

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004001.D
 Acq On : 16 Dec 2018 18:44
 Operator : JU/SJ
 Sample : J6229-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E92

Manual Integrations
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Quant Time: Dec 17 06:05:54 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	1696	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8331	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5254	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13284m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15640m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13310m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2731	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8776m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	551	0.034	ng/ul	98
12) Phenanthrene	17.26	178	12583	0.289	ng/ul	99
15) Fluoranthene	19.28	202	3123m	0.061	ng/ul	
17) Pyrene	19.64	202	9639m	0.172	ng/ul	
18) Benzo(a)anthracene	21.39	228	5974m	0.121	ng/ul	
19) Chrysene	21.44	228	10866m	0.192	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	3527m	0.064	ng/ul	
23) Benzo(a)pyrene	23.62	252	3183m	0.067	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	1680m	0.031	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	1212m	0.028	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	2428m	0.051	ng/ul	

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

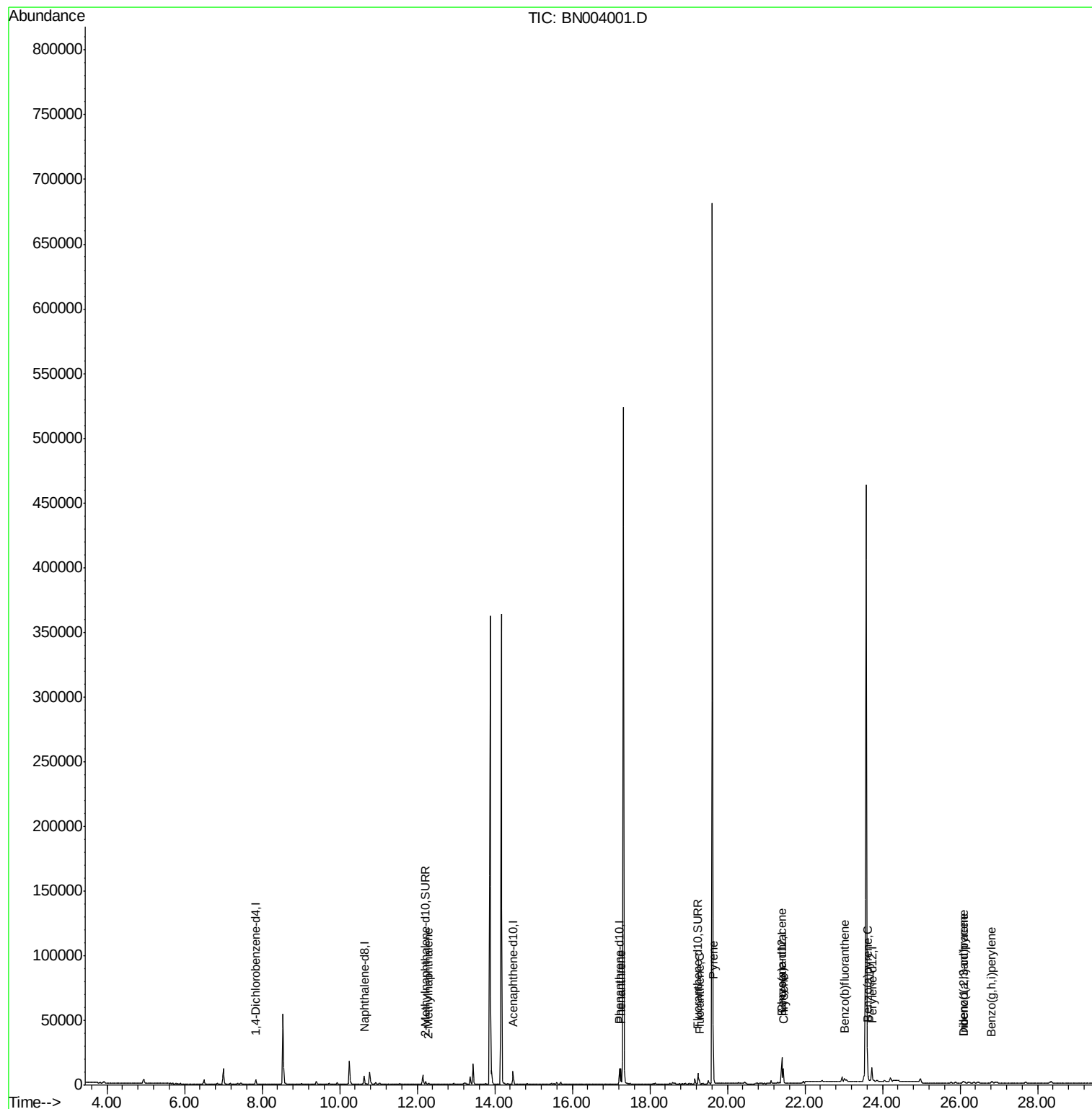
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004001.D
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Sample : J6229-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

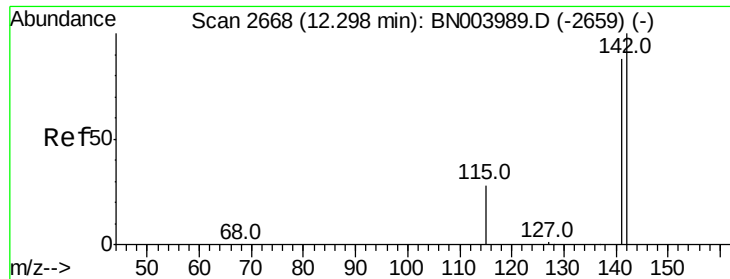
Instrument :
BNA_N
ClientSampleId :
F9E92

Quant Time: Dec 17 06:05:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

Instrument :

BNA_N

ClientSampled :

F9E92

Tot Ion:142 Resp: 551

Ion Ratio Lower Upper

142 100

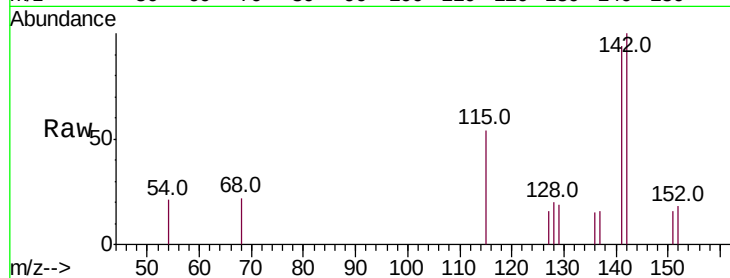
141 87.7 71.5 107.3

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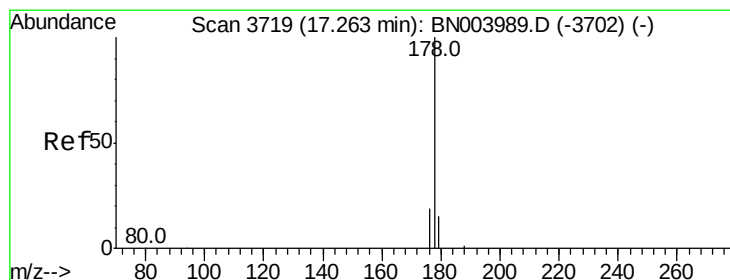
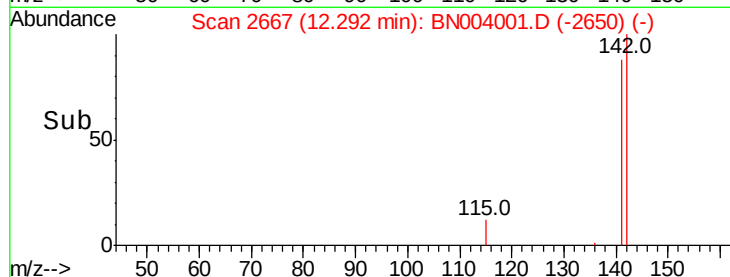
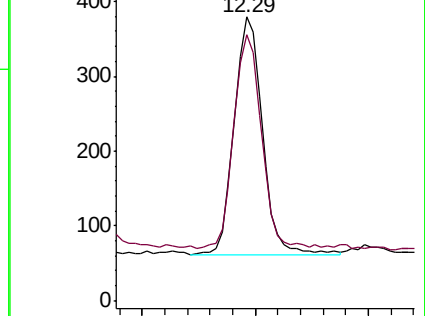
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.289 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

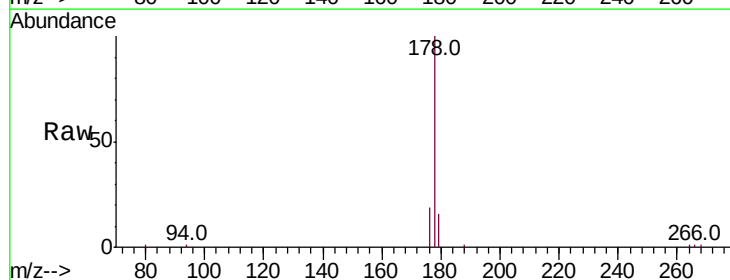
Tgt Ion:178 Resp: 12583

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

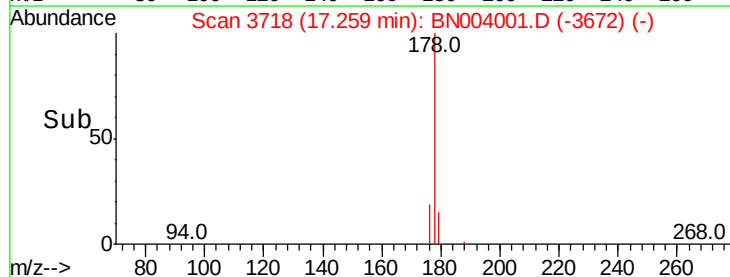
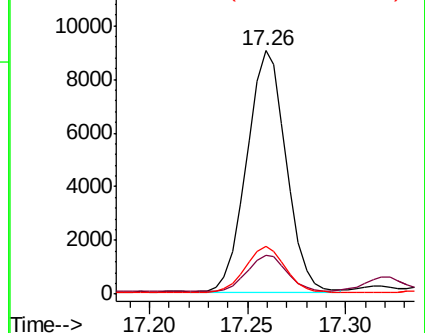
176 19.4 15.0 22.4

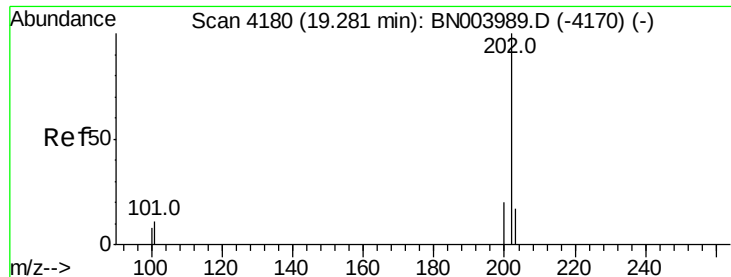


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.061 ng/ul m

RT: 19.28 min Scan# 4179

Delta R.T. -0.01 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

Instrument :

BNA_N

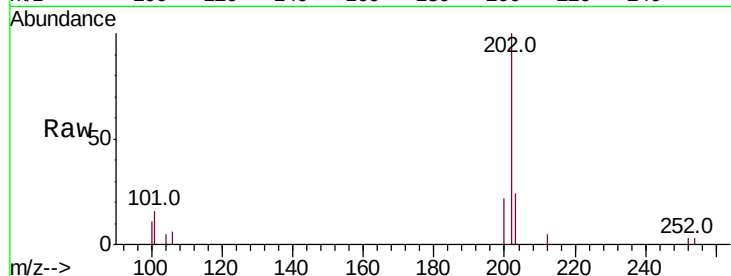
ClientSampled :

F9E92

Tot Ion:	202	Resp:	3123
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	30.7
100	11.4	0.0	28.1

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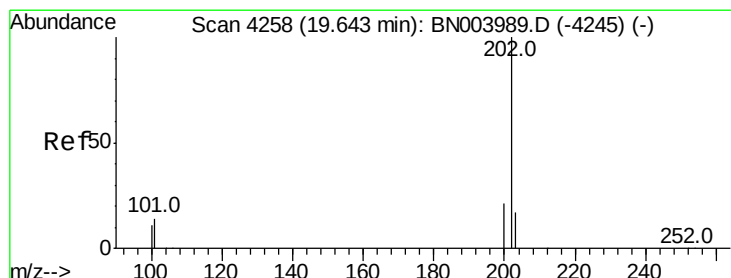
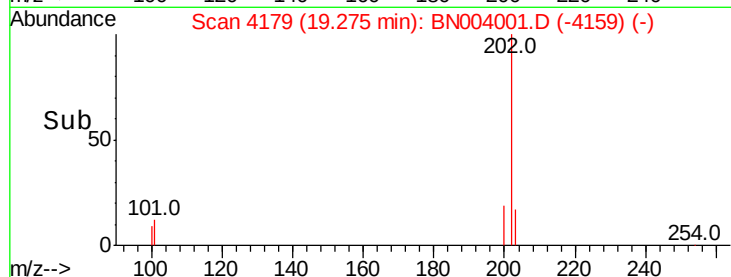
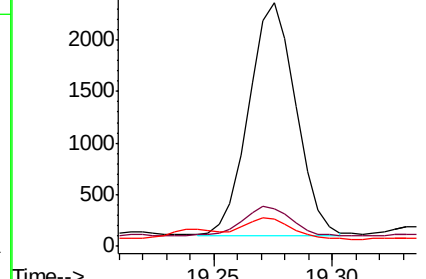
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.172 ng/ul m

RT: 19.64 min Scan# 4258

Delta R.T. -0.00 min

Lab File: BN004001.D

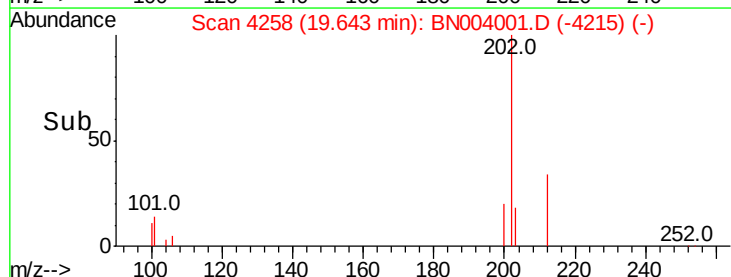
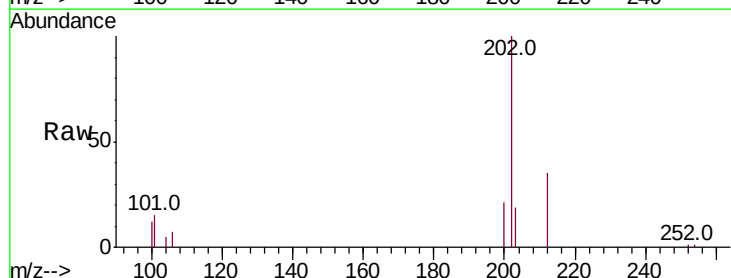
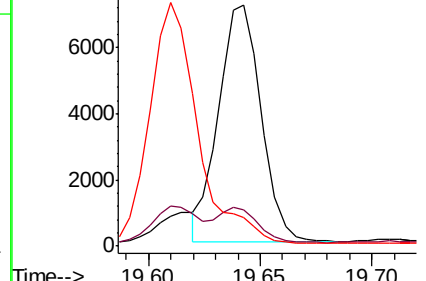
Acq: 16 Dec 2018 18:44

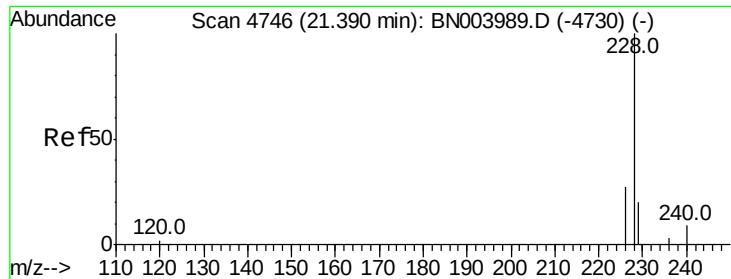
Tgt Ion:	202	Resp:	9639
Ion Ratio	Lower	Upper	
202	100		
101	15.2	10.3	15.5
100	11.9	8.5	12.7

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





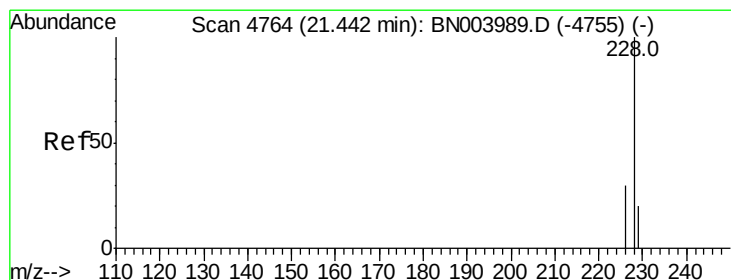
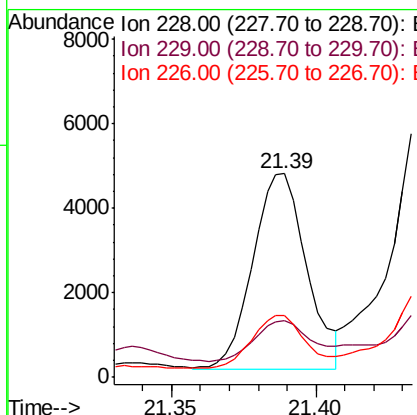
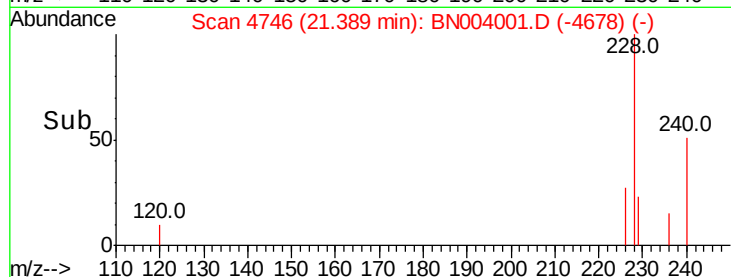
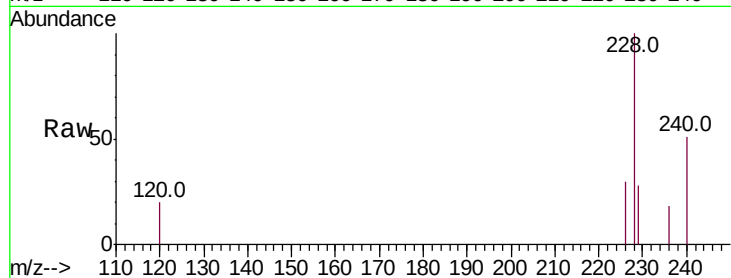
#18
Benzo(a)anthracene
Concen: 0.121 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. -0.00 min
Lab File: BN004001.D
Acq: 16 Dec 2018 18:44

Instrument :
BNA_N
ClientSampled :
F9E92

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.9	15.6	23.4#
226	30.2	21.1	31.7

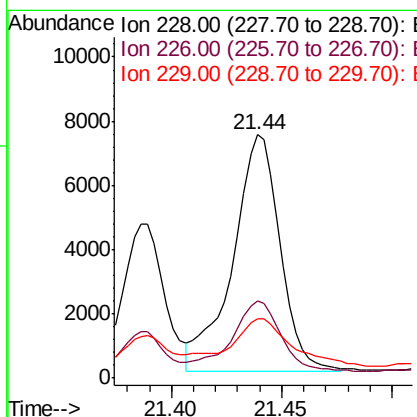
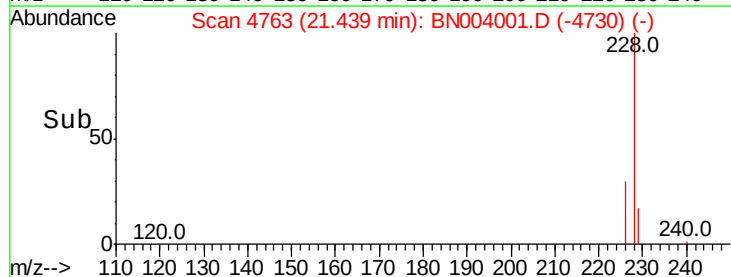
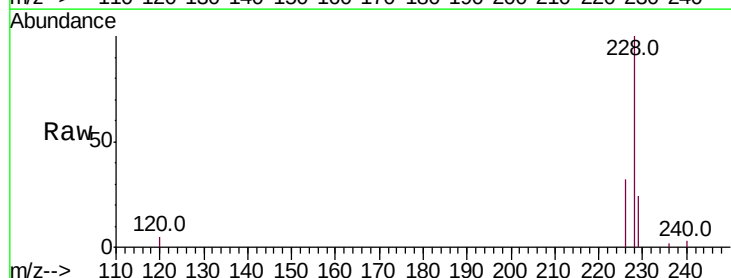
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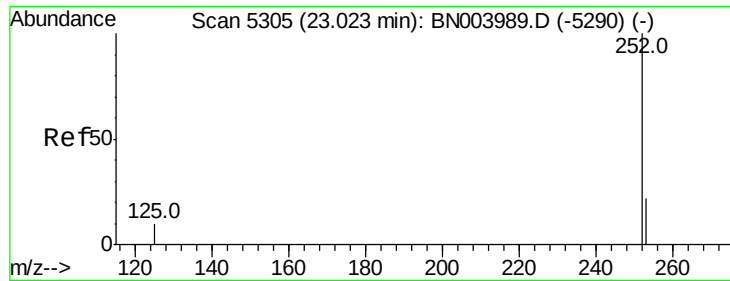
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#19
Chrysene
Concen: 0.192 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004001.D
Acq: 16 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	24.5	15.7	23.5#





#21

Benzo(b)fluoranthene

Concen: 0.064 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

Instrument :

BNA_N

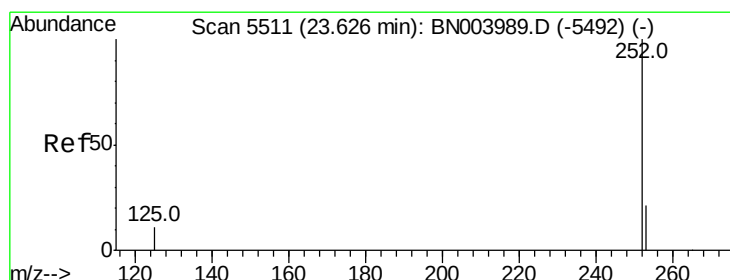
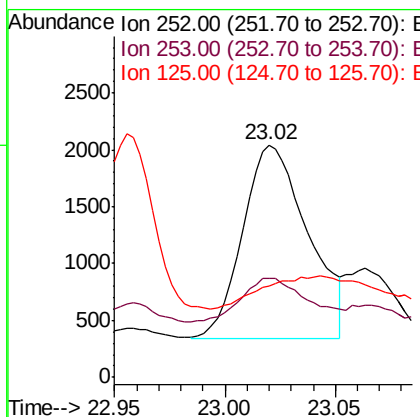
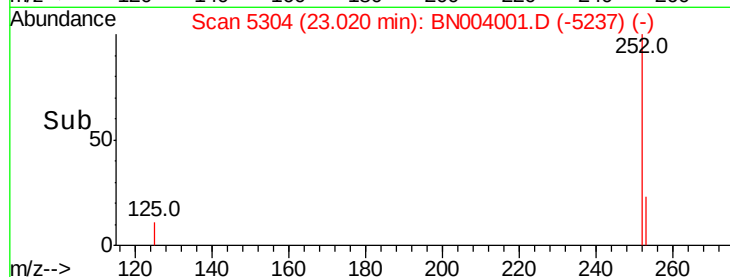
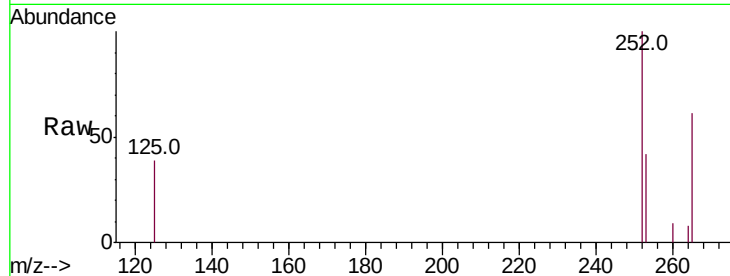
ClientSampled :

F9E92

Tot Ion:	252	Resp:	3527
Ion Ratio	Lower	Upper	
252	100		
253	42.4	0.0	46.0
125	39.0	0.0	22.4#

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#23

Benzo(a)pyrene

Concen: 0.067 ng/ul m

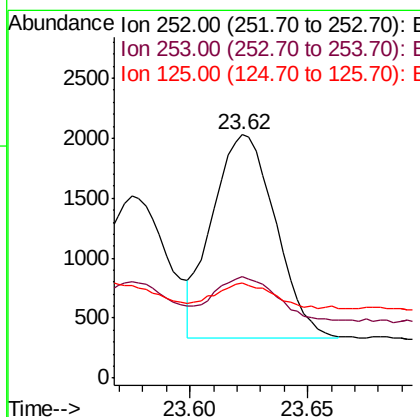
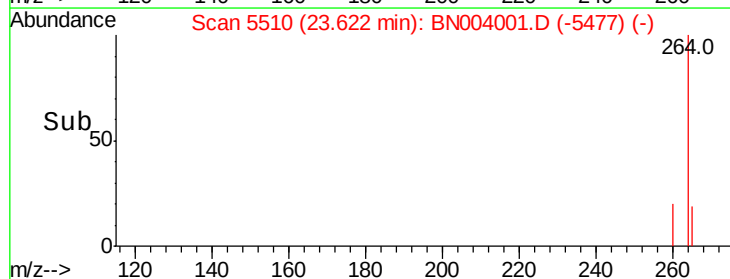
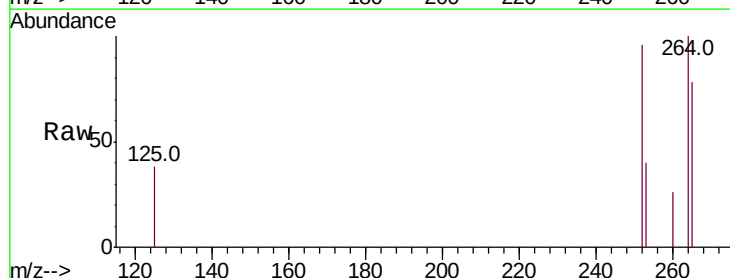
RT: 23.62 min Scan# 5510

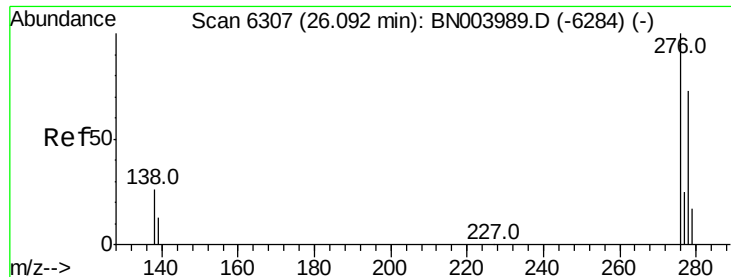
Delta R.T. -0.00 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

Tgt Ion:	252	Resp:	3183
Ion Ratio	Lower	Upper	
252	100		
253	41.9	19.0	28.4#
125	39.3	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng/ul m

RT: 26.09 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN004001.D

Acq: 16 Dec 2018 18:44

Instrument :

BNA_N

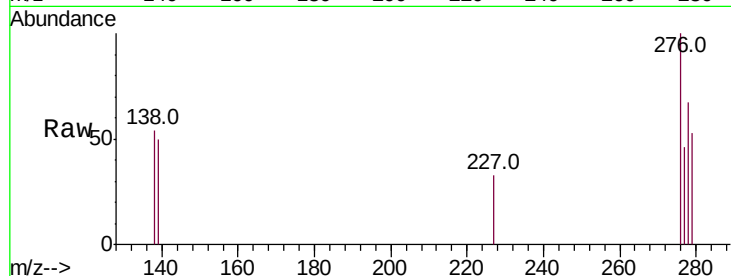
ClientSampled :

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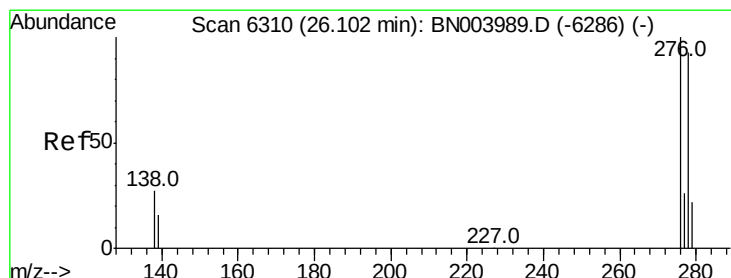
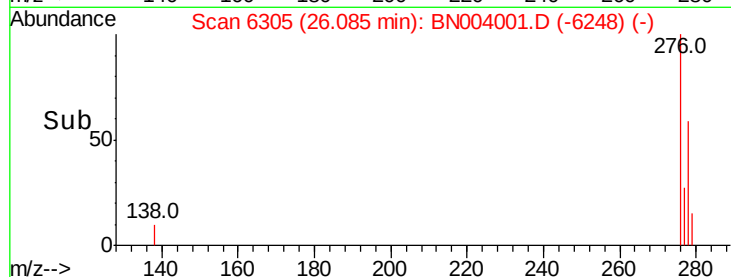
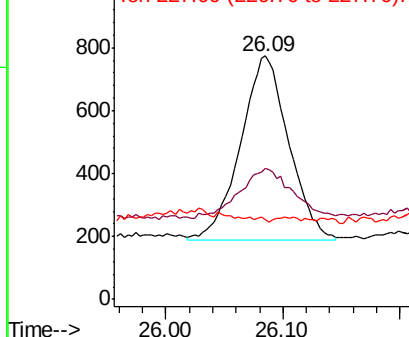
Tot Ion:	276	Resp:	1680
Ion Ratio	Lower	Upper	
276	100		
138	3.2	20.3	30.5#
227	0.0	0.2	0.2#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul m

RT: 26.09 min Scan# 6305

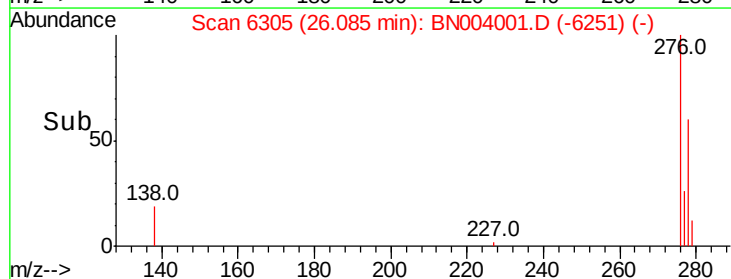
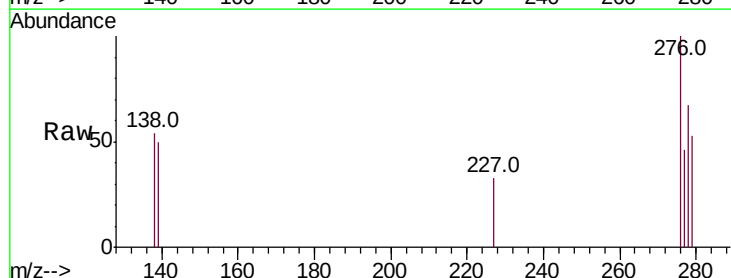
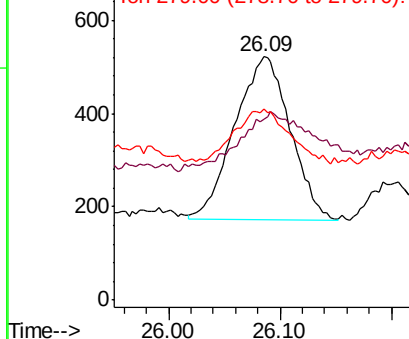
Delta R.T. -0.02 min

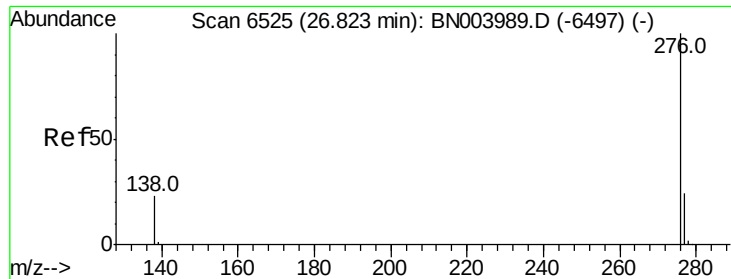
Lab File: BN004001.D

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Tgt Ion:	278	Resp:	1212
Ion Ratio	Lower	Upper	
278	100		
139	74.3	14.2	21.4#
279	78.7	19.8	29.6#

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





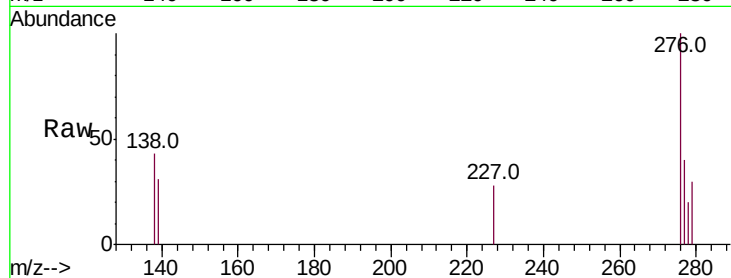
#26
 Benzo(a,h,i)perylene
 Concen: 0.051 ng/ul m
 RT: 26.82 min Scan# 6523
 Delta R.T. -0.01 min
 Lab File: BN004001.D
 Acq: 16 Dec 2018 18:44

Instrument :
 BNA_N
 ClientSampleId :
 F9E92

Tot Ion	Ratio	Lower	Upper
276	100		
138	43.3	17.7	26.5#
277	39.6	19.3	28.9#

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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

