

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022699.D
 Acq On : 17 Sep 2019 10:10
 Operator : HP/JU
 Sample : K4780-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM2

Manual Integrations
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Quant Time: Sep 17 18:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	8241	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	34133	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	21377	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	43338m	0.40	ng/ul	0.00
16) Chrysene-d12	21.38	240	40291m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	41083	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	18112	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	48983m	0.41	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.25	178	13653	0.099	ng/ul	98
13) Anthracene	17.34	178	3063m	0.026	ng/ul	
15) Fluoranthene	19.26	202	32901m	0.221	ng/ul	
17) Pyrene	19.62	202	36590m	0.200	ng/ul	
18) Benzo(a)anthracene	21.37	228	19378	0.126	ng/ul	99
19) Chrysene	21.42	228	28315	0.175	ng/ul	98
21) Benzo(b)fluoranthene	22.98	252	44571m	0.250	ng/ul	
22) Benzo(k)fluoranthene	23.02	252	14777m	0.081	ng/ul	
23) Benzo(a)pyrene	23.57	252	24827	0.159	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.97	276	16830	0.088	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.98	278	5051	0.033	ng/ul#	66
26) Benzo(g,h,i)perylene	26.68	276	16733	0.110	ng/ul	96

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

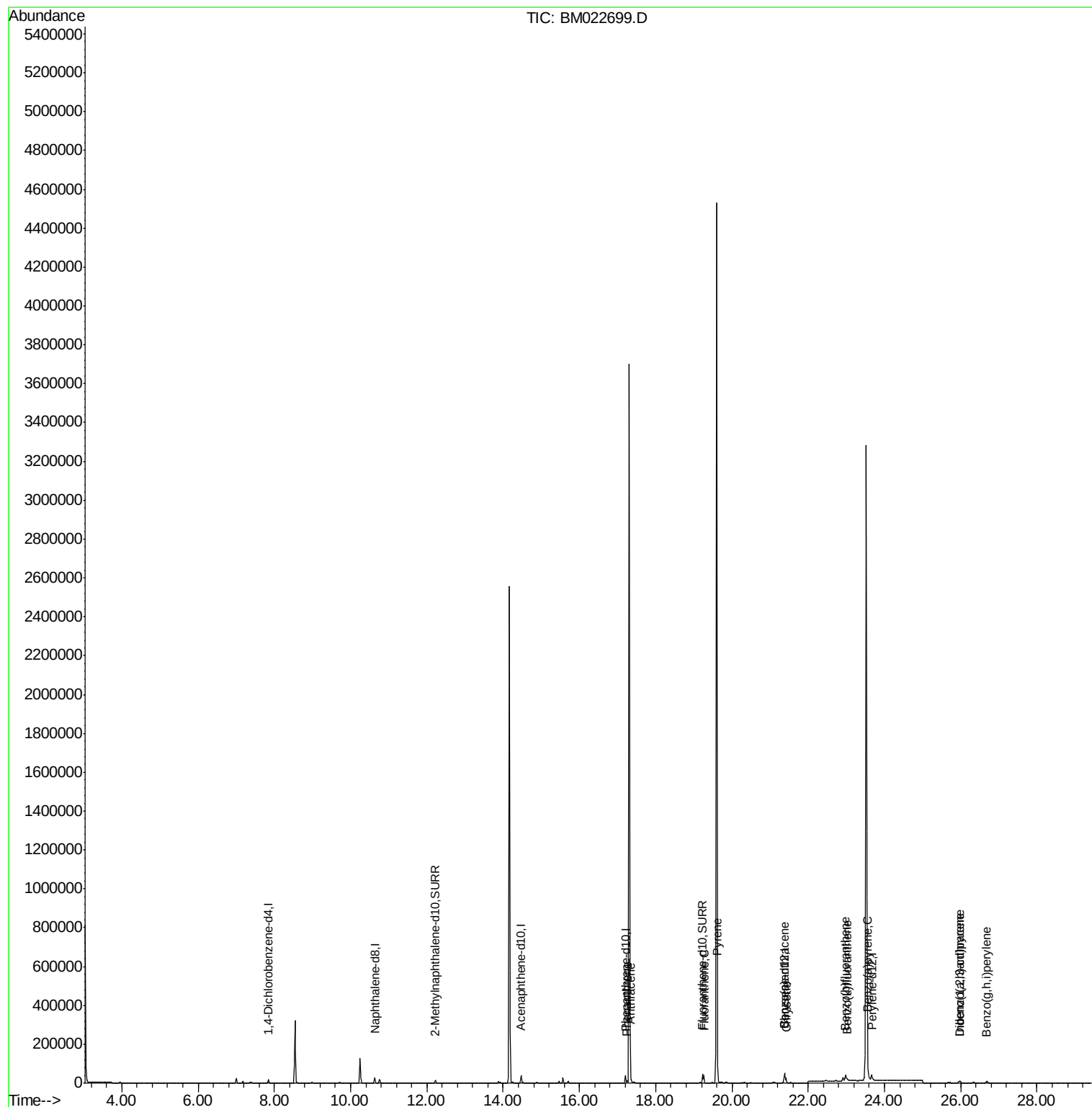
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022699.D
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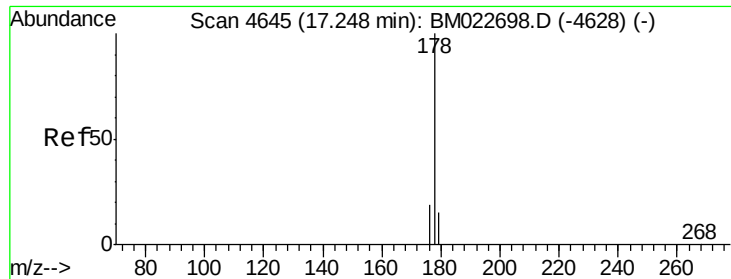
Instrument :
BNA_M
ClientSampleId :
H0BM2

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Quant Time: Sep 17 18:00:18 2019
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QLast Update : Tue Sep 10 15:06:45 2019
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#12

Phenanthrene

Concen: 0.099 ng/ul

RT: 17.25 min Scan# 4645

Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Instrument :

BNA_M

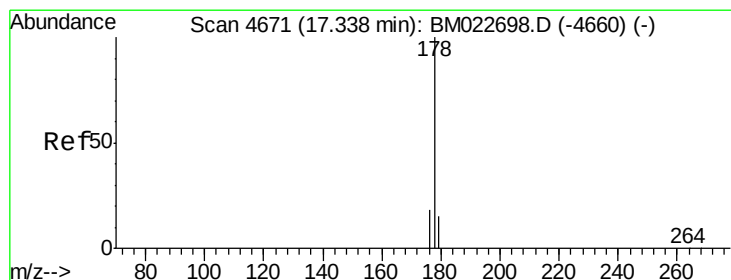
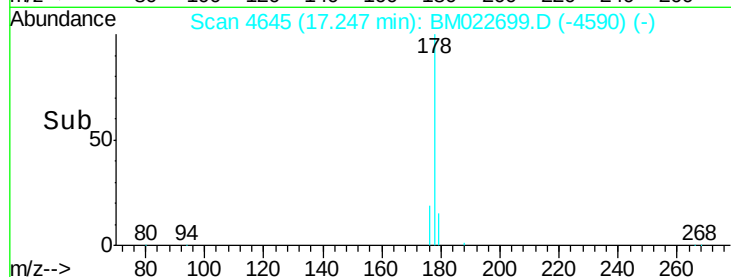
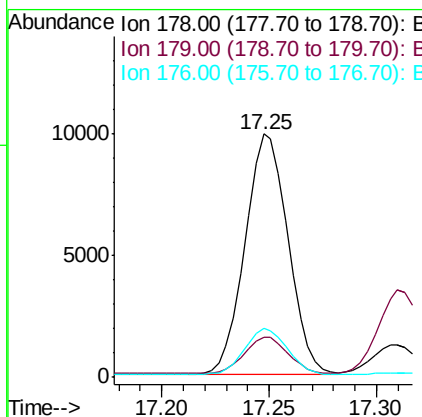
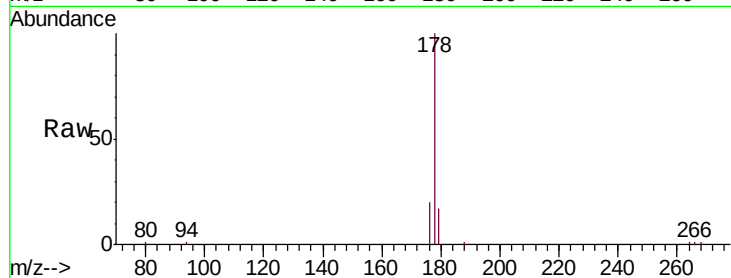
ClientSampled :

H0BM2

Tgt Ion:	178	Resp:	13653
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.4	18.6
176	19.9	15.3	22.9

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#13

Anthracene

Concen: 0.026 ng/ul m

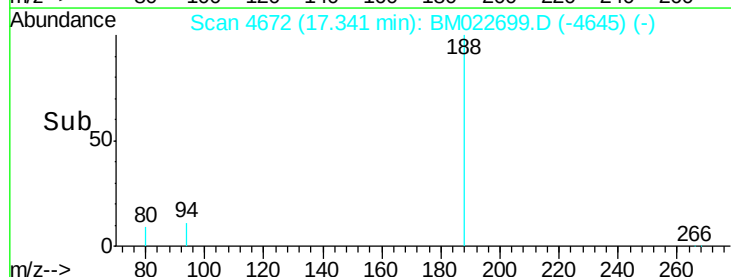
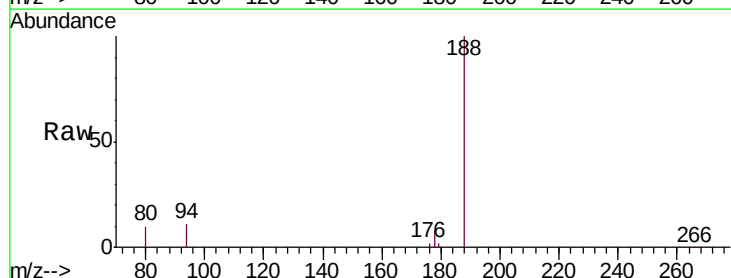
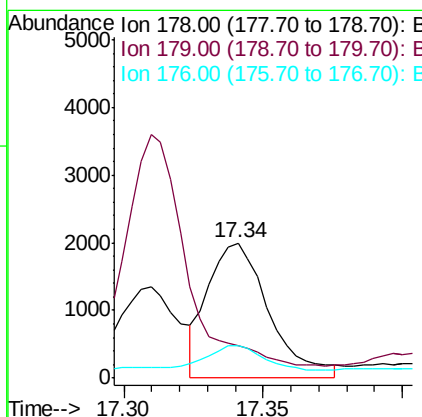
RT: 17.34 min Scan# 4672

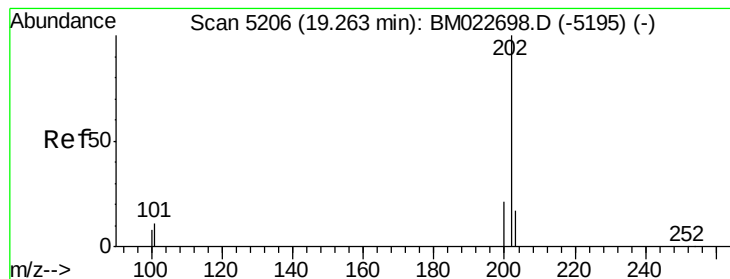
Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Tgt Ion:	178	Resp:	3063
Ion Ratio	Lower	Upper	
178	100		
179	24.4	12.5	18.7#
176	24.2	14.8	22.2#





#15

Fluoranthene

Concen: 0.221 ng/ul m

RT: 19.26 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Instrument :

BNA_M

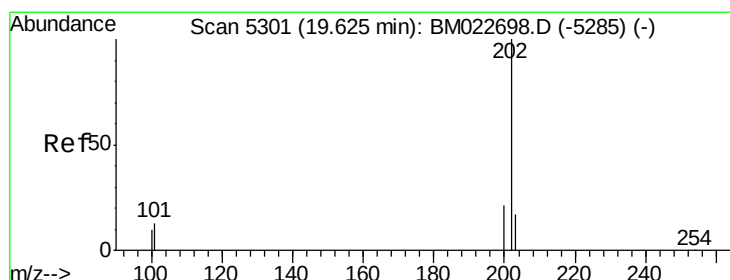
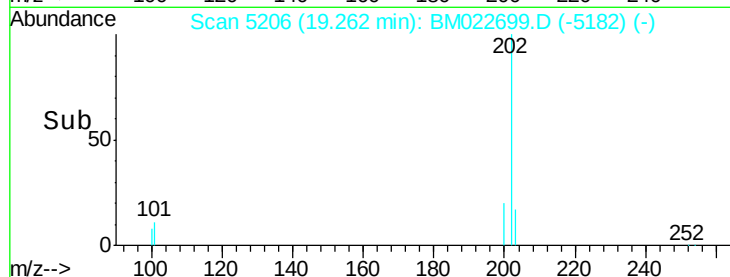
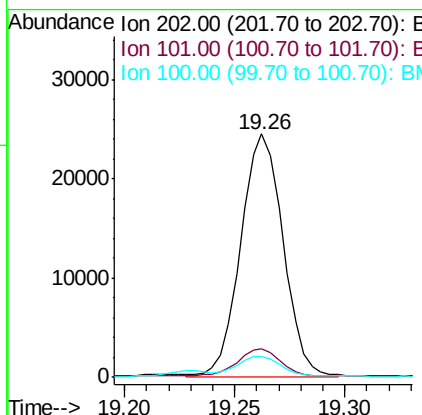
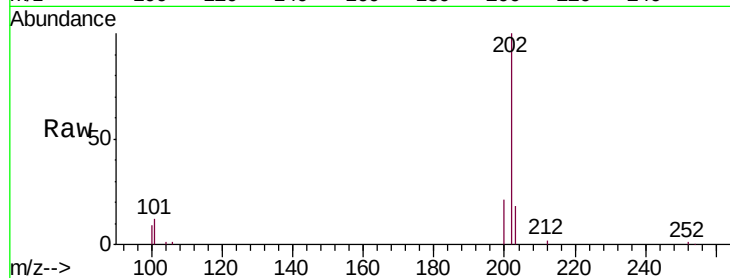
ClientSampleId :

H0BM2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32901		
101	11.6	0.0	30.5	
100	8.7	0.0	28.0	

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#17

Pyrene

Concen: 0.200 ng/ul m

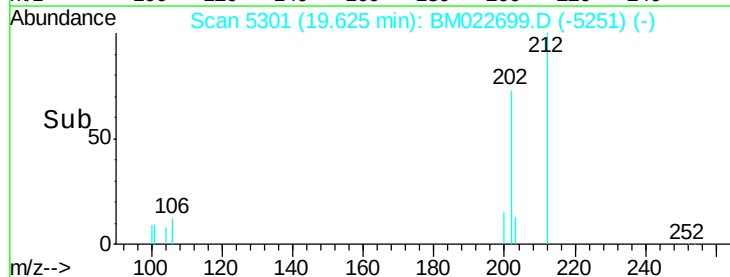
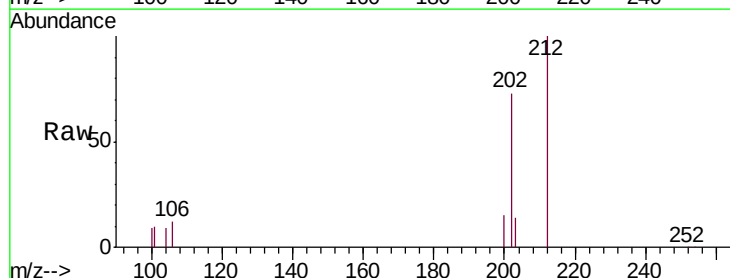
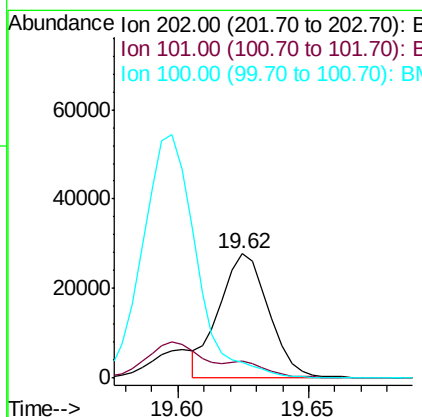
RT: 19.62 min Scan# 5301

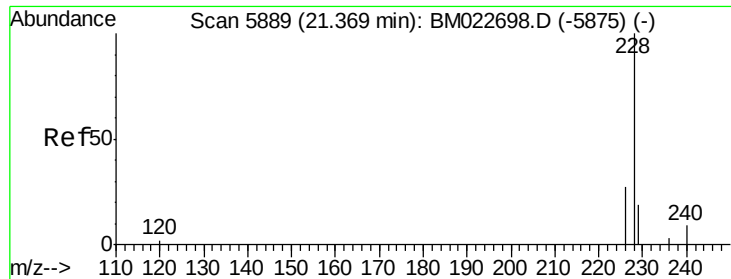
Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36590		
101	13.6	10.0	15.0	
100	12.4	8.1	12.1#	





#18

Benzo(a)anthracene

Concen: 0.126 ng/ul

RT: 21.37 min Scan# 5889

Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Instrument :

BNA_M

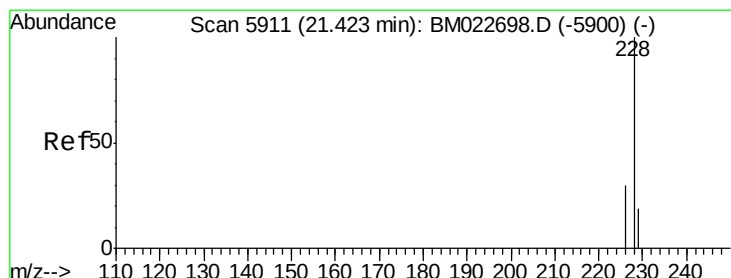
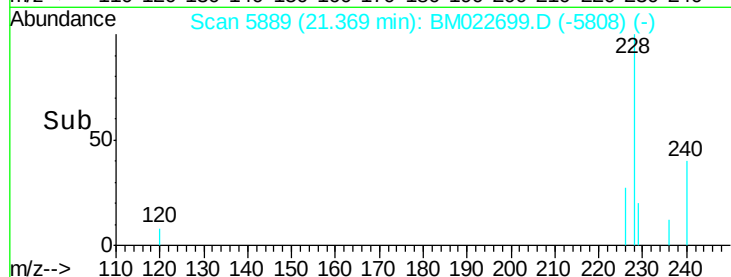
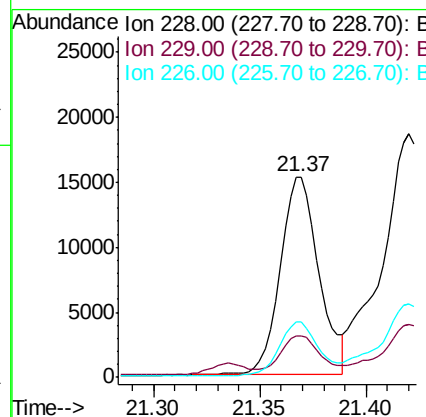
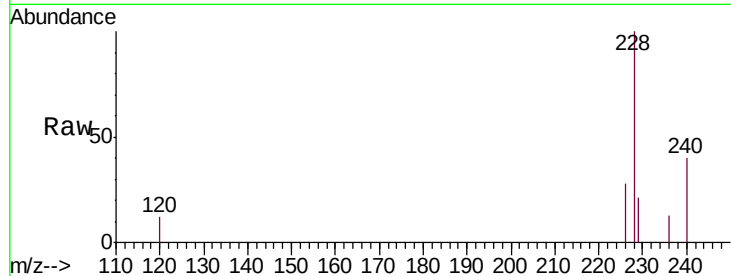
ClientSampleId :

H0BM2

Tgt Ion:	228	Resp:	19378
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	27.7	22.0	33.0

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#19

Chrysene

Concen: 0.175 ng/ul

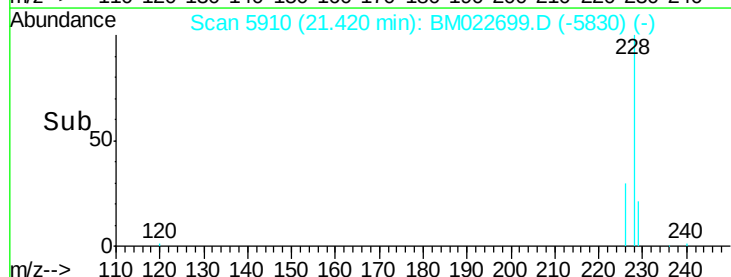
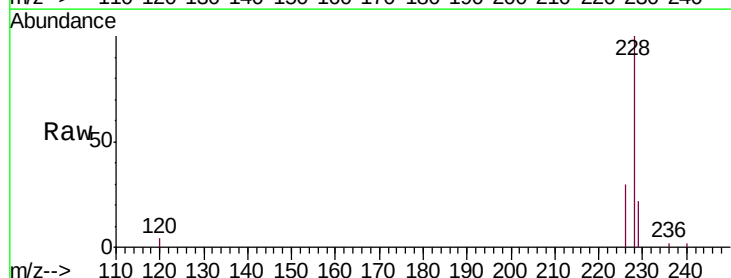
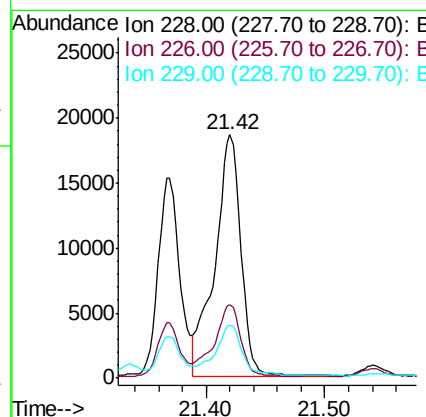
RT: 21.42 min Scan# 5910

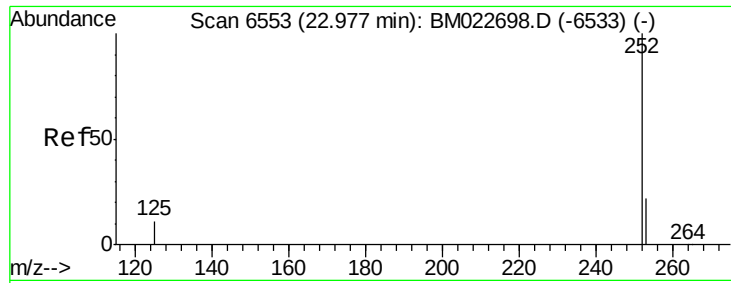
Delta R.T. -0.01 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Tgt Ion:	228	Resp:	28315
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	21.6	15.5	23.3





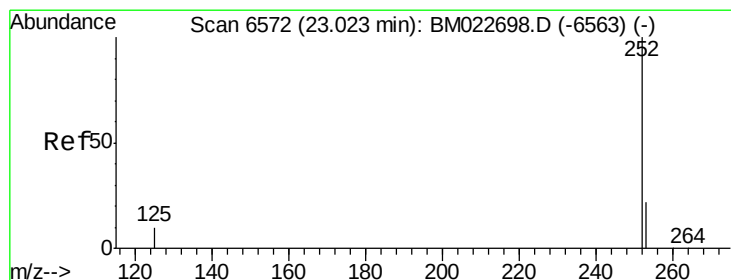
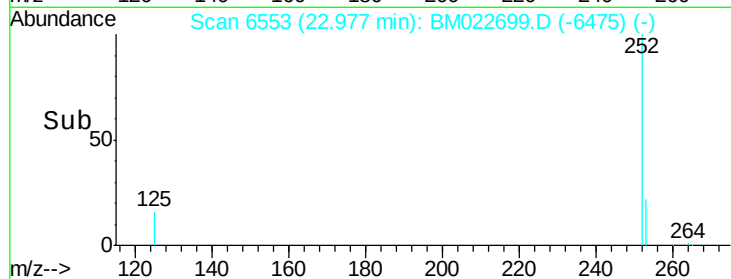
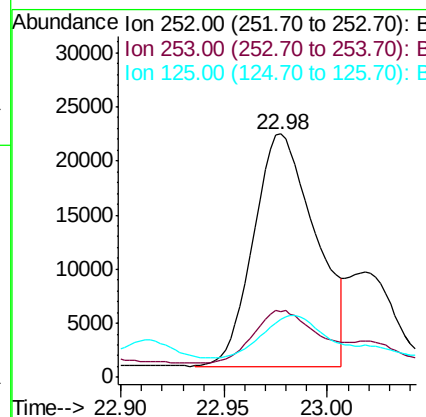
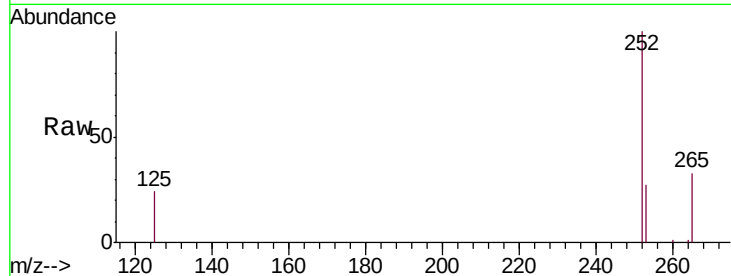
#21
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 22.98 min Scan# 6553
Delta R.T. -0.01 min
Lab File: BM022699.D
Acq: 17 Sep 2019 10:10

Instrument :
BNA_M
ClientSampleId :
H0BM2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44571		
253	27.2	0.0	48.4	
125	23.8	0.0	31.2	

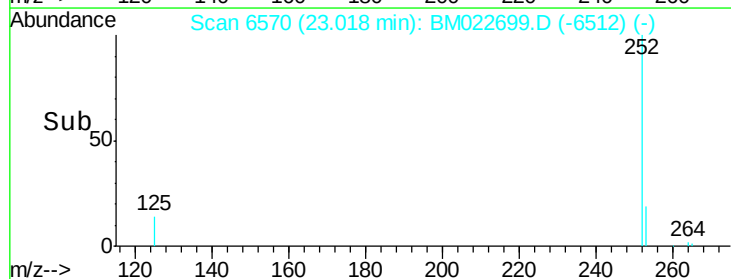
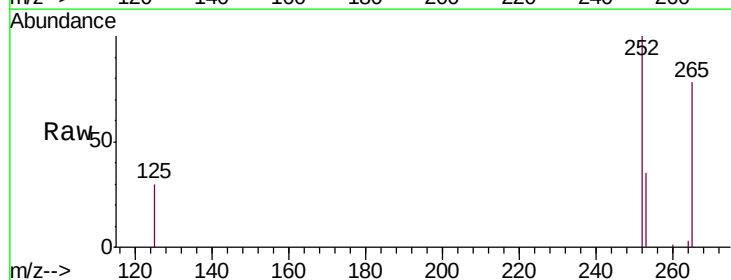
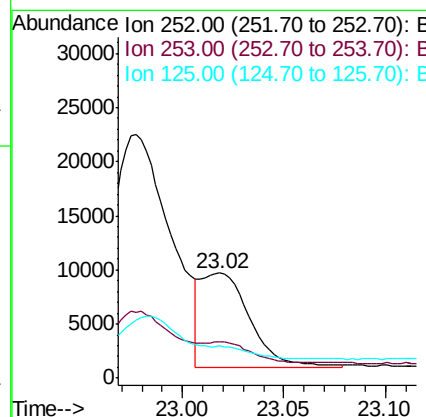
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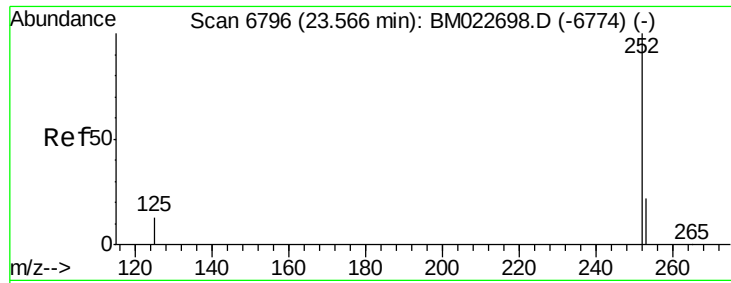
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#22
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.02 min Scan# 6570
Delta R.T. -0.01 min
Lab File: BM022699.D
Acq: 17 Sep 2019 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	14777		
253	34.9	19.5	29.3#	
125	30.4	11.2	16.8#	





#23

Benzo(a)pyrene

Concen: 0.159 ng/ul

RT: 23.57 min Scan# 6796

Delta R.T. -0.01 min

Lab File: BM022699.D

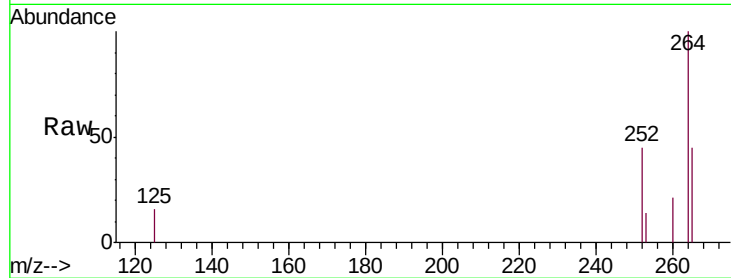
Acq: 17 Sep 2019 10:10

Instrument :

BNA_M

ClientSampleId :

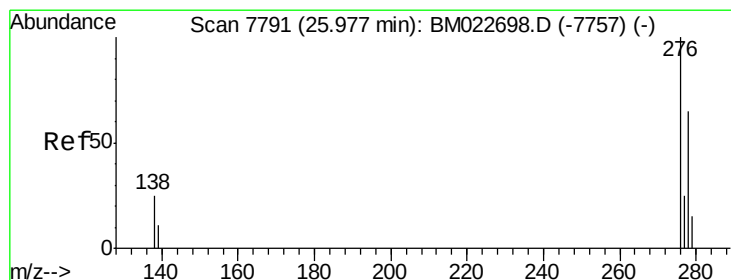
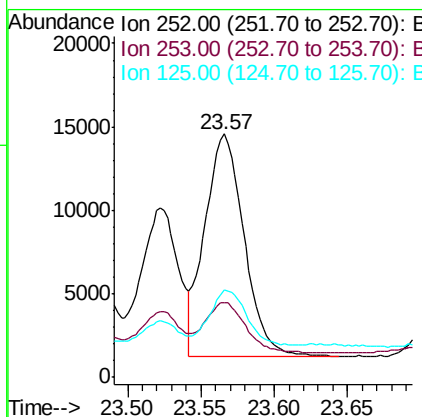
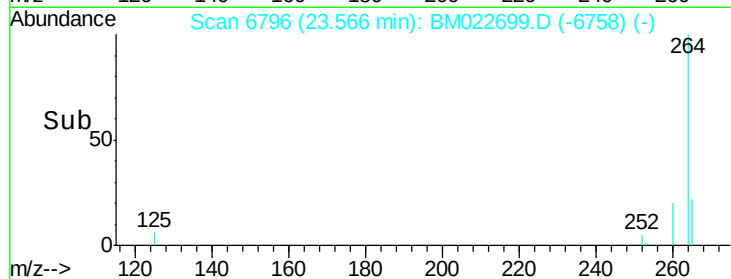
H0BM2



Tgt Ion:	252	Resp:	24827
Ion Ratio	Lower	Upper	
252	100		
253	30.7	20.2	30.2#
125	35.8	15.7	23.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.088 ng/ul

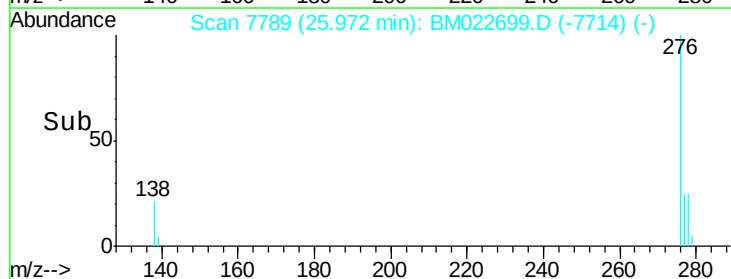
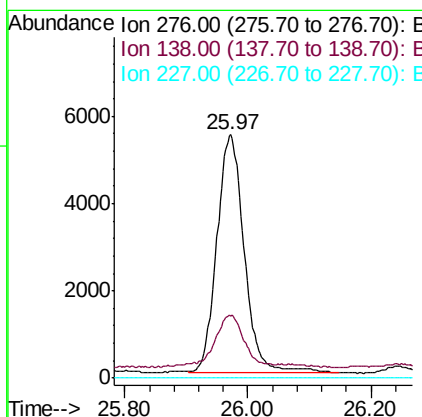
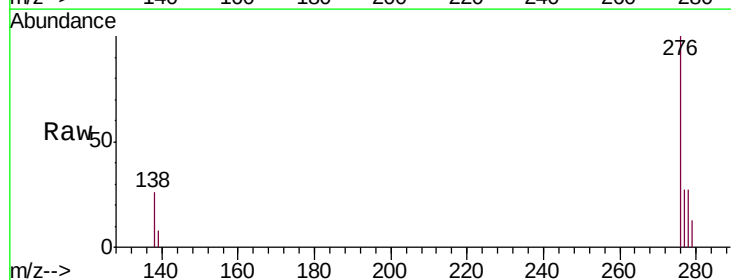
RT: 25.97 min Scan# 7789

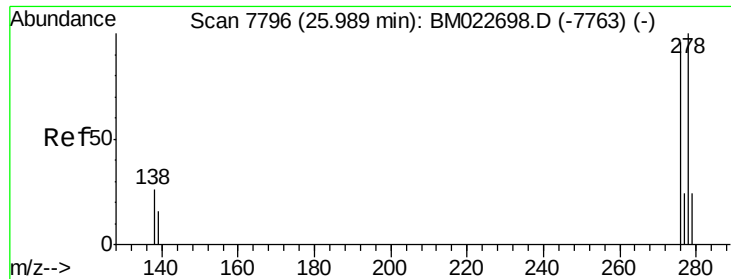
Delta R.T. -0.02 min

Lab File: BM022699.D

Acq: 17 Sep 2019 10:10

Tgt Ion:	276	Resp:	16830
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.1	31.7
227	0.0	0.0	0.0





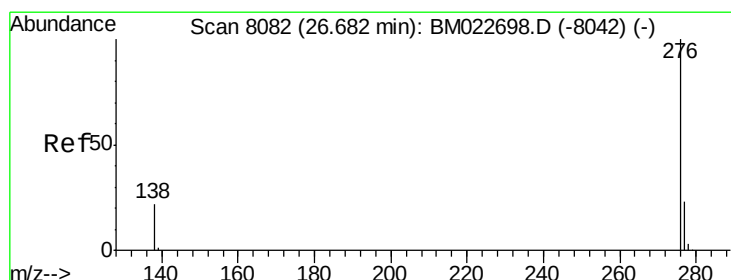
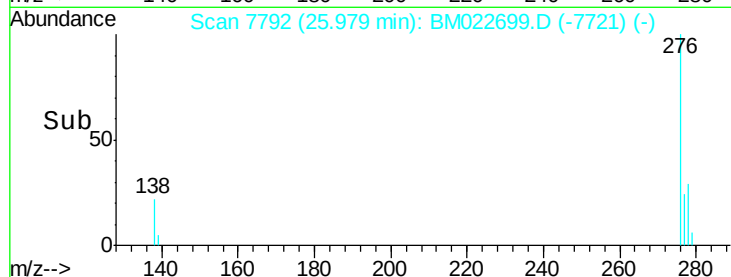
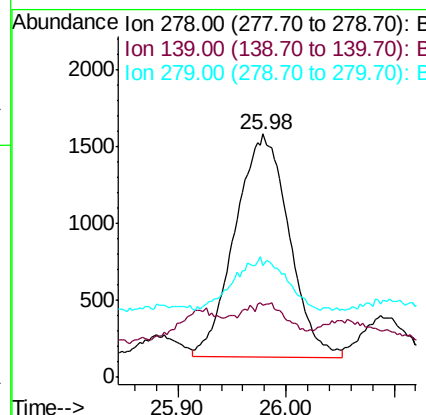
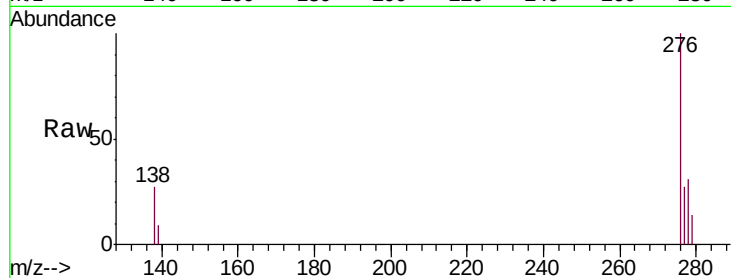
#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.98 min Scan# 7792
Delta R.T. -0.03 min
Lab File: BM022699.D
Acq: 17 Sep 2019 10:10

Instrument :
BNA_M
ClientSampleId :
H0BM2

Tgt Ion:	278	Resp:	5051
Ion Ratio	Lower	Upper	
278	100		
139	29.4	13.8	20.6#
279	46.1	21.3	31.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.68 min Scan# 8082
Delta R.T. -0.01 min
Lab File: BM022699.D
Acq: 17 Sep 2019 10:10

Tgt Ion:	276	Resp:	16733
Ion Ratio	Lower	Upper	
276	100		
138	24.7	18.2	27.4
277	25.9	19.2	28.8

