

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025523.D
 Acq On : 12 Mar 2020 15:28
 Operator : CG/JU
 Sample : L1827-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFR34DL

Quant Time: Mar 13 04:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

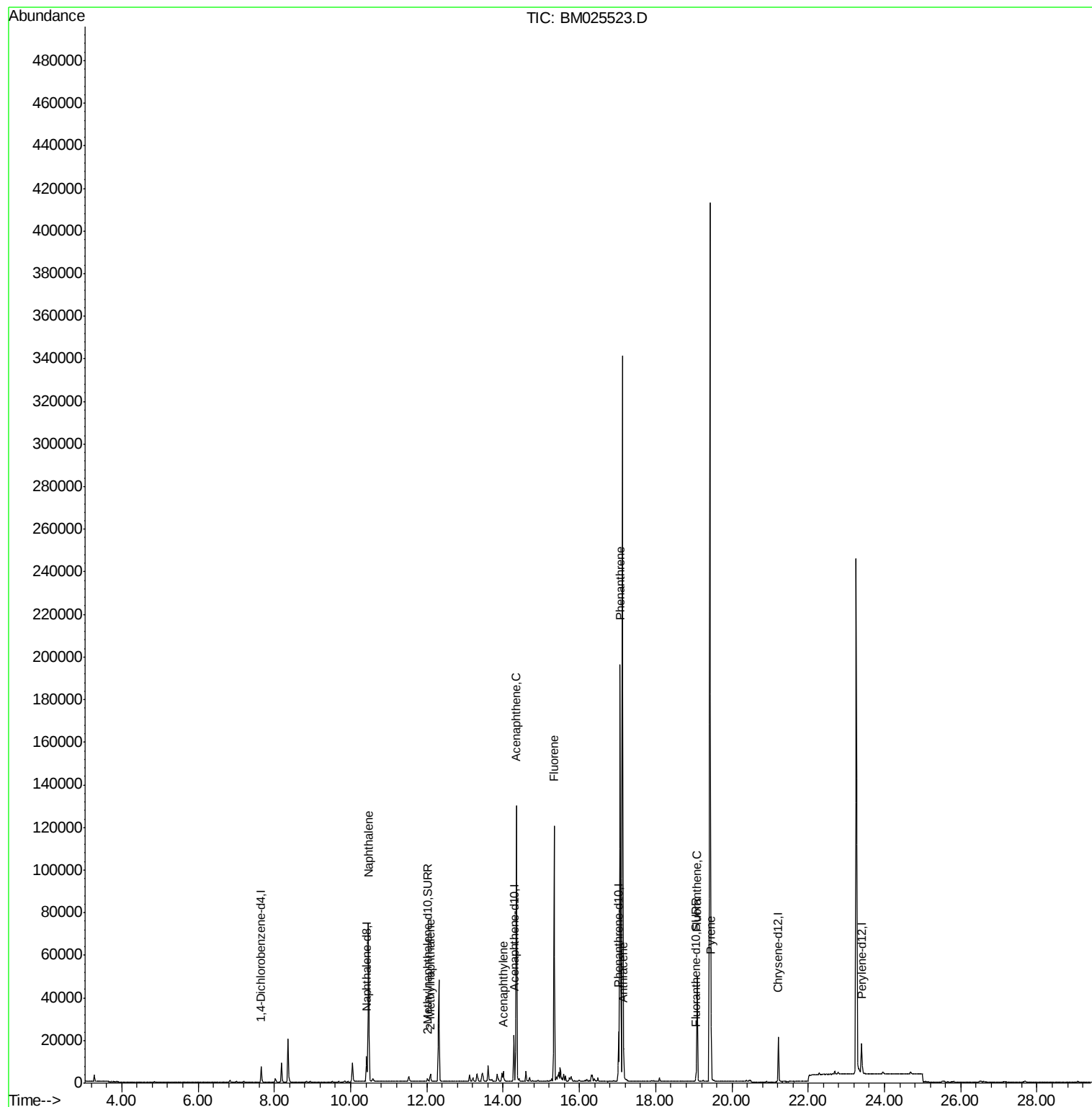
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3622	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11637	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	27450	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19260	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17930	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1577	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4768	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	99729	2.109	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2620	0.078	ng/ul	98
7) Acenaphthylene	14.00	152	3025	0.064	ng/ul#	85
8) Acenaphthene	14.35	153	69793	1.674	ng/ul	99
9) Fluorene	15.33	166	73088	1.438	ng/ul	100
12) Phenanthrene	17.07	178	198997	2.288	ng/ul	99
13) Anthracene	17.16	178	12779	0.169	ng/ul	99
15) Fluoranthene	19.09	202	42805	0.454	ng/ul	99
17) Pyrene	19.45	202	26871	0.311	ng/ul	98

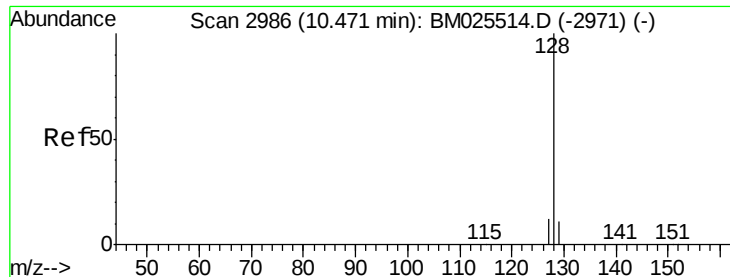
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.109 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

Instrument :

BNA_M

ClientSampleId :

BFR34DL

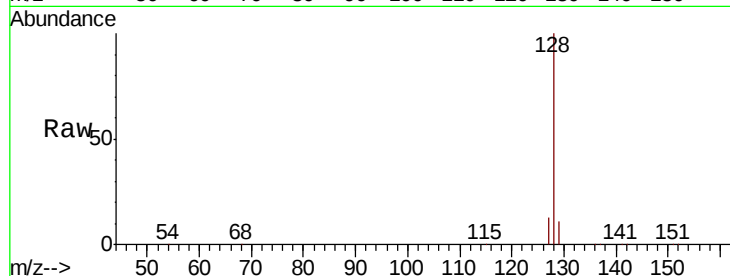
Tot Ion:128 Resp: 99729

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

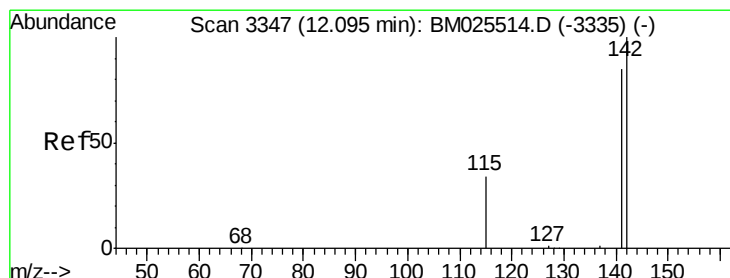
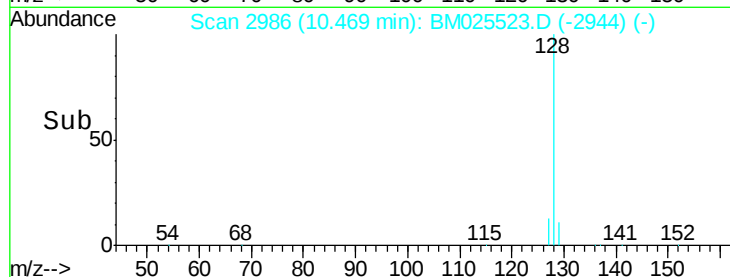
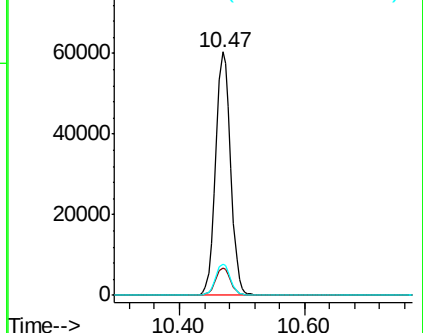
127 12.8 10.9 16.3



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: 0.078 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BM025523.D

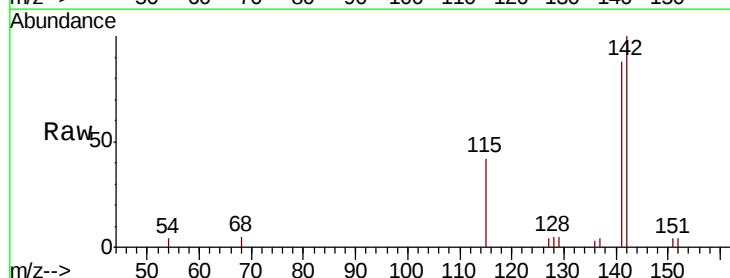
Acq: 12 Mar 2020 15:28

Tgt Ion:142 Resp: 2620

Ion Ratio Lower Upper

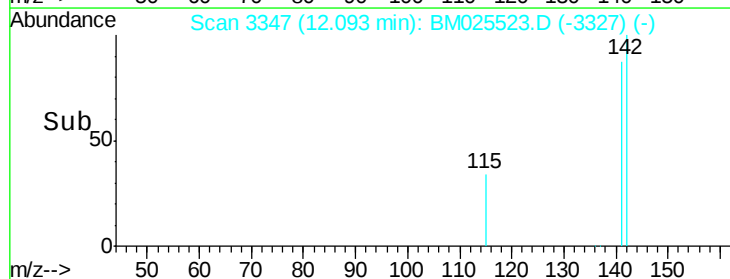
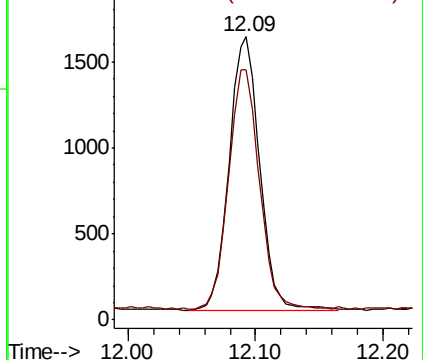
142 100

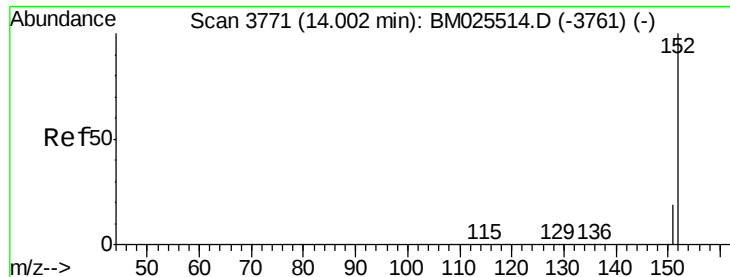
141 88.9 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

Instrument :

BNA_M

ClientSampleId :

BFR34DL

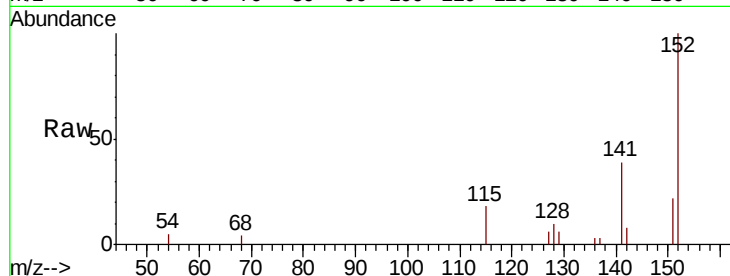
Tot Ion:152 Resp: 3025

Ion Ratio Lower Upper

152 100

151 21.6 16.2 24.2

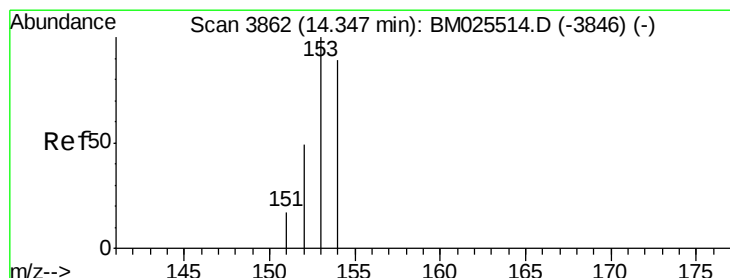
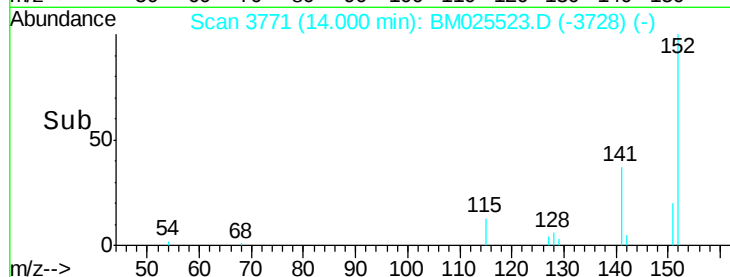
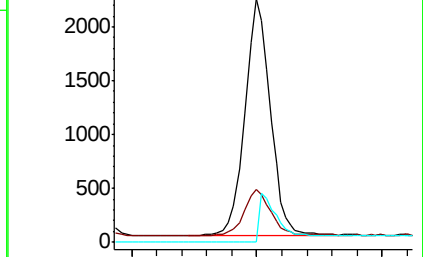
153 0.0 10.6 16.0#



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: 1.674 ng/ul

RT: 14.35 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

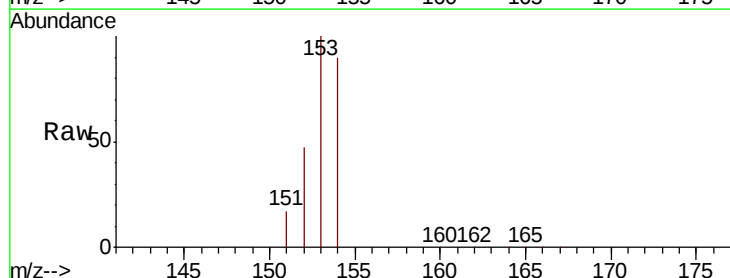
Tgt Ion:153 Resp: 69793

Ion Ratio Lower Upper

153 100

152 47.2 39.5 59.3

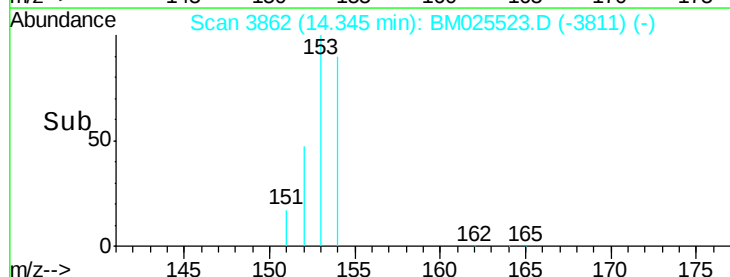
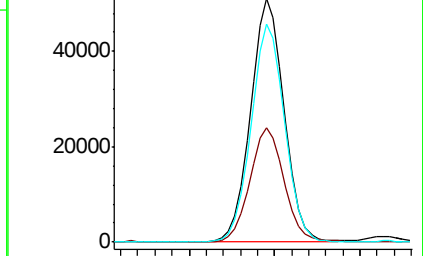
154 89.6 71.7 107.5

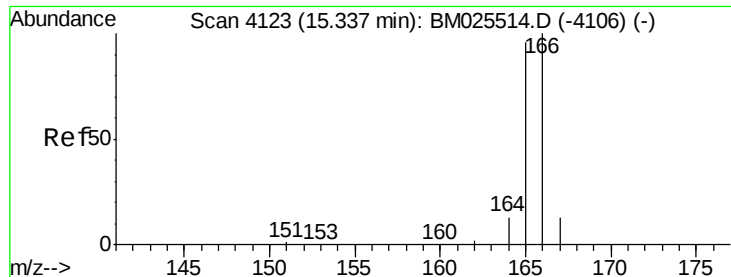


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.438 ng/ul

RT: 15.33 min Scan# 4123

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

Instrument :

BNA_M

ClientSampleId :

BFR34DL

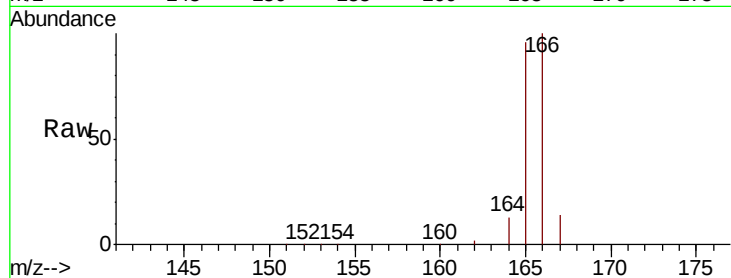
Tot Ion:166 Resp: 73088

Ion Ratio Lower Upper

166 100

165 95.5 76.8 115.2

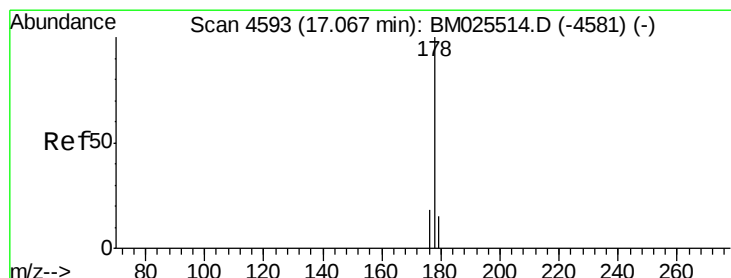
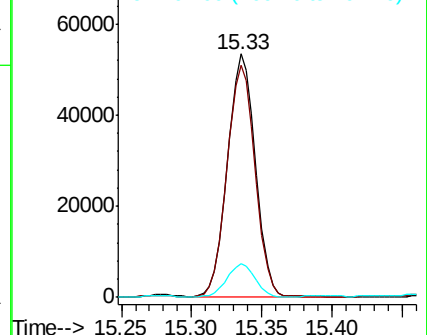
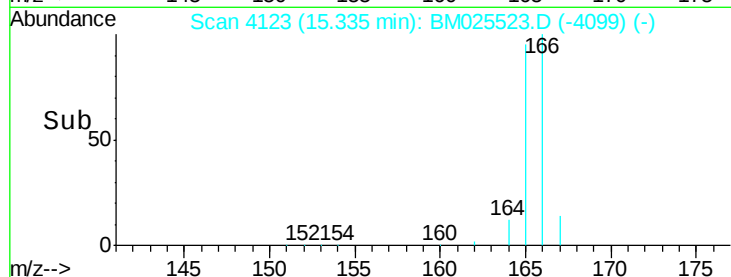
167 13.8 11.2 16.8



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: 2.288 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

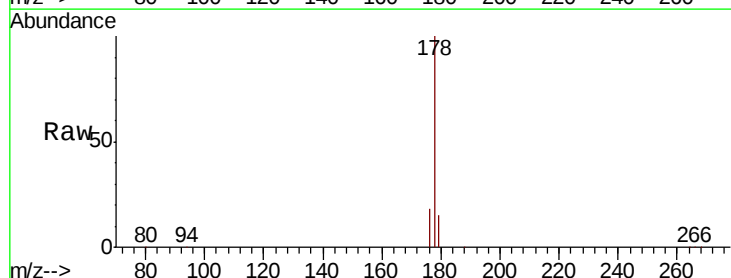
Tgt Ion:178 Resp: 198997

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

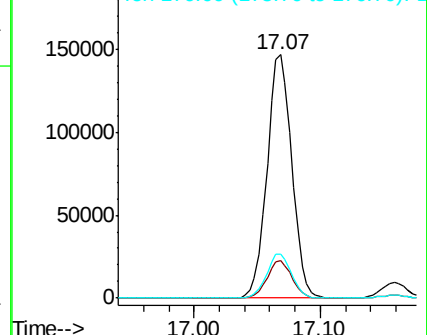
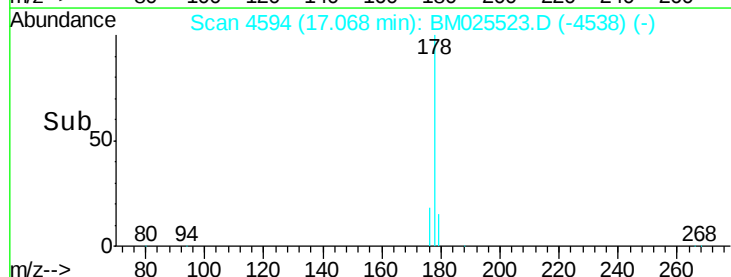
176 18.1 14.8 22.2

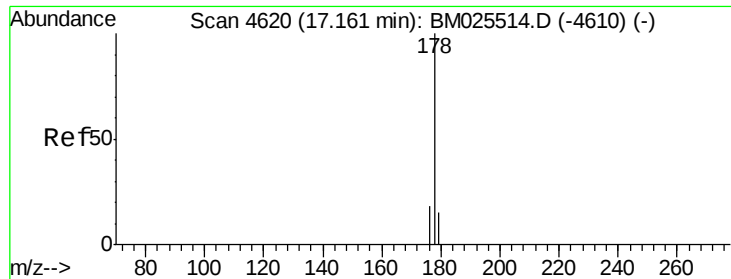


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.169 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.01 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

Instrument :

BNA_M

ClientSampled :

BFR34DL

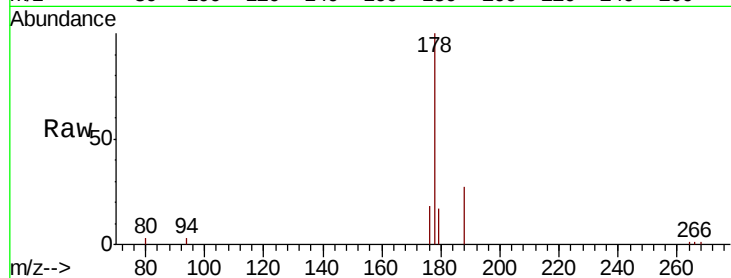
Tot Ion:178 Resp: 12779

Ion Ratio Lower Upper

178 100

179 16.7 12.6 18.8

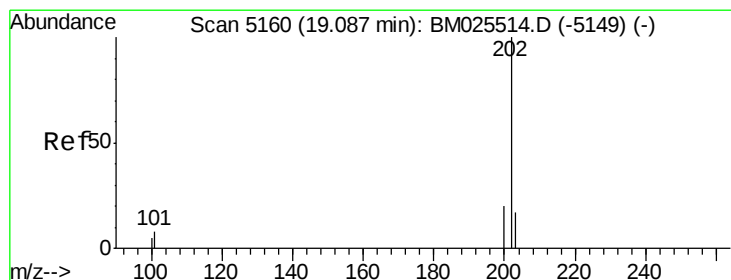
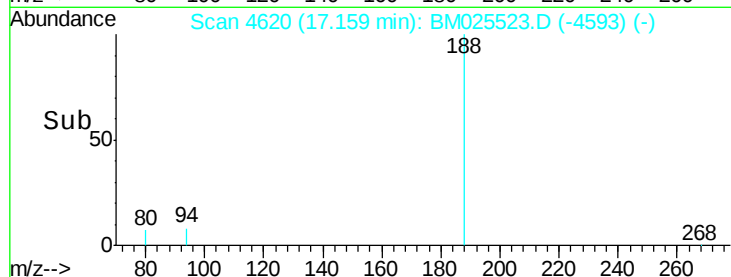
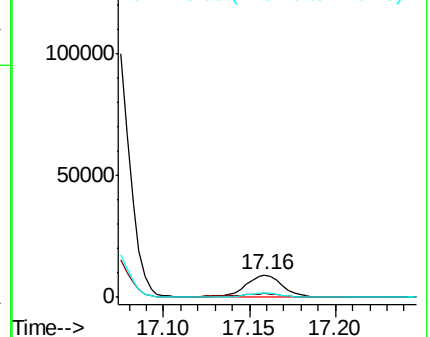
176 18.1 14.5 21.7



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: 0.454 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

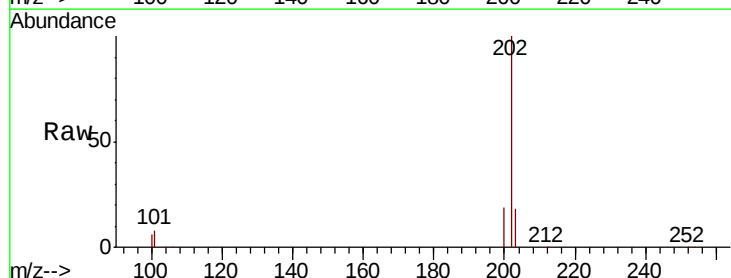
Tgt Ion:202 Resp: 42805

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.5

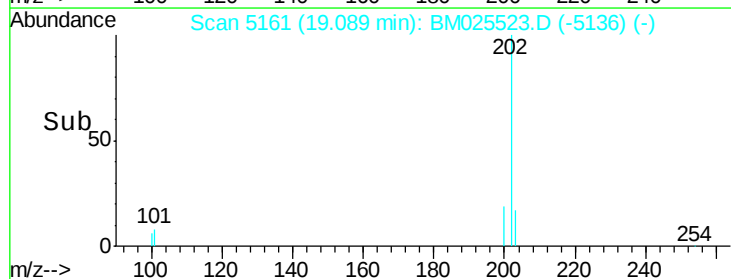
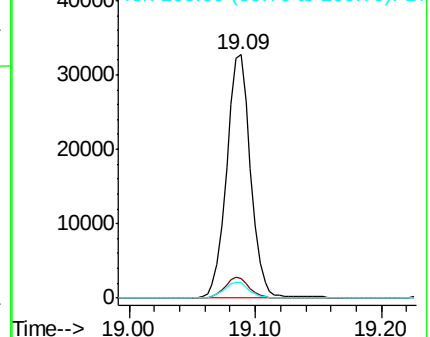
100 6.3 0.0 26.0

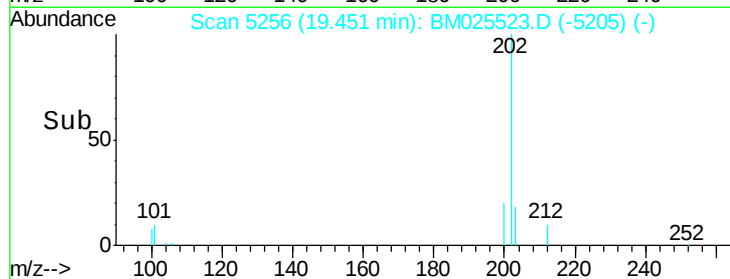
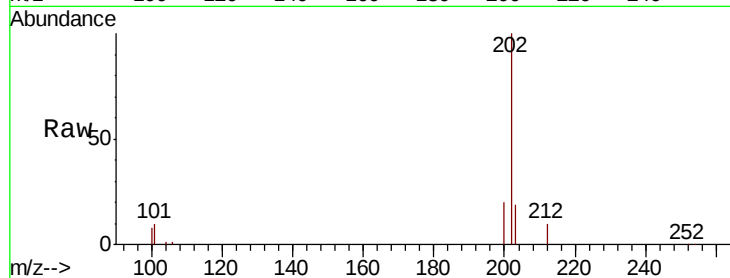
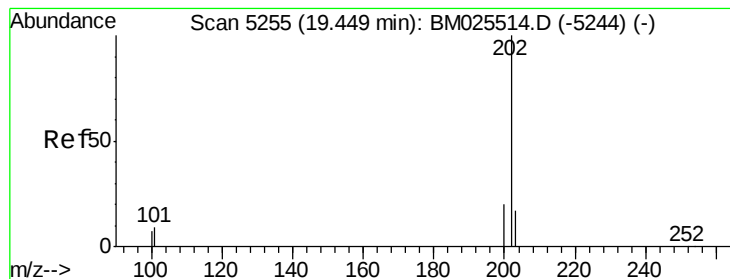


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.311 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025523.D

Acq: 12 Mar 2020 15:28

Instrument :

BNA_M

ClientSampleId :

BFR34DL

Tot Ion:202 Resp: 26871

Ion Ratio Lower Upper

202 100

101 9.9 7.1 10.7

100 8.0 6.0 9.0

