

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027887.D
 Acq On : 21 Nov 2020 18:43
 Operator : JU/CG
 Sample : L4711-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B55

Quant Time: Nov 23 04:06:41 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 : Mon Nov 23 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3890	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2471	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.77	240	2778	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2186	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.73	152	1583	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3072	0.00	ng/ul	0.00

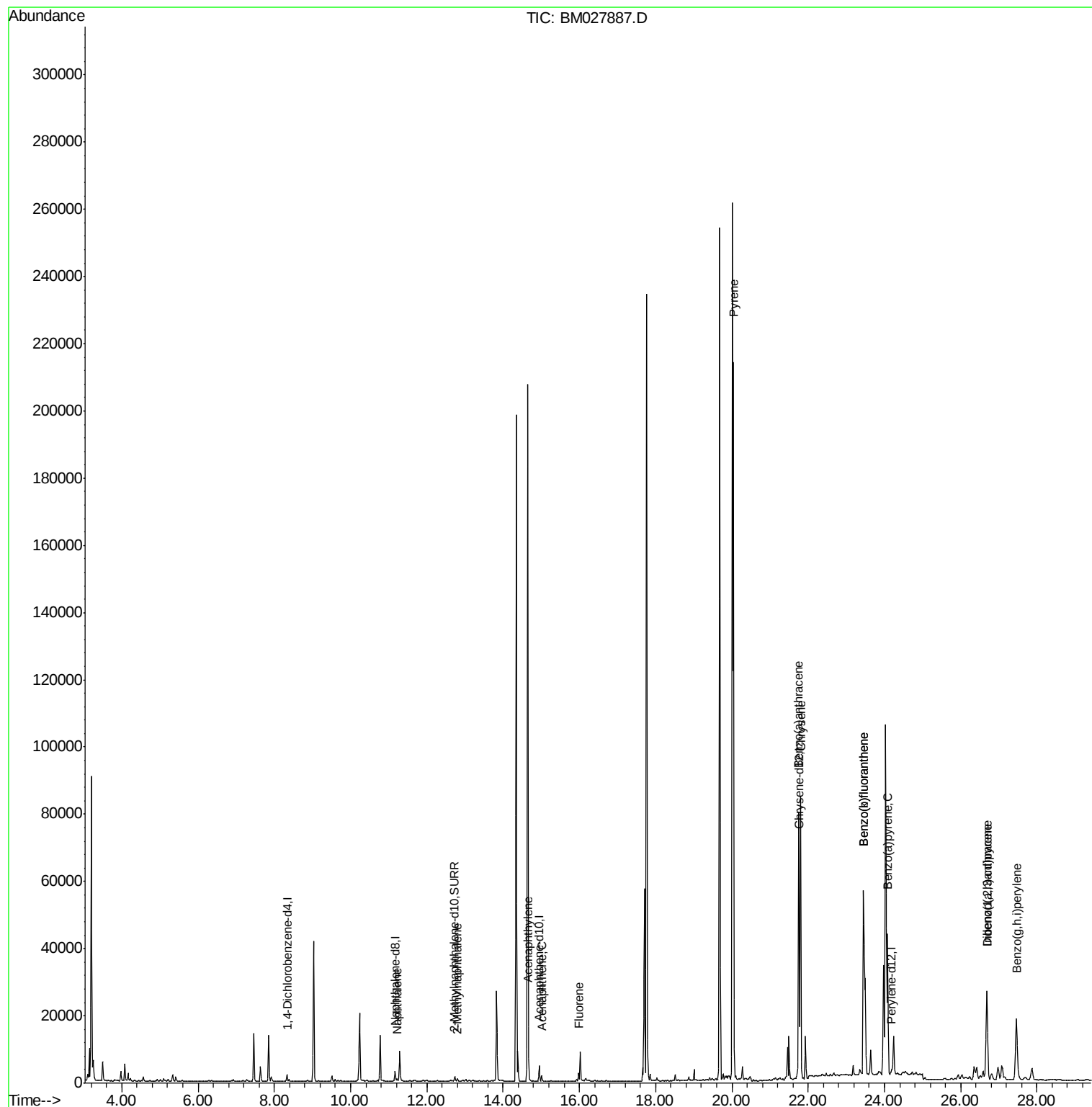
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.22	128	893	0.077	ng/ul#	85
5) 2-Methylnaphthalene	12.80	142	409	0.052	ng/ul	99
7) Acenaphthylene	14.68	152	1533	0.127	ng/ul#	94
8) Acenaphthene	15.01	153	971	0.107	ng/ul	97
9) Fluorene	15.98	166	1463	0.140	ng/ul#	97
17) Pyrene	20.04	202	176845	12.535	ng/ul	100
18) Benzo(a)anthracene	21.75	228	69384	6.190	ng/ul	100
19) Chrysene	21.81	228	84030	7.697	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	133012	14.478	ng/ul	89
22) Benzo(k)fluoranthene	23.45	252	132915	14.774	ng/ul#	90
23) Benzo(a)pyrene	24.08	252	61029	7.598	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.69	276	46503	5.347	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.69	278	10223	1.412	ng/ul#	93
26) Benzo(g,h,i)perylene	27.46	276	42062	5.765	ng/ul	93

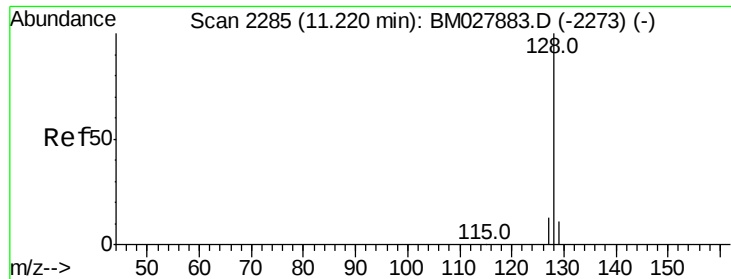
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.077 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

Instrument :

BNA_M

ClientSampleId :

C0B55

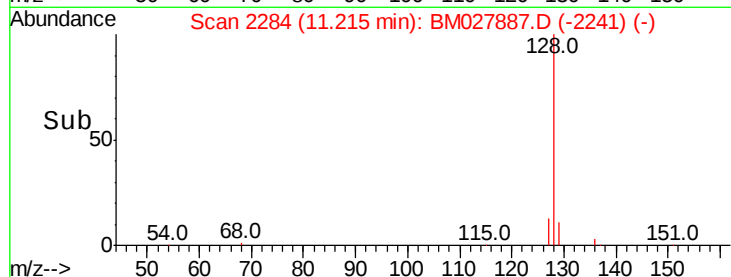
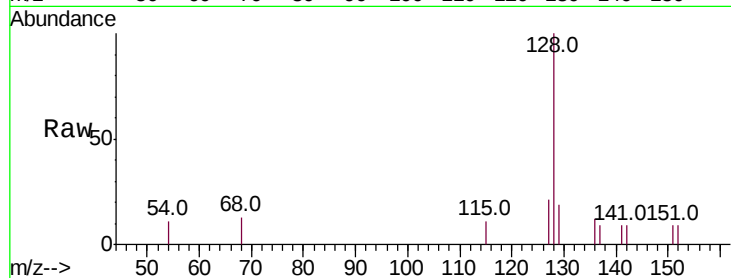
Tot Ion:128 Resp: 893

Ion Ratio Lower Upper

128 100

129 19.1 10.4 15.6#

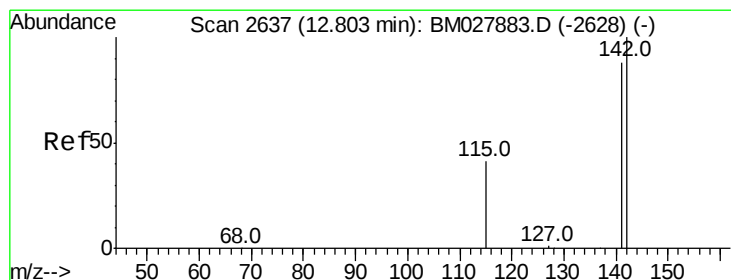
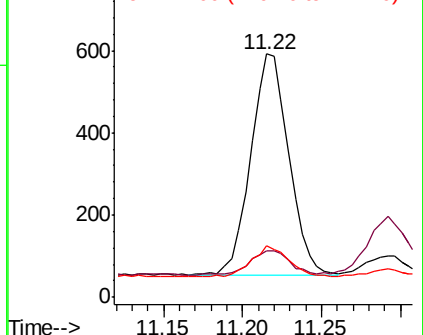
127 20.9 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027887.D

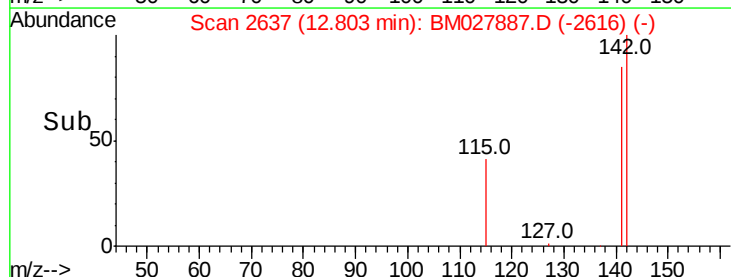
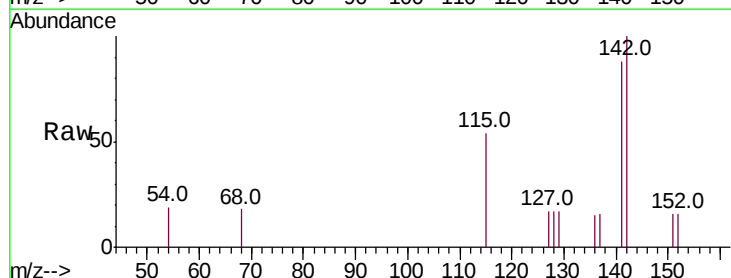
Acq: 21 Nov 2020 18:43

Tgt Ion:142 Resp: 409

Ion Ratio Lower Upper

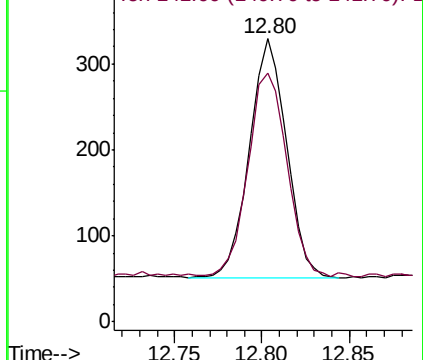
142 100

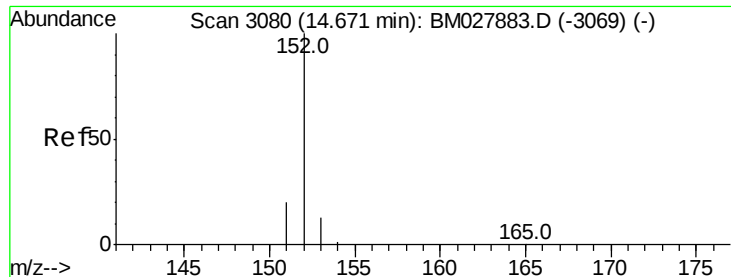
141 89.0 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.127 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

Instrument :

BNA_M

ClientSampleId :

C0B55

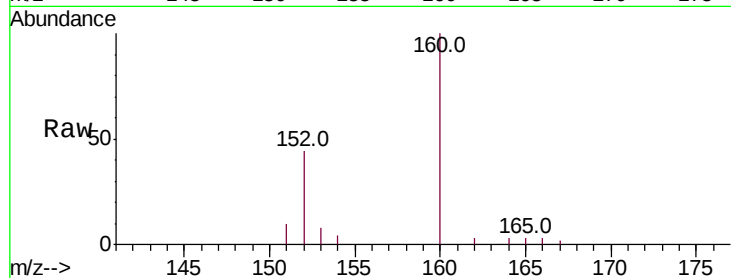
Tot Ion:152 Resp: 1533

Ion Ratio Lower Upper

152 100

151 23.8 17.1 25.7

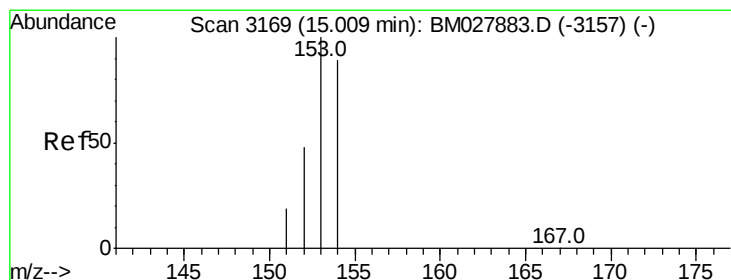
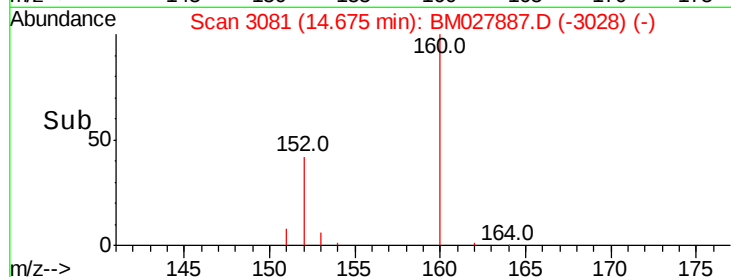
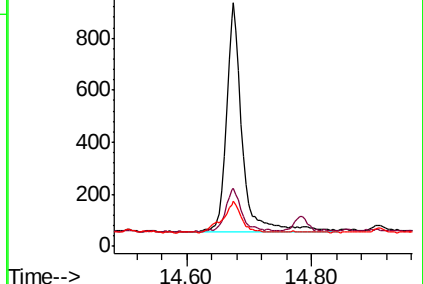
153 18.5 12.0 18.0#



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



#8

Acenaphthene

Concen: 0.107 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

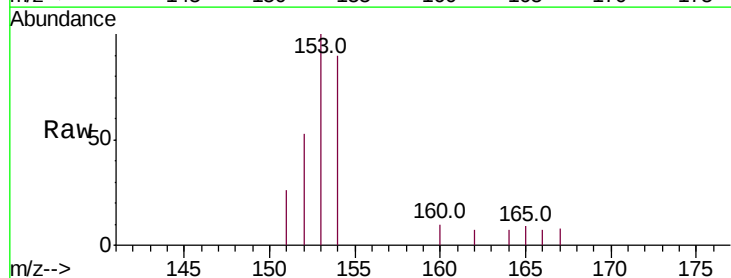
Tgt Ion:153 Resp: 971

Ion Ratio Lower Upper

153 100

152 53.5 39.0 58.6

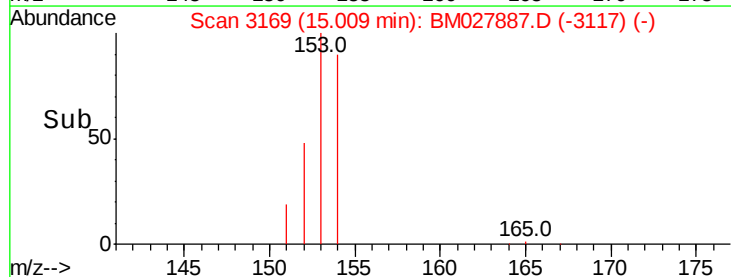
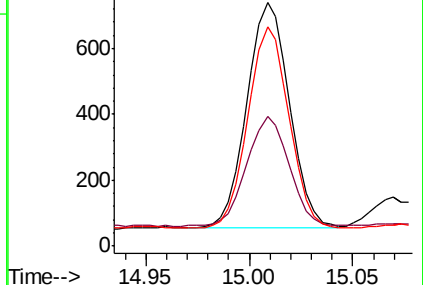
154 90.0 71.6 107.4

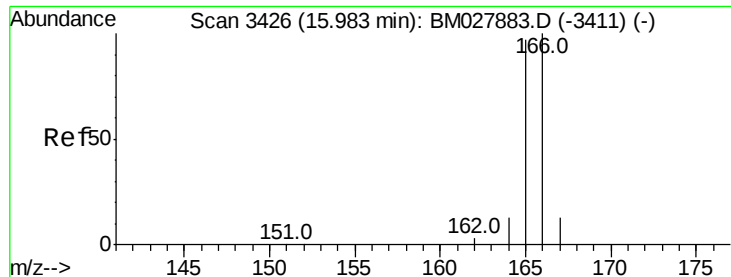


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

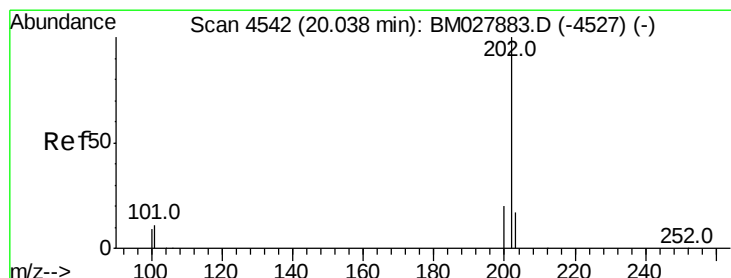
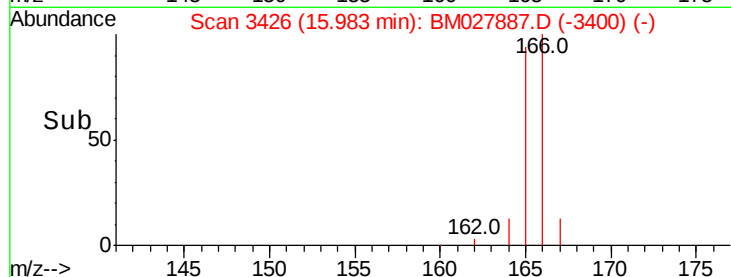
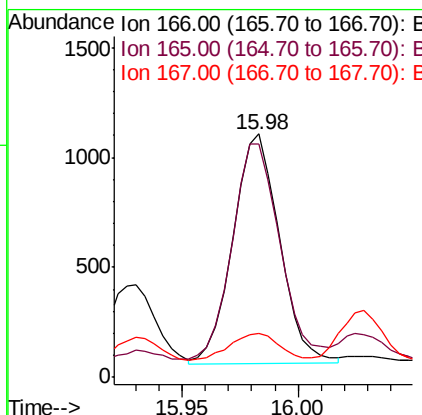
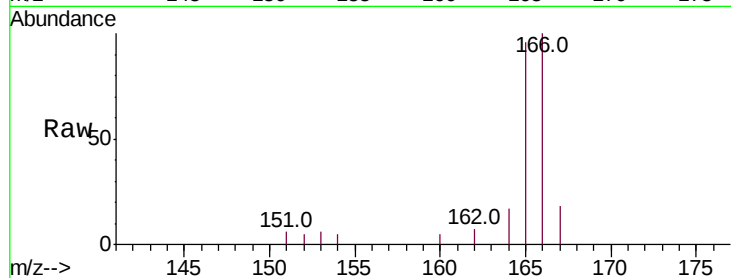




#9
Fluorene
 Concen: 0.140 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. 0.00 min
 Lab File: BM027887.D
 Acq: 21 Nov 2020 18:43

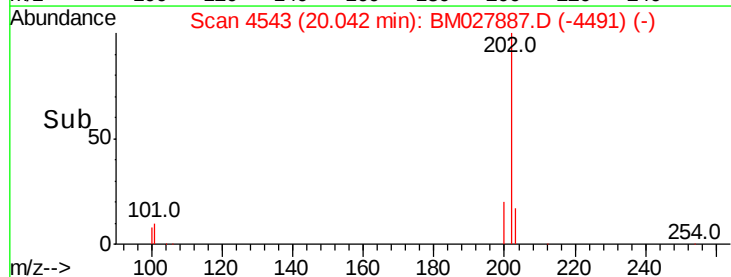
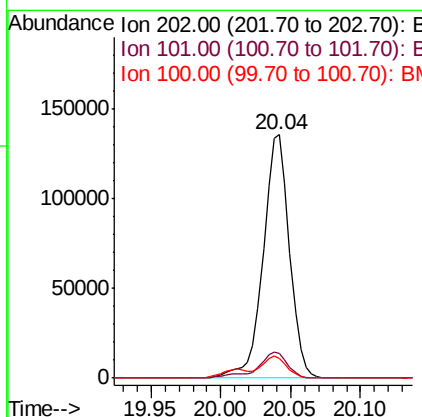
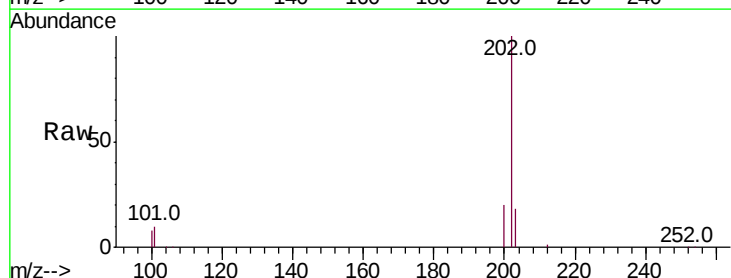
Instrument :
 BNA_M
 ClientSampleId :
 C0B55

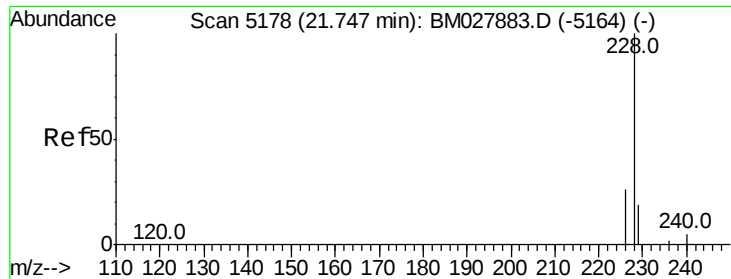
Tot Ion:166 Resp: 1463
 Ion Ratio Lower Upper
 166 100
 165 95.8 78.1 117.1
 167 18.1 11.8 17.8#



#17
Pyrene
 Concen: 12.535 ng/ul
 RT: 20.04 min Scan# 4543
 Delta R.T. 0.00 min
 Lab File: BM027887.D
 Acq: 21 Nov 2020 18:43

Tgt Ion:202 Resp: 176845
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.2
 100 8.3 6.9 10.3





#18

Benzo(a)anthracene

Concen: 6.190 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

Instrument :

BNA_M

ClientSampleId :

C0B55

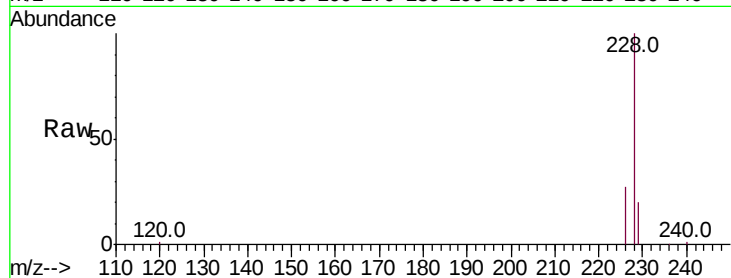
Tot Ion:228 Resp: 69384

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

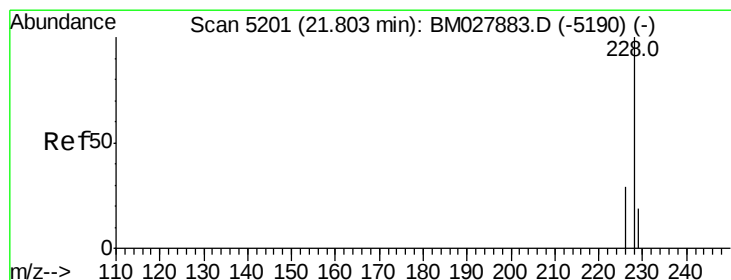
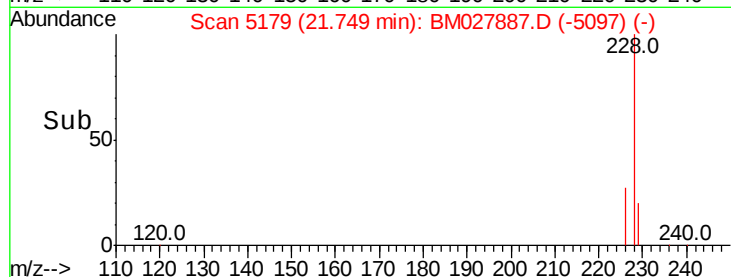
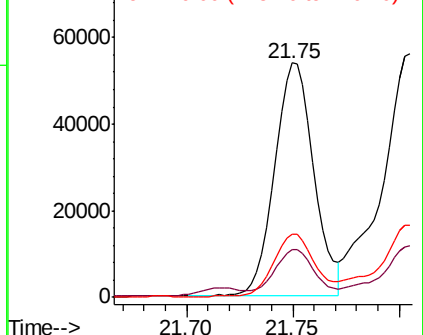
226 26.9 21.5 32.3



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: 7.697 ng/ul

RT: 21.81 min Scan# 5202

Delta R.T. -0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

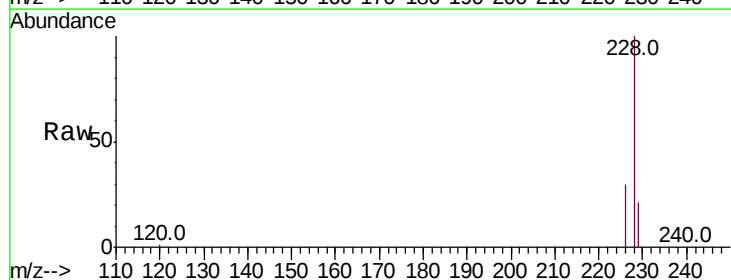
Tgt Ion:228 Resp: 84030

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

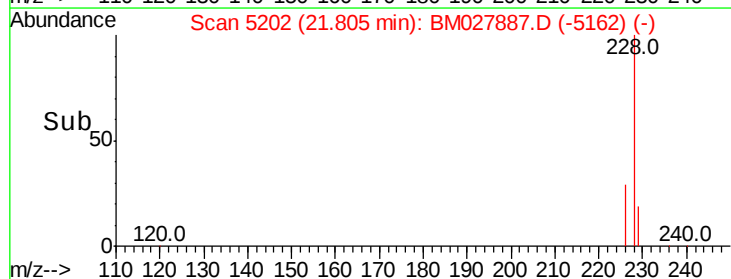
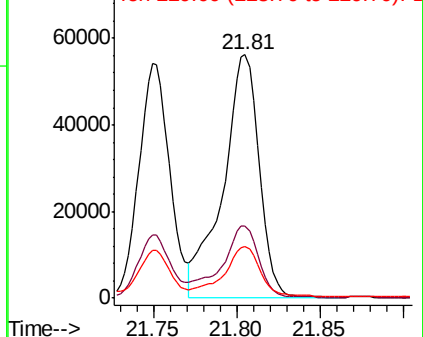
229 21.3 16.6 24.8

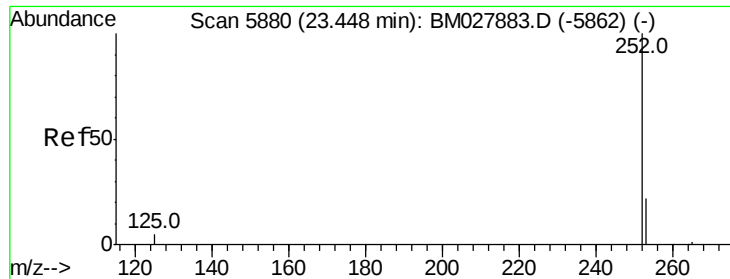


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 14.478 ng/u1

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

Instrument :

BNA_M

ClientSampleId :

C0B55

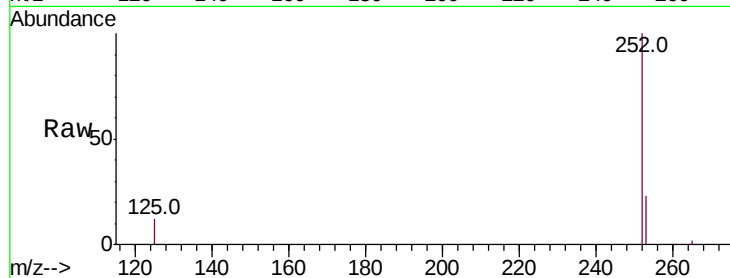
Tot Ion:252 Resp: 133012

Ion Ratio Lower Upper

252 100

253 22.8 0.0 59.6

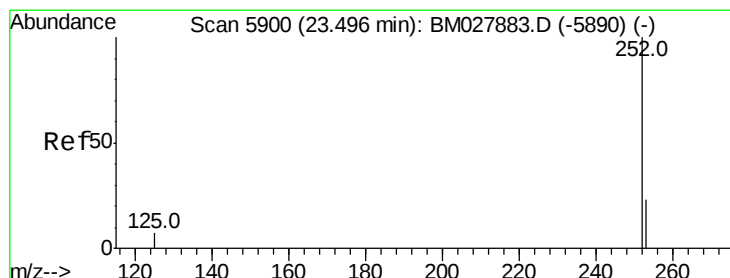
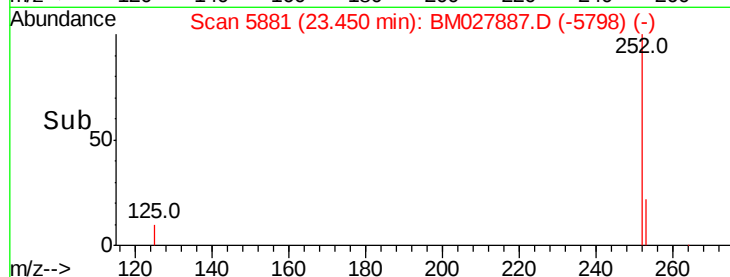
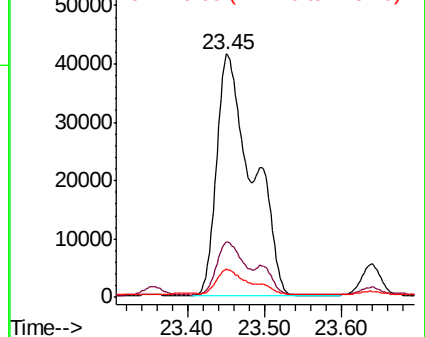
125 11.5 0.0 28.4



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: 14.774 ng/u1

RT: 23.45 min Scan# 5881

Delta R.T. -0.05 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

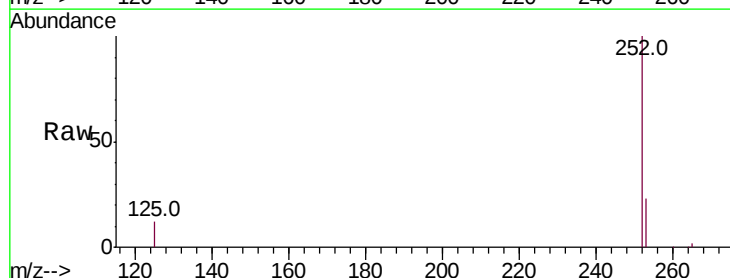
Tgt Ion:252 Resp: 132915

Ion Ratio Lower Upper

252 100

253 22.8 23.2 34.8#

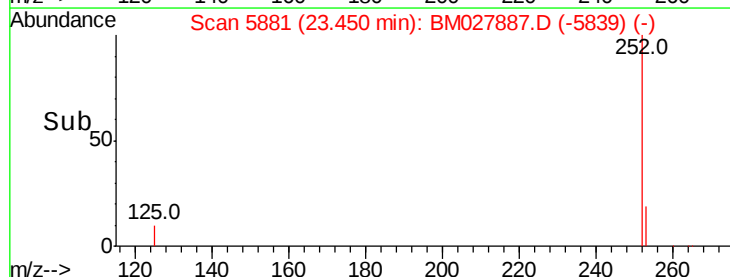
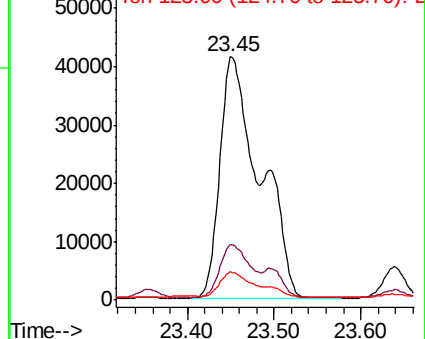
125 11.5 11.8 17.6#

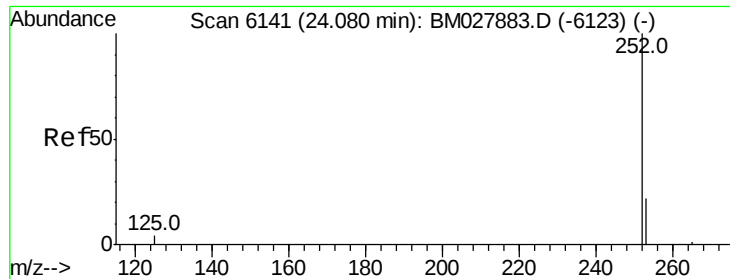


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 7.598 ng/ul

RT: 24.08 min Scan# 6142

Delta R.T. 0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

Instrument :

BNA_M

ClientSampleId :

C0B55

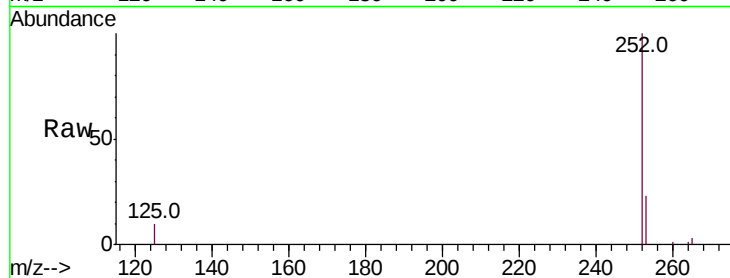
Tot Ion:252 Resp: 61029

Ion Ratio Lower Upper

252 100

253 22.9 25.2 37.8#

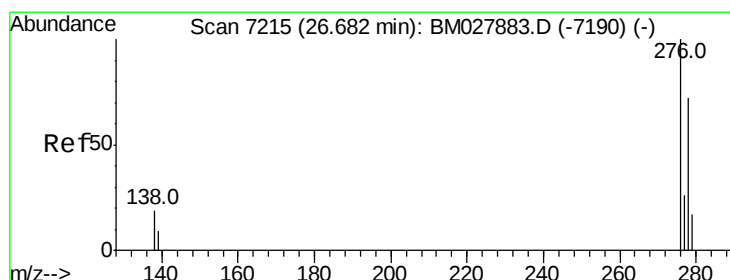
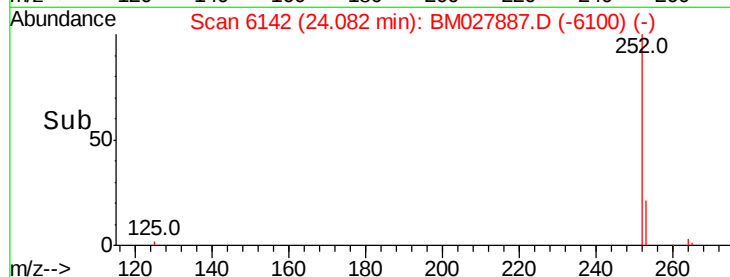
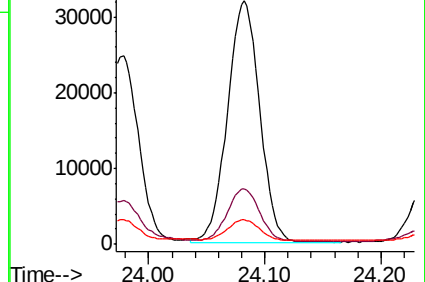
125 10.3 13.8 20.6#



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: 5.347 ng/ul

RT: 26.69 min Scan# 7217

Delta R.T. 0.00 min

Lab File: BM027887.D

Acq: 21 Nov 2020 18:43

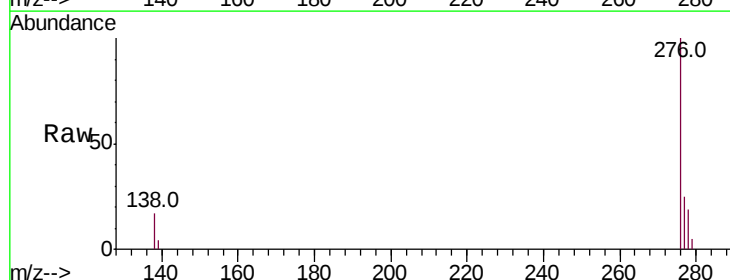
Tgt Ion:276 Resp: 46503

Ion Ratio Lower Upper

276 100

138 17.0 15.7 23.5

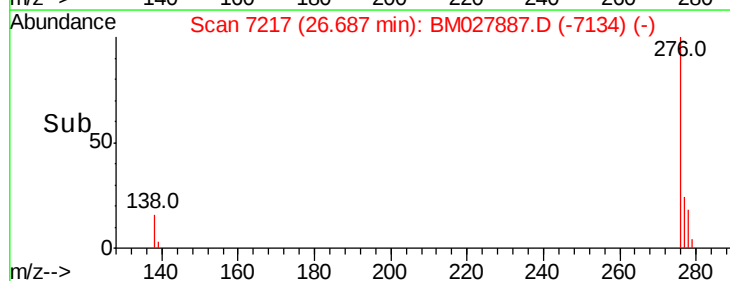
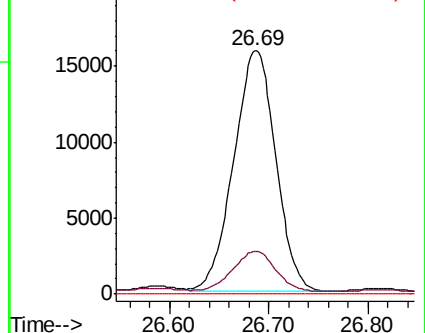
227 0.0 0.0 0.0

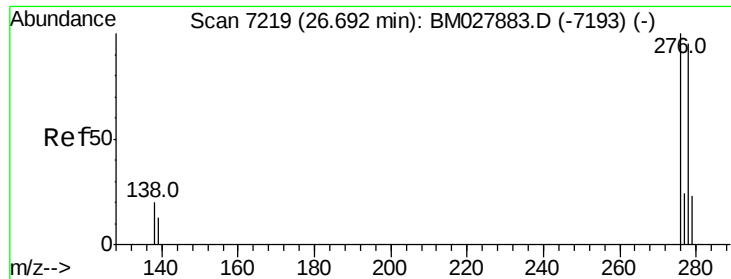


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



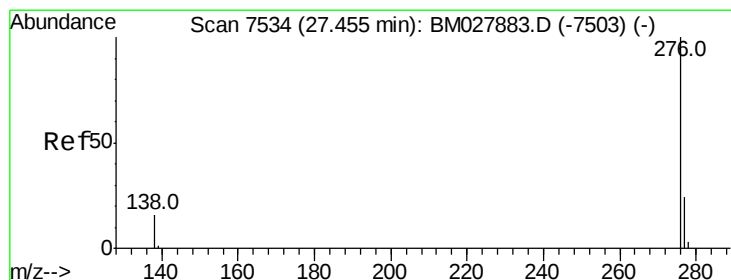
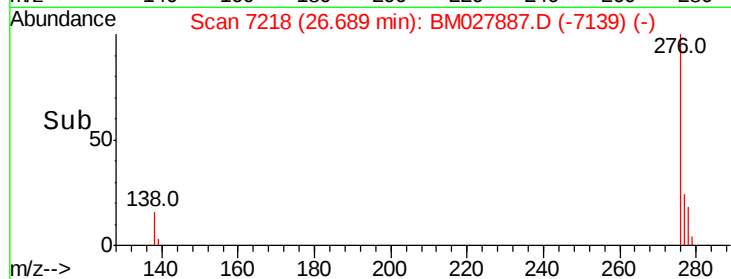
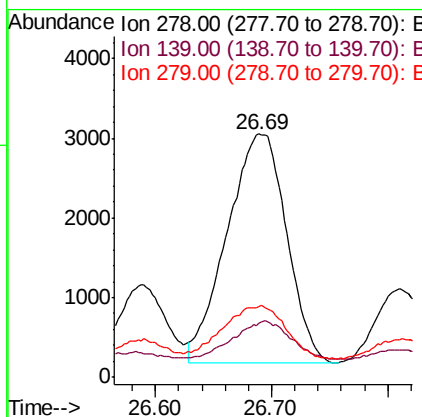
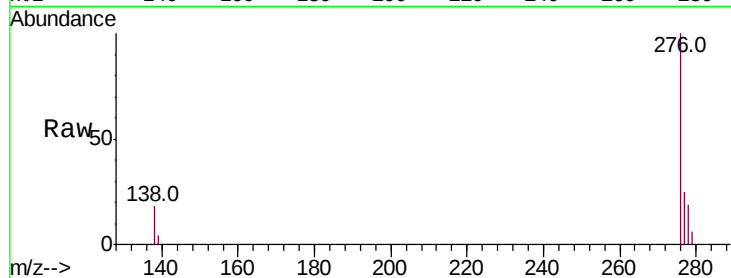


#25
Dibenzo(a,h)anthracene
Concen: 1.412 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Instrument :
BNA_M
ClientSampleId :
C0B55

Tot Ion:278 Resp: 10223

Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2#
279	28.9	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 5.765 ng/ul
RT: 27.46 min Scan# 7536
Delta R.T. -0.00 min
Lab File: BM027887.D
Acq: 21 Nov 2020 18:43

Tgt Ion:276 Resp: 42062

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.4	26.2
277	24.7	22.5	33.7

