

Data File : BM025161.D
Acq On : 29 Feb 2020 10:54
Operator : CG/JU
Sample : L1542-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD39

Quant Time: Mar 02 01:17:58 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 : Mon Mar 02 01:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6628	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.24	240	15604	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	17827	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7738	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	19901	0.00	ng/ul	0.00

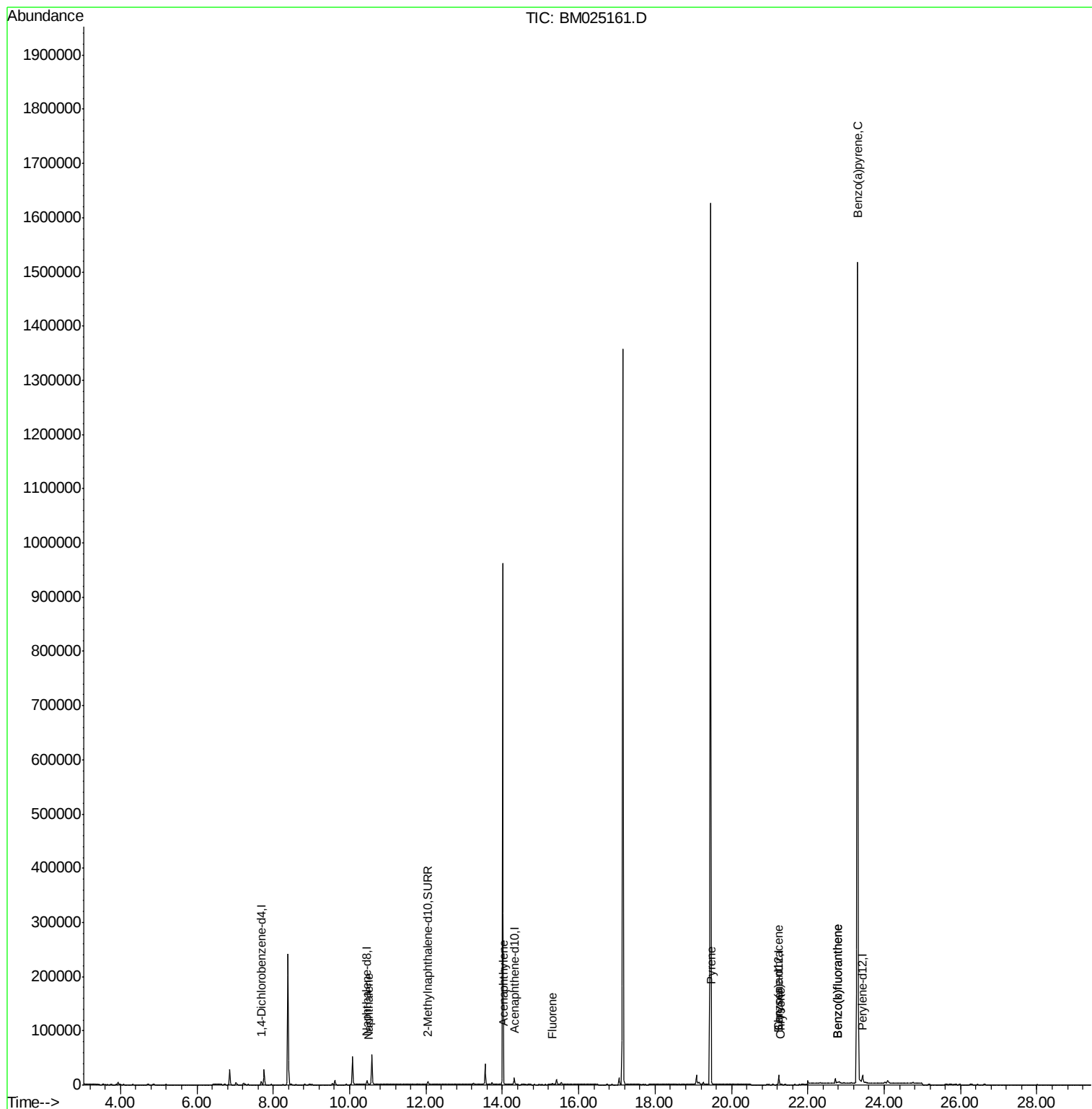
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	675	0.022	ng/ul#	69
7) Acenaphthylene	14.03	152	908	0.024	ng/ul#	71
9) Fluorene	15.31	166	2496	0.077	ng/ul#	18
17) Pyrene	19.47	202	3391	0.048	ng/ul#	86
18) Benzo(a)anthracene	21.22	228	1418	0.021	ng/ul#	82
19) Chrysene	21.27	228	1948	0.029	ng/ul#	89
21) Benzo(b)fluoranthene	22.78	252	2924	0.042	ng/ul#	34
22) Benzo(k)fluoranthene	22.78	252	2909	0.042	ng/ul#	31
23) Benzo(a)pyrene	23.30	252	7068	0.111	ng/ul#	79

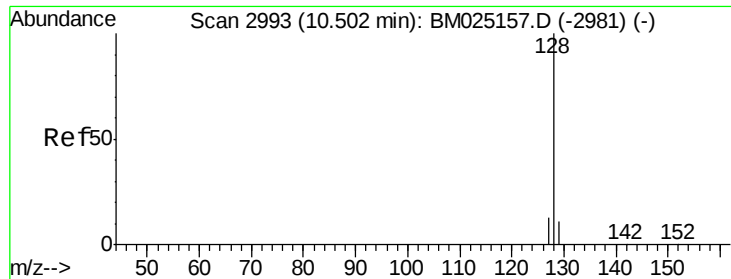
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.50 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

Instrument :

BNA_M

ClientSampleId :

DBD39

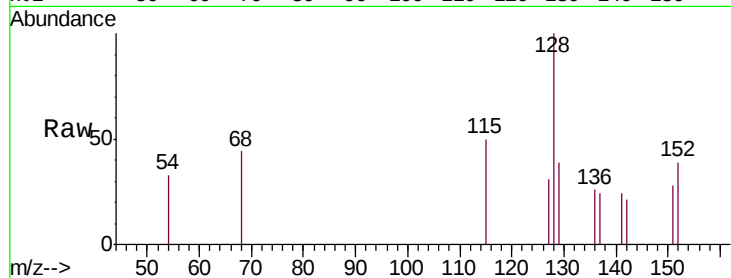
Tgt Ion:128 Resp: 675

Ion Ratio Lower Upper

128 100

129 38.7 17.0 25.6#

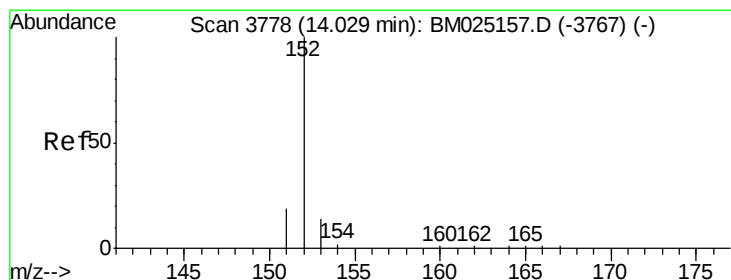
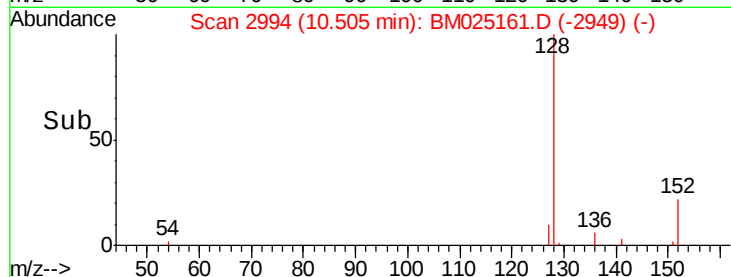
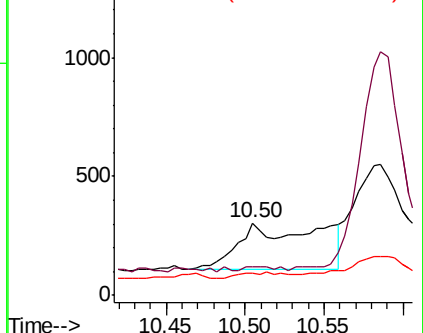
127 30.8 15.7 23.5#



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



#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.03 min Scan# 3780

Delta R.T. 0.01 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

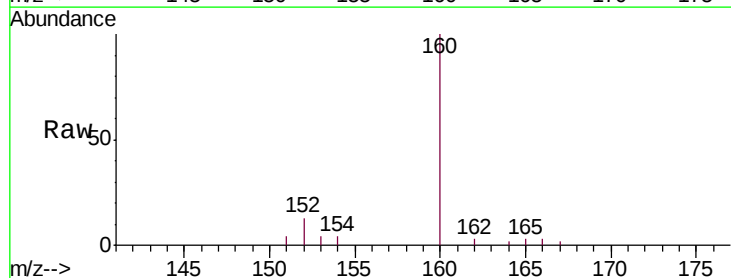
Tgt Ion:152 Resp: 908

Ion Ratio Lower Upper

152 100

151 33.9 17.8 26.8#

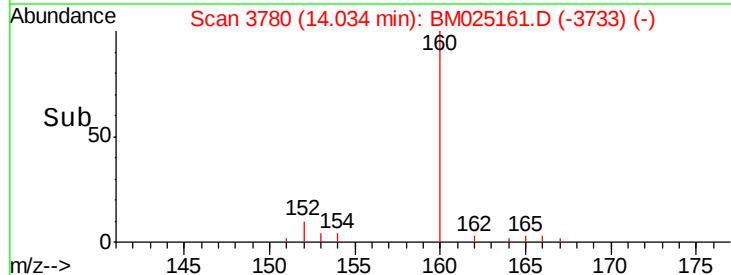
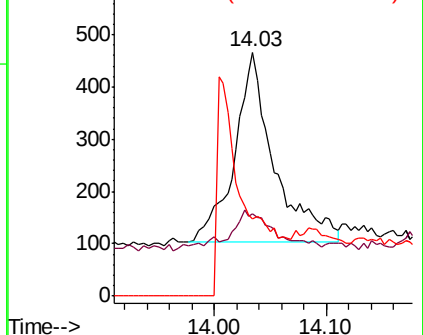
153 31.5 13.3 19.9#

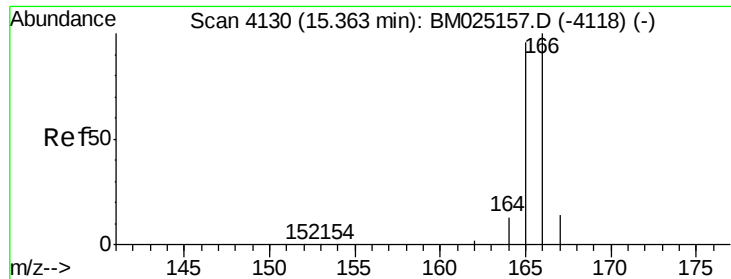


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

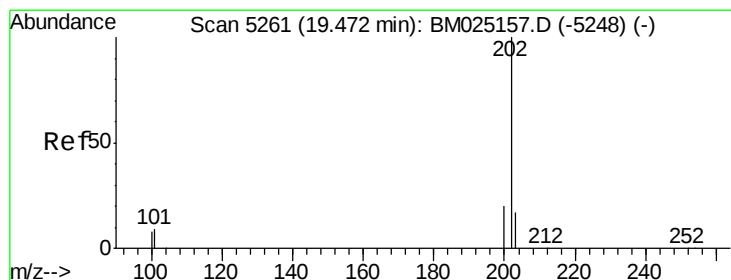
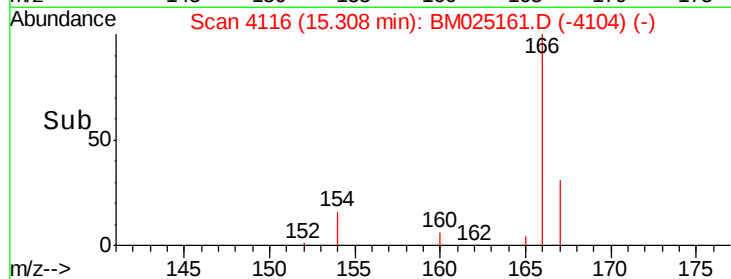
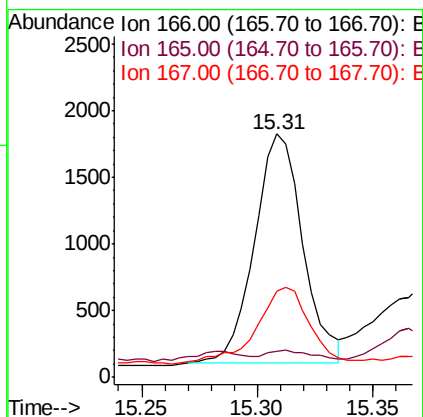
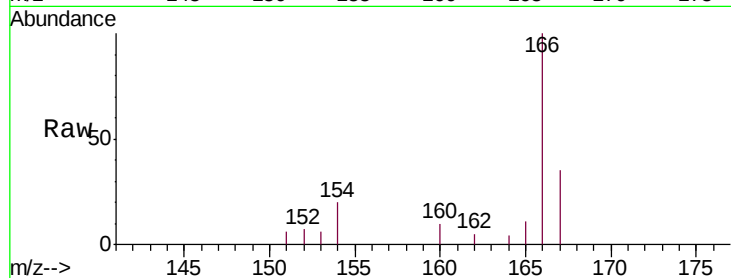




#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.31 min Scan# 4116
 Delta R.T. -0.06 min
 Lab File: BM025161.D
 Acq: 29 Feb 2020 10:54

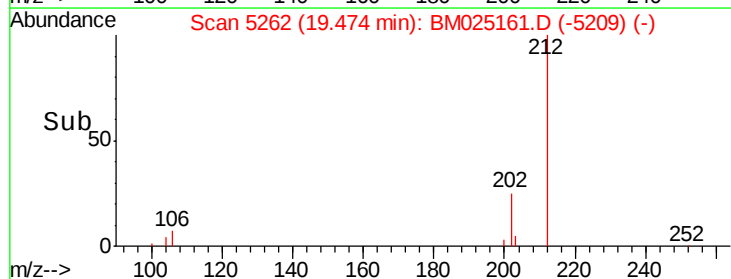
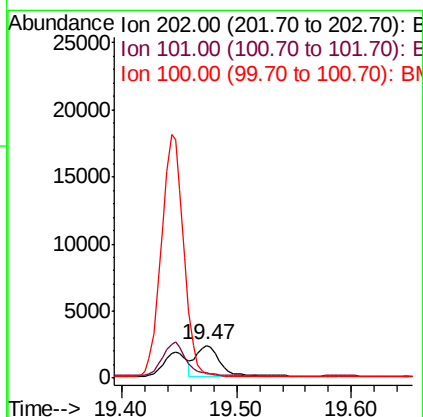
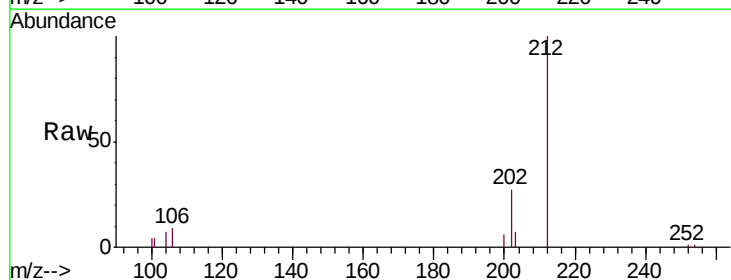
Instrument :
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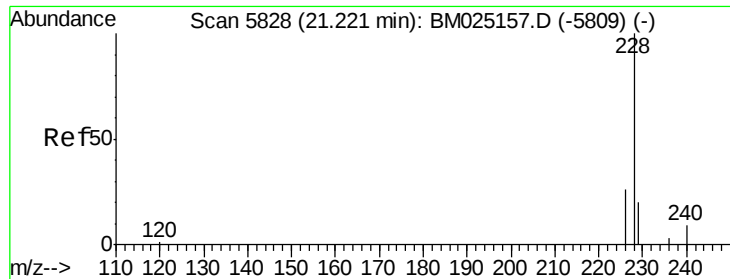
Tgt Ion:166 Resp: 2496
 Ion Ratio Lower Upper
 166 100
 165 10.6 80.0 120.0#
 167 35.2 13.7 20.5#



#17
Pyrene
 Concen: 0.048 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. 0.00 min
 Lab File: BM025161.D
 Acq: 29 Feb 2020 10:54

Tgt Ion:202 Resp: 3391
 Ion Ratio Lower Upper
 202 100
 101 15.9 8.7 13.1#
 100 14.7 7.3 10.9#





#18

Benzo(a)anthracene

Concen: 0.021 ng/u1

RT: 21.22 min Scan# 5828

Delta R.T. -0.00 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

Instrument :

BNA_M

ClientSampleId :

DBD39

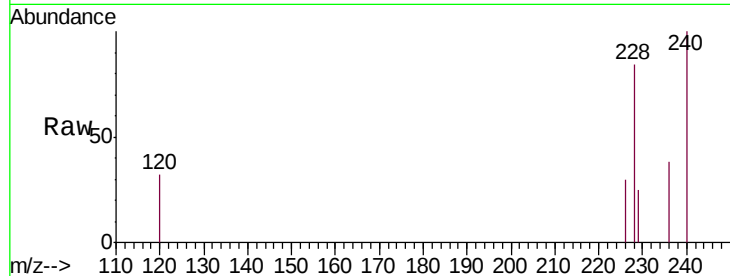
Tgt Ion:228 Resp: 1418

Ion Ratio Lower Upper

228 100

229 30.0 16.6 25.0#

226 35.7 21.9 32.9#

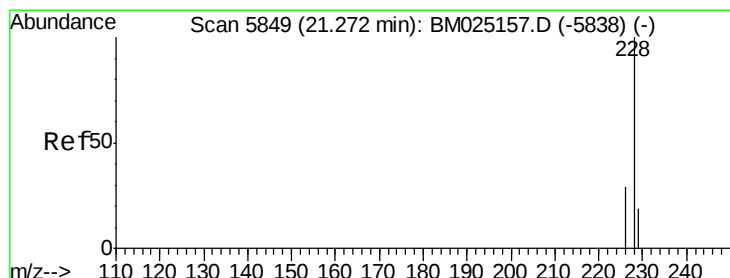
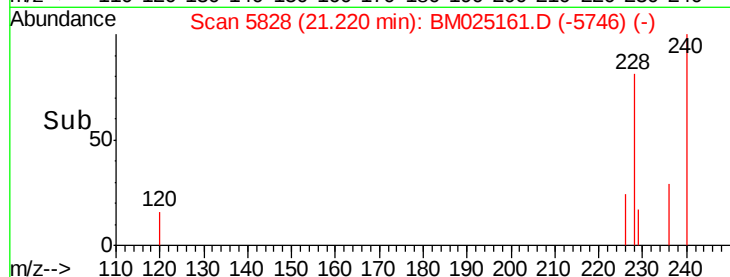
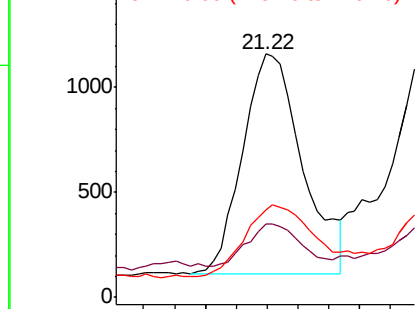


Abundance

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: 0.029 ng/u1

RT: 21.27 min Scan# 5850

Delta R.T. 0.00 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

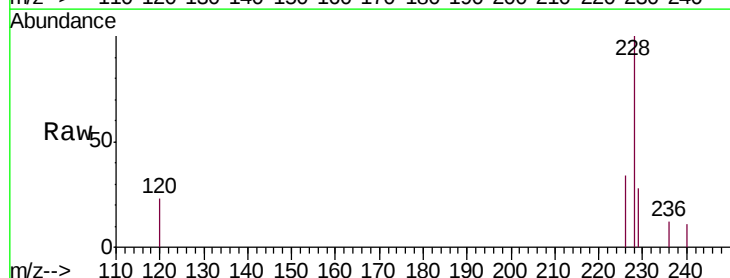
Tgt Ion:228 Resp: 1948

Ion Ratio Lower Upper

228 100

226 34.1 23.8 35.8

229 27.9 16.9 25.3#

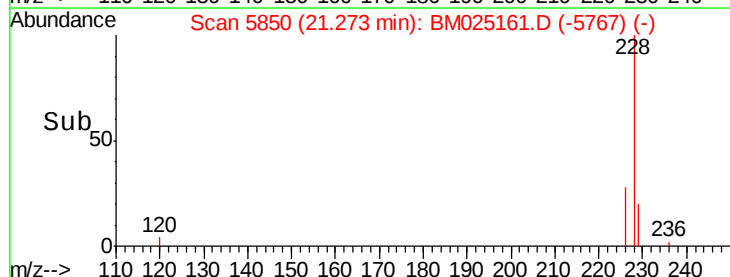
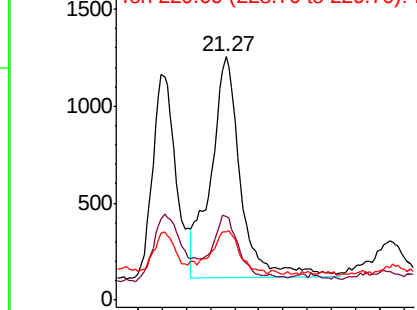


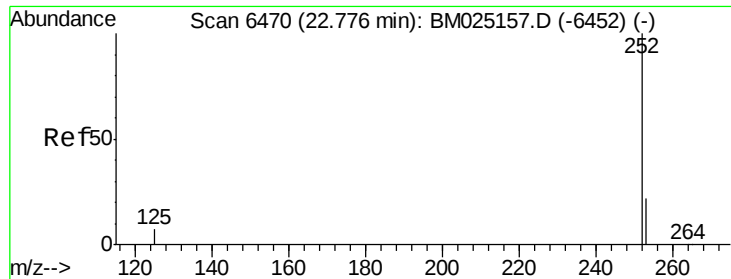
Abundance

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

Benzo(b)fluoranthene

Concen: 0.042 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. 0.00 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

Instrument :

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ClientSampleId :

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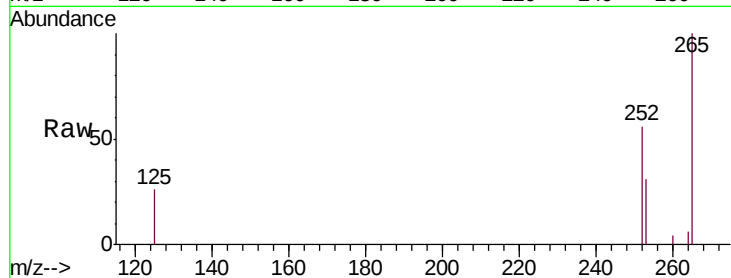
Tgt Ion:252 Resp: 2924

Ion Ratio Lower Upper

252 100

253 54.7 0.0 49.8#

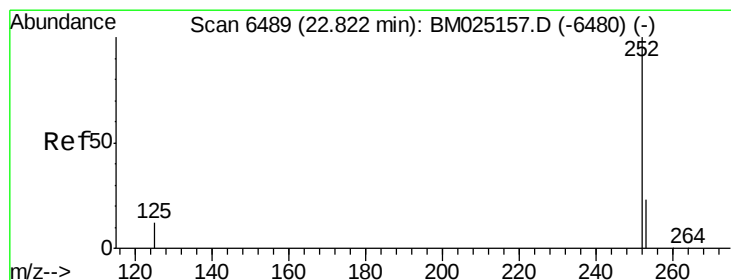
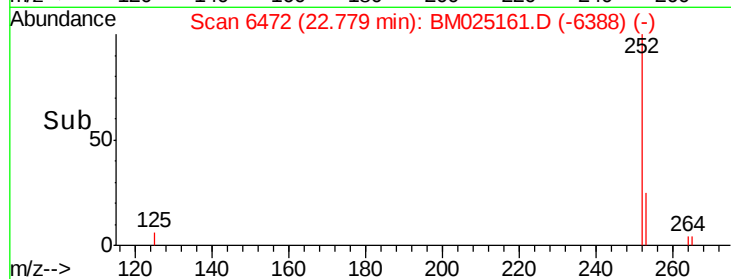
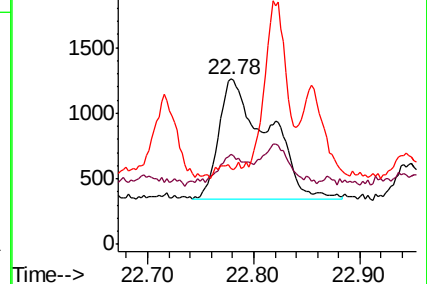
125 46.2 0.0 28.6#



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



#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.04 min

Lab File: BM025161.D

Acq: 29 Feb 2020 10:54

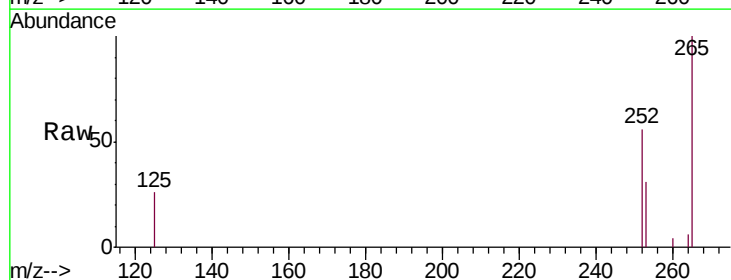
Tgt Ion:252 Resp: 2909

Ion Ratio Lower Upper

252 100

253 54.7 19.4 29.0#

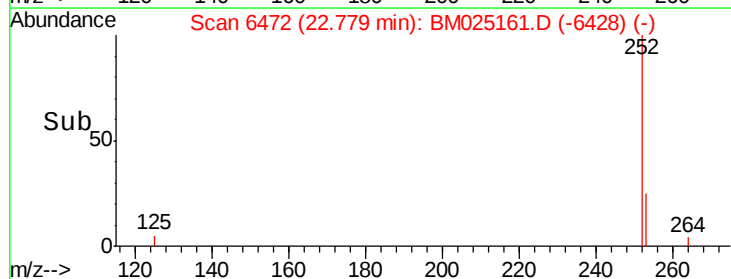
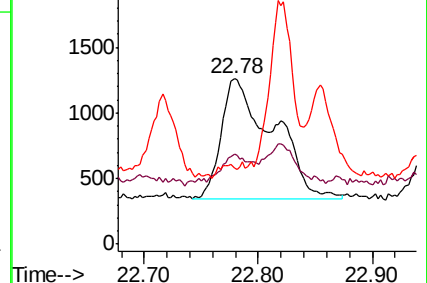
125 46.2 10.7 16.1#

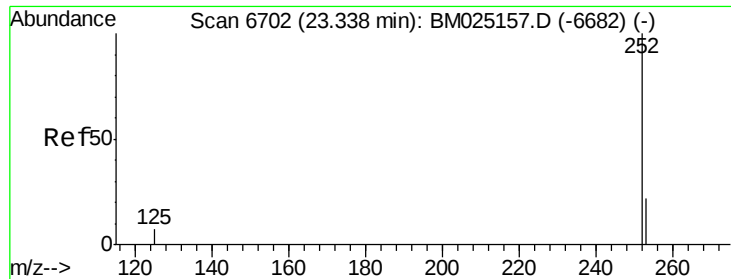


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.30 min Scan# 6686

Delta R.T. -0.04 min

Lab File: BM025161.D

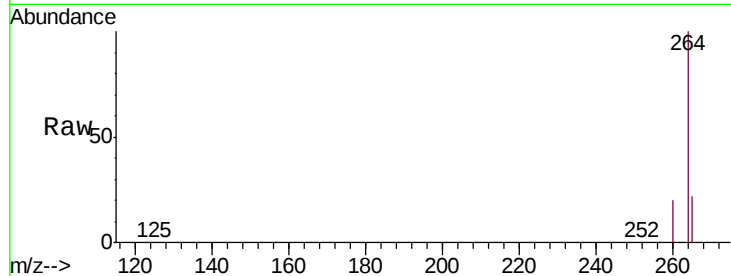
Acq: 29 Feb 2020 10:54

Instrument :

BNA_M

ClientSampleId :

DBD39



Tgt Ion: 252 Resp: 7068

Ion Ratio Lower Upper

252 100

253 35.2 20.3 30.5#

125 26.7 13.0 19.4#

