

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025291.D
 Acq On : 05 Mar 2020 17:07
 Operator : CG/JU
 Sample : L1543-20
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:45:34 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

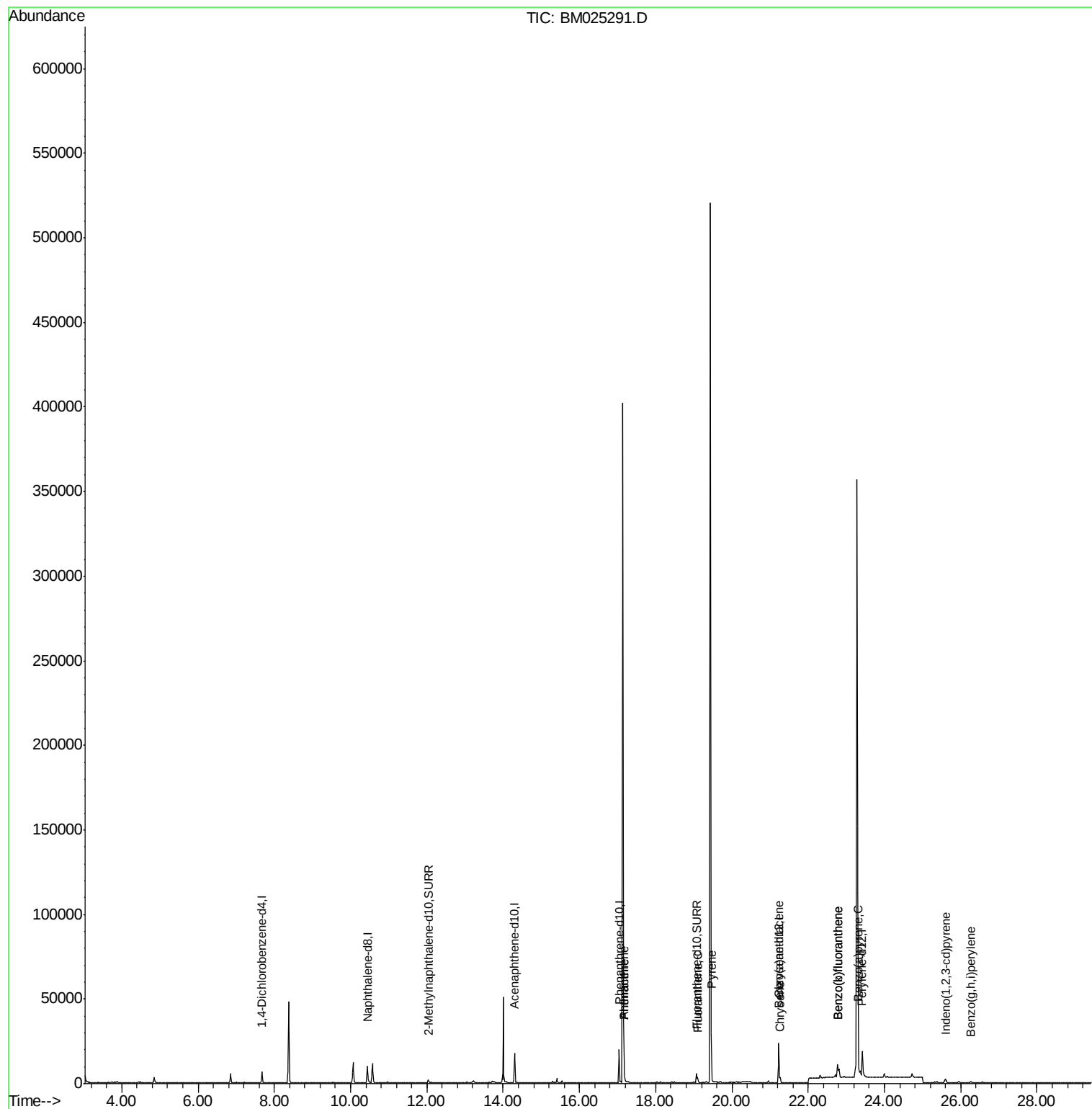
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	13116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	23423	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21009	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1917	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	5960	0.08	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.17	178	3768	0.050	ng/ul	97
13) Anthracene	17.17	178	3768	0.056	ng/ul	98
15) Fluoranthene	19.10	202	2832	0.030	ng/ul	99
17) Pyrene	19.46	202	4379	0.055	ng/ul	98
18) Benzo(a)anthracene	21.21	228	1692	0.022	ng/ul	94
19) Chrysene	21.27	228	2317	0.027	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	16260	0.218	ng/ul	94
22) Benzo(k)fluoranthene	22.77	252	16224	0.208	ng/ul	94
23) Benzo(a)pyrene	23.32	252	1826	0.029	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.60	276	2990	0.038	ng/ul#	100
26) Benzo(g,h,i)perylene	26.26	276	1490	0.023	ng/ul#	86

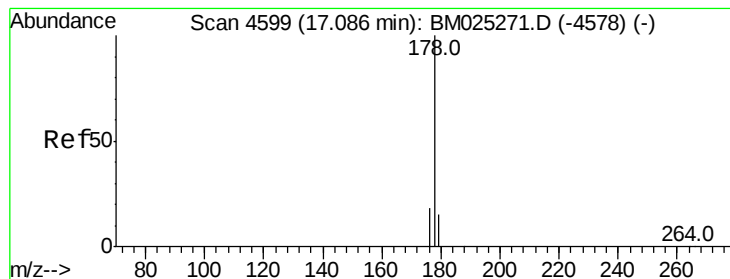
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.050 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. 0.09 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

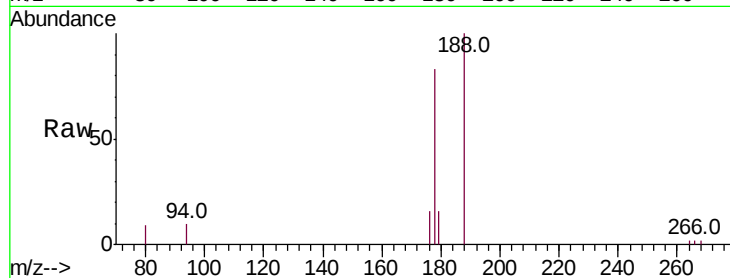
Tot Ion:178 Resp: 3768

Ion Ratio Lower Upper

178 100

179 19.1 14.0 21.0

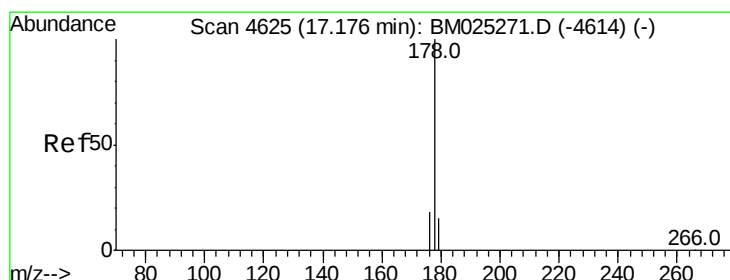
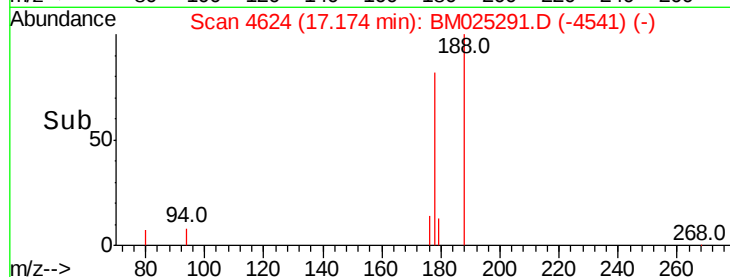
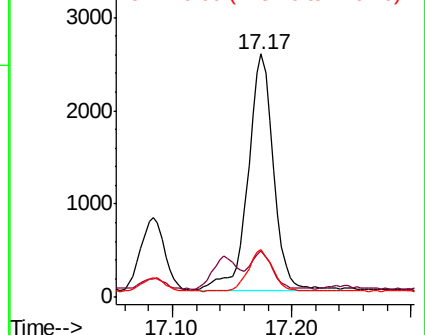
176 19.6 16.6 24.8



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: 0.056 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. -0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

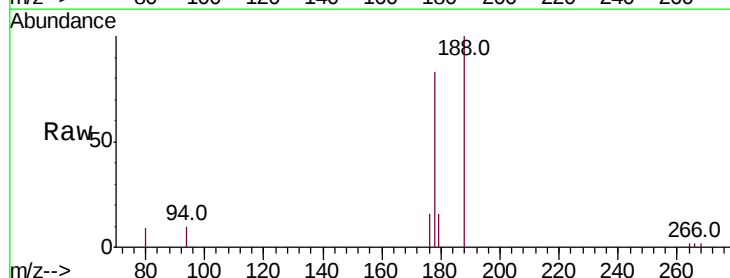
Tgt Ion:178 Resp: 3768

Ion Ratio Lower Upper

178 100

179 19.1 14.1 21.1

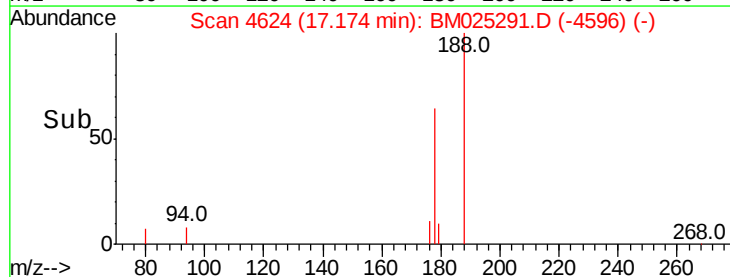
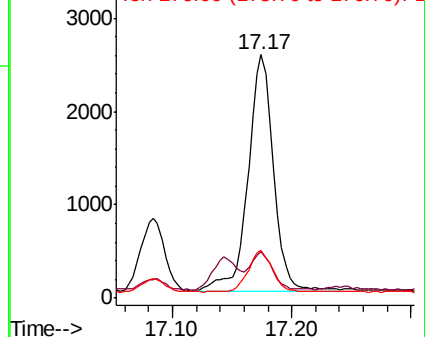
176 19.6 16.2 24.4

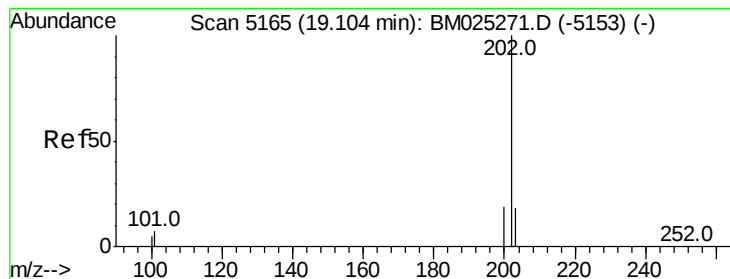


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.030 ng/ul

RT: 19.10 min Scan# 5164

Delta R.T. -0.00 min

Lab File: BM025291.D

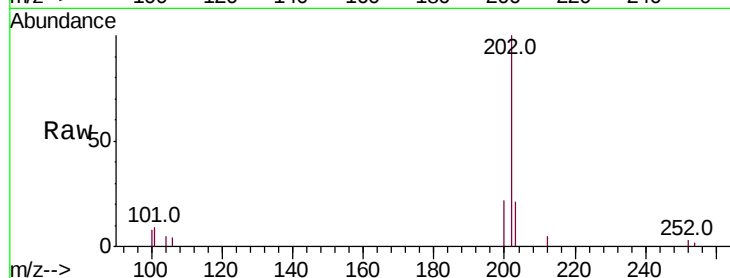
Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

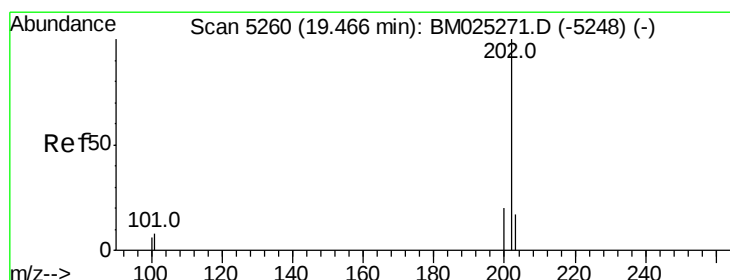
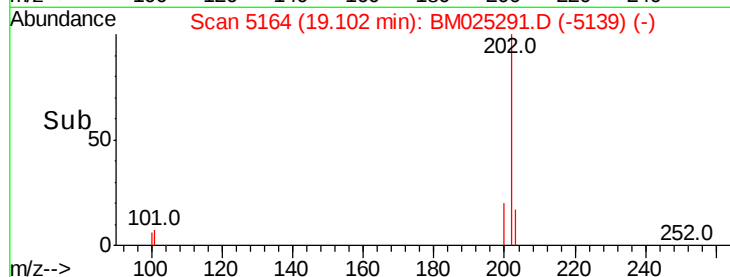
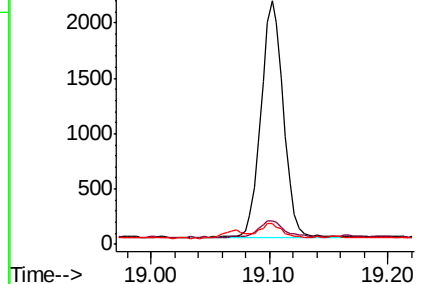
Tot Ion:	202	Resp:	2832
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
100	8.4	0.0	28.0



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): B



#17

Pyrene

Concen: 0.055 ng/ul

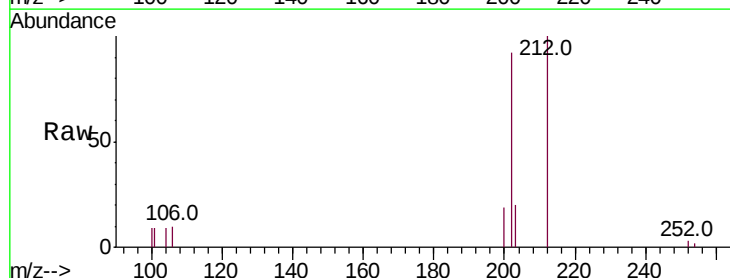
RT: 19.46 min Scan# 5259

Delta R.T. -0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

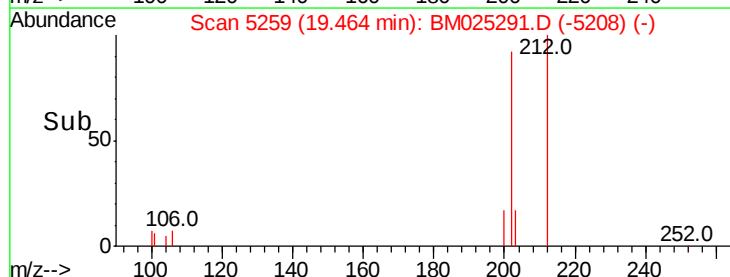
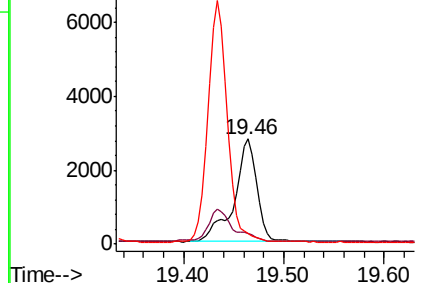
Tgt Ion:	202	Resp:	4379
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	9.9	7.3	10.9

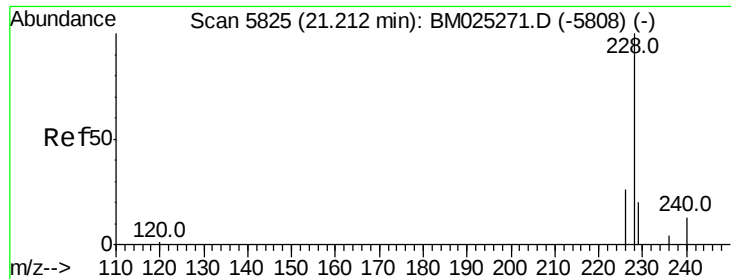


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.022 ng/ul

RT: 21.21 min Scan# 5825

Delta R.T. 0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

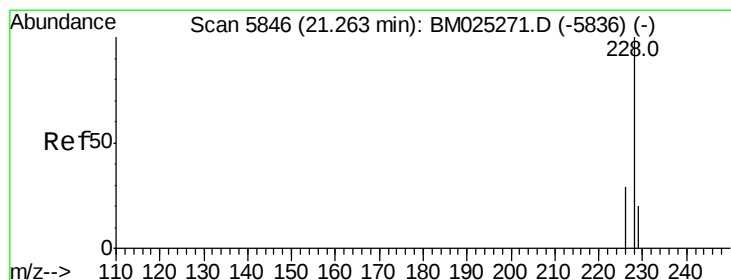
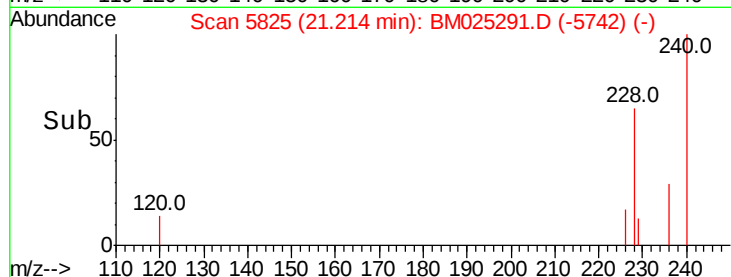
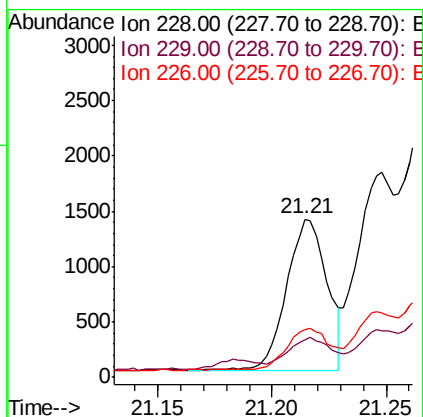
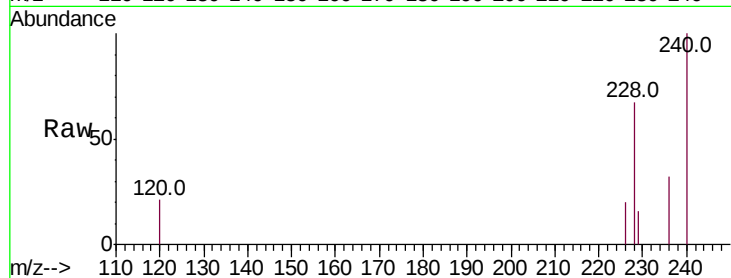
Tot Ion:228 Resp: 1692

Ion Ratio Lower Upper

228 100

229 24.0 16.6 25.0

226 30.0 21.9 32.9



#19

Chrysene

Concen: 0.027 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

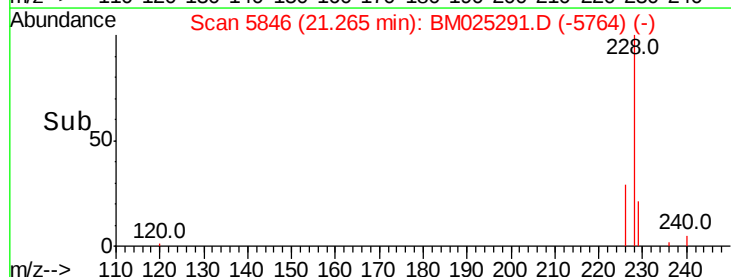
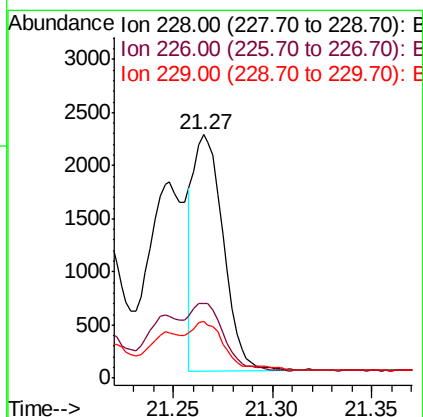
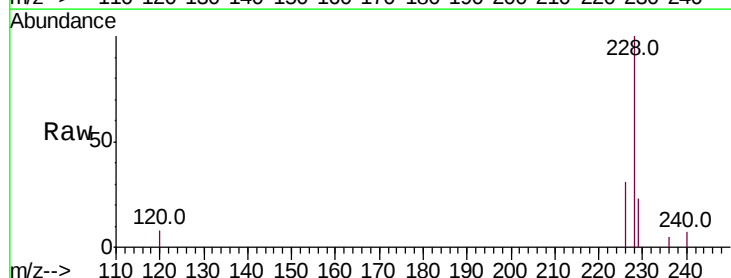
Tgt Ion:228 Resp: 2317

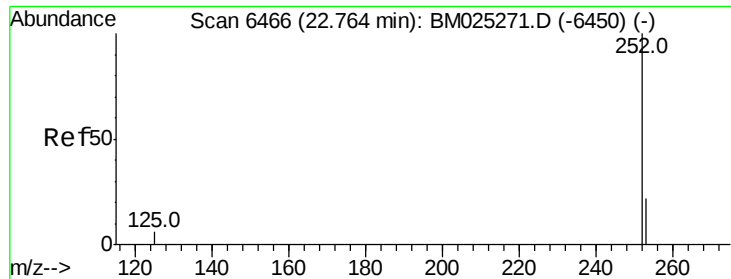
Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

229 23.3 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 0.218 ng/ul

RT: 22.77 min Scan# 6468

Delta R.T. 0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

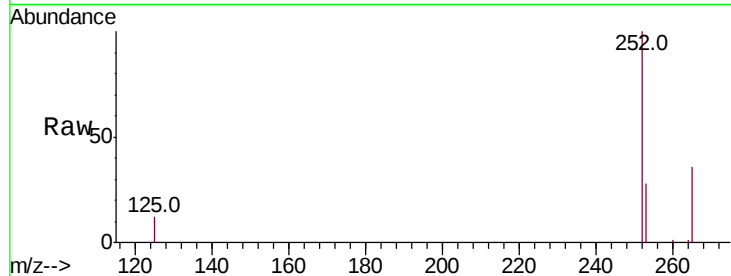
Tot Ion:252 Resp: 16260

Ion Ratio Lower Upper

252 100

253 27.7 0.0 49.8

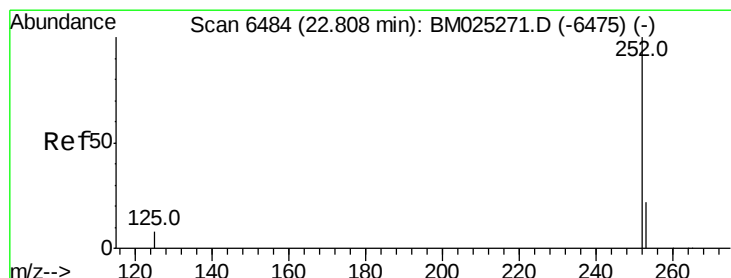
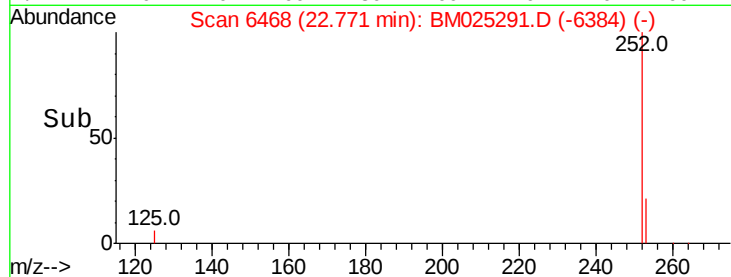
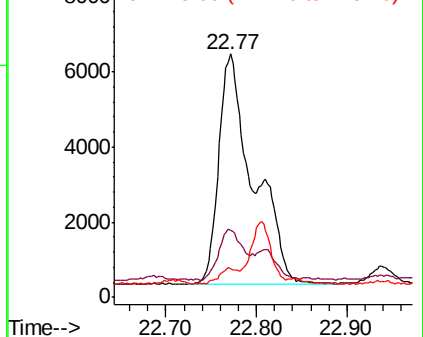
125 11.6 0.0 28.6



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: 0.208 ng/ul

RT: 22.77 min Scan# 6468

Delta R.T. -0.04 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

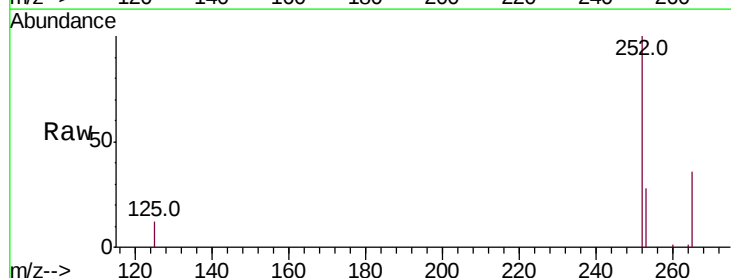
Tgt Ion:252 Resp: 16224

Ion Ratio Lower Upper

252 100

253 27.7 19.4 29.0

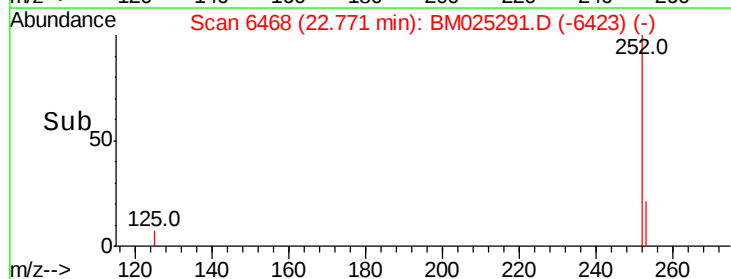
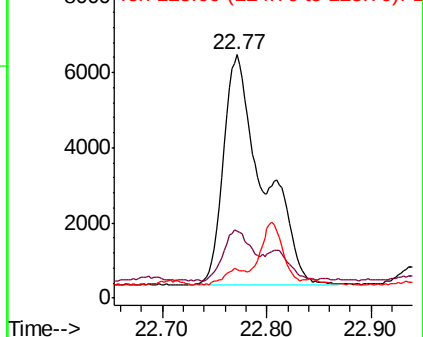
125 11.6 10.7 16.1

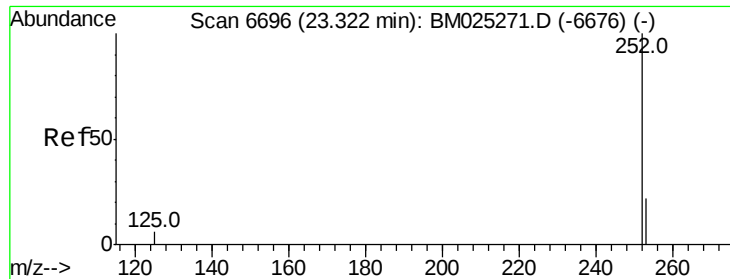


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.029 ng/u1

RT: 23.32 min Scan# 6696

Delta R.T. 0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

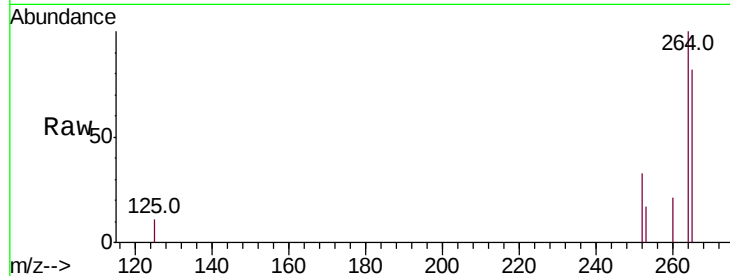
Tot Ion:252 Resp: 1826

Ion Ratio Lower Upper

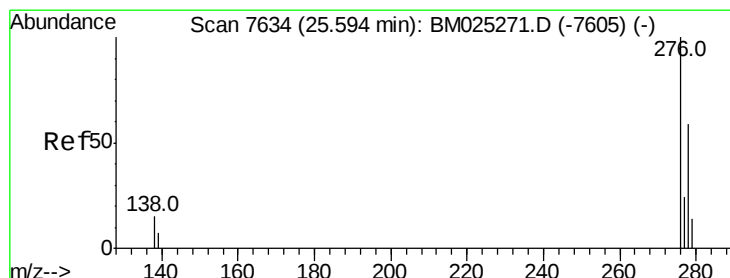
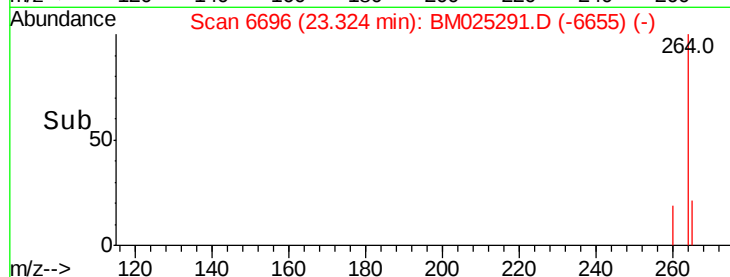
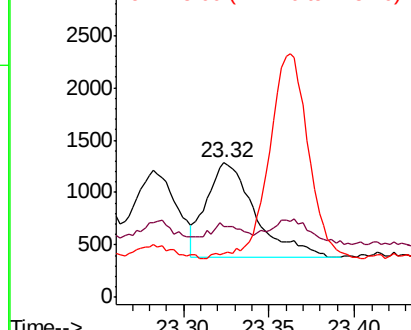
252 100

253 52.4 20.3 30.5#

125 33.1 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: 0.038 ng/u1

RT: 25.60 min Scan# 7636

Delta R.T. -0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

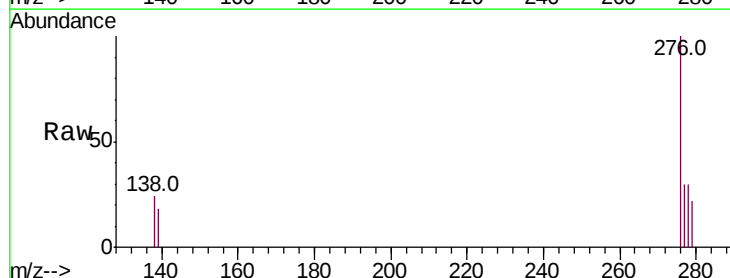
Tgt Ion:276 Resp: 2990

Ion Ratio Lower Upper

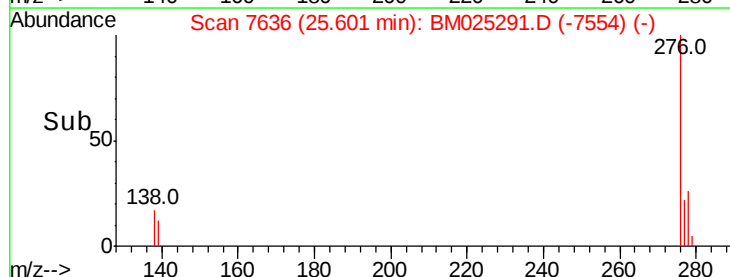
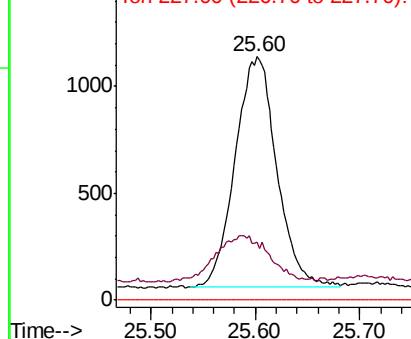
276 100

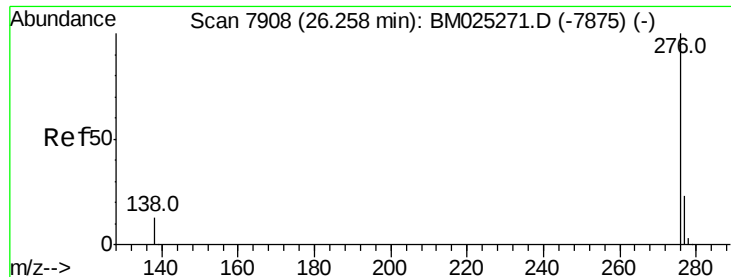
138 25.2 0.0 0.0#

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: 0.023 ng/ul

RT: 26.26 min Scan# 7909

Delta R.T. 0.00 min

Lab File: BM025291.D

Acq: 05 Mar 2020 17:07

Instrument :

BNA_M

ClientSampleId :

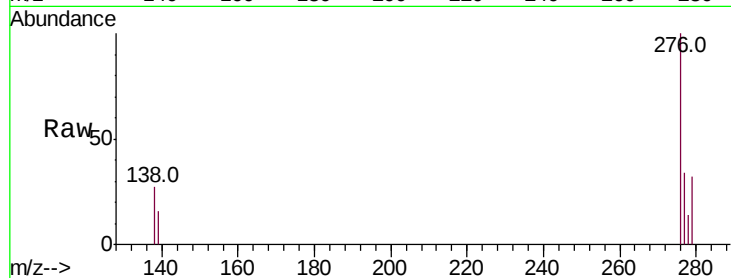
Tot Ion:276 Resp: 1490

Ion Ratio Lower Upper

276 100

138 27.4 17.9 26.9#

277 34.4 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

