

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025466.D
 Acq On : 10 Mar 2020 23:18
 Operator : CG/JU
 Sample : L1617-12
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 00:16:51 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 : Tue Mar 10 23:48:01 2020
 Response via : Initial Calibration

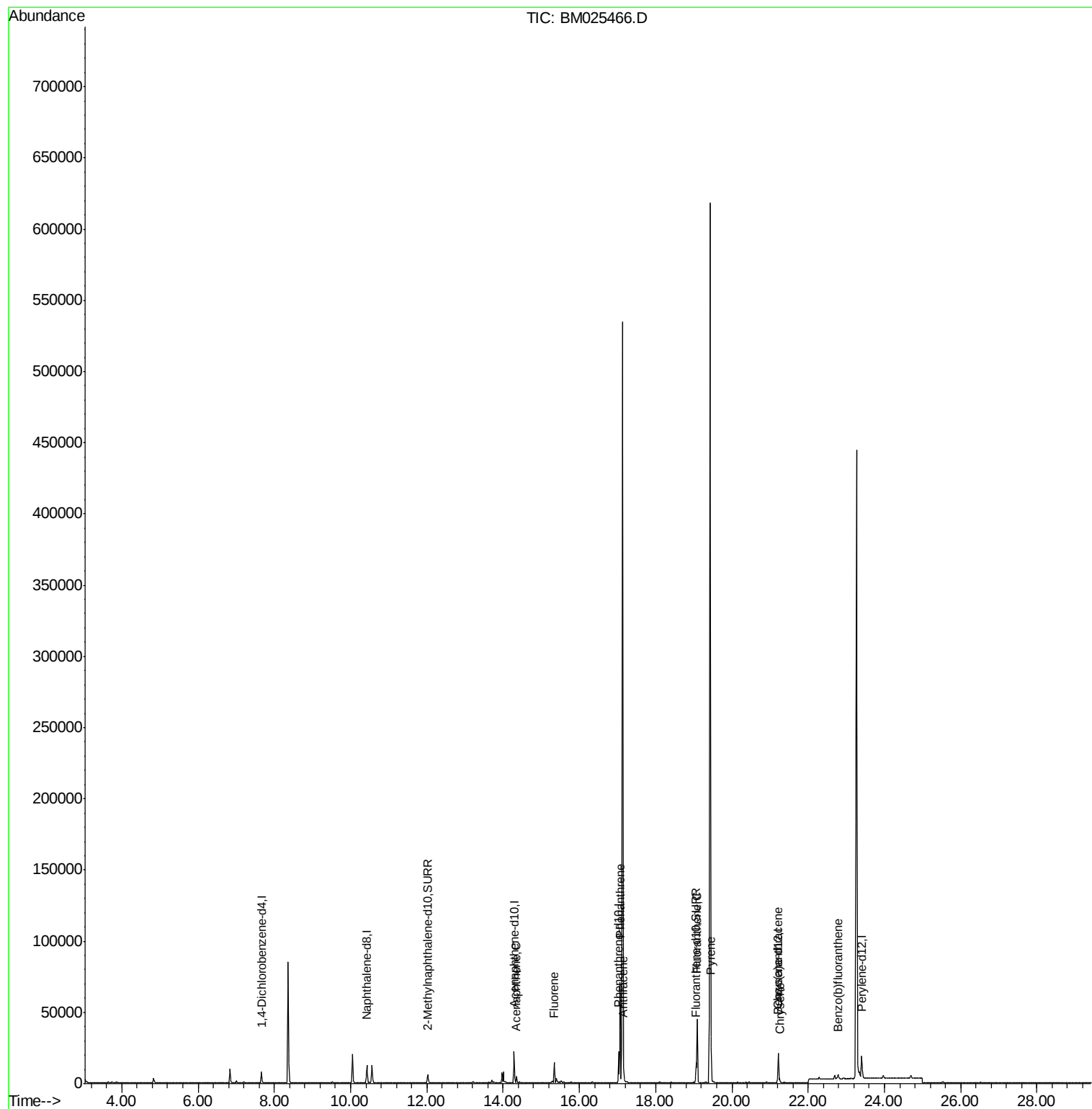
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16949	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12075	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25590	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18010	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19510	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7766	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	16669	0.24	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.35	153	2711	0.063	ng/ul	98
9) Fluorene	15.34	166	8901	0.169	ng/ul	99
12) Phenanthrene	17.07	178	72786	0.898	ng/ul	100
13) Anthracene	17.16	178	4520	0.064	ng/ul	97
15) Fluoranthene	19.09	202	39176	0.446	ng/ul	99
17) Pyrene	19.45	202	27367	0.339	ng/ul	99
18) Benzo(a)anthracene	21.20	228	3340	0.052	ng/ul	96
19) Chrysene	21.25	228	3303	0.046	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	2346m	0.030	ng/ul	

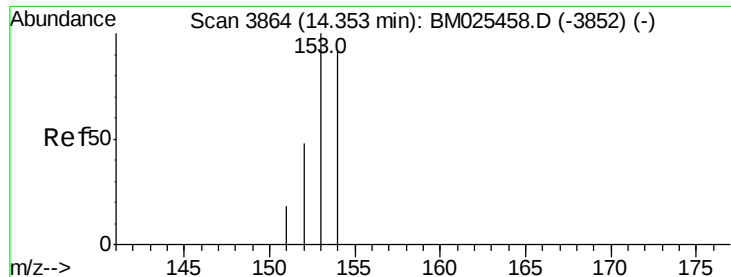
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

Instrument :

BNA_M

ClientSampled :

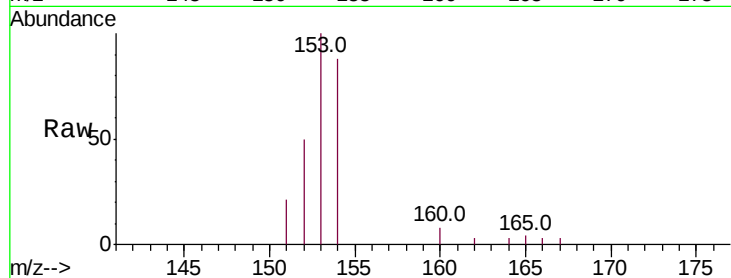
Tot Ion:153 Resp: 2711

Ion Ratio Lower Upper

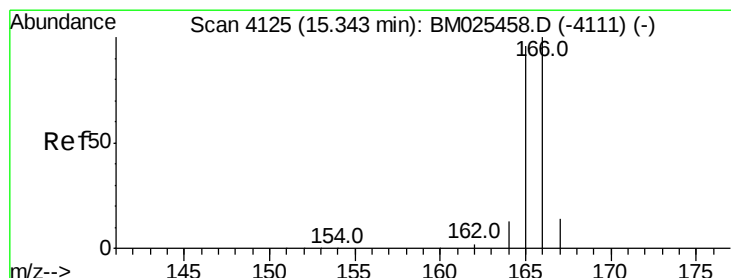
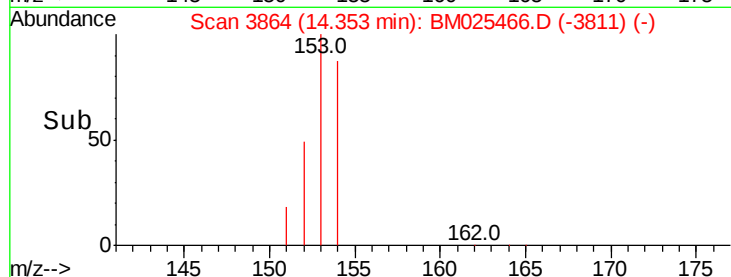
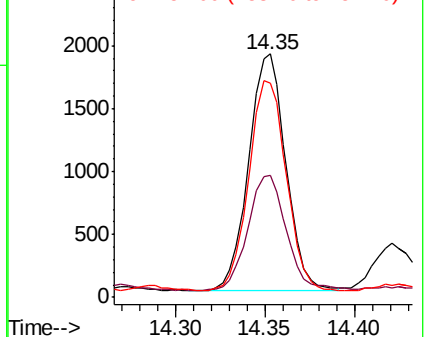
153 100

152 50.4 39.5 59.3

154 87.8 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: 0.169 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

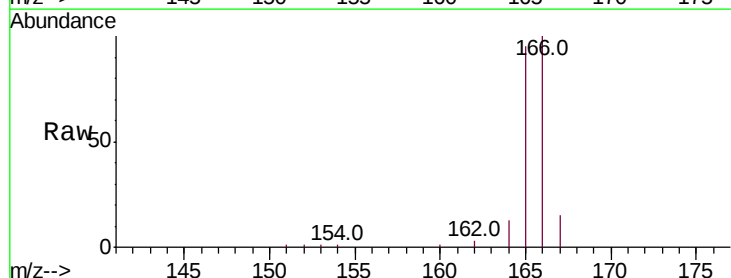
Tgt Ion:166 Resp: 8901

Ion Ratio Lower Upper

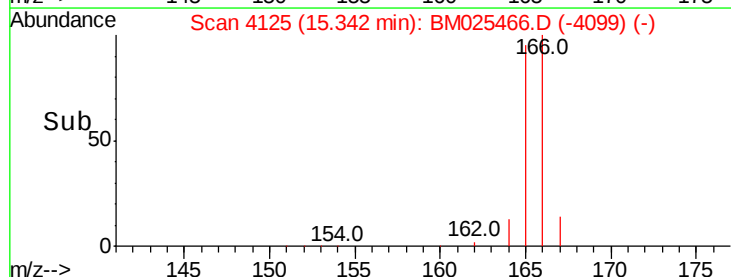
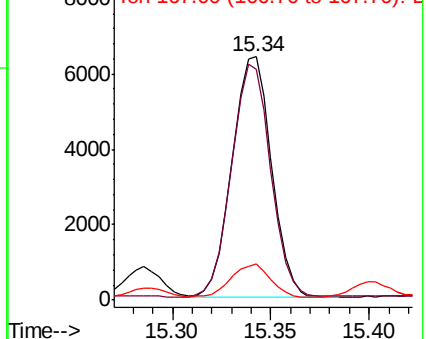
166 100

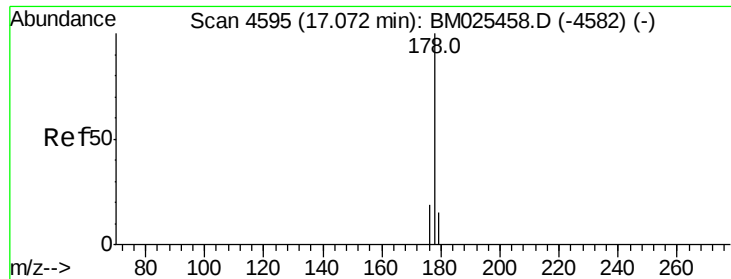
165 94.9 76.8 115.2

167 14.7 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: 0.898 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

Instrument :

BNA_M

ClientSampleId :

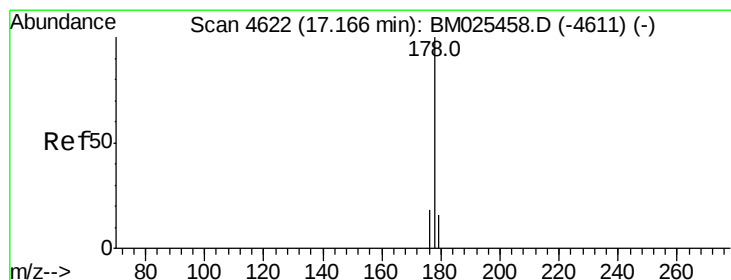
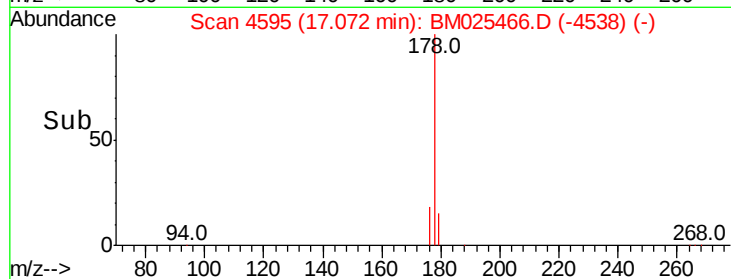
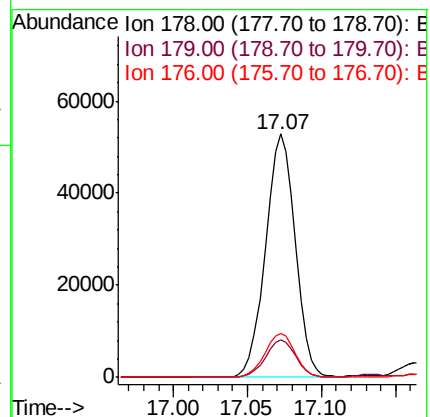
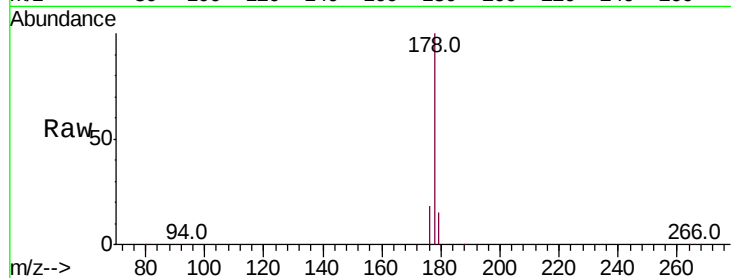
Tot Ion:178 Resp: 72786

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.3 14.8 22.2



#13

Anthracene

Concen: 0.064 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

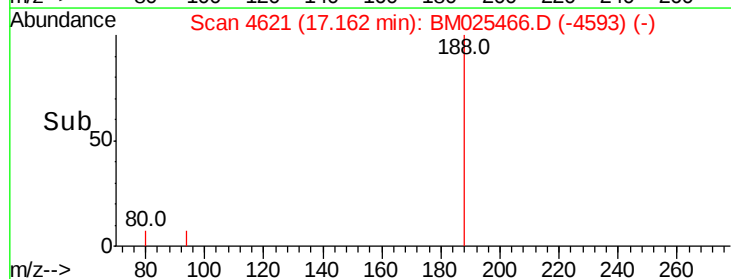
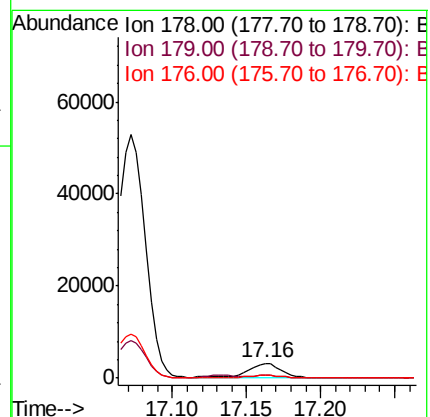
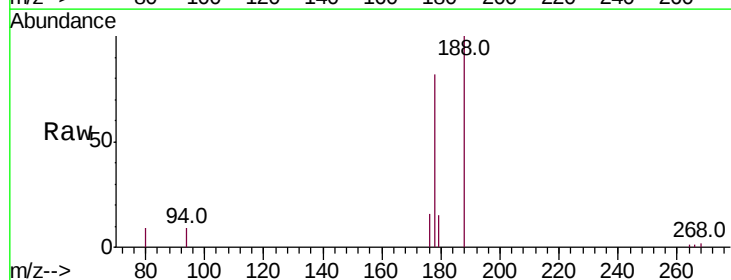
Tgt Ion:178 Resp: 4520

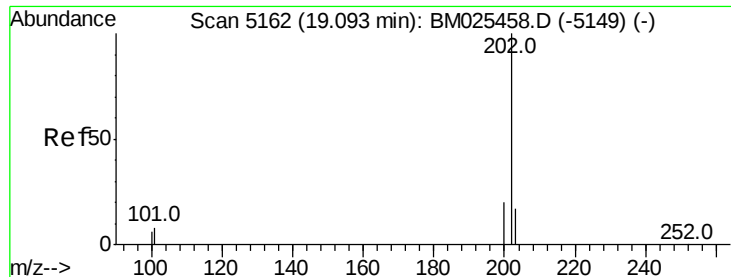
Ion Ratio Lower Upper

178 100

179 17.7 12.6 18.8

176 19.1 14.5 21.7





#15

Fluoranthene

Concen: 0.446 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

Instrument :

BNA_M

ClientSampleId :

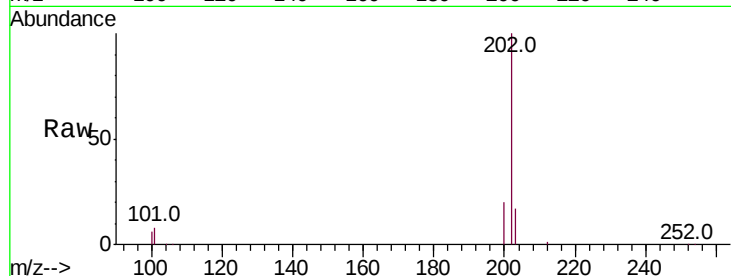
Tot Ion:202 Resp: 39176

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.5

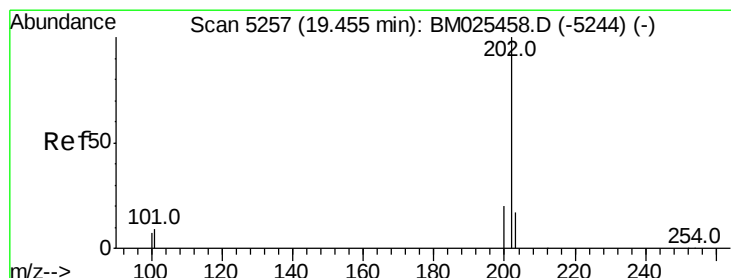
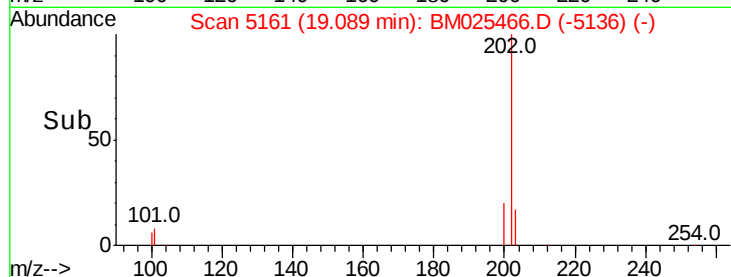
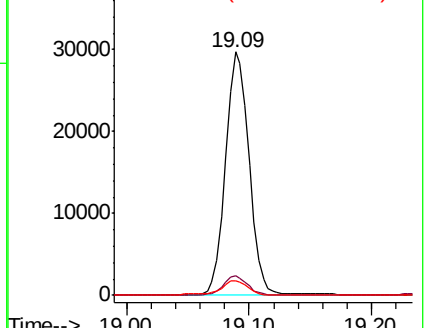
100 6.1 0.0 26.0



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

Pyrene

Concen: 0.339 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.00 min

Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

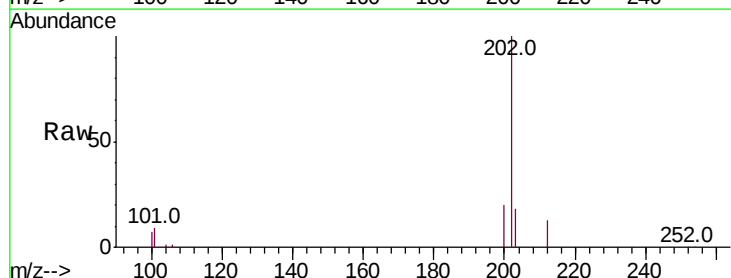
Tgt Ion:202 Resp: 27367

Ion Ratio Lower Upper

202 100

101 8.5 7.1 10.7

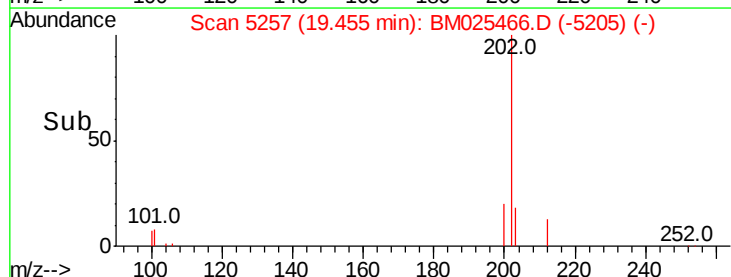
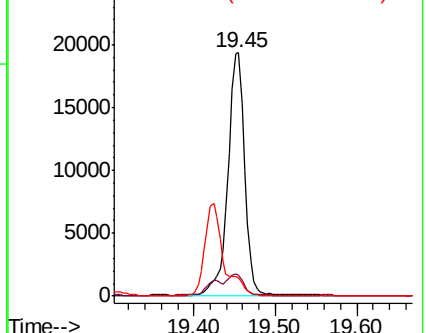
100 7.4 6.0 9.0

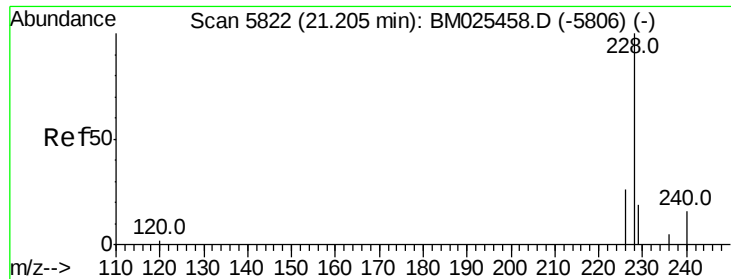


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

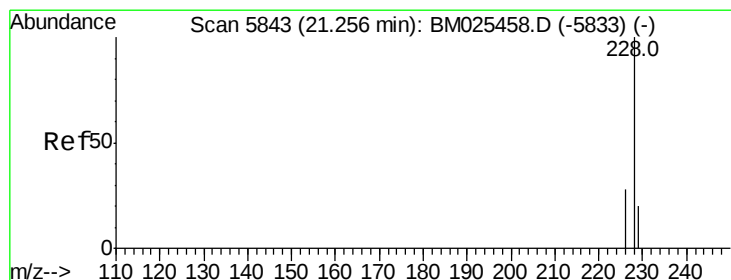
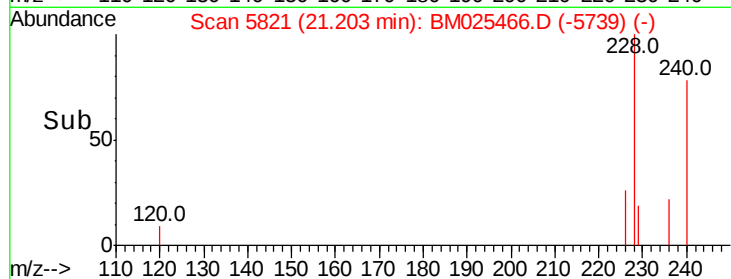
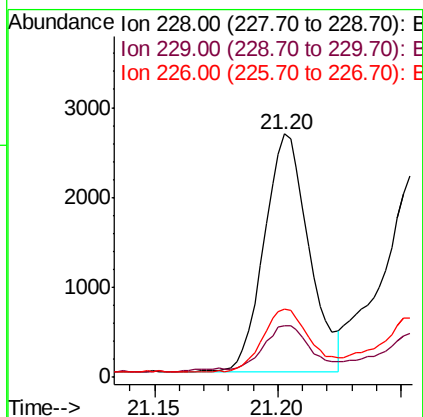
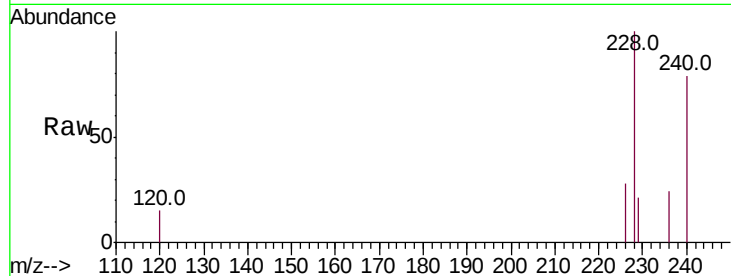




#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

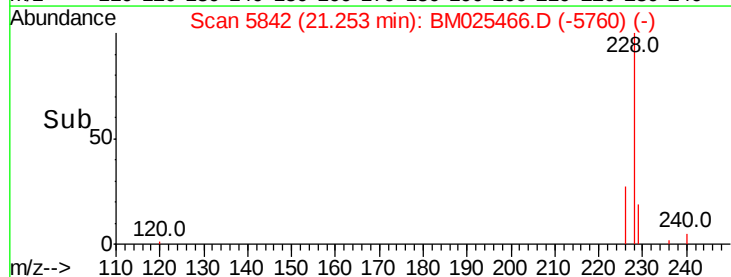
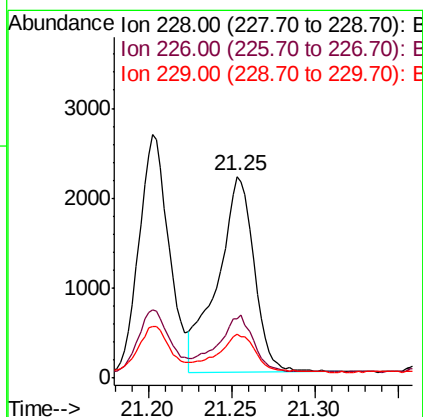
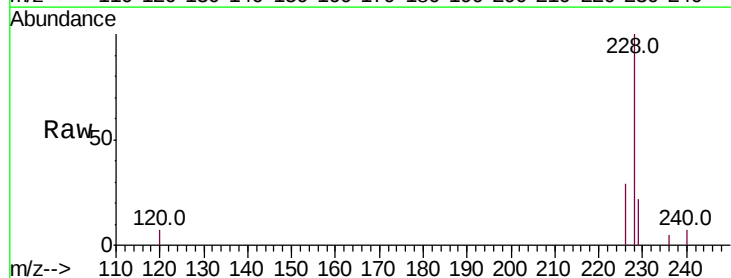
Instrument :
BNA_M
ClientSampleId :

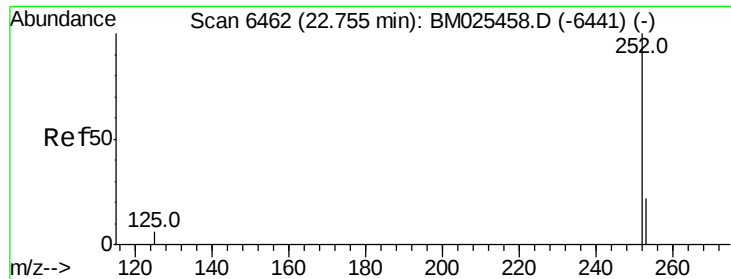
Tot Ion:228 Resp: 3340
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.2 21.1 31.7



#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:228 Resp: 3303
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 22.0 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.030 ng/ul m

RT: 22.76 min Scan# 6464

Delta R.T. 0.00 min

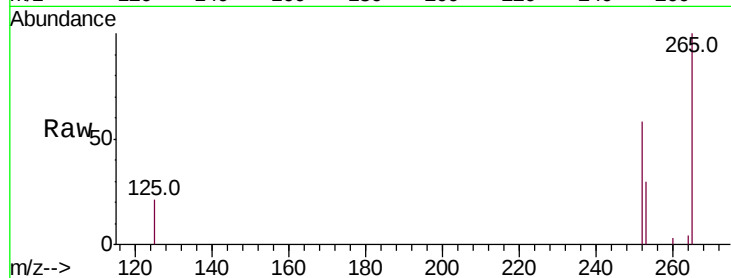
Lab File: BM025466.D

Acq: 10 Mar 2020 23:18

Instrument :

BNA_M

ClientSampleId :



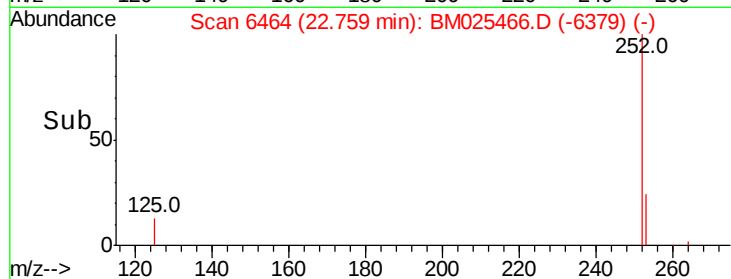
Tot Ion: 252 Resp: 2346

Ion Ratio Lower Upper

252 100

253 51.6 0.0 50.2#

125 35.8 0.0 17.6#



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

