

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101220\
 Data File : BM027655.D
 Acq On : 12 Oct 2020 14:27
 Operator : JU/CG
 Sample : L4153-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2N62

Manual Integrations
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mohammad
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Quant Time: Oct 12 15:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM100820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 10:50:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	542	0.40	ng/ul	0.00
2) Naphthalene-d8	10.56	136	1563	0.40	ng/ul	0.00
7) Acenaphthene-d10	14.41	164	1113	0.40	ng/ul	0.00
11) Phenanthrene-d10	17.15	188	2848	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	3297	0.40	ng/ul	0.00
21) Perylene-d12	23.59	264	3566	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	1049	0.36	ng/ul	0.00
15) Fluoranthene-d10	19.18	212	3816	0.44	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.61	128	1211	0.272	ng/ul#	93
5) 2-Methylnaphthalene	12.23	142	879	0.272	ng/ul	100
8) Acenaphthylene	14.13	152	3359	0.695	ng/ul	99
10) Fluorene	15.46	166	1712	0.352	ng/ul	96
12) Pentachlorophenol	16.80	266	202	0.175	ng/ul	96
13) Phenanthrene	17.19	178	5811	0.674	ng/ul	99
14) Anthracene	17.29	178	1866	0.231	ng/ul	95
16) Fluoranthene	19.21	202	5299	0.487	ng/ul	97
18) Pyrene	19.57	202	6239	0.546	ng/ul#	96
19) Benzo(a)anthracene	21.32	228	9097	0.713	ng/ul	98
20) Chrysene	21.37	228	5068	0.374	ng/ul	99
22) Benzo(b)fluoranthene	22.91	252	4356m	0.288	ng/ul	
23) Benzo(k)fluoranthene	22.95	252	7106	0.468	ng/ul#	96
25) Indeno(1,2,3-cd)pyrene	25.86	276	6538	0.366	ng/ul#	94
26) Dibenzo(a,h)anthracene	25.87	278	6075	0.412	ng/ul	97
27) Benzo(a,h,i)perylene	26.55	276	8814	0.564	ng/ul	99

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

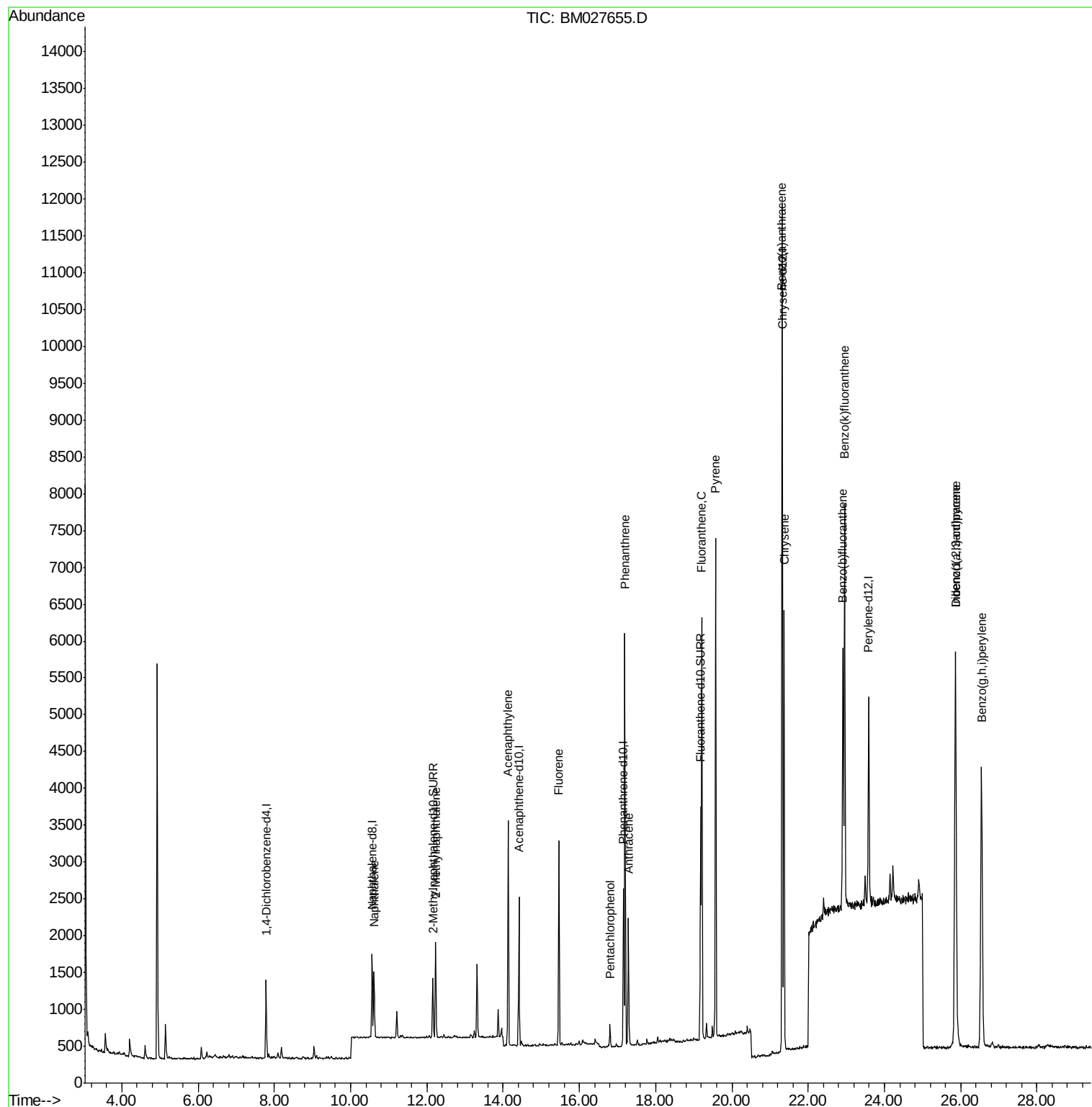
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101220\
Data File : BM027655.D
Acq On : 12 Oct 2020 14:27
Operator : JU/CG
Sample : L4153-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

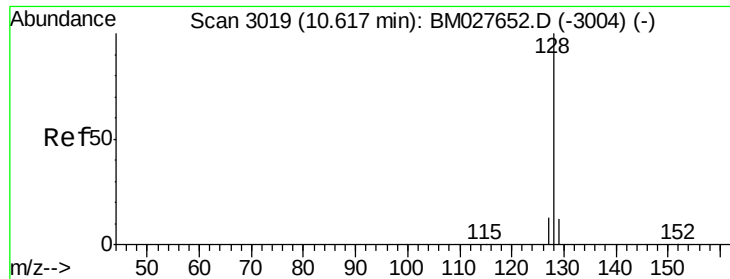
Instrument :
BNA_M
ClientSampleId :
X2N62

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Quant Time: Oct 12 15:25:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM100820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 10:50:29 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.272 ng/ul

RT: 10.61 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Instrument :

BNA_M

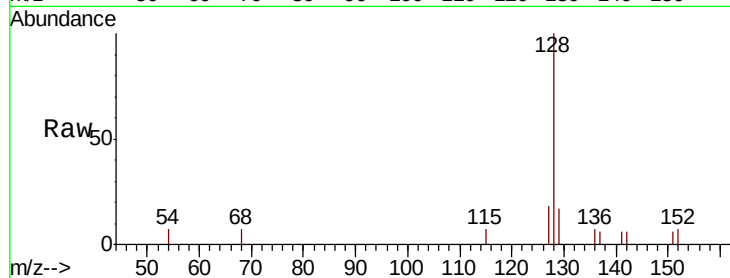
ClientSampled :

X2N62

Tot Ion:	128	Resp:	1211
Ion Ratio	Lower	Upper	
128	100		
129	17.2	11.0	16.4#
127	17.7	12.2	18.2

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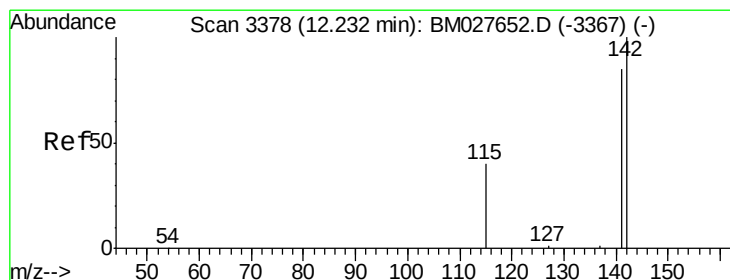
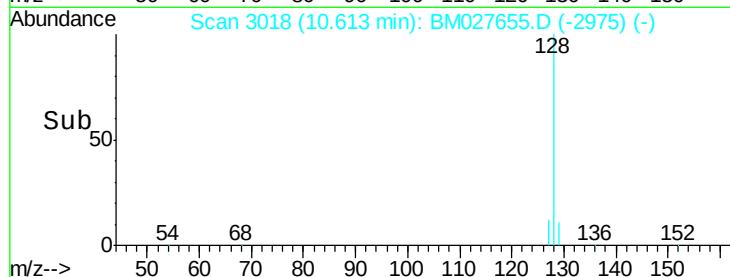
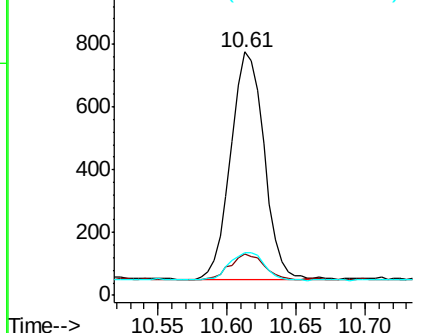
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.272 ng/ul

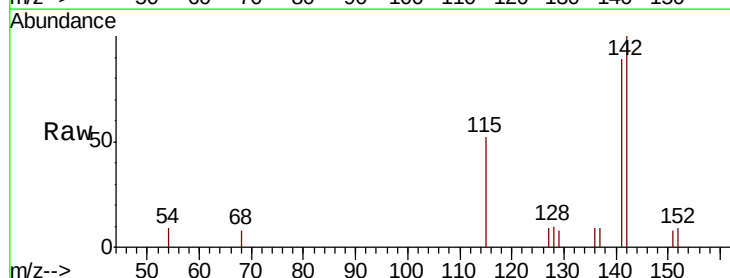
RT: 12.23 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BM027655.D

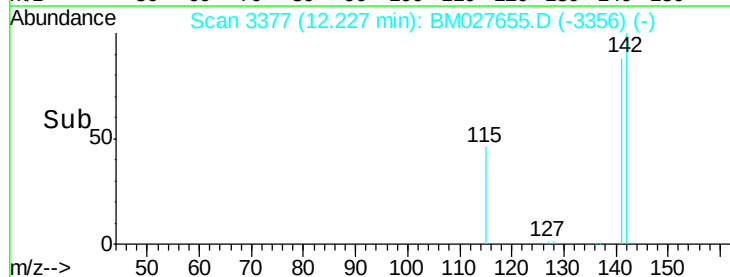
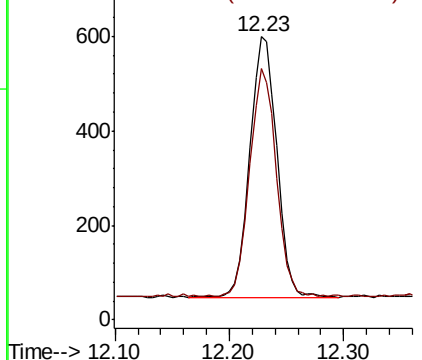
Acq: 12 Oct 2020 14:27

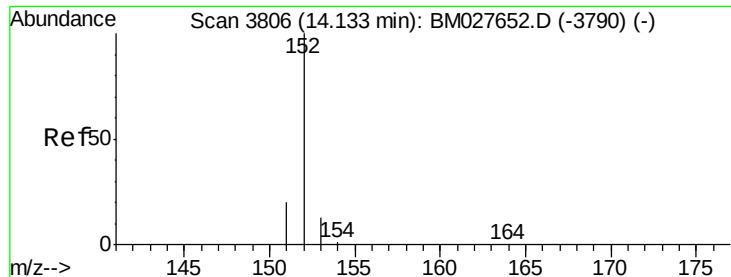
Tgt Ion:	142	Resp:	879
Ion Ratio	Lower	Upper	
142	100		
141	85.8	68.6	103.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthylene

Concen: 0.695 ng/ul

RT: 14.13 min Scan# 3806

Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Instrument :

BNA_M

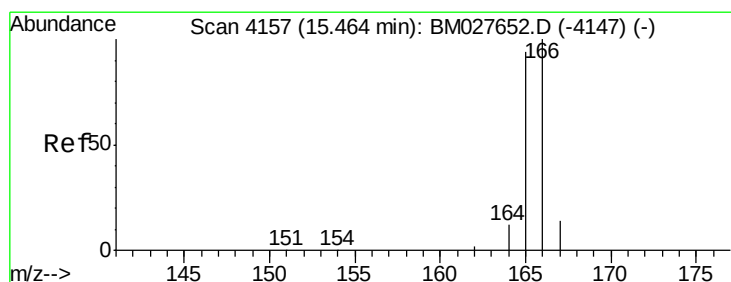
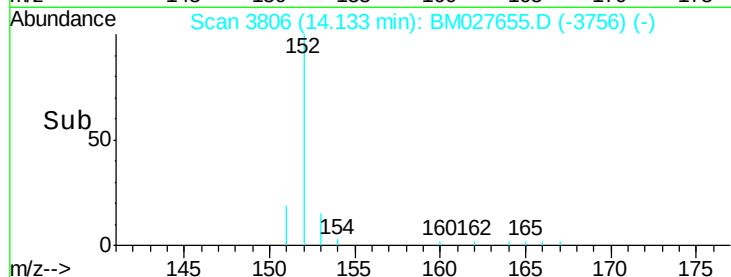
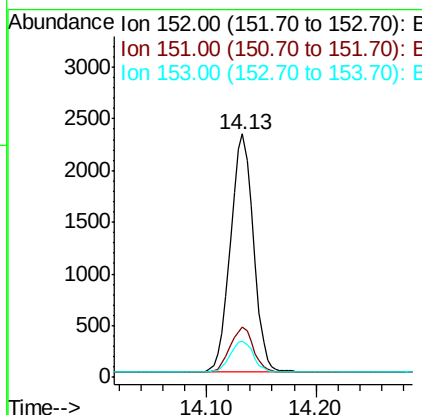
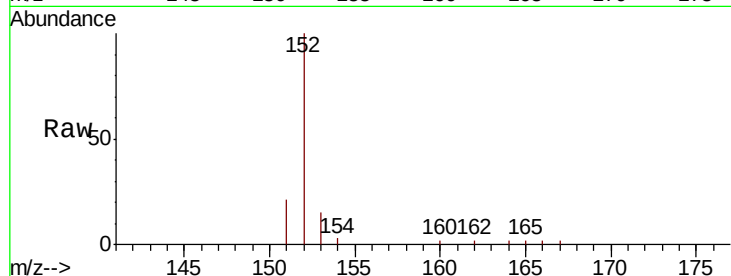
ClientSampleId :

X2N62

Tot Ion:	152	Resp:	3359
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	15.1	12.4	18.6

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#10

Fluorene

Concen: 0.352 ng/ul

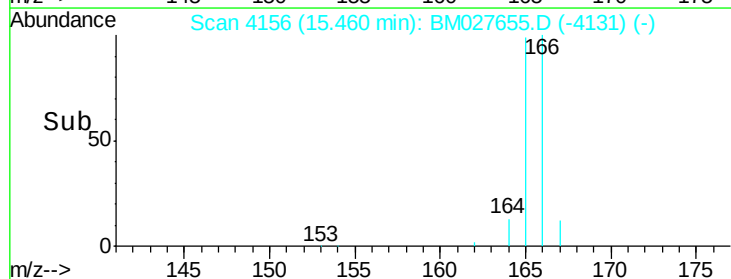
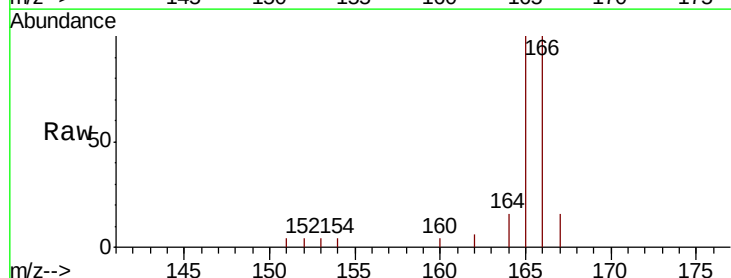
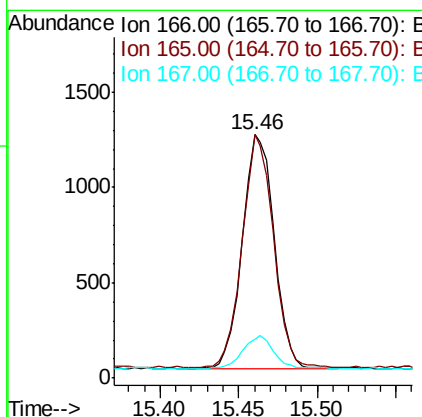
RT: 15.46 min Scan# 4156

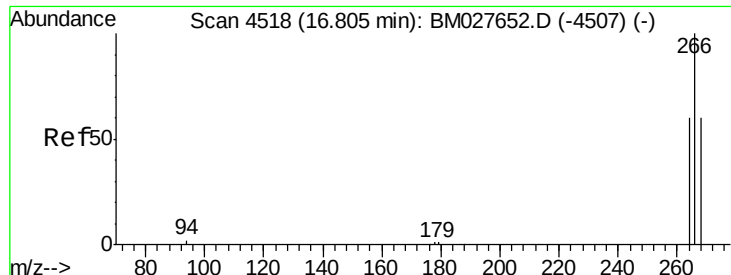
Delta R.T. -0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Tgt Ion:	166	Resp:	1712
Ion	Ratio	Lower	Upper
166	100		
165	100.1	76.6	115.0
167	15.8	11.9	17.9





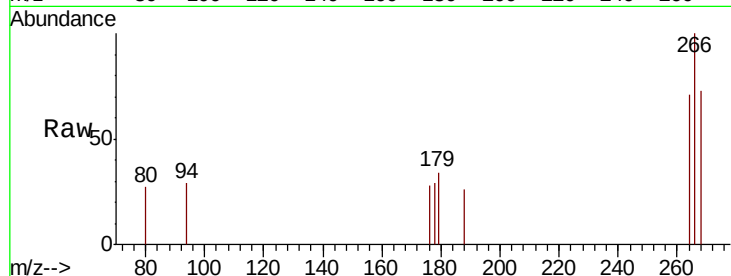
#12
 Pentachlorophenol
 Concen: 0.175 ng/ul
 RT: 16.80 min Scan# 4518
 Delta R.T. 0.00 min
 Lab File: BM027655.D
 Acq: 12 Oct 2020 14:27

Instrument :
 BNA_M
 ClientSampled :
 X2N62

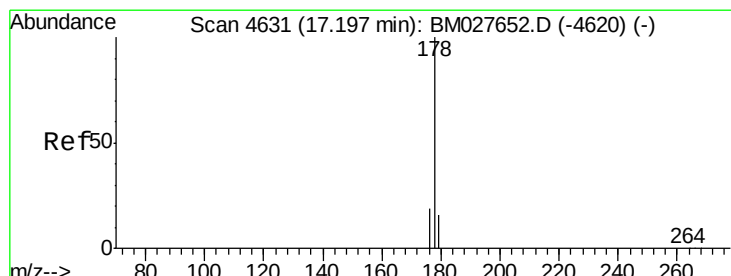
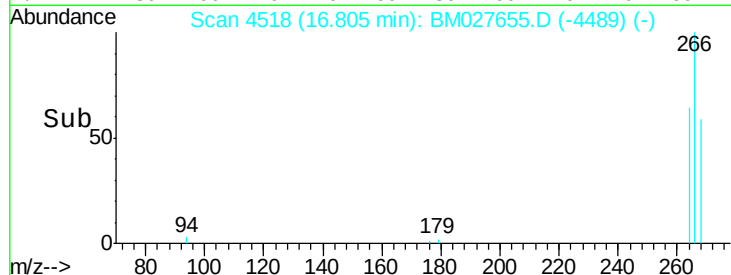
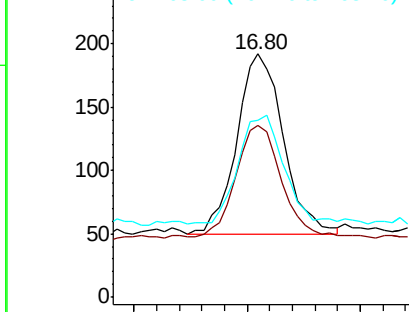
Tot Ion:	266	Resp:	202
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.0	73.4
268	60.9	52.5	78.7

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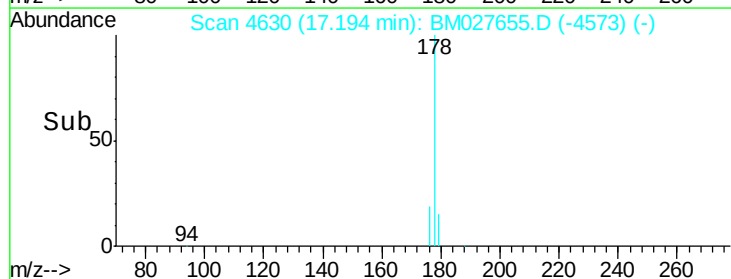
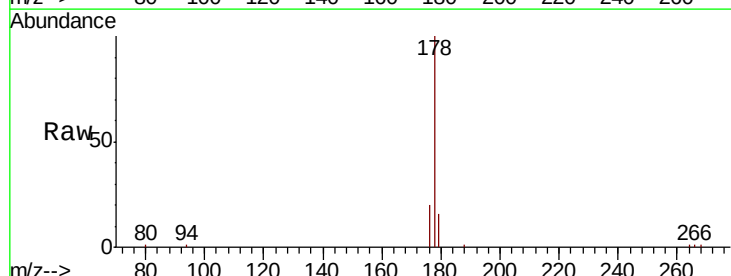
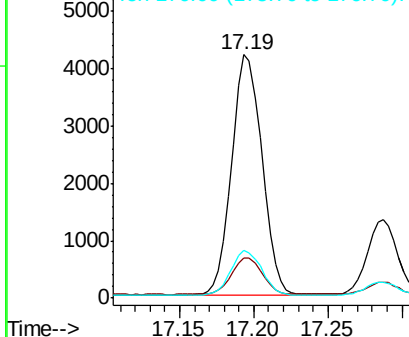
Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

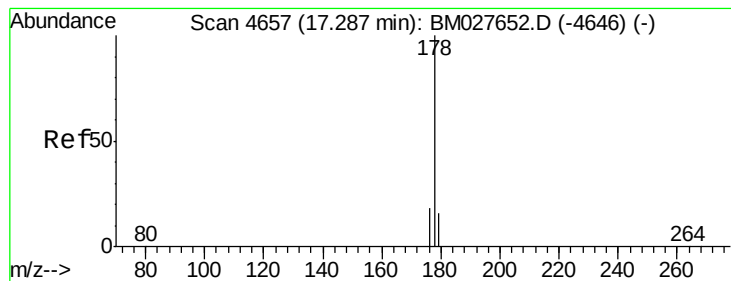


#13
 Phenanthrene
 Concen: 0.674 ng/ul
 RT: 17.19 min Scan# 4630
 Delta R.T. -0.00 min
 Lab File: BM027655.D
 Acq: 12 Oct 2020 14:27

Tgt Ion:	178	Resp:	5811
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.6
176	19.7	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





#14

Anthracene

Concen: 0.231 ng/ul

RT: 17.29 min Scan# 4657

Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Instrument :

BNA_M

ClientSampled :

X2N62

Tot Ion:178 Resp: 1866

Ion Ratio Lower Upper

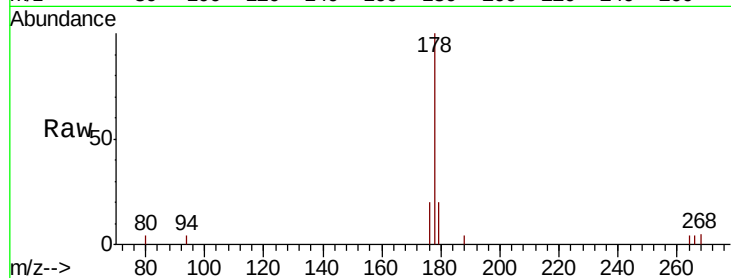
178 100

179 19.6 13.1 19.7

176 20.3 15.3 22.9

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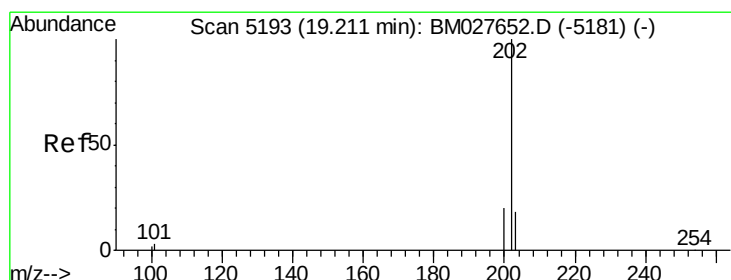
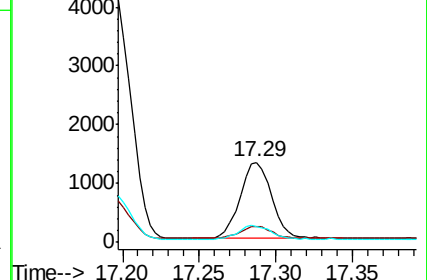
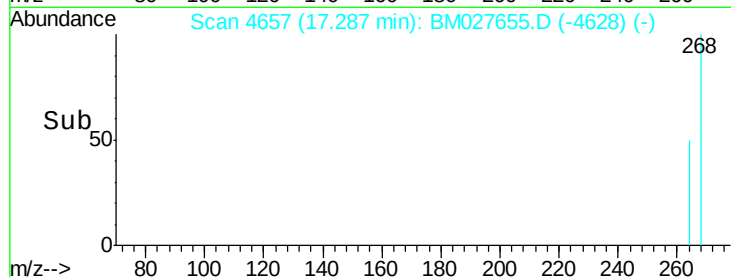
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 0.487 ng/ul

RT: 19.21 min Scan# 5193

Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

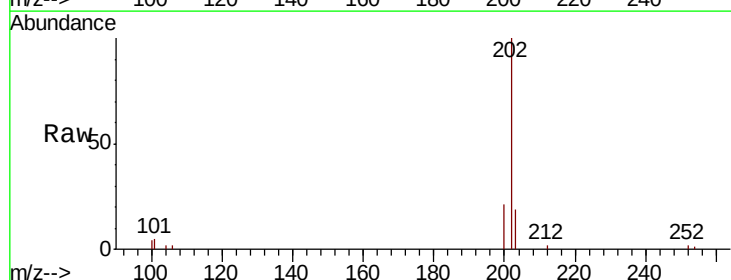
Tgt Ion:202 Resp: 5299

Ion Ratio Lower Upper

202 100

101 4.5 0.0 23.6

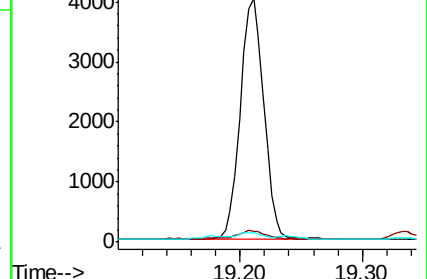
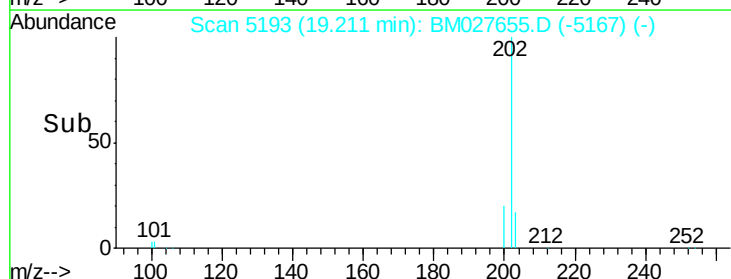
100 3.9 0.0 23.1

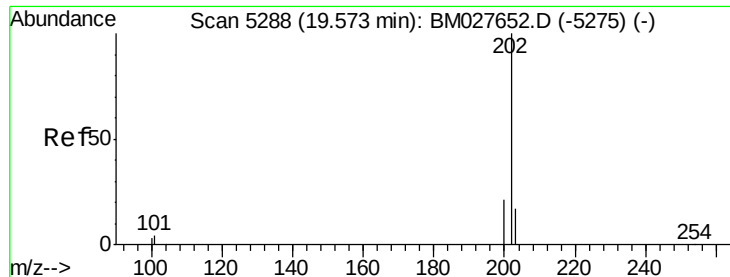


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





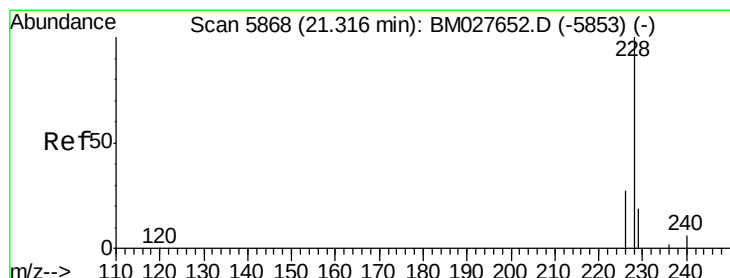
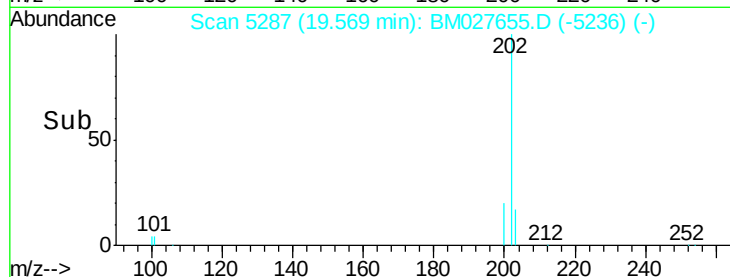
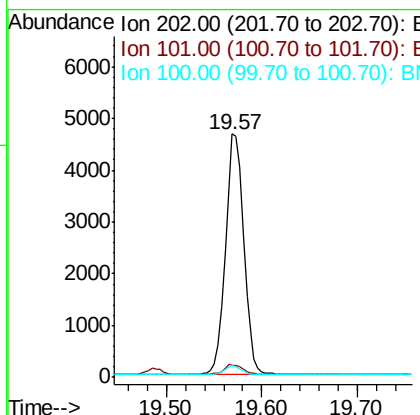
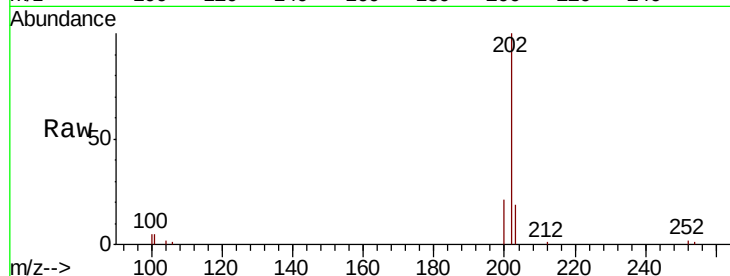
#18
 Pvrene
 Concen: 0.546 ng/ul
 RT: 19.57 min Scan# 5287
 Delta R.T. -0.00 min
 Lab File: BM027655.D
 Acq: 12 Oct 2020 14:27

Instrument :
 BNA_M
 ClientSampleId :
 X2N62

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.1	3.1	4.7#
100	5.0	2.8	4.2#

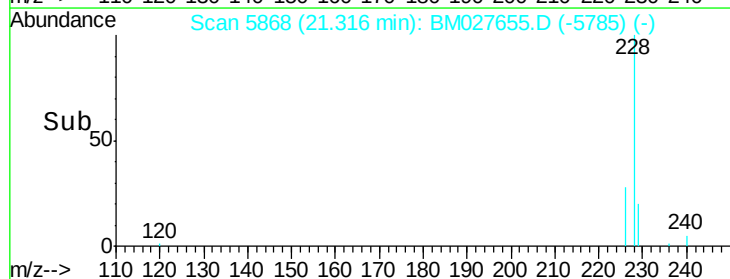
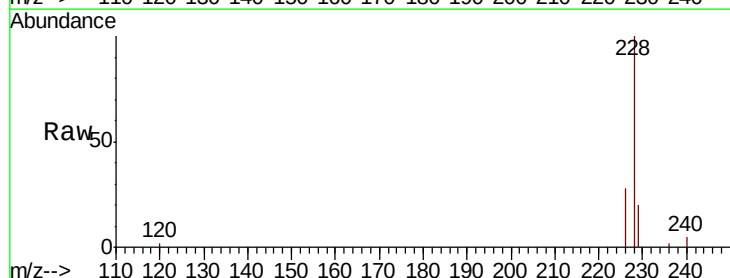
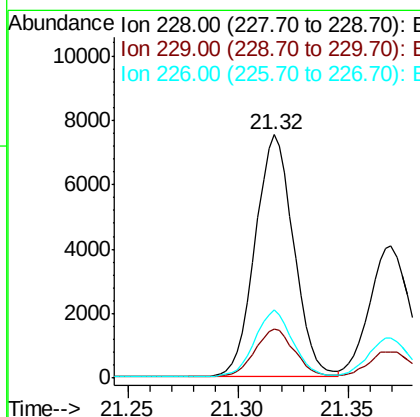
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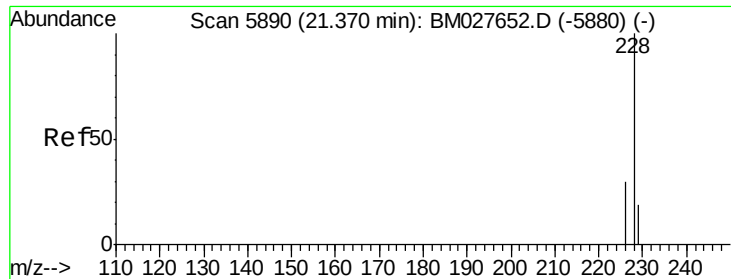
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#19
 Benzo(a)anthracene
 Concen: 0.713 ng/ul
 RT: 21.32 min Scan# 5868
 Delta R.T. 0.00 min
 Lab File: BM027655.D
 Acq: 12 Oct 2020 14:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	16.2	24.4
226	28.2	21.4	32.0





#20

Chrysene

Concen: 0.374 ng/ul

RT: 21.37 min Scan# 5890

Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Instrument :

BNA_M

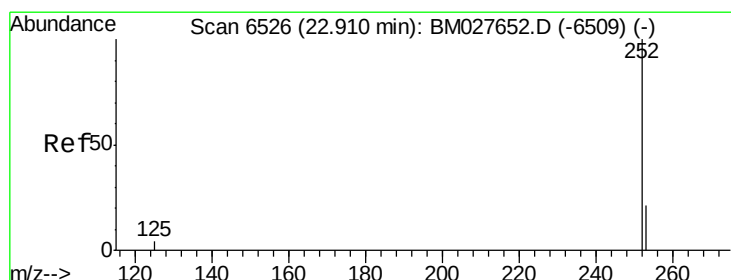
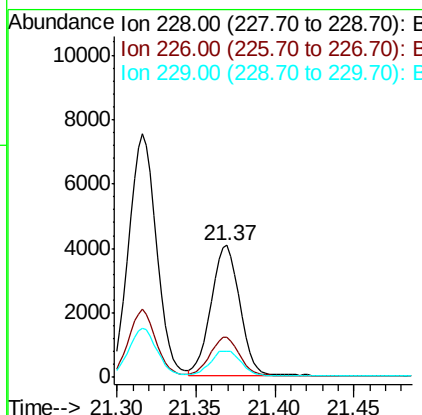
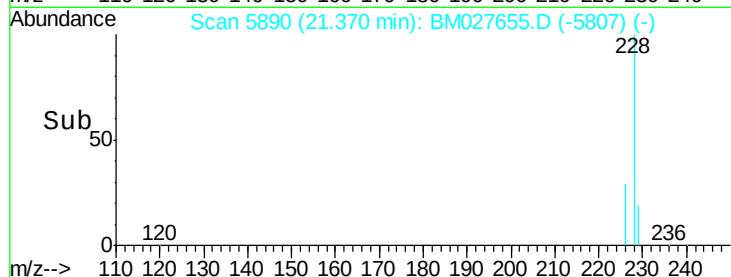
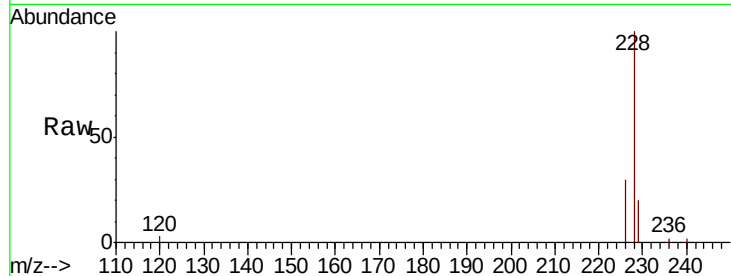
ClientSampleId :

X2N62

Tot Ion:	228	Resp:	5068
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	20.1	15.8	23.6

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#22

Benzo(b)fluoranthene

Concen: 0.288 ng/ul m

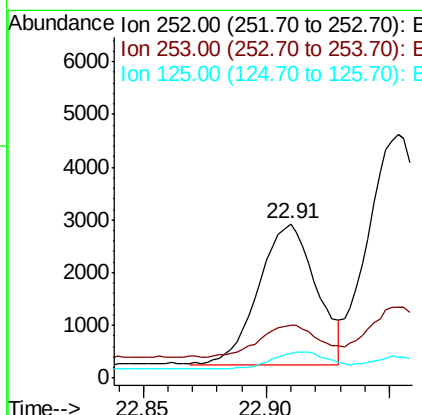
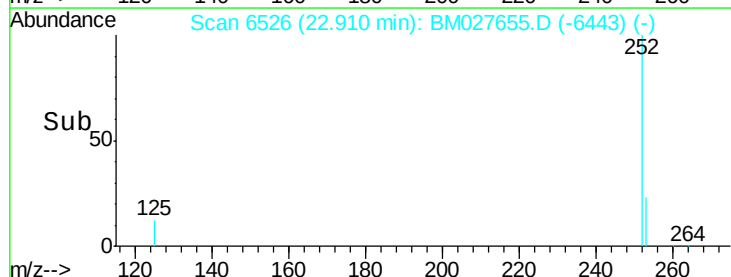
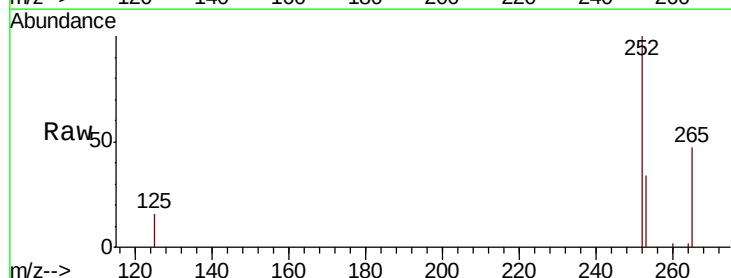
RT: 22.91 min Scan# 6526

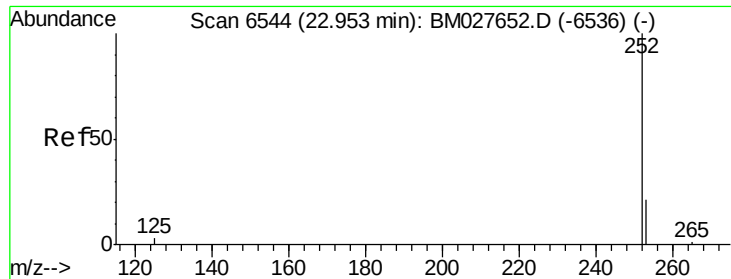
Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Tgt Ion:	252	Resp:	4356
Ion	Ratio	Lower	Upper
252	100		
253	33.9	0.0	55.2
125	16.3	0.0	14.0#





#23

Benzo(k)fluoranthene

Concen: 0.468 ng/ul

RT: 22.95 min Scan# 6544

Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Instrument :

BNA_M

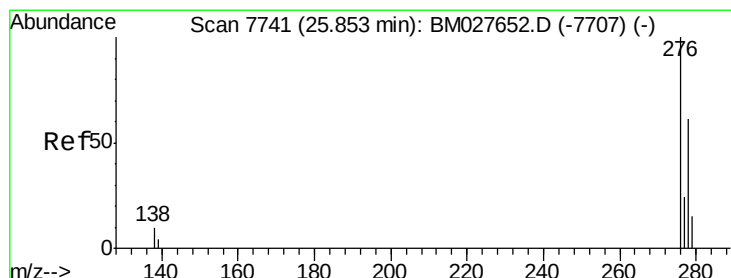
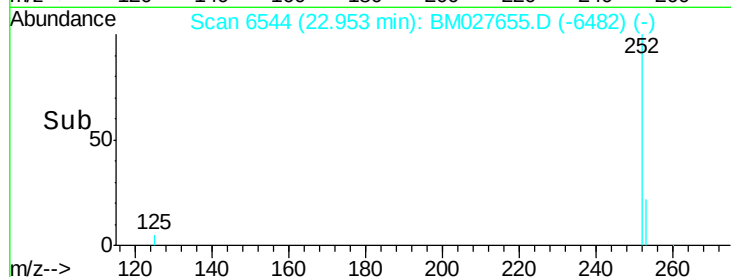
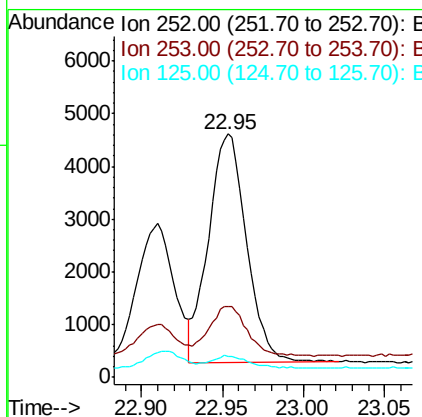
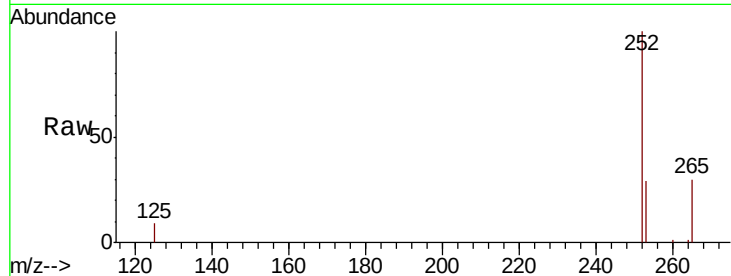
ClientSampleId :

X2N62

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.1	33.1
125	8.5	4.7	7.1#

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#25

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

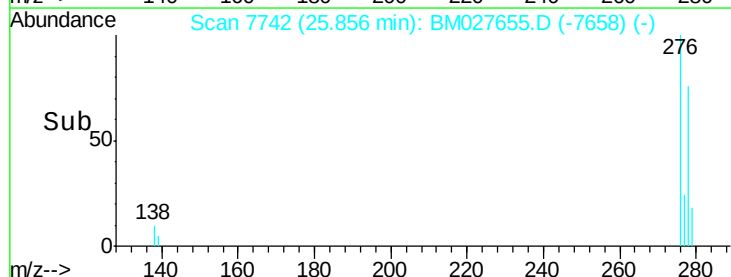
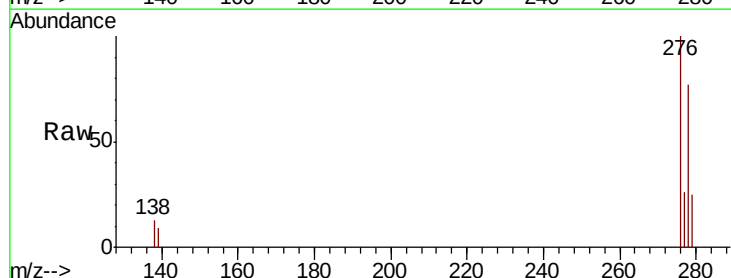
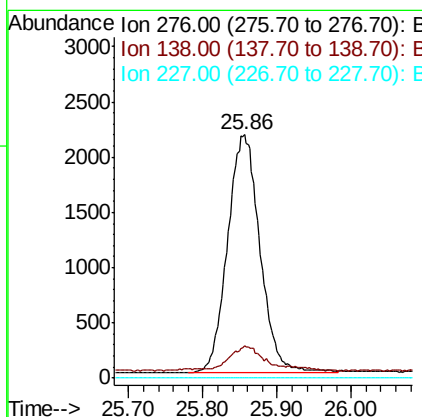
RT: 25.86 min Scan# 7742

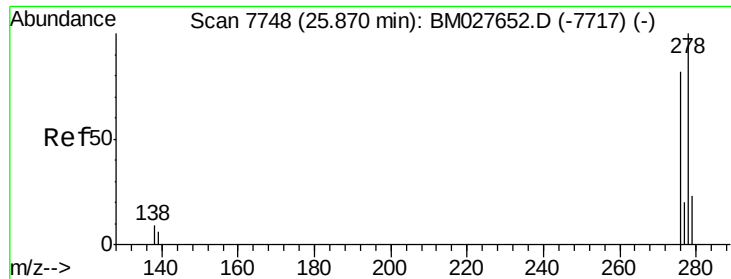
Delta R.T. 0.00 min

Lab File: BM027655.D

Acq: 12 Oct 2020 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	7.9	11.9#
227	0.0	0.0	0.0





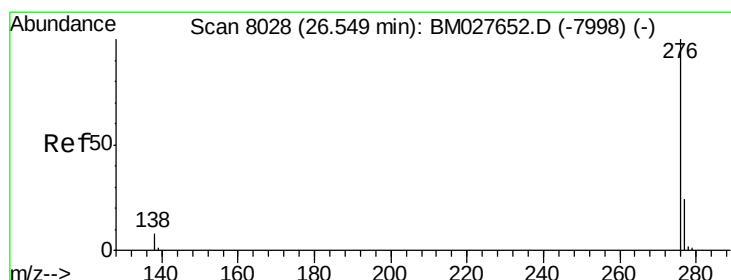
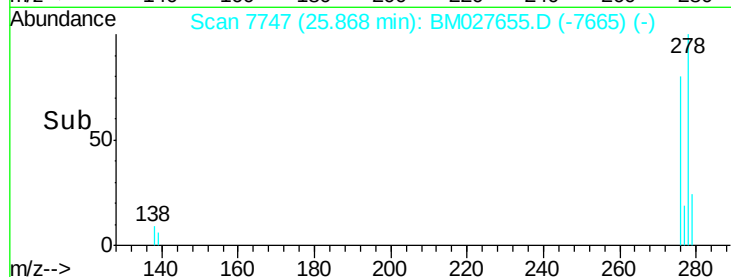
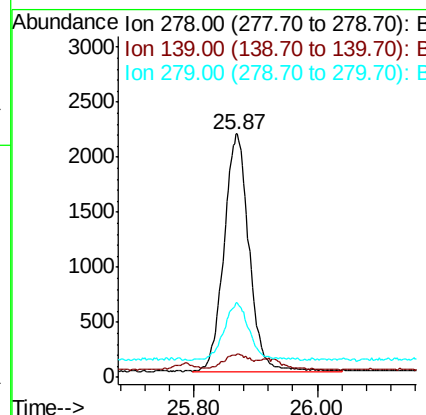
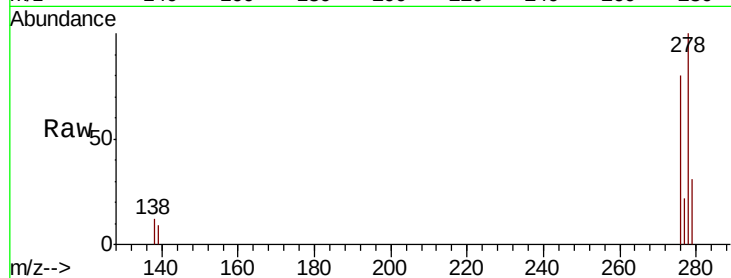
#26
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.87 min Scan# 7747
Delta R.T. -0.00 min
Lab File: BM027655.D
Acq: 12 Oct 2020 14:27

Instrument :
BNA_M
ClientSampleId :
X2N62

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	6.9	10.3
279	30.6	22.8	34.2

Manual Integrations
APPROVED

mohammad
10/12/2020 4:41:11 PM



#27
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 26.55 min Scan# 8027
Delta R.T. -0.00 min
Lab File: BM027655.D
Acq: 12 Oct 2020 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	8.4	12.6
277	25.4	20.6	31.0

