

Data File : BM025153.D
Acq On : 29 Feb 2020 03:45
Operator : CG/JU
Sample : L1507-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD19

Quant Time: Mar 02 00:39:30 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	2930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	11443	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7439	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	17253	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18913	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6209	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	16840	0.00	ng/ul	0.00

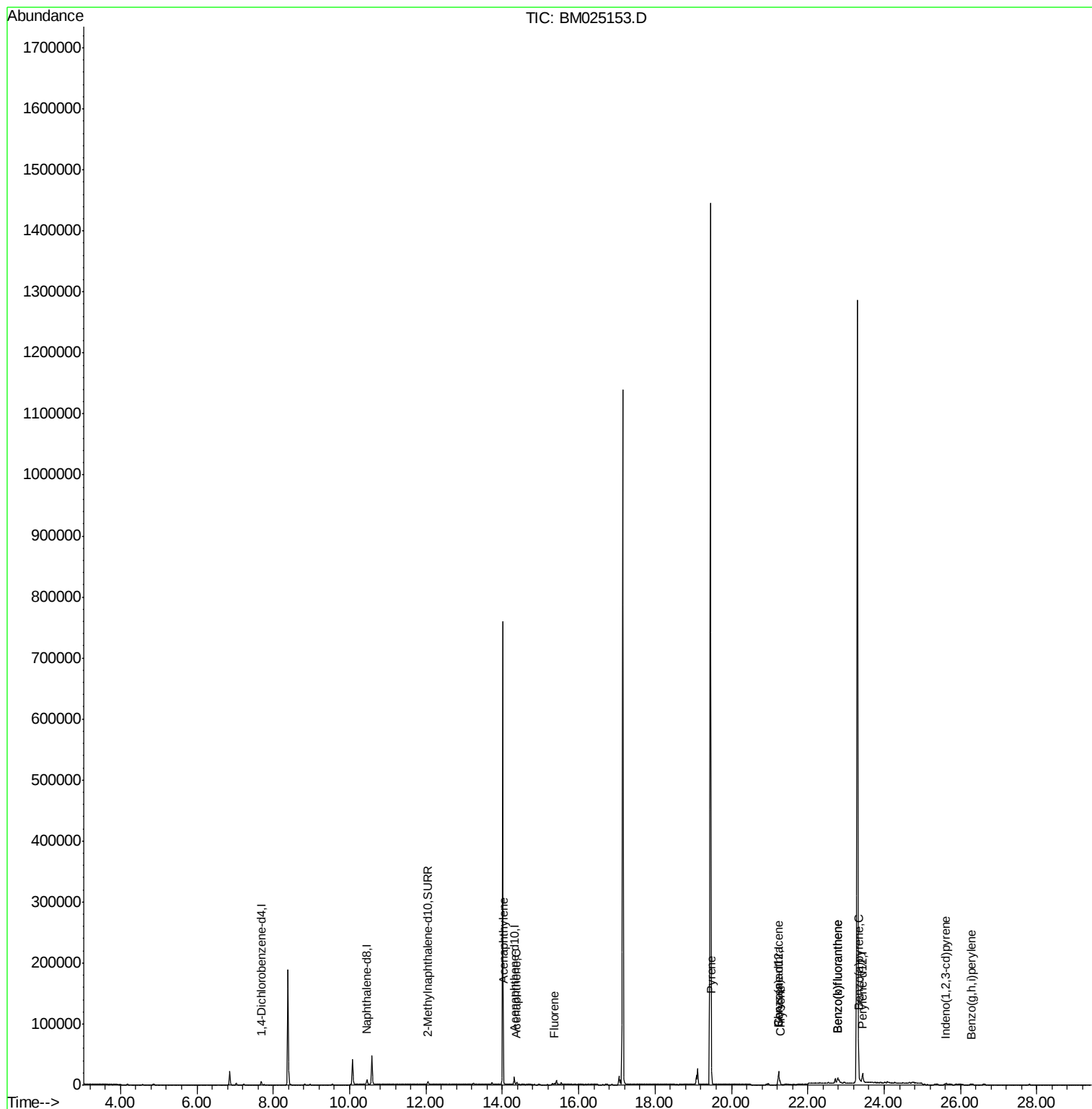
Target Compounds				Qvalue		
7) Acenaphthylene	14.03	152	1387	0.032	ng/ul#	88
8) Acenaphthene	14.37	153	1833	0.064	ng/ul	98
9) Fluorene	15.36	166	1884	0.052	ng/ul	98
17) Pyrene	19.48	202	21984	0.283	ng/ul	96
18) Benzo(a)anthracene	21.22	228	7253	0.097	ng/ul	97
19) Chrysene	21.27	228	8490	0.114	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	17711	0.239	ng/ul	97
22) Benzo(k)fluoranthene	22.78	252	17711	0.241	ng/ul	97
23) Benzo(a)pyrene	23.34	252	4307	0.064	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.62	276	3334	0.039	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	2506	0.035	ng/ul#	88

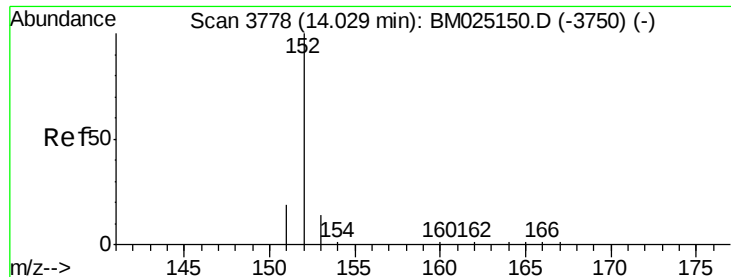
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.032 ng/u1

RT: 14.03 min Scan# 3778

Delta R.T. 0.00 min

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Acq: 29 Feb 2020 03:45

Instrument :

BNA_M

ClientSampleId :

DBD19

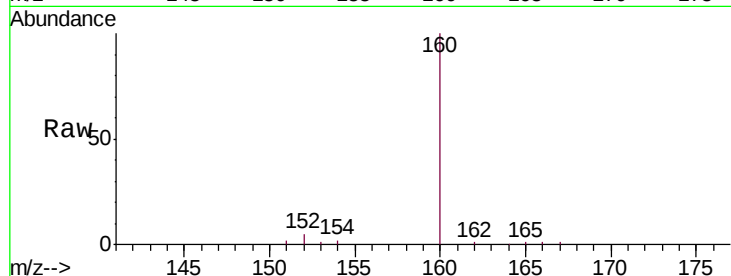
Tgt Ion:152 Resp: 1387

Ion Ratio Lower Upper

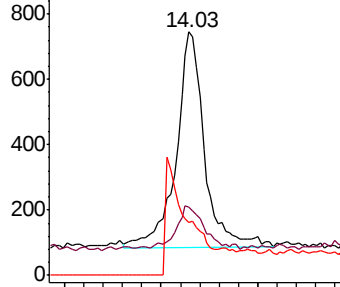
152 100

151 28.2 17.8 26.8#

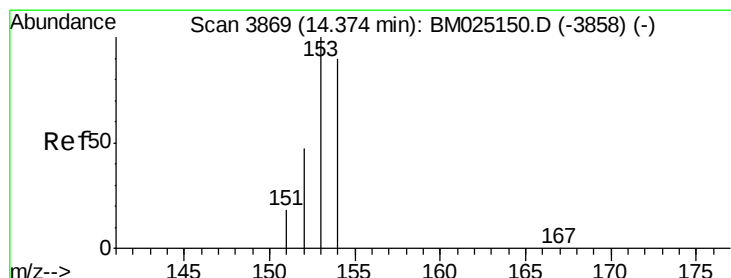
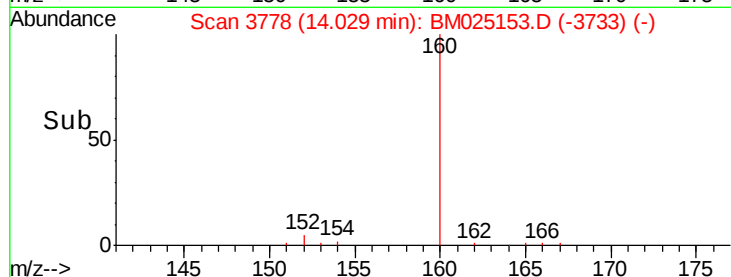
153 22.0 13.3 19.9#



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



Time--> 13.90 14.00 14.10



#8

Acenaphthene

Concen: 0.064 ng/u1

RT: 14.37 min Scan# 3869

Delta R.T. 0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

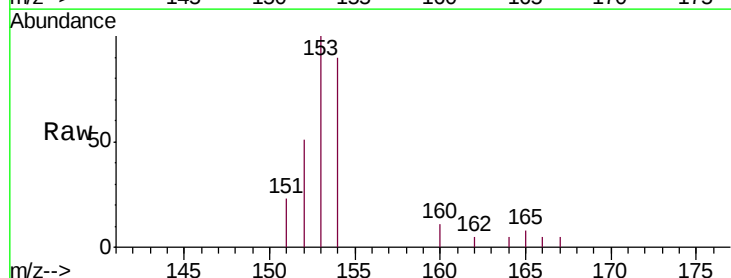
Tgt Ion:153 Resp: 1833

Ion Ratio Lower Upper

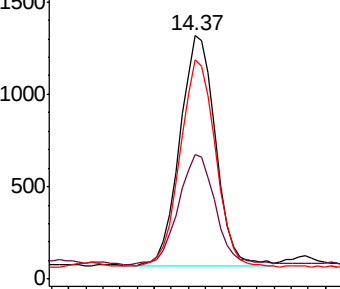
153 100

152 51.3 40.0 60.0

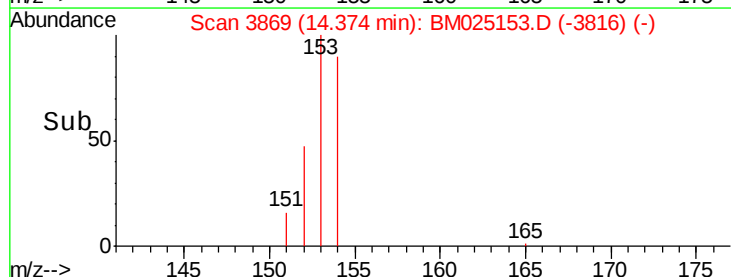
154 90.3 71.0 106.6

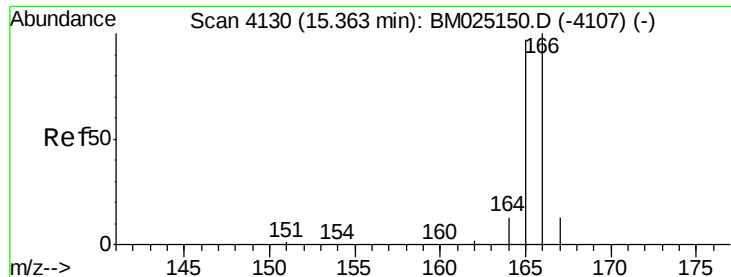


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35 14.40





#9

Fluorene

Concen: 0.052 ng/ul

RT: 15.36 min Scan# 4130

Delta R.T. 0.00 min

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Acq: 29 Feb 2020 03:45

Instrument :

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ClientSampleId :

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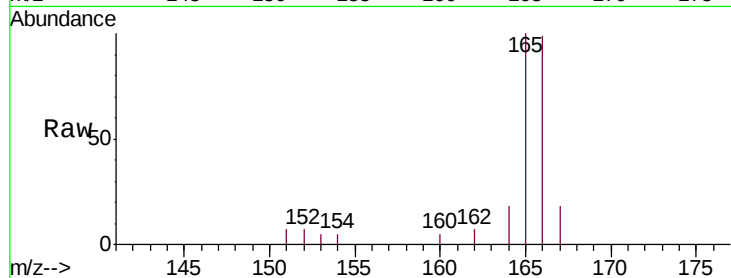
Tgt Ion:166 Resp: 1884

Ion Ratio Lower Upper

166 100

165 101.5 80.0 120.0

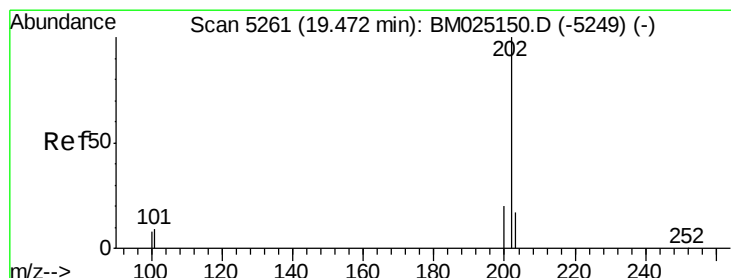
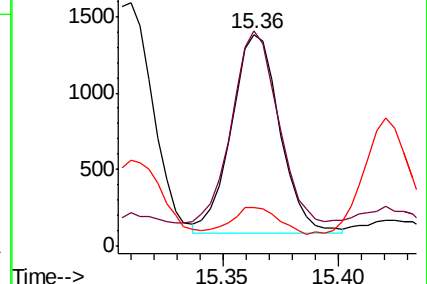
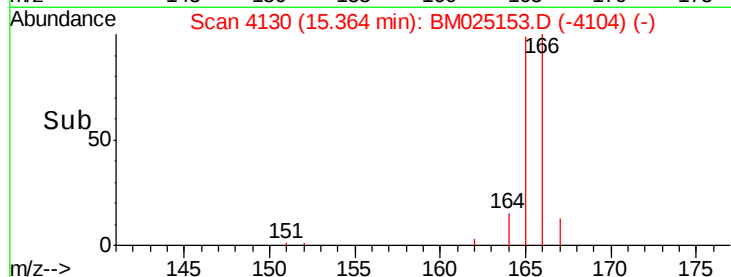
167 18.0 13.7 20.5



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



#17

Pyrene

Concen: 0.283 ng/ul

RT: 19.48 min Scan# 5262

Delta R.T. 0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

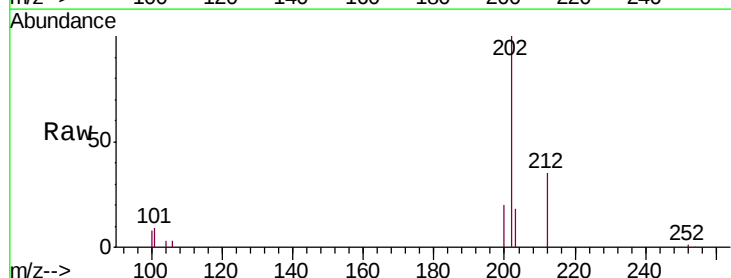
Tgt Ion:202 Resp: 21984

Ion Ratio Lower Upper

202 100

101 9.2 8.7 13.1

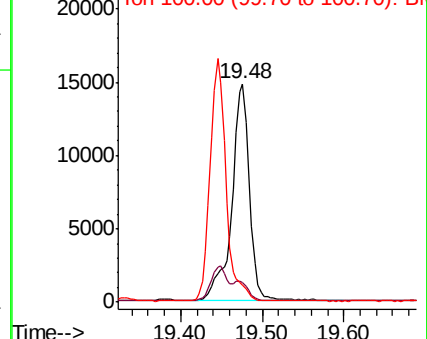
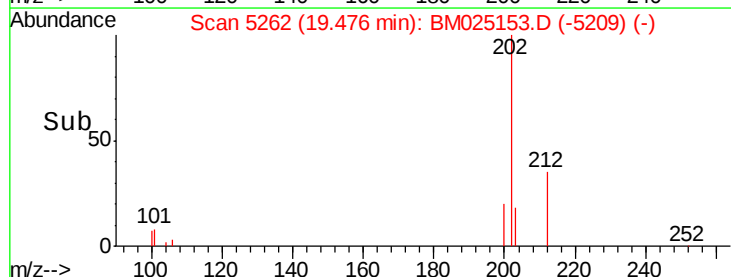
100 8.0 7.3 10.9

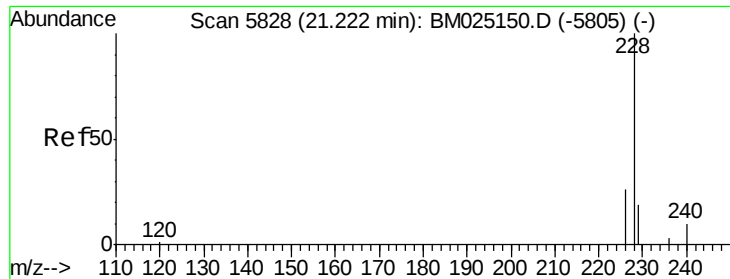


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.097 ng/ul

RT: 21.22 min Scan# 5828

Delta R.T. -0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

Instrument :

BNA_M

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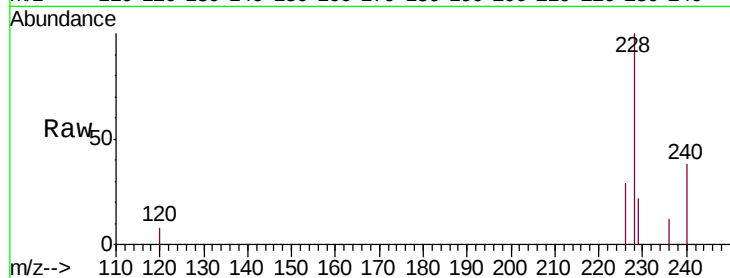
Tgt Ion:228 Resp: 7253

Ion Ratio Lower Upper

228 100

229 22.3 16.6 25.0

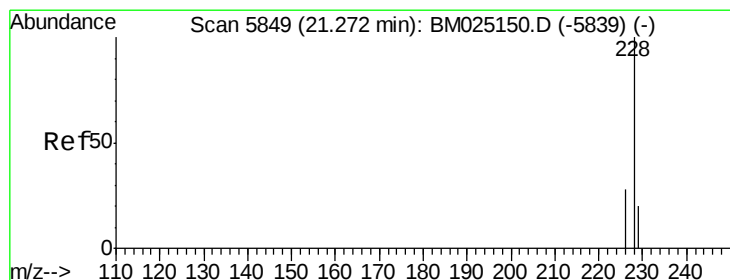
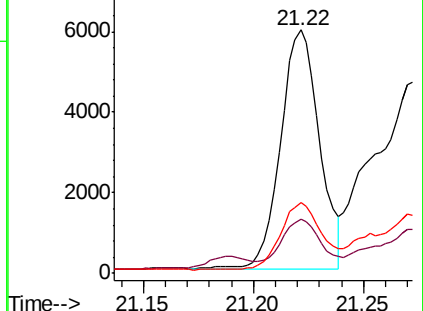
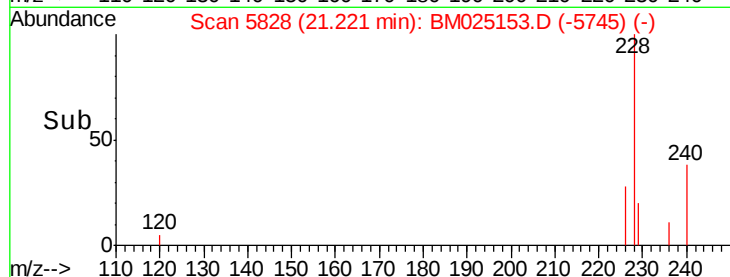
226 29.2 21.9 32.9



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: 0.114 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

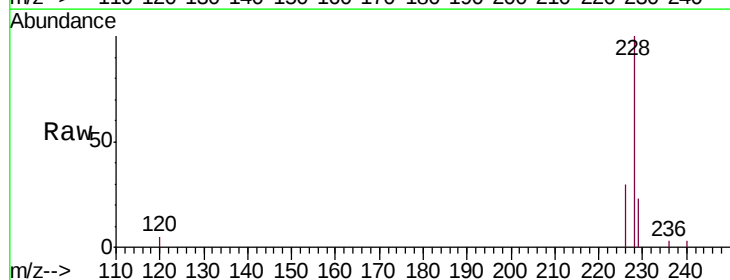
Tgt Ion:228 Resp: 8490

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

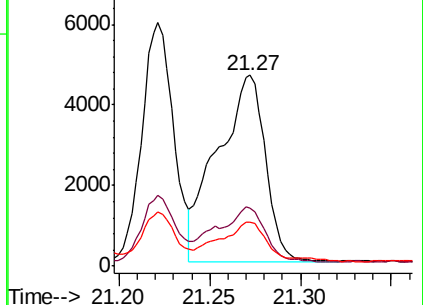
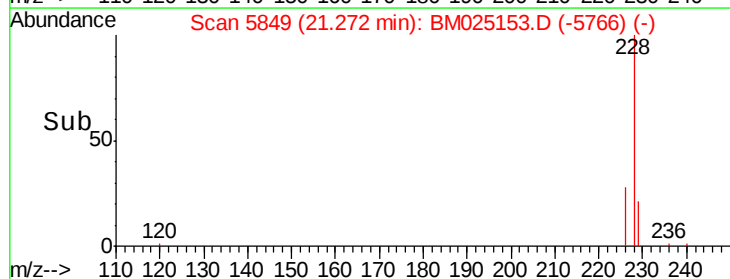
229 23.0 16.9 25.3

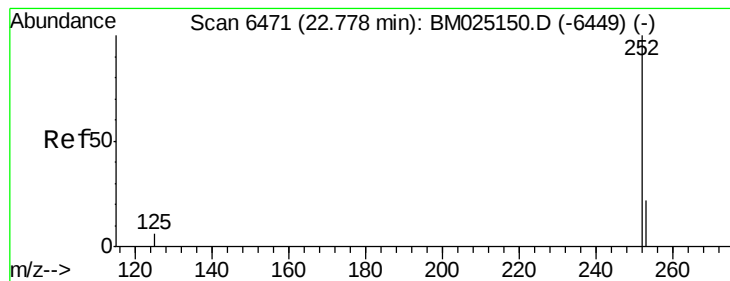


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.239 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. 0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

Instrument :

BNA_M

ClientSampleId :

DBD19

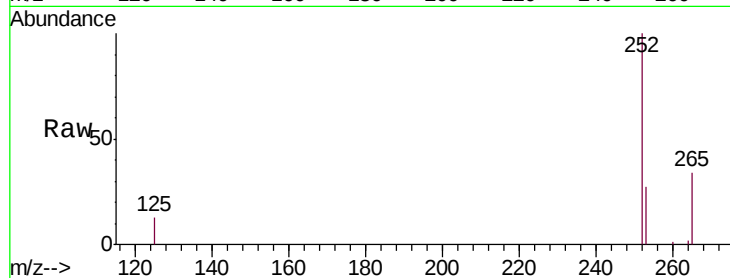
Tgt Ion:252 Resp: 17711

Ion Ratio Lower Upper

252 100

253 26.6 0.0 49.8

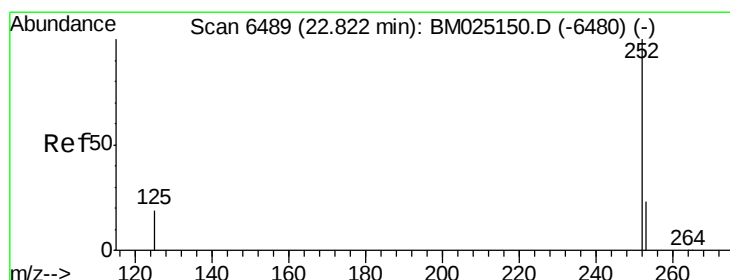
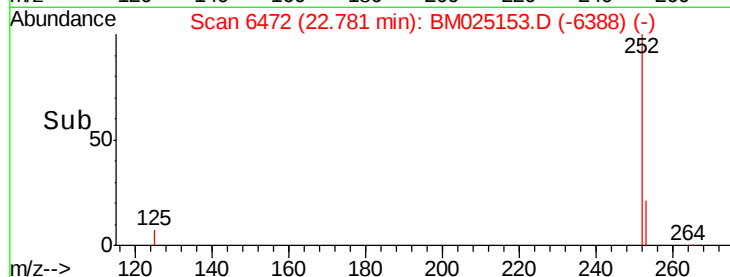
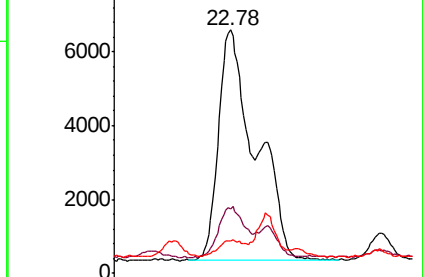
125 13.1 0.0 28.6



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: 0.241 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.04 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

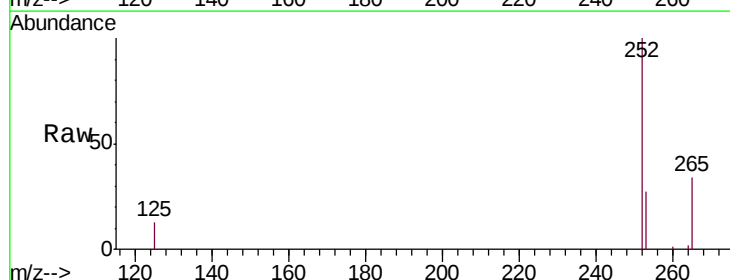
Tgt Ion:252 Resp: 17711

Ion Ratio Lower Upper

252 100

253 26.6 19.4 29.0

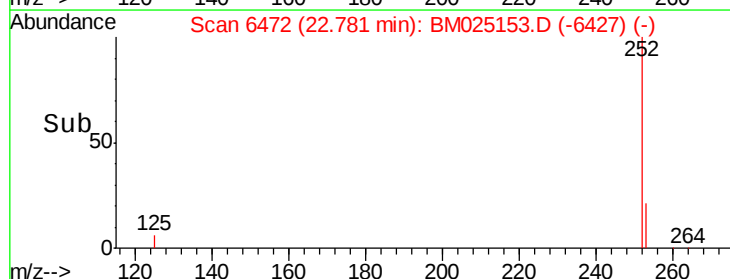
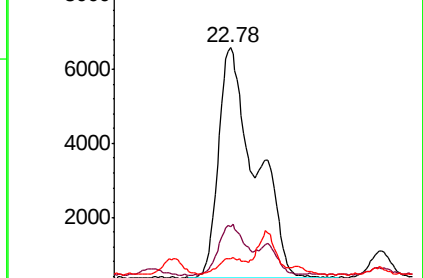
125 13.1 10.7 16.1

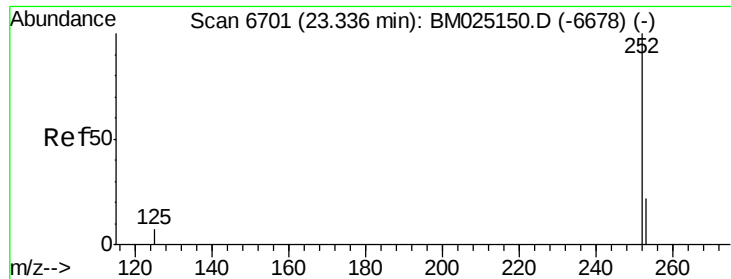


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.064 ng/u1

RT: 23.34 min Scan# 6702

Delta R.T. 0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

Instrument :

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ClientSampleId :

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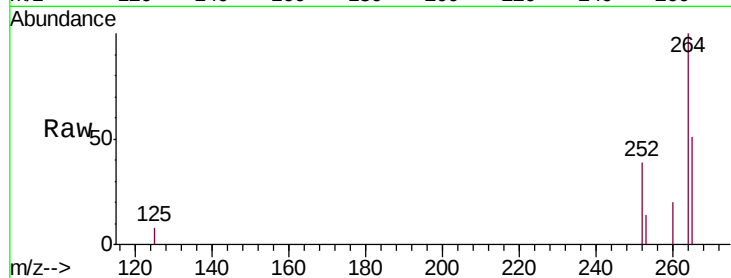
Tgt Ion:252 Resp: 4307

Ion Ratio Lower Upper

252 100

253 34.5 20.3 30.5#

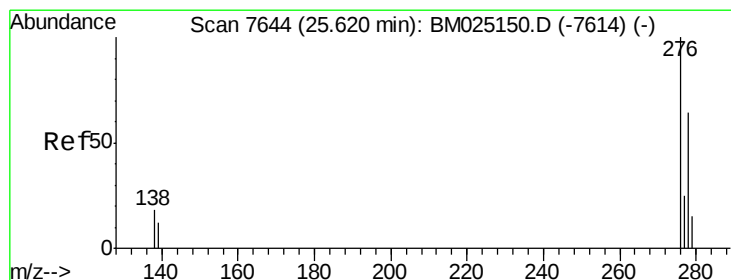
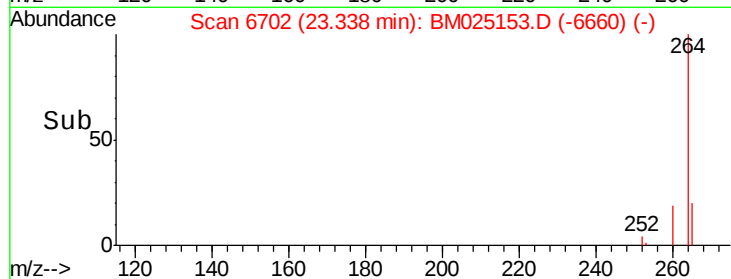
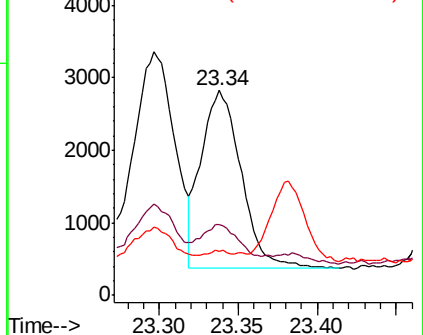
125 21.5 13.0 19.4#



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: 0.039 ng/u1

RT: 25.62 min Scan# 7642

Delta R.T. -0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

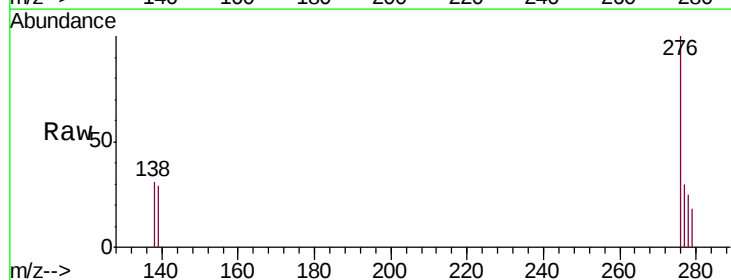
Tgt Ion:276 Resp: 3334

Ion Ratio Lower Upper

276 100

138 24.1 0.0 0.0#

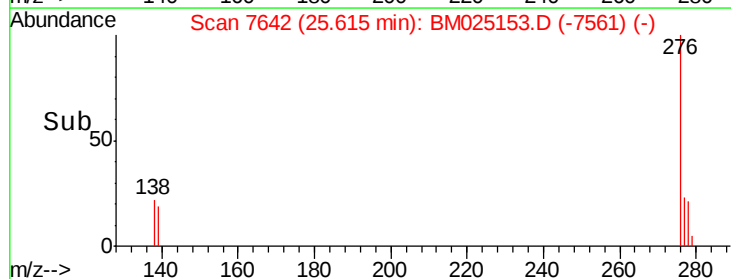
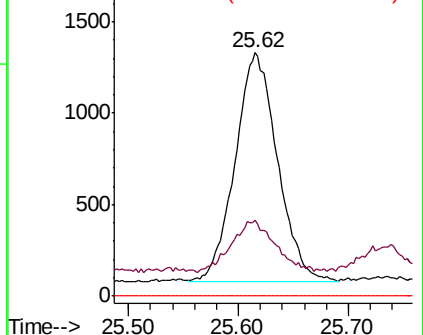
227 0.0 0.0 0.0

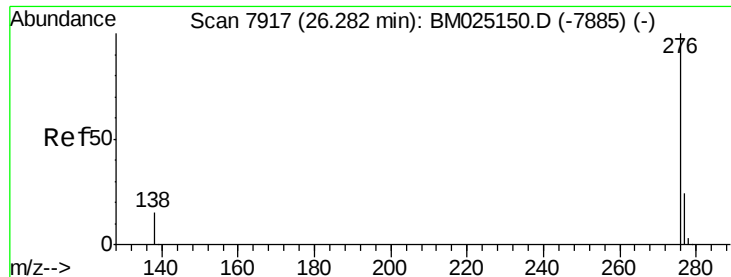


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 26.28 min Scan# 7917

Delta R.T. -0.00 min

Lab File: BM025153.D

Acq: 29 Feb 2020 03:45

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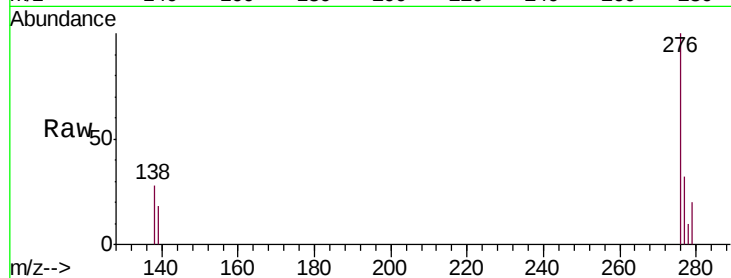
Tgt Ion: 276 Resp: 2506

Ion Ratio Lower Upper

276 100

138 28.2 17.9 26.9#

277 31.6 20.5 30.7#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

