

Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Quant Time: Oct 03 01:38:47 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	1113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3216	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	2322	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	6250	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	6753	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	1344	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	4305	0.00	ng/ul	0.00

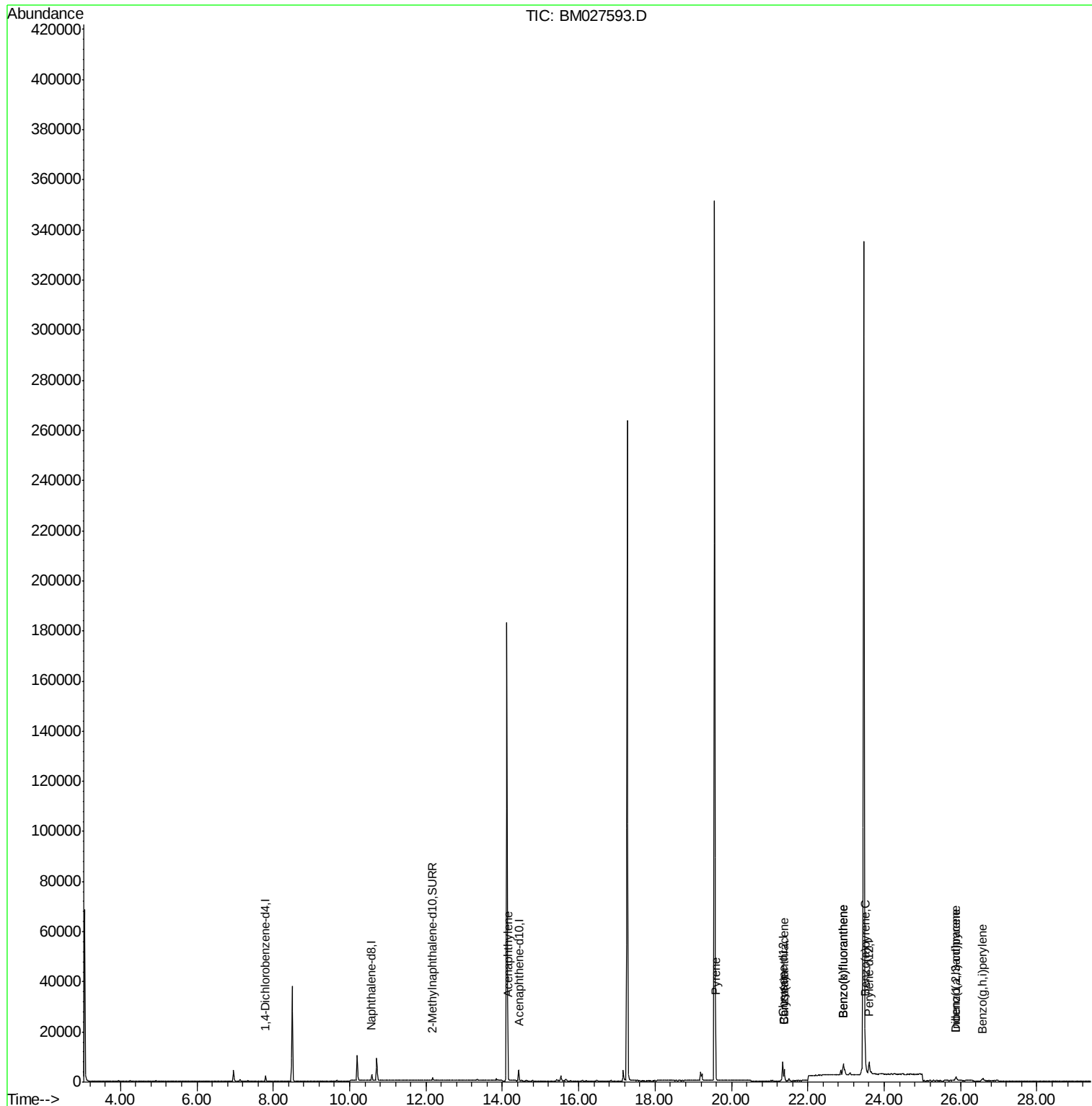
Target Compounds				Qvalue		
7) Acenaphthylene	14.15	152	348	0.029	ng/ul#	64
17) Pyrene	19.59	202	3403	0.119	ng/ul#	95
18) Benzo(a)anthracene	21.38	228	4430	0.181	ng/ul	92
19) Chrysene	21.38	228	4430	0.174	ng/ul	95
21) Benzo(b)fluoranthene	22.93	252	10148	0.373	ng/ul	84
22) Benzo(k)fluoranthene	22.93	252	10148	0.359	ng/ul#	84
23) Benzo(a)pyrene	23.51	252	4166	0.171	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.88	276	2716	0.087	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.89	278	804	0.031	ng/ul#	9
26) Benzo(g,h,i)perylene	26.58	276	2247	0.085	ng/ul#	82

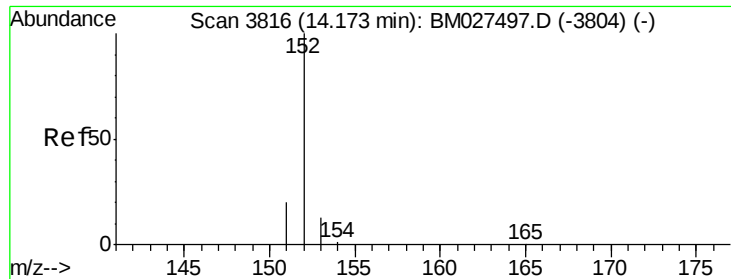
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.15 min Scan# 3809

Delta R.T. -0.00 min

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BNA_M

ClientSampleId :

C0AC5

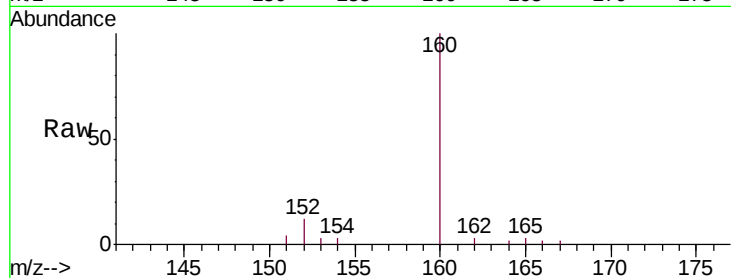
Tgt Ion:152 Resp: 348

Ion Ratio Lower Upper

152 100

151 37.1 16.6 24.8#

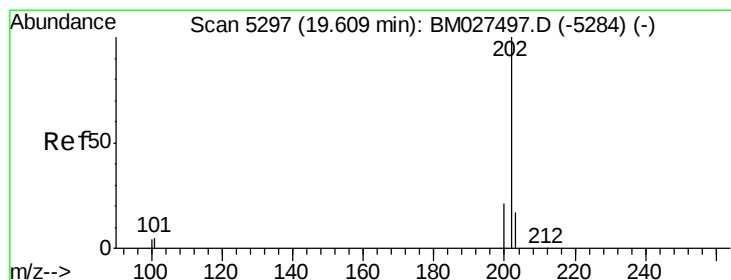
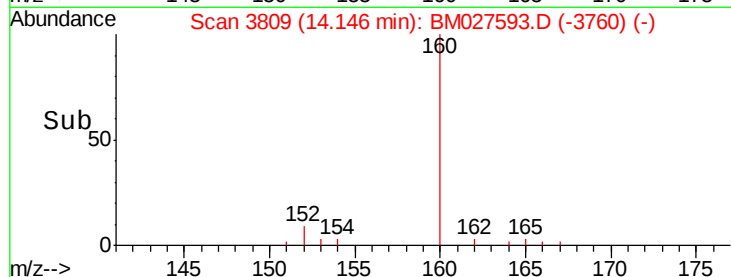
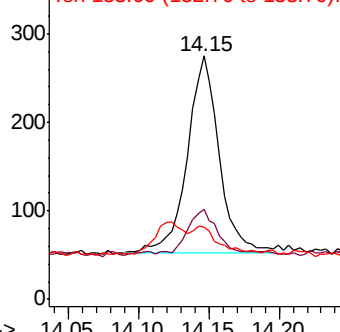
153 29.5 11.4 17.0#



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



#17

Pyrene

Concen: 0.119 ng/ul

RT: 19.59 min Scan# 5291

Delta R.T. -0.00 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

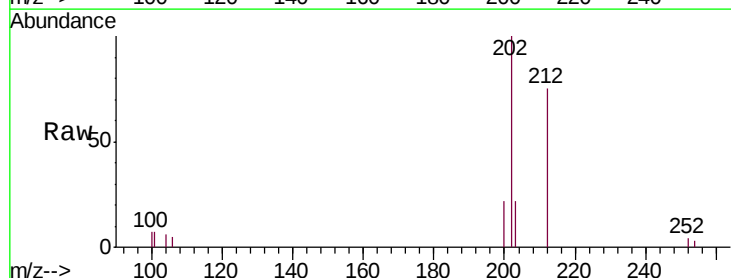
Tgt Ion:202 Resp: 3403

Ion Ratio Lower Upper

202 100

101 7.3 4.7 7.1#

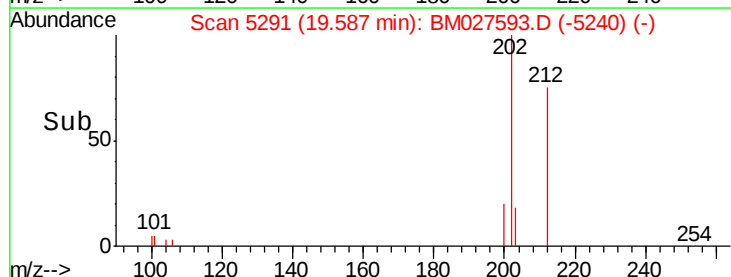
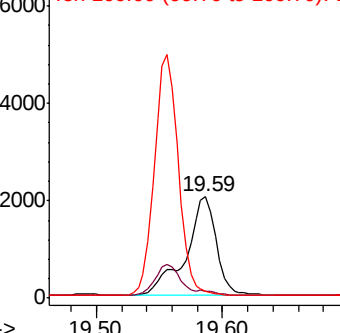
100 7.1 3.9 5.9#

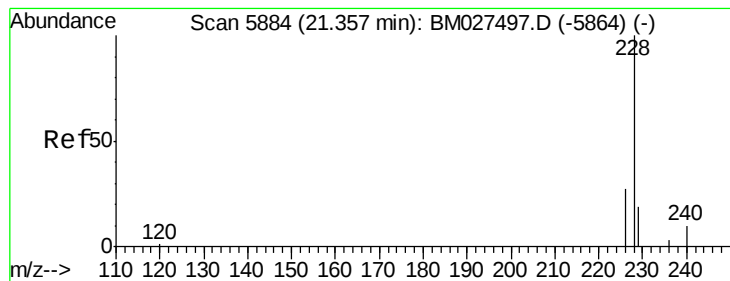


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.181 ng/ul

RT: 21.38 min Scan# 5893

Delta R.T. 0.04 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

Instrument :

BNA_M

ClientSampleId :

C0AC5

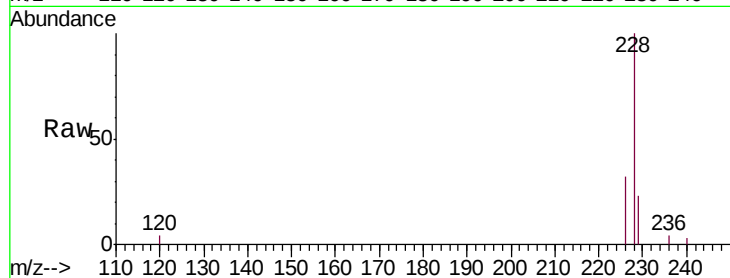
Tgt Ion:228 Resp: 4430

Ion Ratio Lower Upper

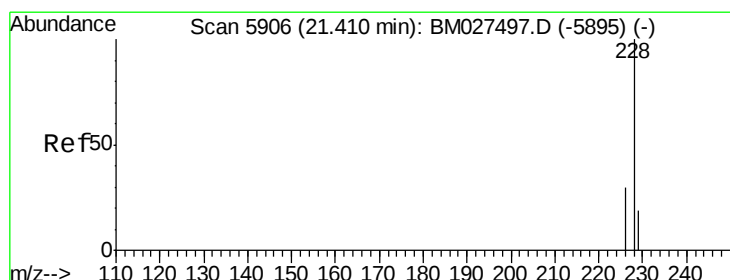
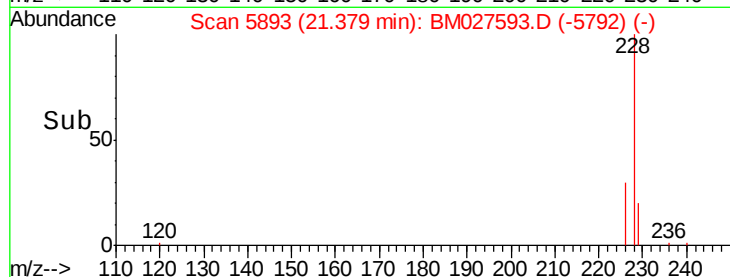
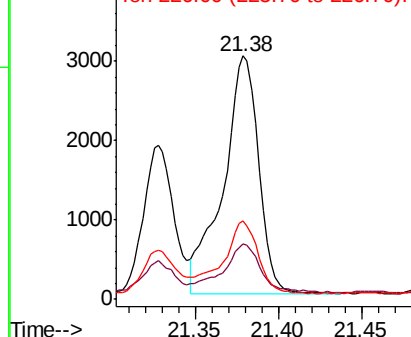
228 100

229 22.8 15.6 23.4

226 32.0 21.8 32.8



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: 0.174 ng/ul

RT: 21.38 min Scan# 5893

Delta R.T. -0.01 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

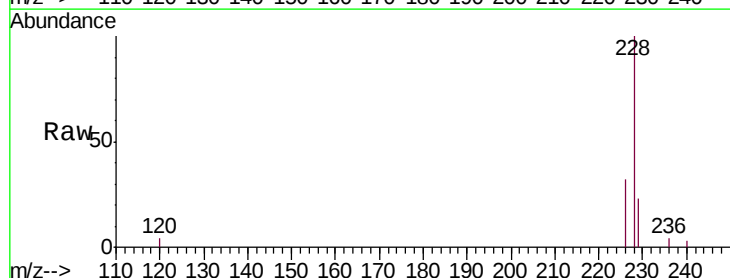
Tgt Ion:228 Resp: 4430

Ion Ratio Lower Upper

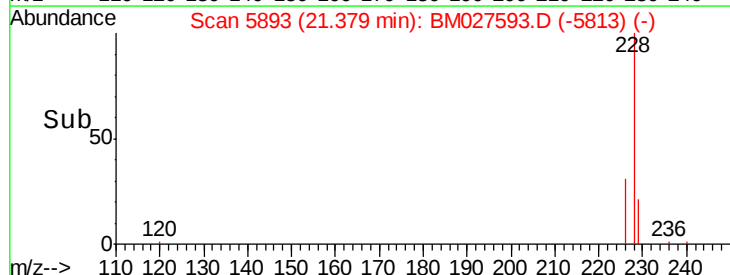
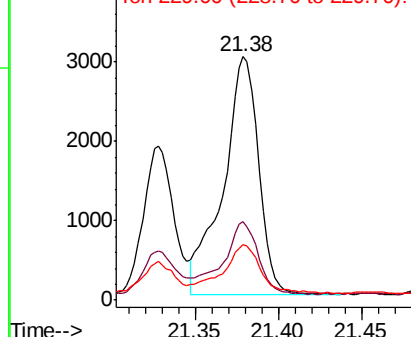
228 100

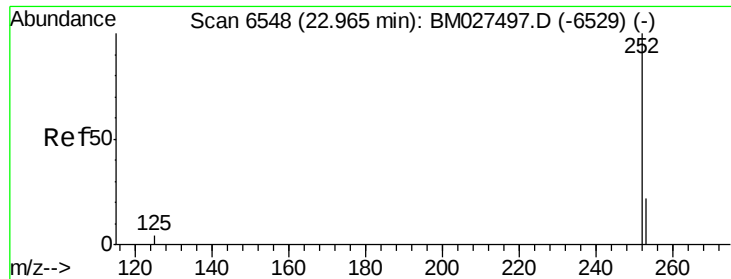
226 32.0 24.2 36.4

229 22.8 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: 0.373 ng/ul

RT: 22.93 min Scan# 6532

Delta R.T. -0.01 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

Instrument :

BNA_M

ClientSampleId :

C0AC5

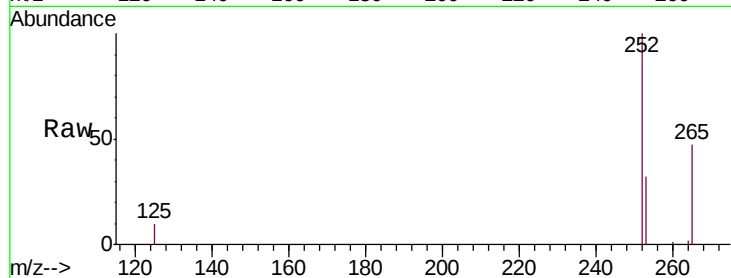
Tgt Ion:252 Resp: 10148

Ion Ratio Lower Upper

252 100

253 32.3 0.0 48.2

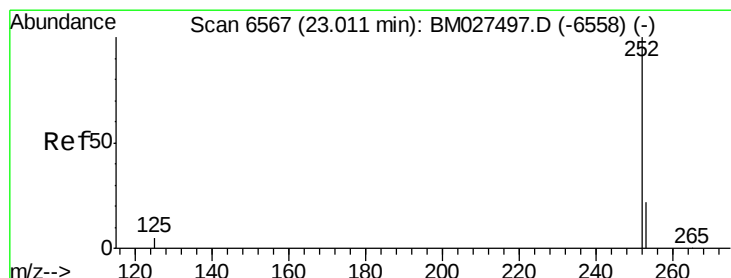
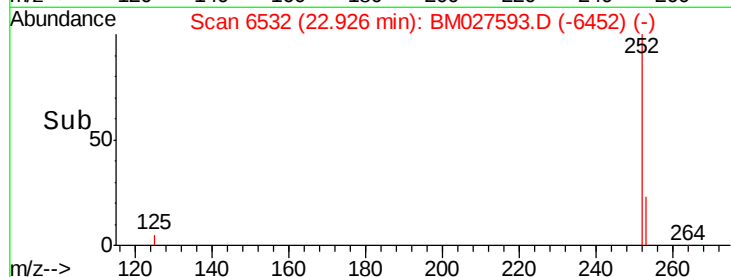
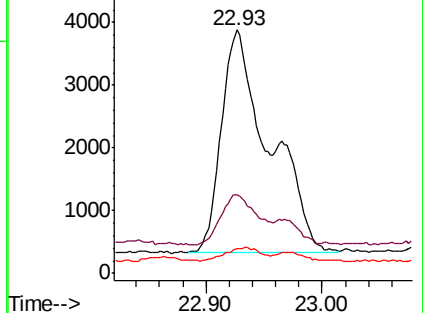
125 10.4 0.0 10.6



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: 0.359 ng/ul

RT: 22.93 min Scan# 6532

Delta R.T. -0.05 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

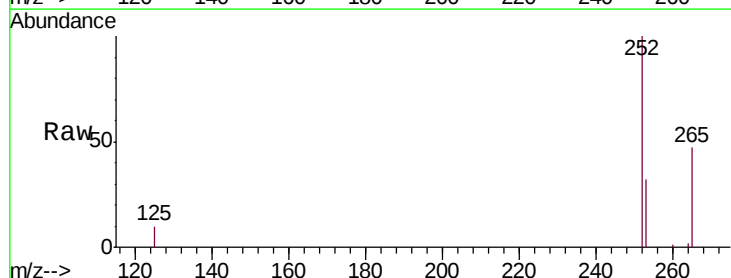
Tgt Ion:252 Resp: 10148

Ion Ratio Lower Upper

252 100

253 32.3 19.1 28.7#

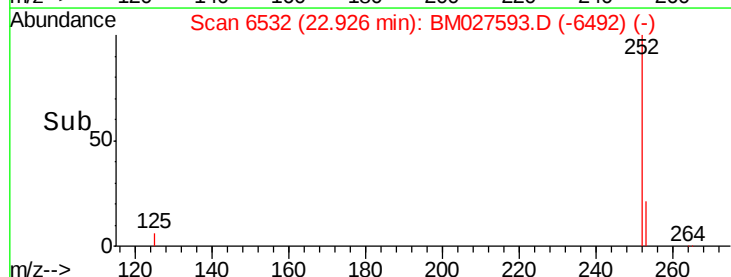
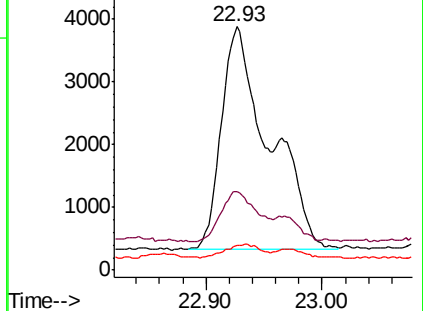
125 10.4 5.0 7.4#

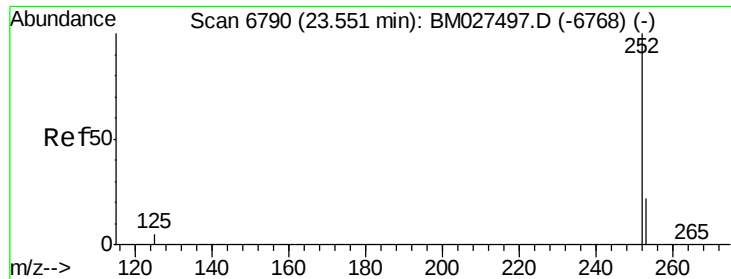


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.171 ng/ul

RT: 23.51 min Scan# 6771

Delta R.T. -0.01 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

Instrument :

BNA_M

ClientSampleId :

C0AC5

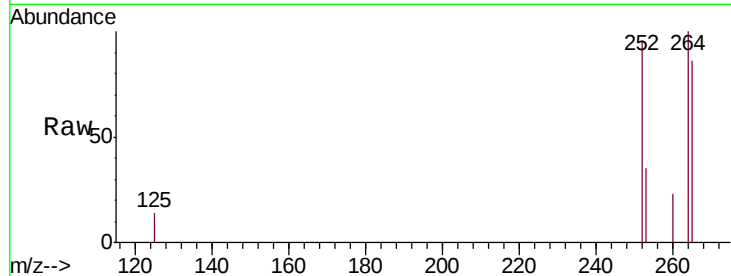
Tgt Ion:252 Resp: 4166

Ion Ratio Lower Upper

252 100

253 36.5 19.6 29.4#

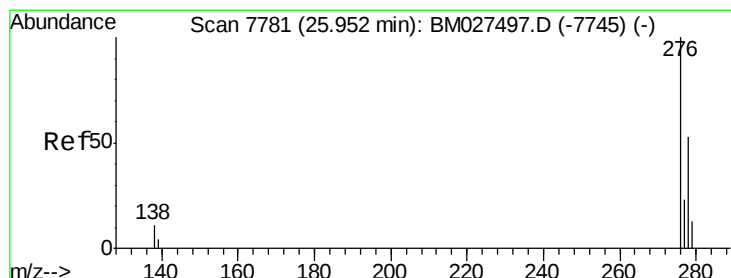
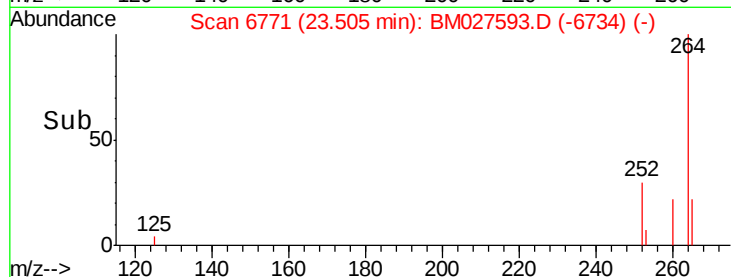
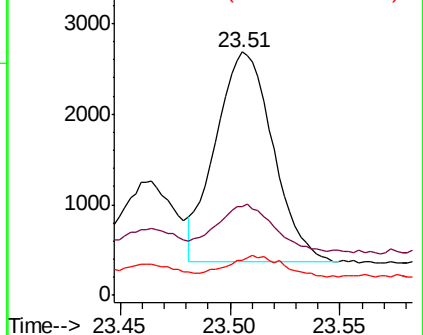
125 14.3 5.0 7.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.087 ng/ul

RT: 25.88 min Scan# 7752

Delta R.T. -0.01 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

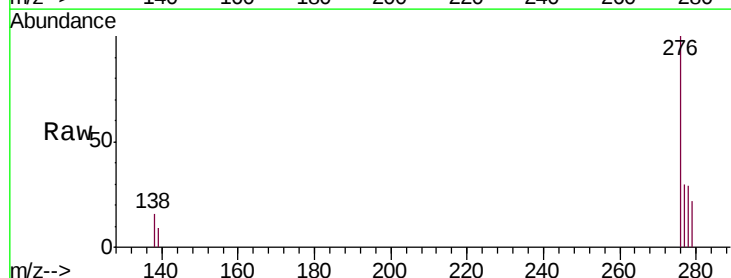
Tgt Ion:276 Resp: 2716

Ion Ratio Lower Upper

276 100

138 8.2 8.6 12.8#

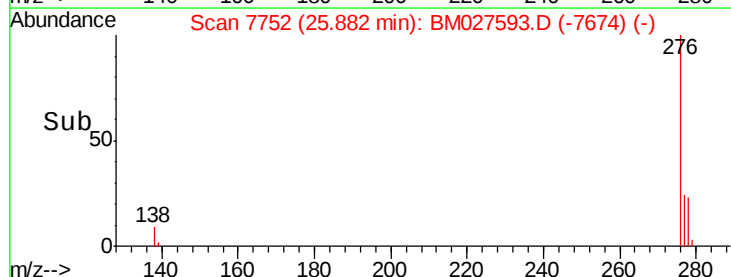
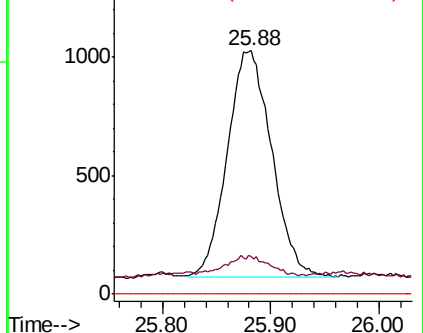
227 0.0 0.0 0.0

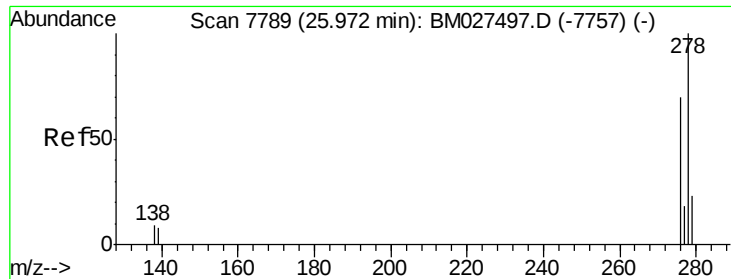


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

RT: 25.89 min Scan# 7754

Delta R.T. -0.02 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

Instrument :

BNA_M

ClientSampleId :

C0AC5

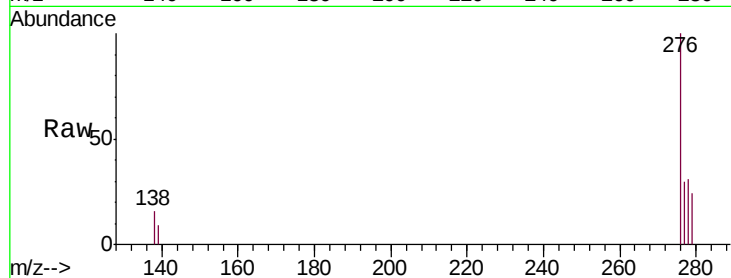
Tgt Ion:278 Resp: 804

Ion Ratio Lower Upper

278 100

139 30.2 7.6 11.4#

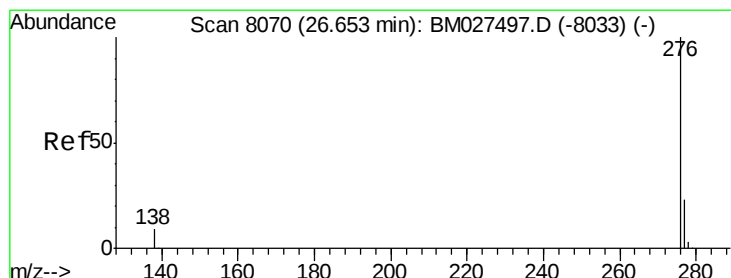
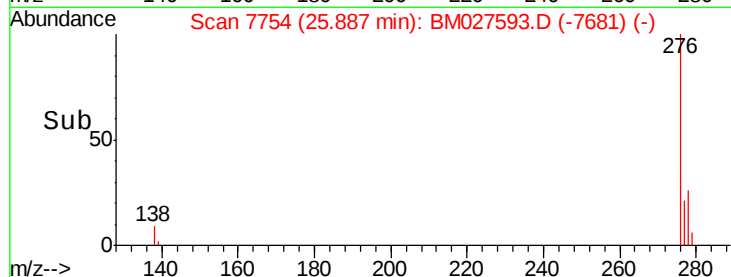
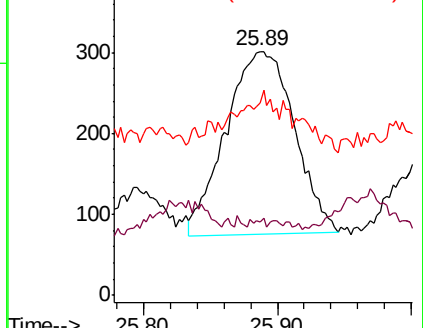
279 78.7 20.7 31.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.085 ng/ul

RT: 26.58 min Scan# 8040

Delta R.T. -0.01 min

Lab File: BM027593.D

Acq: 02 Oct 2020 22:24

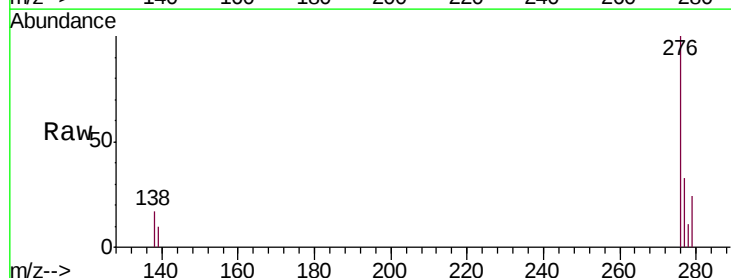
Tgt Ion:276 Resp: 2247

Ion Ratio Lower Upper

276 100

138 17.0 9.0 13.4#

277 33.5 19.4 29.0#



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

