

Data File : BM027595.D
Acq On : 02 Oct 2020 23:36
Operator : JU/CG
Sample : L4166-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Quant Time: Oct 03 01:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

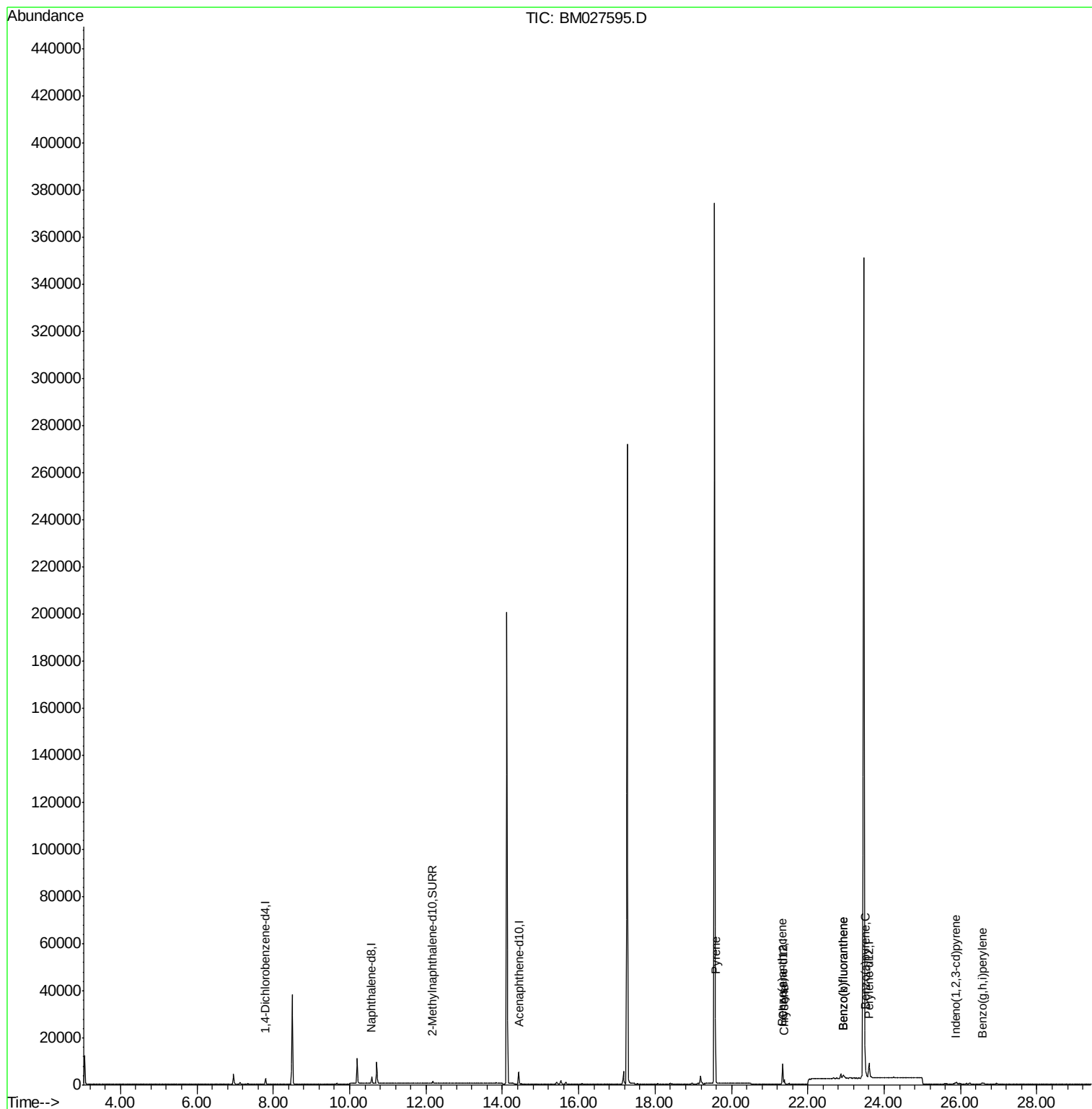
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1324	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	2823	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.17
16) Chrysene-d12	21.34	240	7463	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8198	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	1368	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	4218	0.00	ng/ul	0.00
Target Compounds						
					Qvalue	
17) Pyrene	19.58	202	833	0.024	ng/ul#	74
18) Benzo(a)anthracene	21.33	228	883	0.030	ng/ul#	83
19) Chrysene	21.38	228	1635	0.054	ng/ul#	90
21) Benzo(b)fluoranthene	22.93	252	3407	0.103	ng/ul#	54
22) Benzo(k)fluoranthene	22.93	252	3407	0.099	ng/ul#	54
23) Benzo(a)pyrene	23.51	252	1592	0.054	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.88	276	1056	0.028	ng/ul#	93
26) Benzo(g,h,i)perylene	26.57	276	959	0.030	ng/ul#	68

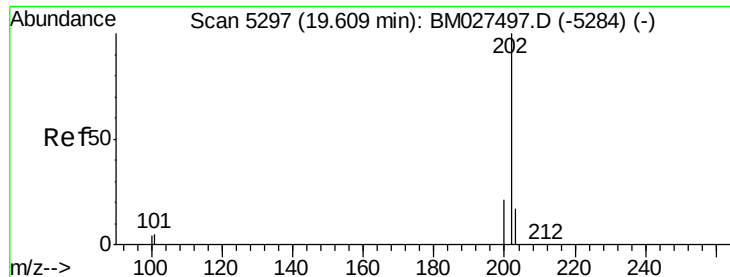
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.024 ng/ul

RT: 19.58 min Scan# 5291

Delta R.T. -0.01 min

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ClientSampleId :

C0AB9

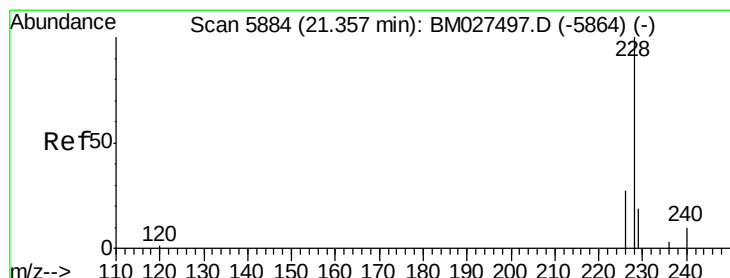
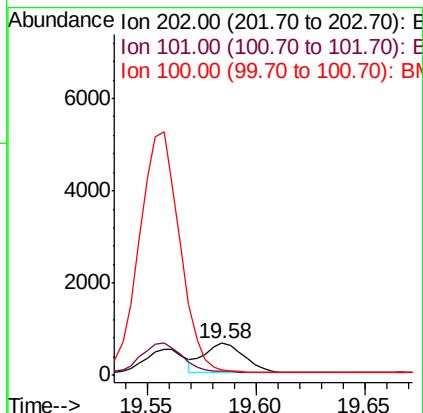
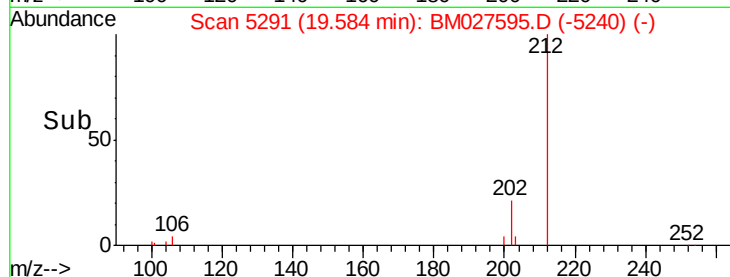
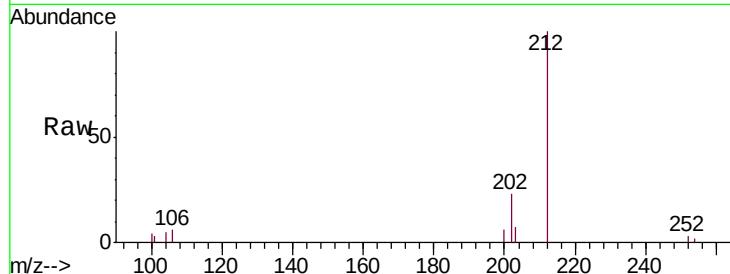
Tgt Ion:202 Resp: 833

Ion Ratio Lower Upper

202 100

101 12.8 4.7 7.1#

100 16.0 3.9 5.9#



#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.33 min Scan# 5872

Delta R.T. -0.01 min

Lab File: BM027595.D

Acq: 02 Oct 2020 23:36

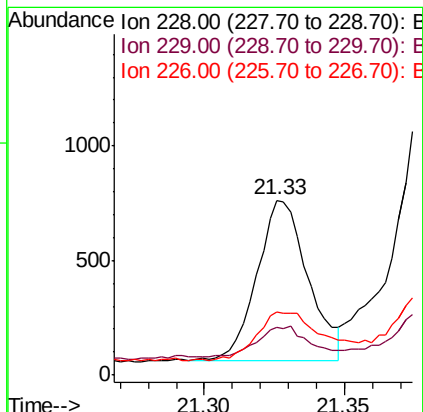
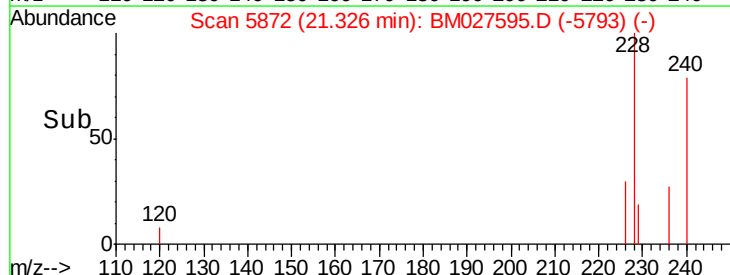
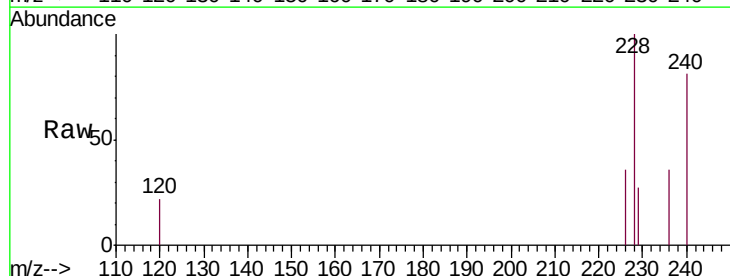
Tgt Ion:228 Resp: 883

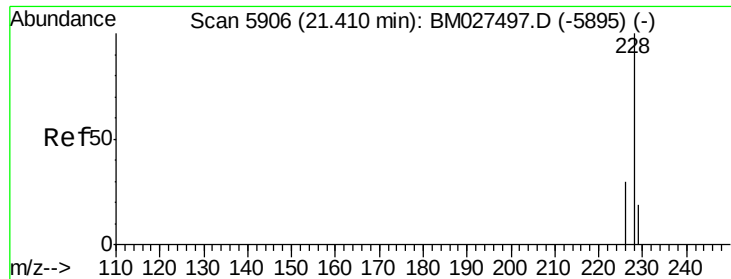
Ion Ratio Lower Upper

228 100

229 27.3 15.6 23.4#

226 35.8 21.8 32.8#





#19

Chrysene

Concen: 0.054 ng/ul

RT: 21.38 min Scan# 5894

Delta R.T. -0.01 min

Lab File: BM027595.D

Acq: 02 Oct 2020 23:36

Instrument :

BNA_M

ClientSampleId :

C0AB9

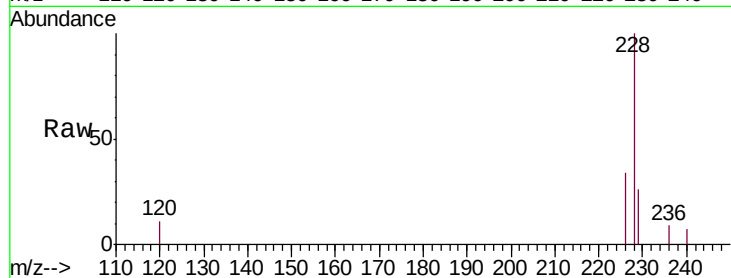
Tgt Ion:228 Resp: 1635

Ion Ratio Lower Upper

228 100

226 34.5 24.2 36.4

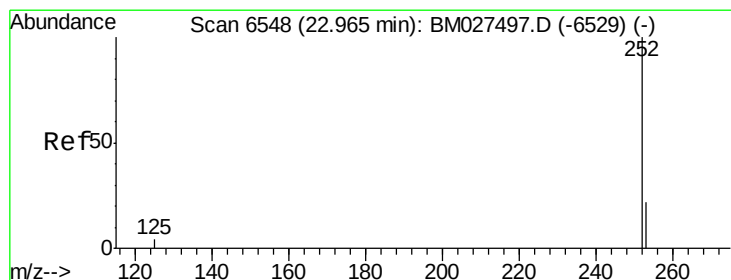
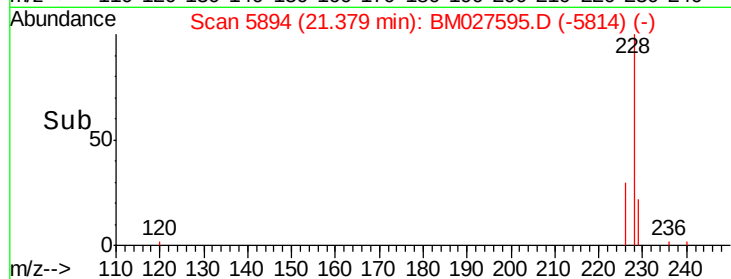
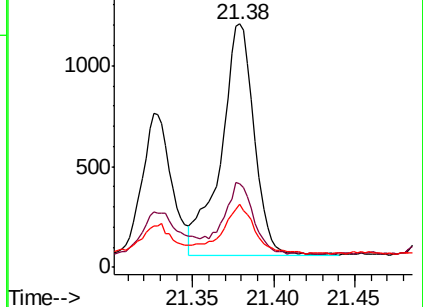
229 25.8 15.8 23.8#



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: 0.103 ng/ul

RT: 22.93 min Scan# 6533

Delta R.T. -0.01 min

Lab File: BM027595.D

Acq: 02 Oct 2020 23:36

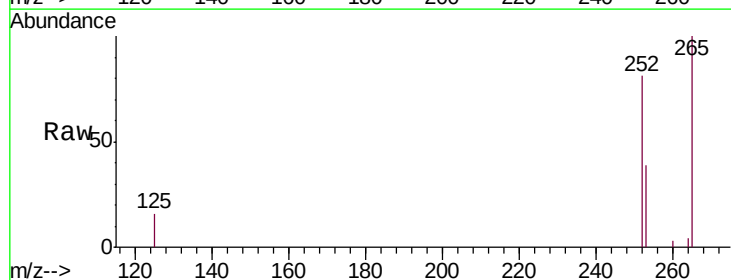
Tgt Ion:252 Resp: 3407

Ion Ratio Lower Upper

252 100

253 47.5 0.0 48.2

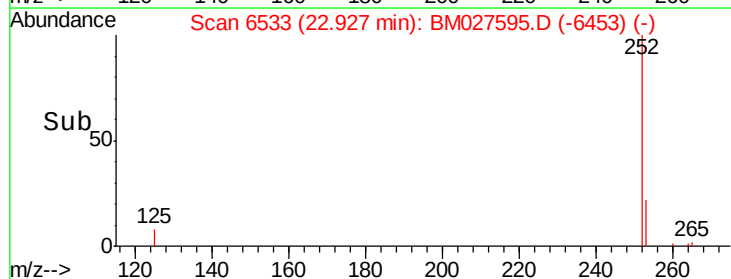
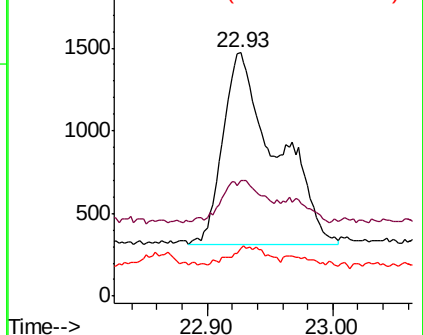
125 19.4 0.0 10.6#

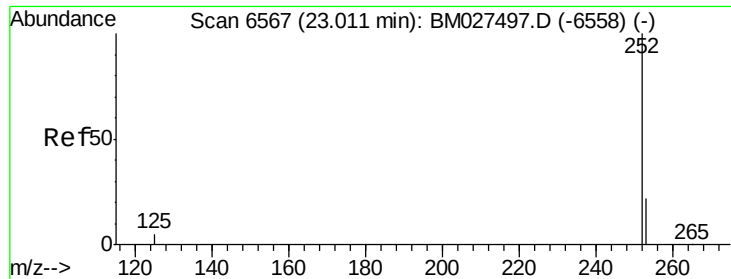


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.099 ng/ul

RT: 22.93 min Scan# 6533

Delta R.T. -0.05 min

Lab File: BM027595.D

Acq: 02 Oct 2020 23:36

Instrument :

BNA_M

ClientSampleId :

C0AB9

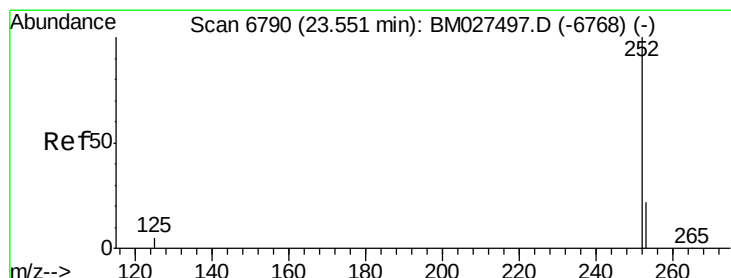
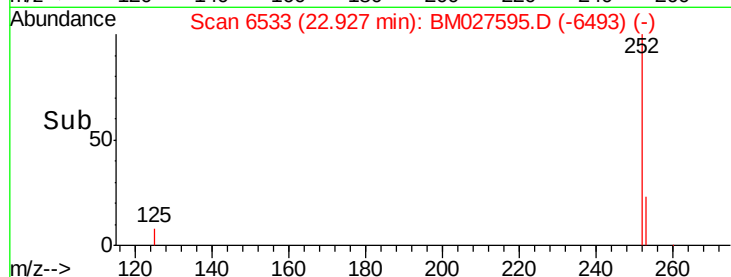
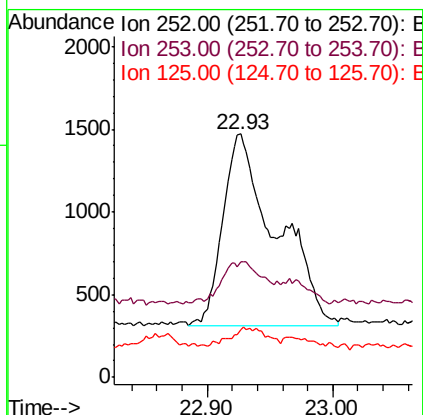
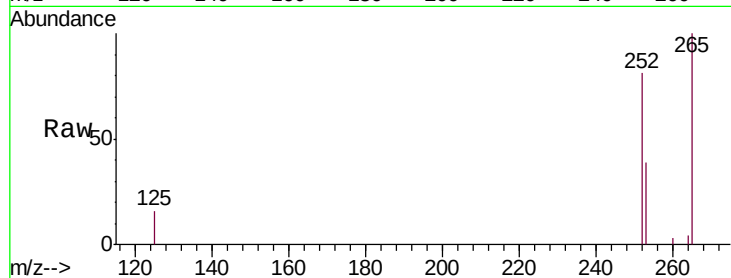
Tgt Ion:252 Resp: 3407

Ion Ratio Lower Upper

252 100

253 47.5 19.1 28.7#

125 19.4 5.0 7.4#



#23

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.51 min Scan# 6772

Delta R.T. -0.01 min

Lab File: BM027595.D

Acq: 02 Oct 2020 23:36

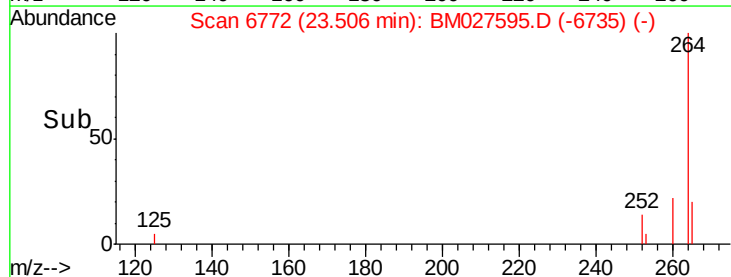
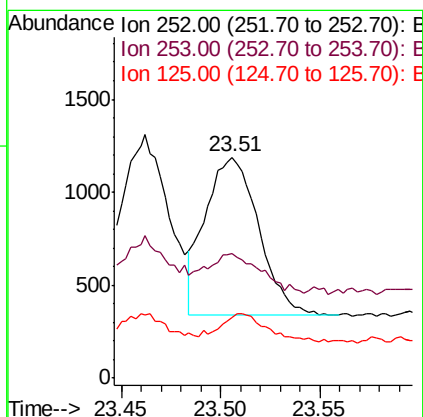
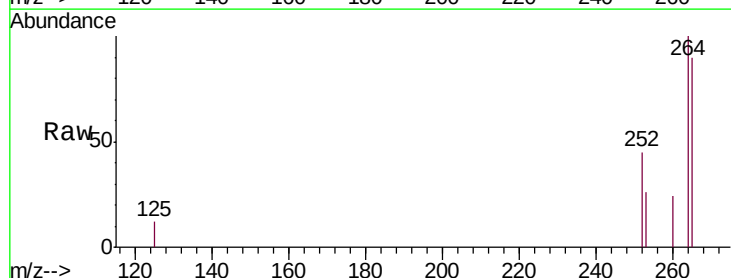
Tgt Ion:252 Resp: 1592

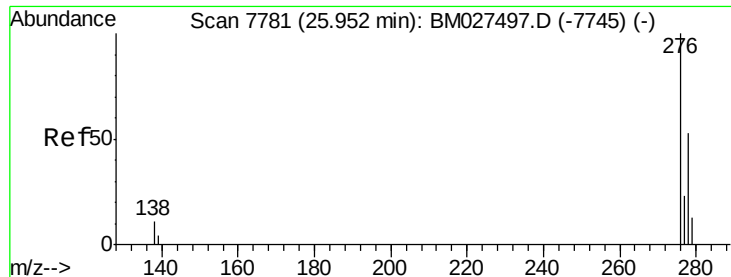
Ion Ratio Lower Upper

252 100

253 56.6 19.6 29.4#

125 27.2 5.0 7.6#



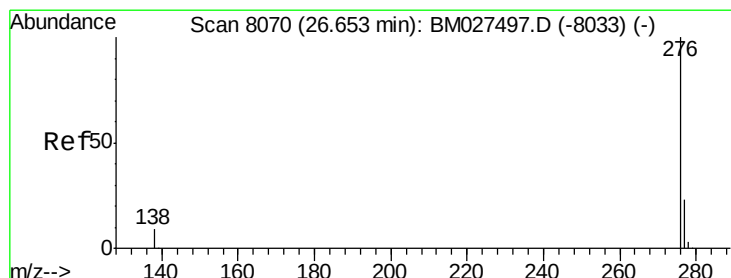
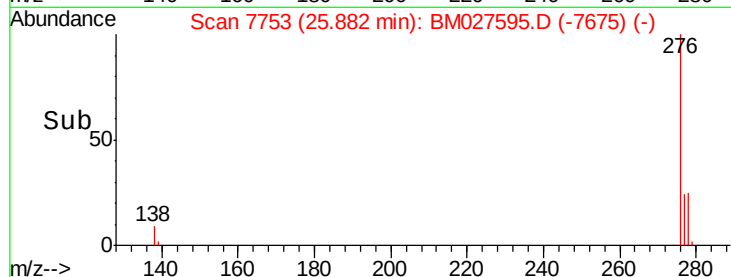
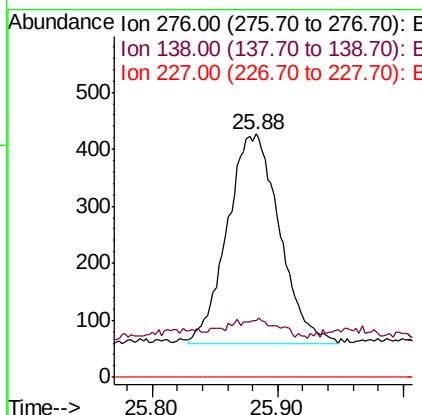
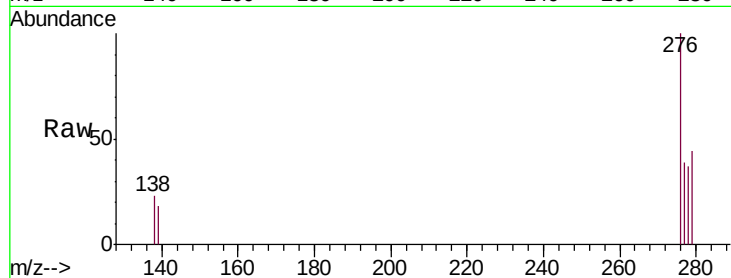


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.88 min Scan# 7753
Delta R.T. -0.01 min
Lab File: BM027595.D
Acq: 02 Oct 2020 23:36

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tgt Ion: 276 Resp: 1056
Ion Ratio Lower Upper
276 100
138 8.2 8.6 12.8#
227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.57 min Scan# 8038
Delta R.T. -0.02 min
Lab File: BM027595.D
Acq: 02 Oct 2020 23:36

Tgt Ion: 276 Resp: 959
Ion Ratio Lower Upper
276 100
138 25.0 9.0 13.4#
277 39.1 19.4 29.0#

