

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027950.D
 Acq On : 24 Nov 2020 19:33
 Operator : JU/CG
 Sample : L4749-22
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG1

Quant Time: Nov 25 00:50:08 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 15:00:24 2020
 Response via : Initial Calibration

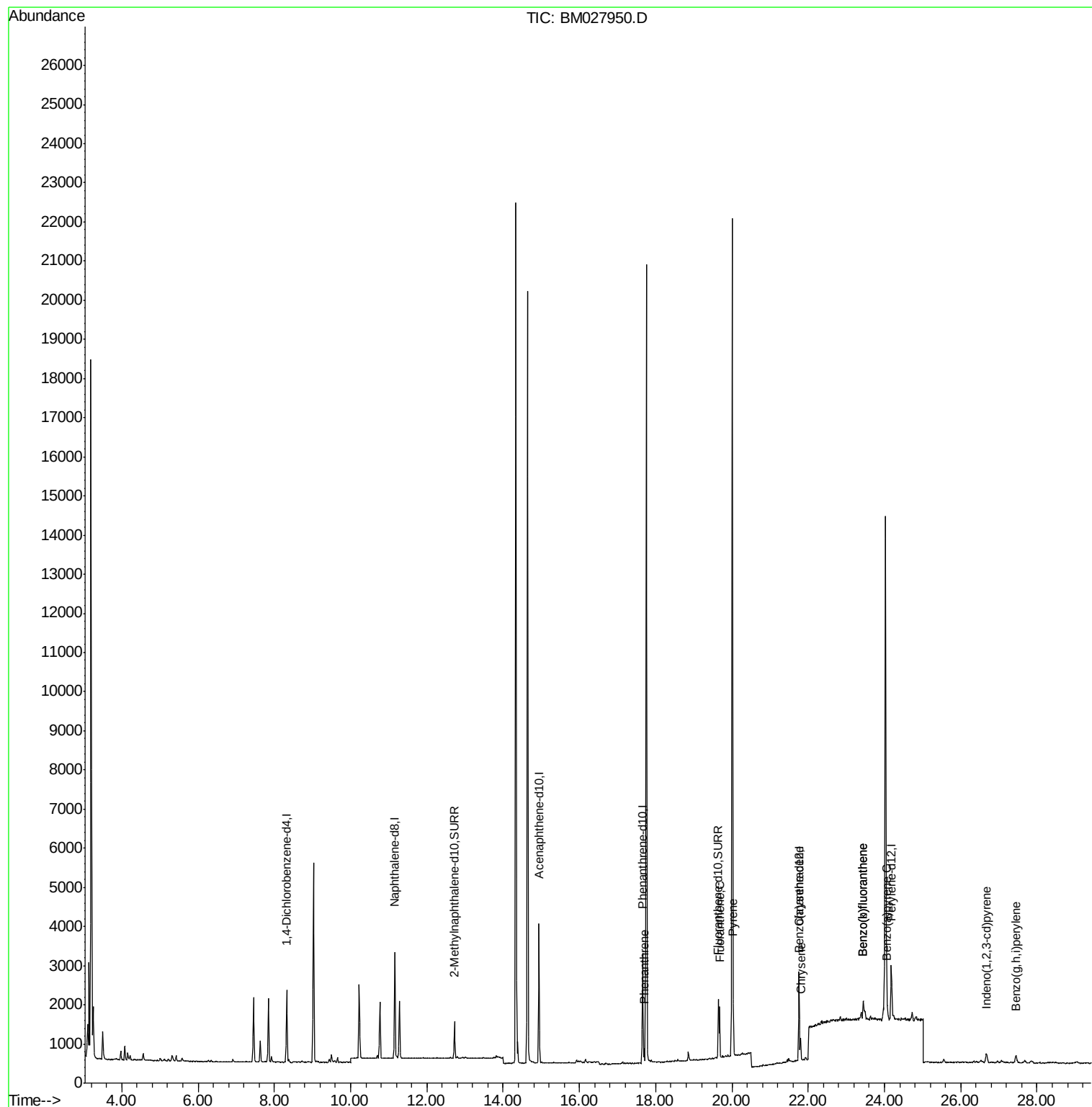
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	903	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1916	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3245	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	1914	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1846	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1171	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1601	0.18	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.70	178	399	0.039	ng/ul#	71
15) Fluoranthene	19.68	202	1144	0.101	ng/ul	82
17) Pyrene	20.03	202	1052	0.108	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	464	0.060	ng/ul#	71
19) Chrysene	21.80	228	594	0.079	ng/ul#	71
21) Benzo(b)fluoranthene	23.45	252	1032	0.133	ng/ul#	23
22) Benzo(k)fluoranthene	23.45	252	1024	0.135	ng/ul#	21
23) Benzo(a)pyrene	24.08	252	478	0.070	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	26.67	276	392	0.053	ng/ul#	100
26) Benzo(g,h,i)perylene	27.45	276	435	0.071	ng/ul#	44

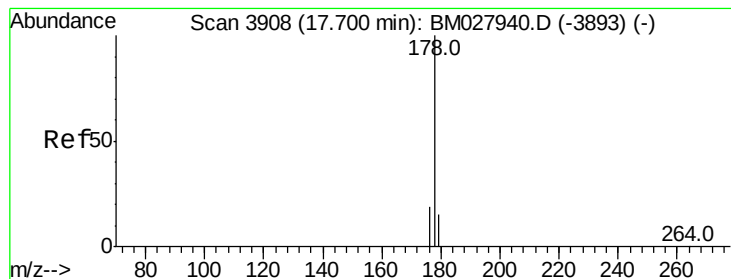
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

Instrument :

BNA_M

ClientSampleId :

C0BG1

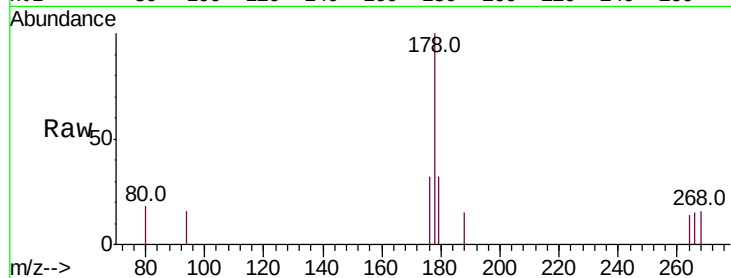
Tot Ion:178 Resp: 399

Ion Ratio Lower Upper

178 100

179 31.6 13.6 20.4#

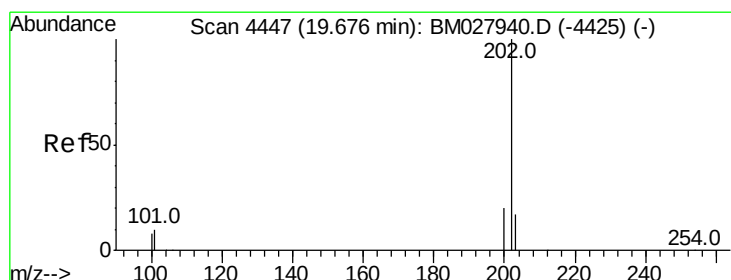
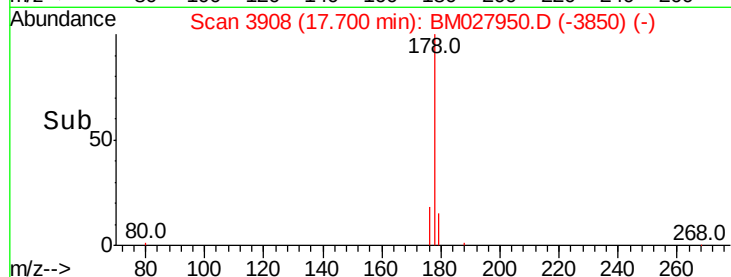
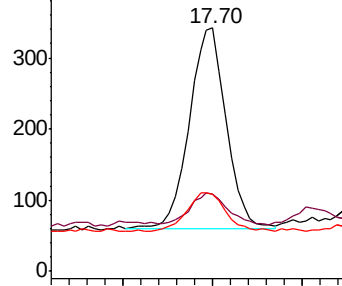
176 31.9 16.1 24.1#



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



#15

Fluoranthene

Concen: 0.101 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

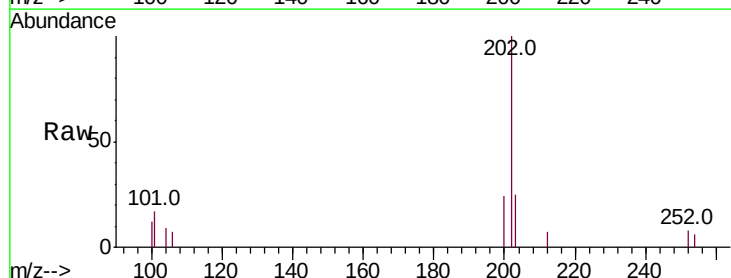
Tgt Ion:202 Resp: 1144

Ion Ratio Lower Upper

202 100

101 16.7 0.0 29.3

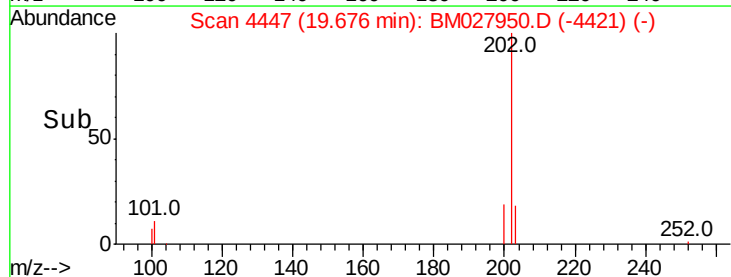
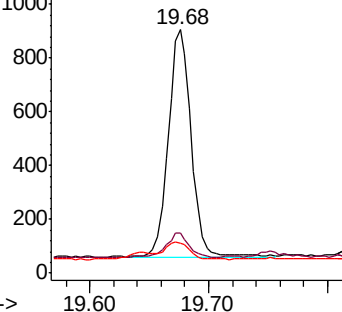
100 12.5 0.0 27.4

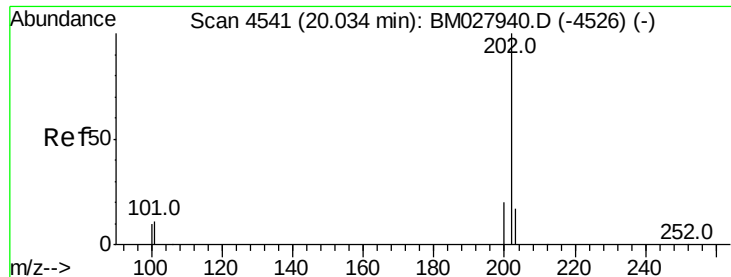


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

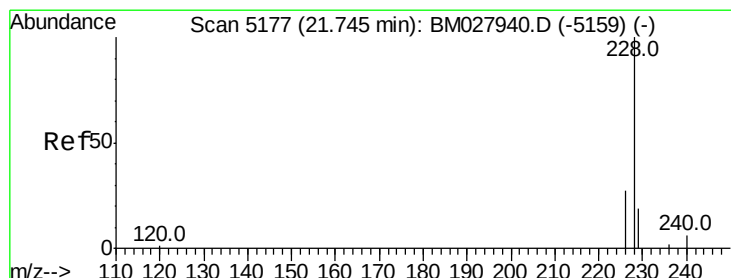
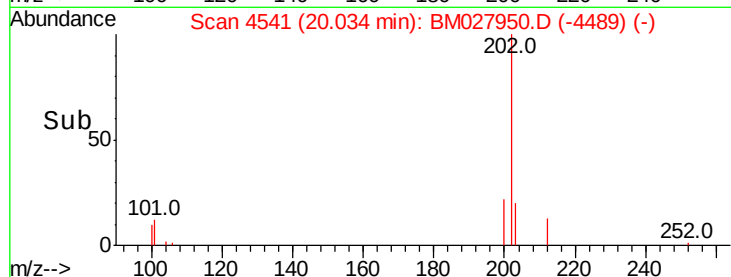
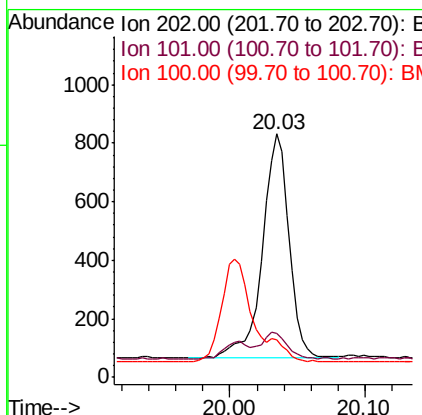
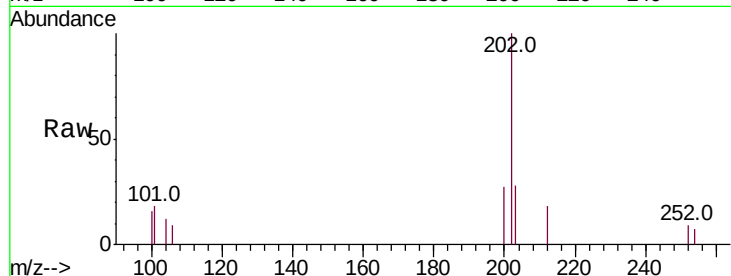




#17
Pvrene
Concen: 0.108 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

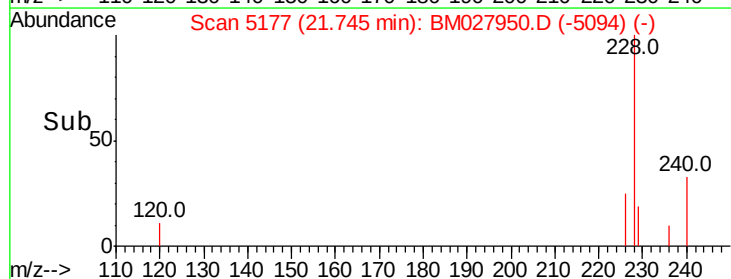
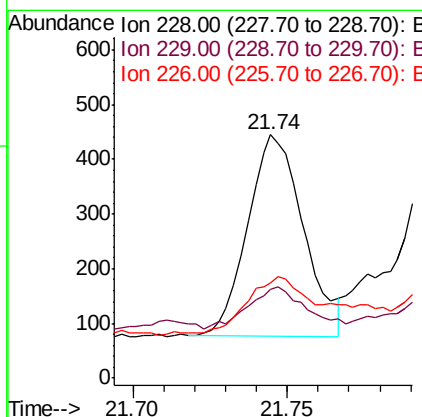
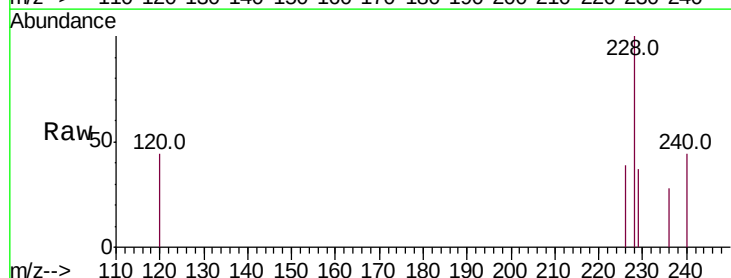
Instrument :
BNA_M
ClientSampled :
C0BG1

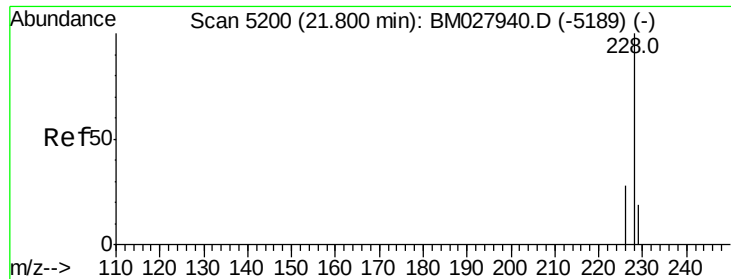
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.1	8.2	12.2#
100	15.6	6.9	10.3#



#18
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	36.6	16.2	24.4#
226	39.3	21.5	32.3#





#19

Chrysene

Concen: 0.079 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

Instrument :

BNA_M

ClientSampled :

C0BG1

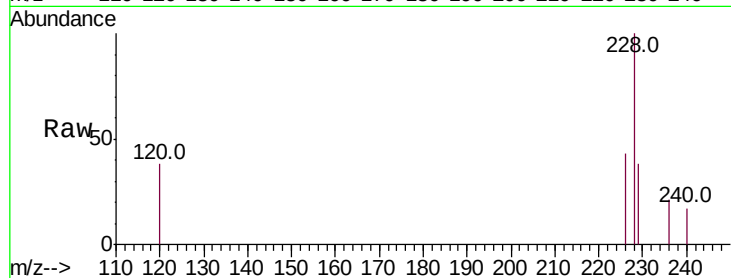
Tot Ion:228 Resp: 594

Ion Ratio Lower Upper

228 100

226 42.7 24.1 36.1#

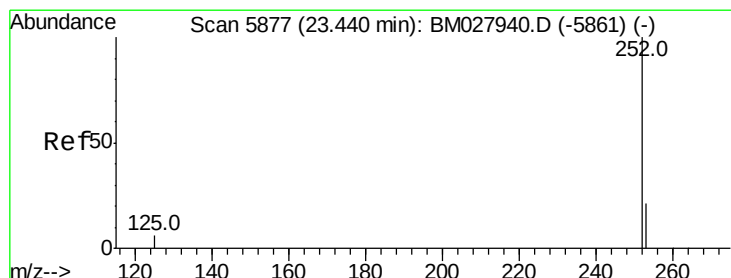
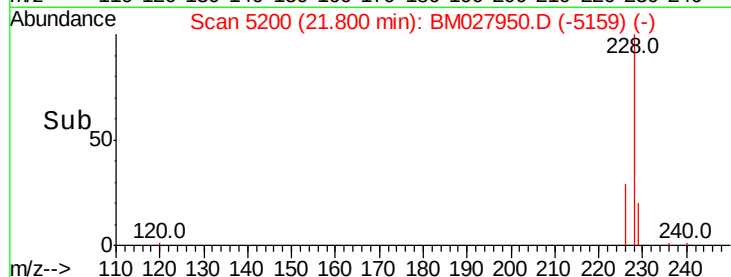
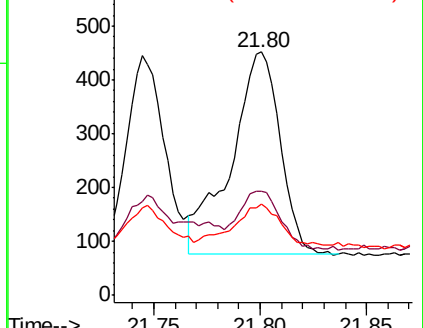
229 37.6 16.6 24.8#



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: 0.133 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. 0.01 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

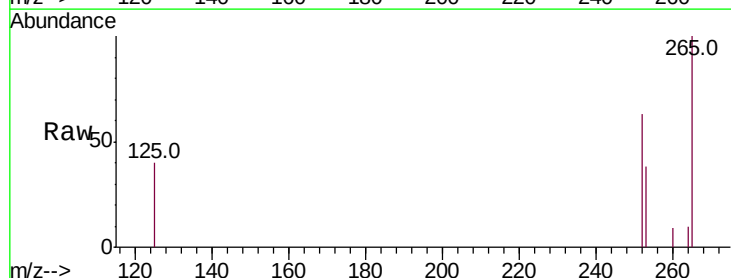
Tgt Ion:252 Resp: 1032

Ion Ratio Lower Upper

252 100

253 60.7 0.0 59.6#

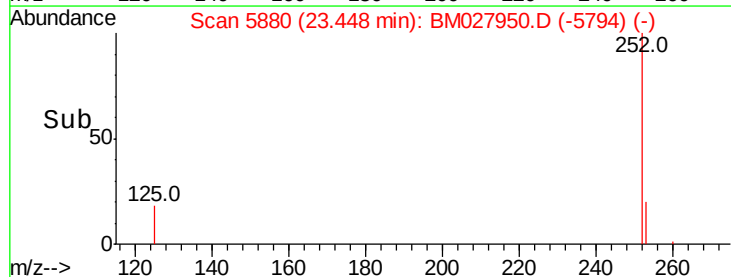
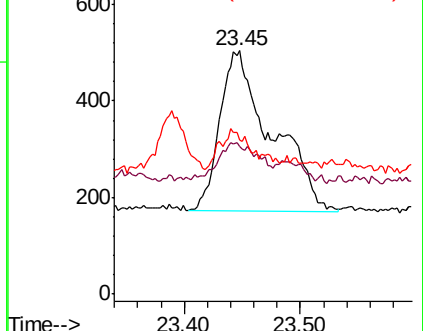
125 63.1 0.0 28.4#

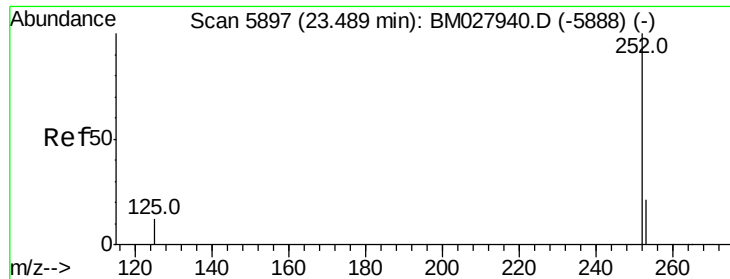


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.135 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.04 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

Instrument :

BNA_M

ClientSampleId :

C0BG1

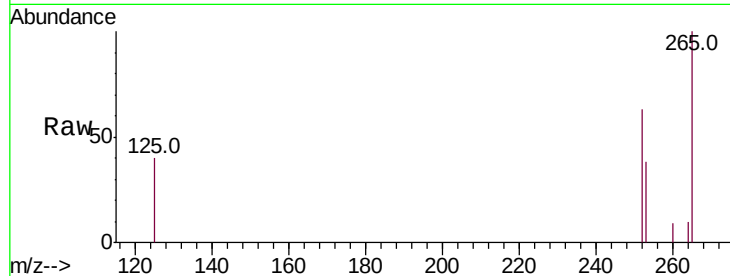
Tot Ion:252 Resp: 1024

Ion Ratio Lower Upper

252 100

253 60.7 23.2 34.8#

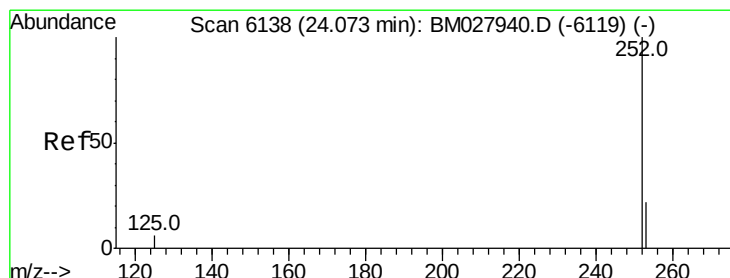
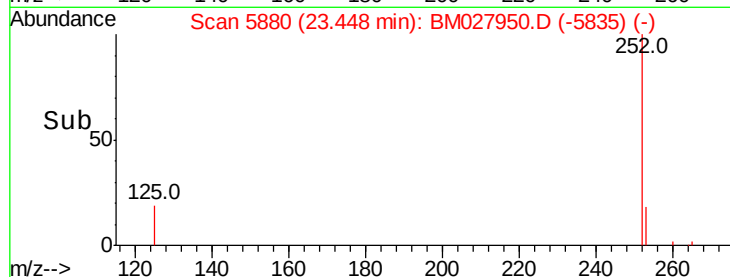
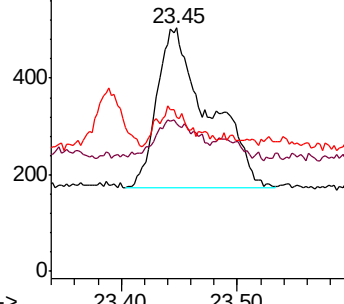
125 63.1 11.8 17.6#



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: 0.070 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027950.D

Acq: 24 Nov 2020 19:33

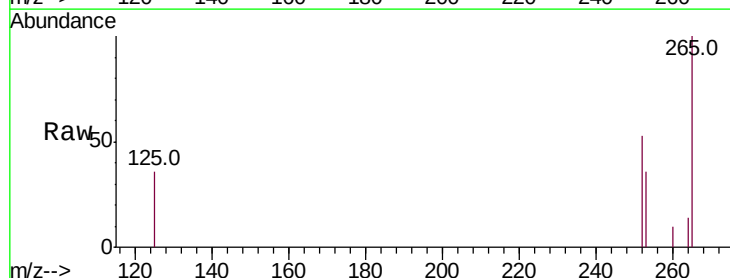
Tgt Ion:252 Resp: 478

Ion Ratio Lower Upper

252 100

253 69.0 25.2 37.8#

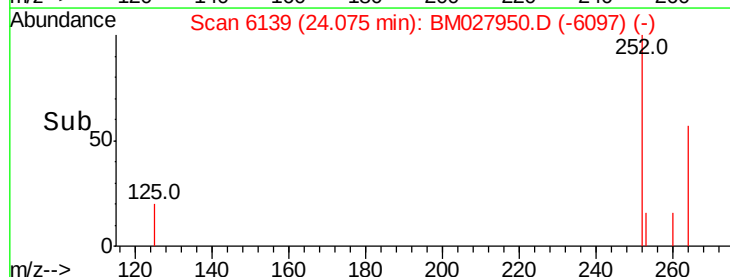
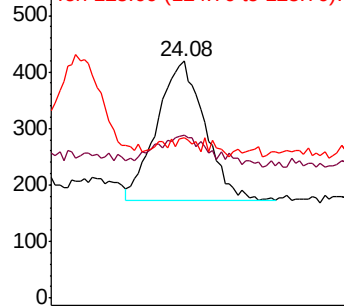
125 67.5 13.8 20.6#

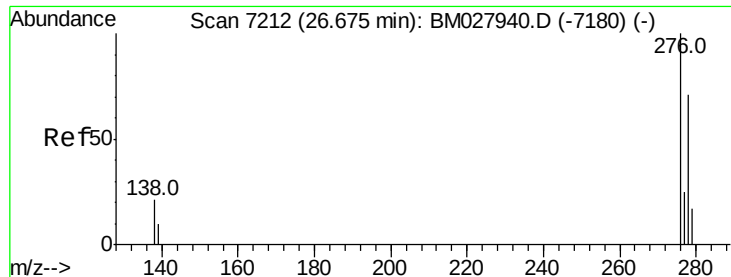


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

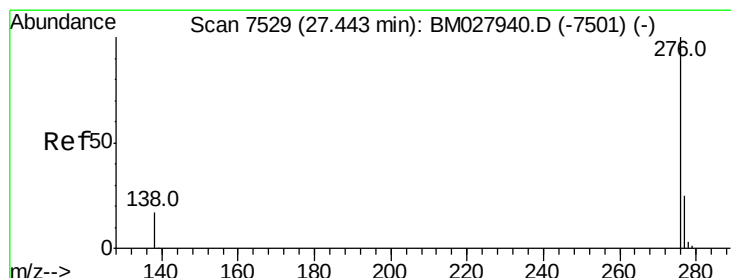
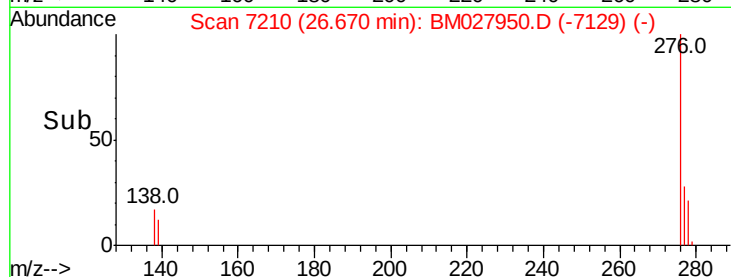
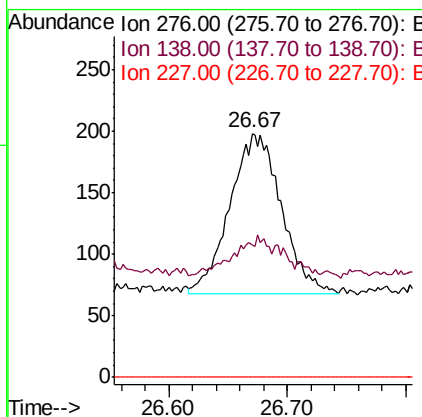
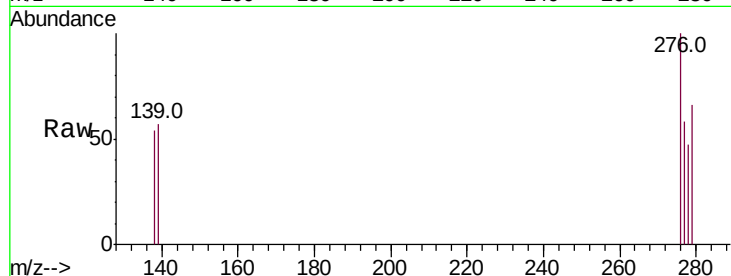




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.053 ng/ul
 RT: 26.67 min Scan# 7210
 Delta R.T. -0.00 min
 Lab File: BM027950.D
 Acq: 24 Nov 2020 19:33

Instrument :
 BNA_M
 ClientSampleId :
 C0BG1

Tot Ion:276 Resp: 392
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.7 23.5
 227 0.0 0.0 0.0



#26
 Benzo(g,h,i)perylene
 Concen: 0.071 ng/ul
 RT: 27.45 min Scan# 7531
 Delta R.T. 0.00 min
 Lab File: BM027950.D
 Acq: 24 Nov 2020 19:33

Tgt Ion:276 Resp: 435
 Ion Ratio Lower Upper
 276 100
 138 54.0 17.4 26.2#
 277 52.5 22.5 33.7#

