

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004046.D
 Acq On : 17 Dec 2018 21:21
 Operator : JU/SJ
 Sample : J6236-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E22

Manual Integrations
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Quant Time: Dec 18 06:02:16 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 18 04:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1503	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4842	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12634m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14068m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13089m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2396	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8269m	0.22	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	66378	3.044	ng/ul	100
8) Acenaphthene	14.53	153	709	0.037	ng/ul#	90
9) Fluorene	15.52	166	1223	0.055	ng/ul#	96
12) Phenanthrene	17.26	178	15039m	0.363	ng/ul	
13) Anthracene	17.35	178	66946m	1.965	ng/ul	
15) Fluoranthene	19.28	202	275159m	5.619	ng/ul	
17) Pyrene	19.64	202	309576	6.136	ng/ul	95
18) Benzo(a)anthracene	21.39	228	224215m	5.046	ng/ul	
19) Chrysene	21.44	228	209586m	4.122	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	395041m	7.296	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	120077m	2.276	ng/ul	
23) Benzo(a)pyrene	23.63	252	169746m	3.620	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	164462m	3.059	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	38390m	0.887	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	132903	2.844	ng/ul	99

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

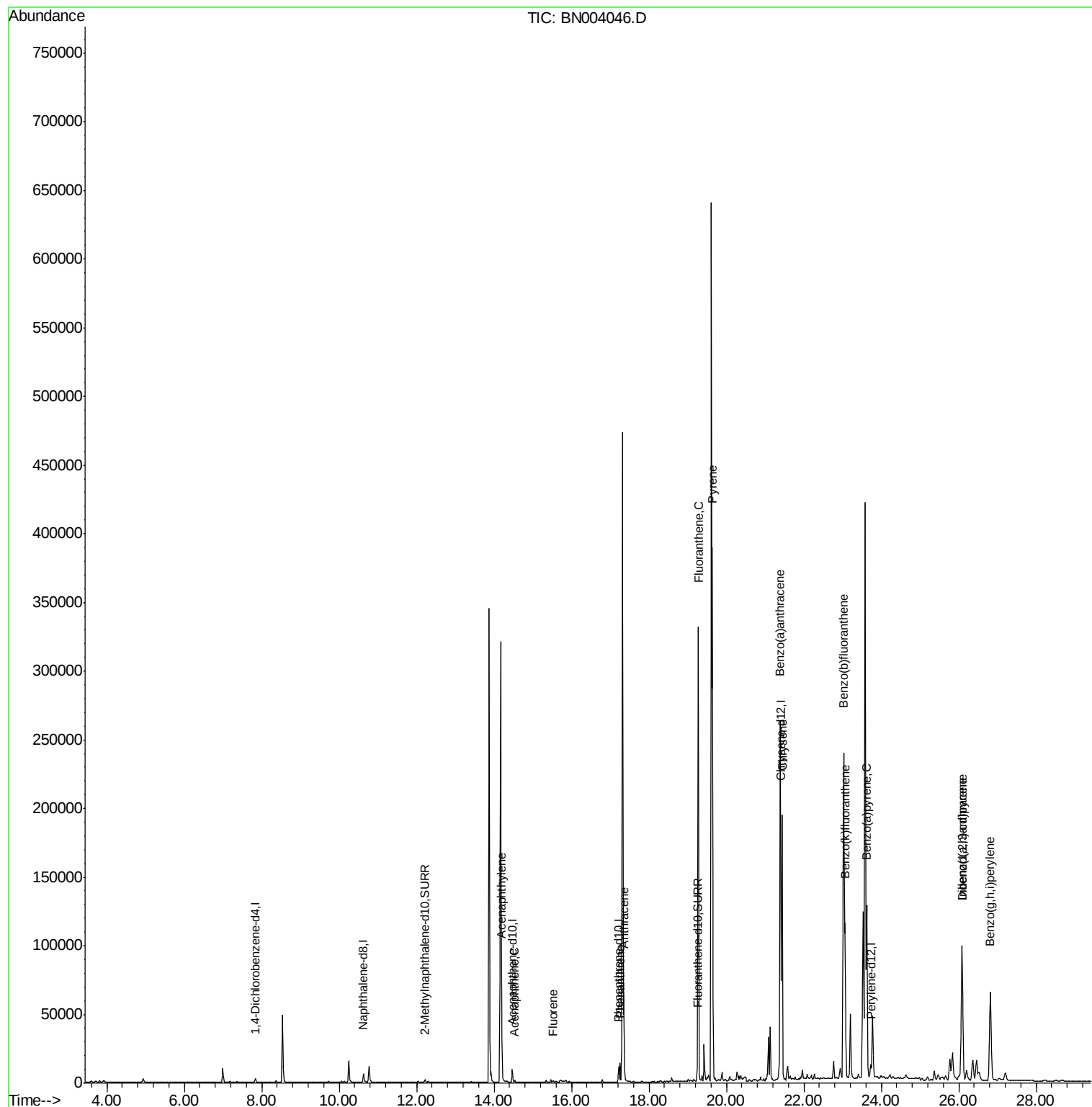
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004046.D
Acq On : 17 Dec 2018 21:21
Operator : JU/SJ
Sample : J6236-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

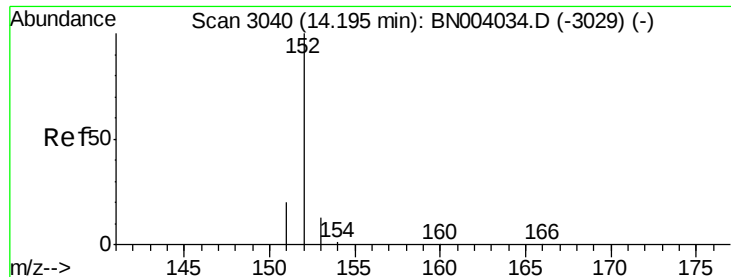
Instrument :
BNA_N
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F9E22

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Quant Time: Dec 18 06:02:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 3.044 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

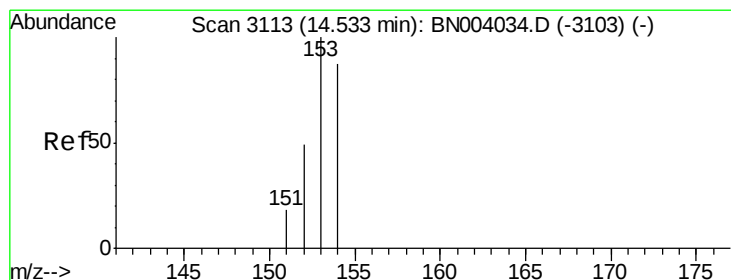
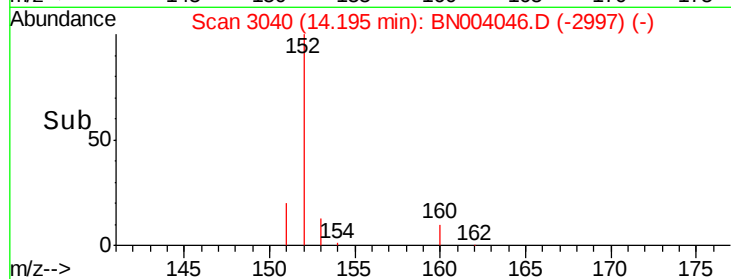
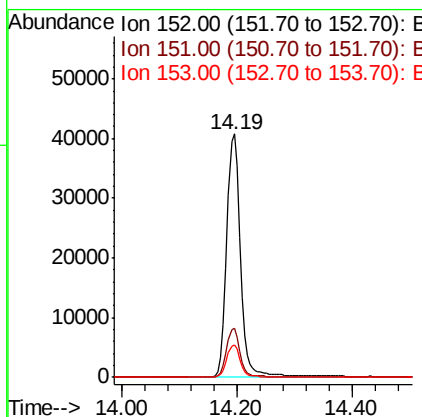
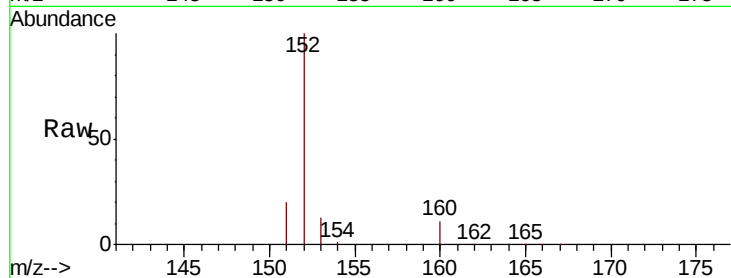
ClientSampleId :

F9E22

Tgt Ion:	152	Resp:	66378
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.2	10.7	16.1

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#8

Acenaphthene

Concen: 0.037 ng/ul

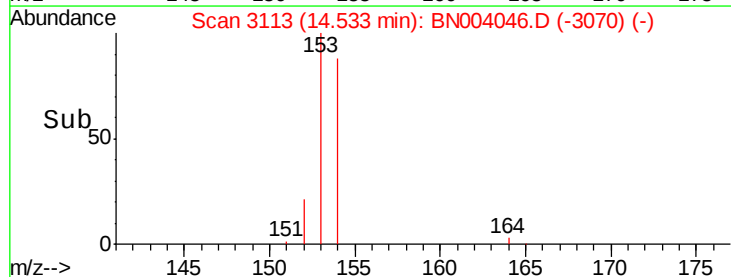
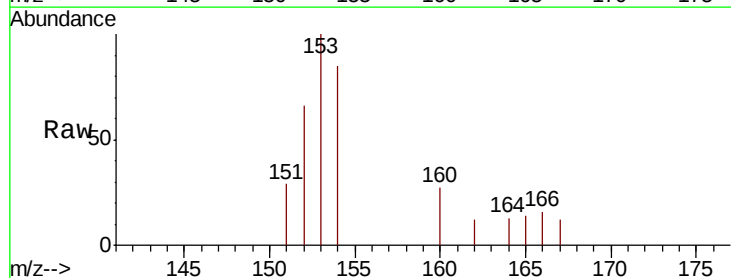
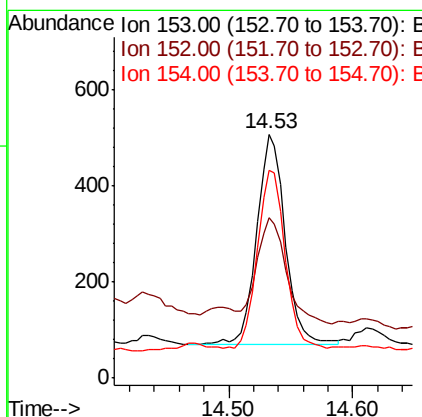
RT: 14.53 min Scan# 3113

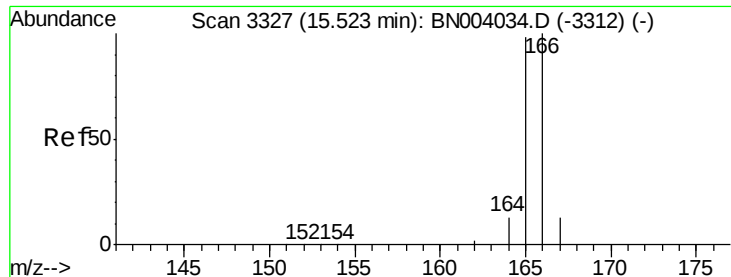
Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Tgt Ion:	153	Resp:	709
Ion Ratio	Lower	Upper	
153	100		
152	65.6	39.3	58.9#
154	85.4	70.3	105.5





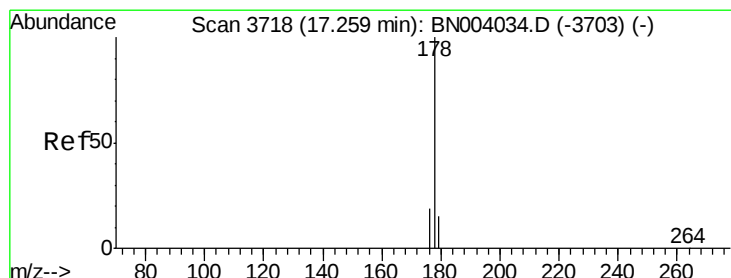
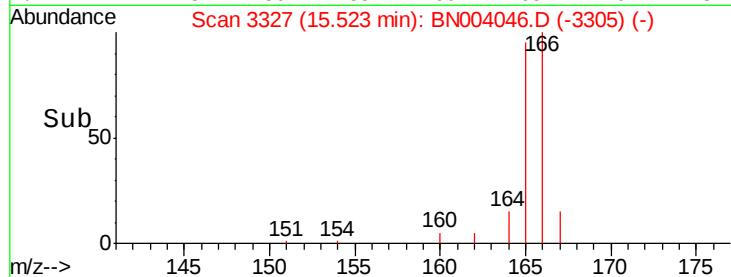
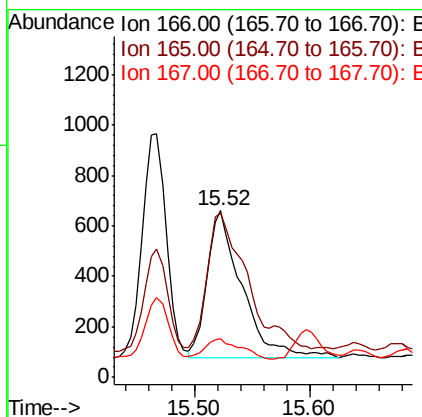
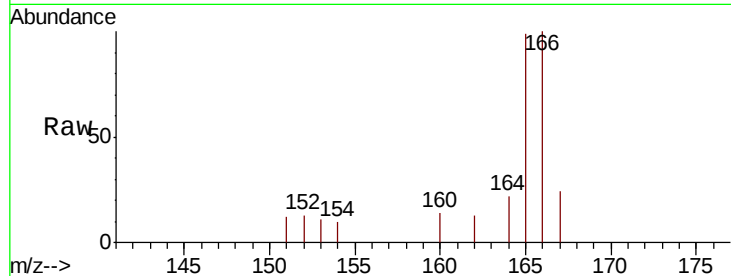
#9
Fluorene
 Concen: 0.055 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_N
 ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	23.5	11.3	16.9#

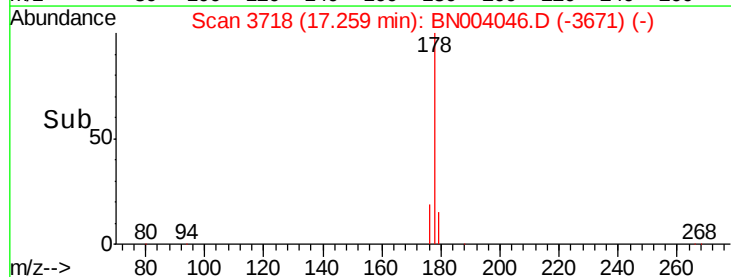
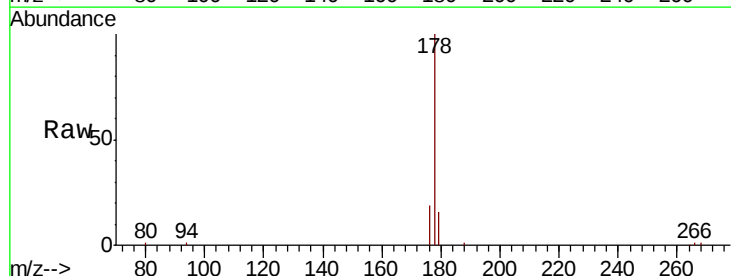
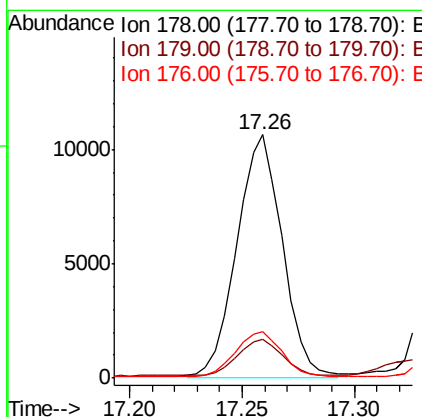
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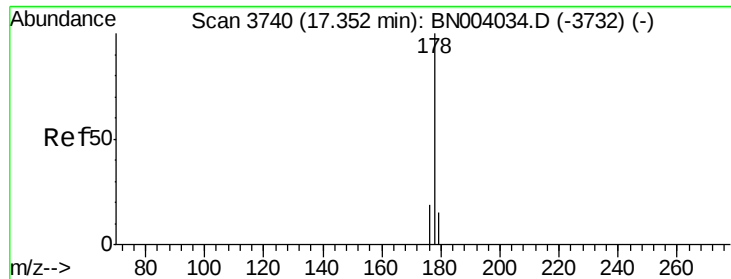
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#12
Phenanthrene
 Concen: 0.363 ng/ul m
 RT: 17.26 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.2	15.0	22.4





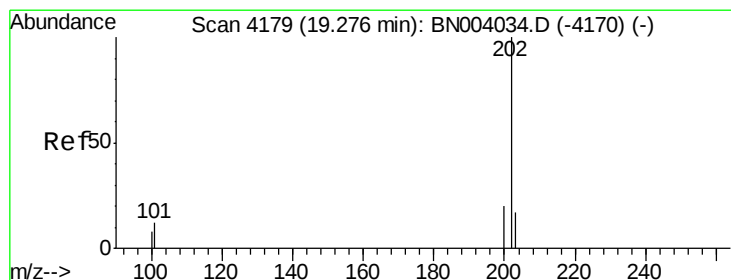
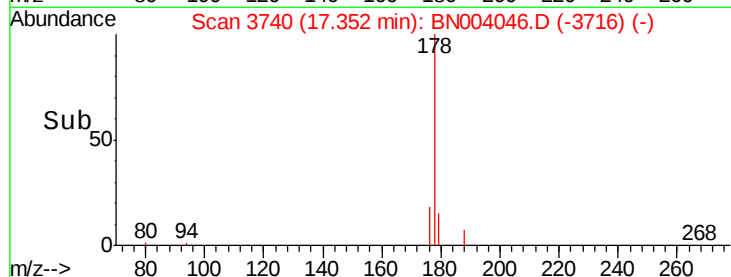
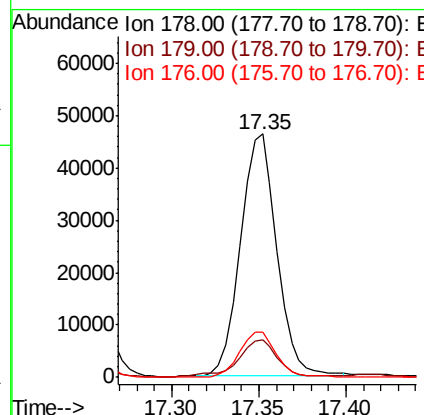
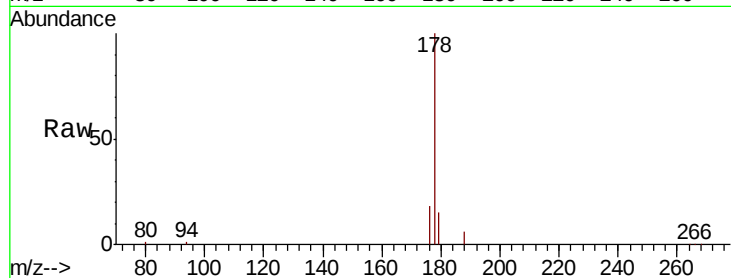
#13
 Anthracene
 Concen: 1.965 ng/ul m
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.3	14.8	22.2

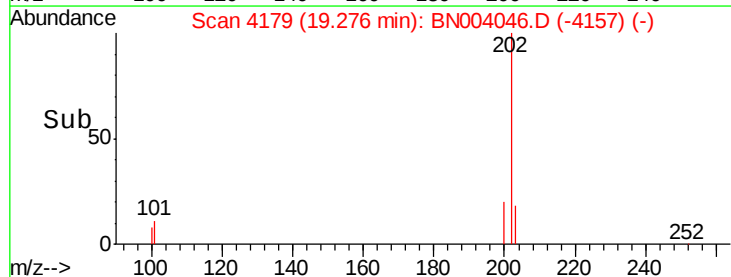
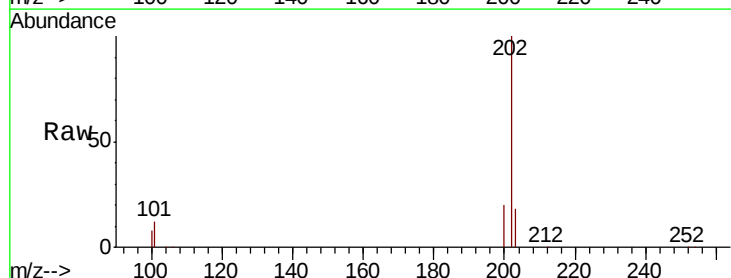
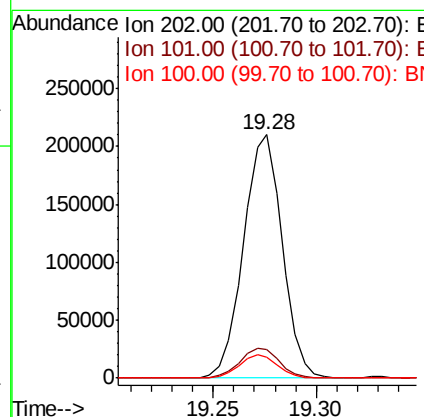
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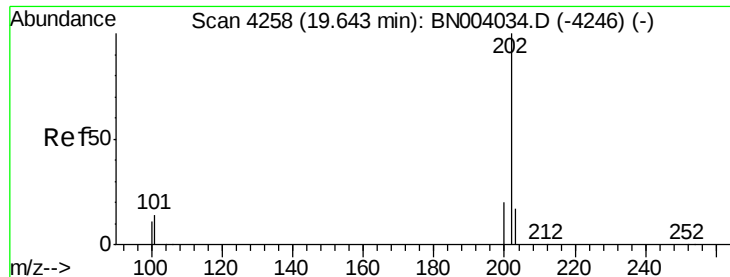
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#15
 Fluoranthene
 Concen: 5.619 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
100	8.4	0.0	28.1





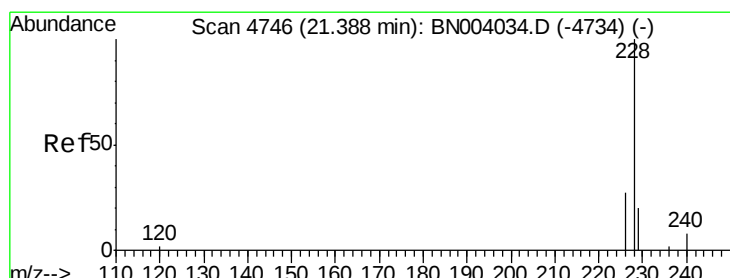
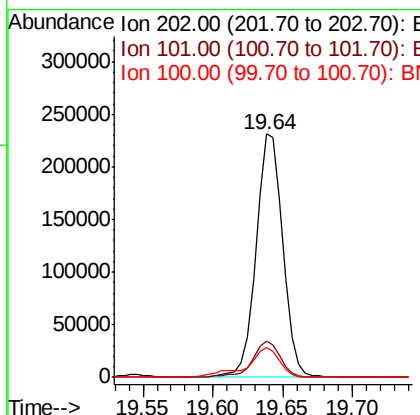
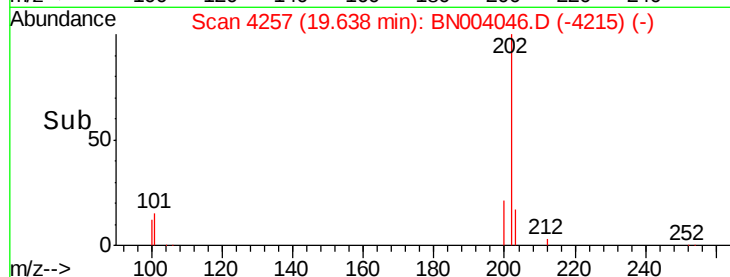
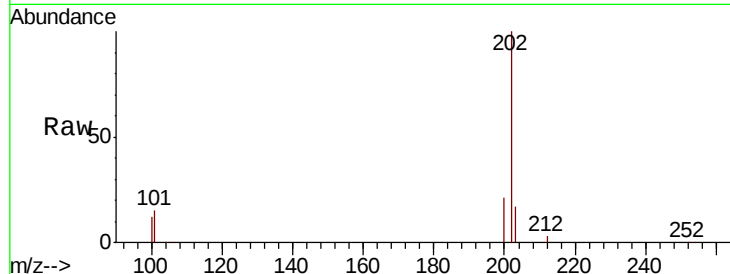
#17
Pyrene
Concen: 6.136 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004046.D
Acq: 17 Dec 2018 21:21

Instrument :
BNA_N
ClientSampleId :
F9E22

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	10.3	15.5
100	12.1	8.5	12.7

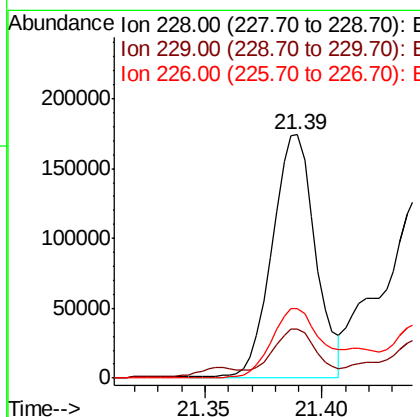
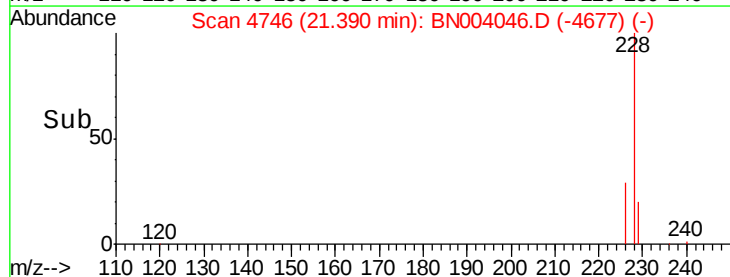
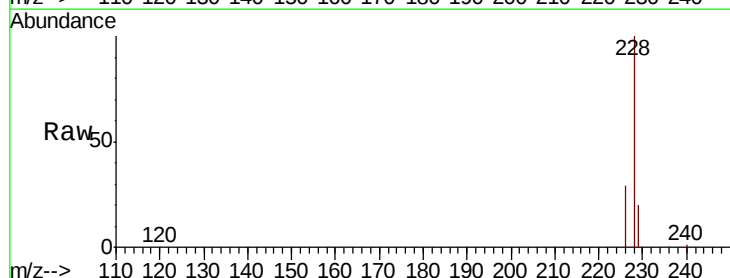
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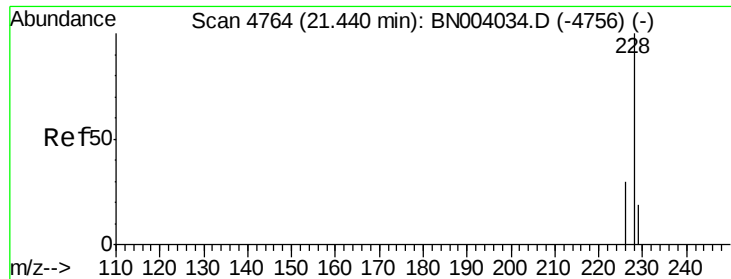
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#18
Benzo(a)anthracene
Concen: 5.046 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004046.D
Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.6	23.4
226	28.8	21.1	31.7





#19

Chrysene

Concen: 4.122 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

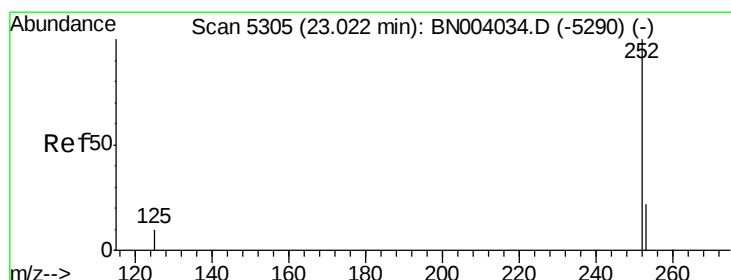
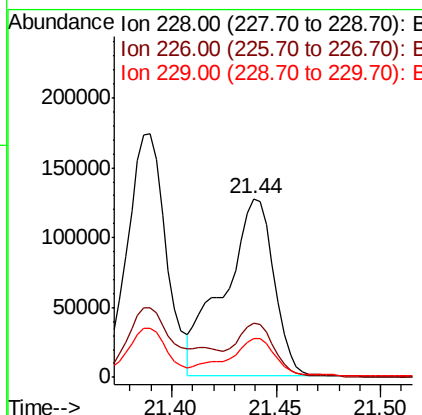
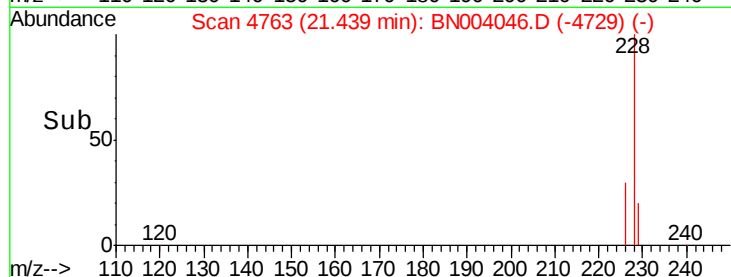
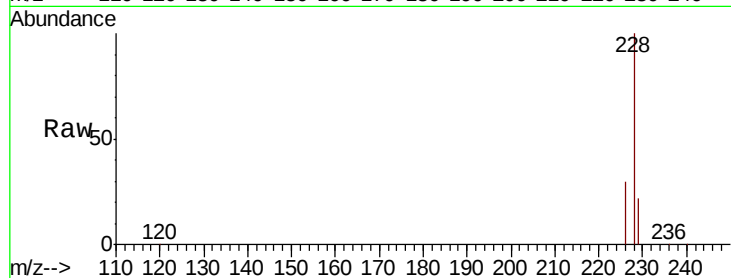
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Tgt Ion:	228	Resp:	209586
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	21.6	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 7.296 ng/ul m

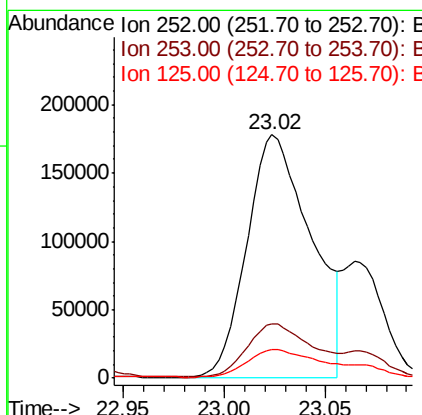
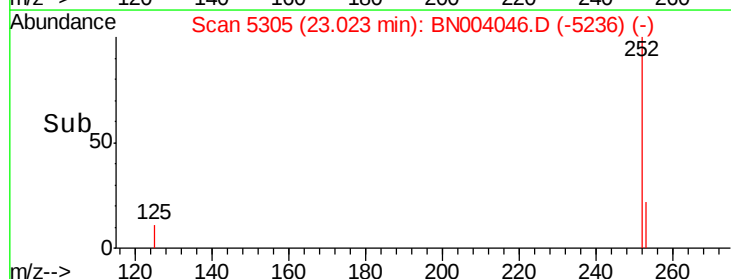
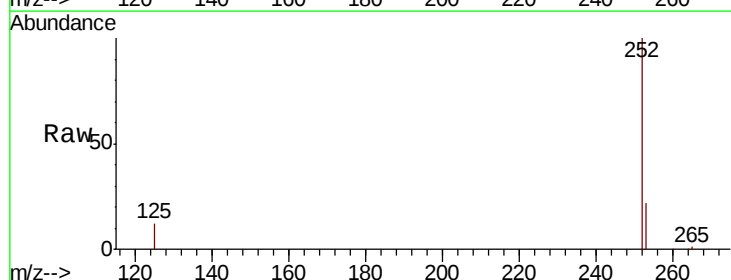
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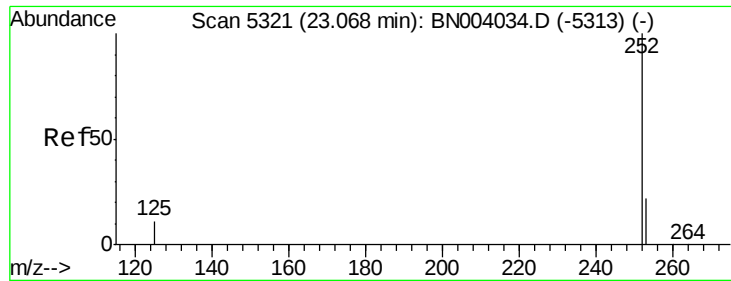
Delta R.T. 0.00 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Tgt Ion:	252	Resp:	395041
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	46.0
125	11.7	0.0	22.4





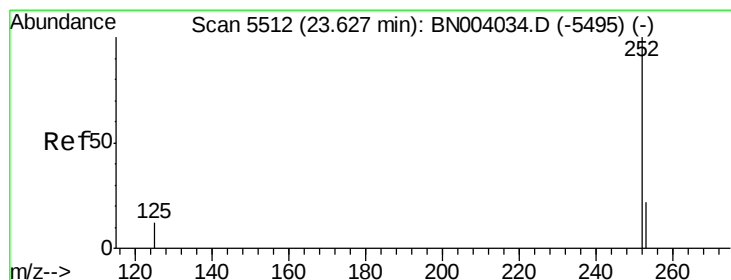
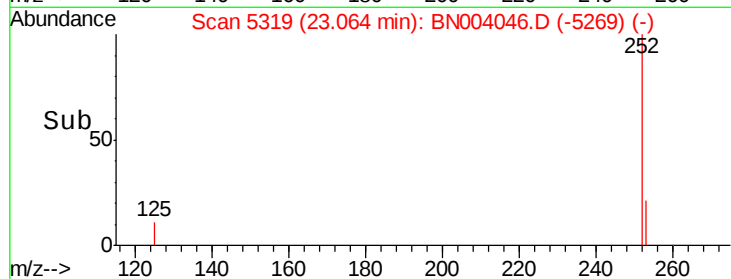
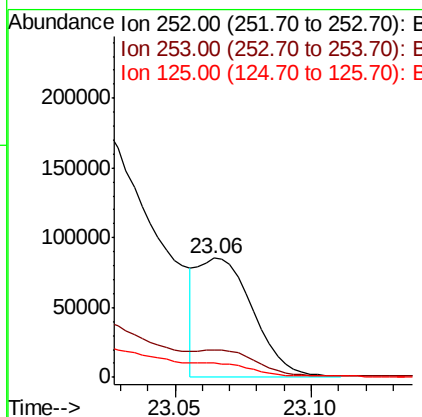
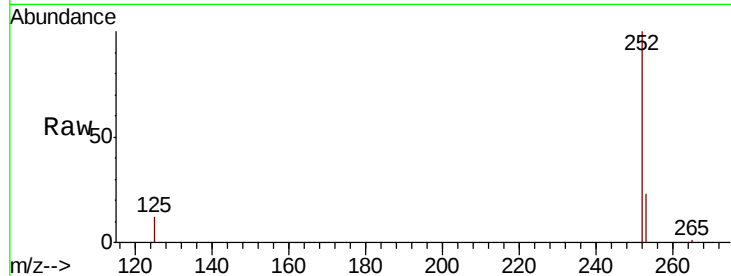
#22
Benzo(k)fluoranthene
Concen: 2.276 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN004046.D
Acq: 17 Dec 2018 21:21

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.9	9.0	13.6

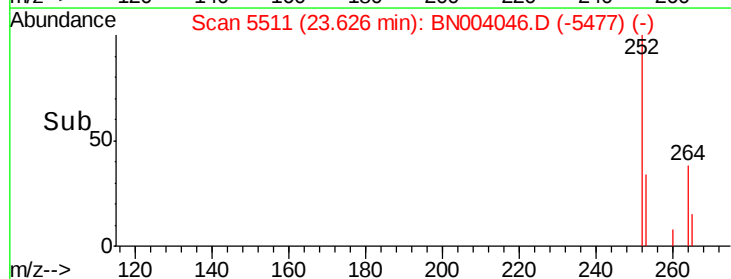
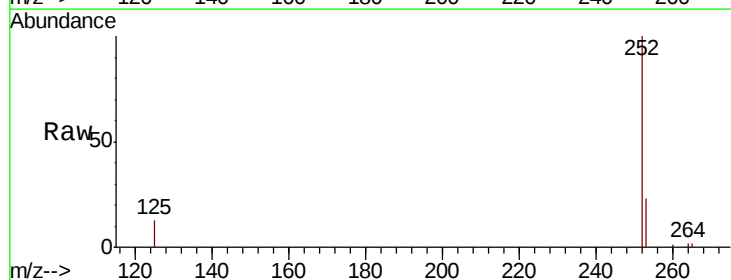
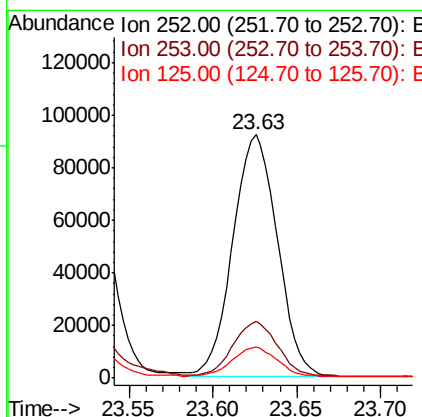
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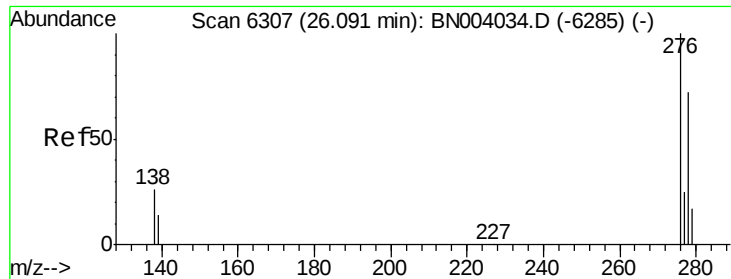
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#23
Benzo(a)pyrene
Concen: 3.620 ng/ul m
RT: 23.63 min Scan# 5511
Delta R.T. -0.00 min
Lab File: BN004046.D
Acq: 17 Dec 2018 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	12.6	10.2	15.4





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.059 ng/ul m

RT: 26.09 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Instrument :

BNA_N

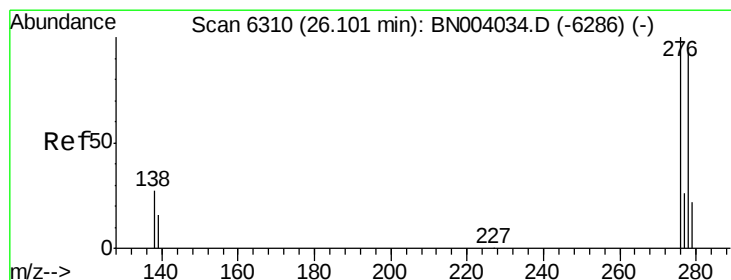
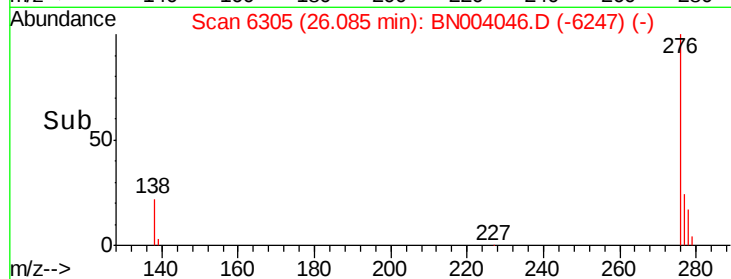
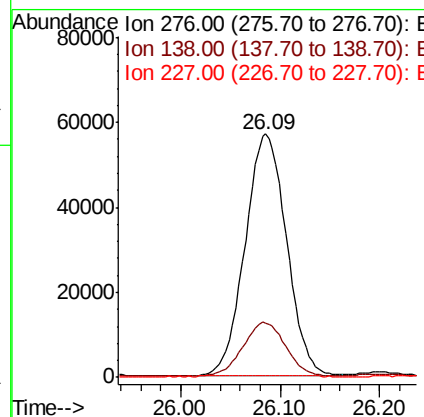
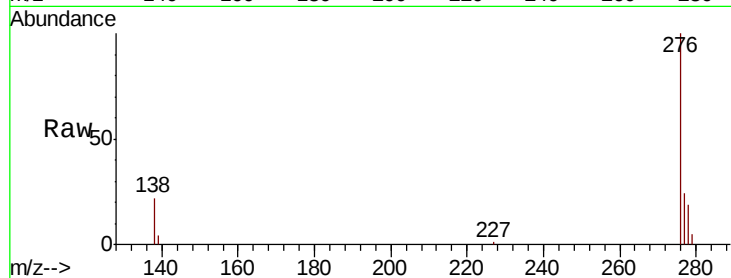
ClientSampleId :

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Tgt Ion:	276	Resp:	164462
Ion Ratio	Lower	Upper	
276	100		
138	22.4	20.3	30.5
227	0.2	0.2	0.2

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#25

Dibenzo(a,h)anthracene

Concen: 0.887 ng/ul m

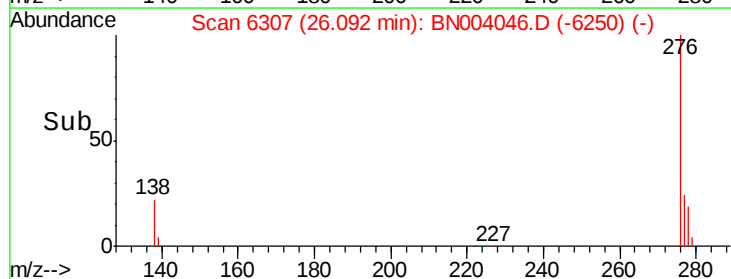
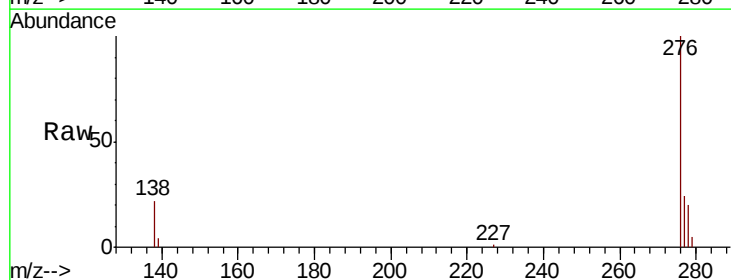
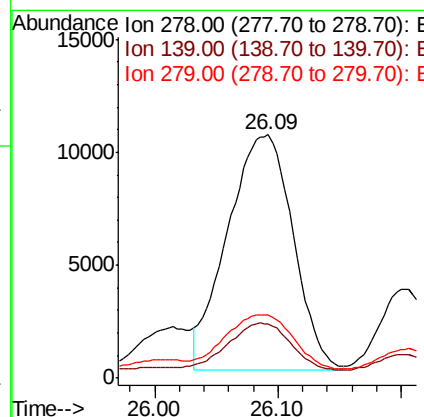
RT: 26.09 min Scan# 6307

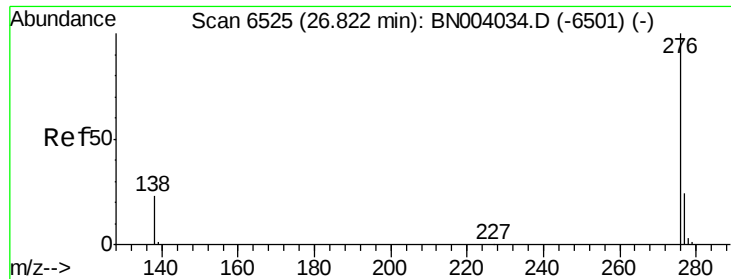
Delta R.T. -0.01 min

Lab File: BN004046.D

Acq: 17 Dec 2018 21:21

Tgt Ion:	278	Resp:	38390
Ion Ratio	Lower	Upper	
278	100		
139	22.1	14.2	21.4#
279	25.9	19.8	29.6





#26
 Benzo(g,h,i)perylene
 Concen: 2.844 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. -0.00 min
 Lab File: BN004046.D
 Acq: 17 Dec 2018 21:21

Instrument :
 BNA_N
 ClientSampleId :
 F9E22

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.7	17.7	26.5
277	24.2	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:20 PM

