

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021795.D
 Acq On : 04 Aug 2019 04:28
 Operator : HP/JU
 Sample : K3850-21
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS7

Manual Integrations
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Quant Time: Aug 04 05:20:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1118	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4369	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2528	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6212m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.24	240	6456m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	6868m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1282	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	4434m	0.21	ng/ul	-0.02
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.11	142	229	0.028	ng/ul	100
7) Acenaphthylene	14.01	152	626	0.053	ng/ul#	82
12) Phenanthrene	17.08	178	4057	0.224	ng/ul	99
13) Anthracene	17.18	178	828m	0.054	ng/ul	
15) Fluoranthene	19.11	202	10852m	0.448	ng/ul	
17) Pyrene	19.47	202	9961	0.375	ng/ul	99
18) Benzo(a)anthracene	21.23	228	6002	0.260	ng/ul	94
19) Chrysene	21.28	228	5464	0.184	ng/ul#	95
21) Benzo(b)fluoranthene	22.79	252	9532m	0.412	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	3384m	0.129	ng/ul	
23) Benzo(a)pyrene	23.36	252	5685m	0.241	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	4872m	0.173	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	1107m	0.049	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	5238m	0.207	ng/ul	

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

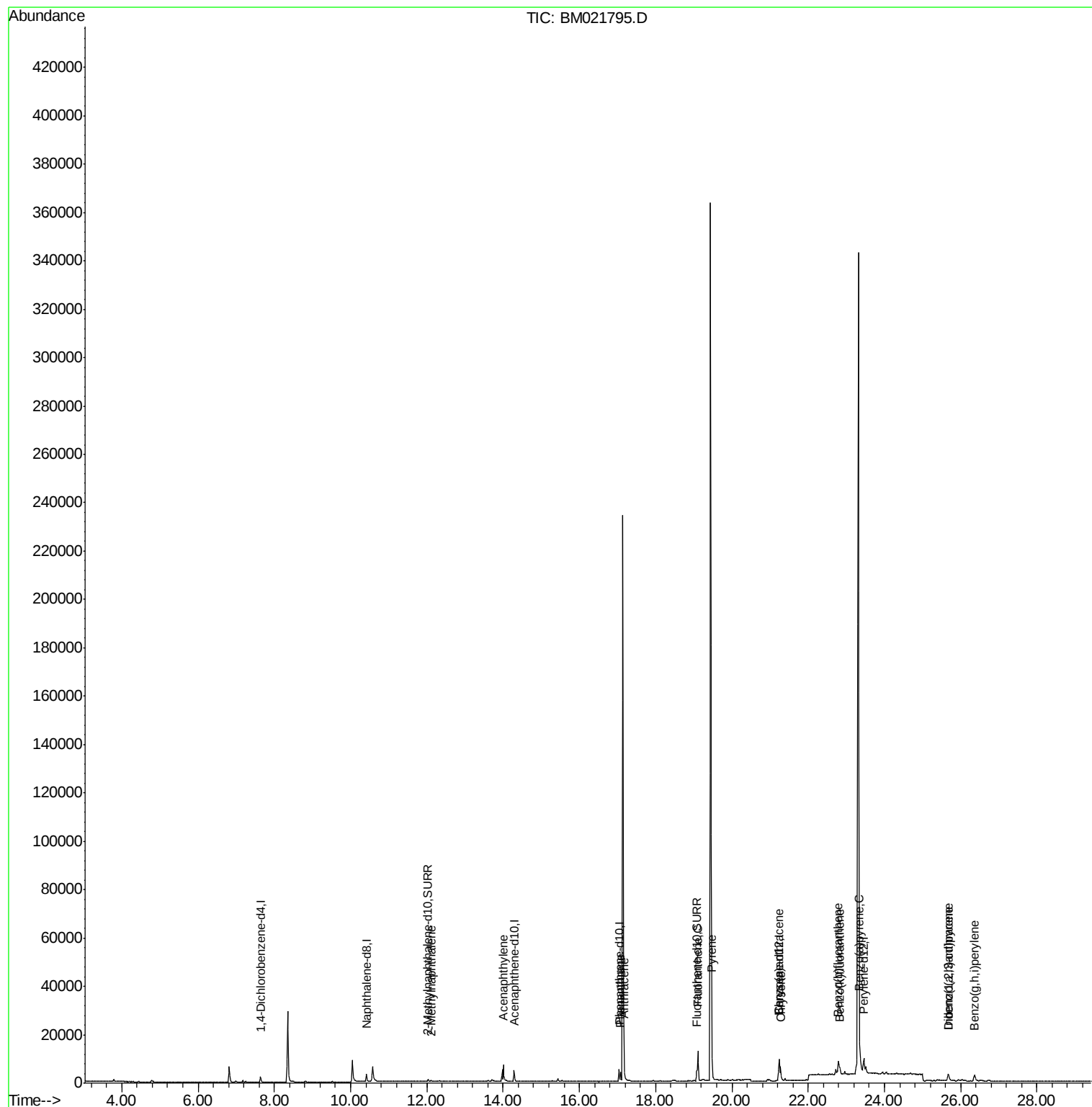
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021795.D
Acq On : 04 Aug 2019 04:28
Operator : HP/JU
Sample : K3850-21
Misc :
ALS Vial : 38 Sample Multiplier: 1

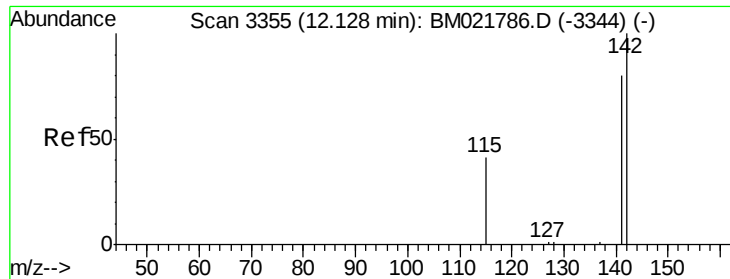
Instrument :
BNA_M
ClientSampleId :
BENS7

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Quant Time: Aug 04 05:20:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.11 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BM021795.D

Acq: 04 Aug 2019 04:28

Instrument :

BNA_M

ClientSampleId :

BENS7

Tgt Ion:142 Resp: 229

Ion Ratio Lower Upper

142 100

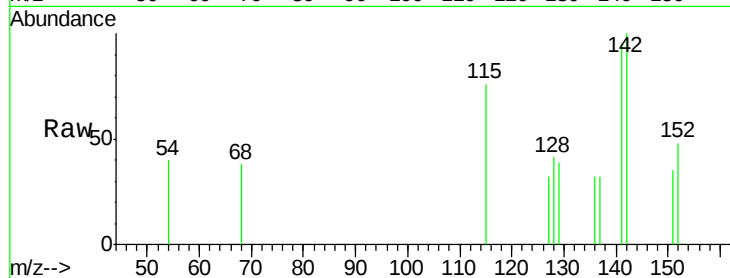
141 92.6 74.3 111.5

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.11

150

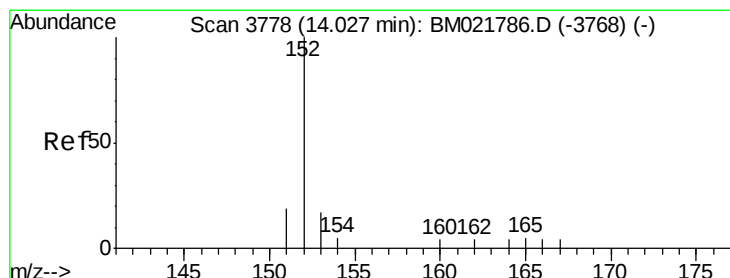
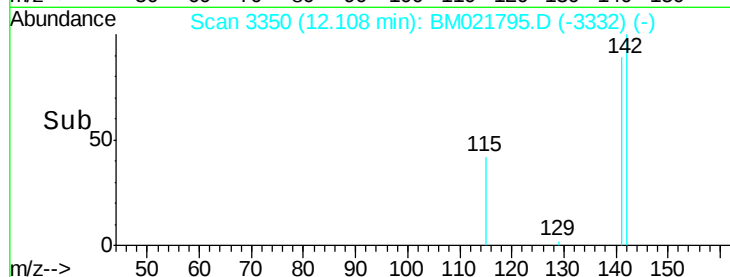
100

50

0

Time-->

12.05 12.10 12.15



#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.02 min

Lab File: BM021795.D

Acq: 04 Aug 2019 04:28

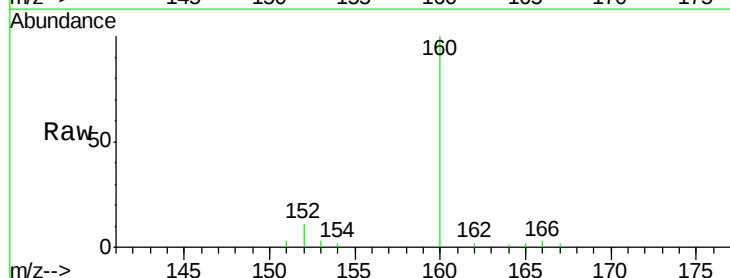
Tgt Ion:152 Resp: 626

Ion Ratio Lower Upper

152 100

151 29.8 18.3 27.5#

153 25.6 12.8 19.2#



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

14.01

600

500

400

300

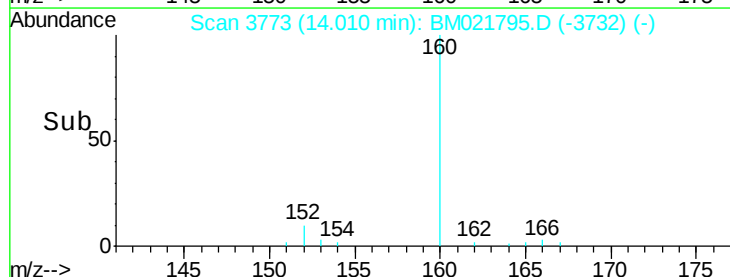
200

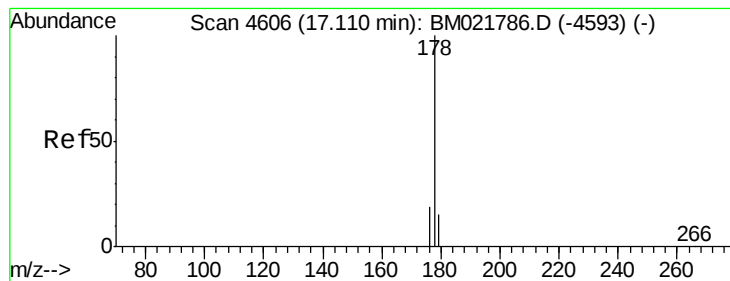
100

0

Time-->

13.90 14.00 14.10





#12

Phenanthrene

Concen: 0.224 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.03 min

Lab File: BM021795.D

Acq: 04 Aug 2019 04:28

Instrument :

BNA_M

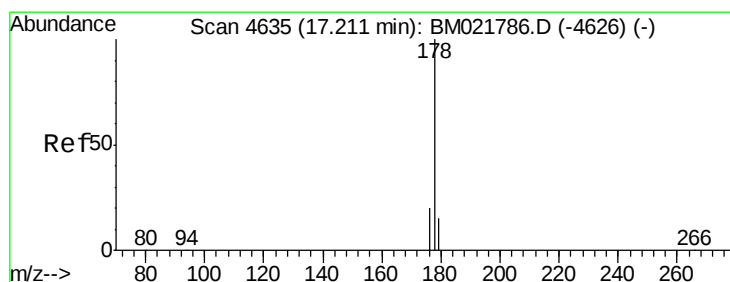
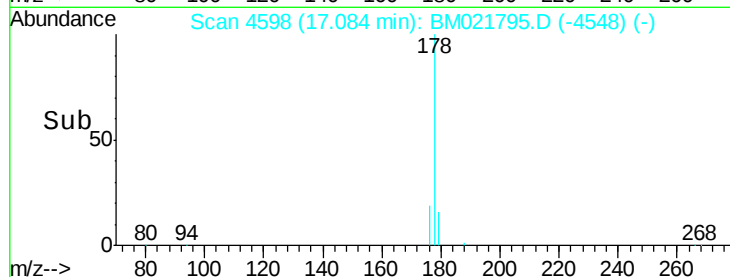
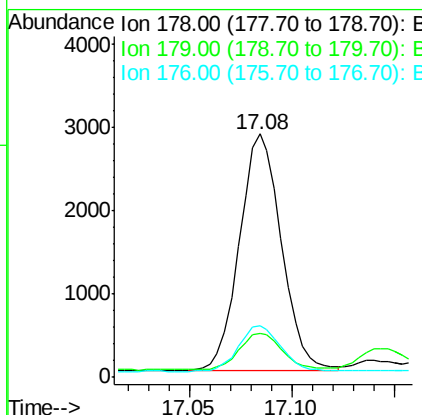
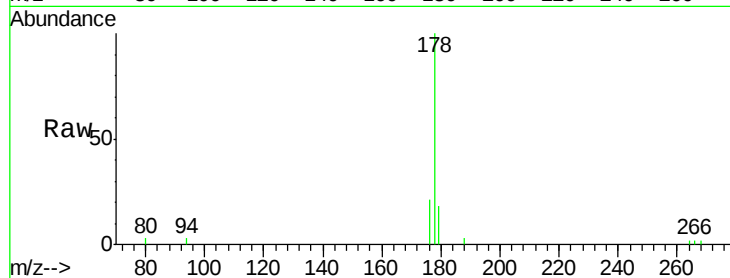
ClientSampleId :

BENS7

Tgt Ion:	178	Resp:	4057
Ion Ratio	Lower	Upper	
178	100		
179	18.3	14.2	21.2
176	21.1	16.8	25.2

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#13

Anthracene

Concen: 0.054 ng/ul m

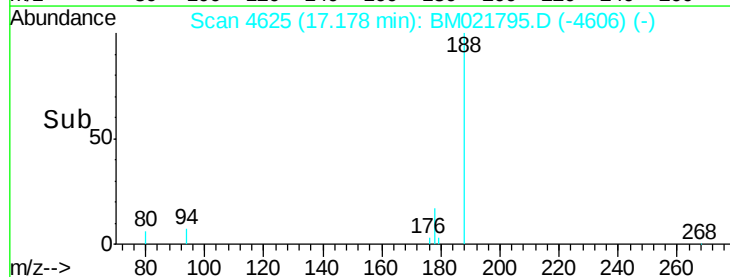
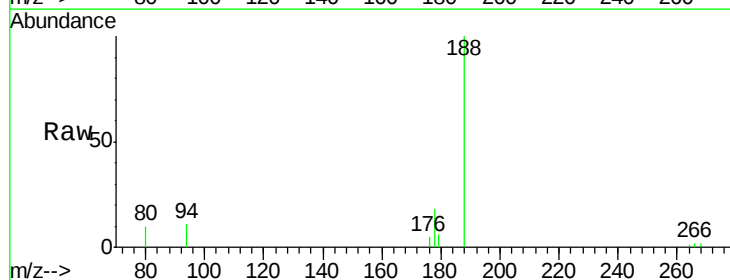
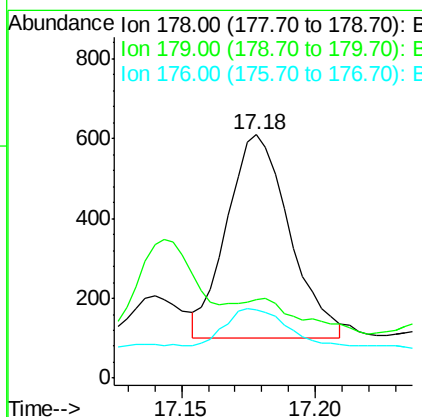
RT: 17.18 min Scan# 4625

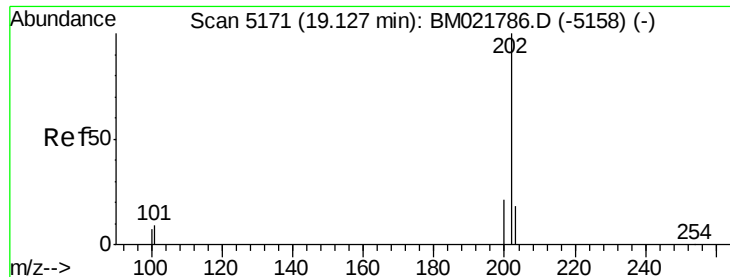
Delta R.T. -0.03 min

Lab File: BM021795.D

Acq: 04 Aug 2019 04:28

Tgt Ion:	178	Resp:	828
Ion Ratio	Lower	Upper	
178	100		
179	32.5	15.5	23.3#
176	28.2	16.6	25.0#





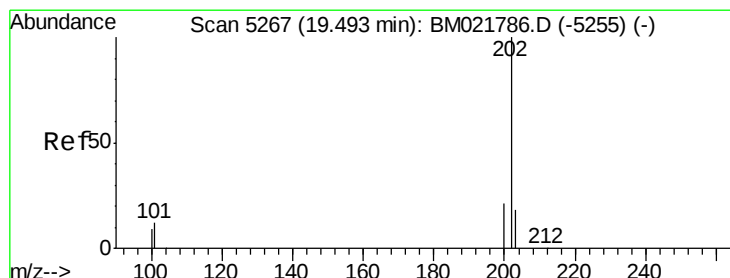
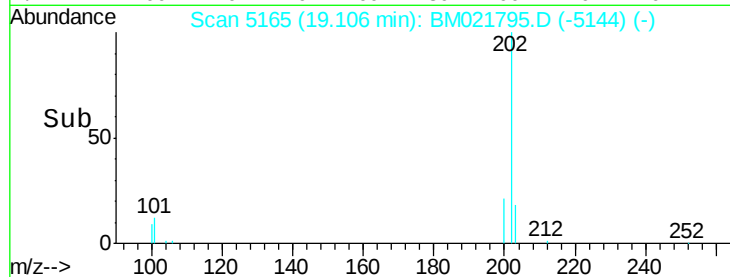
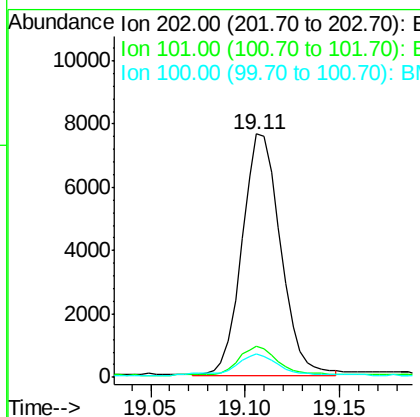
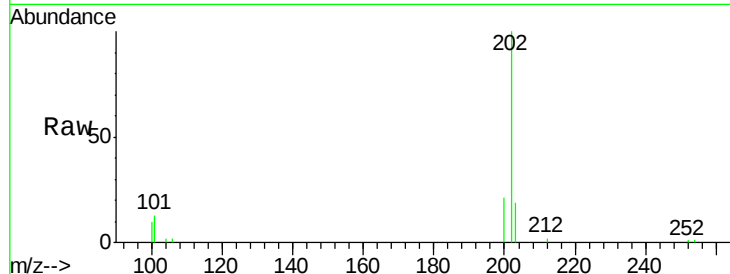
#15
Fluoranthene
 Concen: 0.448 ng/ul m
 RT: 19.11 min Scan# 5165
 Delta R.T. -0.02 min
 Lab File: BM021795.D
 Acq: 04 Aug 2019 04:28

Instrument :
 BNA_M
 ClientSampleId :
 BENS7

Tgt Ion:	202	Resp:	10852
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	30.2
100	9.7	0.0	28.1

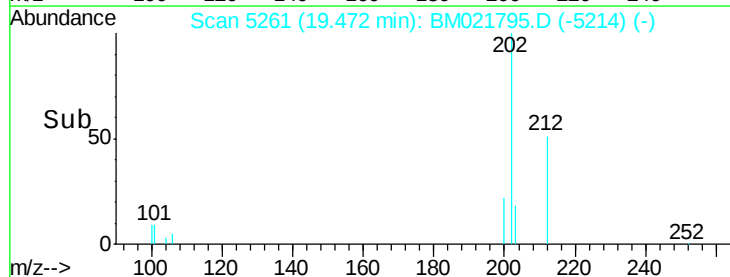
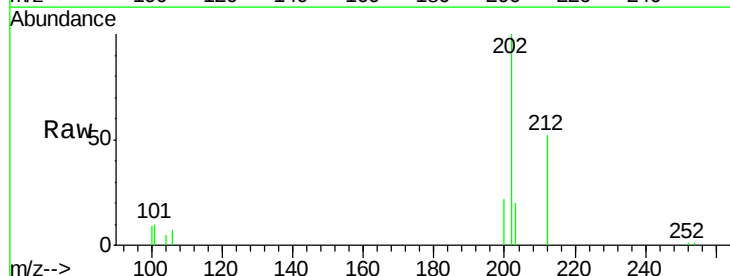
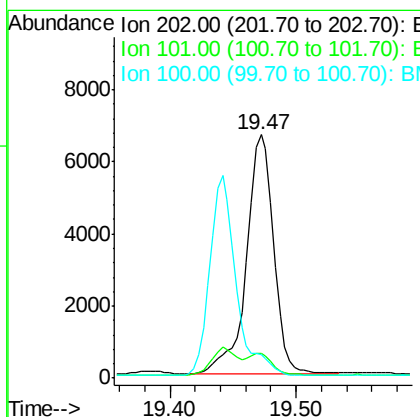
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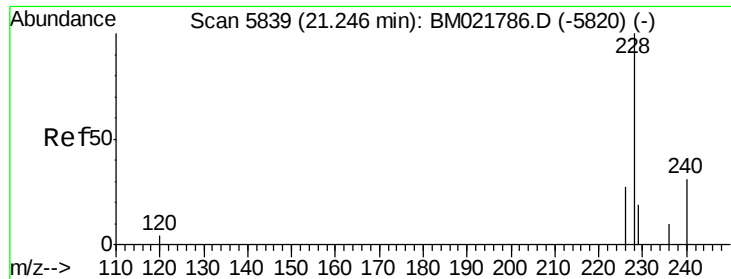
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#17
Pyrene
 Concen: 0.375 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.02 min
 Lab File: BM021795.D
 Acq: 04 Aug 2019 04:28

Tgt Ion:	202	Resp:	9961
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.3	12.5
100	9.4	7.2	10.8





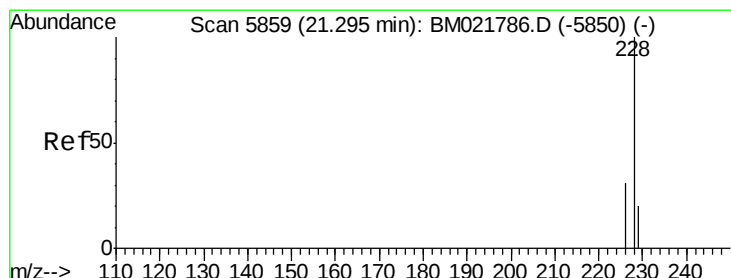
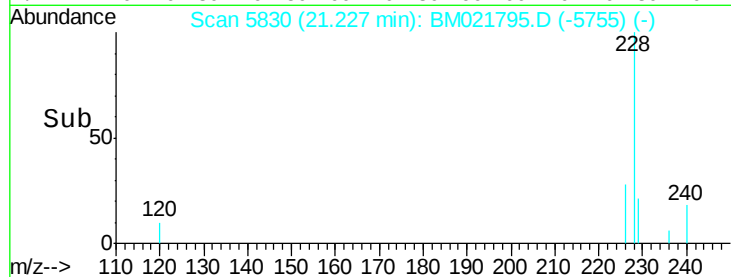
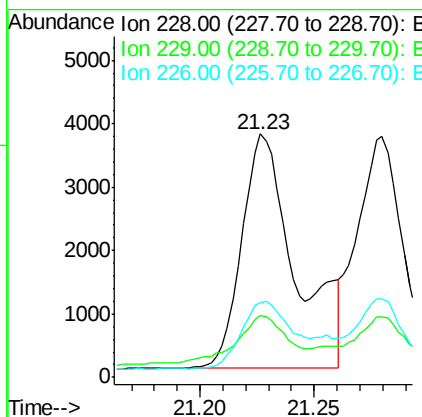
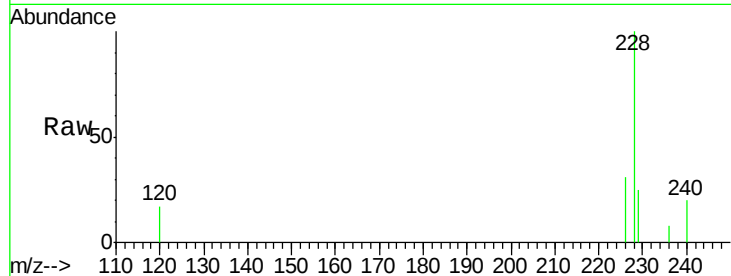
#18
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.23 min Scan# 5830
Delta R.T. -0.02 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Instrument :
BNA_M
ClientSampleId :
BENS7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.4	17.2	25.8
226	30.8	22.6	34.0

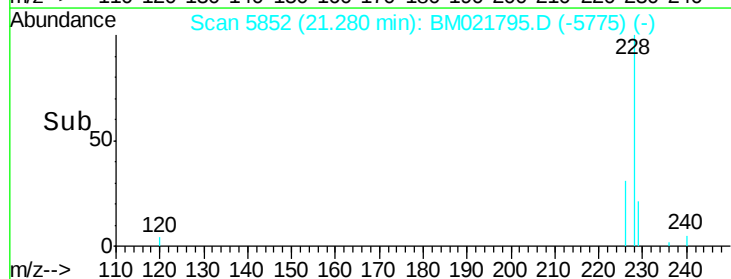
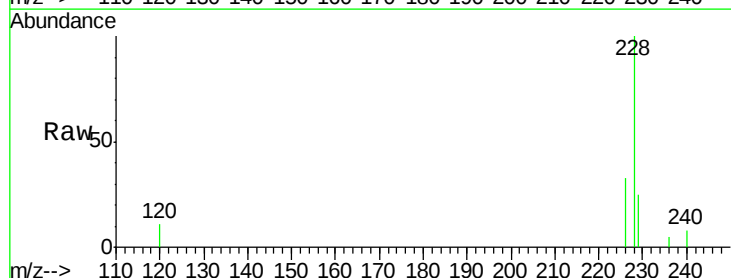
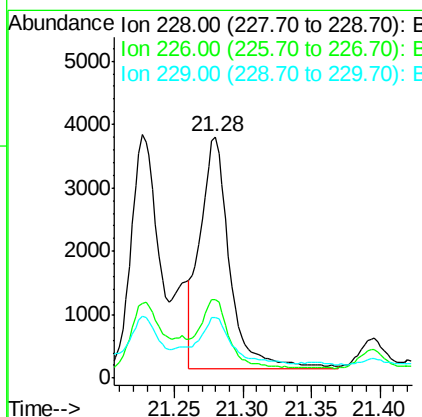
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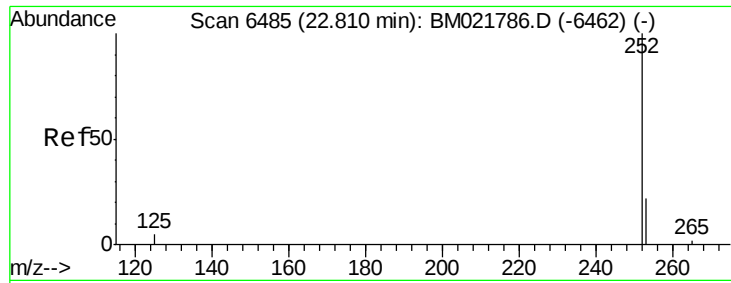
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#19
Chrysene
Concen: 0.184 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.01 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	25.0	16.6	25.0





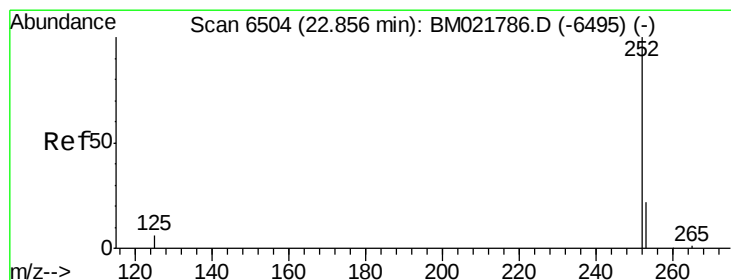
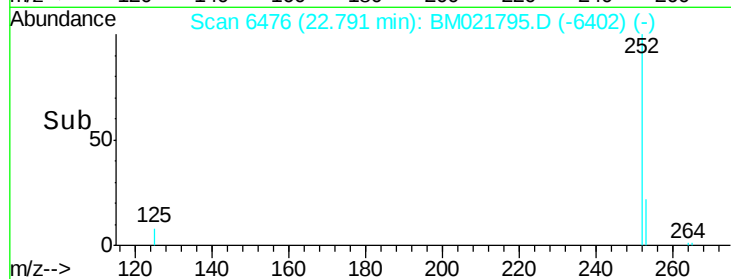
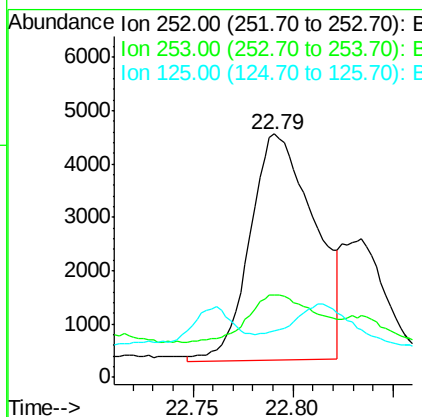
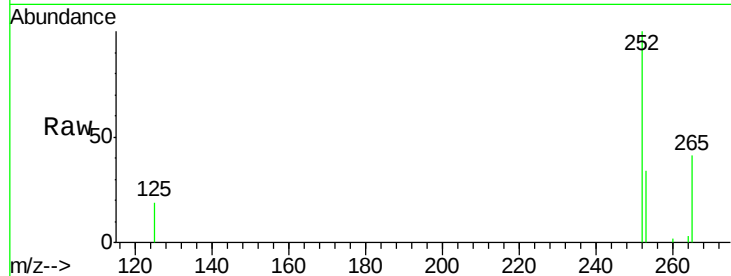
#21
Benzo(b)fluoranthene
Concen: 0.412 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.02 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Instrument :
BNA_M
ClientSampleId :
BENS7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	0.0	67.4
125	19.1	0.0	31.0

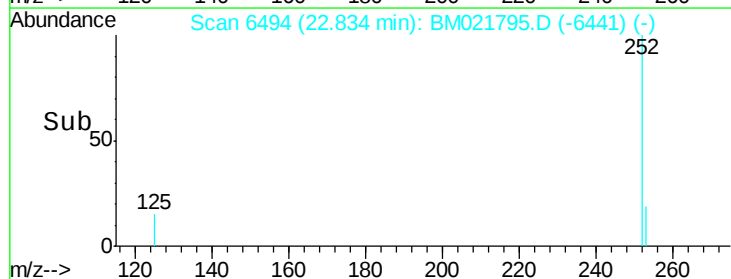
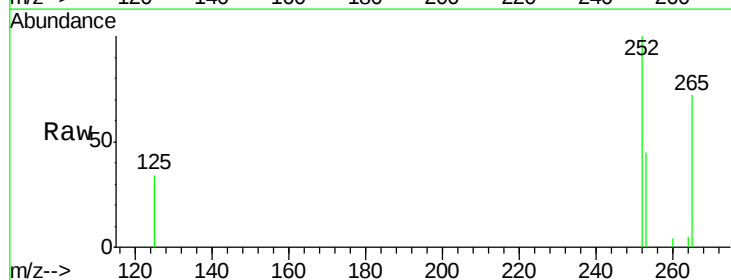
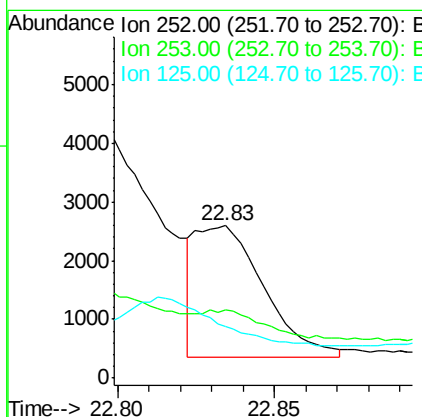
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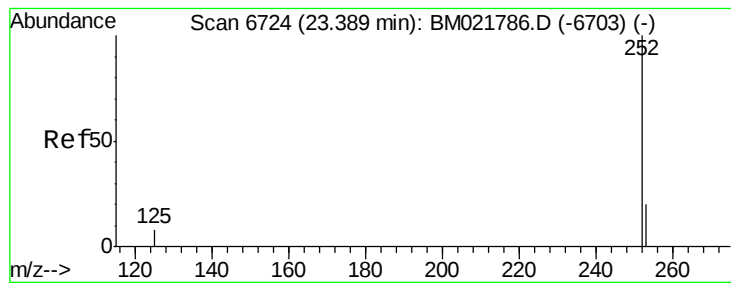
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#22
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.02 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.9	27.0	40.4#
125	34.2	12.2	18.2#





#23

Benzo(a)pyrene

Concen: 0.241 ng/ul m

RT: 23.36 min Scan# 6709

Delta R.T. -0.03 min

Lab File: BM021795.D

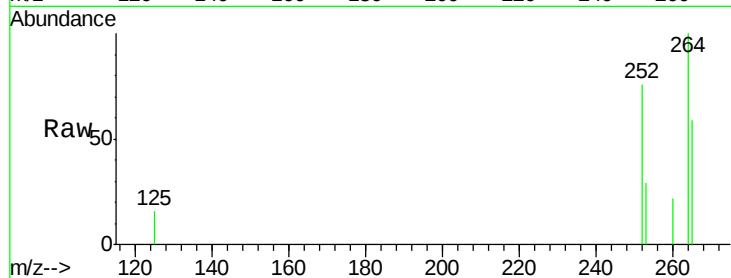
Acq: 04 Aug 2019 04:28

Instrument :

BNA_M

ClientSampleId :

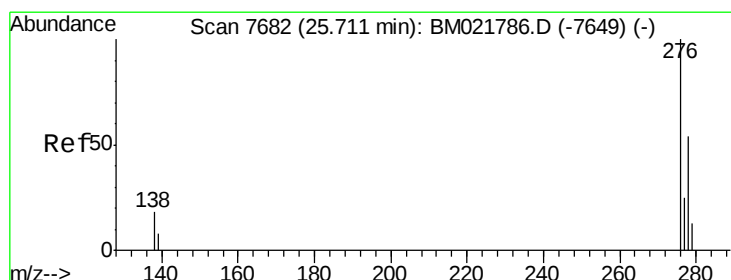
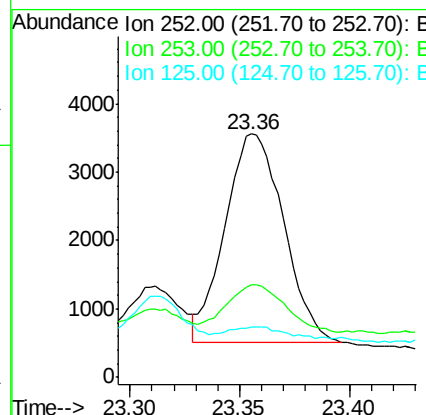
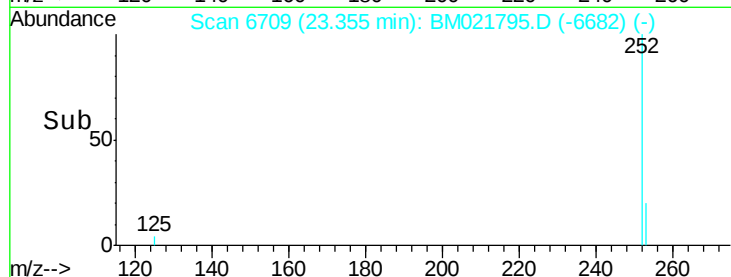
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Tgt Ion:	252	Resp:	5685
Ion Ratio	Lower	Upper	
252	100		
253	37.8	31.7	47.5
125	20.5	14.6	21.8

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#24

Indeno(1,2,3-cd)pyrene

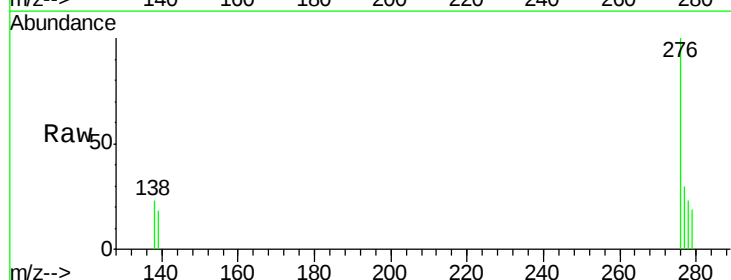
Concen: 0.173 ng/ul m

RT: 25.68 min Scan# 7669

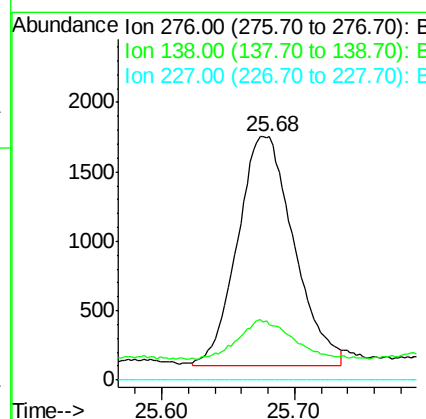
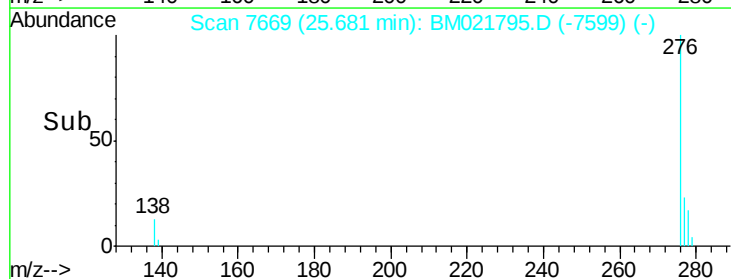
Delta R.T. -0.03 min

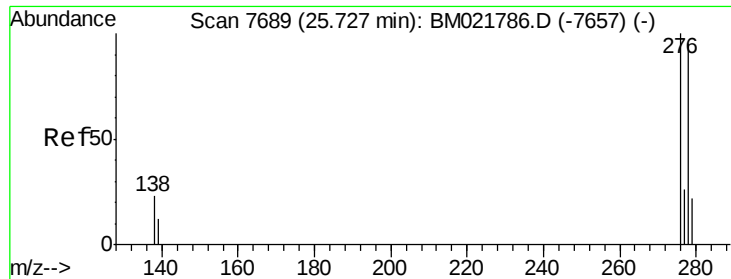
Lab File: BM021795.D

Acq: 04 Aug 2019 04:28



Tgt Ion:	276	Resp:	4872
Ion Ratio	Lower	Upper	
276	100		
138	1.0	15.1	22.7#
227	0.0	0.0	0.0





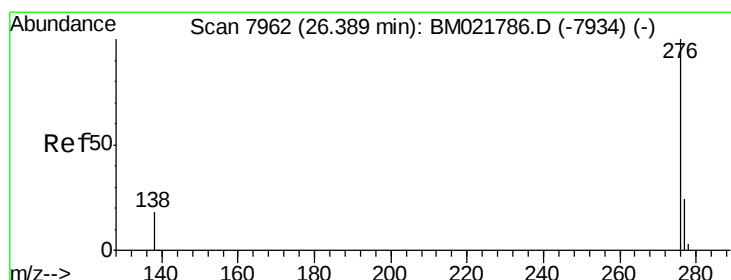
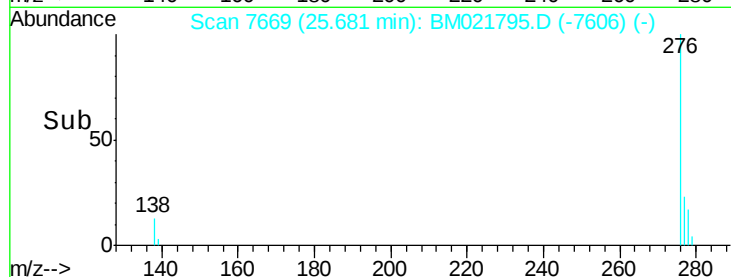
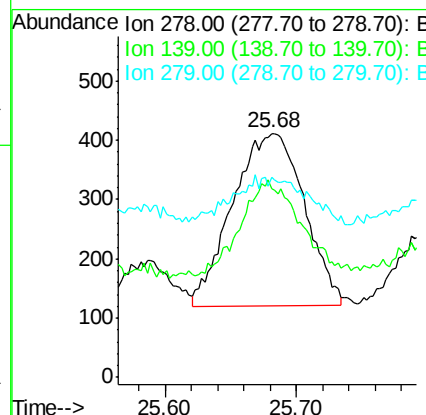
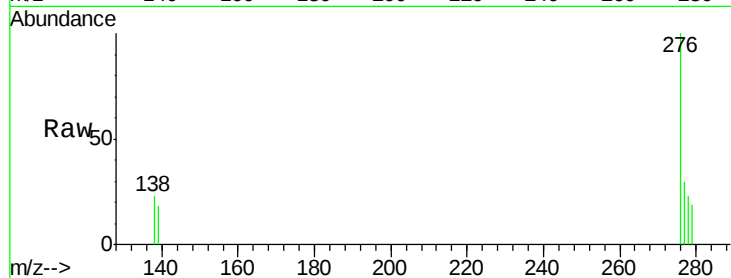
#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul m
RT: 25.68 min Scan# 7669
Delta R.T. -0.05 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Instrument :
BNA_M
ClientSampleId :
BENS7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	77.4	14.2	21.2#
279	82.0	28.3	42.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul m
RT: 26.36 min Scan# 7949
Delta R.T. -0.03 min
Lab File: BM021795.D
Acq: 04 Aug 2019 04:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.5	23.3
277	30.0	21.4	32.2

