

Data File : BM025154.D
Acq On : 29 Feb 2020 04:21
Operator : CG/JU
Sample : L1506-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCY4

Quant Time: Mar 02 00:39:40 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 00:36:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2785	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10688	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15007	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	15328	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	16749	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	4209	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	11295	0.22	ng/ul	0.00

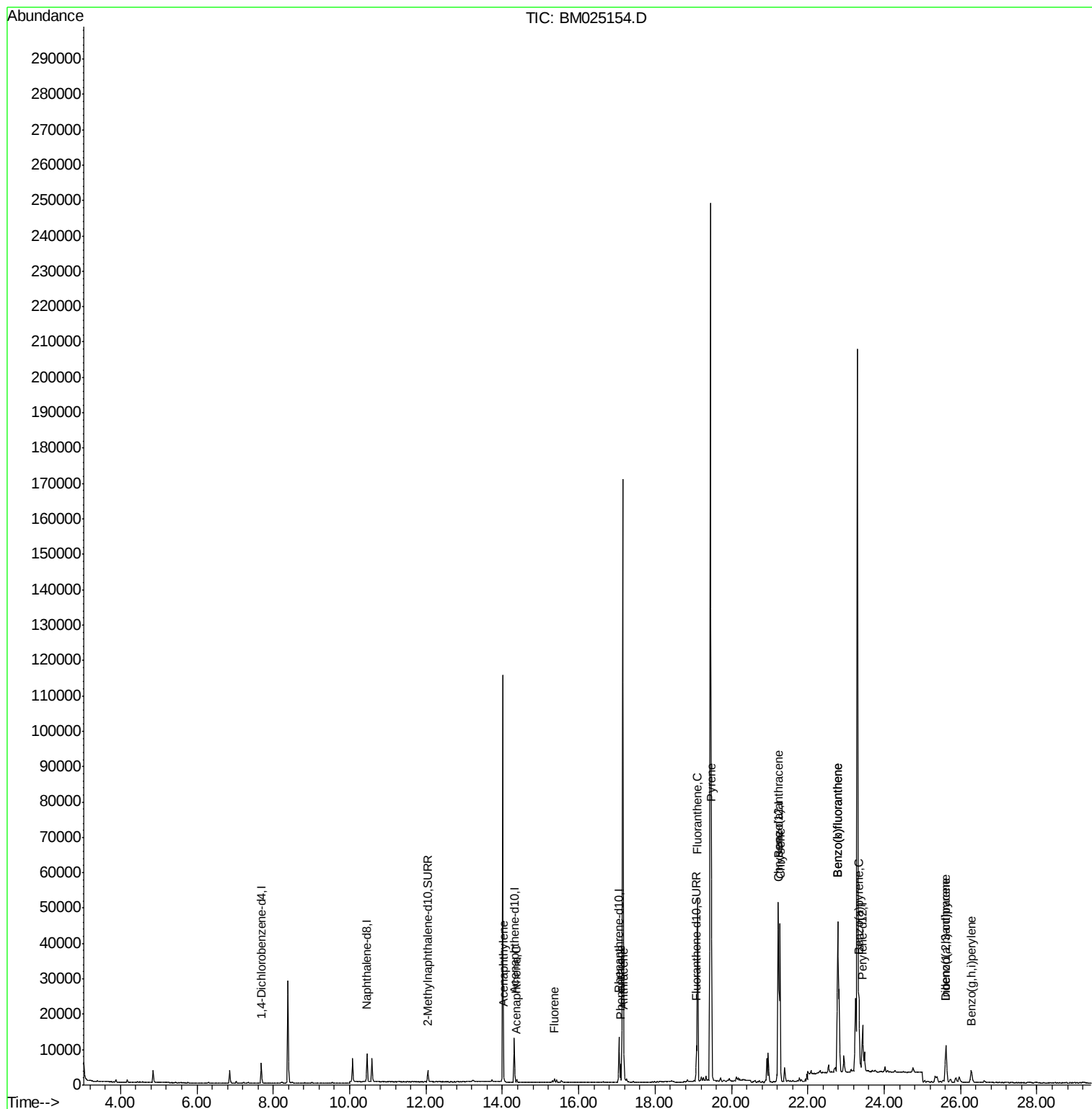
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.03	152	2144	0.056	ng/ul	97
8) Acenaphthene	14.38	153	581	0.023	ng/ul	93
9) Fluorene	15.36	166	770	0.024	ng/ul#	97
12) Phenanthrene	17.10	178	5477	0.104	ng/ul	99
13) Anthracene	17.19	178	6959	0.136	ng/ul	98
15) Fluoranthene	19.11	202	45450	0.593	ng/ul	96
17) Pyrene	19.47	202	57515	0.833	ng/ul	96
18) Benzo(a)anthracene	21.22	228	38760	0.586	ng/ul	100
19) Chrysene	21.27	228	49844	0.756	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	93962	1.431	ng/ul	92
22) Benzo(k)fluoranthene	22.78	252	94001	1.445	ng/ul#	94
23) Benzo(a)pyrene	23.34	252	25983	0.433	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.62	276	15918	0.212	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.62	278	4514	0.072	ng/ul#	77
26) Benzo(g,h,i)perylene	26.28	276	7267	0.115	ng/ul	97

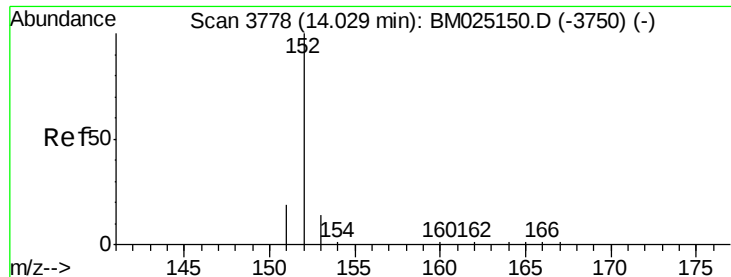
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 00:36:45 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.03 min Scan# 3779

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

Instrument :

BNA_M

ClientSampleId :

DBCY4

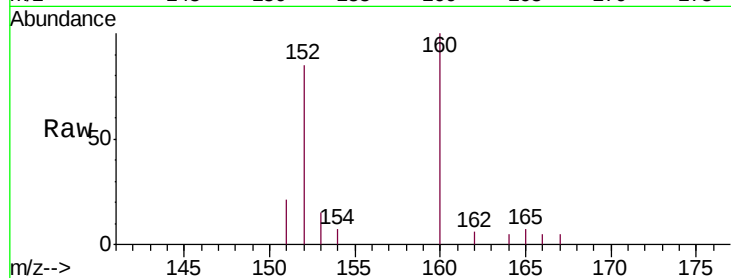
Tgt Ion:152 Resp: 2144

Ion Ratio Lower Upper

152 100

151 24.6 17.8 26.8

153 17.3 13.3 19.9

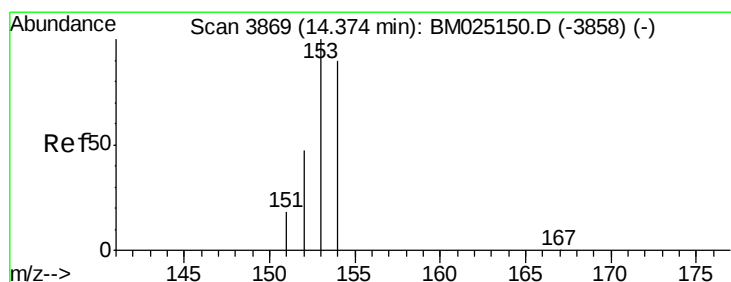
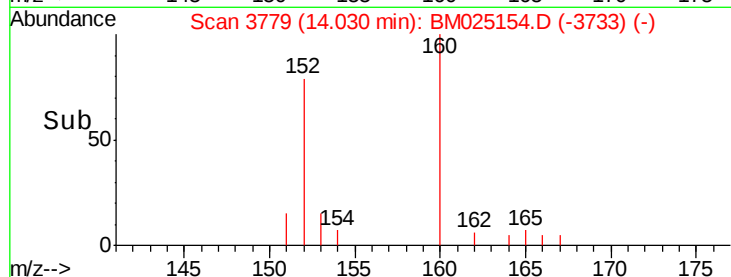
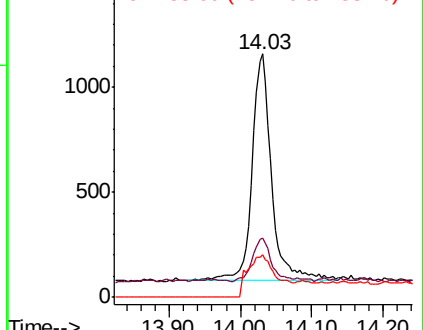


Abundance

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



#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.38 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

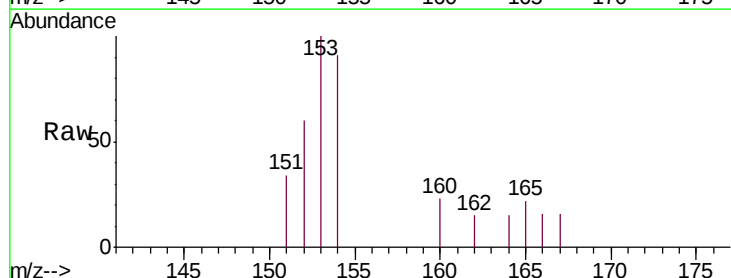
Tgt Ion:153 Resp: 581

Ion Ratio Lower Upper

153 100

152 59.6 40.0 60.0

154 91.5 71.0 106.6

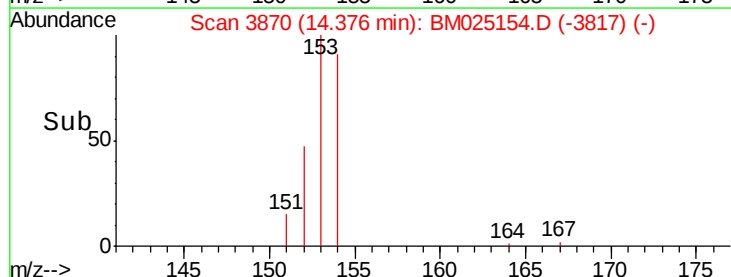
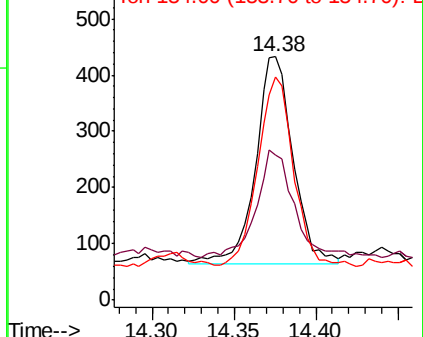


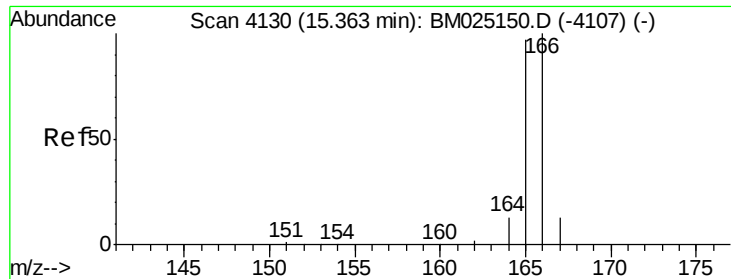
Abundance

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





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.36 min Scan# 4130

Delta R.T. -0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

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DBCY4

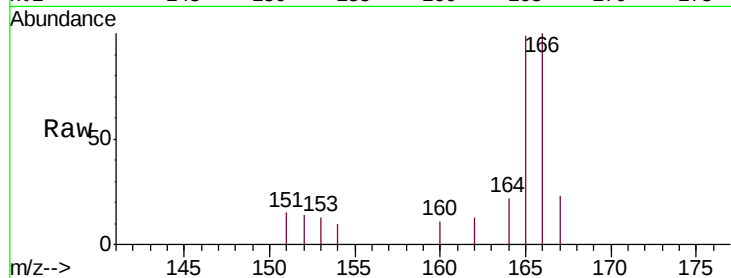
Tgt Ion:166 Resp: 770

Ion Ratio Lower Upper

166 100

165 98.5 80.0 120.0

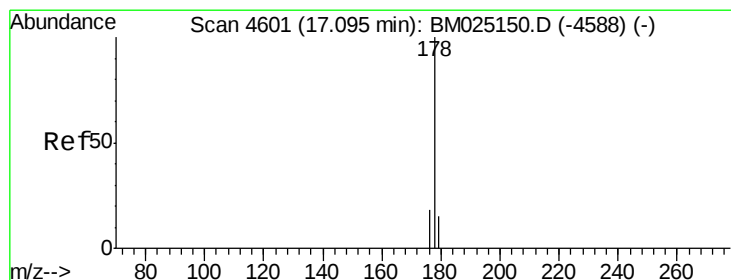
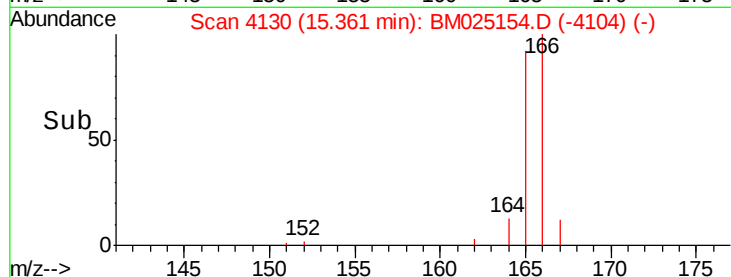
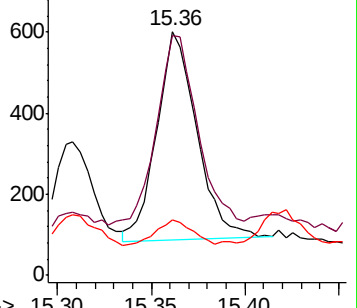
167 22.8 13.7 20.5#



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: 0.104 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

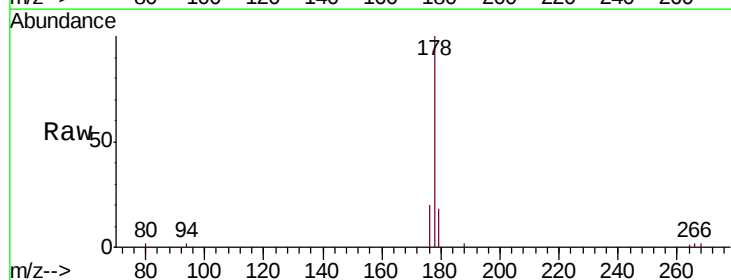
Tgt Ion:178 Resp: 5477

Ion Ratio Lower Upper

178 100

179 17.8 14.0 21.0

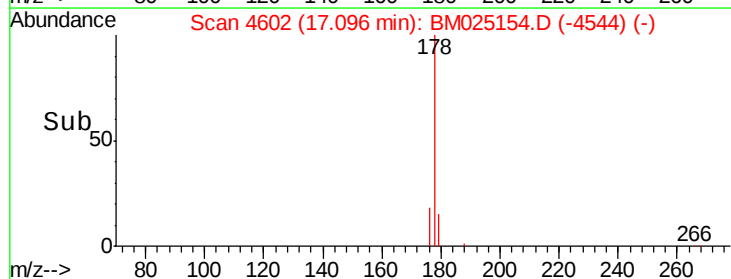
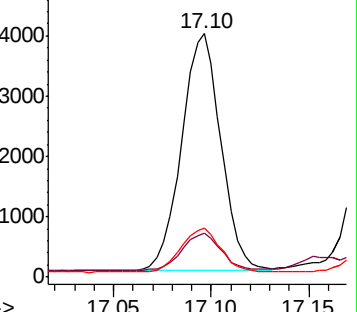
176 19.9 16.6 24.8

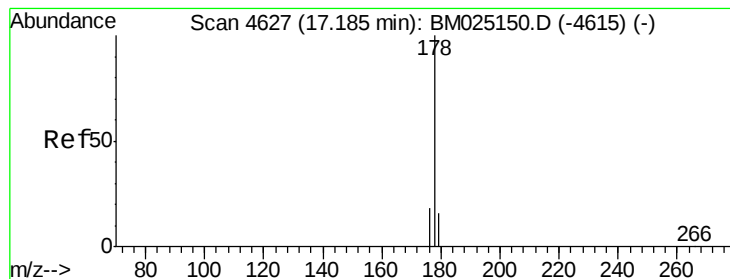


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.136 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

Instrument :

BNA_M

ClientSampleId :

DBCY4

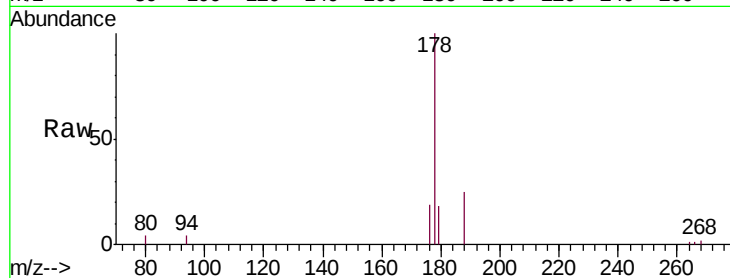
Tgt Ion:178 Resp: 6959

Ion Ratio Lower Upper

178 100

179 18.0 14.1 21.1

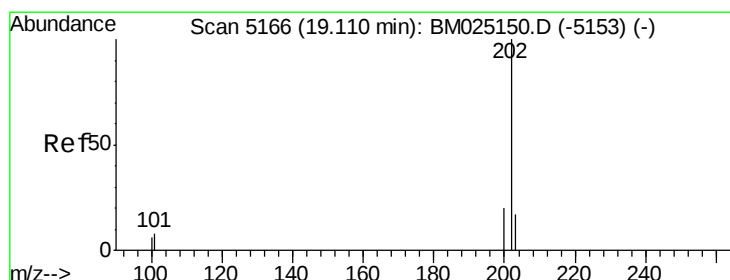
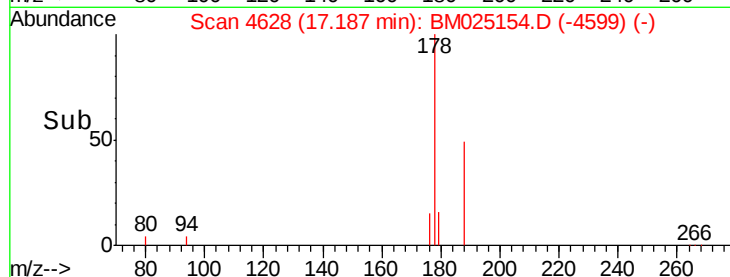
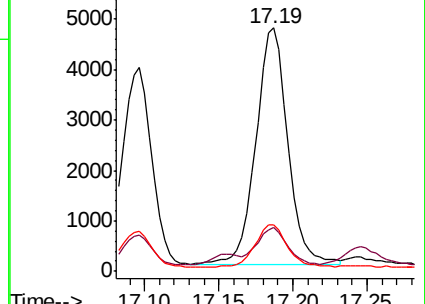
176 18.8 16.2 24.4



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: 0.593 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

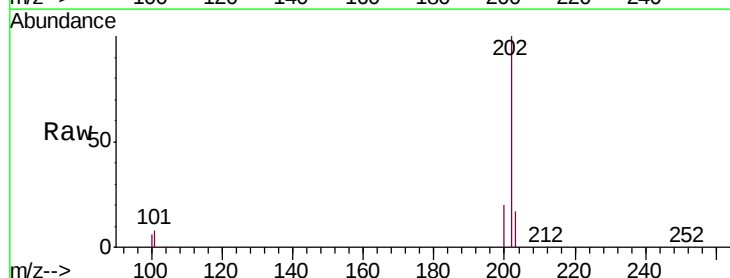
Tgt Ion:202 Resp: 45450

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.4

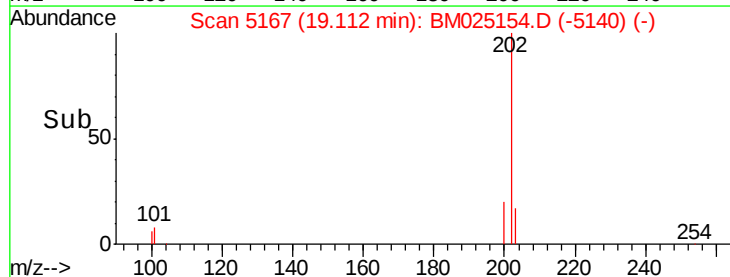
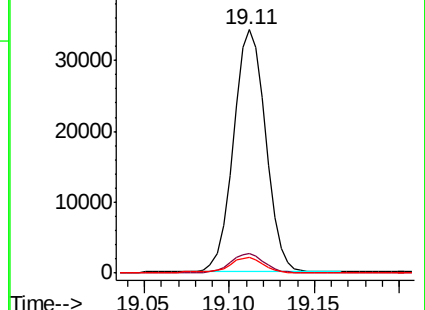
100 6.3 0.0 28.0

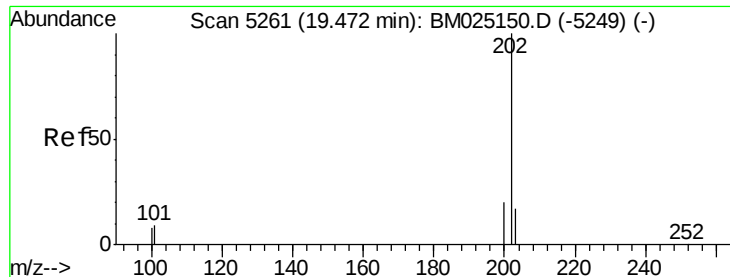


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

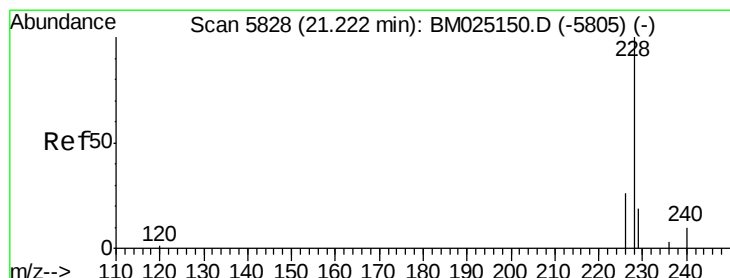
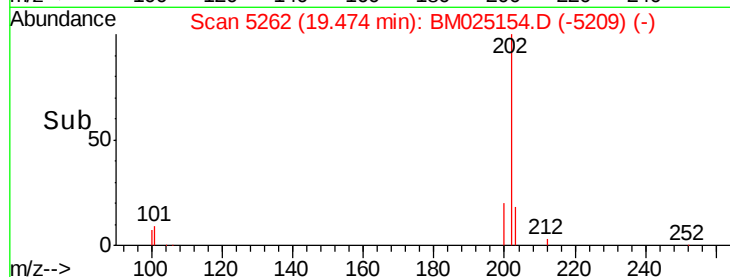
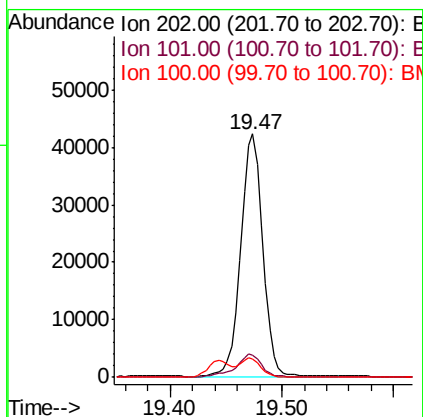
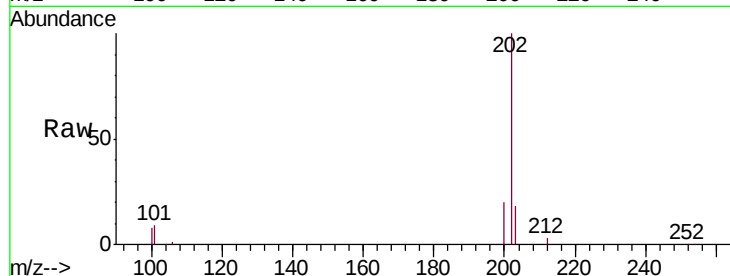




#17
 Pyrene
 Concen: 0.833 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. 0.00 min
 Lab File: BM025154.D
 Acq: 29 Feb 2020 04:21

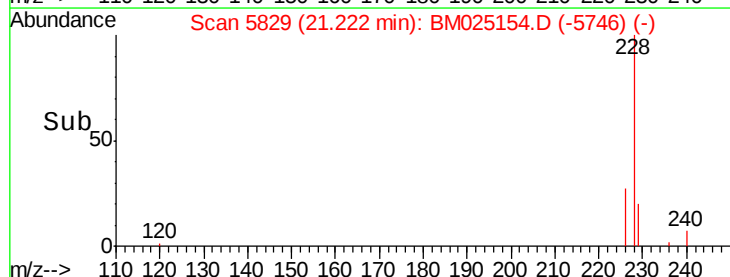
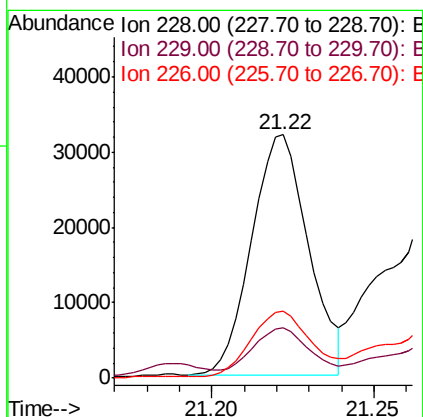
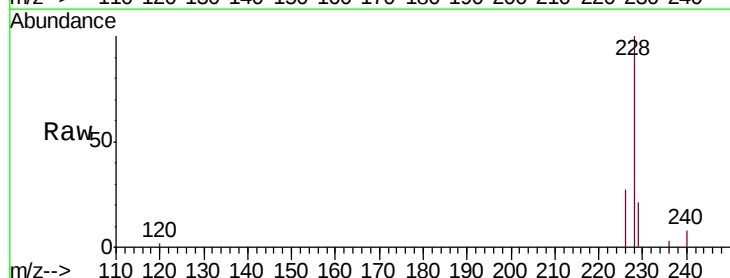
Instrument :
 BNA_M
 ClientSampleId :
 DBCY4

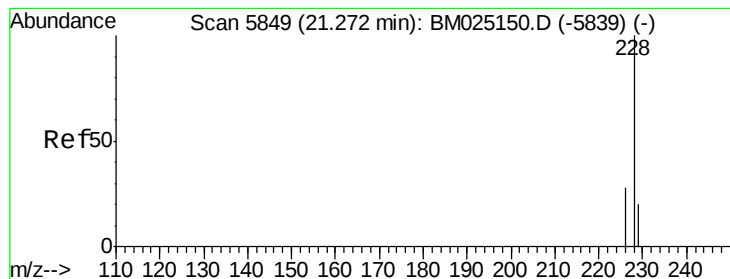
Tgt Ion:202 Resp: 57515
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.7 13.1
 100 7.6 7.3 10.9



#18
 Benzo(a)anthracene
 Concen: 0.586 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. 0.00 min
 Lab File: BM025154.D
 Acq: 29 Feb 2020 04:21

Tgt Ion:228 Resp: 38760
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.6 25.0
 226 27.4 21.9 32.9





#19

Chrysene

Concen: 0.756 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

Instrument :

BNA_M

ClientSampleId :

DBCY4

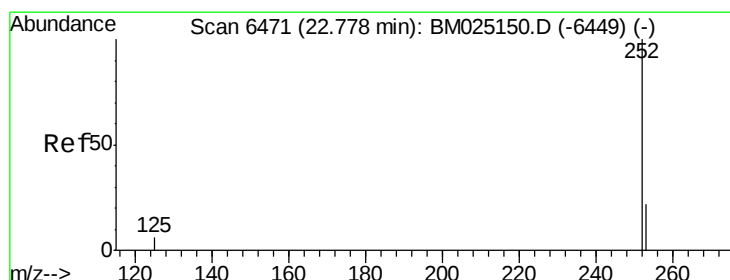
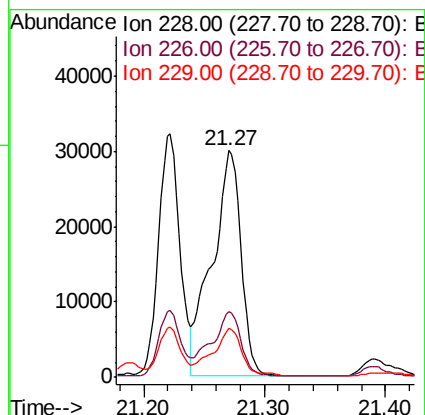
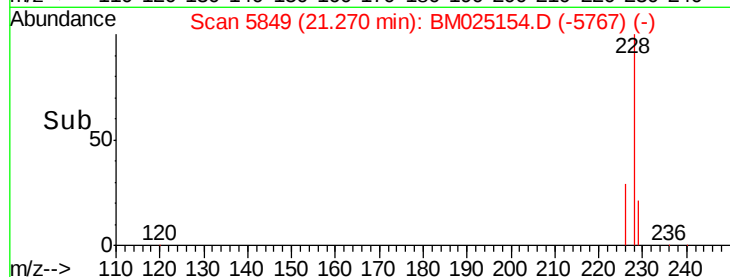
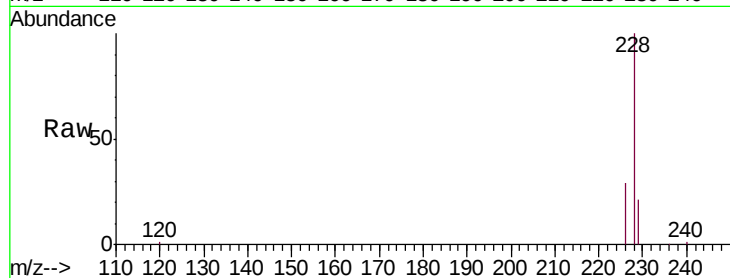
Tgt Ion:228 Resp: 49844

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

229 21.4 16.9 25.3



#21

Benzo(b)fluoranthene

Concen: 1.431 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

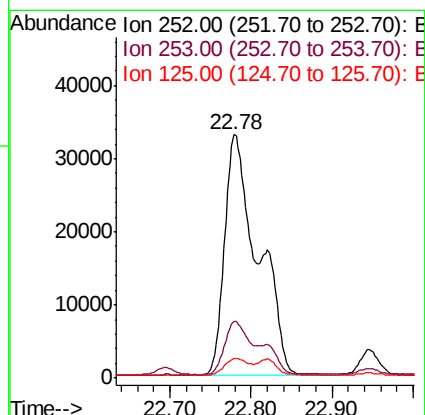
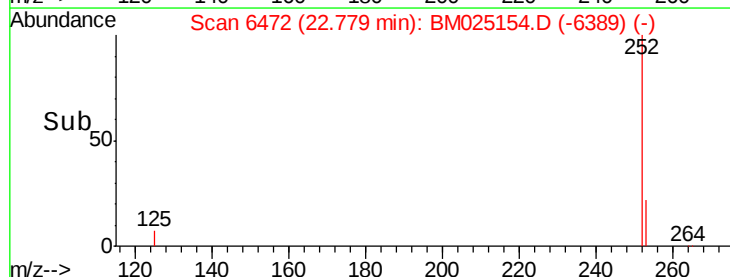
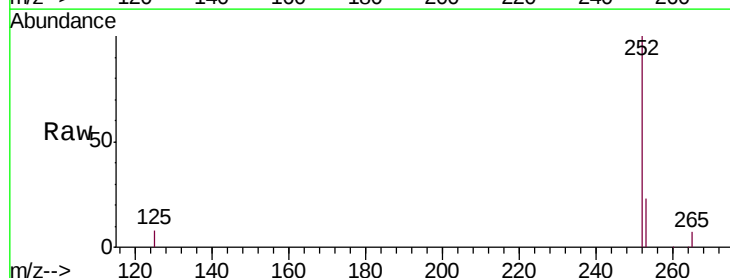
Tgt Ion:252 Resp: 93962

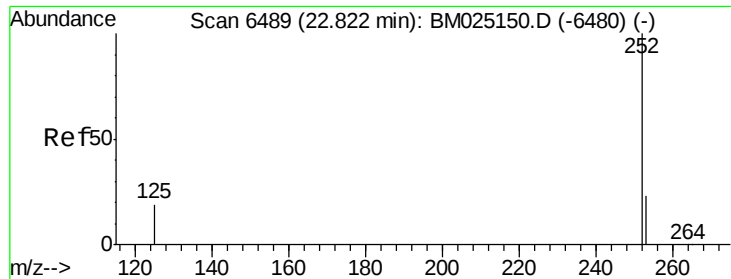
Ion Ratio Lower Upper

252 100

253 23.3 0.0 49.8

125 8.0 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 1.445 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.04 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

Instrument :

BNA_M

ClientSampleId :

DBCY4

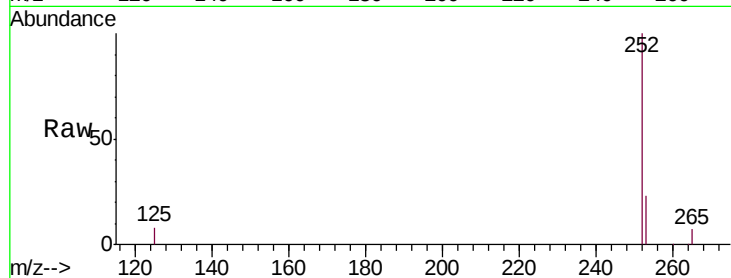
Tgt Ion:252 Resp: 94001

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.0

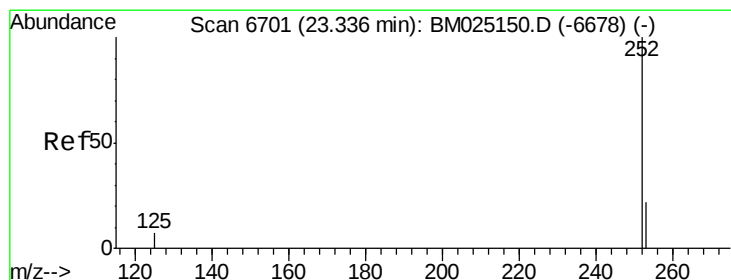
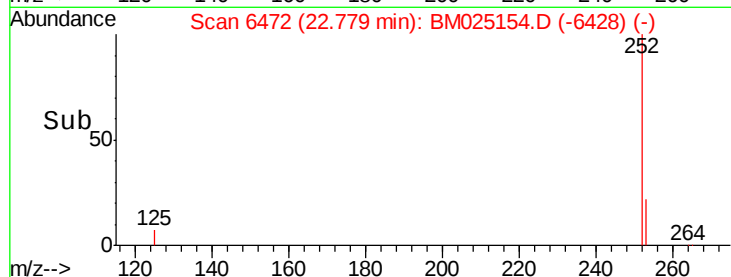
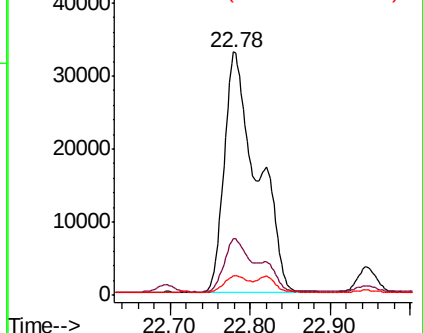
125 8.0 10.7 16.1#



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: 0.433 ng/ul

RT: 23.34 min Scan# 6702

Delta R.T. 0.00 min

Lab File: BM025154.D

Acq: 29 Feb 2020 04:21

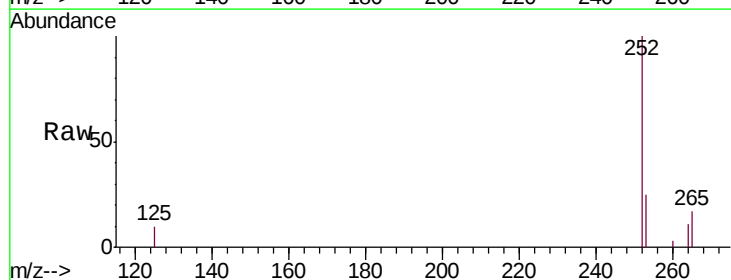
Tgt Ion:252 Resp: 25983

Ion Ratio Lower Upper

252 100

253 24.6 20.3 30.5

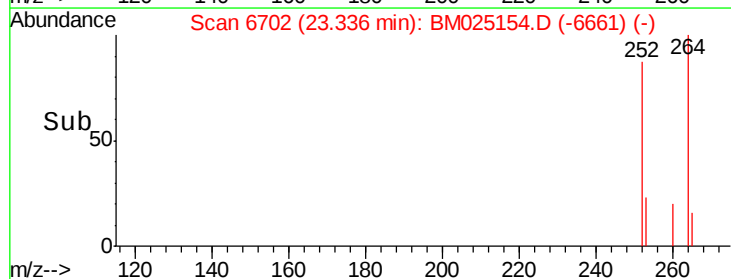
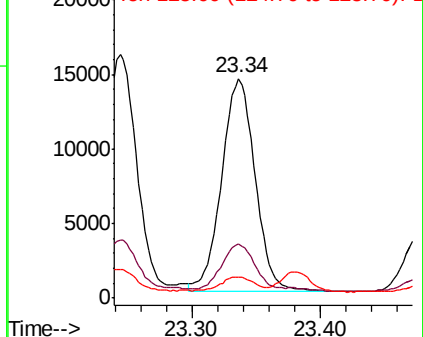
125 9.7 13.0 19.4#

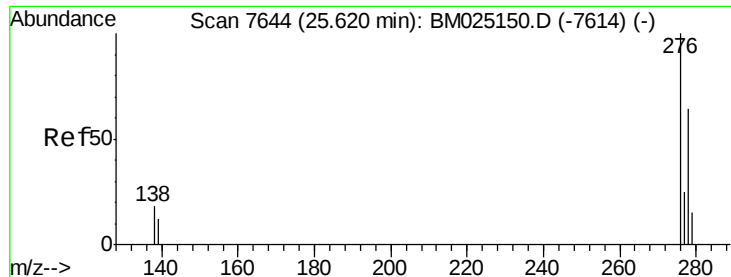


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



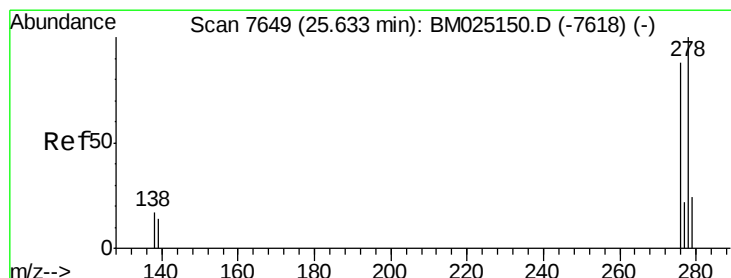
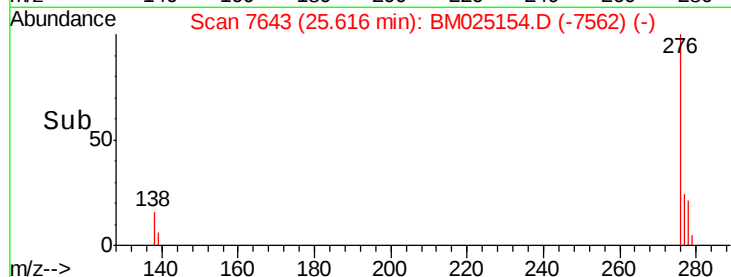
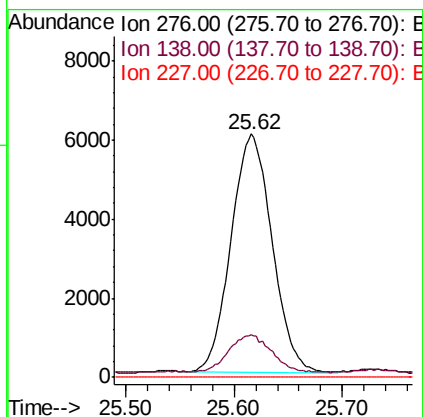
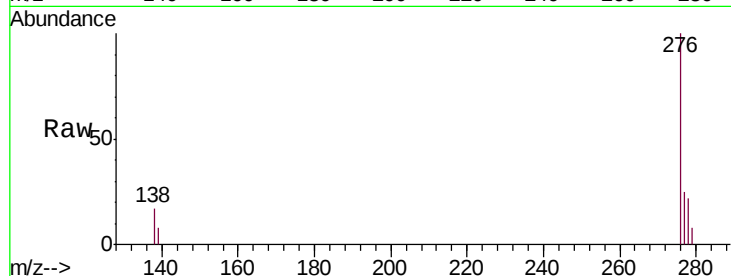


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng/u1
RT: 25.62 min Scan# 7643
Delta R.T. -0.00 min
Lab File: BM025154.D
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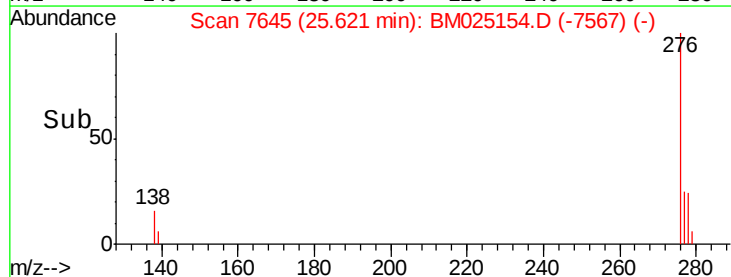
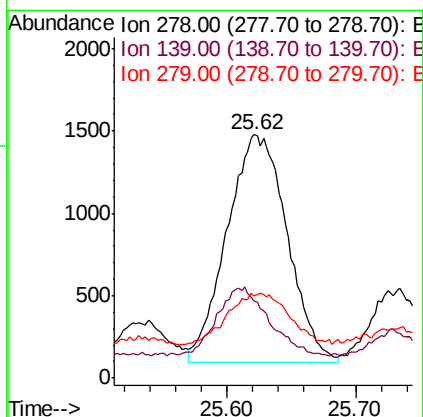
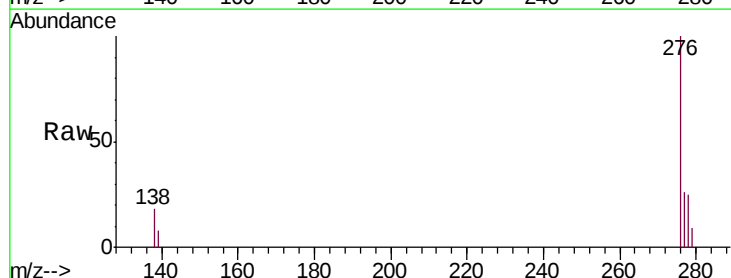
Tgt Ion:276 Resp: 15918
Ion Ratio Lower Upper
276 100
138 16.3 0.0 0.0#
227 0.0 0.0 0.0

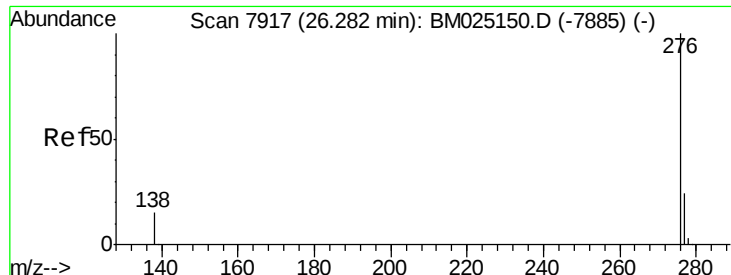


#25

Dibenzo(a,h)anthracene
Concen: 0.072 ng/u1
RT: 25.62 min Scan# 7645
Delta R.T. -0.01 min
Lab File: BM025154.D
Acq: 29 Feb 2020 04:21

Tgt Ion:278 Resp: 4514
Ion Ratio Lower Upper
278 100
139 31.7 13.2 19.8#
279 34.0 21.0 31.4#





#26

Benzo(g,h,i)perylene

Concen: 0.115 ng/ul

RT: 26.28 min Scan# 7917

Delta R.T. -0.00 min

Lab File: BM025154.D

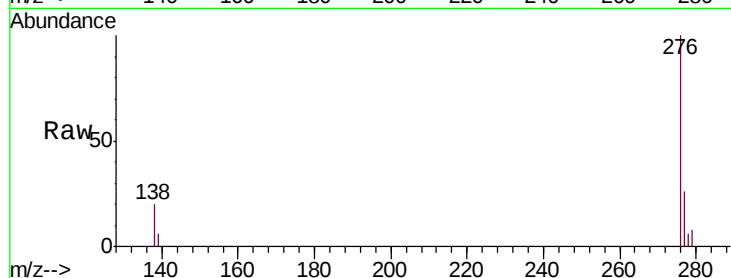
Acq: 29 Feb 2020 04:21

Instrument :

BNA_M

ClientSampleId :

DBCY4



Tgt Ion: 276 Resp: 7267

Ion Ratio Lower Upper

276 100

138 19.6 17.9 26.9

277 26.2 20.5 30.7

