

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004081.D
 Acq On : 18 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6271-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F11

Manual Integrations
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 12/19/2018 4:16:04 PM

Quant Time: Dec 19 03:52:06 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 : Wed Dec 19 01:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1459	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7325	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4917	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12899m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13952m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12757m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2455	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8366m	0.22	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	3960	0.276	ng/ul	100
8) Acenaphthene	14.53	153	1743	0.090	ng/ul#	88
9) Fluorene	15.52	166	2614	0.116	ng/ul#	91
12) Phenanthrene	17.26	178	22779	0.538	ng/ul	96
13) Anthracene	17.35	178	2685m	0.077	ng/ul	
15) Fluoranthene	19.27	202	2983m	0.060	ng/ul	
17) Pyrene	19.64	202	21067m	0.421	ng/ul	
18) Benzo(a)anthracene	21.39	228	3210m	0.073	ng/ul	
19) Chrysene	21.44	228	7785m	0.154	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	1800m	0.034	ng/ul	
23) Benzo(a)pyrene	23.62	252	1871	0.041	ng/ul#	8
26) Benzo(g,h,i)perylene	26.82	276	1599	0.035	ng/ul#	46

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

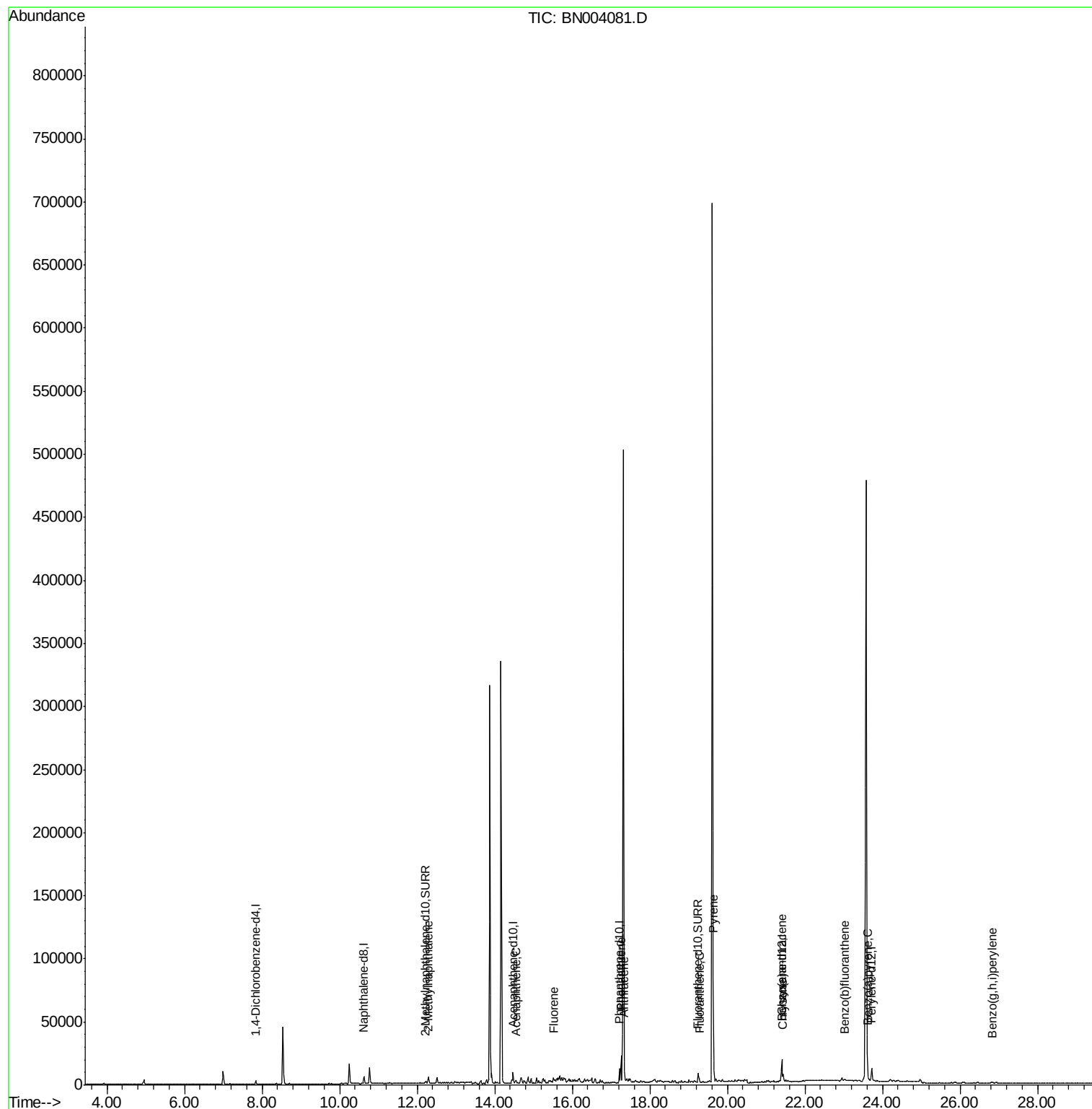
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004081.D
Acq On : 18 Dec 2018 17:53
Operator : JU/SJ
Sample : J6271-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

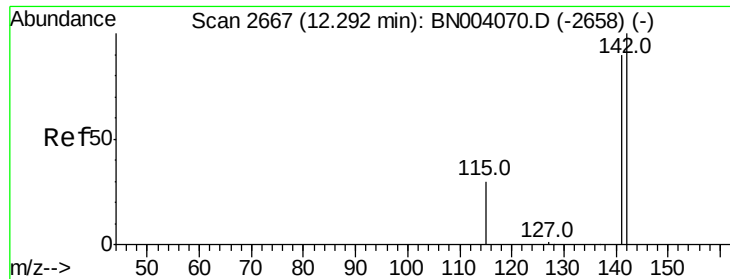
Instrument :
BNA_N
ClientSampleId :
F9F11

Quant Time: Dec 19 03:52:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#5

2-Methylnaphthalene

Concen: 0.276 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9F11

Tot Ion:142 Resp: 3960

Ion Ratio Lower Upper

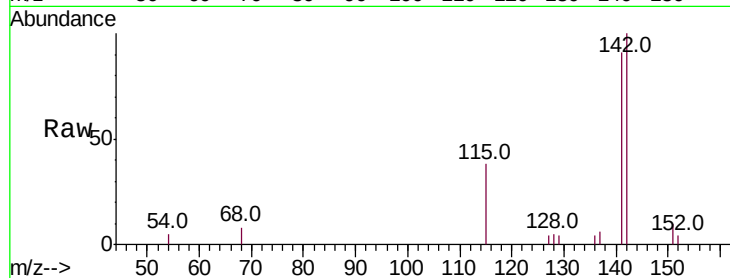
142 100

141 89.0 71.5 107.3

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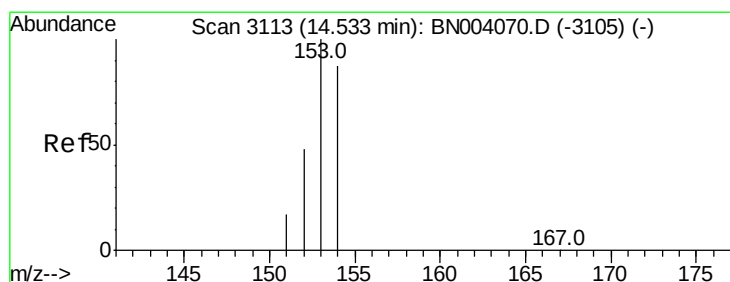
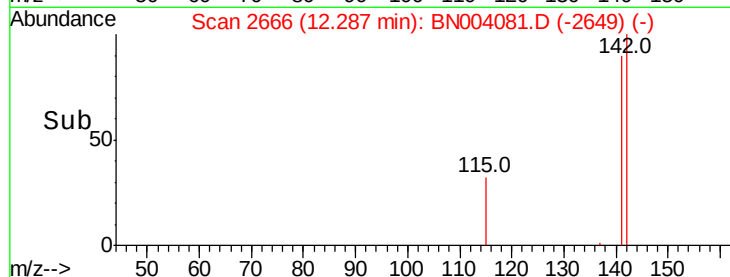
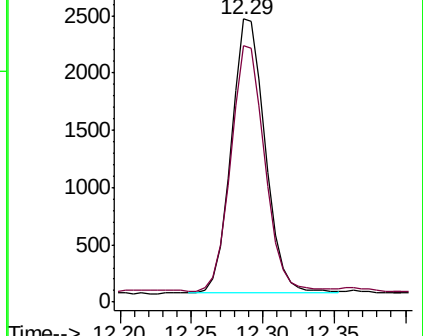
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

Acenaphthene

Concen: 0.090 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

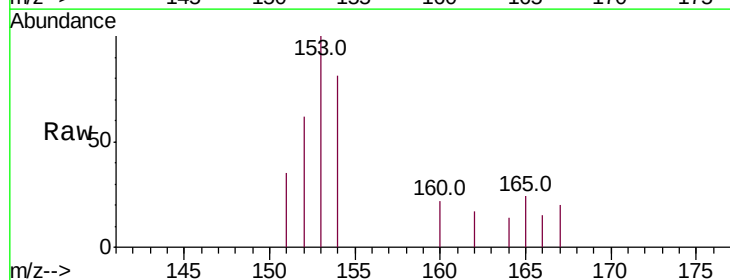
Tgt Ion:153 Resp: 1743

Ion Ratio Lower Upper

153 100

152 62.0 39.3 58.9#

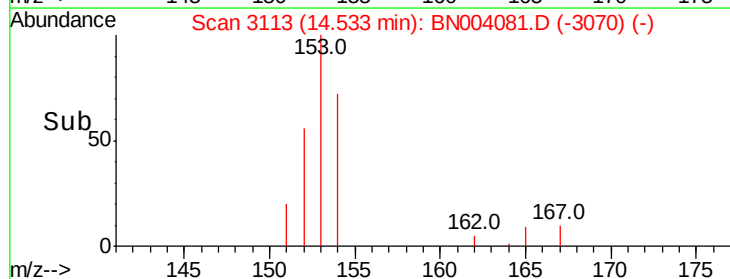
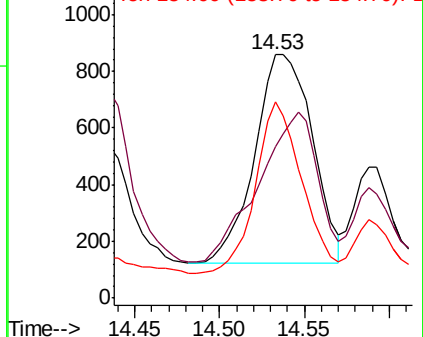
154 80.8 70.3 105.5

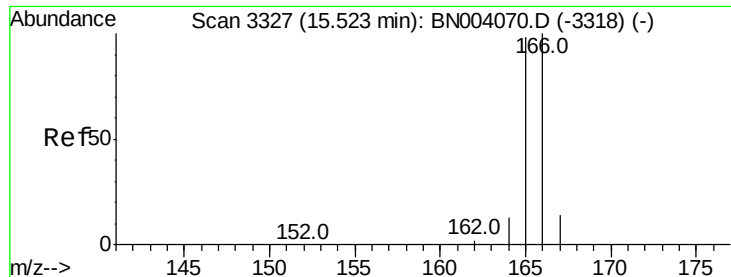


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.116 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

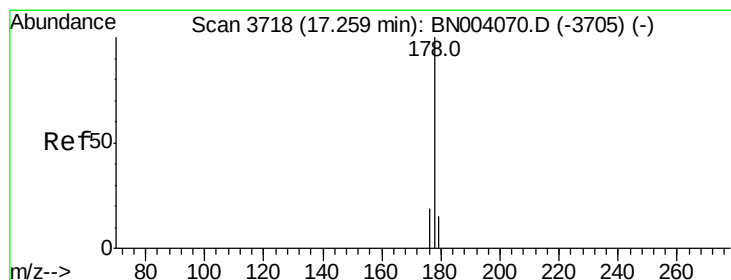
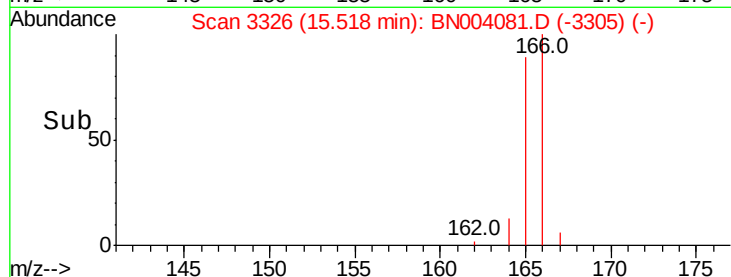
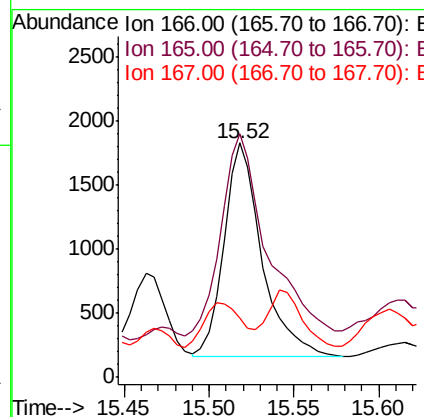
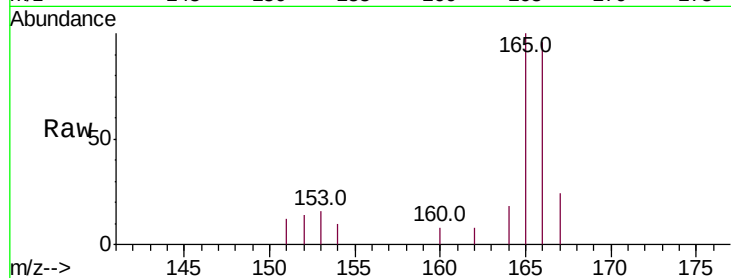
ClientSampleId :

F9F11

Tot Ion:	166	Resp:	2614
Ion Ratio	Lower	Upper	
166	100		
165	103.8	78.3	117.5
167	25.1	11.3	16.9#

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#12

Phenanthrene

Concen: 0.538 ng/ul

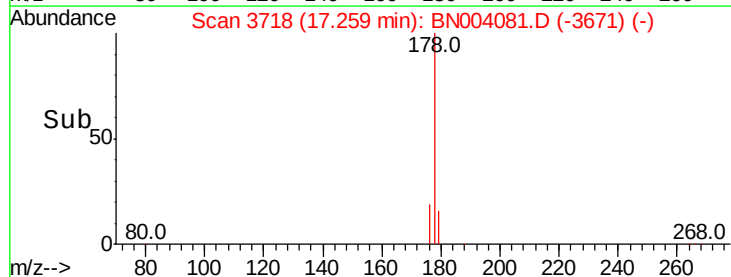
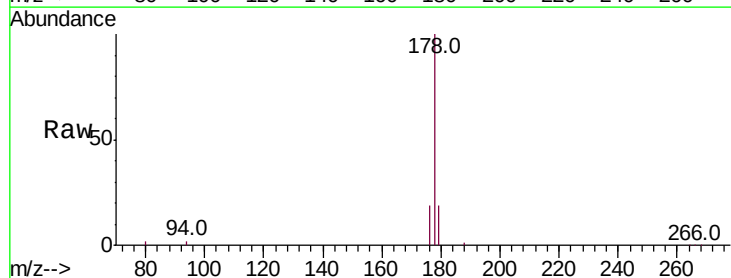
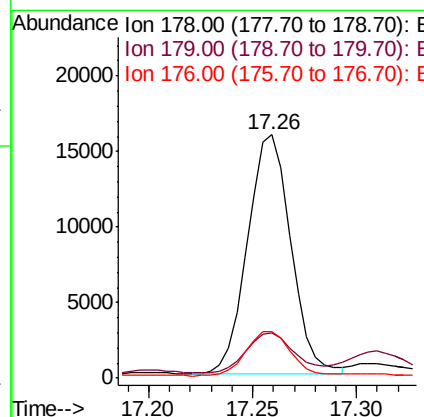
RT: 17.26 min Scan# 3718

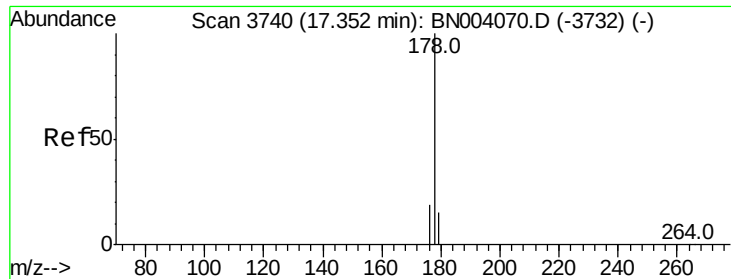
Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Tgt Ion:	178	Resp:	22779
Ion Ratio	Lower	Upper	
178	100		
179	18.6	12.5	18.7
176	19.3	15.0	22.4





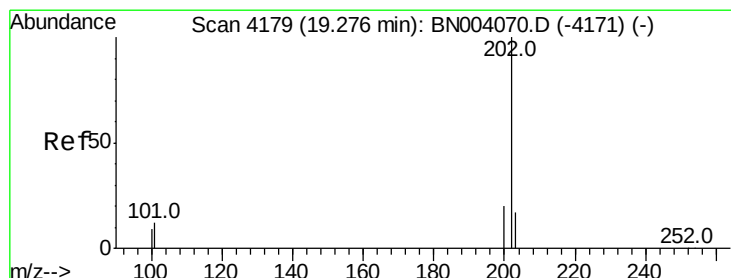
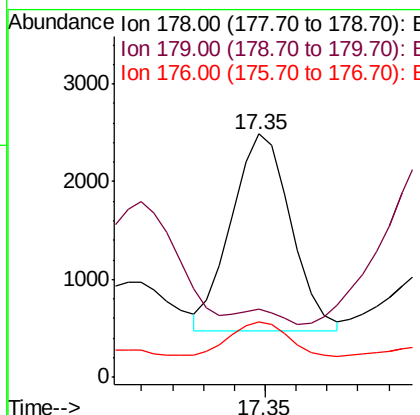
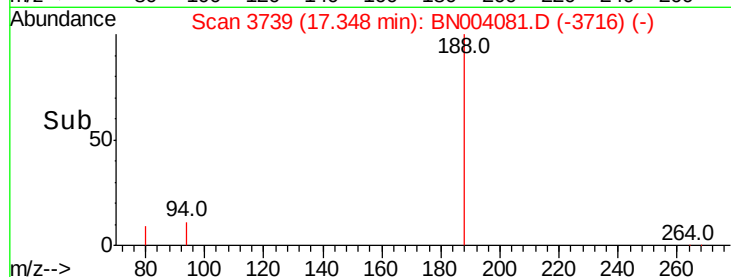
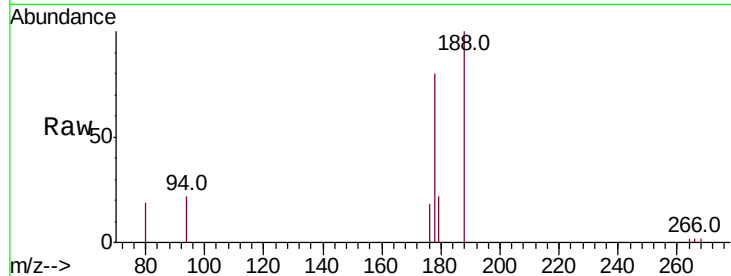
#13
 Anthracene
 Concen: 0.077 ng/ul m
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004081.D
 Acq: 18 Dec 2018 17:53

Instrument :
 BNA_N
 ClientSampled :
 F9F11

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.0	12.3	18.5#
176	22.5	14.8	22.2#

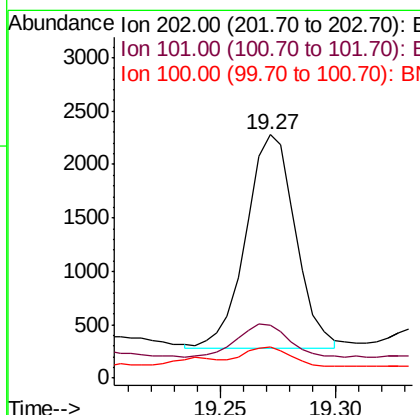
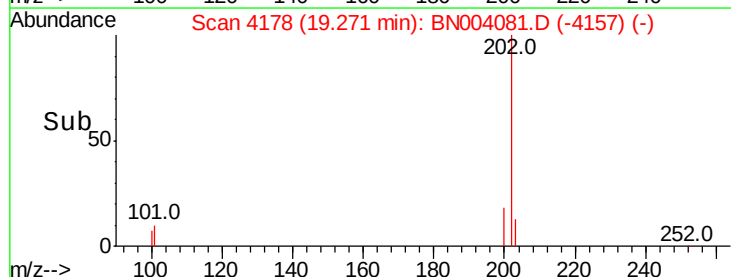
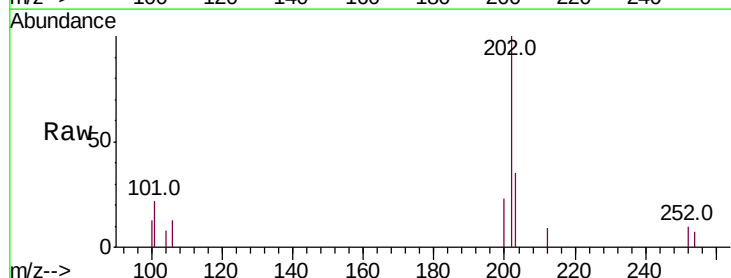
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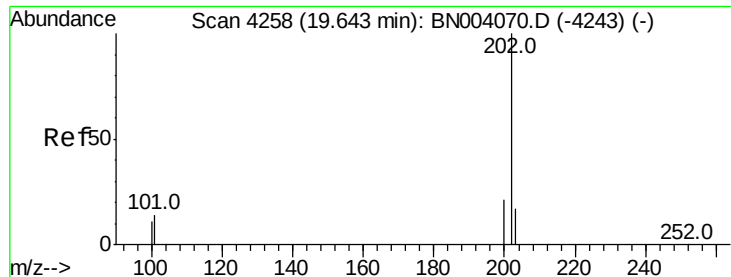
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#15
 Fluoranthene
 Concen: 0.060 ng/ul m
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN004081.D
 Acq: 18 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.5	0.0	30.7
100	12.6	0.0	28.1





#17

Pvrene

Concen: 0.421 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

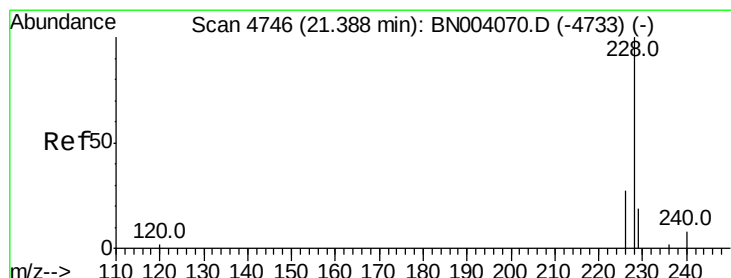
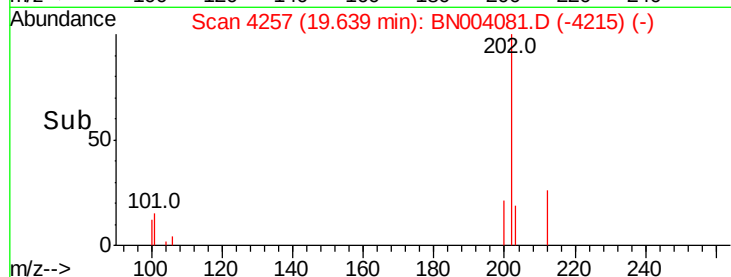
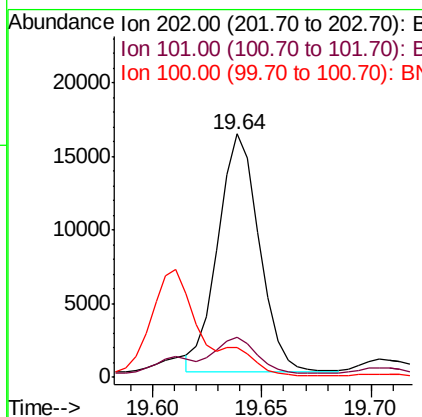
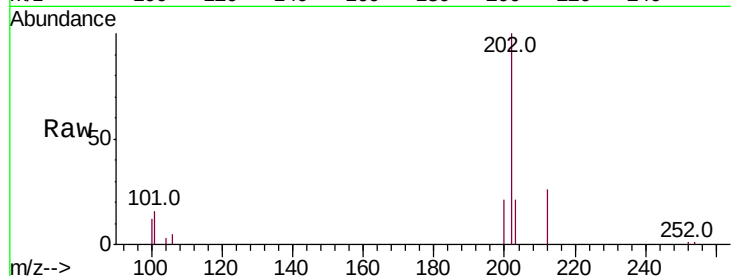
ClientSampleId :

F9F11

Tot Ion:	202	Resp:	21067
Ion Ratio	Lower	Upper	
202	100		
101	16.4	10.3	15.5#
100	12.0	8.5	12.7

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#18

Benzo(a)anthracene

Concen: 0.073 ng/ul m

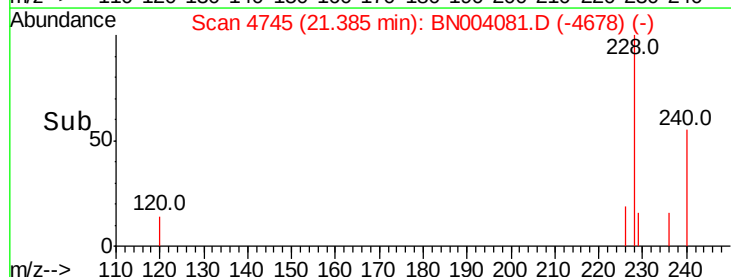
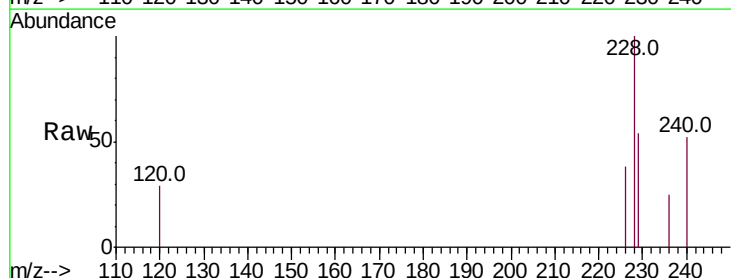
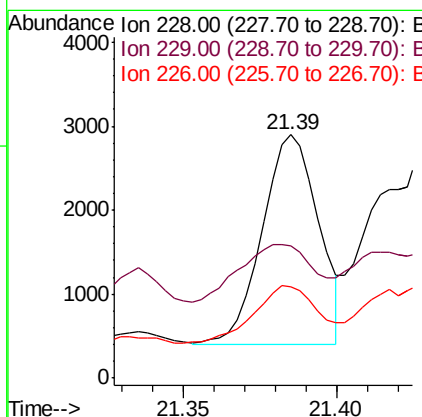
RT: 21.39 min Scan# 4745

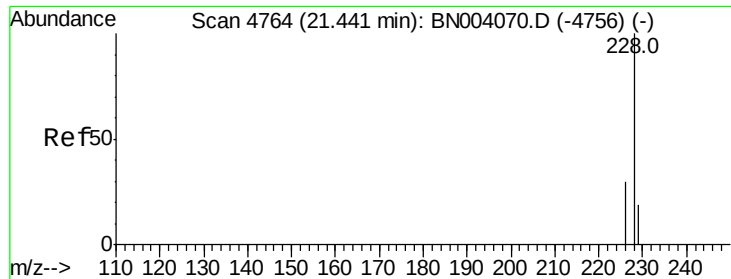
Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Tgt Ion:	228	Resp:	3210
Ion Ratio	Lower	Upper	
228	100		
229	54.2	15.6	23.4#
226	37.6	21.1	31.7#





#19

Chrysene

Concen: 0.154 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampled :

F9F11

Tot Ion:228 Resp: 7785

Ion Ratio Lower Upper

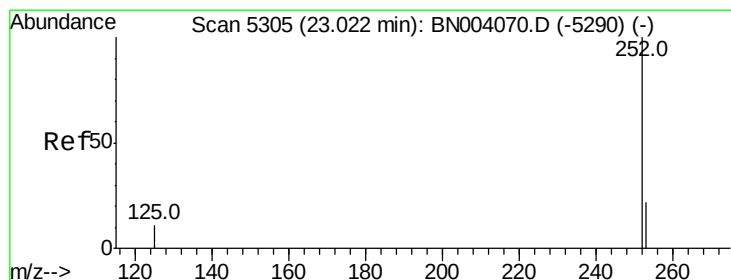
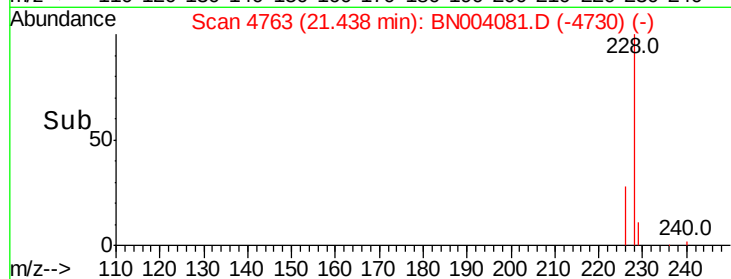
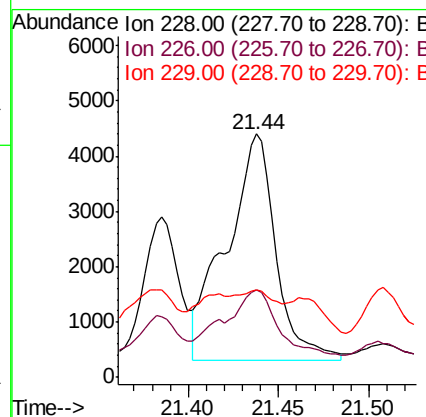
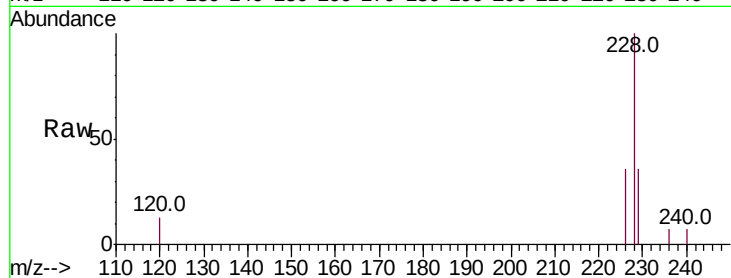
228 100

226 36.0 24.0 36.0

229 35.7 15.7 23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.034 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

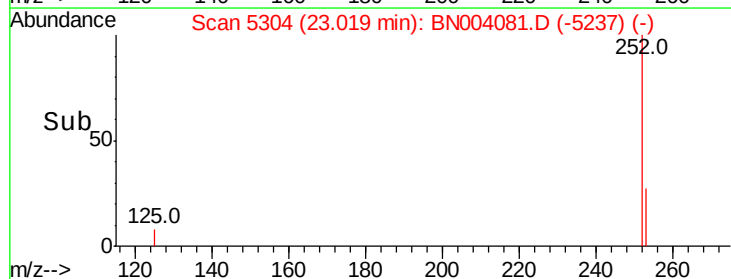
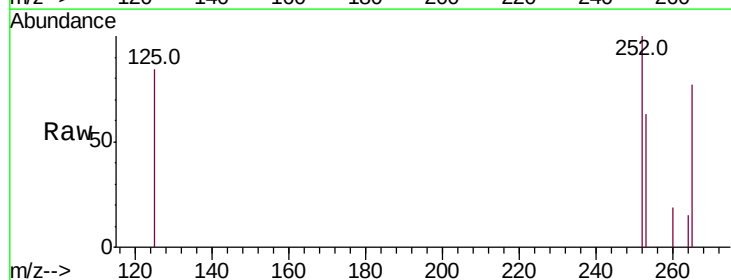
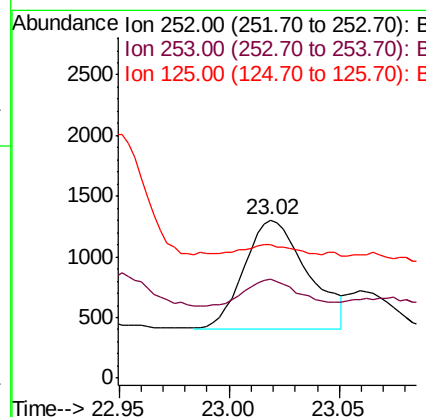
Tgt Ion:252 Resp: 1800

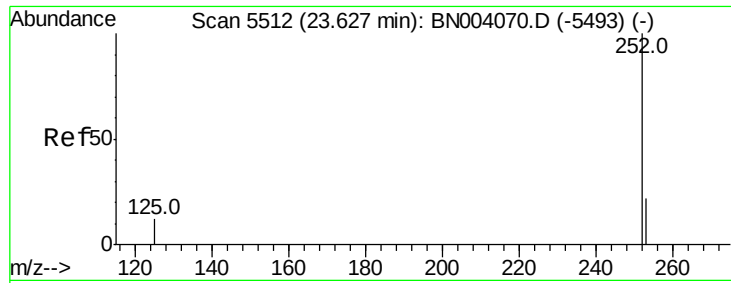
Ion Ratio Lower Upper

252 100

253 62.5 0.0 46.0#

125 84.2 0.0 22.4#





#23

Benzo(a)pyrene

Concen: 0.041 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. -0.01 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

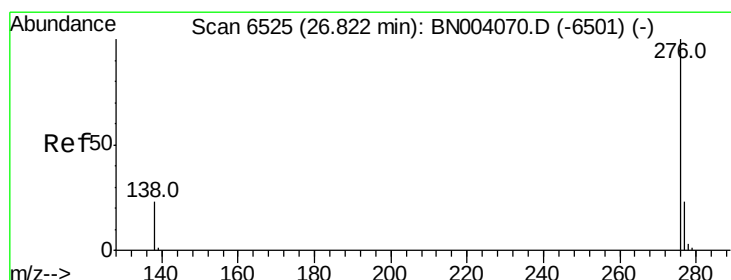
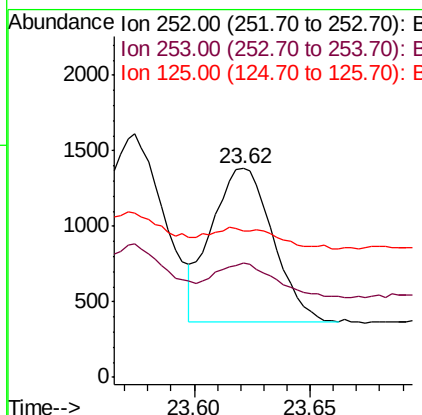
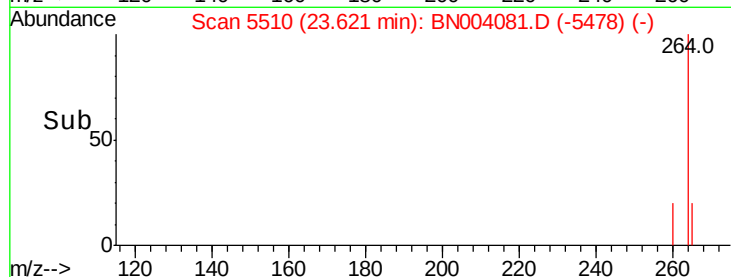
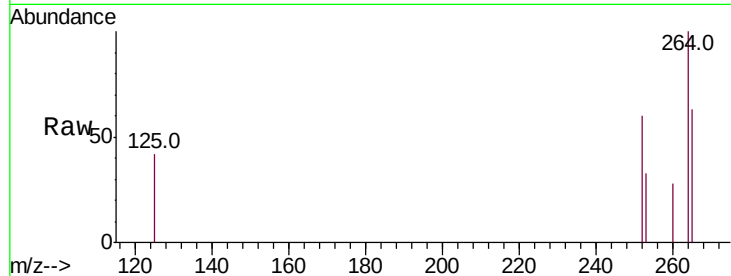
ClientSampleId :

F9F11

Tot Ion:	252	Resp:	1871
Ion Ratio	Lower	Upper	
252	100		
253	54.6	19.0	28.4#
125	70.0	10.2	15.4#

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#26

Benzo(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Tgt Ion:	276	Resp:	1599
Ion Ratio	Lower	Upper	
276	100		
138	52.6	17.7	26.5#
277	46.6	19.3	28.9#

