

Data File : BM027974.D
Acq On : 25 Nov 2020 21:25
Operator : JU/CG
Sample : L4749-09DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B75DL

Quant Time: Nov 26 00:50:33 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1165	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2552	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4291	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2381	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2292	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	161	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	227	0.02	ng/ul	0.00

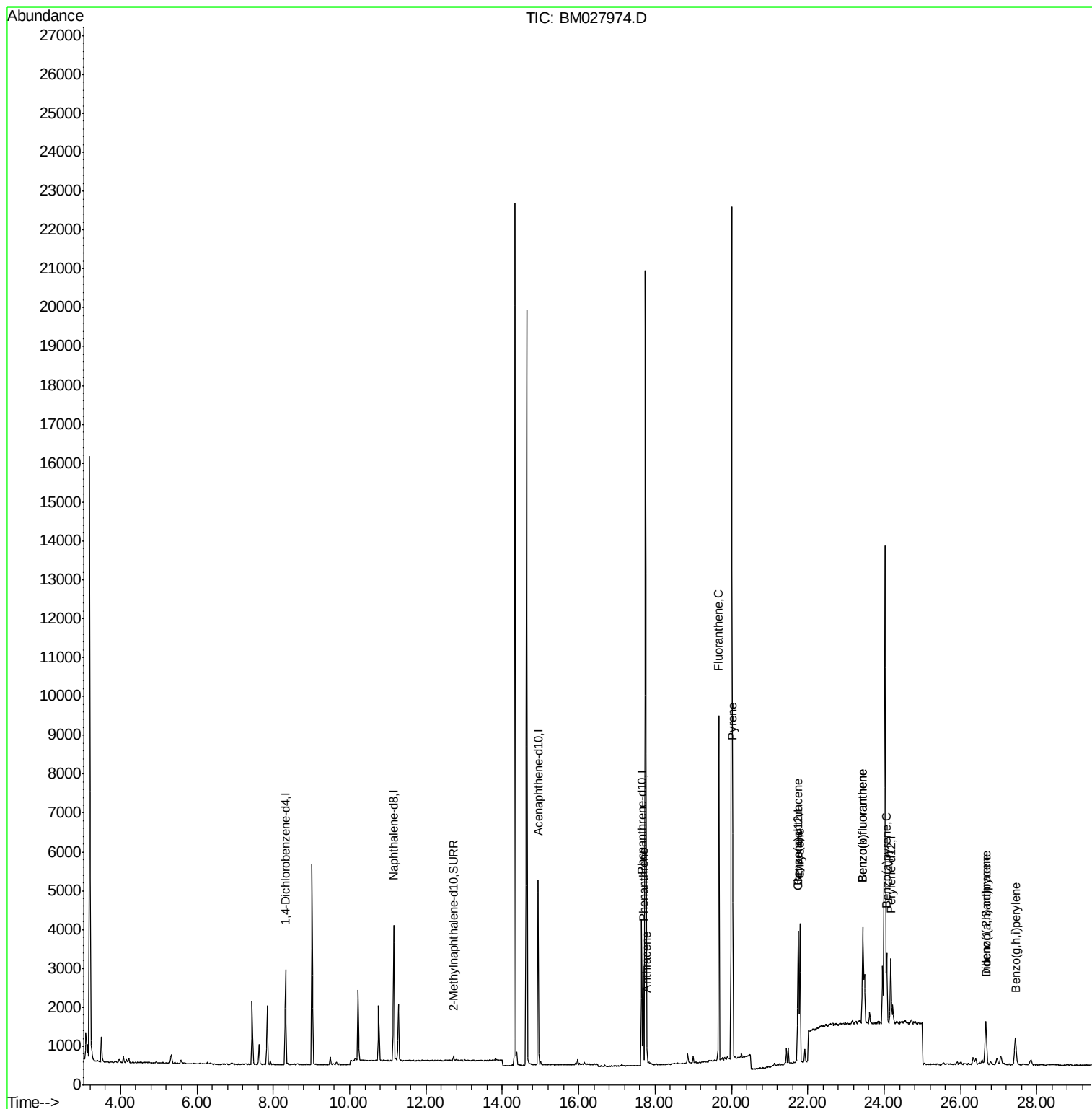
Target Compounds				Qvalue		
12) Phenanthrene	17.69	178	2583	0.191	ng/ul	98
13) Anthracene	17.78	178	336	0.026	ng/ul#	62
15) Fluoranthene	19.67	202	7330	0.488	ng/ul	96
17) Pyrene	20.03	202	5777	0.478	ng/ul	95
18) Benzo(a)anthracene	21.74	228	2594	0.270	ng/ul	93
19) Chrysene	21.80	228	3579	0.382	ng/ul	95
21) Benzo(b)fluoranthene	23.44	252	5728	0.595	ng/ul	93
22) Benzo(k)fluoranthene	23.44	252	5728	0.607	ng/ul#	92
23) Benzo(a)pyrene	24.07	252	2531	0.301	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.66	276	1864	0.204	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.67	278	499	0.066	ng/ul#	25
26) Benzo(g,h,i)perylene	27.43	276	1586	0.207	ng/ul#	86

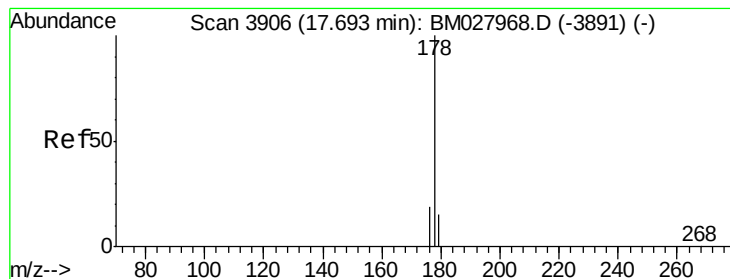
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.191 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

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Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

ClientSampleId :

C0B75DL

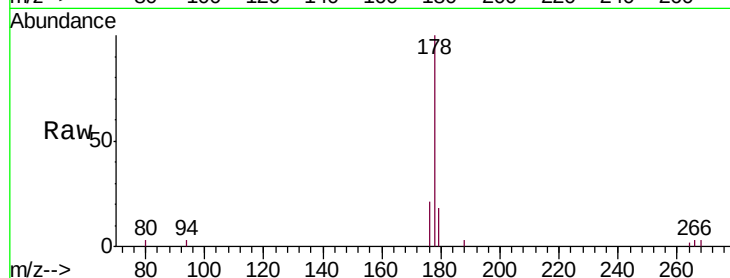
Tgt Ion:178 Resp: 2583

Ion Ratio Lower Upper

178 100

179 18.1 13.6 20.4

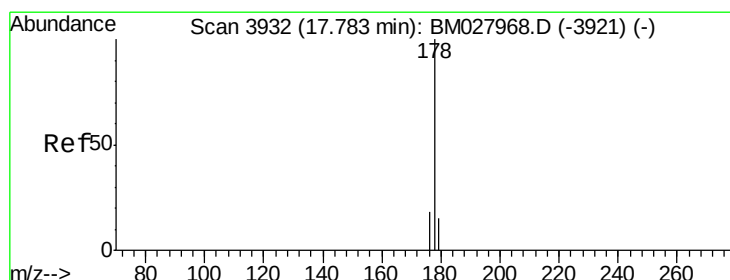
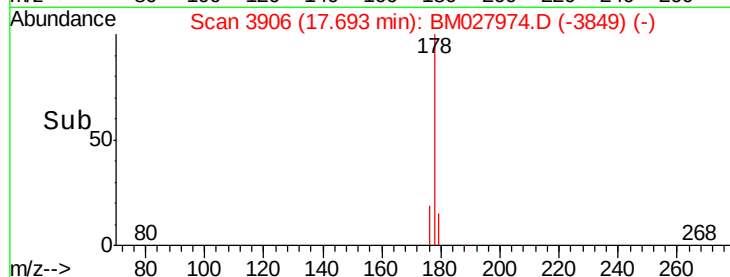
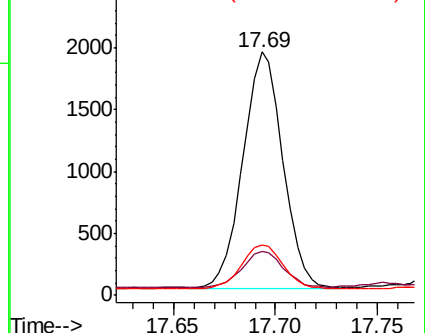
176 20.8 16.1 24.1



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: 0.026 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

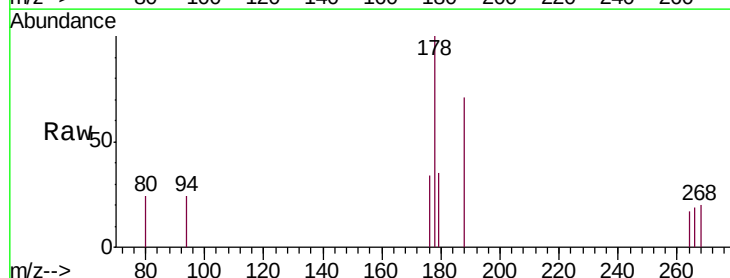
Tgt Ion:178 Resp: 336

Ion Ratio Lower Upper

178 100

179 35.0 13.4 20.2#

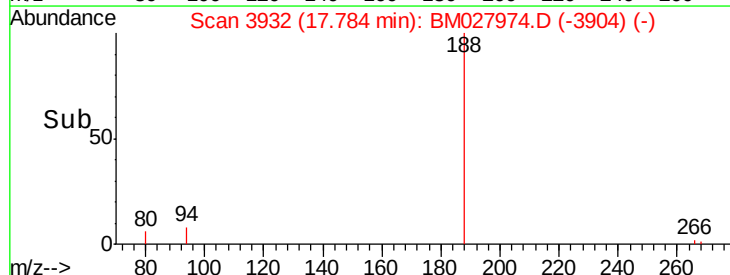
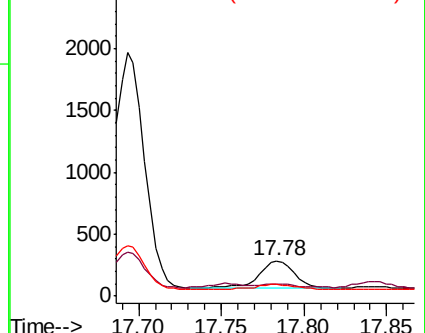
176 34.3 15.0 22.6#

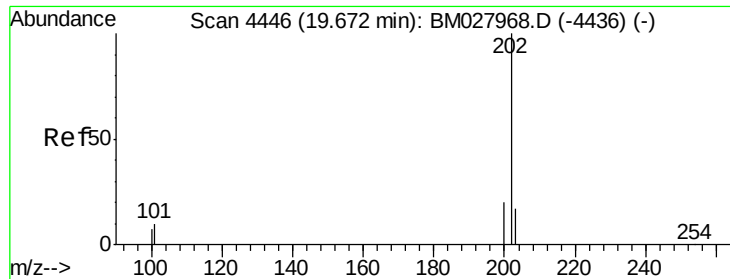


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.488 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

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Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

ClientSampleId :

C0B75DL

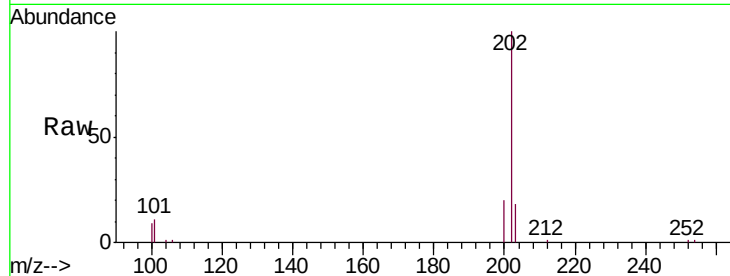
Tgt Ion:202 Resp: 7330

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.3

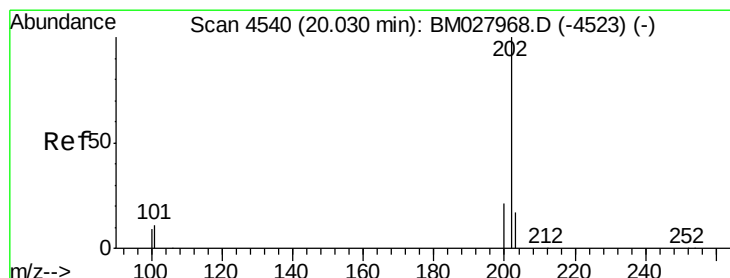
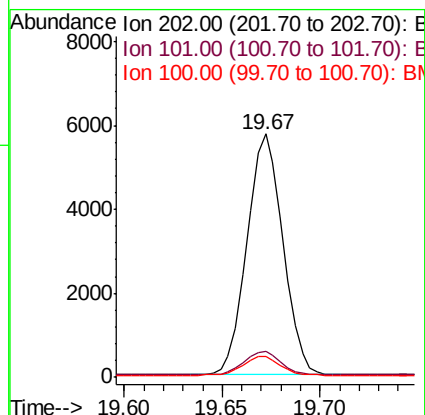
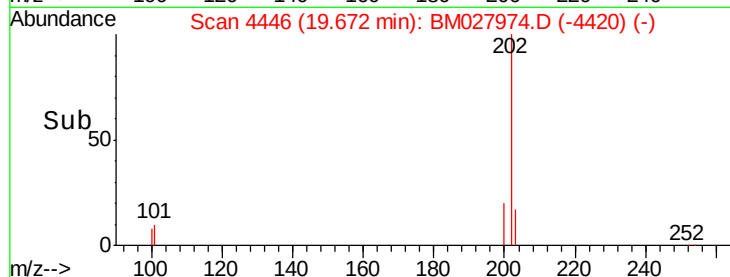
100 8.7 0.0 27.4



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): B



#17

Pyrene

Concen: 0.478 ng/ul

RT: 20.03 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

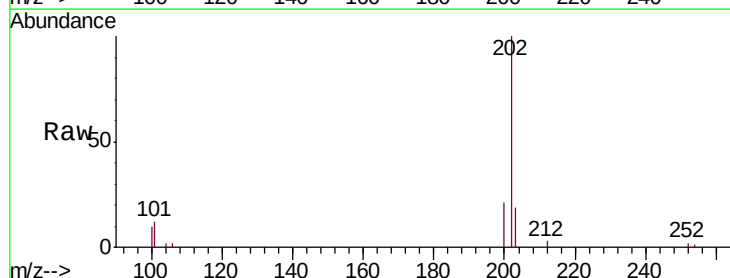
Tgt Ion:202 Resp: 5777

Ion Ratio Lower Upper

202 100

101 12.2 8.2 12.2

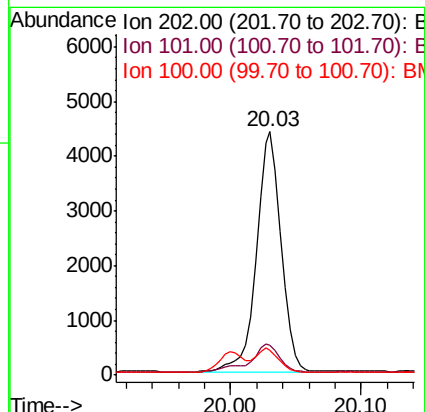
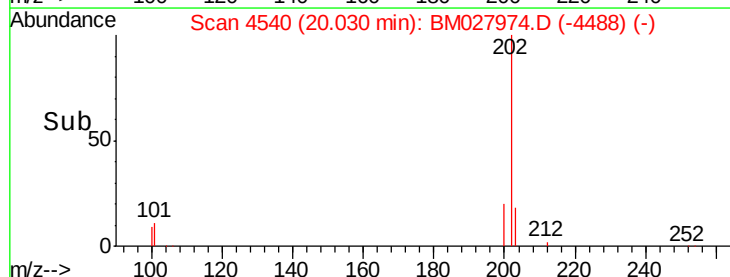
100 10.0 6.9 10.3

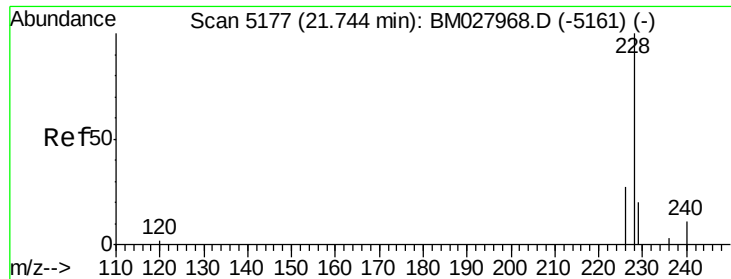


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.270 ng/ul

RT: 21.74 min Scan# 5175

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

ClientSampleId :

C0B75DL

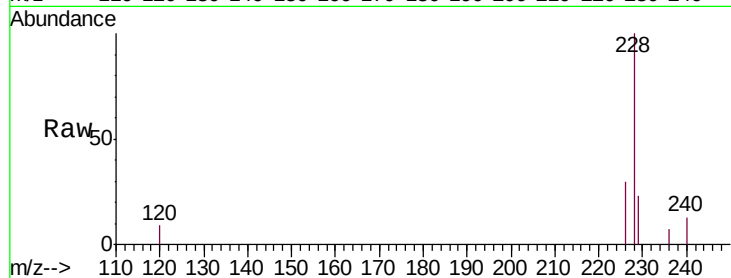
Tgt Ion:228 Resp: 2594

Ion Ratio Lower Upper

228 100

229 23.5 16.2 24.4

226 30.3 21.5 32.3

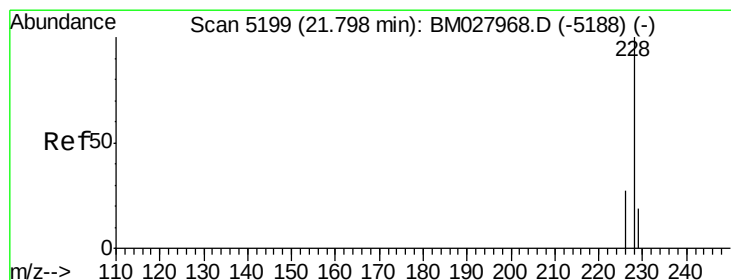
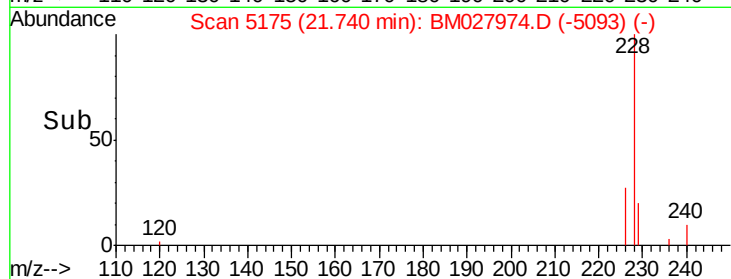
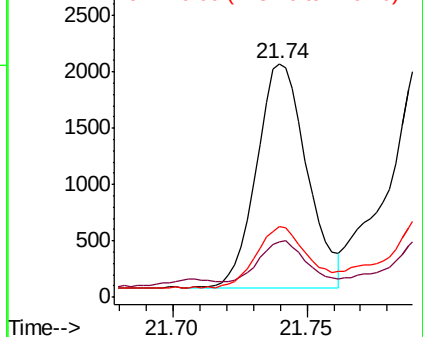


Abundance

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: 0.382 ng/ul

RT: 21.80 min Scan# 5198

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

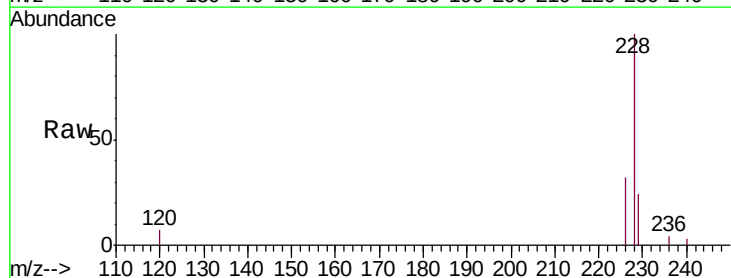
Tgt Ion:228 Resp: 3579

Ion Ratio Lower Upper

228 100

226 32.3 24.1 36.1

229 23.9 16.6 24.8

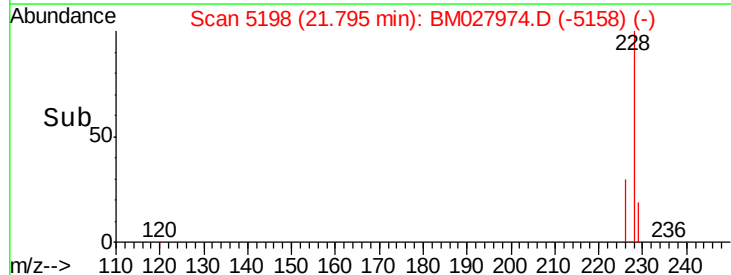
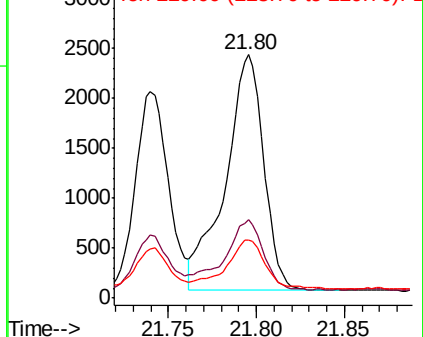


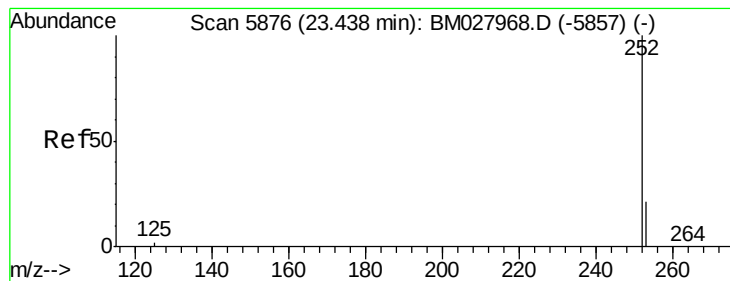
Abundance

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: 0.595 ng/ul

RT: 23.44 min Scan# 5876

Delta R.T. 0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

ClientSampleId :

C0B75DL

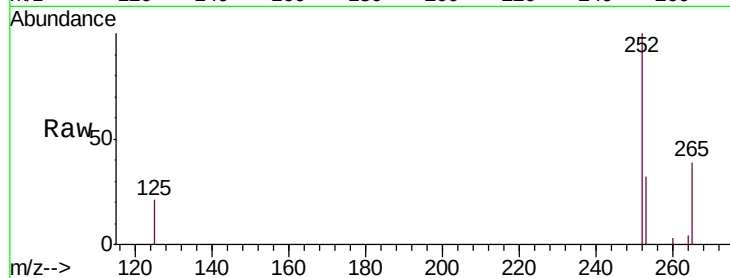
Tgt Ion:252 Resp: 5728

Ion Ratio Lower Upper

252 100

253 31.6 0.0 59.6

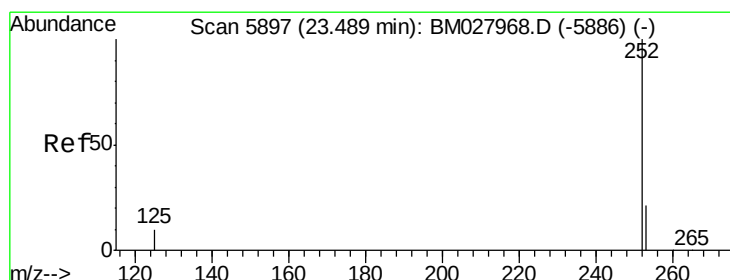
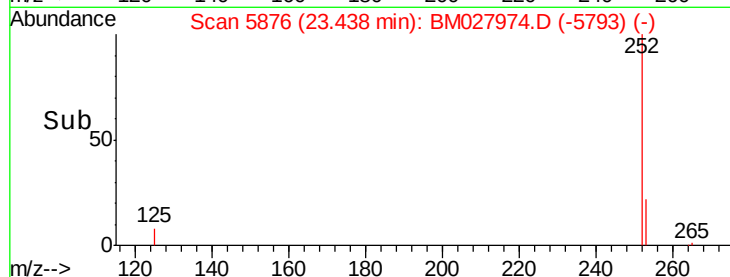
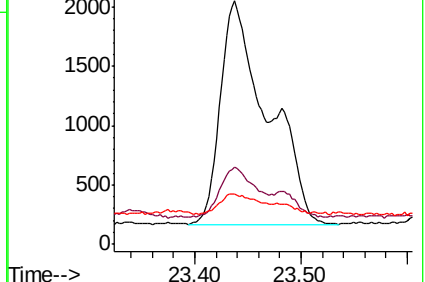
125 20.7 0.0 28.4



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: 0.607 ng/ul

RT: 23.44 min Scan# 5876

Delta R.T. -0.05 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

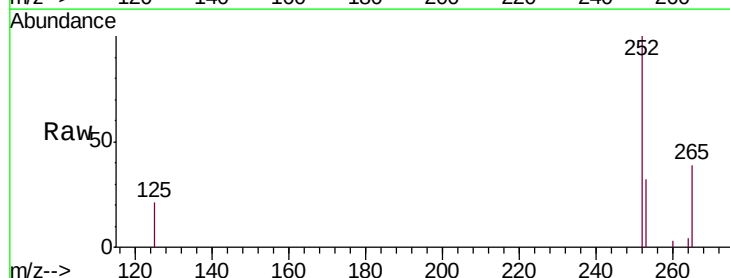
Tgt Ion:252 Resp: 5728

Ion Ratio Lower Upper

252 100

253 31.6 23.2 34.8

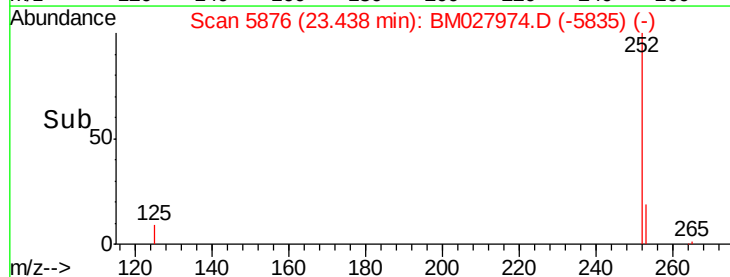
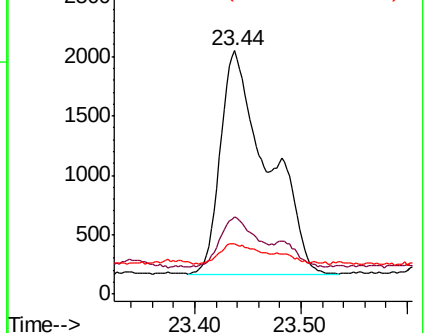
125 20.7 11.8 17.6#

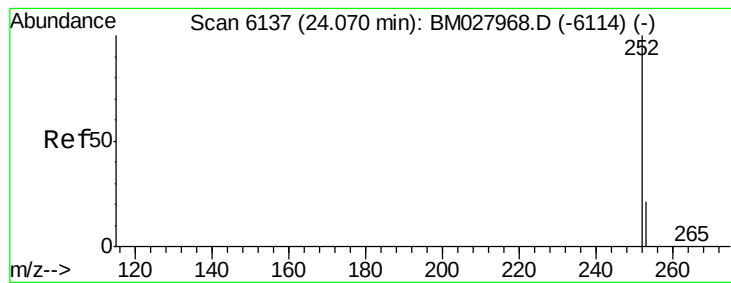


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.301 ng/ul

RT: 24.07 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

ClientSampleId :

C0B75DL

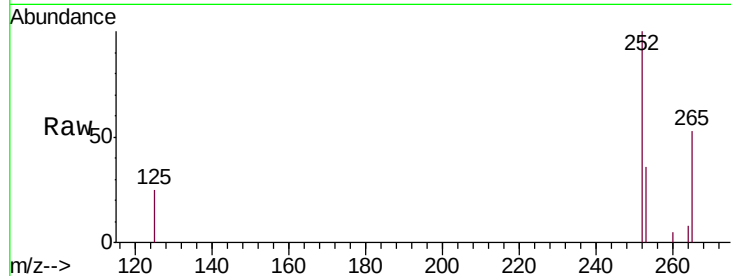
Tgt Ion:252 Resp: 2531

Ion Ratio Lower Upper

252 100

253 35.6 25.2 37.8

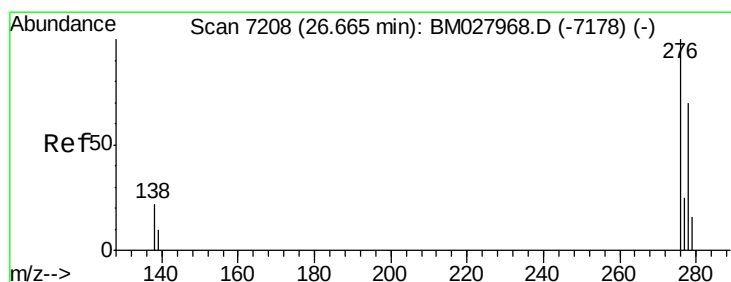
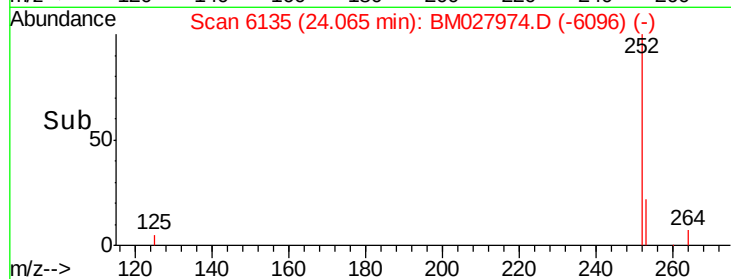
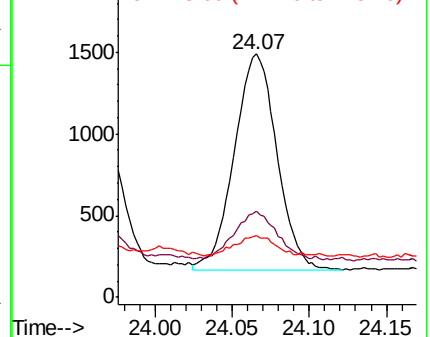
125 25.4 13.8 20.6#



Abundance Ion 252.00 (251.70 to 252.70): E

2000 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: 0.204 ng/ul

RT: 26.66 min Scan# 7207

Delta R.T. -0.01 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

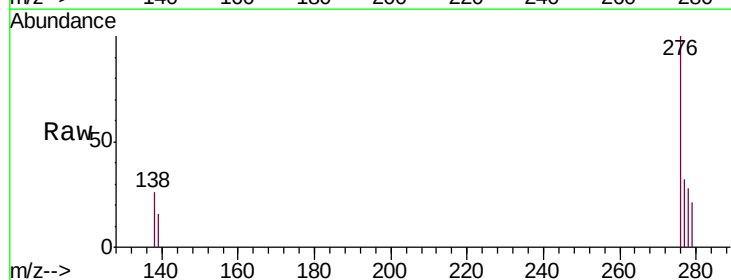
Tgt Ion:276 Resp: 1864

Ion Ratio Lower Upper

276 100

138 19.0 15.7 23.5

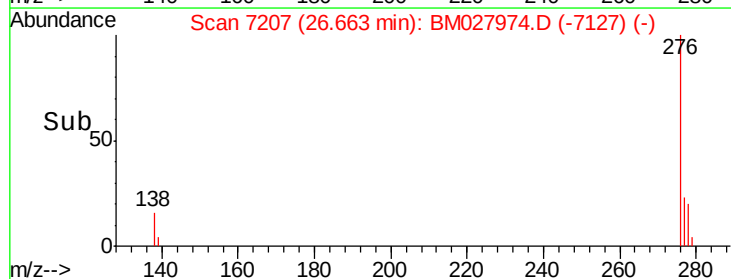
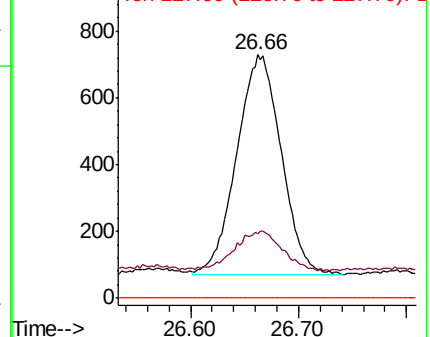
227 0.0 0.0 0.0

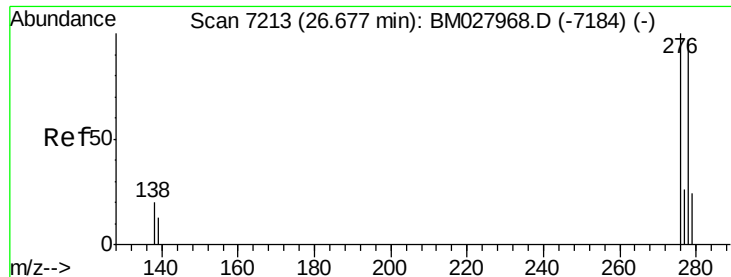


Abundance Ion 276.00 (275.70 to 276.70): E

1000 Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

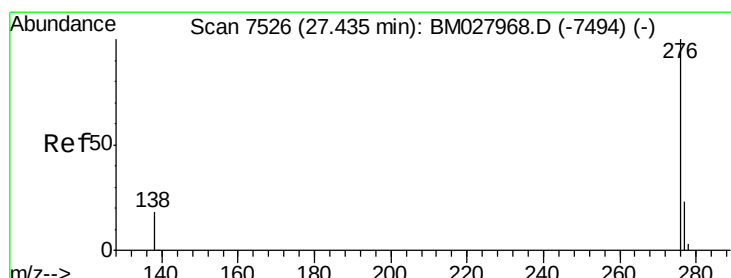
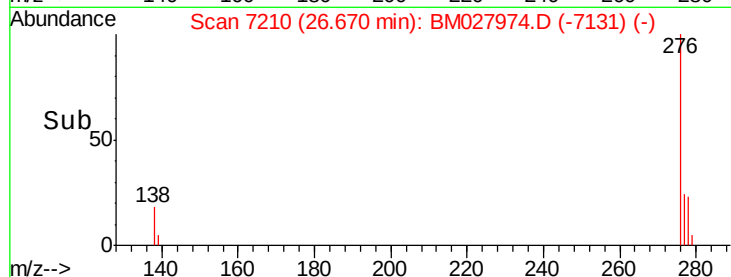
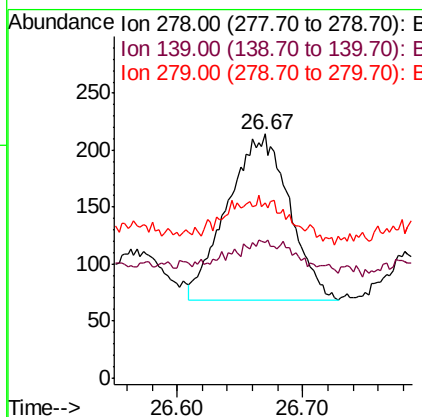
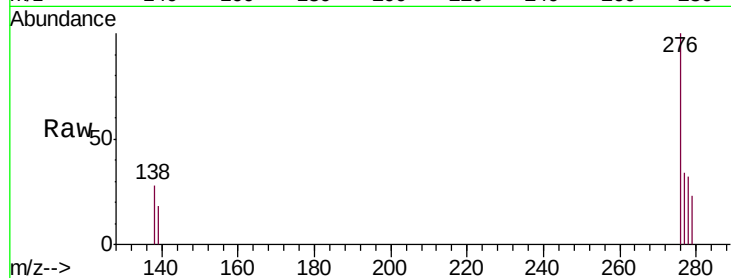




#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Instrument :
BNA_M
ClientSampleId :
C0B75DL

Tgt Ion: 278 Resp: 499
Ion Ratio Lower Upper
278 100
139 55.6 14.8 22.2#
279 72.0 25.8 38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.43 min Scan# 7525
Delta R.T. -0.01 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Tgt Ion: 276 Resp: 1586
Ion Ratio Lower Upper
276 100
138 30.2 17.4 26.2#
277 33.8 22.5 33.7#

