

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025303.D
 Acq On : 06 Mar 2020 01:34
 Operator : CG/JU
 Sample : L1568-12
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:46:28 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

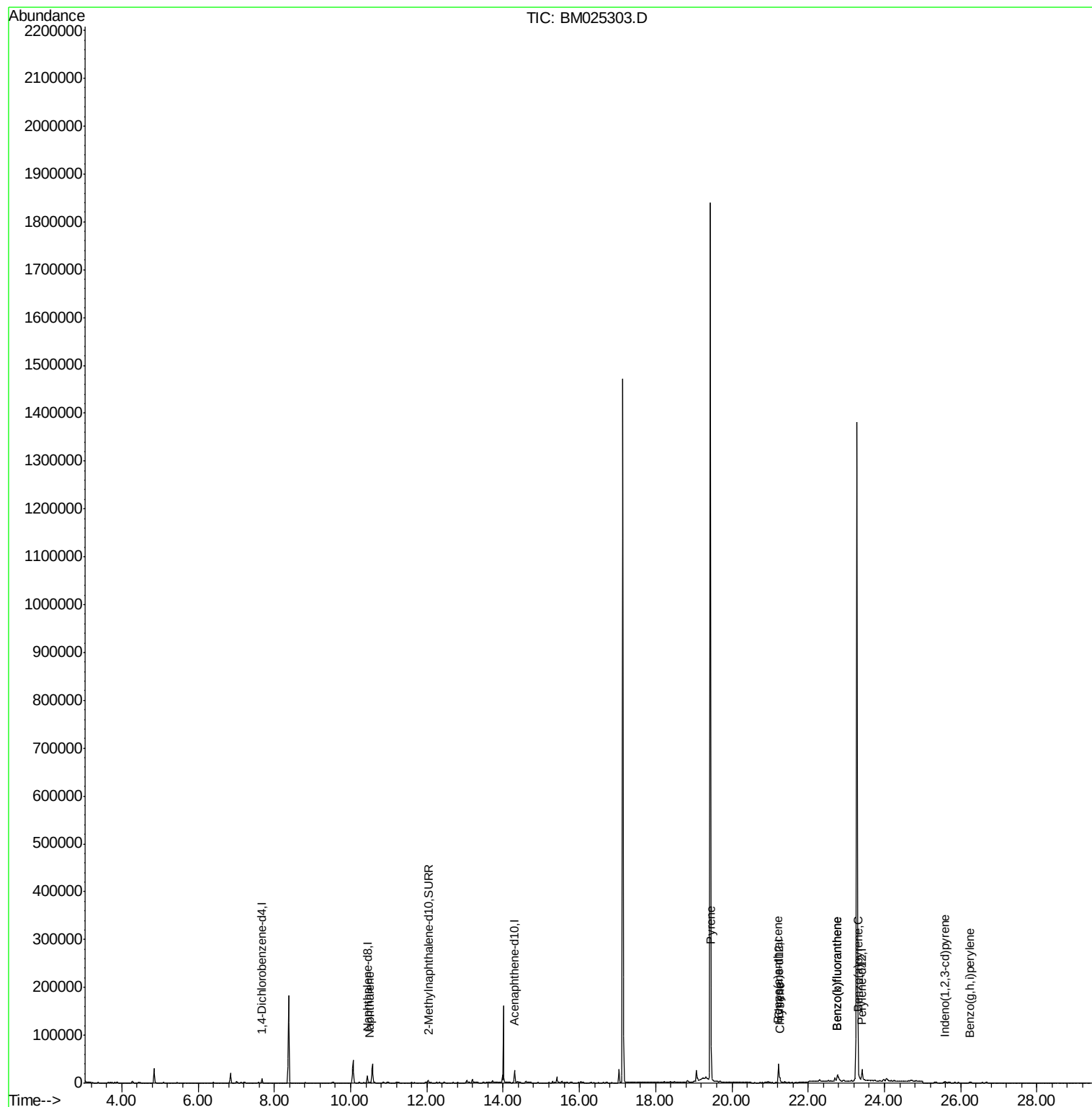
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18919	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14110	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.23	240	32274	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	28607	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7282	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	25252	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1380	0.024	ng/ul	95
17) Pyrene	19.46	202	12649	0.103	ng/ul	99
18) Benzo(a)anthracene	21.21	228	8819	0.074	ng/ul	98
19) Chrysene	21.26	228	7661	0.059	ng/ul	100
21) Benzo(b)fluoranthene	22.76	252	26050	0.228	ng/ul	95
22) Benzo(k)fluoranthene	22.76	252	26149	0.218	ng/ul	94
23) Benzo(a)pyrene	23.32	252	7969	0.083	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.59	276	3925	0.033	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	2526	0.025	ng/ul	92

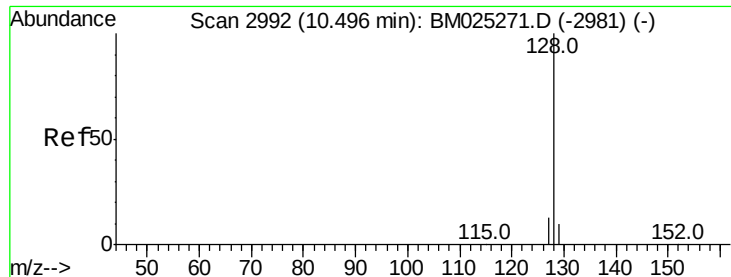
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

Instrument :

BNA_M

ClientSampleId :

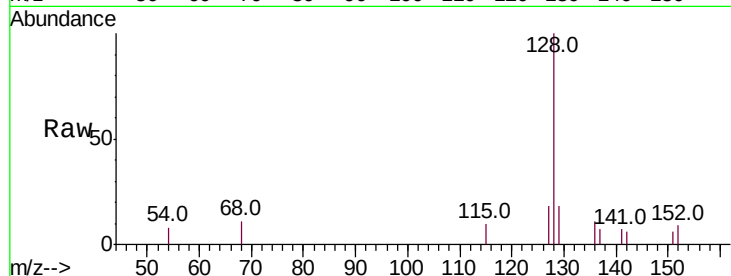
Tot Ion:128 Resp: 1380

Ion Ratio Lower Upper

128 100

129 18.4 17.0 25.6

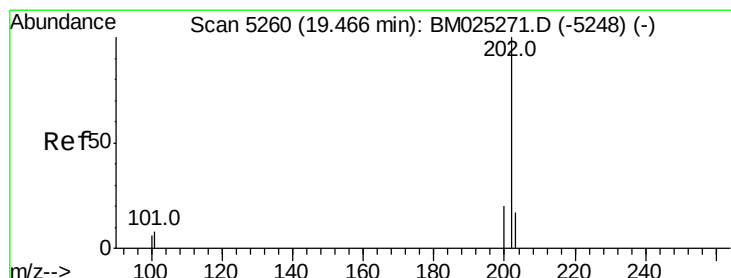
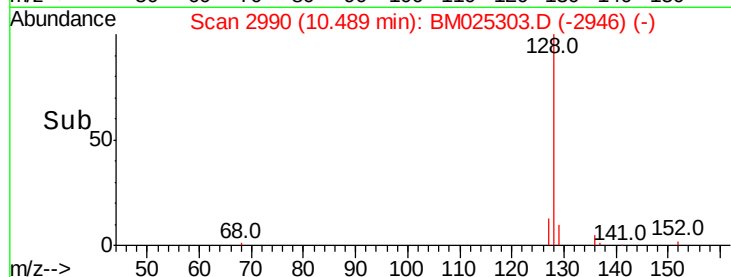
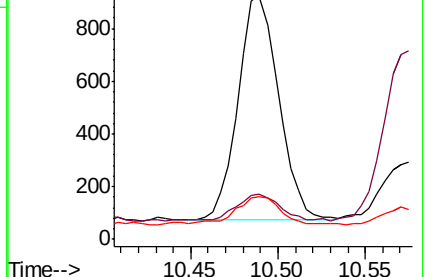
127 17.7 15.7 23.5



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



#17

Pyrene

Concen: 0.103 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

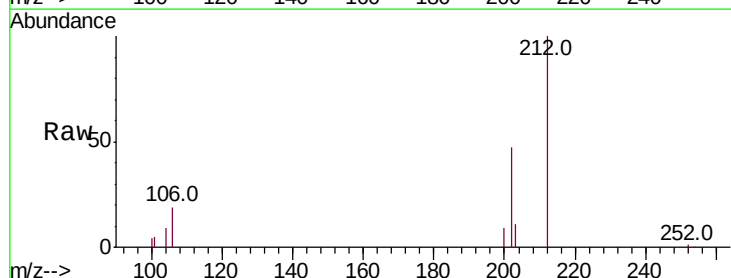
Tgt Ion:202 Resp: 12649

Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

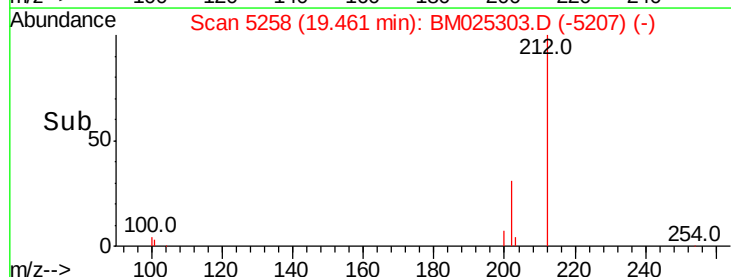
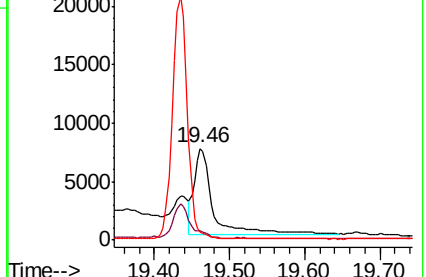
100 9.3 7.3 10.9

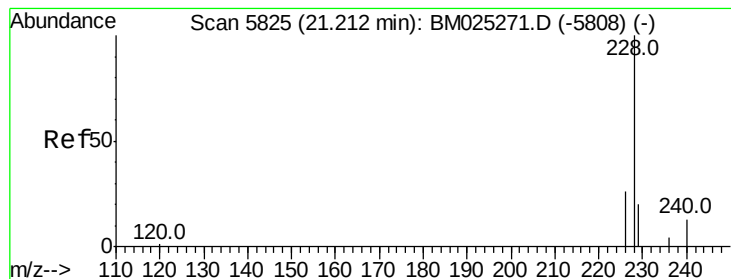


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.074 ng/ul

RT: 21.21 min Scan# 5823

Delta R.T. -0.00 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

Instrument :

BNA_M

ClientSampleId :

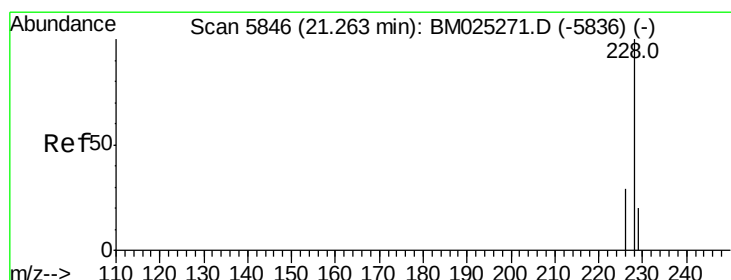
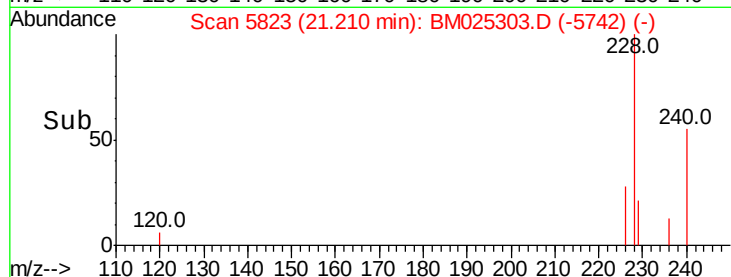
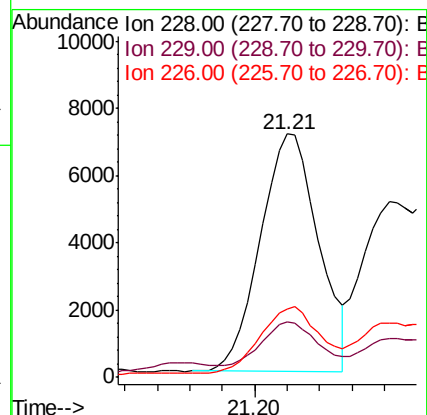
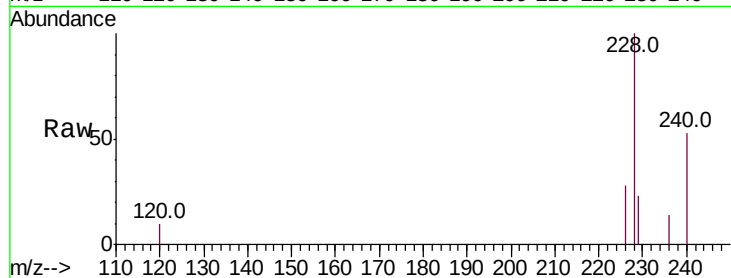
Tot Ion:228 Resp: 8819

Ion Ratio Lower Upper

228 100

229 22.5 16.6 25.0

226 28.2 21.9 32.9



#19

Chrysene

Concen: 0.059 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

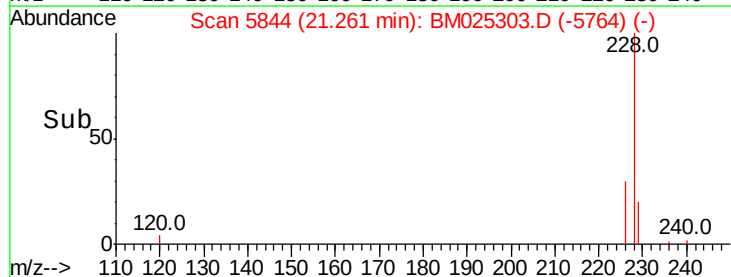
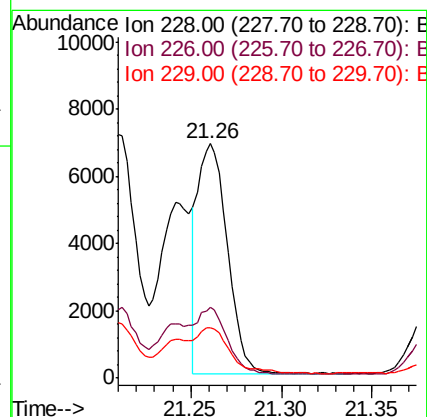
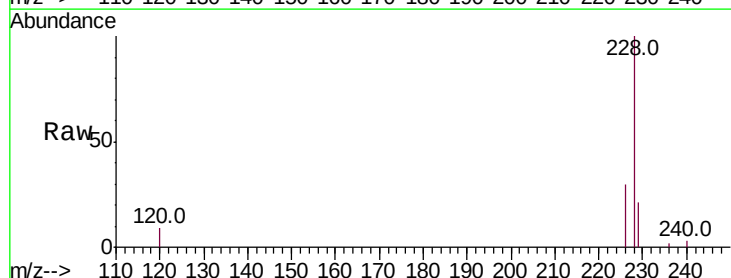
Tgt Ion:228 Resp: 7661

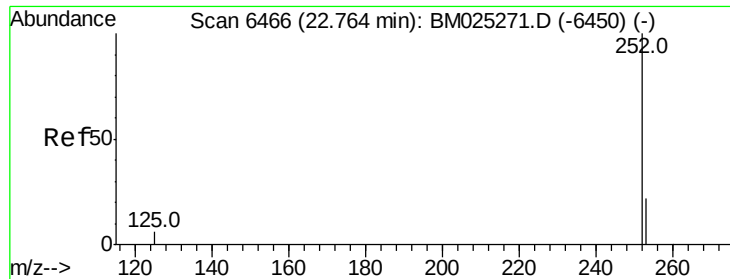
Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 21.3 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 0.228 ng/ul

RT: 22.76 min Scan# 6464

Delta R.T. -0.01 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

Instrument :

BNA_M

ClientSampleId :

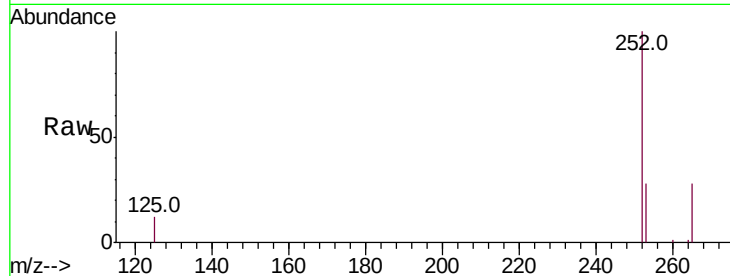
Tot Ion:252 Resp: 26050

Ion Ratio Lower Upper

252 100

253 27.5 0.0 49.8

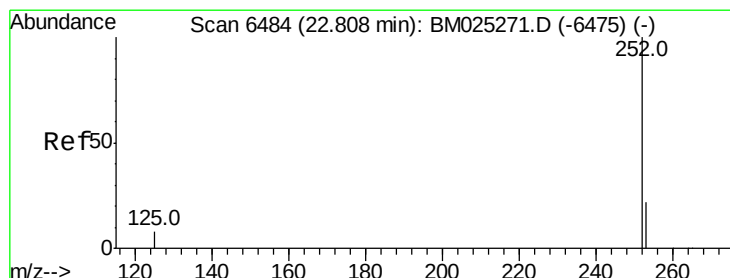
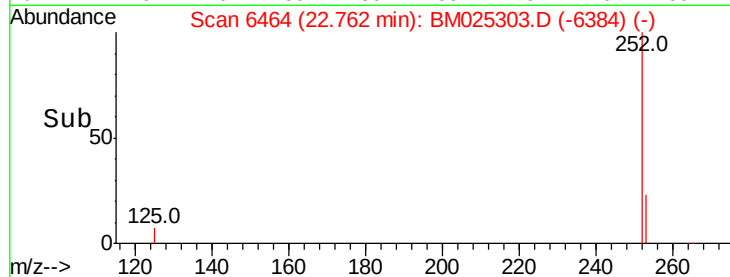
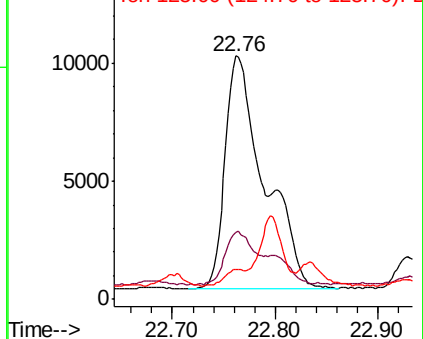
125 12.1 0.0 28.6



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: 0.218 ng/ul

RT: 22.76 min Scan# 6464

Delta R.T. -0.05 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

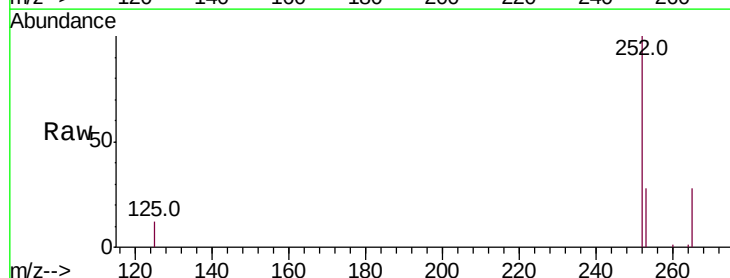
Tgt Ion:252 Resp: 26149

Ion Ratio Lower Upper

252 100

253 27.5 19.4 29.0

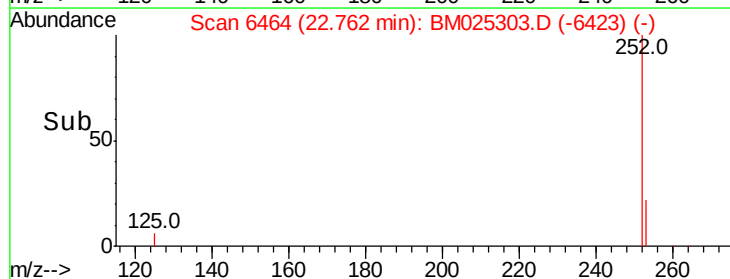
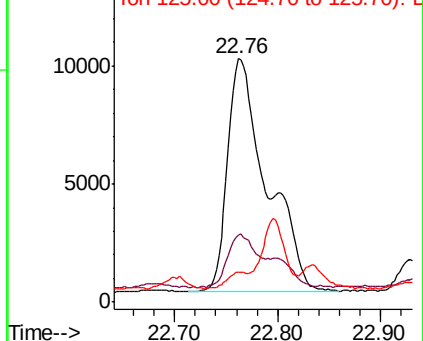
125 12.1 10.7 16.1

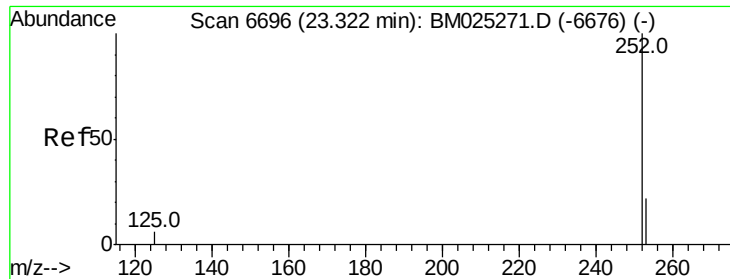


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.083 ng/ul

RT: 23.32 min Scan# 6694

Delta R.T. -0.00 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

Instrument :

BNA_M

ClientSampleId :

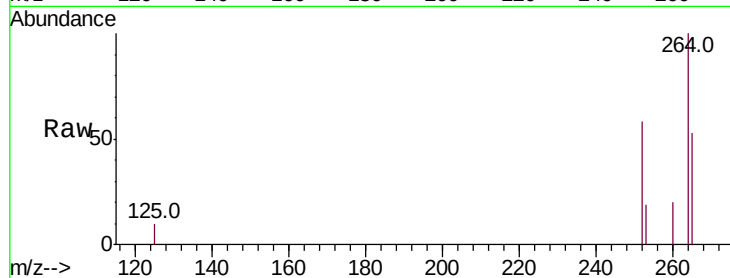
Tot Ion:252 Resp: 7969

Ion Ratio Lower Upper

252 100

253 33.1 20.3 30.5#

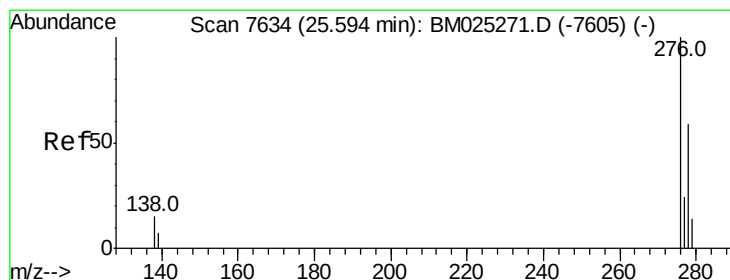
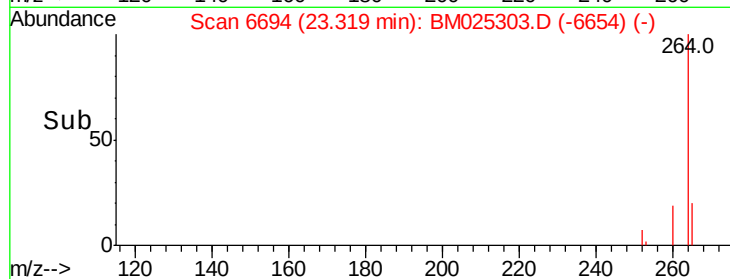
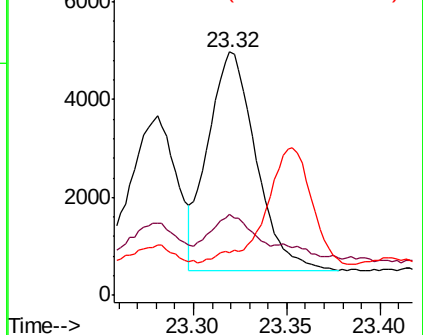
125 17.4 13.0 19.4



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: 0.033 ng/ul

RT: 25.59 min Scan# 7632

Delta R.T. -0.01 min

Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

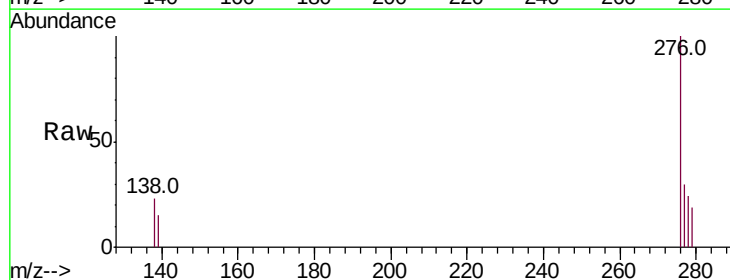
Tgt Ion:276 Resp: 3925

Ion Ratio Lower Upper

276 100

138 22.2 0.0 0.0#

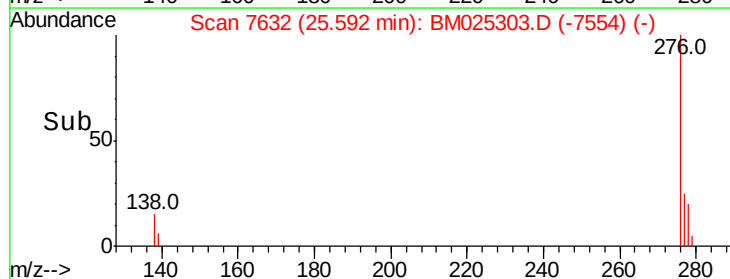
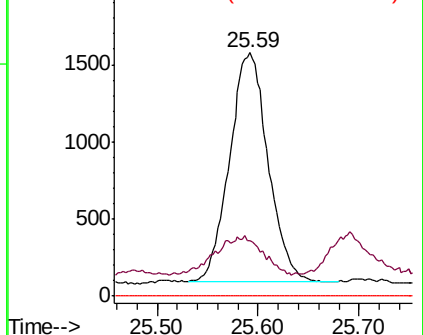
227 0.0 0.0 0.0

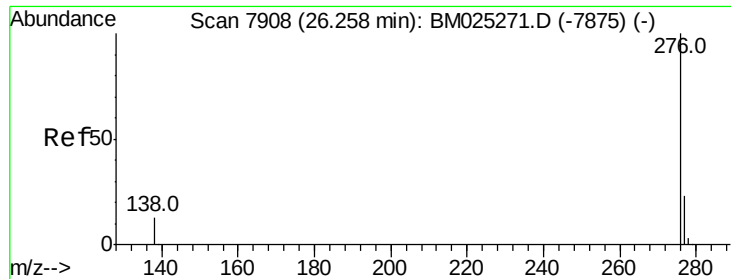


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.25 min Scan# 7905

Delta R.T. -0.01 min

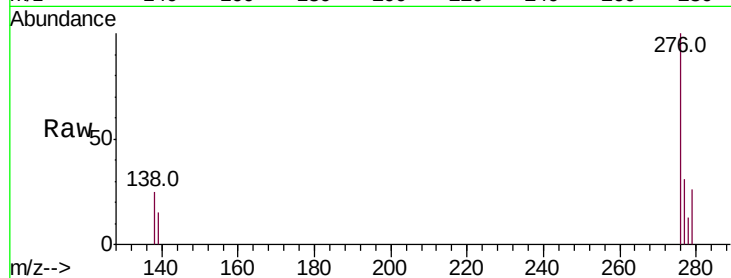
Lab File: BM025303.D

Acq: 06 Mar 2020 01:34

Instrument :

BNA_M

ClientSampleId :



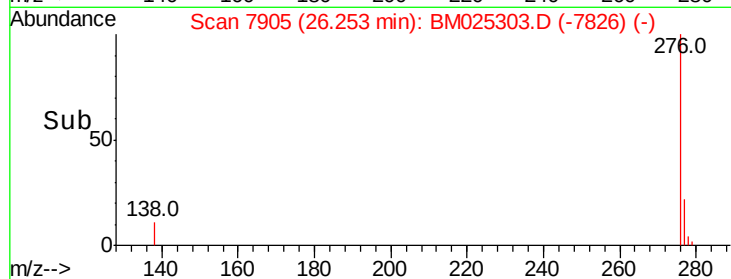
Tot Ion: 276 Resp: 2526

Ion Ratio Lower Upper

276 100

138 25.5 17.9 26.9

277 30.5 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

