

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025302.D
 Acq On : 06 Mar 2020 00:58
 Operator : CG/JU
 Sample : L1568-06
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:46:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

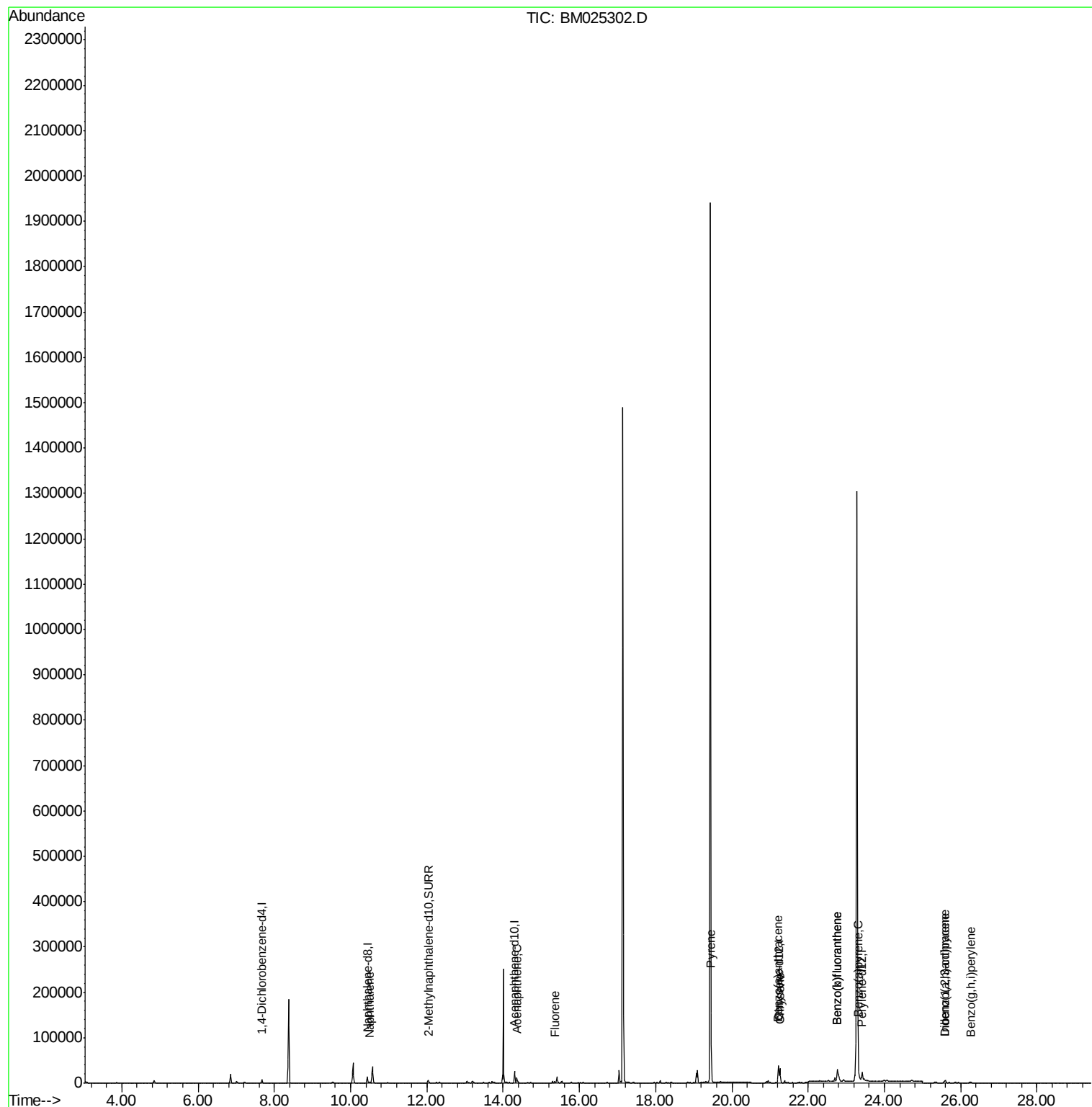
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4052	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17884	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13461	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.22	240	28692	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	24961	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7136	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	23863	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1762	0.033	ng/ul	94
8) Acenaphthene	14.36	153	6330	0.129	ng/ul	98
9) Fluorene	15.35	166	1815	0.030	ng/ul	95
17) Pyrene	19.46	202	43485	0.400	ng/ul	97
18) Benzo(a)anthracene	21.21	228	18039	0.171	ng/ul	98
19) Chrysene	21.26	228	34722	0.300	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	54531	0.546	ng/ul	95
22) Benzo(k)fluoranthene	22.76	252	54531	0.521	ng/ul#	96
23) Benzo(a)pyrene	23.32	252	16624	0.198	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	8636	0.083	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	2375	0.027	ng/ul#	66
26) Benzo(g,h,i)perylene	26.25	276	4801	0.054	ng/ul	95

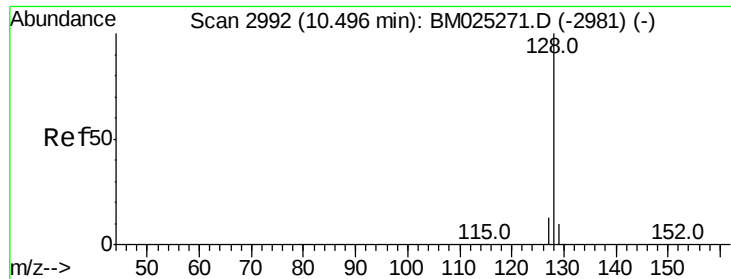
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

ClientSampled :

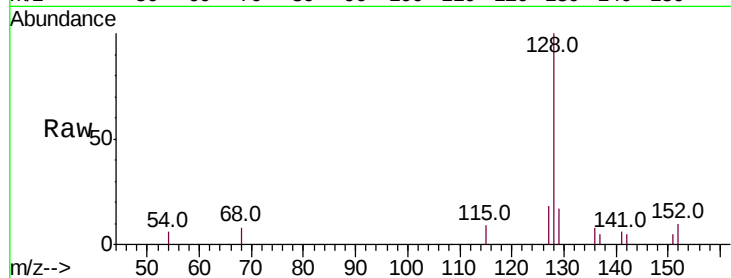
Tot Ion:128 Resp: 1762

Ion Ratio Lower Upper

128 100

129 17.4 17.0 25.6

127 17.9 15.7 23.5



Abundance Ion 128.00 (127.70 to 128.70): E

1500 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

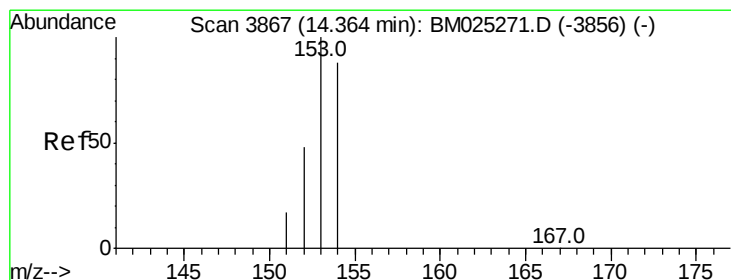
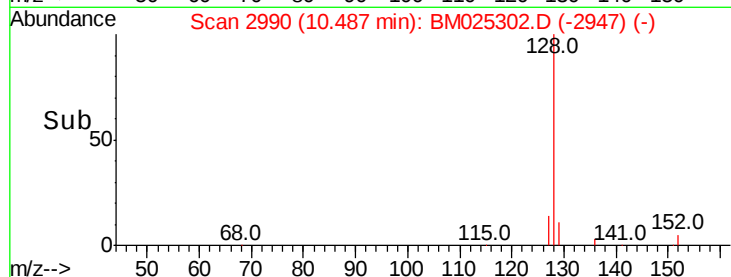
1000

500

0

Time-->

10.45 10.50 10.55



#8

Acenaphthene

Concen: 0.129 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

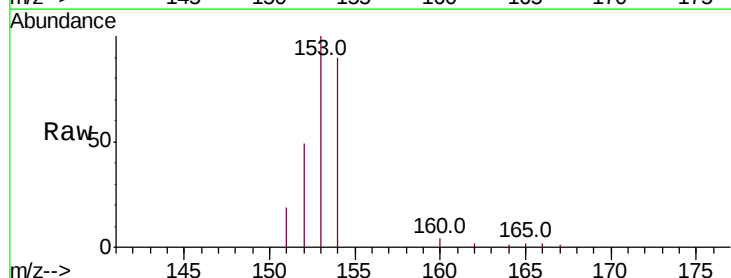
Tgt Ion:153 Resp: 6330

Ion Ratio Lower Upper

153 100

152 48.9 40.0 60.0

154 90.4 71.0 106.6



Abundance Ion 153.00 (152.70 to 153.70): E

6000 Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

5000

4000

3000

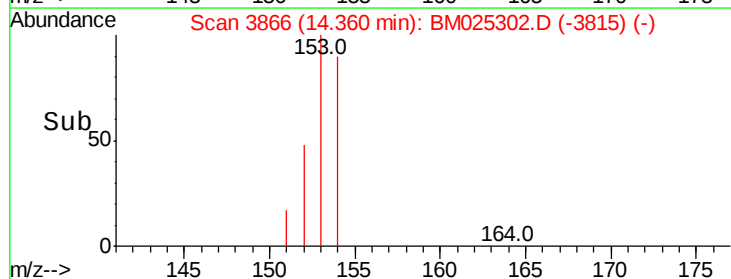
2000

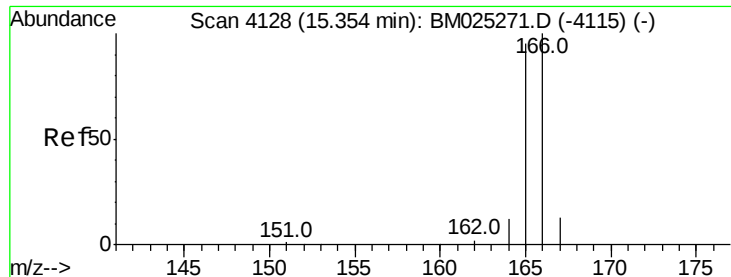
1000

0

Time-->

14.30 14.35 14.40





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

ClientSampled :

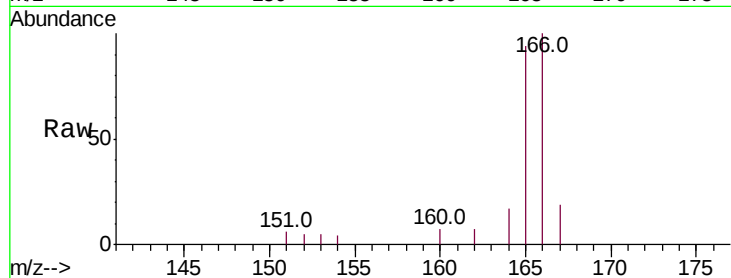
Tot Ion:166 Resp: 1815

Ion Ratio Lower Upper

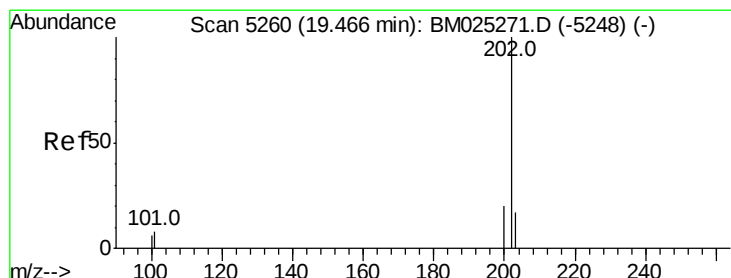
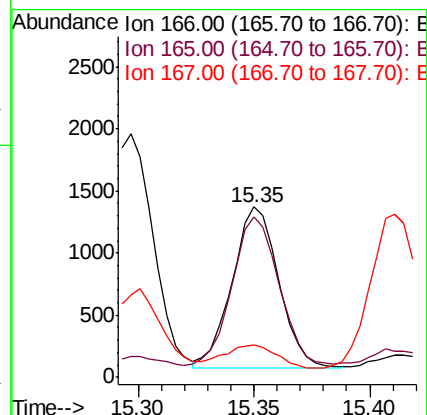
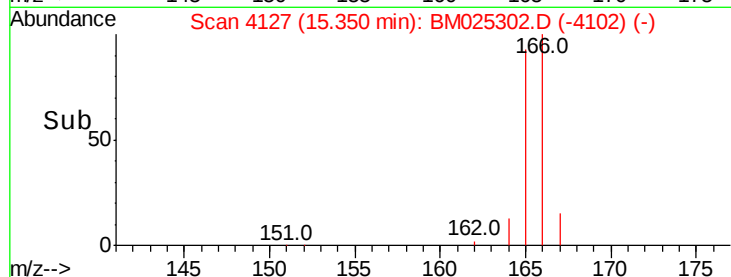
166 100

165 94.5 80.0 120.0

167 19.2 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: 0.400 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

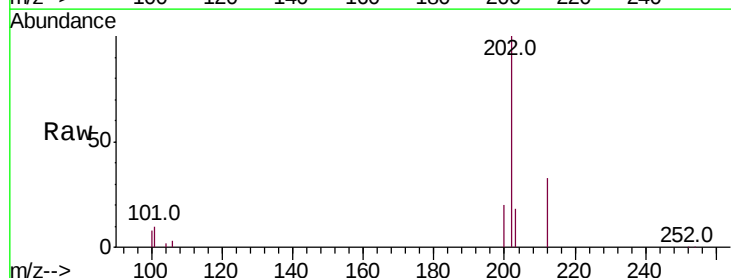
Tgt Ion:202 Resp: 43485

Ion Ratio Lower Upper

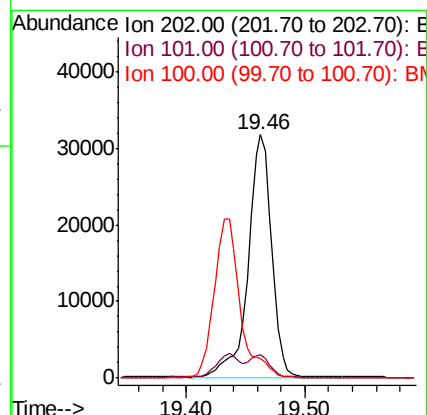
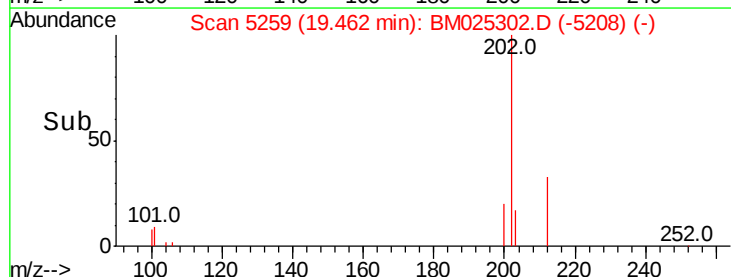
202 100

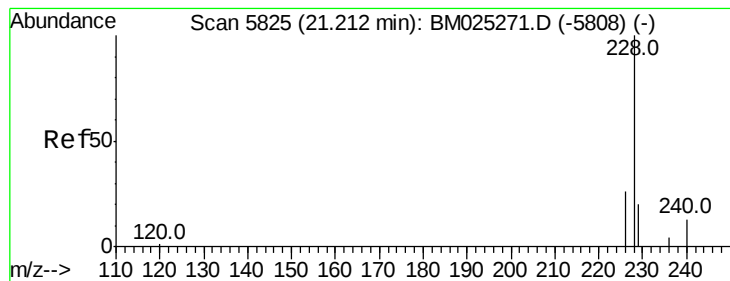
101 9.6 8.7 13.1

100 8.2 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: 0.171 ng/ul

RT: 21.21 min Scan# 5824

Delta R.T. -0.00 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

ClientSampleId :

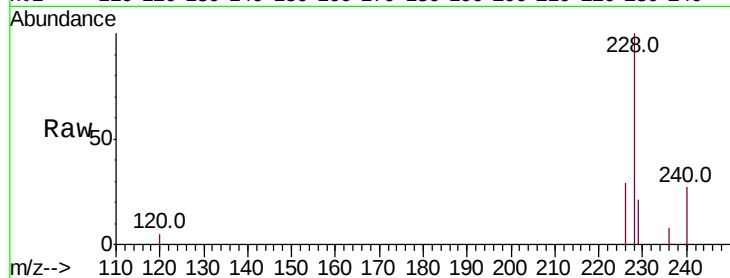
Tot Ion:228 Resp: 18039

Ion Ratio Lower Upper

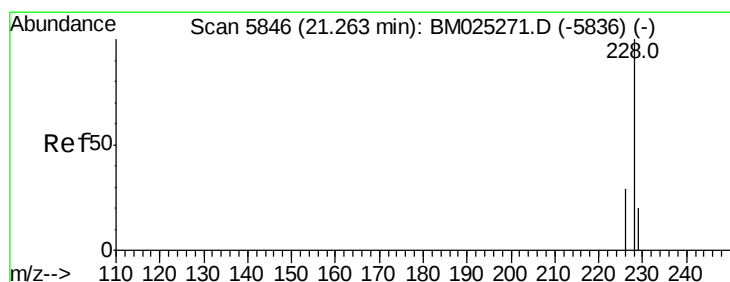
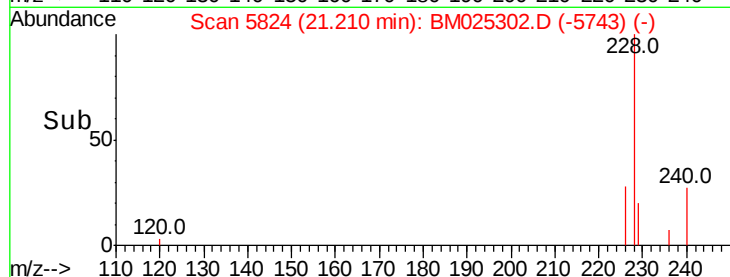
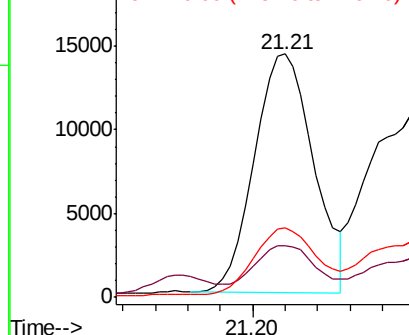
228 100

229 21.4 16.6 25.0

226 28.6 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: 0.300 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

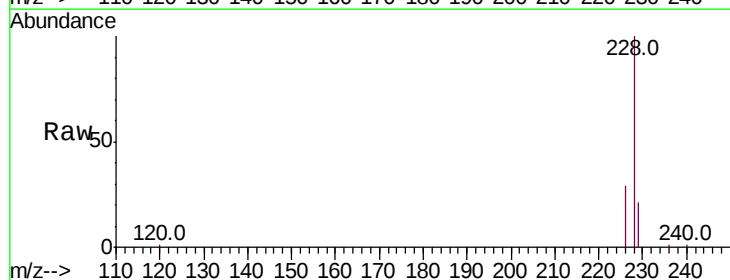
Tgt Ion:228 Resp: 34722

Ion Ratio Lower Upper

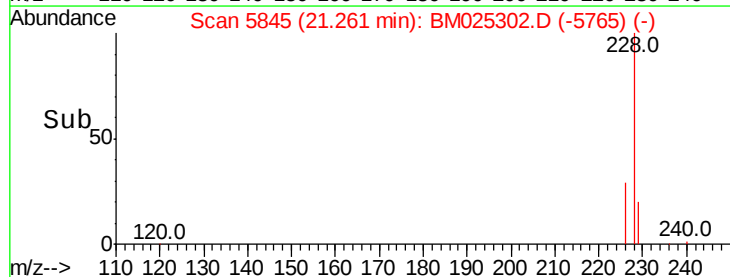
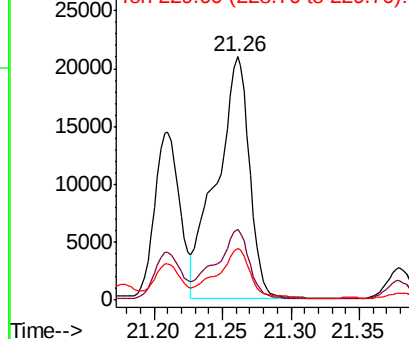
228 100

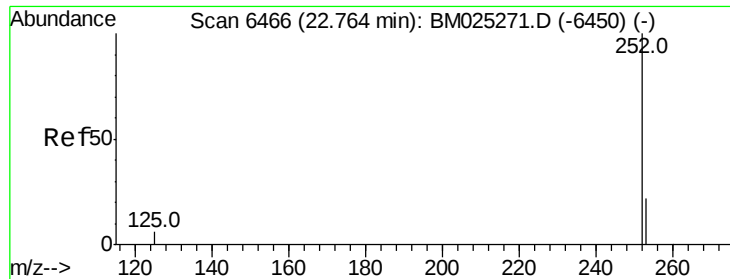
226 29.3 23.8 35.8

229 21.1 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: 0.546 ng/ul

RT: 22.76 min Scan# 6465

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

ClientSampleId :

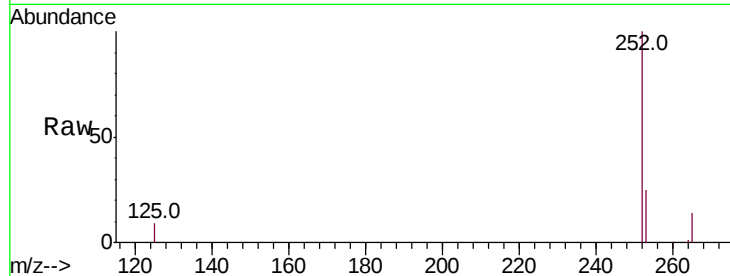
Tot Ion:252 Resp: 54531

Ion Ratio Lower Upper

252 100

253 24.6 0.0 49.8

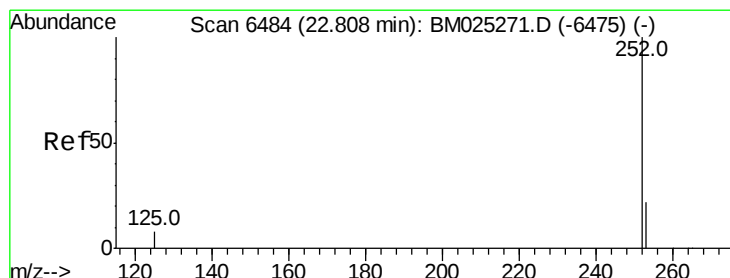
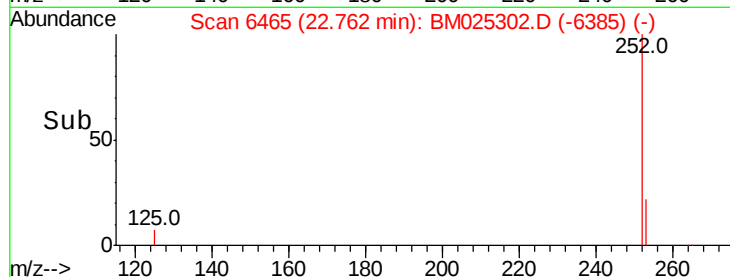
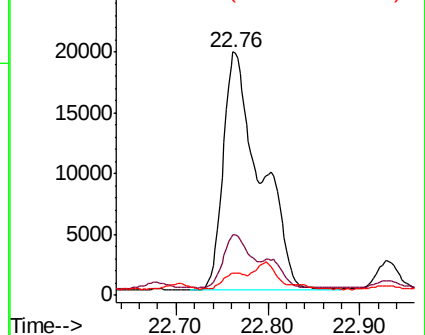
125 9.4 0.0 28.6



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: 0.521 ng/ul

RT: 22.76 min Scan# 6465

Delta R.T. -0.05 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

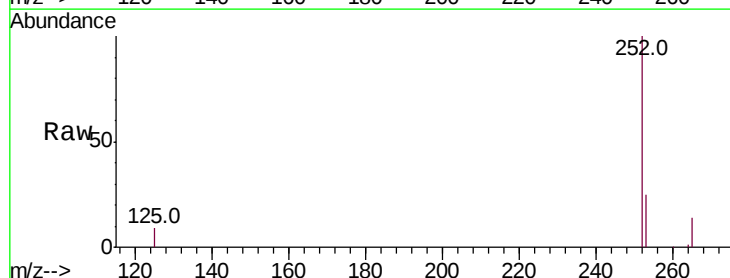
Tgt Ion:252 Resp: 54531

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

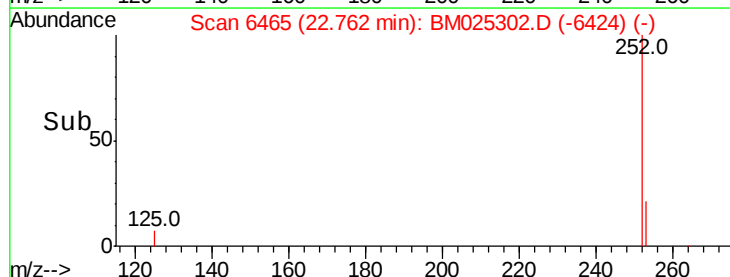
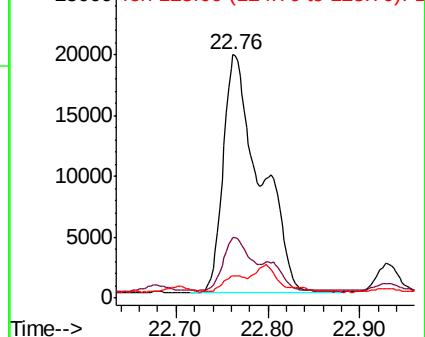
125 9.4 10.7 16.1#

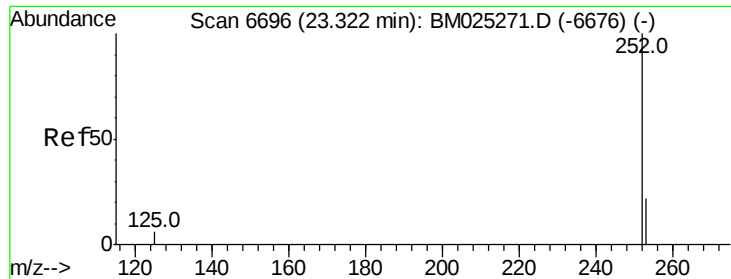


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.198 ng/ul

RT: 23.32 min Scan# 6696

Delta R.T. -0.00 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

ClientSampleId :

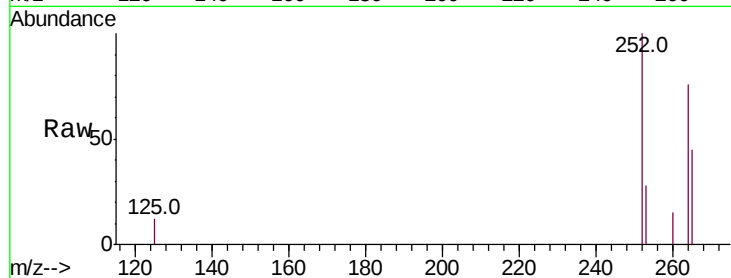
Tot Ion:252 Resp: 16624

Ion Ratio Lower Upper

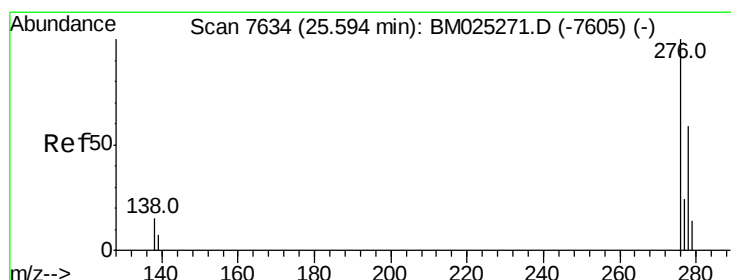
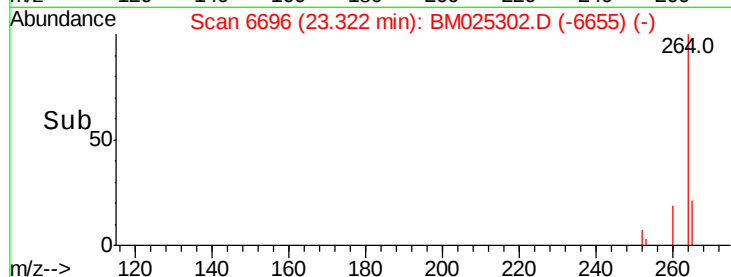
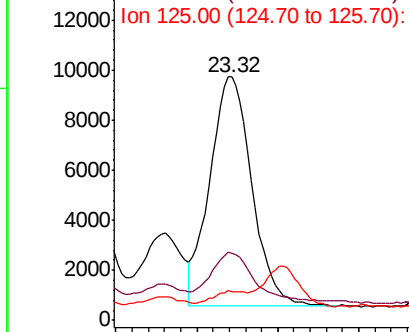
252 100

253 27.6 20.3 30.5

125 11.7 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: 0.083 ng/ul

RT: 25.59 min Scan# 7632

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

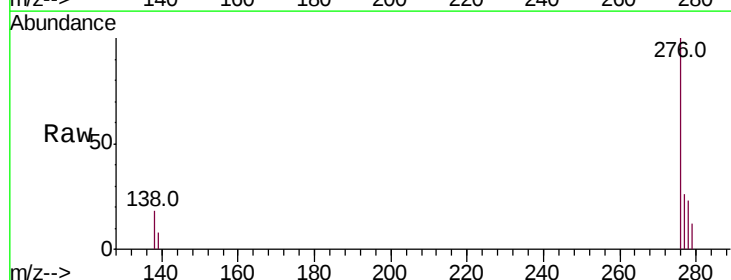
Tgt Ion:276 Resp: 8636

Ion Ratio Lower Upper

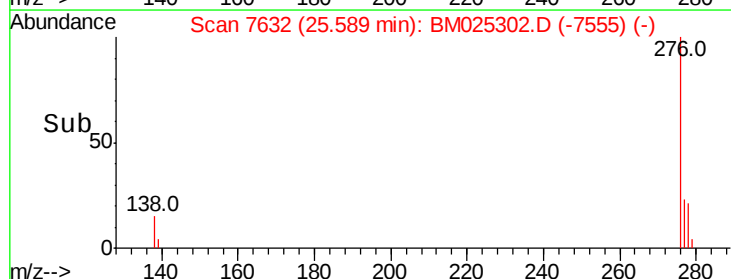
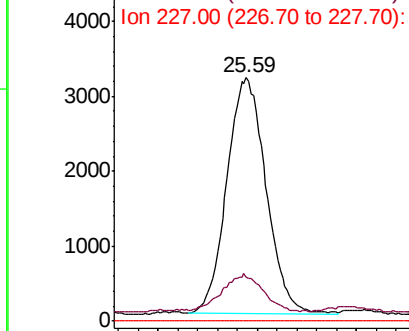
276 100

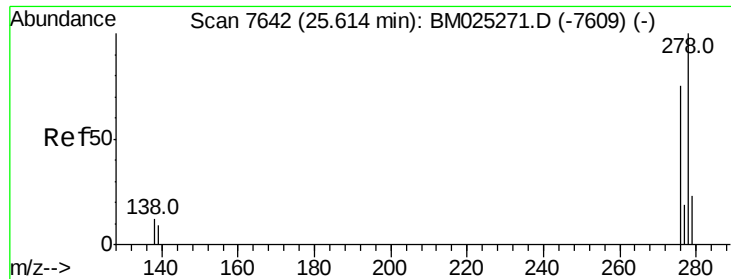
138 16.0 0.0 0.0#

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

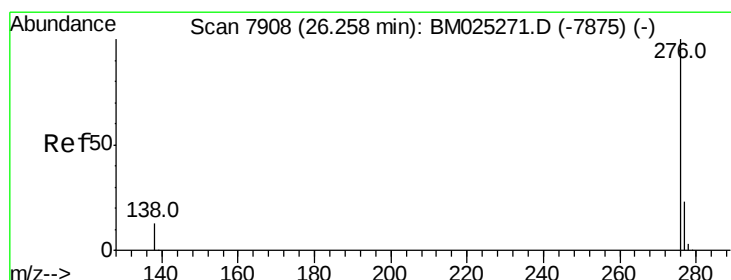
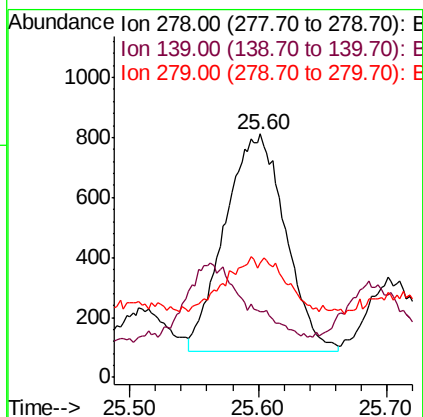
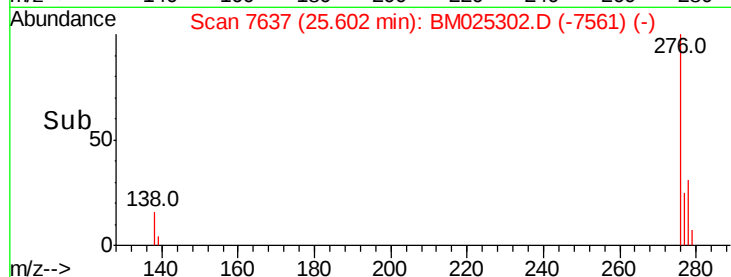
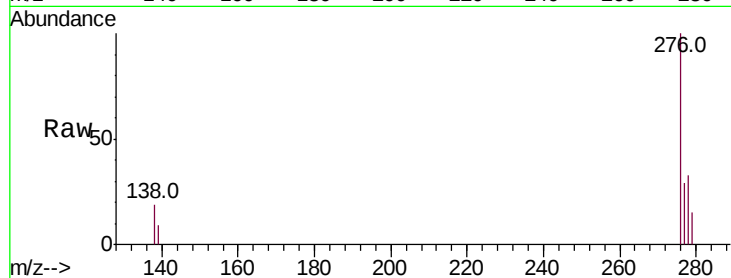




#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.60 min Scan# 7637
Delta R.T. -0.02 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2375
Ion Ratio Lower Upper
278 100
139 26.8 13.2 19.8#
279 47.2 21.0 31.4#



#26
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Tgt Ion:276 Resp: 4801
Ion Ratio Lower Upper
276 100
138 19.4 17.9 26.9
277 27.4 20.5 30.7

