

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025113.D
 Acq On : 27 Feb 2020 21:03
 Operator : CG/JU
 Sample : L1582-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ6

Quant Time: Feb 28 04:56:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

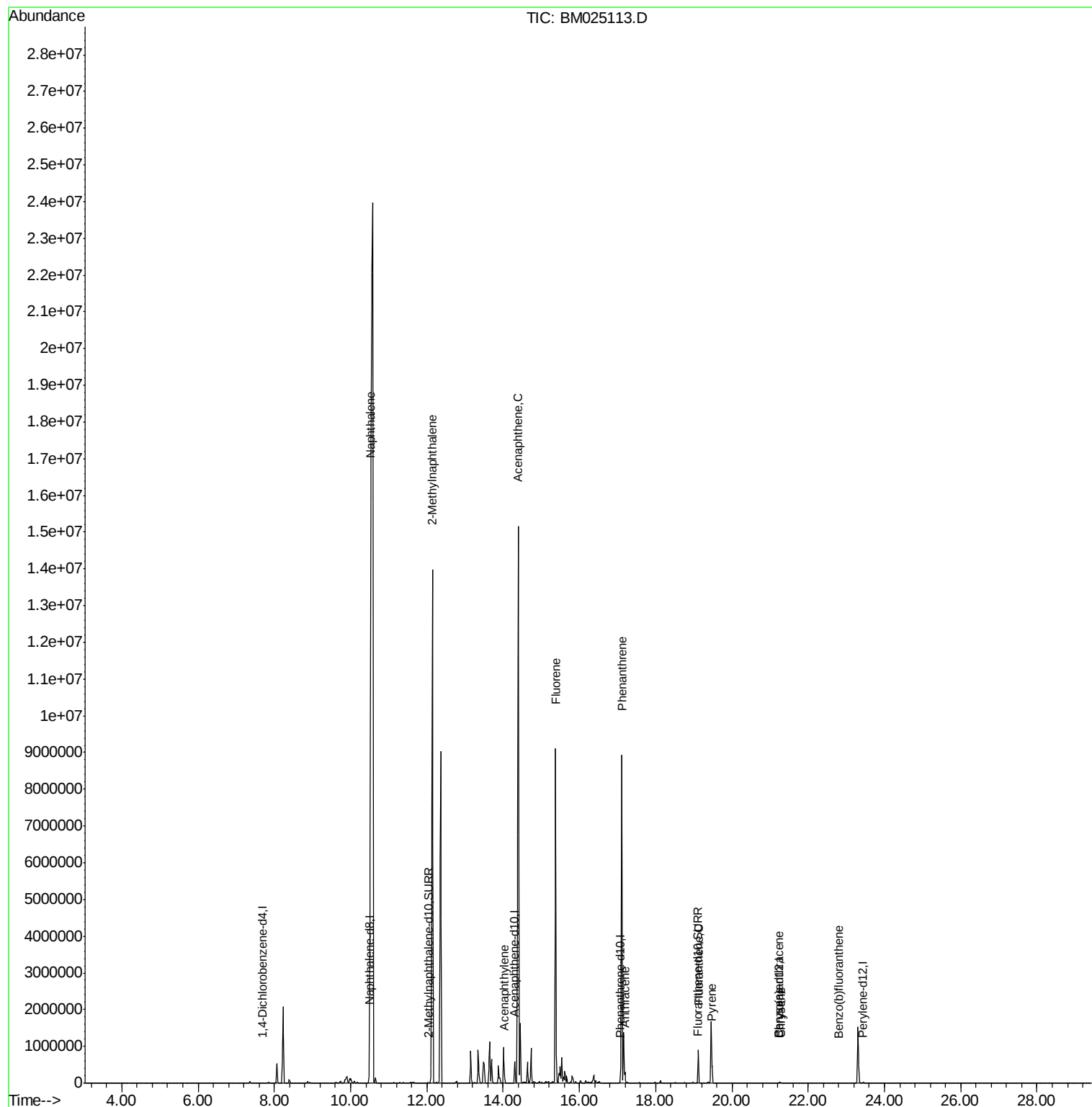
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3030	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	10858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	24607	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	19219	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	19814	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	21857	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7663	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18786	0.28	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.52	128	44166405	1336.244	ng/ul#	90
5) 2-Methylnaphthalene	12.15	142	10800133	452.832	ng/ul	98
7) Acenaphthylene	14.03	152	141492	0.997	ng/ul#	90
8) Acenaphthene	14.39	153	9311191	97.681	ng/ul	95
9) Fluorene	15.38	166	5903301	49.353	ng/ul	94
12) Phenanthrene	17.11	178	9738098	144.055	ng/ul	97
13) Anthracene	17.19	178	293769	4.484	ng/ul	96
15) Fluoranthene	19.12	202	770078	7.842	ng/ul	95
17) Pyrene	19.48	202	397804	4.456	ng/ul	96
18) Benzo(a)anthracene	21.23	228	13522	0.158	ng/ul	99
19) Chrysene	21.28	228	15760	0.185	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	4111	0.048	ng/ul	73

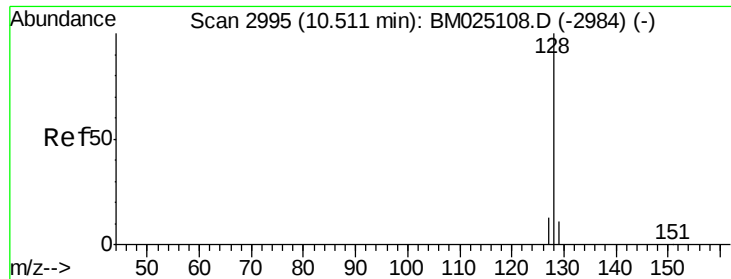
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1336.244 ng/ul

RT: 10.52 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

DBDJ6

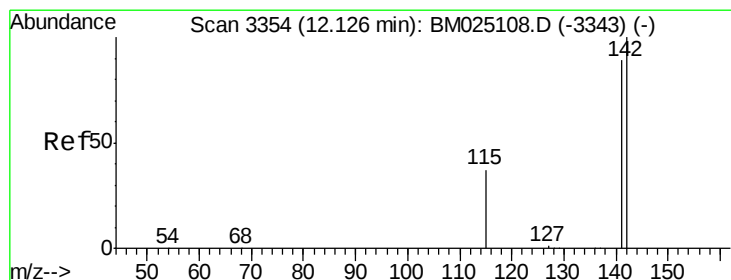
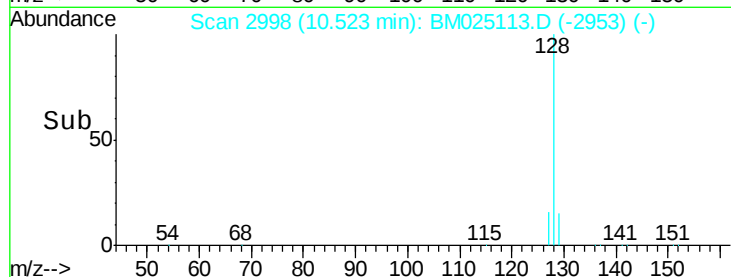
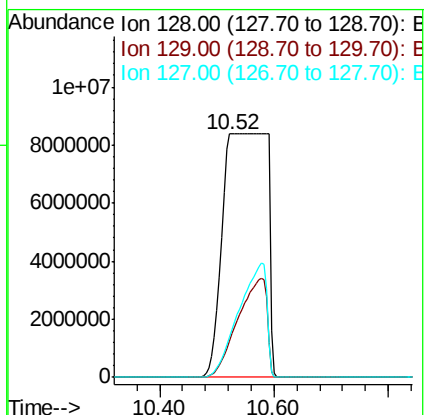
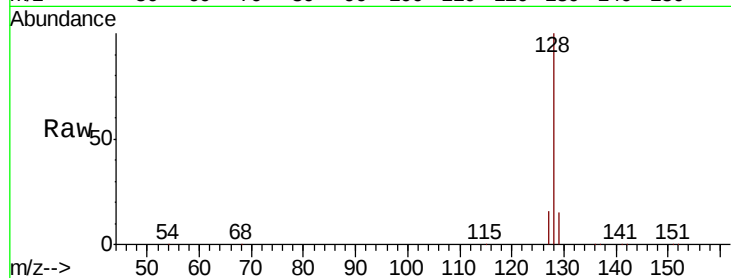
Tot Ion:128 Resp:44166405

Ion Ratio Lower Upper

128 100

129 14.9 17.0 25.6#

127 16.4 15.7 23.5



#5

2-Methylnaphthalene

Concen: 452.832 ng/ul

RT: 12.15 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM025113.D

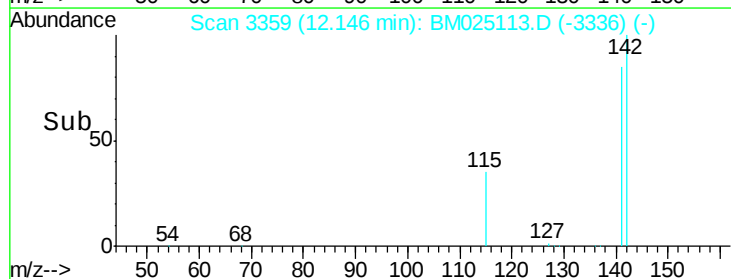
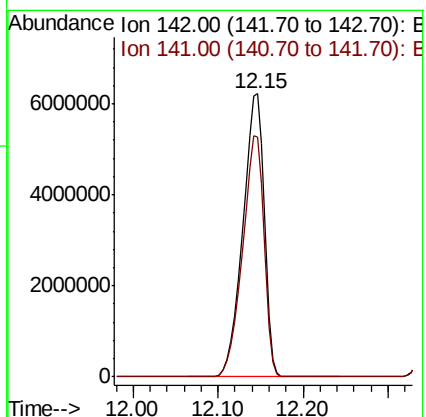
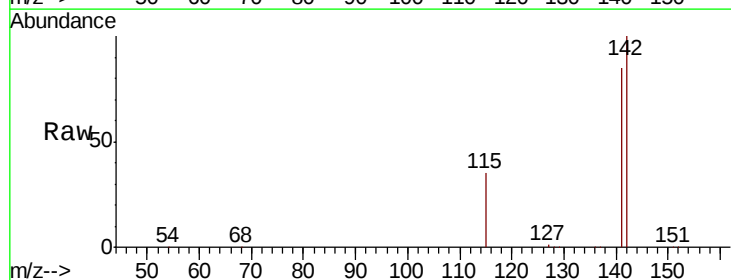
Acq: 27 Feb 2020 21:03

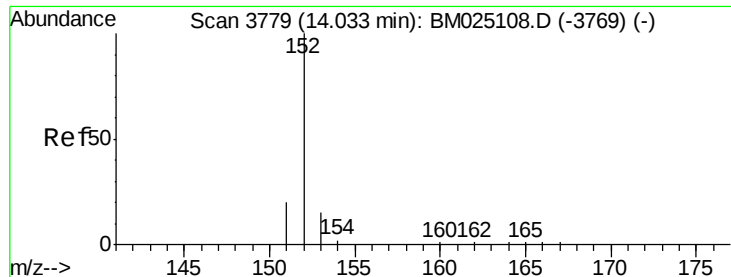
Tgt Ion:142 Resp:10800133

Ion Ratio Lower Upper

142 100

141 85.5 69.8 104.8





#7

Acenaphthylene

Concen: 0.997 ng/ul

RT: 14.03 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

DBDJ6

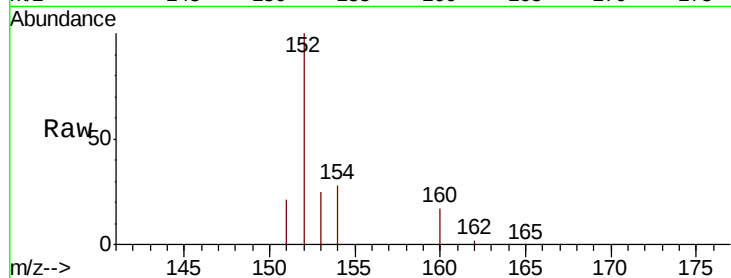
Tot Ion:152 Resp: 141492

Ion Ratio Lower Upper

152 100

151 20.8 17.8 26.8

153 25.0 13.3 19.9#



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

120000

100000

80000

60000

40000

20000

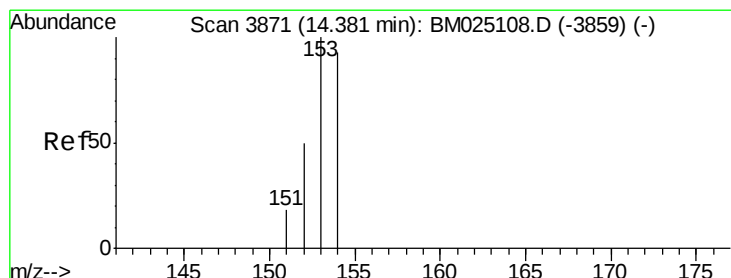
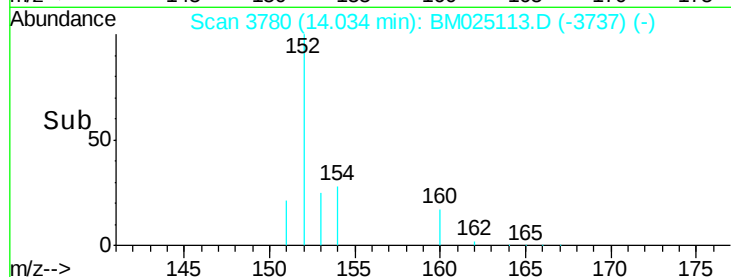
0

14.03

14.00

14.10

Time-->



#8

Acenaphthene

Concen: 97.681 ng/ul

RT: 14.39 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

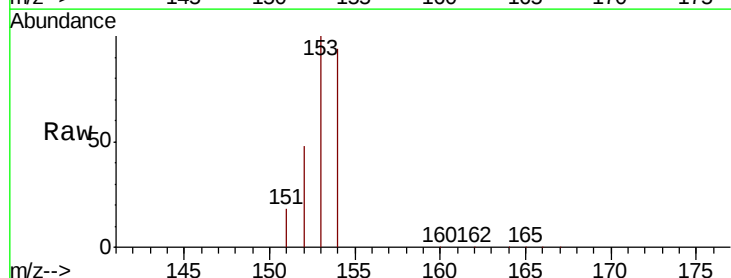
Tgt Ion:153 Resp: 9311191

Ion Ratio Lower Upper

153 100

152 47.5 40.0 60.0

154 94.1 71.0 106.6



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

8000000

6000000

4000000

2000000

0

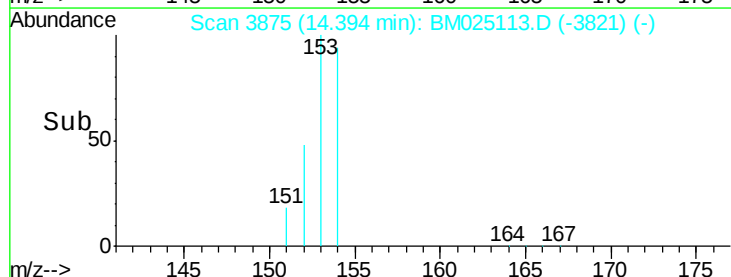
14.39

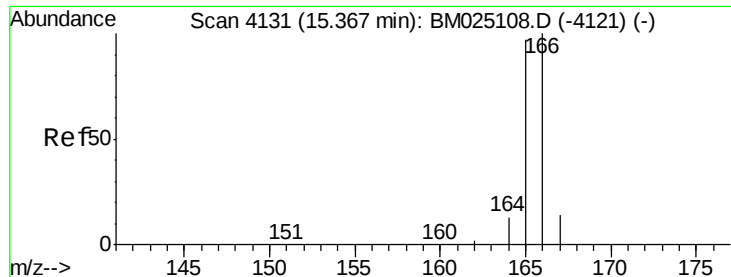
14.30

14.35

14.40

Time-->





#9

Fluorene

Concen: 49.353 ng/ul

RT: 15.38 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

DBDJ6

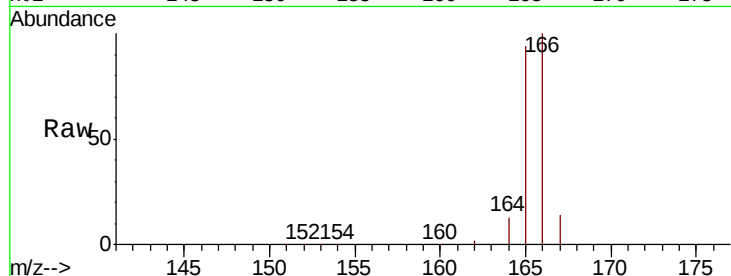
Tot Ion:166 Resp: 5903301

Ion Ratio Lower Upper

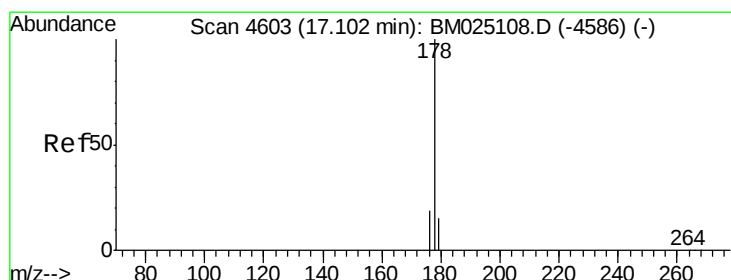
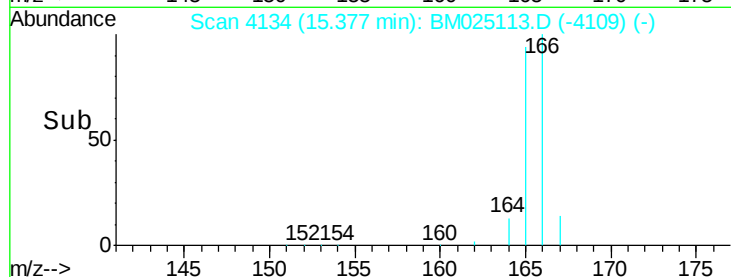
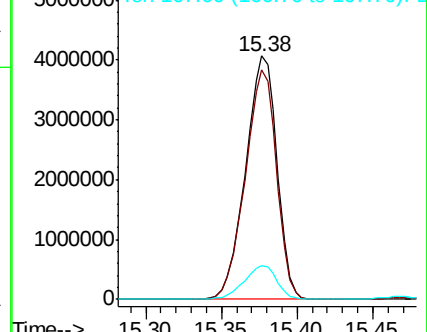
166 100

165 94.3 80.0 120.0

167 14.0 13.7 20.5



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: 144.055 ng/ul

RT: 17.11 min Scan# 4606

Delta R.T. 0.00 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

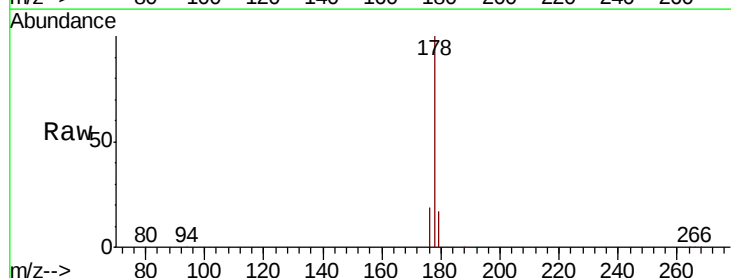
Tgt Ion:178 Resp: 9738098

Ion Ratio Lower Upper

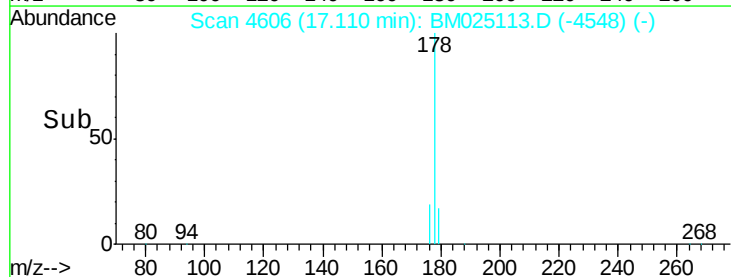
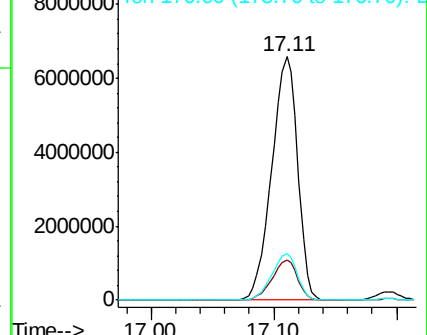
178 100

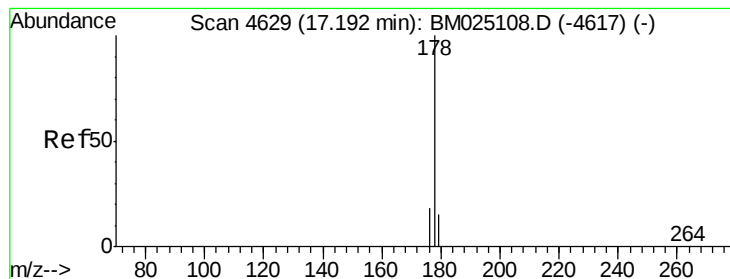
179 16.6 14.0 21.0

176 19.1 16.6 24.8



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: 4.484 ng/ul

RT: 17.19 min Scan# 4630

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

DBDJ6

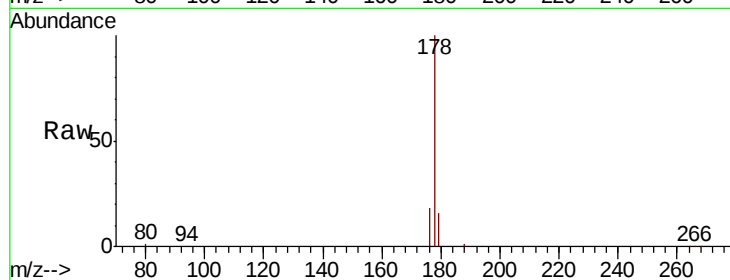
Tot Ion:178 Resp: 293769

Ion Ratio Lower Upper

178 100

179 16.2 14.1 21.1

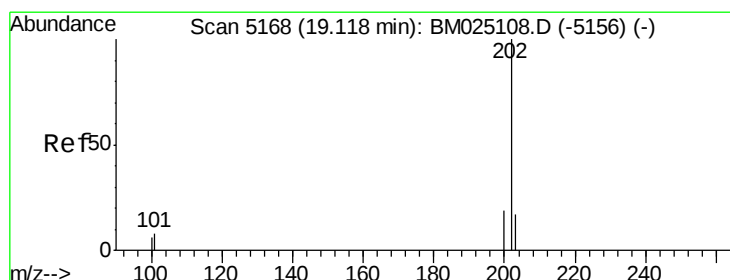
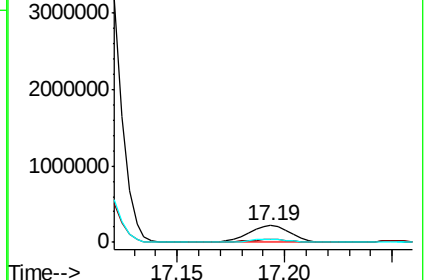
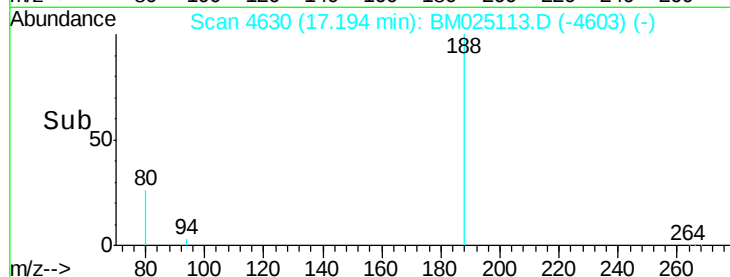
176 17.8 16.2 24.4



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: 7.842 ng/ul

RT: 19.12 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

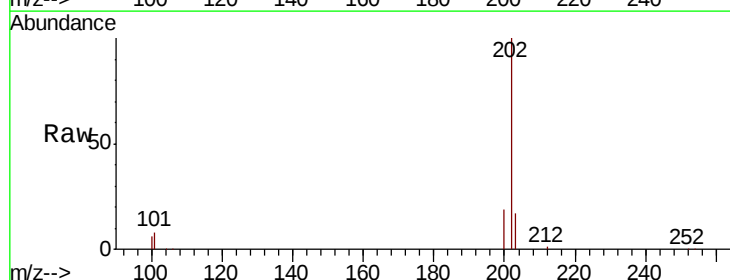
Tgt Ion:202 Resp: 770078

Ion Ratio Lower Upper

202 100

101 7.9 0.0 29.4

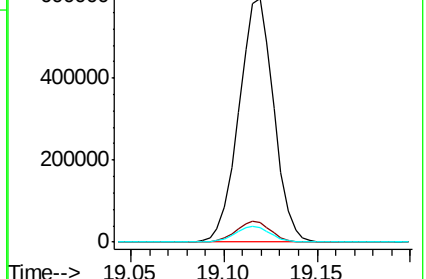
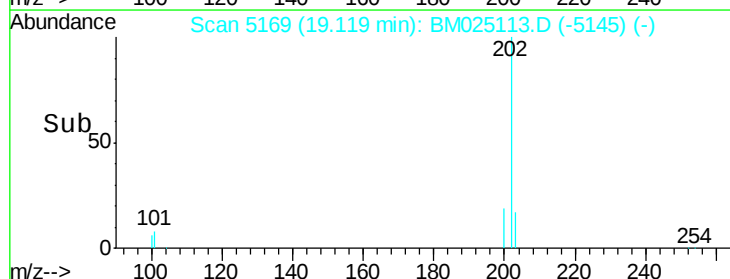
100 5.9 0.0 28.0

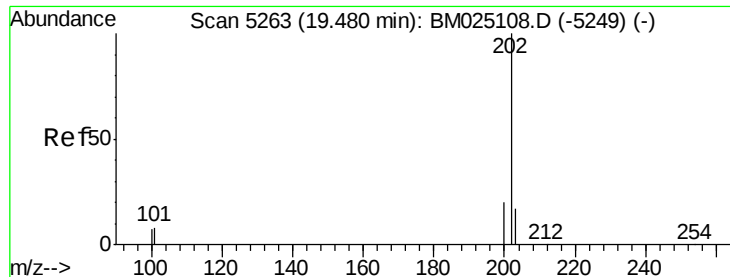


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

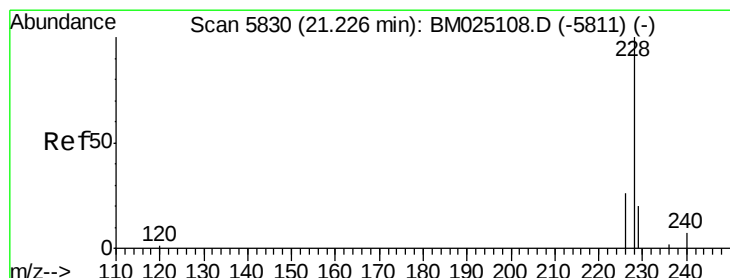
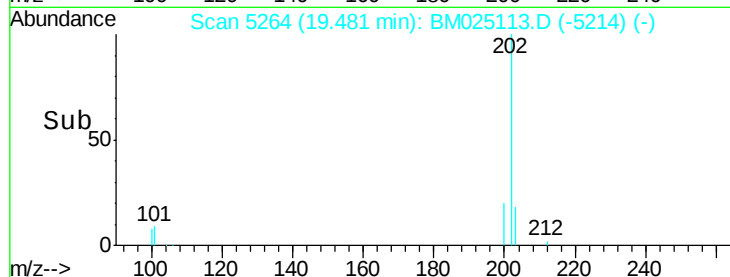
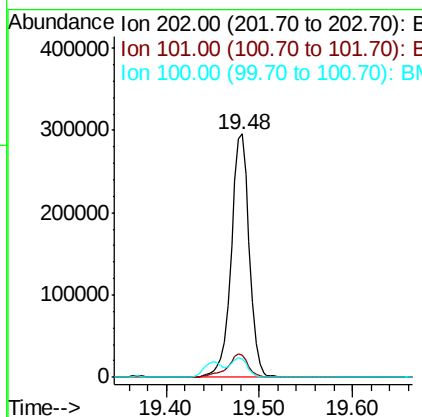
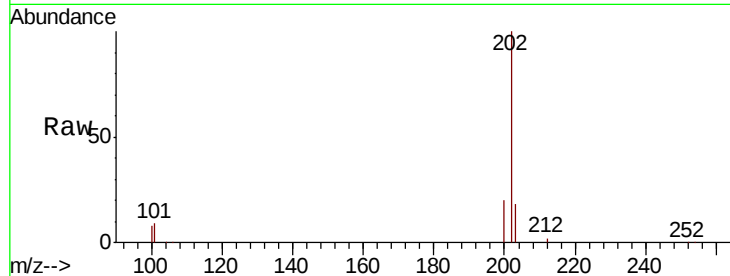




#17
Pvrene
Concen: 4.456 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.01 min
Lab File: BM025113.D
Acq: 27 Feb 2020 21:03

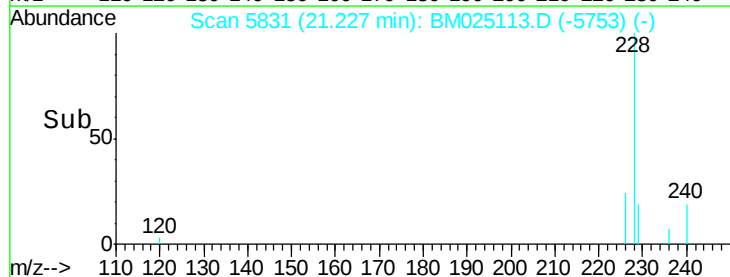
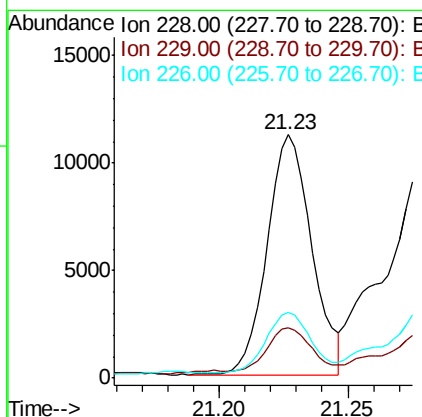
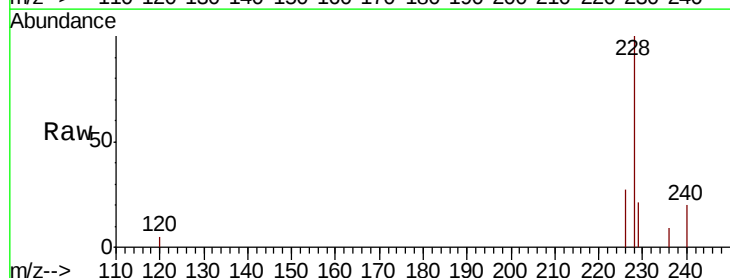
Instrument :
BNA_M
ClientSampleId :
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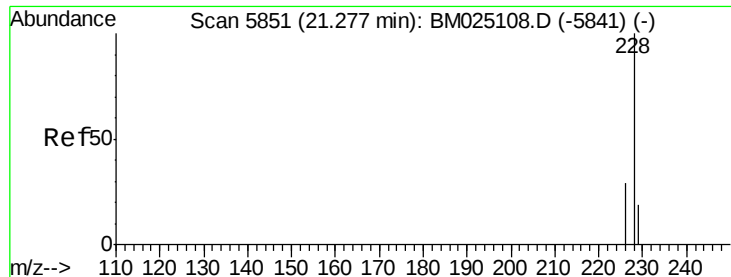
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.7	13.1
100	7.7	7.3	10.9



#18
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM025113.D
Acq: 27 Feb 2020 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	26.9	21.9	32.9





#19

Chrysene

Concen: 0.185 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Instrument :

BNA_M

ClientSampleId :

DBDJ6

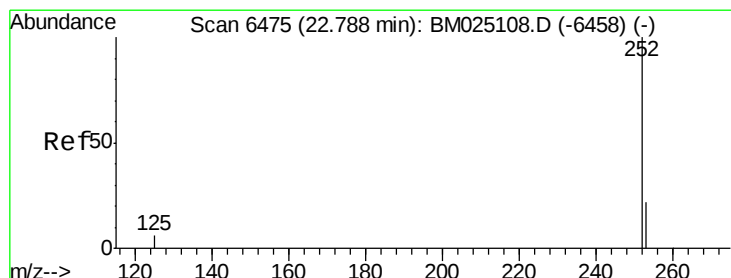
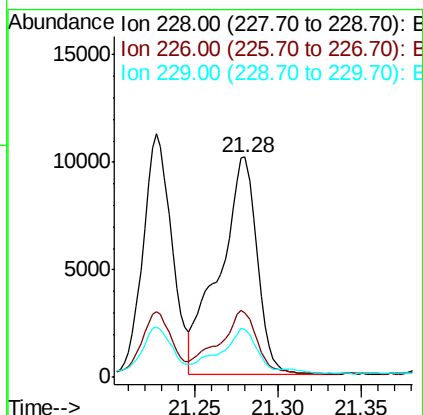
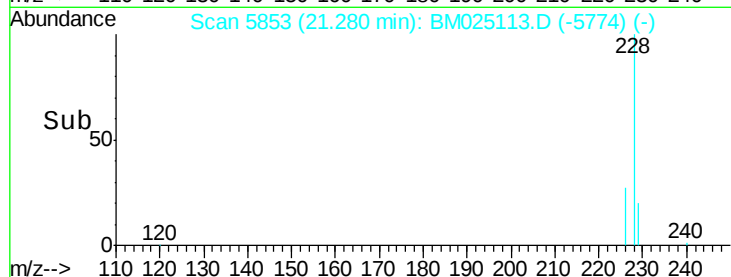
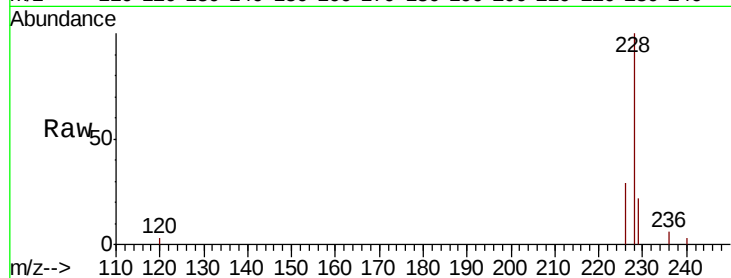
Tot Ion:228 Resp: 15760

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

229 21.7 16.9 25.3



#21

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025113.D

Acq: 27 Feb 2020 21:03

Tgt Ion:252 Resp: 4111

Ion Ratio Lower Upper

252 100

253 38.6 0.0 49.8

125 25.1 0.0 28.6

