

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004000.D
 Acq On : 16 Dec 2018 18:09
 Operator : JU/SJ
 Sample : J6229-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F07

Manual Integrations
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Quant Time: Dec 17 05:55:02 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 : Mon Dec 17 04:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9917	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5948	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14683m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16579m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	14237m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3193	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10024m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	554	0.028	ng/ul	99
12) Phenanthrene	17.26	178	10212	0.212	ng/ul	98
13) Anthracene	17.35	178	1186m	0.030	ng/ul	
15) Fluoranthene	19.28	202	12943m	0.227	ng/ul	
17) Pyrene	19.64	202	17278m	0.291	ng/ul	
18) Benzo(a)anthracene	21.39	228	11406m	0.218	ng/ul	
19) Chrysene	21.44	228	16886m	0.282	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	14357m	0.244	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	5003m	0.087	ng/ul	
23) Benzo(a)pyrene	23.62	252	9366	0.184	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.09	276	6533	0.112	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.09	278	2426	0.052	ng/ul#	35
26) Benzo(g,h,i)perylene	26.82	276	7300	0.144	ng/ul#	83

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

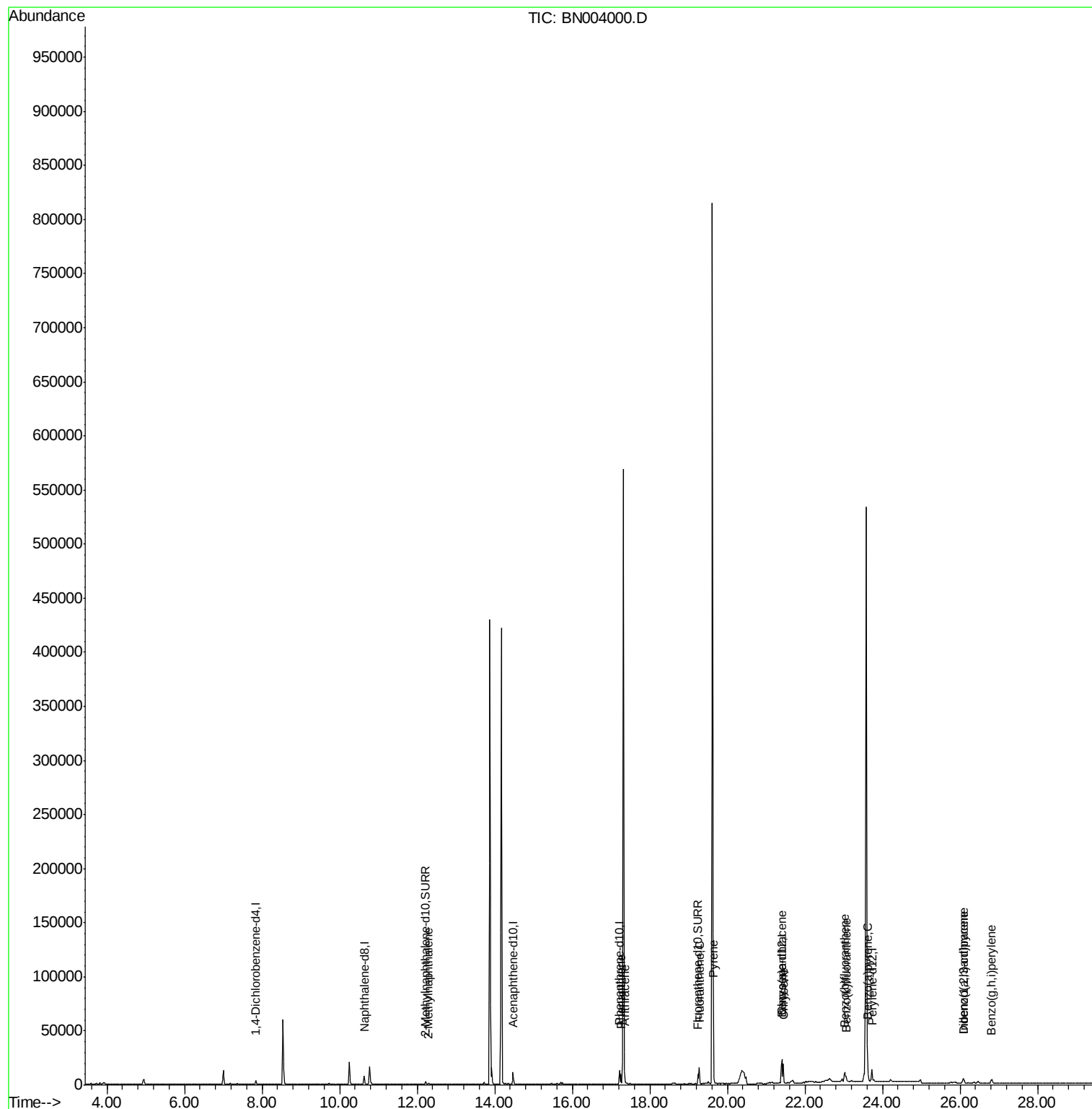
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004000.D
Acq On : 16 Dec 2018 18:09
Operator : JU/SJ
Sample : J6229-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

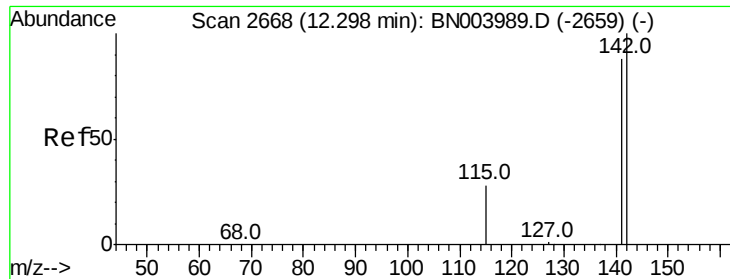
Instrument :
BNA_N
ClientSampleId :
F9F07

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Quant Time: Dec 17 05:55:02 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Instrument :

BNA_N

ClientSampled :

F9F07

Tot Ion:142 Resp: 554

Ion Ratio Lower Upper

142 100

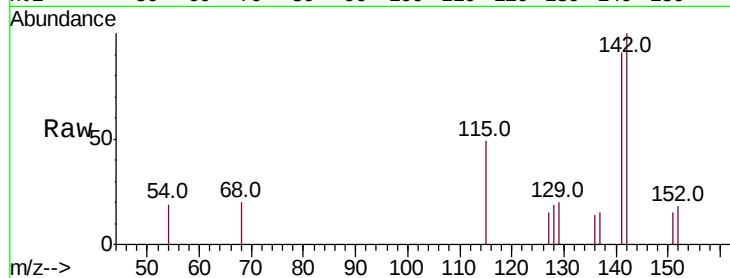
141 90.3 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

400

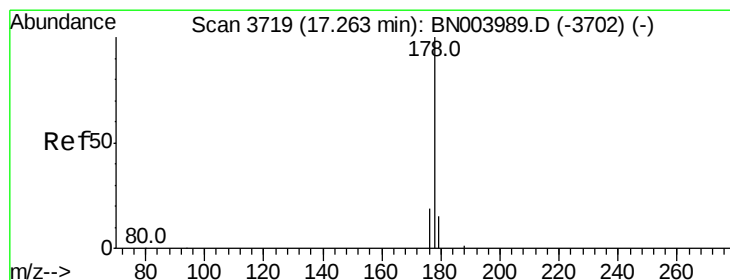
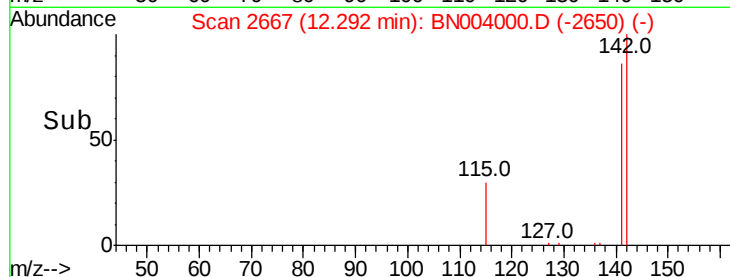
300

200

100

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.212 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

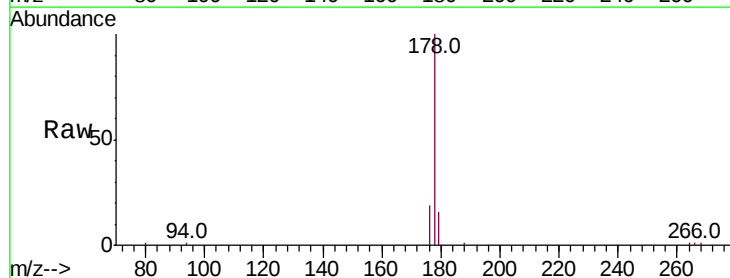
Tgt Ion:178 Resp: 10212

Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

176 19.4 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

10000

8000

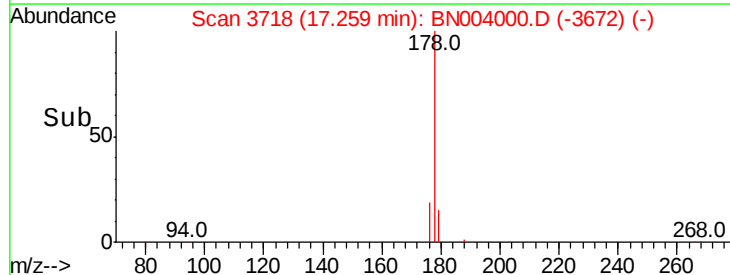
6000

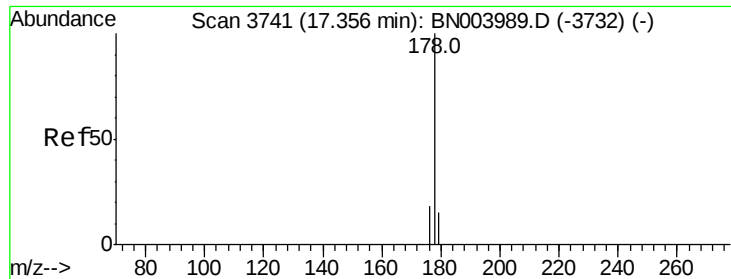
4000

2000

0

Time--> 17.20 17.25 17.30





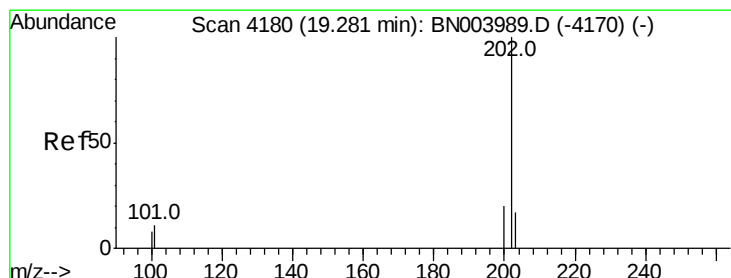
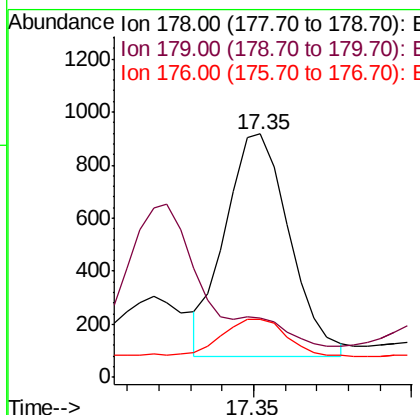
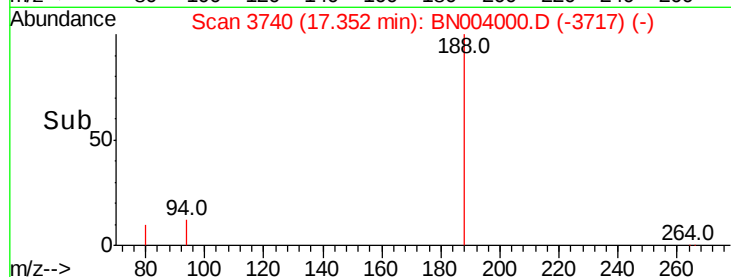
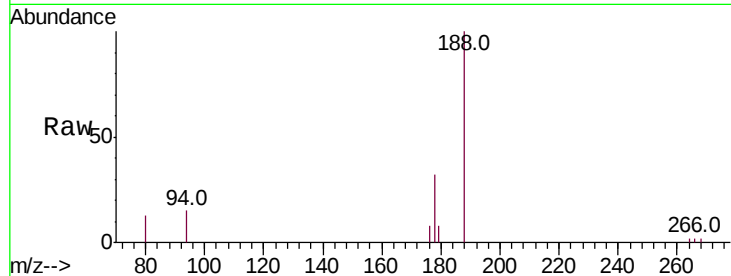
#13
 Anthracene
 Concen: 0.030 ng/ul m
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN004000.D
 Acq: 16 Dec 2018 18:09

Instrument :
 BNA_N
 ClientSampled :
 F9F07

Tot Ion:178 Resp: 1186
 Ion Ratio Lower Upper
 178 100
 179 24.4 12.3 18.5#
 176 23.7 14.8 22.2#

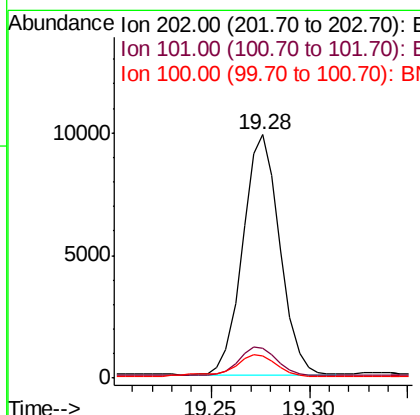
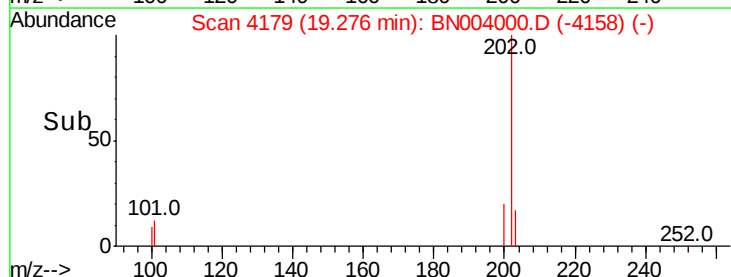
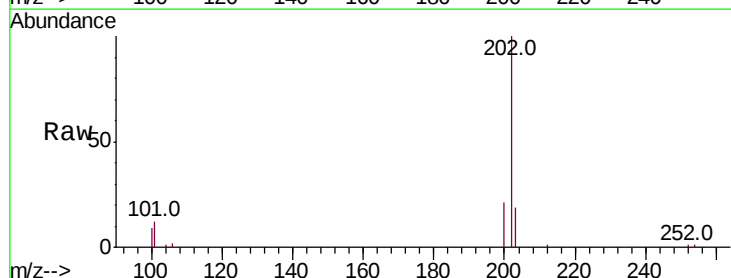
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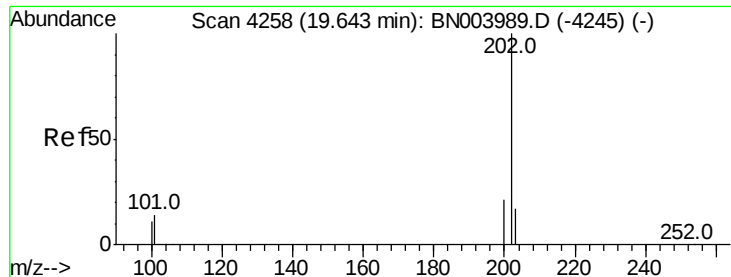
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#15
 Fluoranthene
 Concen: 0.227 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004000.D
 Acq: 16 Dec 2018 18:09

Tgt Ion:202 Resp: 12943
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 30.7
 100 9.2 0.0 28.1





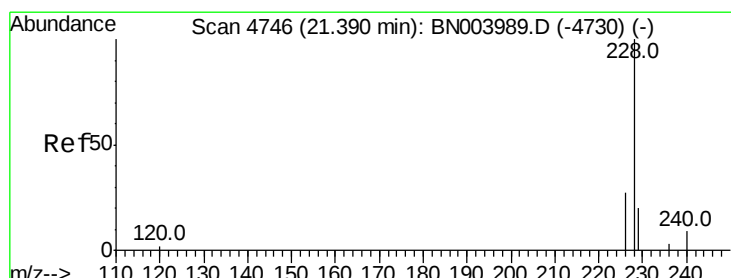
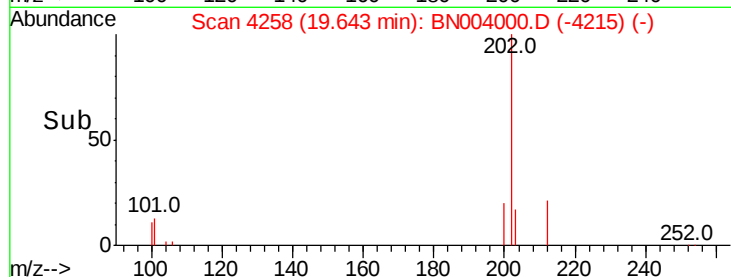
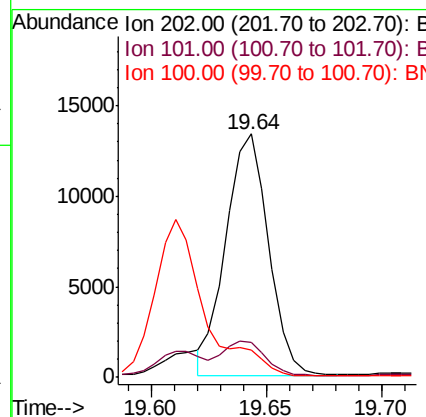
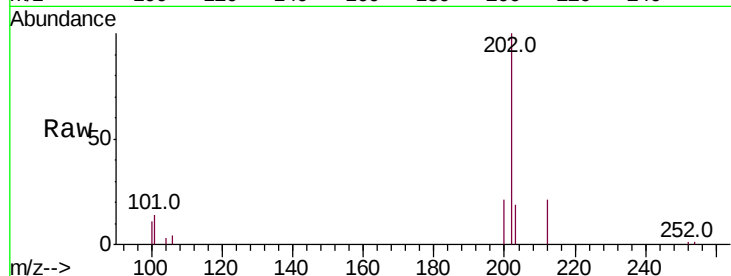
#17
Pvrene
Concen: 0.291 ng/ul m
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004000.D
Acq: 16 Dec 2018 18:09

Instrument :
BNA_N
ClientSampled :
F9F07

Tot Ion	Ratio	Resp	Lower	Upper
202	100	17278		
101	14.2		10.3	15.5
100	11.3		8.5	12.7

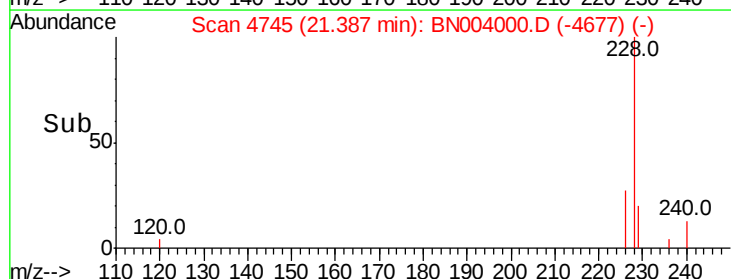
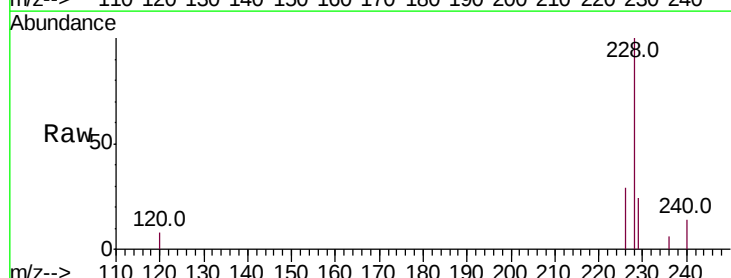
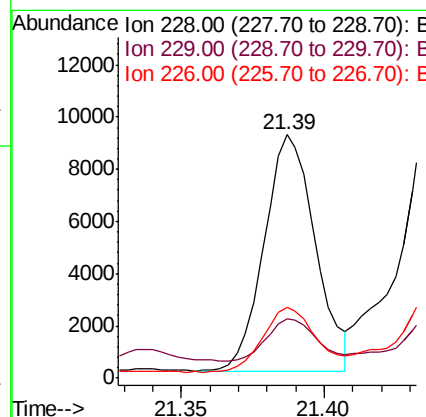
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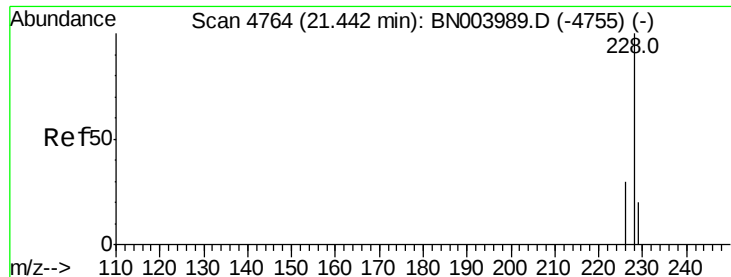
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#18
Benzo(a)anthracene
Concen: 0.218 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004000.D
Acq: 16 Dec 2018 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	11406		
229	24.3		15.6	23.4#
226	29.0		21.1	31.7





#19

Chrysene

Concen: 0.282 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Instrument :

BNA_N

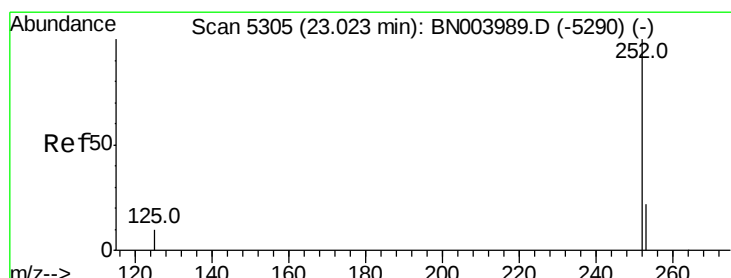
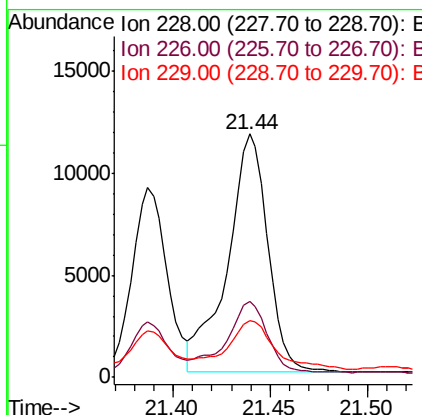
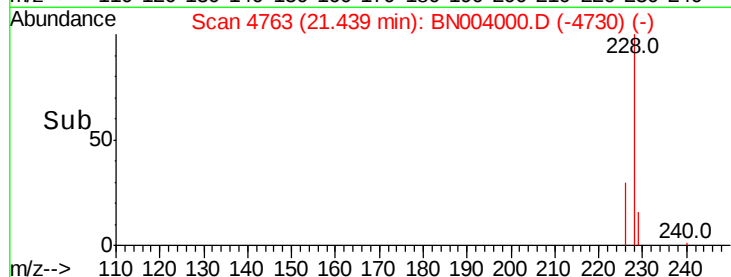
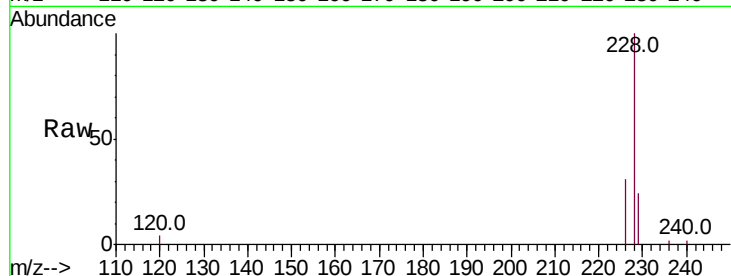
ClientSampleId :

F9F07

Tot Ion:	228	Resp:	16886
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	23.5	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 0.244 ng/ul m

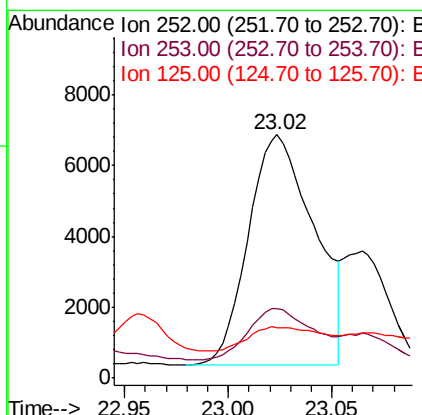
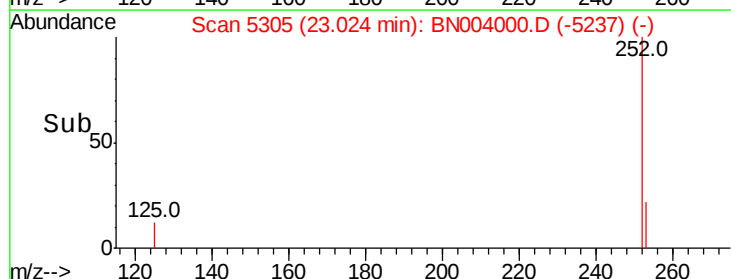
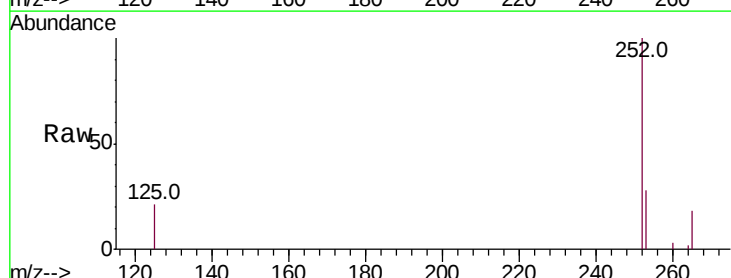
RT: 23.02 min Scan# 5305

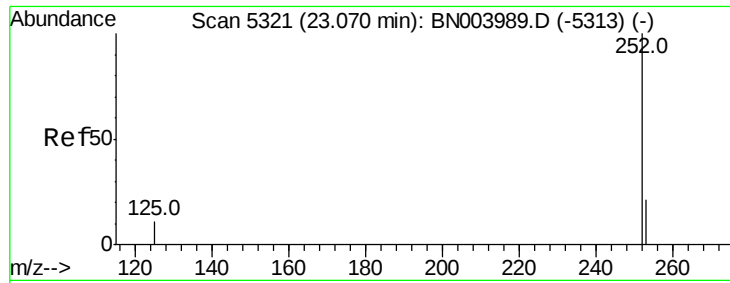
Delta R.T. 0.00 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Tgt Ion:	252	Resp:	14357
Ion Ratio	Lower	Upper	
252	100		
253	28.5	0.0	46.0
125	20.9	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul m

RT: 23.06 min Scan# 5319

Delta R.T. -0.01 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Instrument :

BNA_N

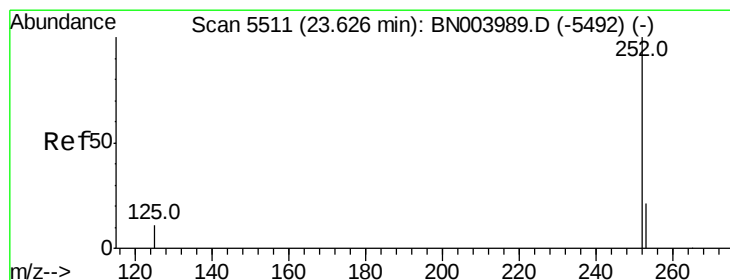
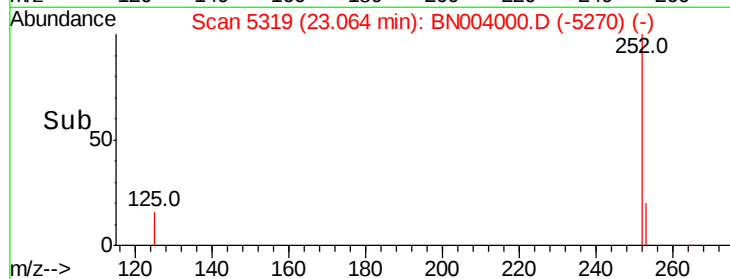
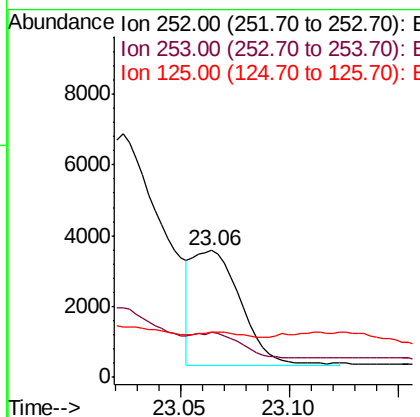
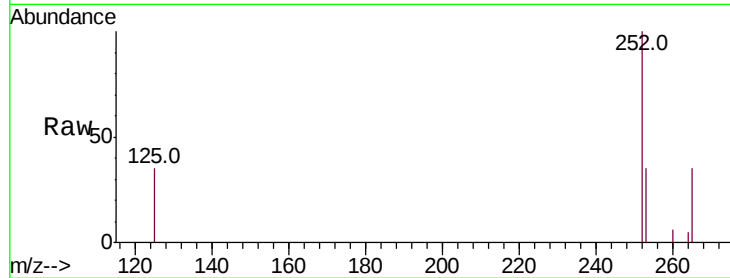
ClientSampled :

F9F07

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.4	18.5	27.7#
125	35.4	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.184 ng/ul

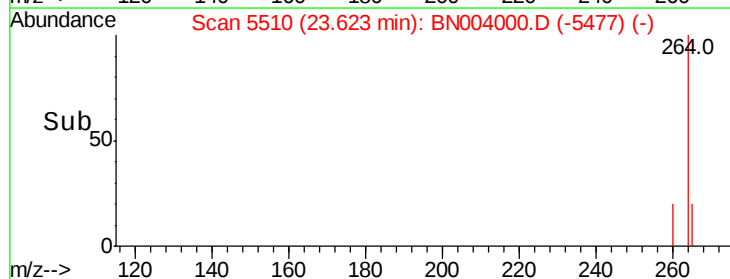
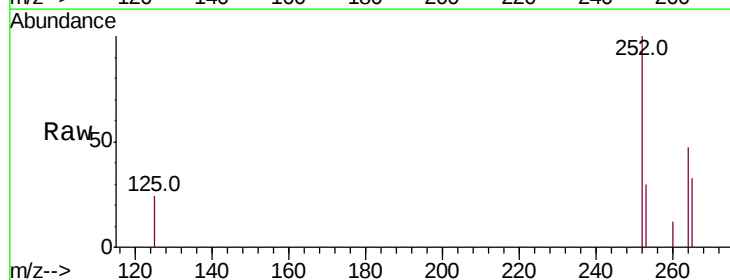
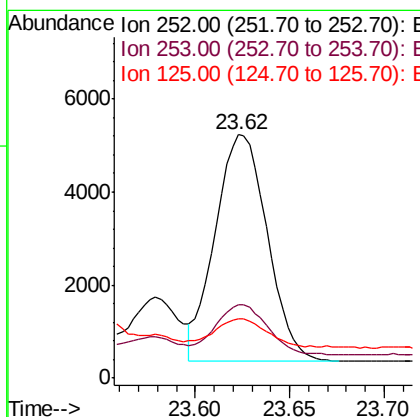
RT: 23.62 min Scan# 5510

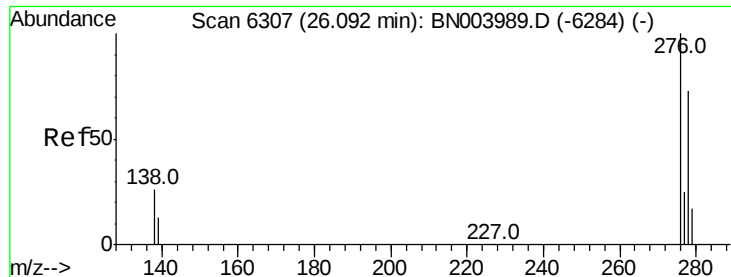
Delta R.T. -0.00 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	19.0	28.4#
125	24.3	10.2	15.4#





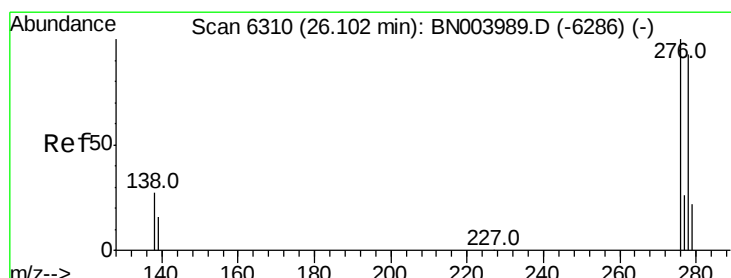
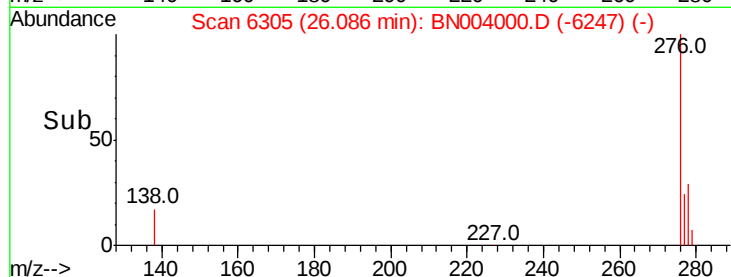
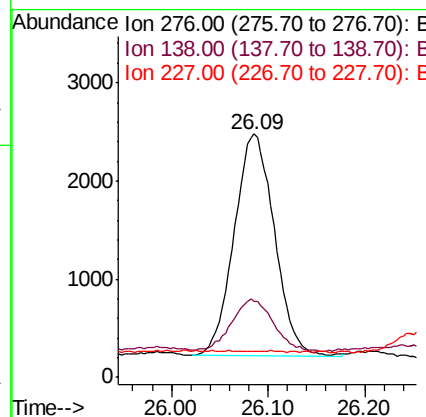
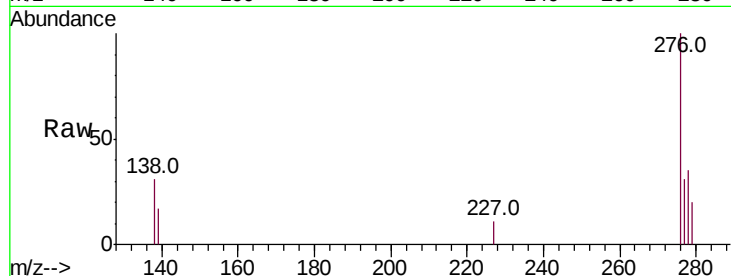
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004000.D
Acq: 16 Dec 2018 18:09

Instrument :
BNA_N
ClientSampleId :
F9F07

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.3	30.5
227	0.0	0.2	0.2#

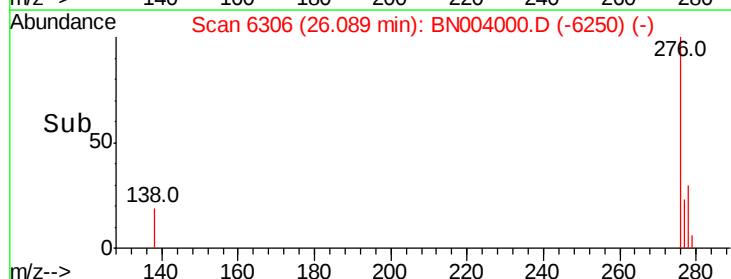
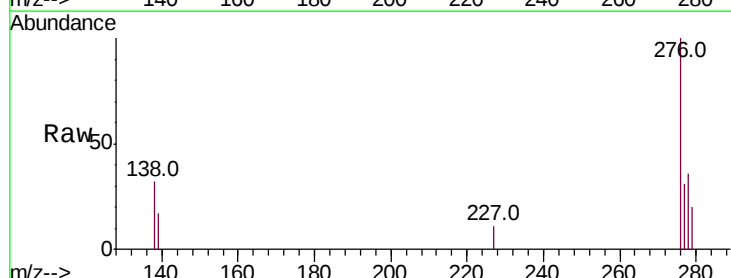
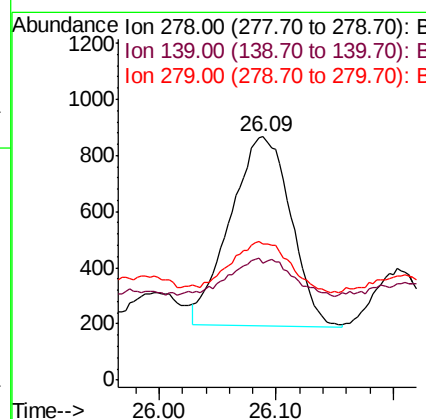
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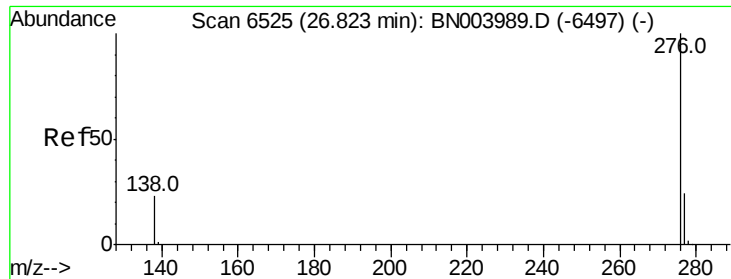
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#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004000.D
Acq: 16 Dec 2018 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.1	14.2	21.4#
279	55.8	19.8	29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.144 ng/ul

RT: 26.82 min Scan# 6523

Delta R.T. -0.01 min

Lab File: BN004000.D

Acq: 16 Dec 2018 18:09

Instrument :

BNA_N

ClientSampleId :

F9F07

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	17.7	26.5#
277	30.5	19.3	28.9#

Manual Integrations
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