

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027929.D
 Acq On : 24 Nov 2020 00:39
 Operator : JU/CG
 Sample : L4711-14DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B66DL

Quant Time: Nov 24 03:02:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1320	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5204	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	3029	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5275	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2974	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2716	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1075	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1649	0.12	ng/ul	0.00

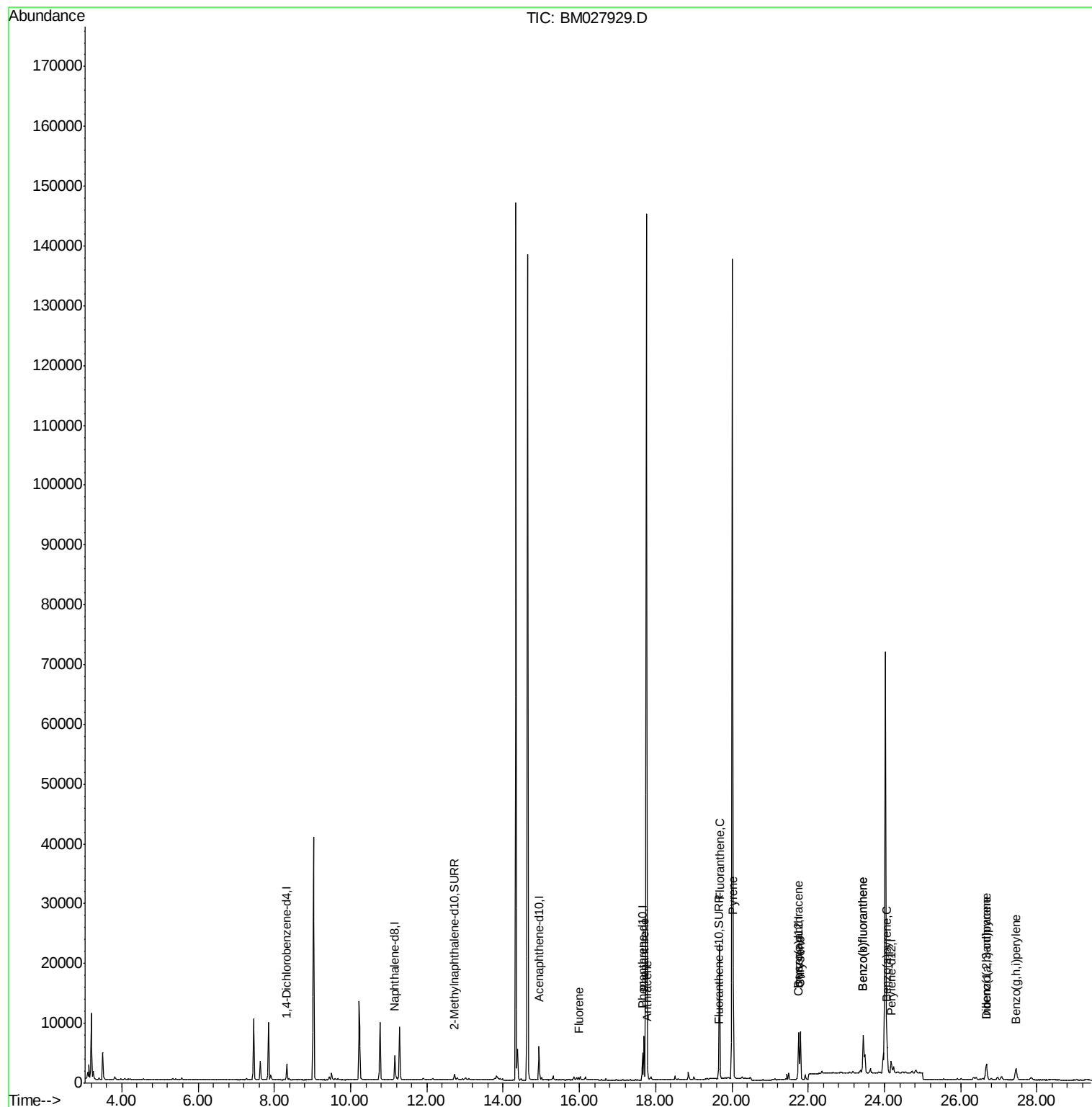
Target Compounds				Ovalue		
9) Fluorene	15.98	166	267	0.021	ng/ul#	88
12) Phenanthrene	17.70	178	7505	0.450	ng/ul	99
13) Anthracene	17.79	178	1025	0.064	ng/ul#	87
15) Fluoranthene	19.68	202	18815	1.018	ng/ul	98
17) Pyrene	20.03	202	15172	1.005	ng/ul	96
18) Benzo(a)anthracene	21.74	228	6332	0.528	ng/ul	99
19) Chrysene	21.80	228	8269	0.707	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	13378	1.172	ng/ul#	83
22) Benzo(k)fluoranthene	23.44	252	13378	1.197	ng/ul#	84
23) Benzo(a)pyrene	24.07	252	6061	0.607	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.67	276	4528	0.419	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.67	278	1150	0.128	ng/ul#	55
26) Benzo(g,h,i)perylene	27.45	276	4395	0.485	ng/ul	99

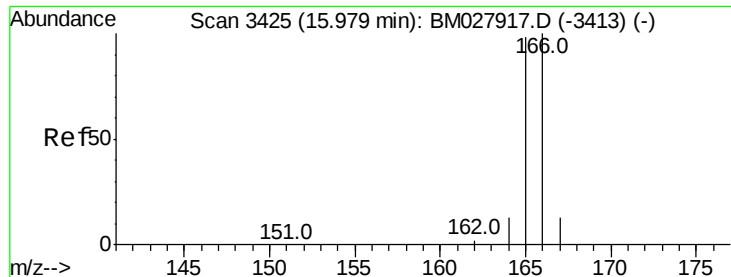
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

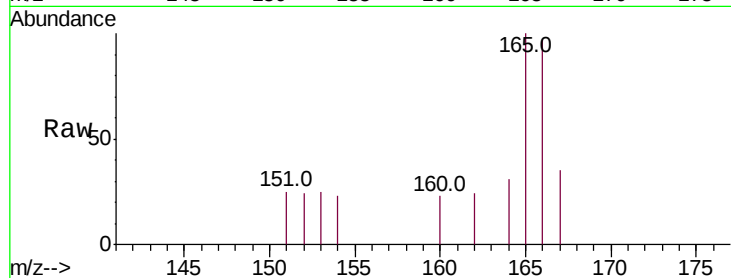
Tot Ion:166 Resp: 267

Ion Ratio Lower Upper

166 100

165 103.5 78.1 117.1

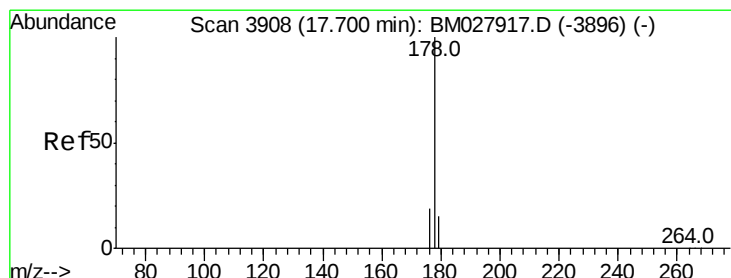
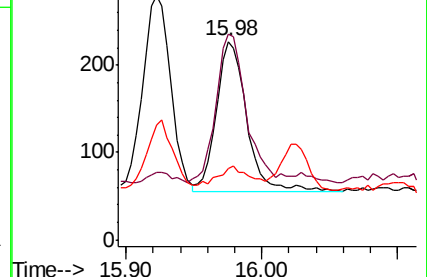
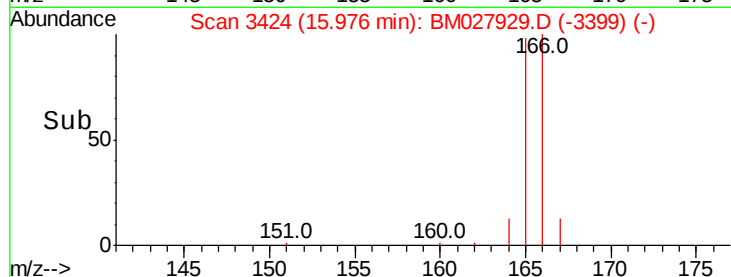
167 36.1 11.8 17.8#



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



#12

Phenanthrene

Concen: 0.450 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

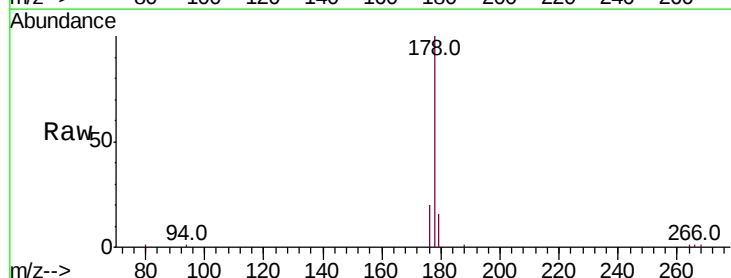
Tgt Ion:178 Resp: 7505

Ion Ratio Lower Upper

178 100

179 16.3 13.6 20.4

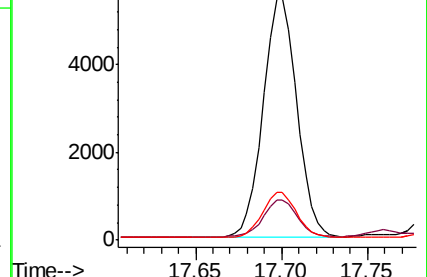
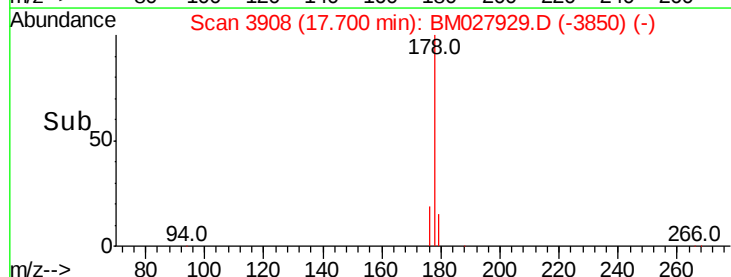
176 19.5 16.1 24.1

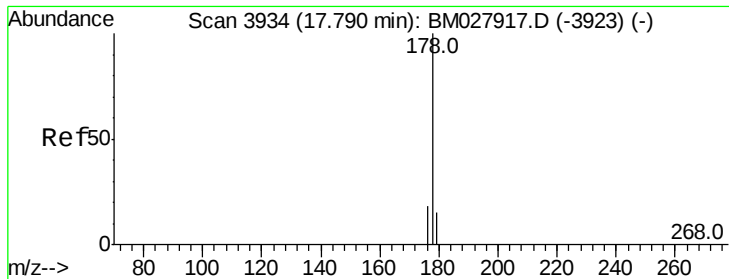


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.064 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

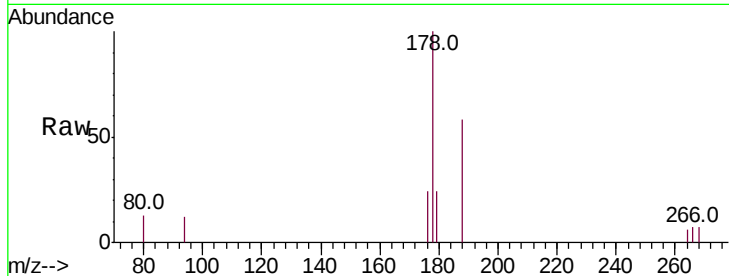
Tot Ion:178 Resp: 1025

Ion Ratio Lower Upper

178 100

179 23.5 13.4 20.2#

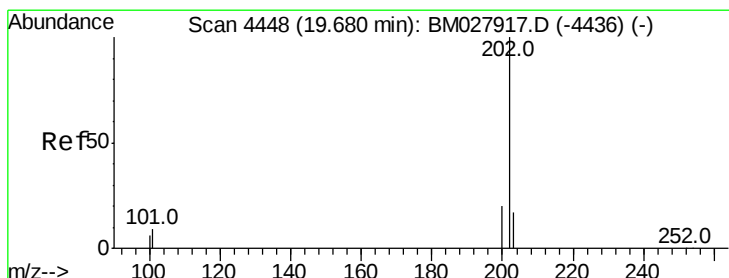
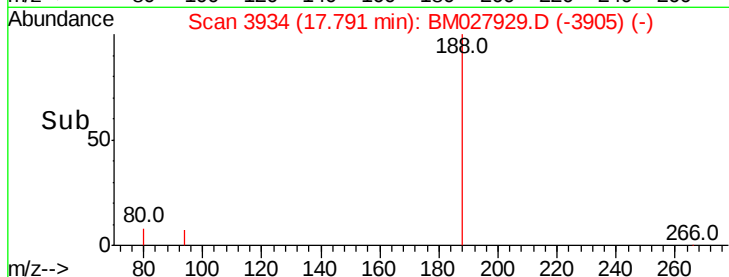
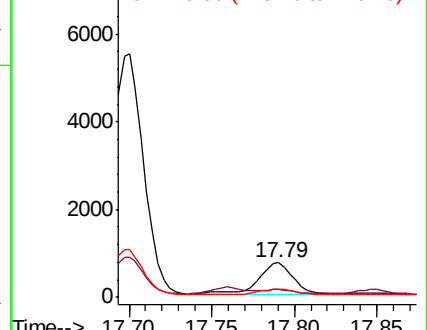
176 24.0 15.0 22.6#



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: 1.018 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

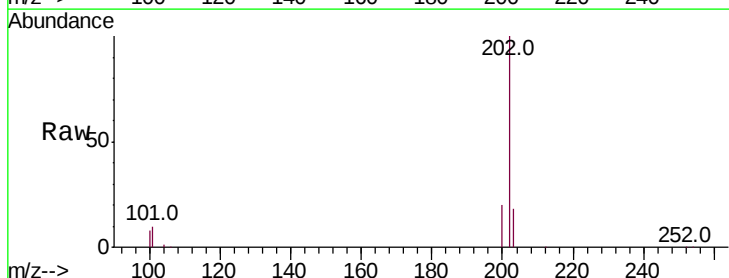
Tgt Ion:202 Resp: 18815

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

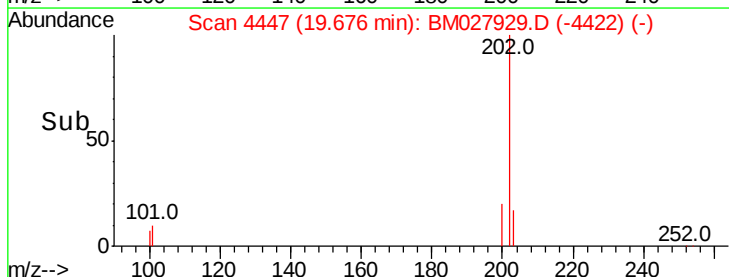
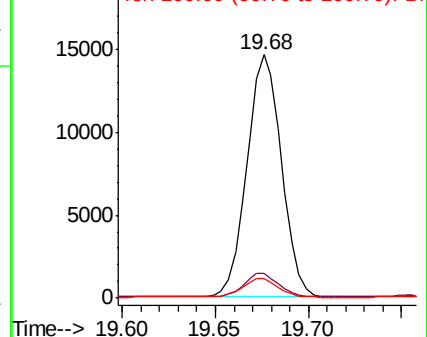
100 7.8 0.0 27.4

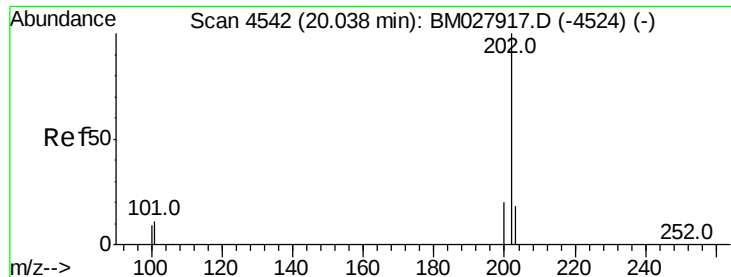


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.005 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

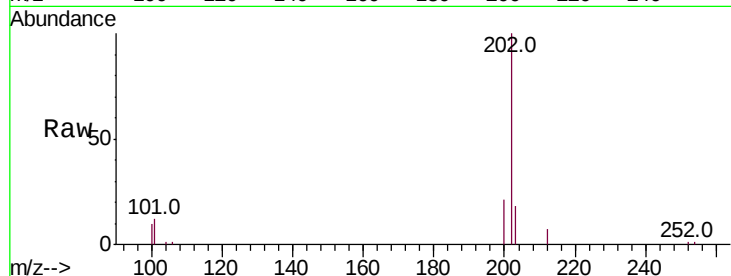
Tot Ion:202 Resp: 15172

Ion Ratio Lower Upper

202 100

101 11.7 8.2 12.2

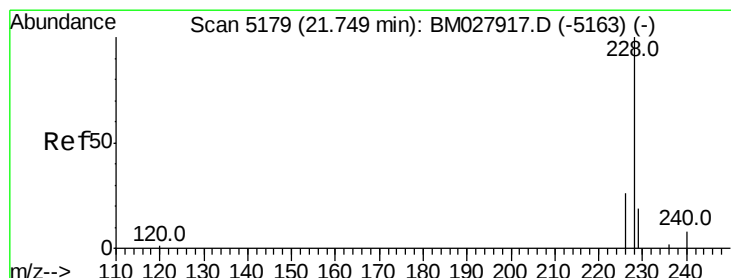
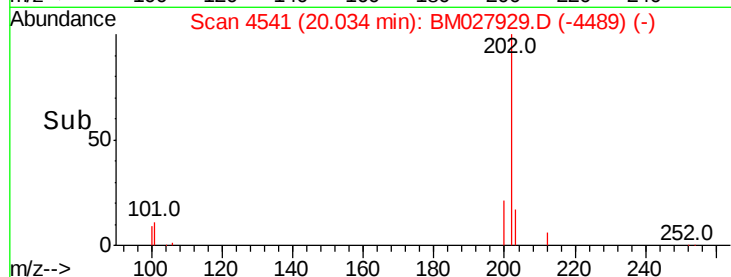
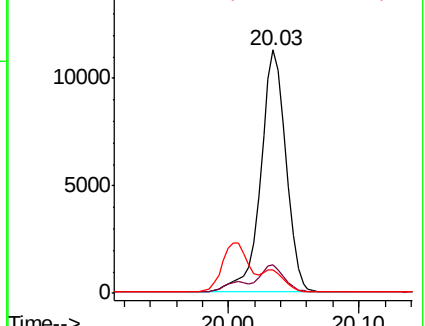
100 9.8 6.9 10.3



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: 0.528 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

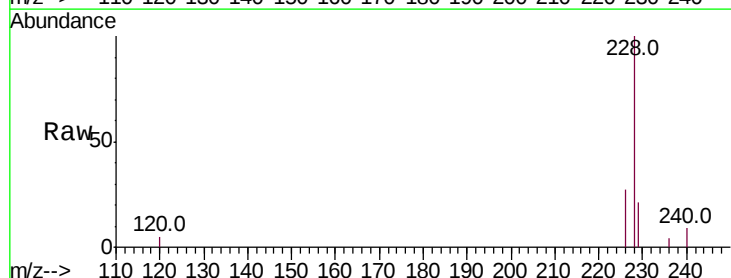
Tgt Ion:228 Resp: 6332

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

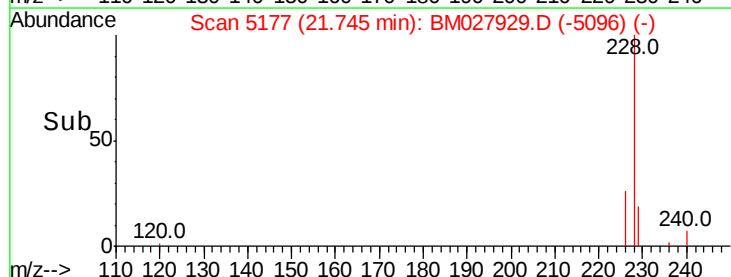
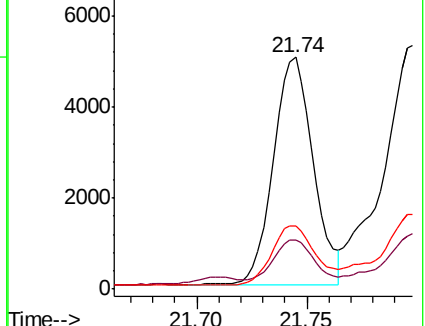
226 27.5 21.5 32.3

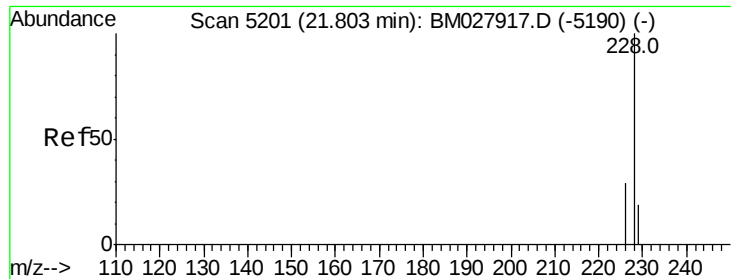


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.707 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

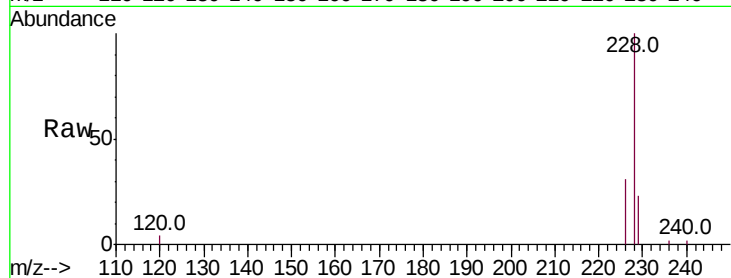
Tot Ion:228 Resp: 8269

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

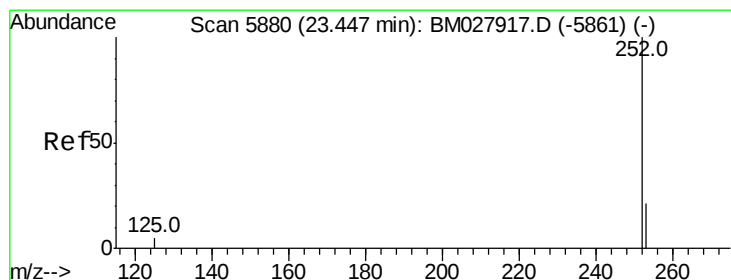
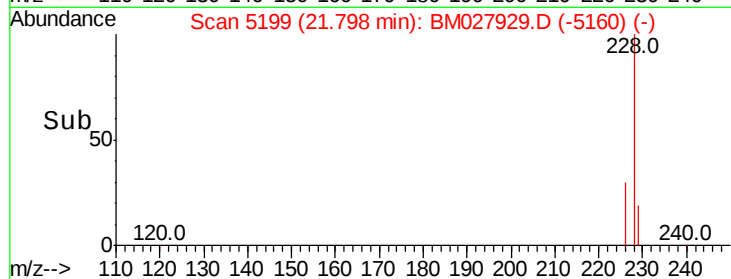
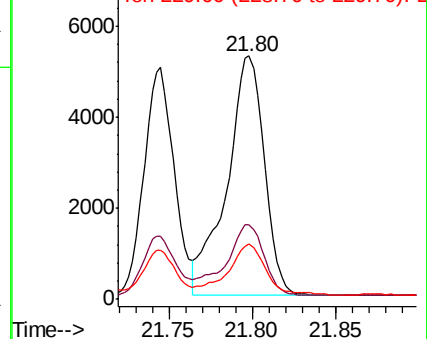
229 22.6 16.6 24.8



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: 1.172 ng/ul

RT: 23.44 min Scan# 5878

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

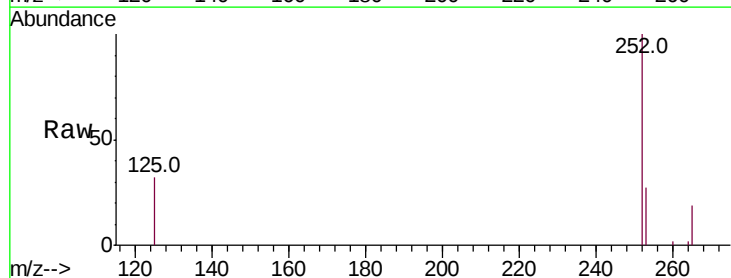
Tgt Ion:252 Resp: 13378

Ion Ratio Lower Upper

252 100

253 27.4 0.0 59.6

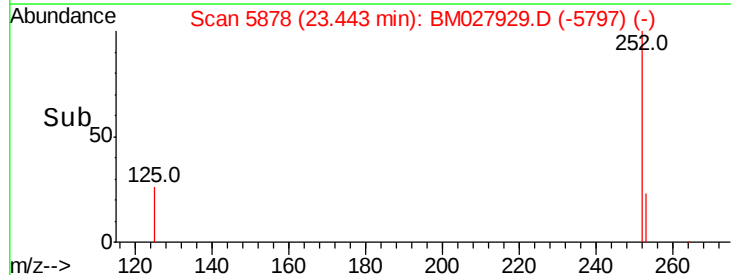
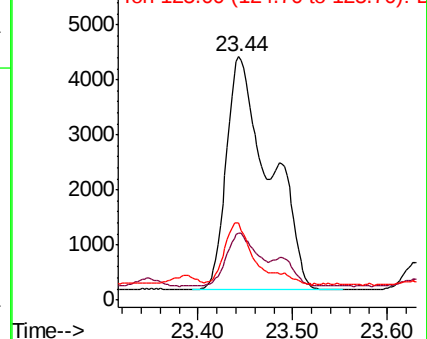
125 31.5 0.0 28.4#

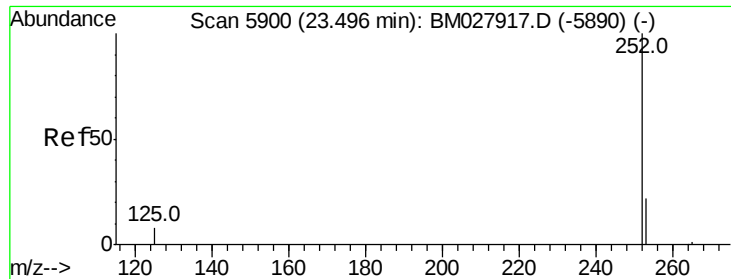


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.197 ng/ul

RT: 23.44 min Scan# 5878

Delta R.T. -0.05 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

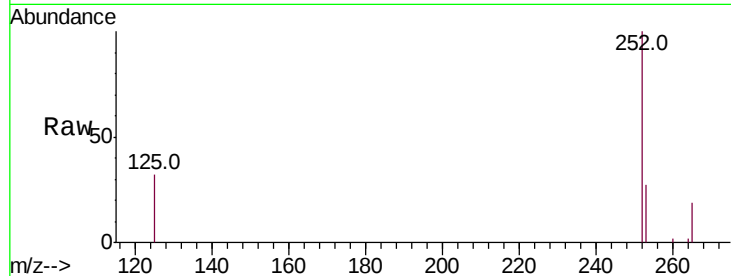
Tot Ion:252 Resp: 13378

Ion Ratio Lower Upper

252 100

253 27.4 23.2 34.8

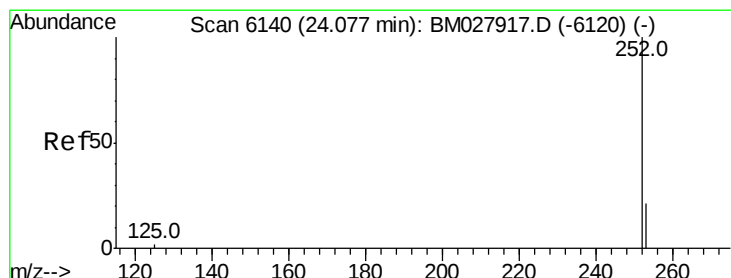
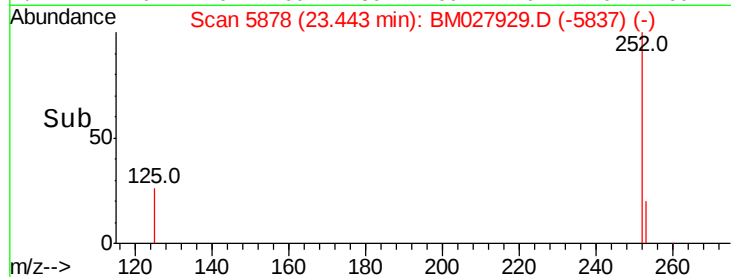
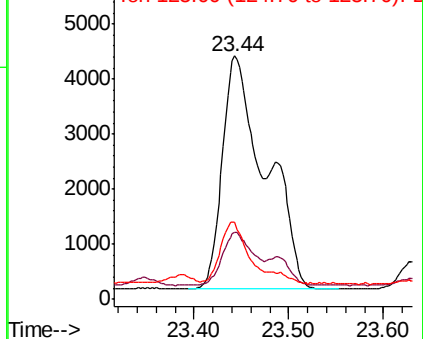
125 31.5 11.8 17.6#



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



#23

Benzo(a)pyrene

Concen: 0.607 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. -0.00 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

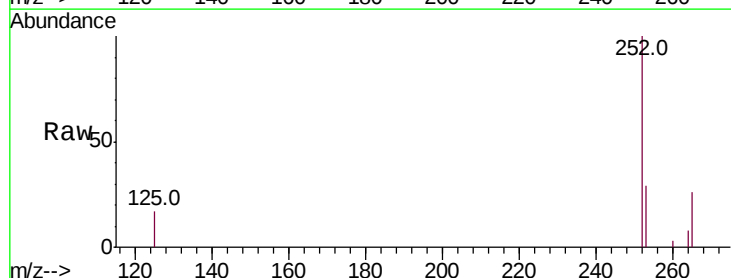
Tgt Ion:252 Resp: 6061

Ion Ratio Lower Upper

252 100

253 28.6 25.2 37.8

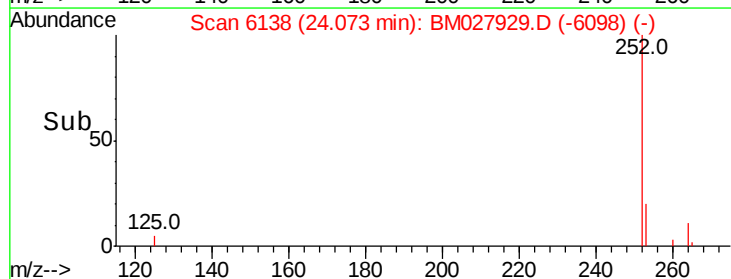
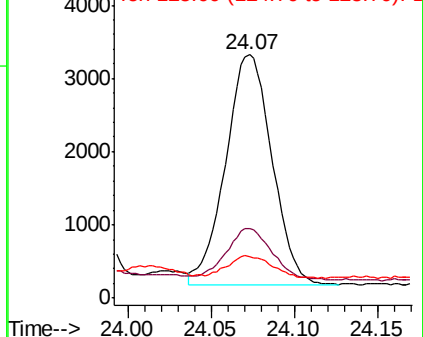
125 17.2 13.8 20.6

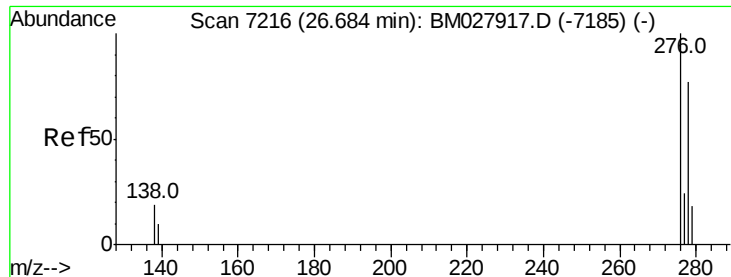


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



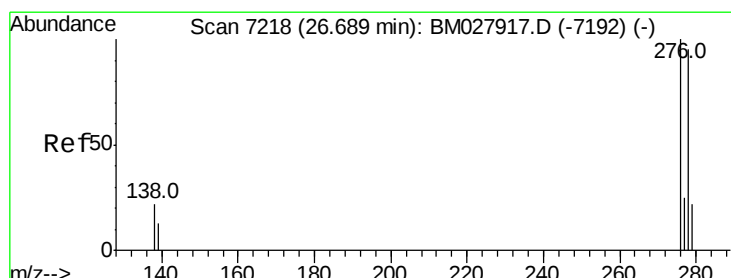
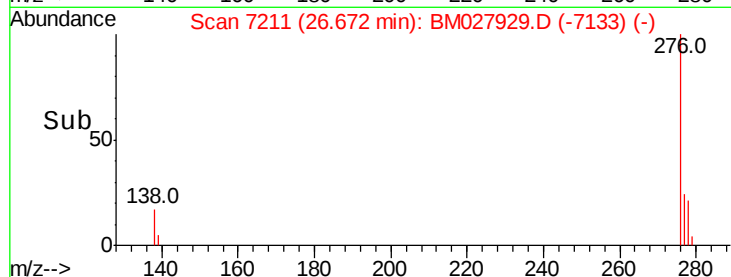
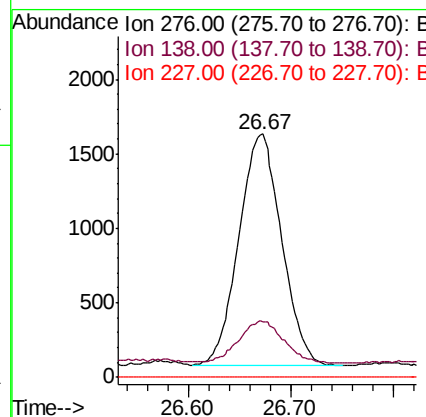
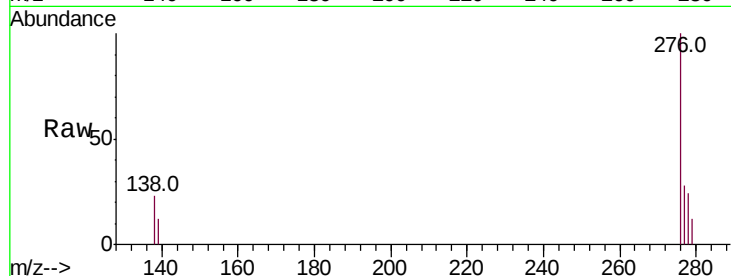


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027929.D
Acq: 24 Nov 2020 00:39

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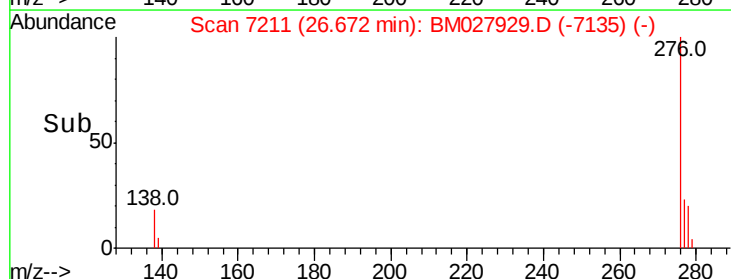
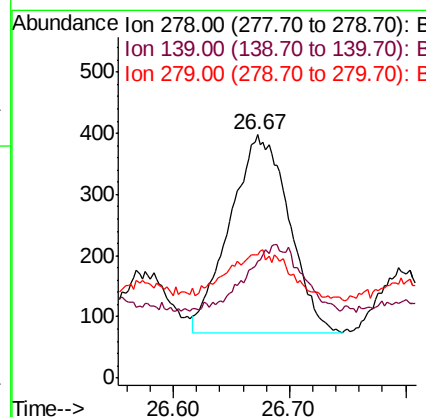
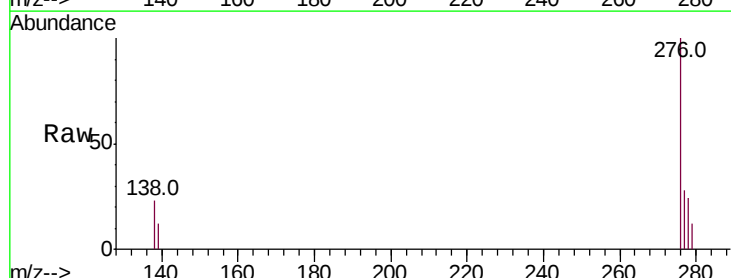
Tot Ion:276 Resp: 4528
Ion Ratio Lower Upper
276 100
138 19.0 15.7 23.5
227 0.0 0.0 0.0

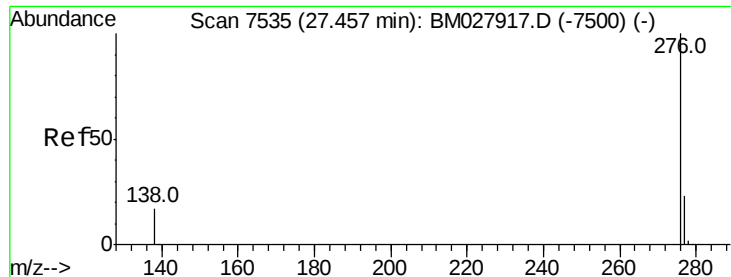


#25

Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.02 min
Lab File: BM027929.D
Acq: 24 Nov 2020 00:39

Tgt Ion:278 Resp: 1150
Ion Ratio Lower Upper
278 100
139 47.7 14.8 22.2#
279 50.8 25.8 38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.485 ng/ul

RT: 27.45 min Scan# 7531

Delta R.T. -0.01 min

Lab File: BM027929.D

Acq: 24 Nov 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0B66DL

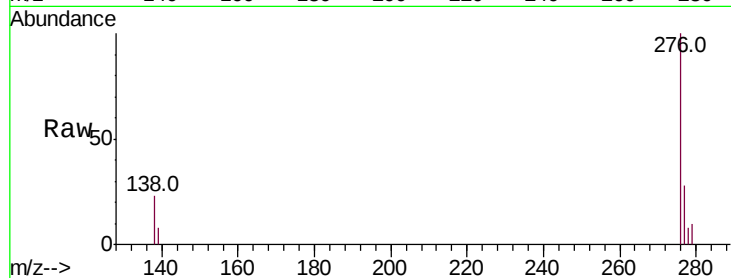
Tot Ion:276 Resp: 4395

Ion Ratio Lower Upper

276 100

138 23.1 17.4 26.2

277 28.3 22.5 33.7



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

