

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025547.D
 Acq On : 13 Mar 2020 18:47
 Operator : CG/JU
 Sample : L1827-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFR34DL

Quant Time: Mar 16 11:09:53 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 16 06:44:28 2020
 Response via : Initial Calibration

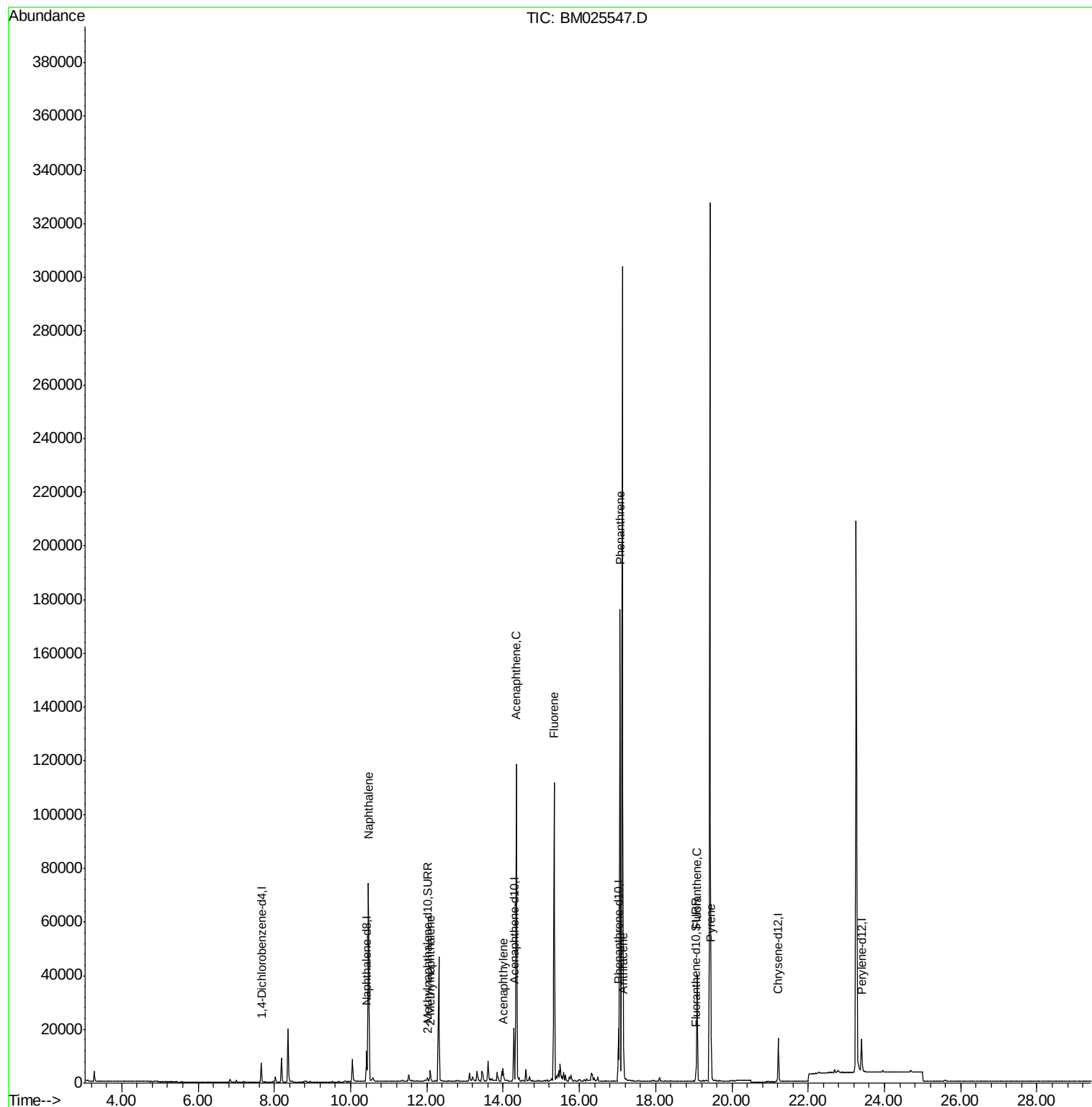
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3540	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10816	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	23580	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14762	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15082	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1577	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3841	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	97176	2.156	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2789	0.087	ng/ul	99
7) Acenaphthylene	14.00	152	3285	0.074	ng/ul#	85
8) Acenaphthene	14.34	153	66961	1.728	ng/ul	99
9) Fluorene	15.34	166	68602	1.452	ng/ul	100
12) Phenanthrene	17.07	178	176810	2.366	ng/ul	100
13) Anthracene	17.16	178	11642	0.179	ng/ul	99
15) Fluoranthene	19.09	202	34633	0.428	ng/ul	98
17) Pyrene	19.45	202	22161	0.334	ng/ul	98

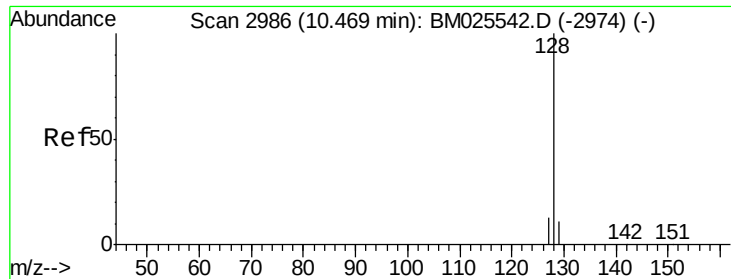
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.156 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM025547.D

Acq: 13 Mar 2020 18:47

Instrument :

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ClientSampleId :

BFR34DL

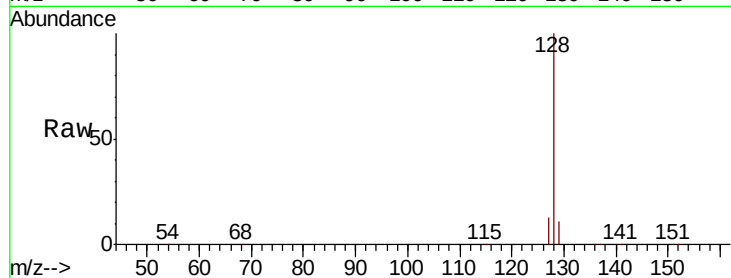
Tot Ion:128 Resp: 97176

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

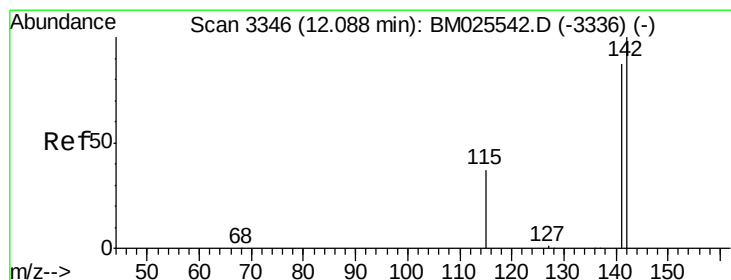
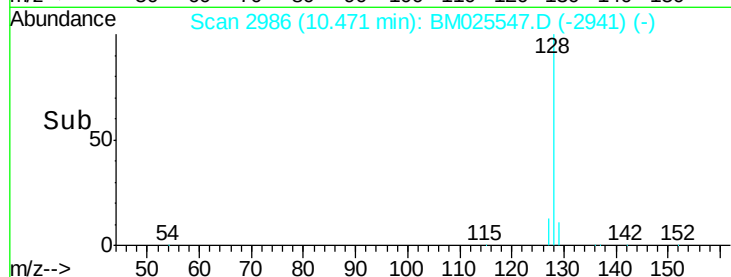
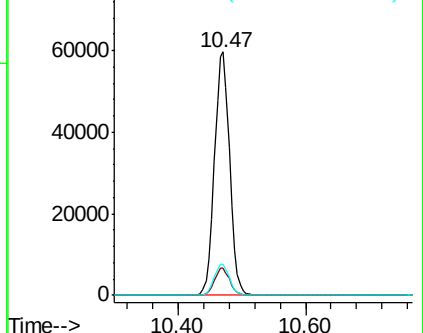
127 12.7 10.9 16.3



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: 0.087 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM025547.D

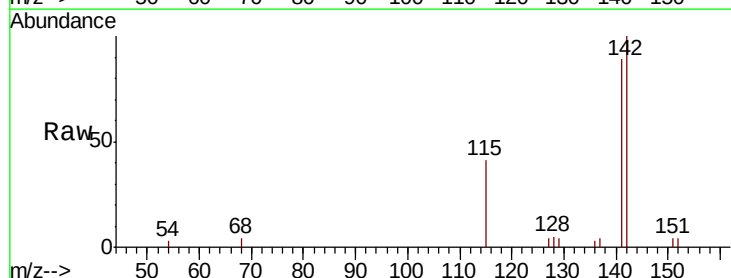
Acq: 13 Mar 2020 18:47

Tgt Ion:142 Resp: 2789

Ion Ratio Lower Upper

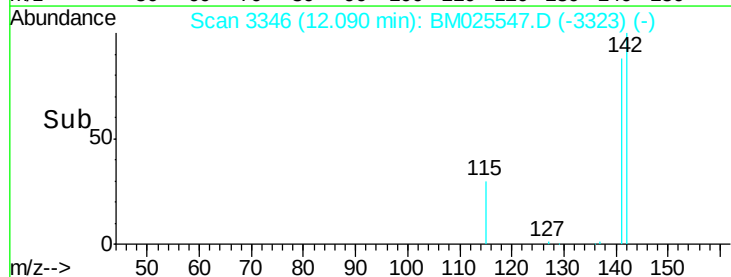
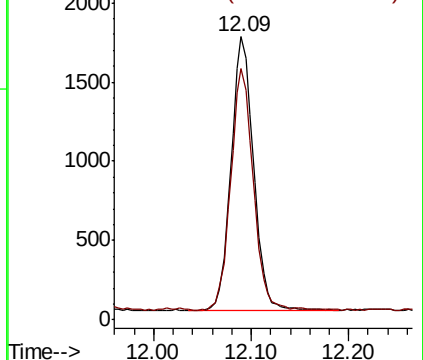
142 100

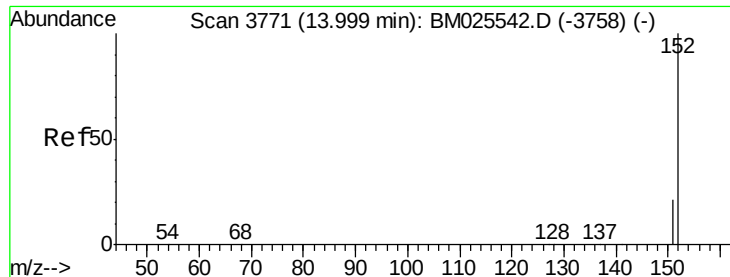
141 88.0 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025547.D

Acq: 13 Mar 2020 18:47

Instrument :

BNA_M

ClientSampleId :

BFR34DL

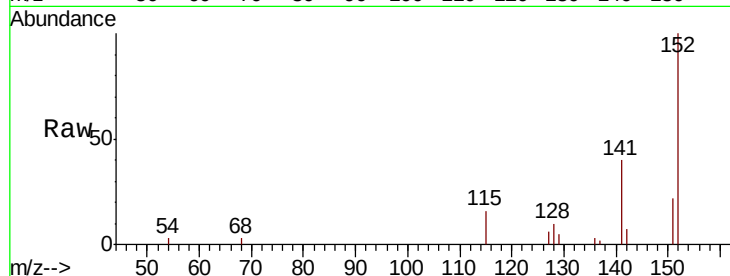
Tot Ion:152 Resp: 3285

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.2

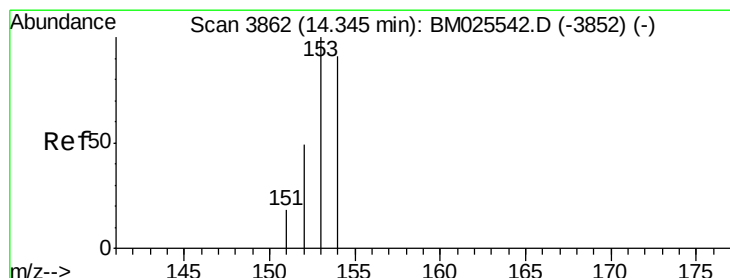
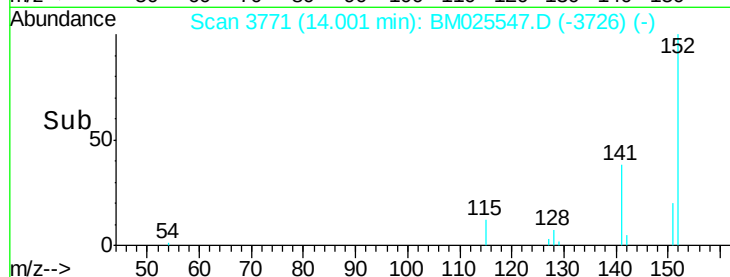
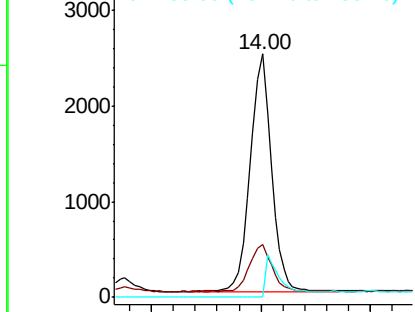
153 0.0 10.6 16.0#



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: 1.728 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.00 min

Lab File: BM025547.D

Acq: 13 Mar 2020 18:47

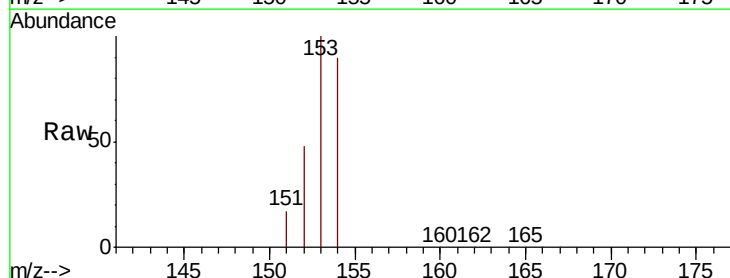
Tgt Ion:153 Resp: 66961

Ion Ratio Lower Upper

153 100

152 47.7 39.5 59.3

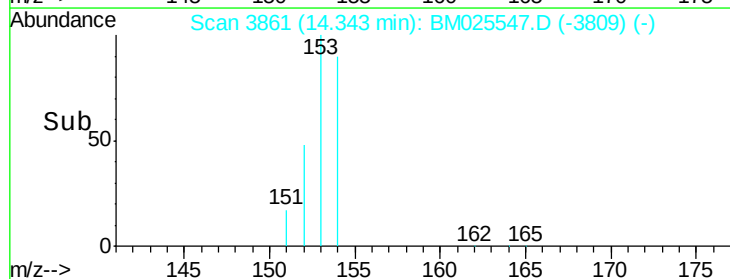
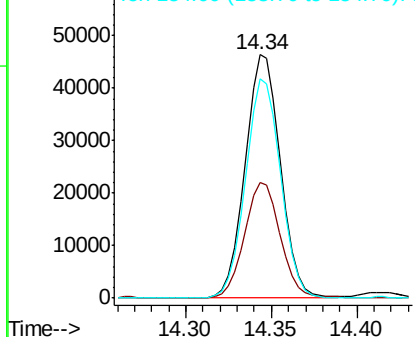
154 89.9 71.7 107.5

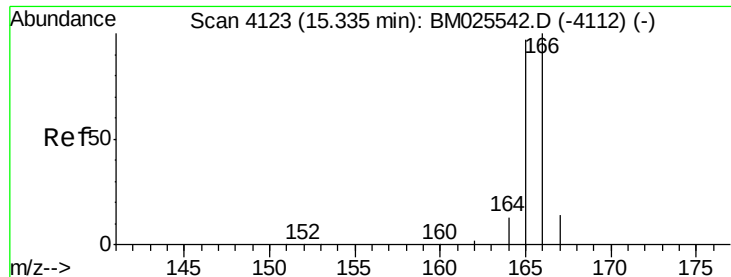


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

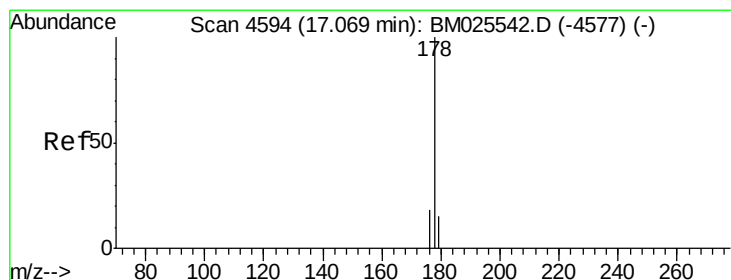
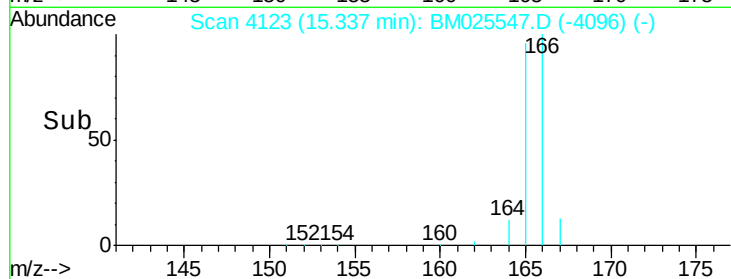
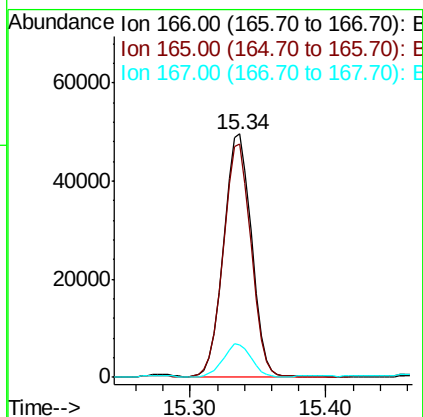
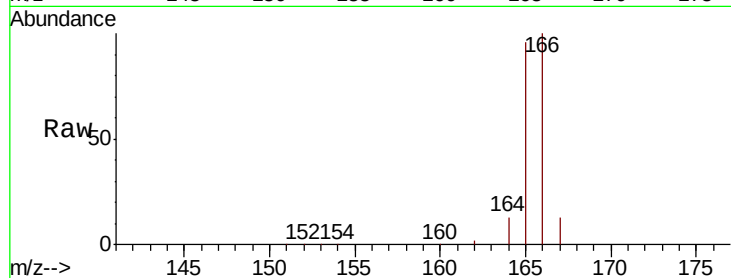




#9
Fluorene
 Concen: 1.452 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. 0.00 min
 Lab File: BM025547.D
 Acq: 13 Mar 2020 18:47

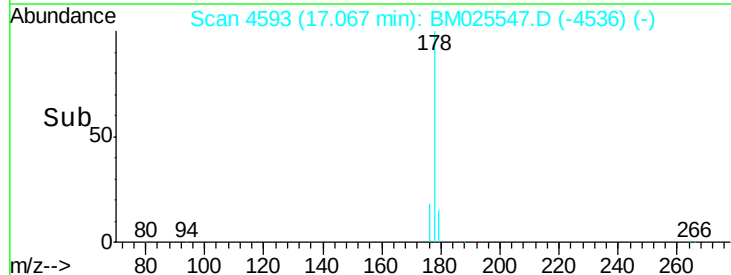
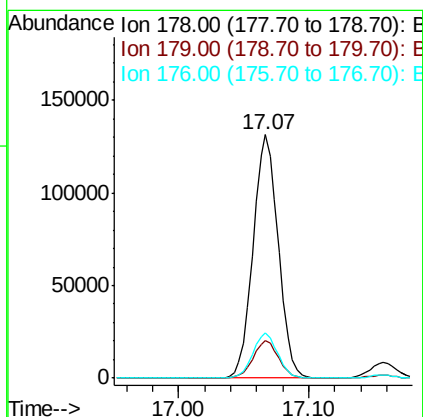
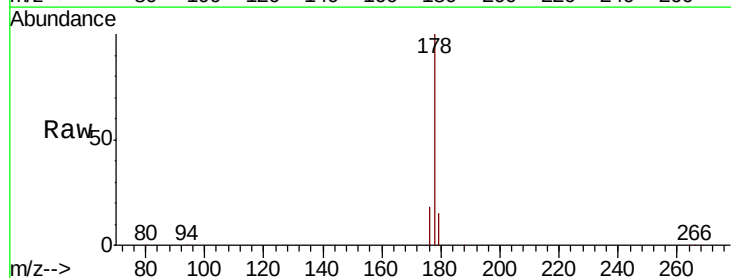
Instrument :
 BNA_M
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 BFR34DL

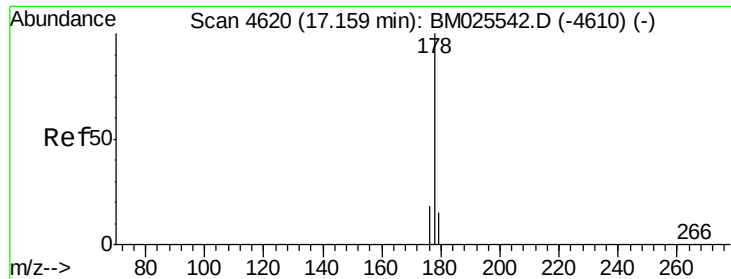
Tot Ion:166 Resp: 68602
 Ion Ratio Lower Upper
 166 100
 165 95.7 76.8 115.2
 167 13.5 11.2 16.8



#12
Phenanthrene
 Concen: 2.366 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.00 min
 Lab File: BM025547.D
 Acq: 13 Mar 2020 18:47

Tgt Ion:178 Resp: 176810
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.4 18.6
 176 18.4 14.8 22.2





#13

Anthracene

Concen: 0.179 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025547.D

Acq: 13 Mar 2020 18:47

Instrument :

BNA_M

ClientSampleId :

BFR34DL

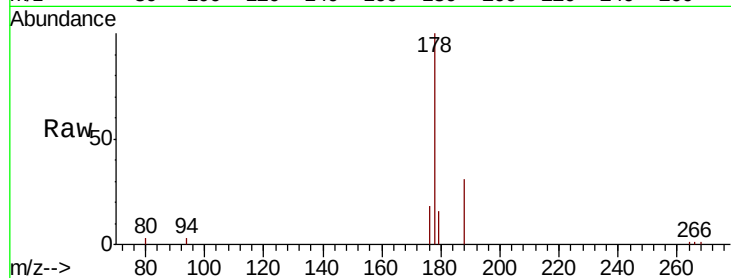
Tot Ion:178 Resp: 11642

Ion Ratio Lower Upper

178 100

179 16.5 12.6 18.8

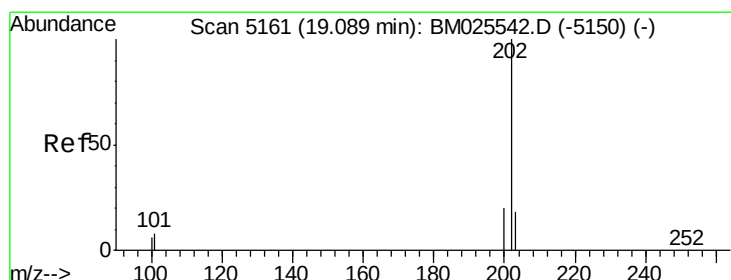
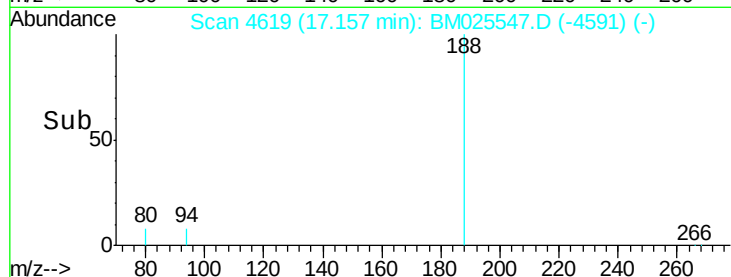
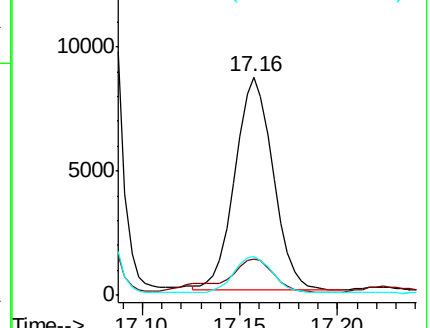
176 17.8 14.5 21.7



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: 0.428 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. 0.00 min

Lab File: BM025547.D

Acq: 13 Mar 2020 18:47

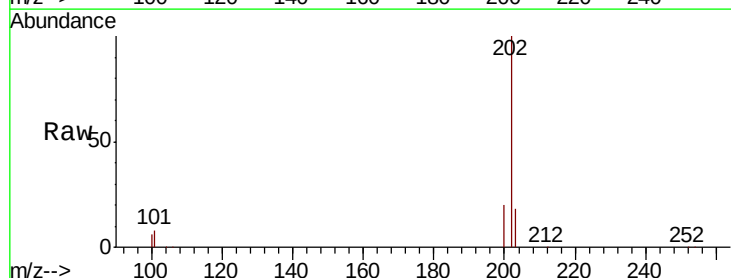
Tgt Ion:202 Resp: 34633

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.5

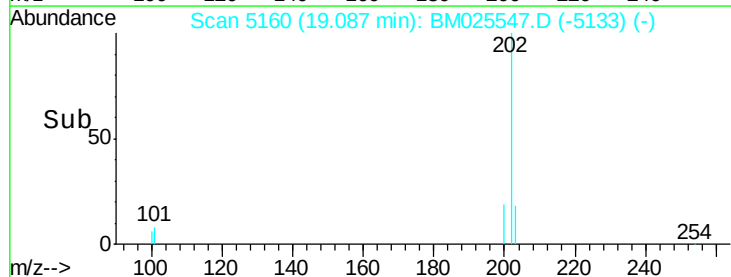
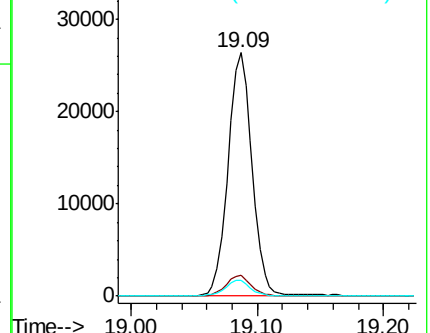
100 6.4 0.0 26.0

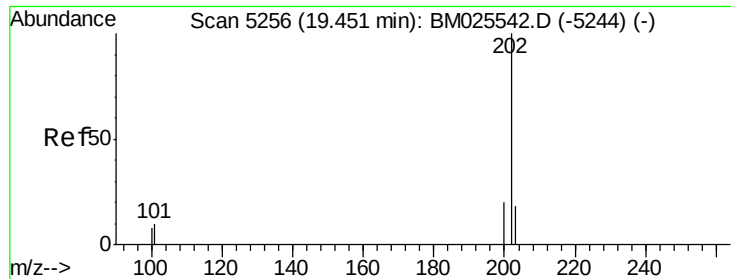


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17
 Pvrene
 Concen: 0.334 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM025547.D
 Acq: 13 Mar 2020 18:47

Instrument :
 BNA_M
 ClientSampleId :
 BFR34DL

Tot Ion:	202	Resp:	22161
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
100	8.0	6.0	9.0

