

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
 Data File : BN003791.D
 Acq On : 10 Dec 2018 22:59
 Operator : JU/SJ
 Sample : J6077-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y01

Manual Integrations
 APPROVED

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 12/11/2018 6:12:22 PM

Quant Time: Dec 11 04:46:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 11 04:22:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	6152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24686	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	28674m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	24096m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	19001m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10169	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	22600m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.25	178	74814m	0.795	ng/ul	99
13) Anthracene	17.34	178	6337m	0.082	ng/ul	
15) Fluoranthene	19.27	202	231847m	2.086	ng/ul	
17) Pyrene	19.63	202	194286	2.248	ng/ul	
18) Benzo(a)anthracene	21.37	228	70505m	0.926	ng/ul	
19) Chrysene	21.43	228	97887m	1.124	ng/ul	
21) Benzo(b)fluoranthene	23.00	252	118788m	1.511	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	44233m	0.578	ng/ul	
23) Benzo(a)pyrene	23.60	252	57618m	0.847	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.04	276	49413m	0.633	ng/ul	
25) Dibenzo(a,h)anthracene	26.05	278	10670m	0.170	ng/ul	
26) Benzo(g,h,i)perylene	26.77	276	43380m	0.639	ng/ul	

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

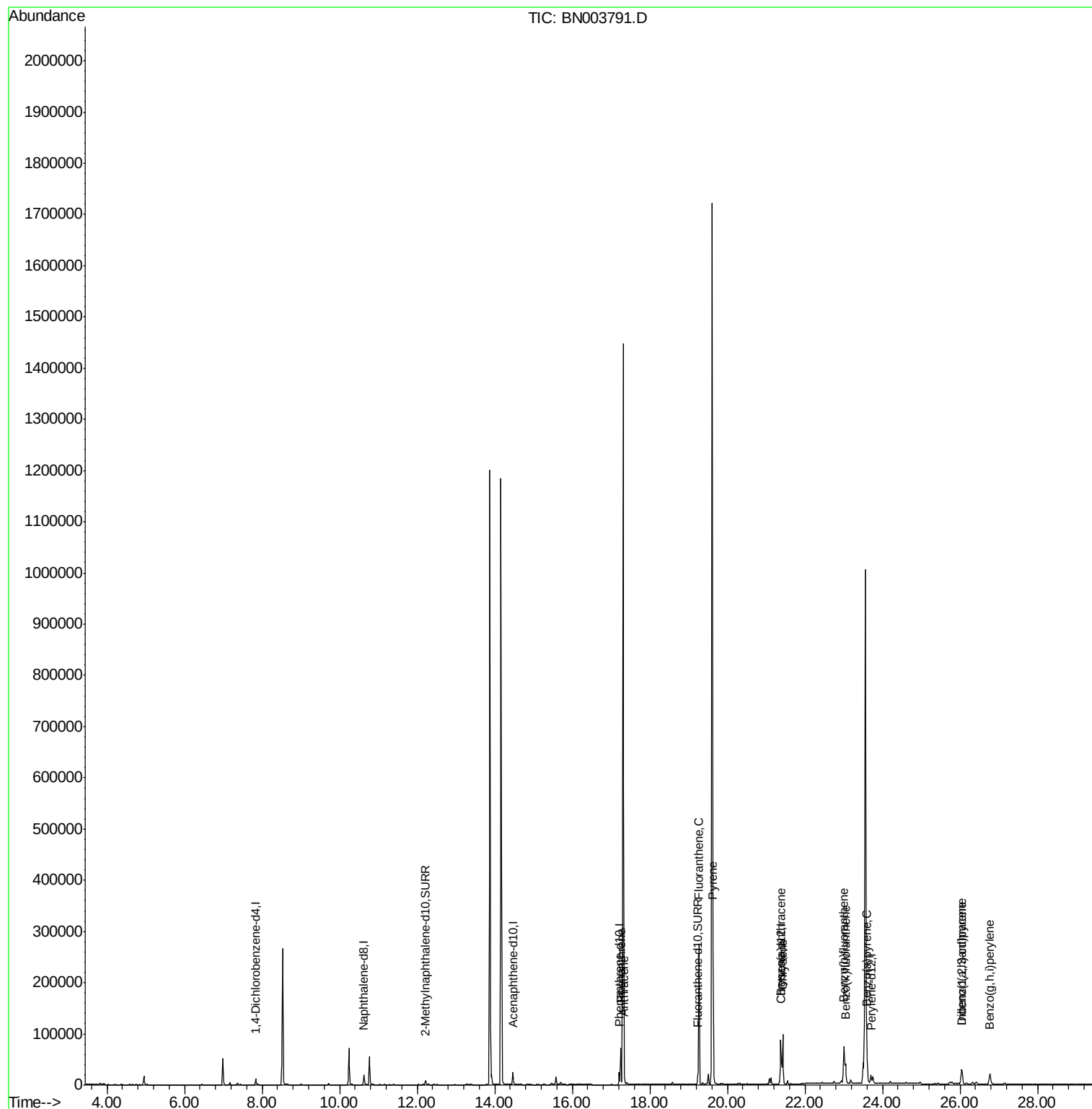
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121018\
Data File : BN003791.D
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Operator : JU/SJ
Sample : J6077-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

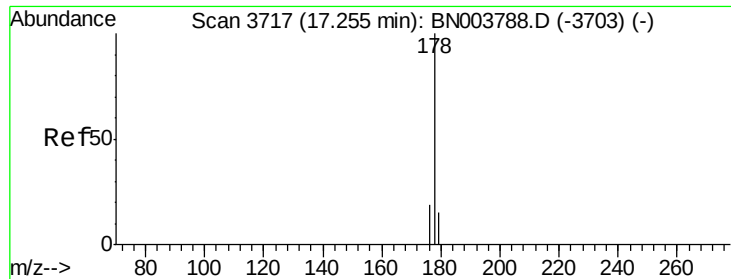
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QLast Update : Tue Dec 11 04:22:54 2018
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#12

Phenanthrene

Concen: 0.795 ng/ul m

RT: 17.25 min Scan# 3716

Delta R.T. -0.00 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

ClientSampleId :

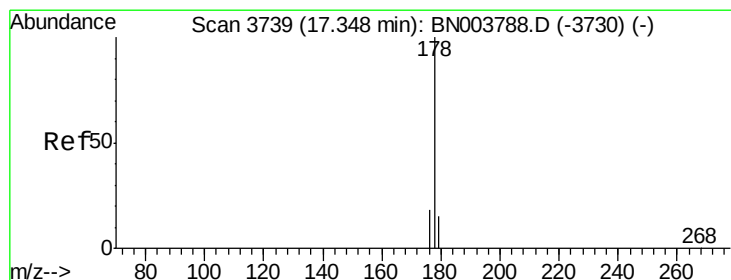
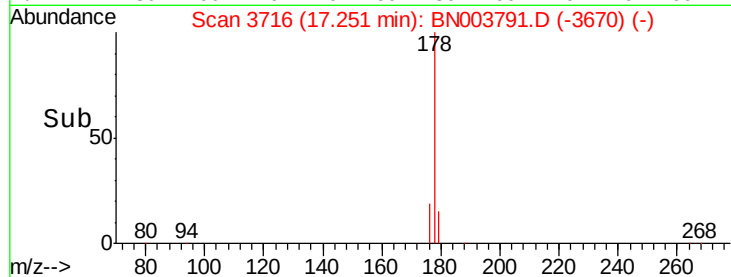
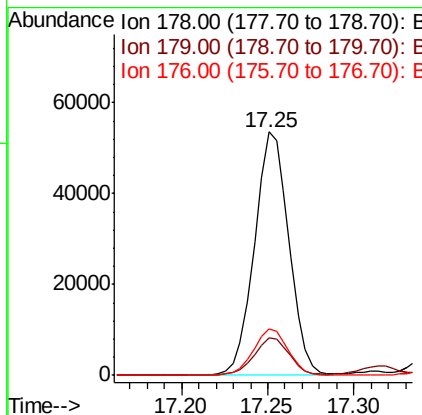
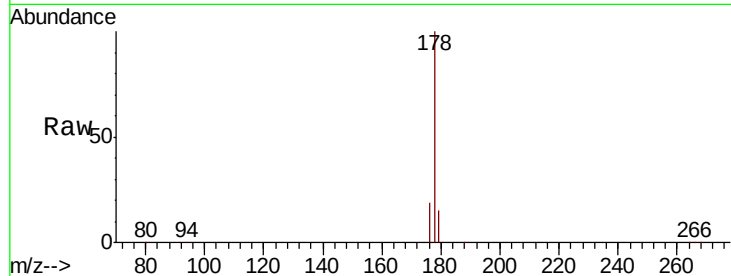
F9Y01

Tot Ion:178 Resp: 74814

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.1	15.0	22.4

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#13

Anthracene

Concen: 0.082 ng/ul m

RT: 17.34 min Scan# 3738

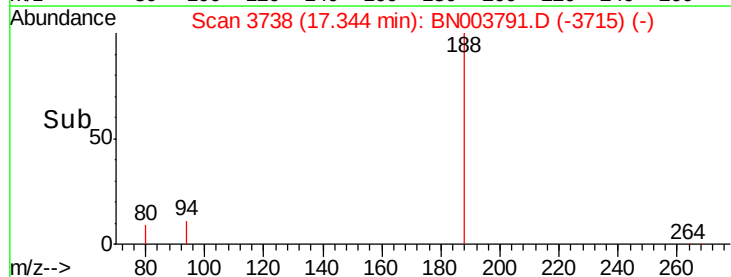
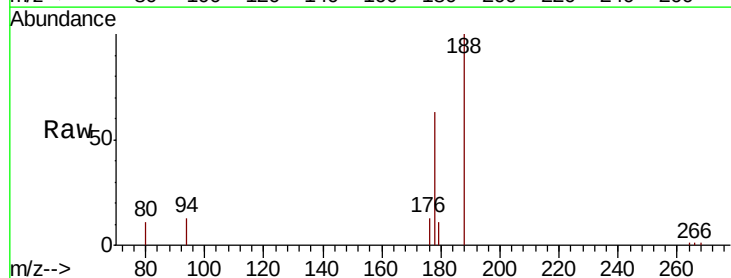
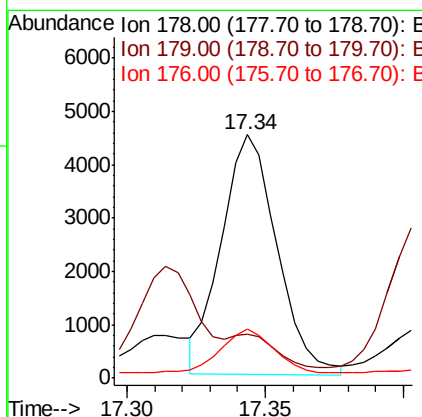
Delta R.T. -0.00 min

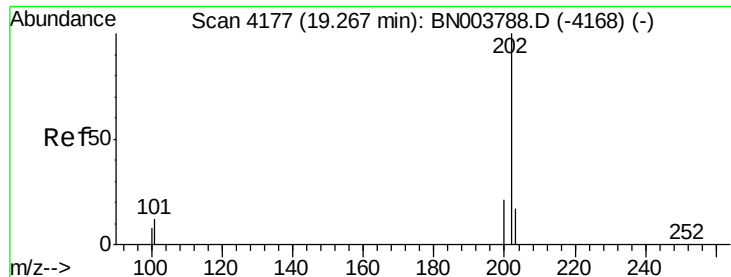
Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Tgt Ion:178 Resp: 6337

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.3	18.5
176	20.1	14.8	22.2





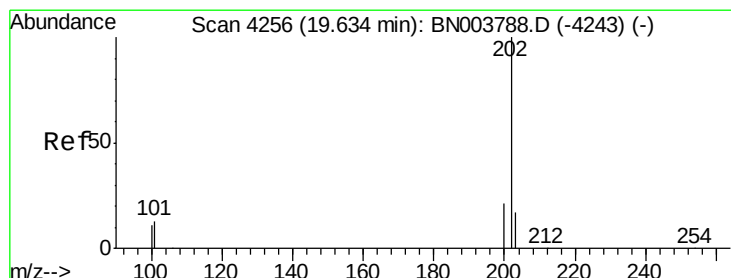
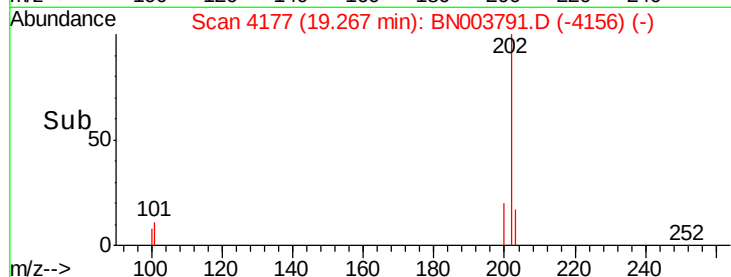
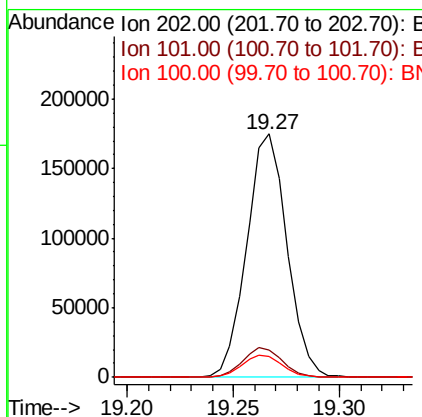
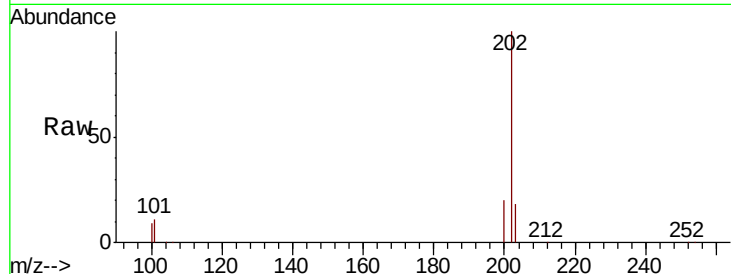
#15
Fluoranthene
 Concen: 2.086 ng/ul m
 RT: 19.27 min Scan# 4177
 Delta R.T. -0.00 min
 Lab File: BN003791.D
 Acq: 10 Dec 2018 22:59

Instrument :
 BNA_N
 ClientSampleId :
 F9Y01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	30.7
100	8.5	0.0	28.1

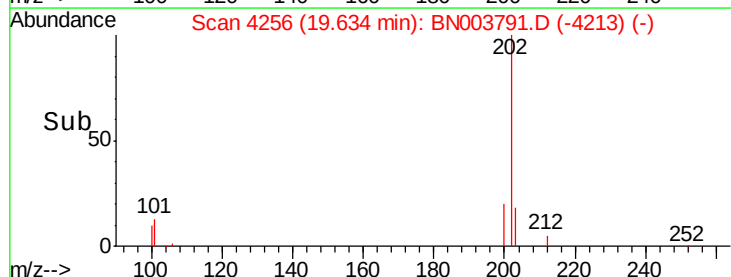
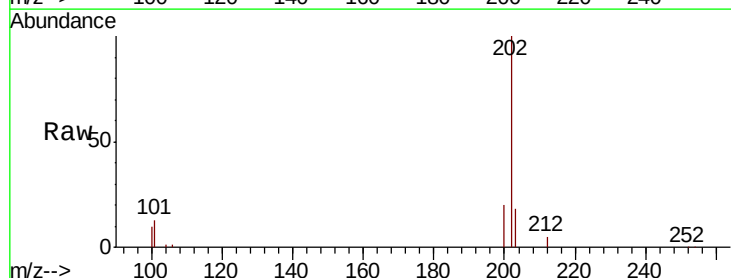
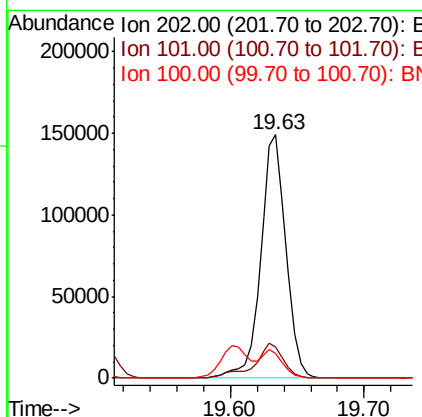
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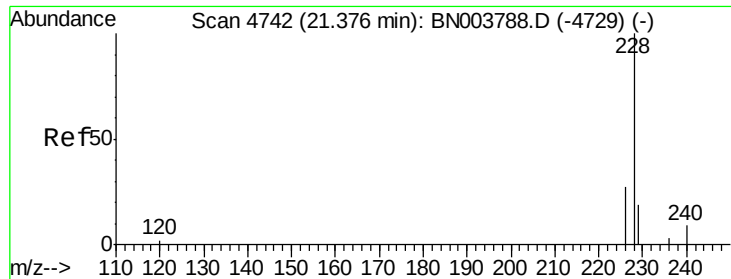
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#17
Pyrene
 Concen: 2.248 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003791.D
 Acq: 10 Dec 2018 22:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	10.3	15.5
100	10.1	8.5	12.7





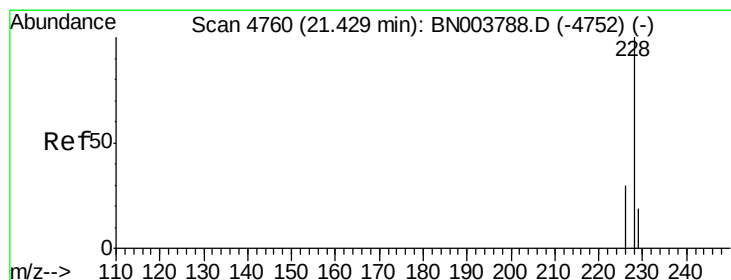
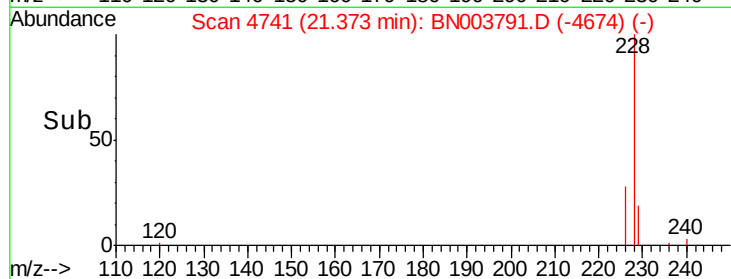
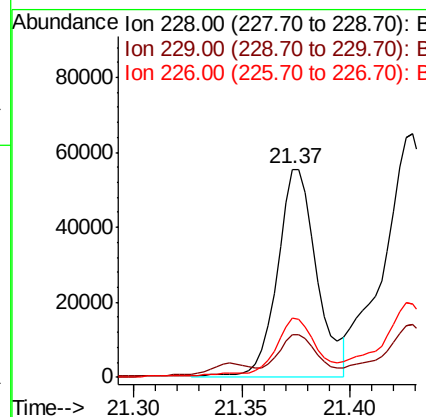
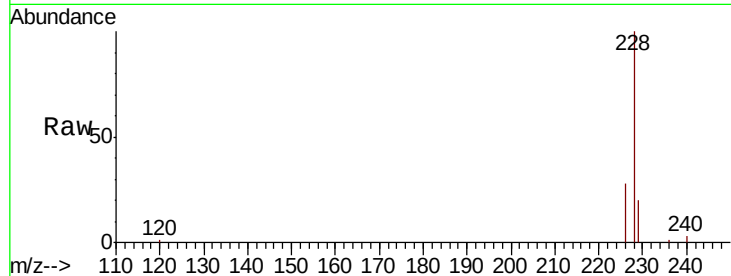
#18
Benzo(a)anthracene
Concen: 0.926 ng/ul m
RT: 21.37 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN003791.D
Acq: 10 Dec 2018 22:59

Instrument :
BNA_N
ClientSampleId :
F9Y01

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	28.3	21.1	31.7

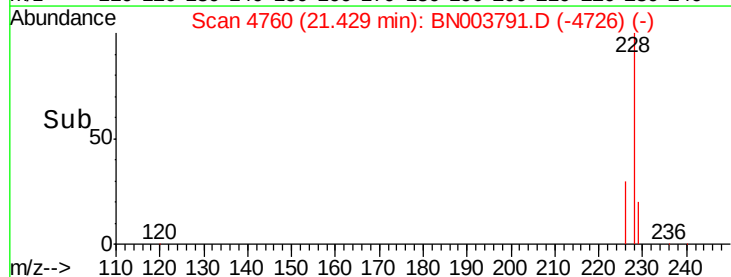
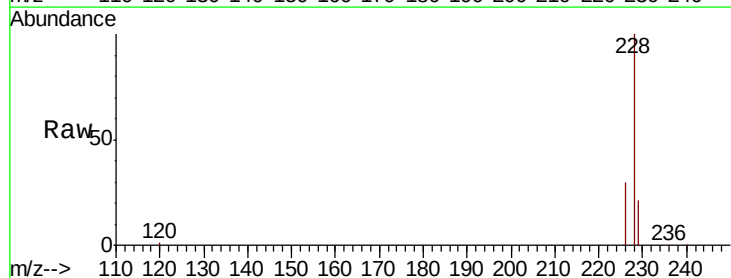
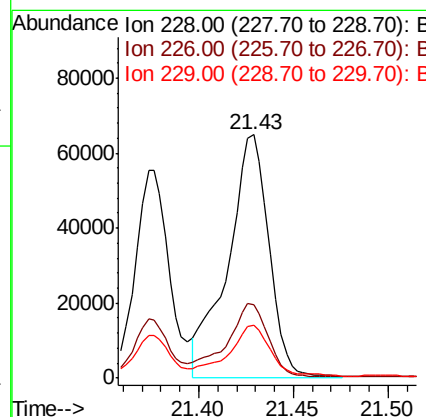
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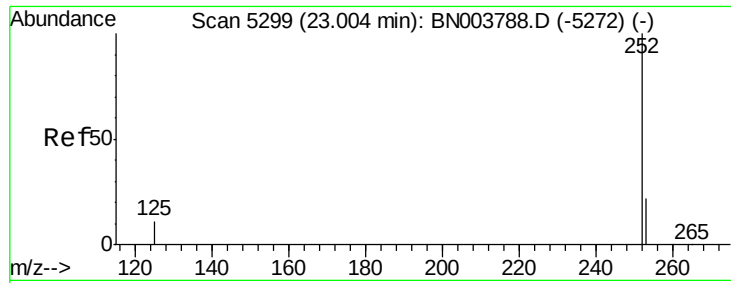
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#19
Chrysene
Concen: 1.124 ng/ul m
RT: 21.43 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN003791.D
Acq: 10 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.5	15.7	23.5





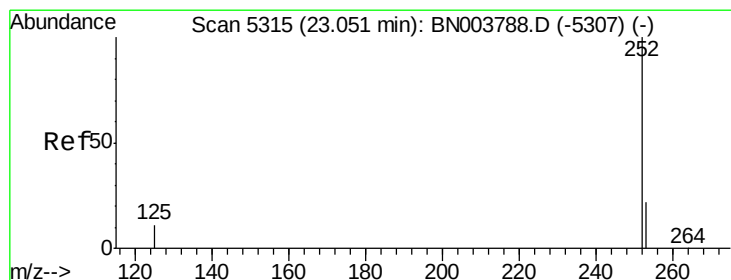
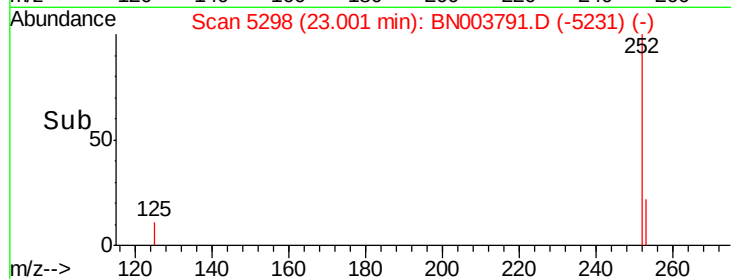
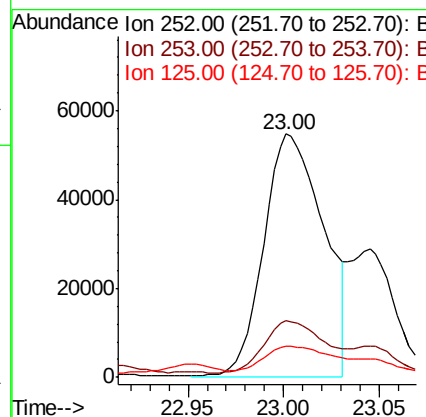
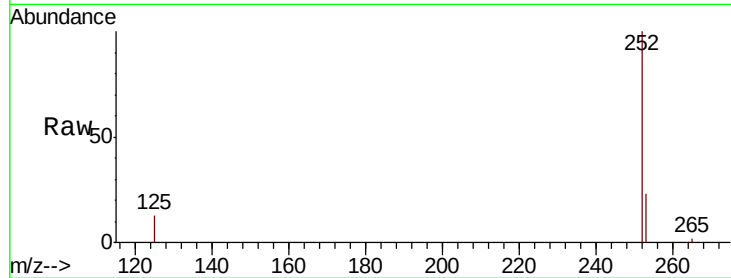
#21
Benzo(b)fluoranthene
Concen: 1.511 ng/ul m
RT: 23.00 min Scan# 5298
Delta R.T. -0.00 min
Lab File: BN003791.D
Acq: 10 Dec 2018 22:59

Instrument :
BNA_N
ClientSampleId :
F9Y01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	0.0	46.0
125	12.9	0.0	22.4

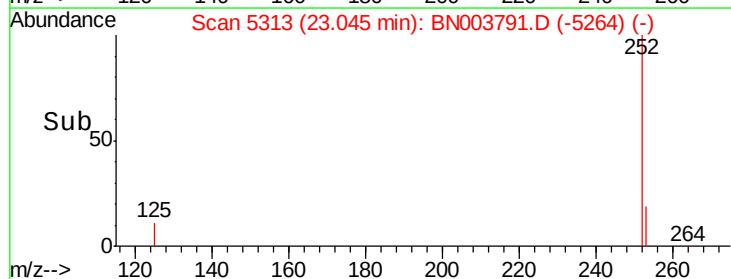
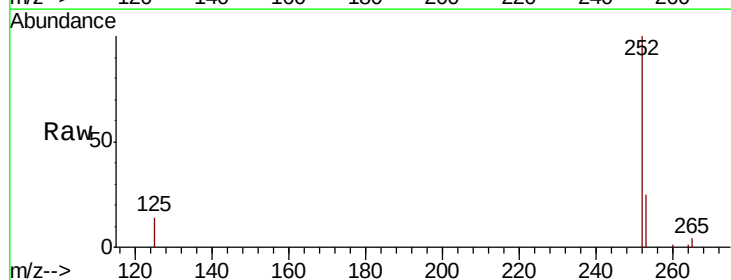
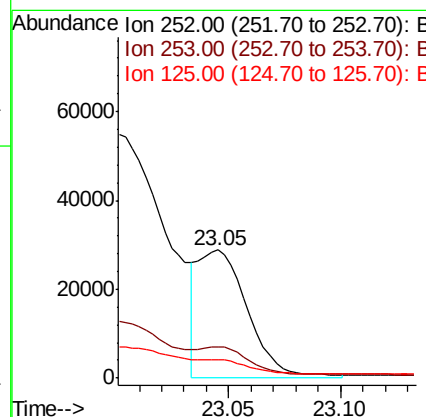
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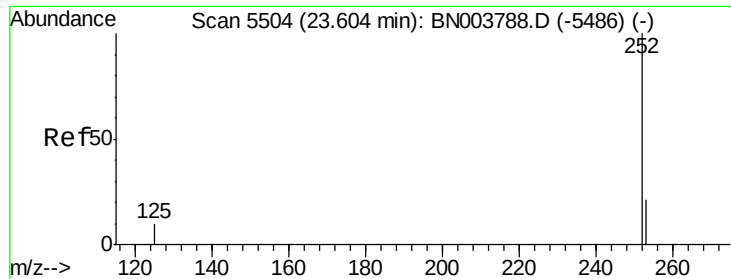
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#22
Benzo(k)fluoranthene
Concen: 0.578 ng/ul m
RT: 23.05 min Scan# 5313
Delta R.T. -0.01 min
Lab File: BN003791.D
Acq: 10 Dec 2018 22:59

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	18.5	27.7
125	14.5	9.0	13.6#





#23

Benzo(a)pyrene

Concen: 0.847 ng/ul m

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

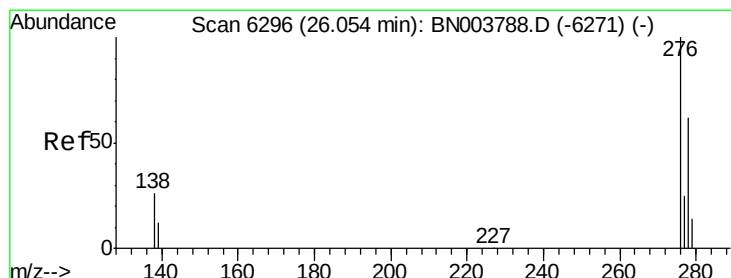
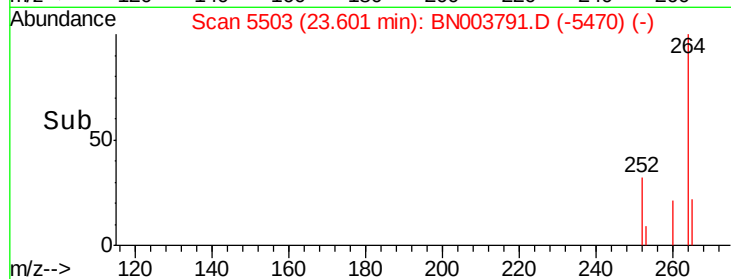
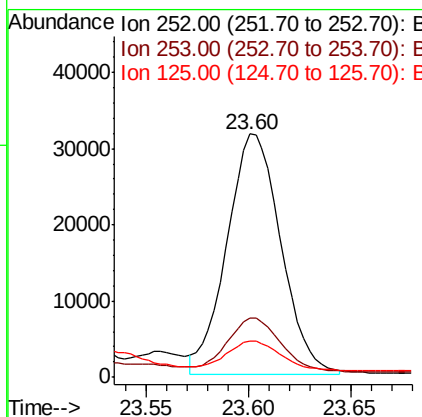
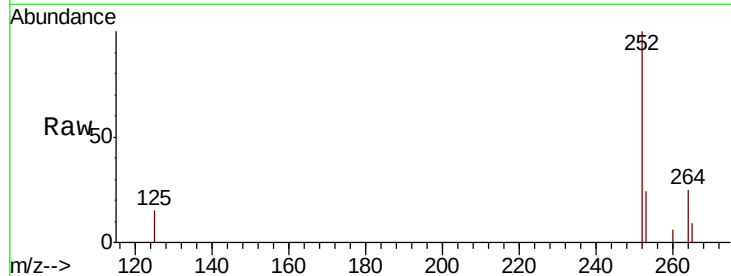
ClientSampleId :

F9Y01

Tot Ion:	252	Resp:	57618
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.0	28.4
125	14.8	10.2	15.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.633 ng/ul m

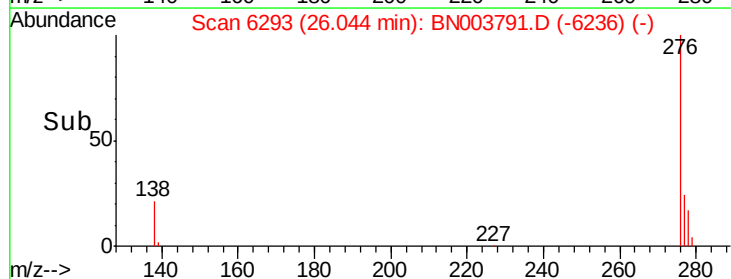
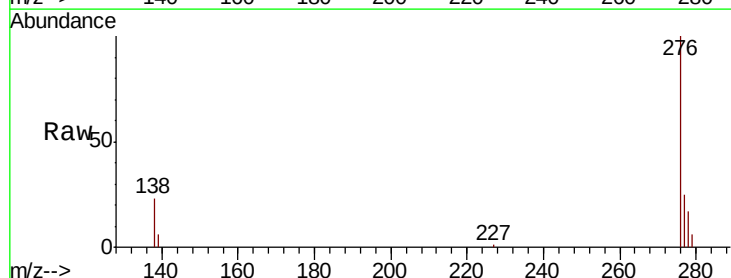
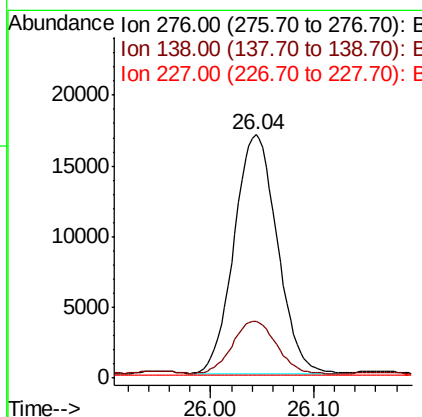
RT: 26.04 min Scan# 6293

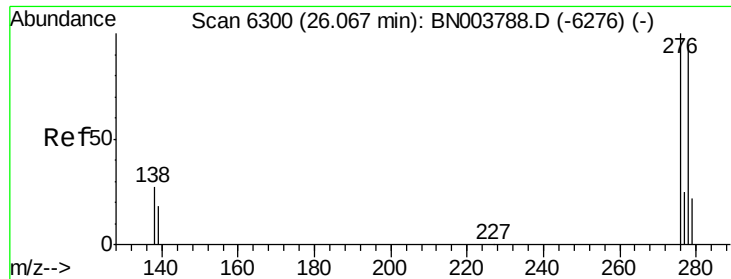
Delta R.T. -0.01 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Tgt Ion:	276	Resp:	49413
Ion Ratio	Lower	Upper	
276	100		
138	1.7	20.3	30.5#
227	0.0	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.170 ng/ul m

RT: 26.05 min Scan# 6295

Delta R.T. -0.02 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

ClientSampleId :

F9Y01

Tot Ion:278 Resp: 10670

Ion Ratio Lower Upper

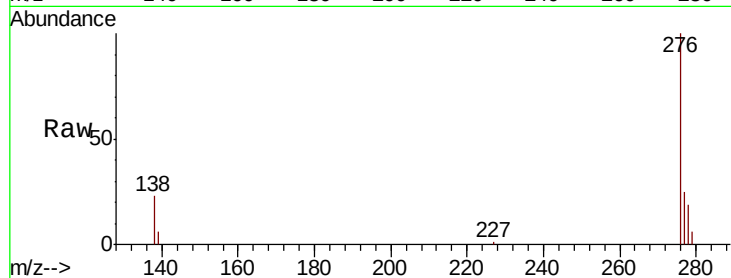
278 100

139 30.7 14.2 21.4#

279 31.0 19.8 29.6#

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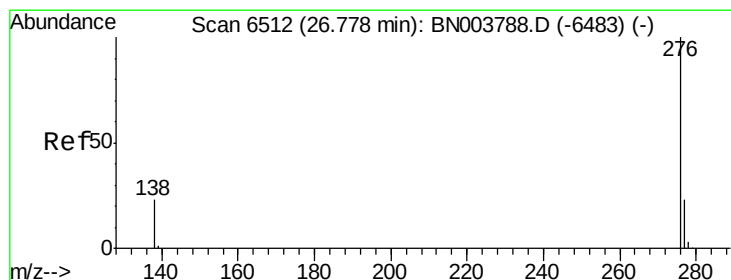
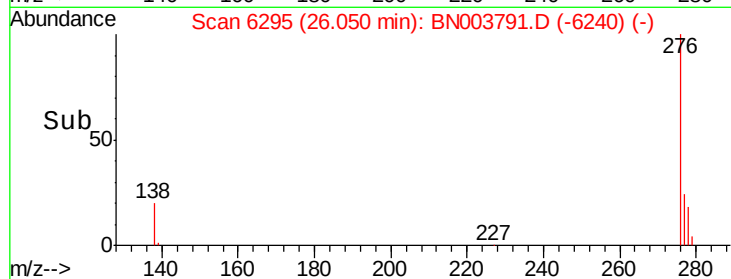
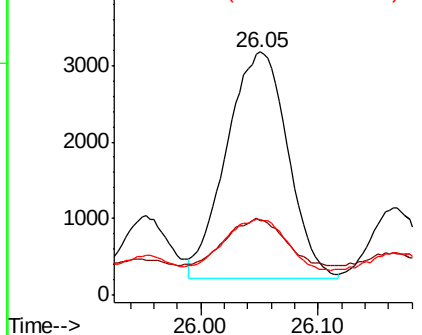
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.639 ng/ul m

RT: 26.77 min Scan# 6509

Delta R.T. -0.01 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Tgt Ion:276 Resp: 43380

Ion Ratio Lower Upper

276 100

138 24.4 17.7 26.5

277 25.0 19.3 28.9

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

