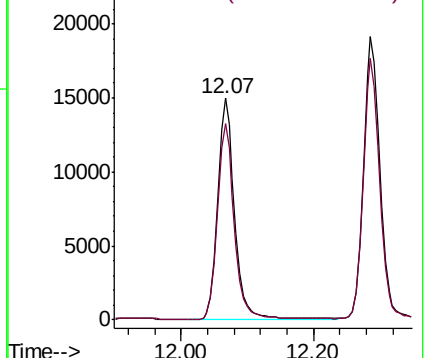
142 100

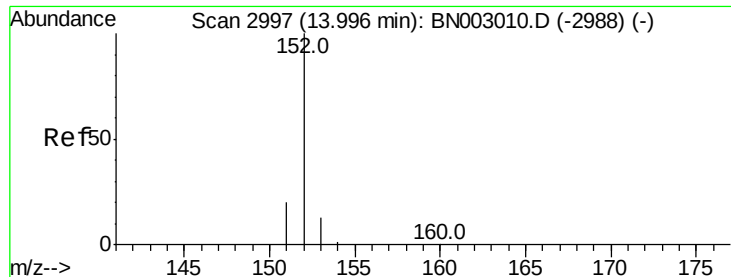
141 88.9 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.537 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

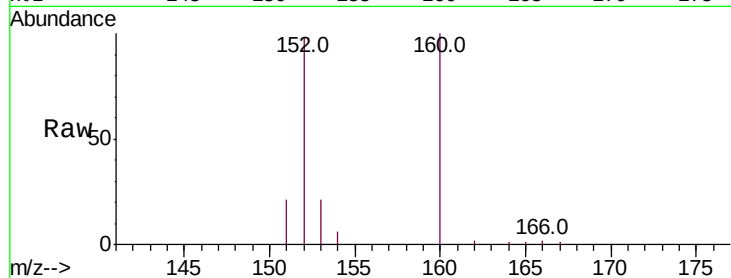
Tot Ion:152 Resp: 8407

Ion Ratio Lower Upper

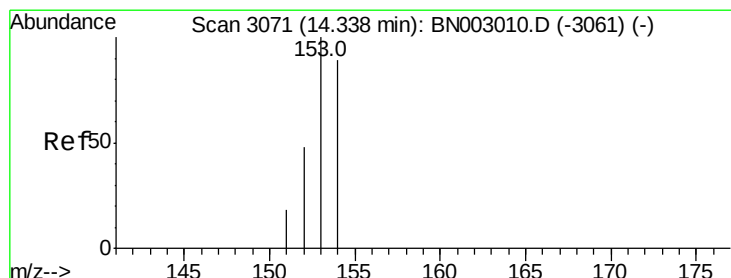
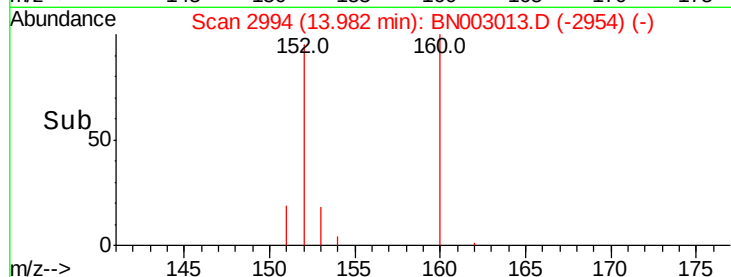
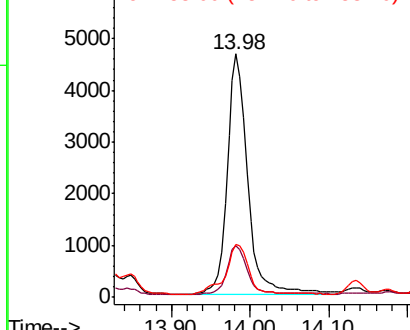
152 100

151 21.0 16.5 24.7

153 21.9 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: 1.779 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

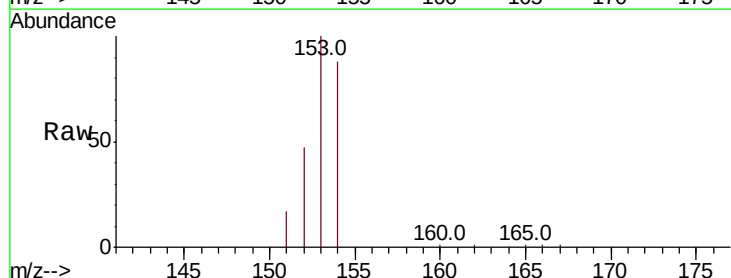
Tgt Ion:153 Resp: 21118

Ion Ratio Lower Upper

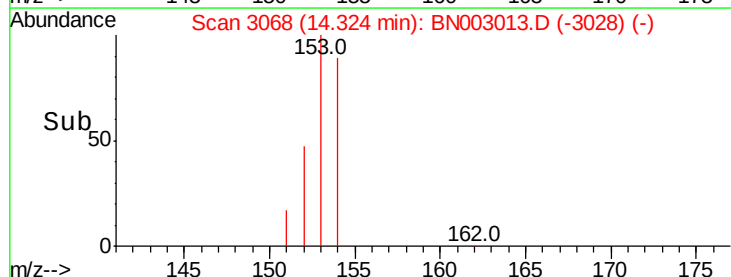
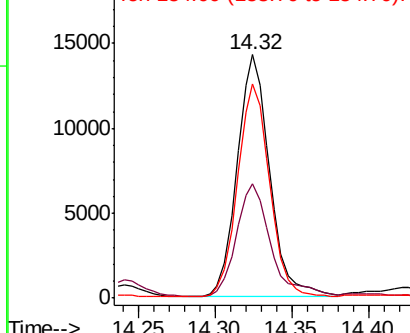
153 100

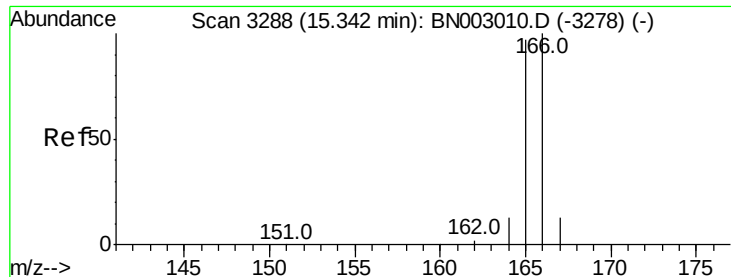
152 47.0 38.2 57.4

154 88.1 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: 1.698 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

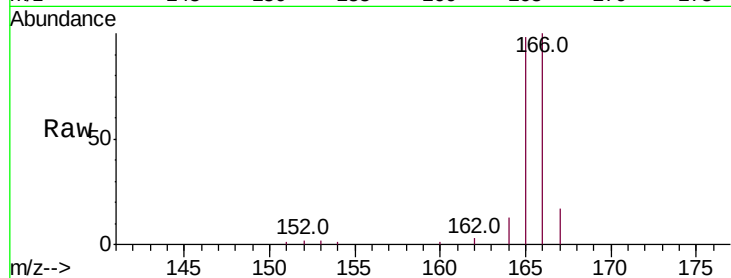
Tot Ion:166 Resp: 23085

Ion Ratio Lower Upper

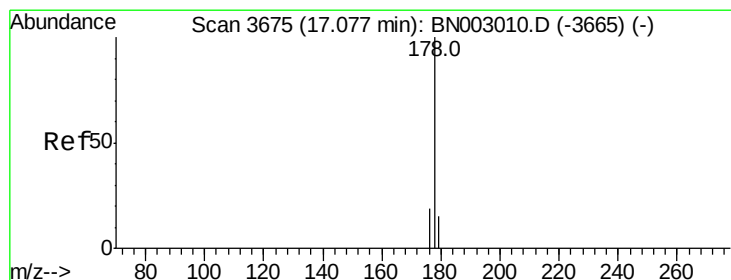
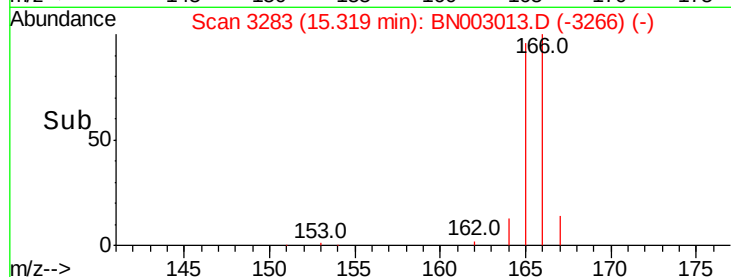
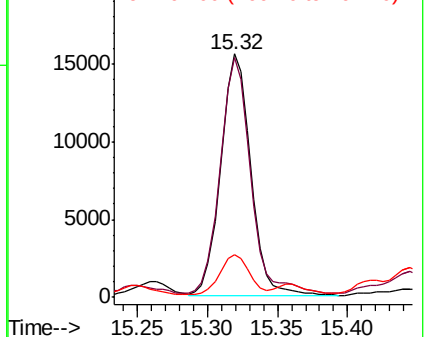
166 100

165 98.3 78.5 117.7

167 17.3 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



#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. 0.07 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

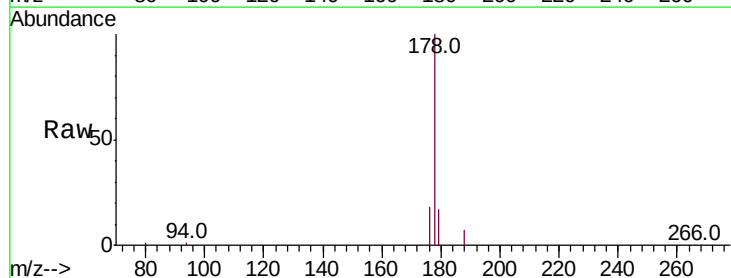
Tgt Ion:178 Resp: 39624

Ion Ratio Lower Upper

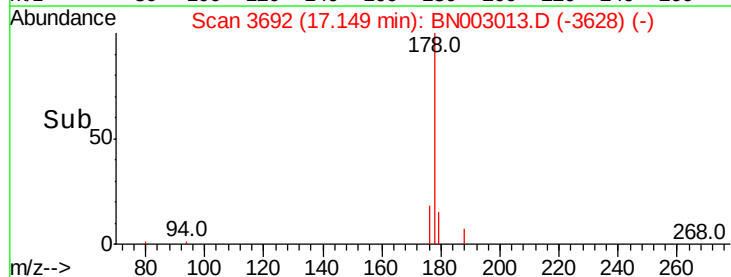
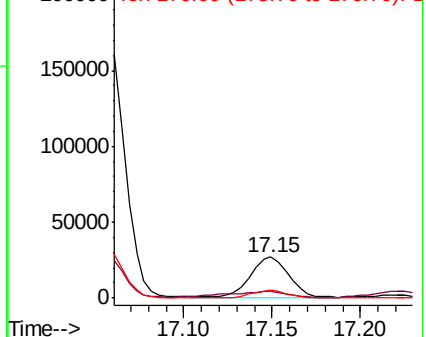
178 100

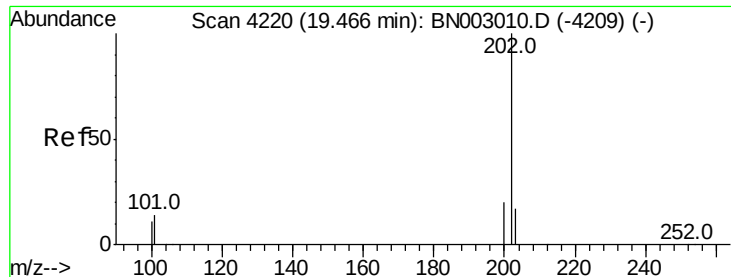
179 16.7 12.9 19.3

176 18.1 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

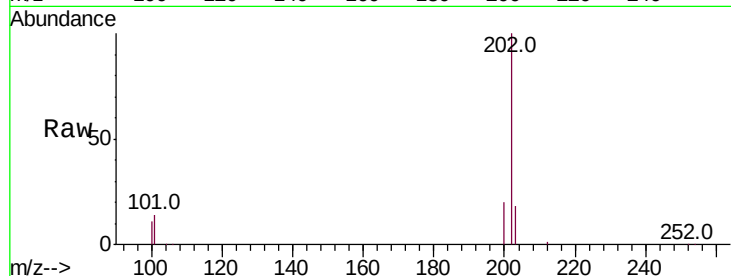




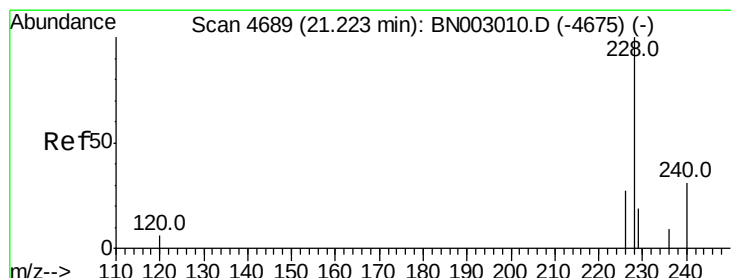
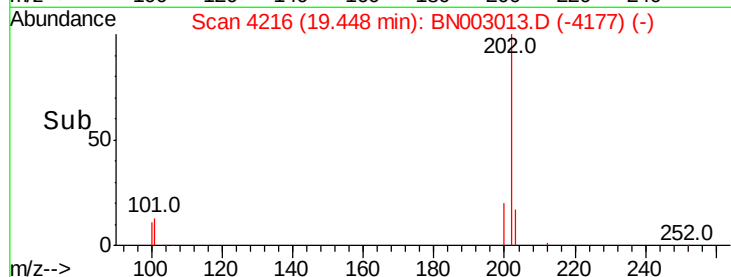
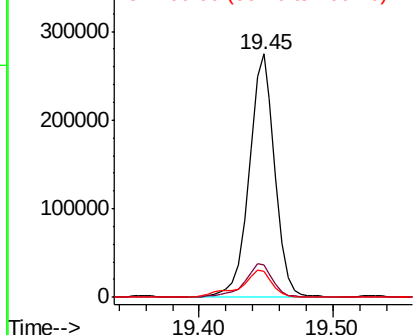
#17
Pvrene
Concen: 1614.494 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 363696
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 10.7 9.9 14.9

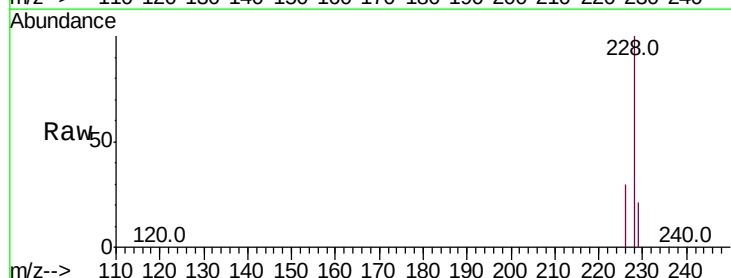


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

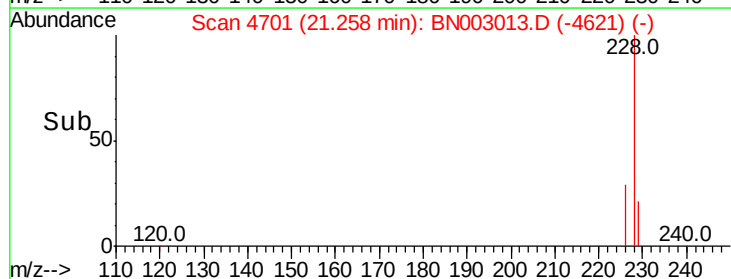
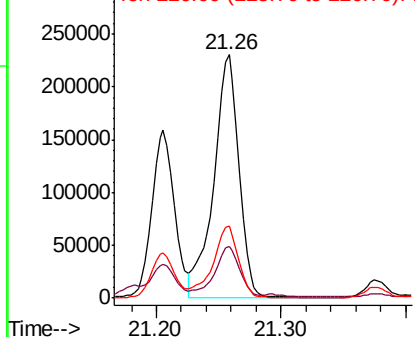


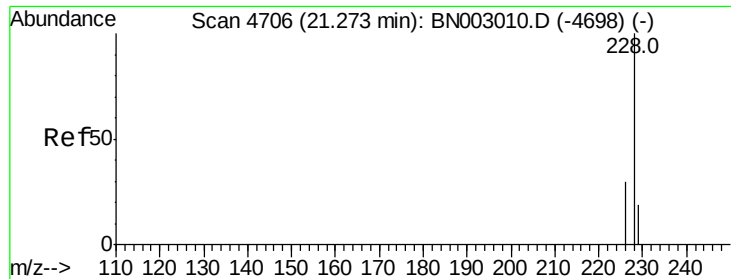
#18
Benzo(a)anthracene
Concen: 1723.350 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.04 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Tgt Ion:228 Resp: 321654
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 29.6 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: 117.336 ng/ul

RT: 21.37 min Scan# 4741

Delta R.T. 0.10 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

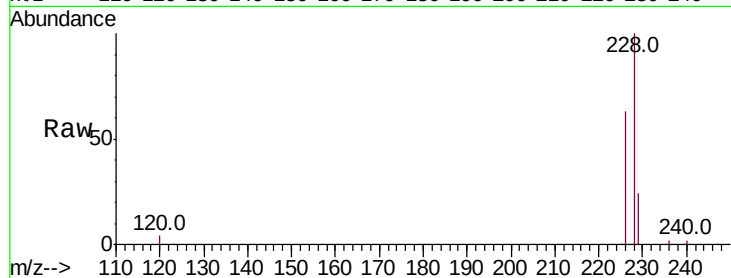
Tot Ion:228 Resp: 22238

Ion Ratio Lower Upper

228 100

226 63.0 24.2 36.4#

229 23.6 16.7 25.1

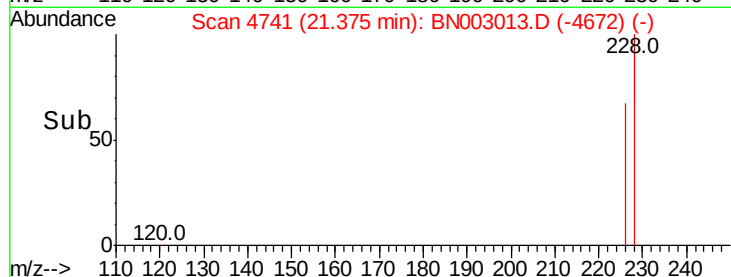


Abundance Ion 228.00 (227.70 to 228.70): E

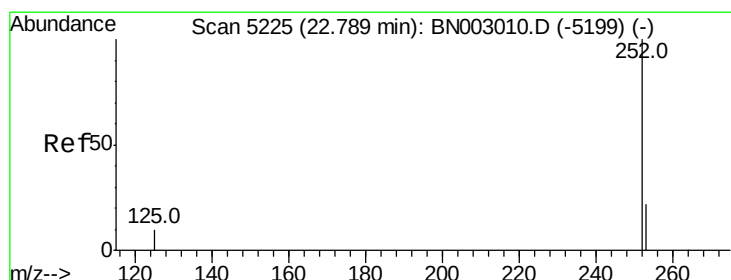
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.37



Time--> 21.30 21.35 21.40 21.45



#21

Benzo(b)fluoranthene

Concen: 11.068 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.16 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

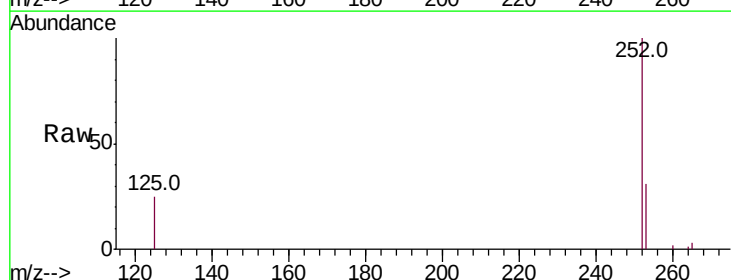
Tgt Ion:252 Resp: 33442

Ion Ratio Lower Upper

252 100

253 30.8 0.0 53.2

125 24.9 0.0 34.2

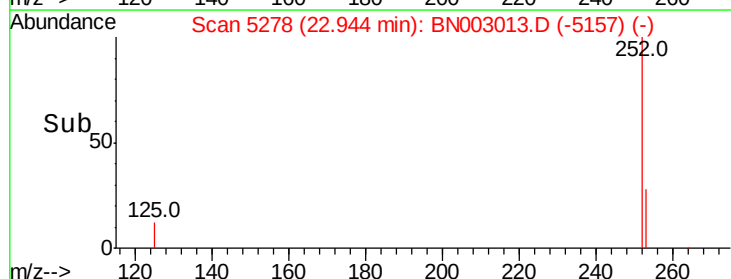


Abundance Ion 252.00 (251.70 to 252.70): E

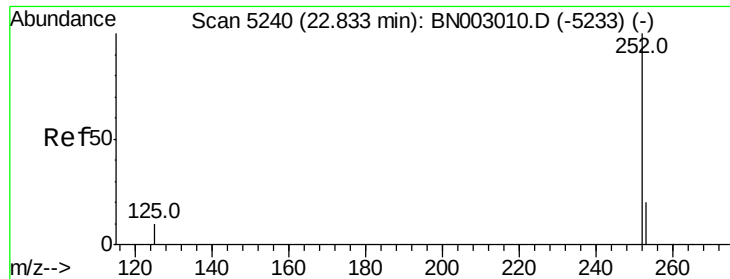
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.94



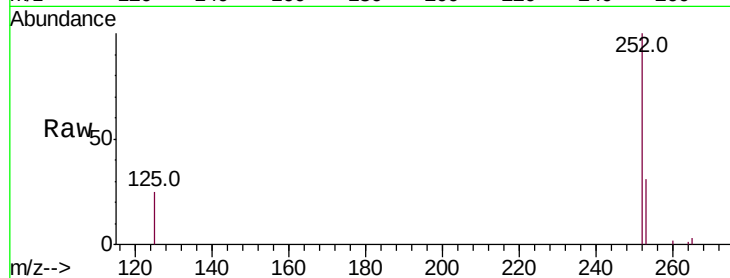
Time--> 22.90 23.00



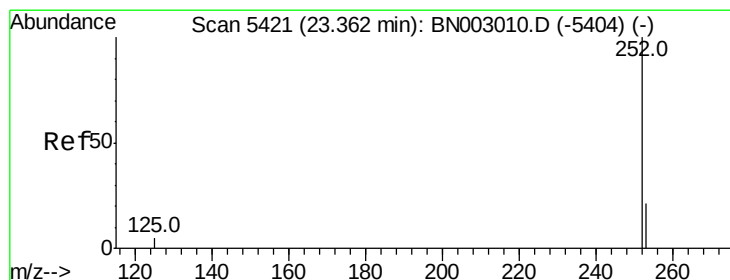
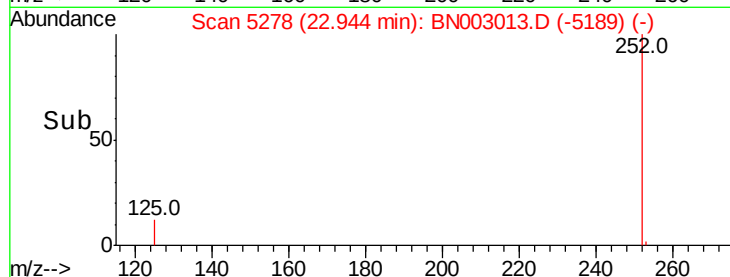
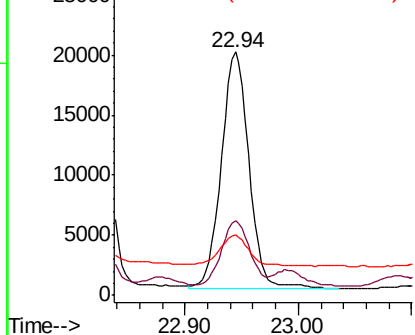
#22
Benzo(k)fluoranthene
Concen: 10.676 ng/ul
RT: 22.94 min Scan# 5278
Delta R.T. 0.11 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 33442
Ion Ratio Lower Upper
252 100
253 30.8 21.3 31.9
125 24.9 14.1 21.1#

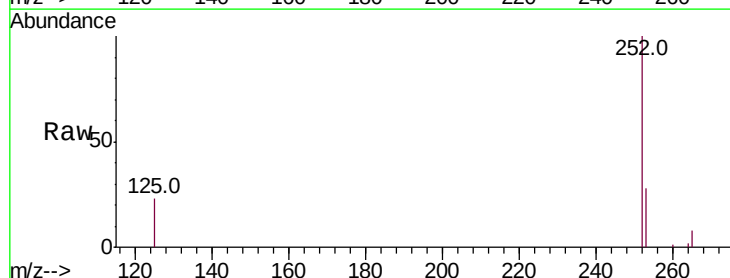


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

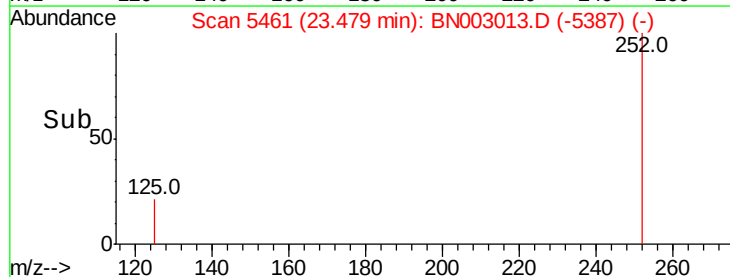
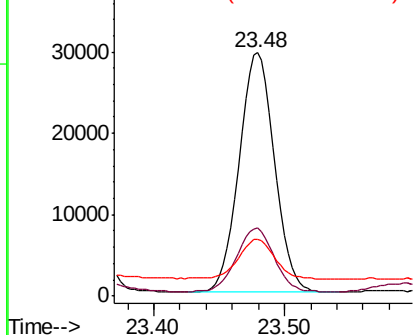


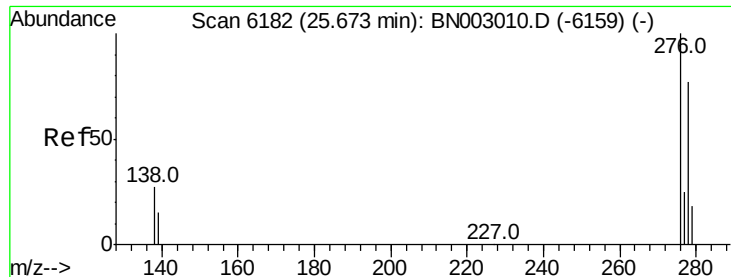
#23
Benzo(a)pyrene
Concen: 20.321 ng/ul
RT: 23.48 min Scan# 5461
Delta R.T. 0.12 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Tgt Ion:252 Resp: 55027
Ion Ratio Lower Upper
252 100
253 27.8 23.1 34.7
125 23.1 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

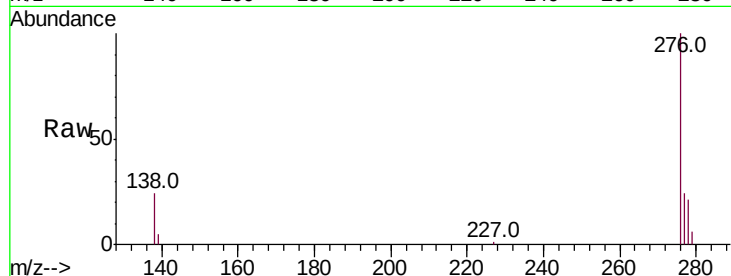




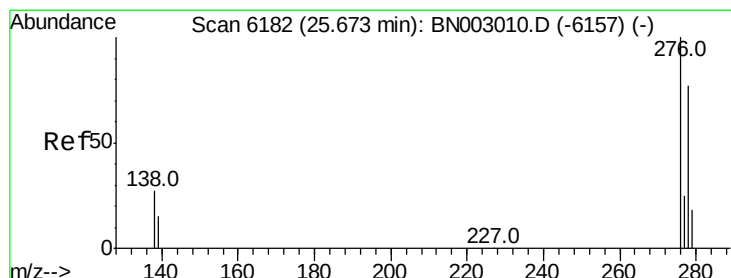
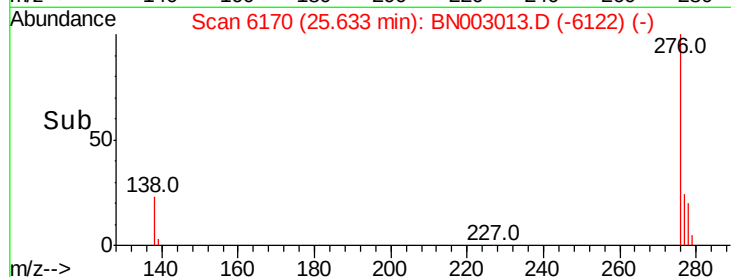
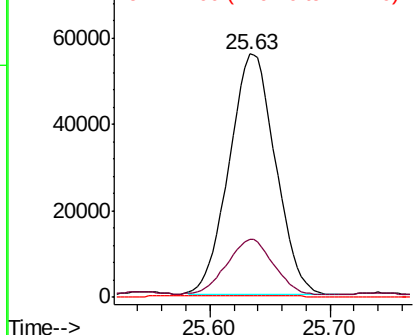
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 47.901 ng/ul
 RT: 25.63 min Scan# 6170
 Delta R.T. -0.04 min
 Lab File: BN003013.D
 Acq: 09 Oct 2018 06:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 149059
 Ion Ratio Lower Upper
 276 100
 138 23.3 21.5 32.3
 227 0.3 0.3 0.5

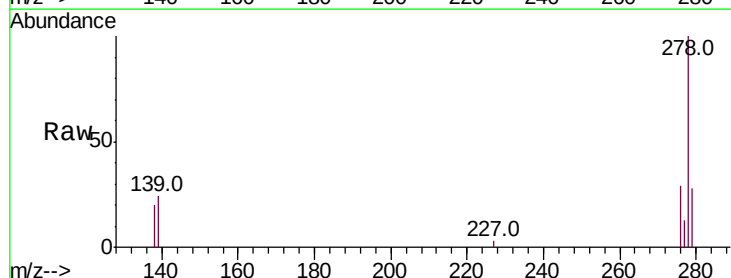


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

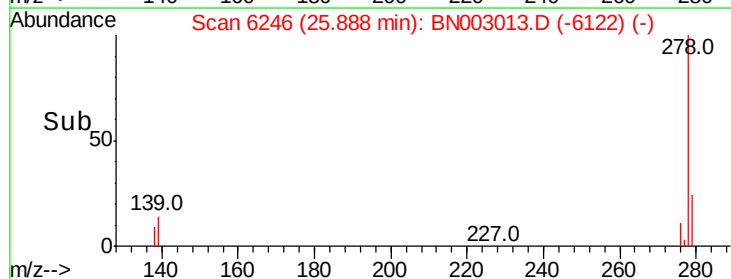
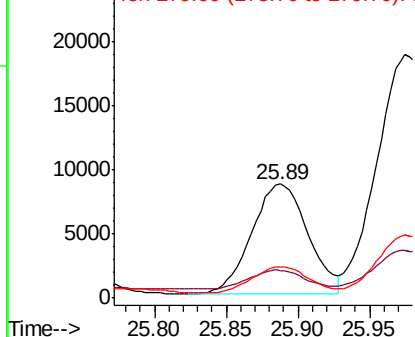


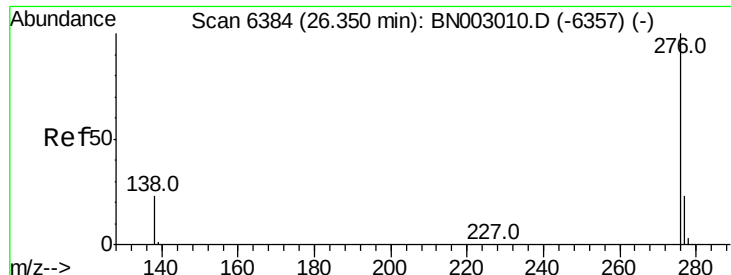
#25
 Dibenzo(a,h)anthracene
 Concen: 9.414 ng/ul
 RT: 25.89 min Scan# 6246
 Delta R.T. 0.21 min
 Lab File: BN003013.D
 Acq: 09 Oct 2018 06:40

Tgt Ion:278 Resp: 23450
 Ion Ratio Lower Upper
 278 100
 139 24.4 20.2 30.4
 279 27.6 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: 48.852 ng/ul

RT: 26.31 min Scan# 6372

Delta R.T. -0.04 min

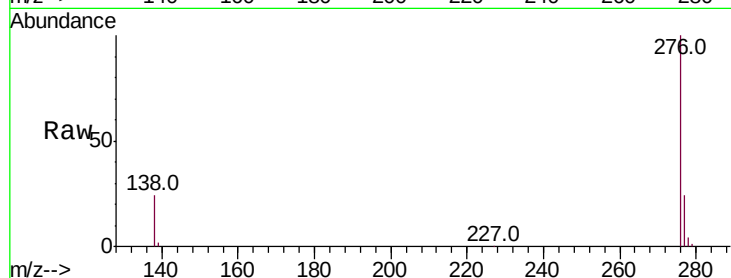
Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 128187

Ion Ratio Lower Upper

276 100

138 24.3 23.0 34.4

277 24.0 22.0 33.0

