

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004010.D
 Acq On : 17 Dec 2018 00:04
 Operator : JU/SJ
 Sample : J6228-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E51

Manual Integrations
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Quant Time: Dec 17 06:55:25 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 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9510	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5837	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14587m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16221m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14078m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3646	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11641m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	1093	0.059	ng/ul	99
7) Acenaphthylene	14.19	152	1402	0.053	ng/ul#	85
12) Phenanthrene	17.26	178	5347	0.112	ng/ul	96
13) Anthracene	17.35	178	1519m	0.039	ng/ul	
15) Fluoranthene	19.28	202	4106m	0.073	ng/ul	
17) Pyrene	19.64	202	8680m	0.149	ng/ul	
18) Benzo(a)anthracene	21.39	228	3385m	0.066	ng/ul	
19) Chrysene	21.44	228	5102m	0.087	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	6454m	0.111	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2385m	0.042	ng/ul	
23) Benzo(a)pyrene	23.62	252	3591	0.071	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	26.08	276	3598	0.062	ng/ul#	96
26) Benzo(g,h,i)perylene	26.82	276	3552	0.071	ng/ul#	77

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

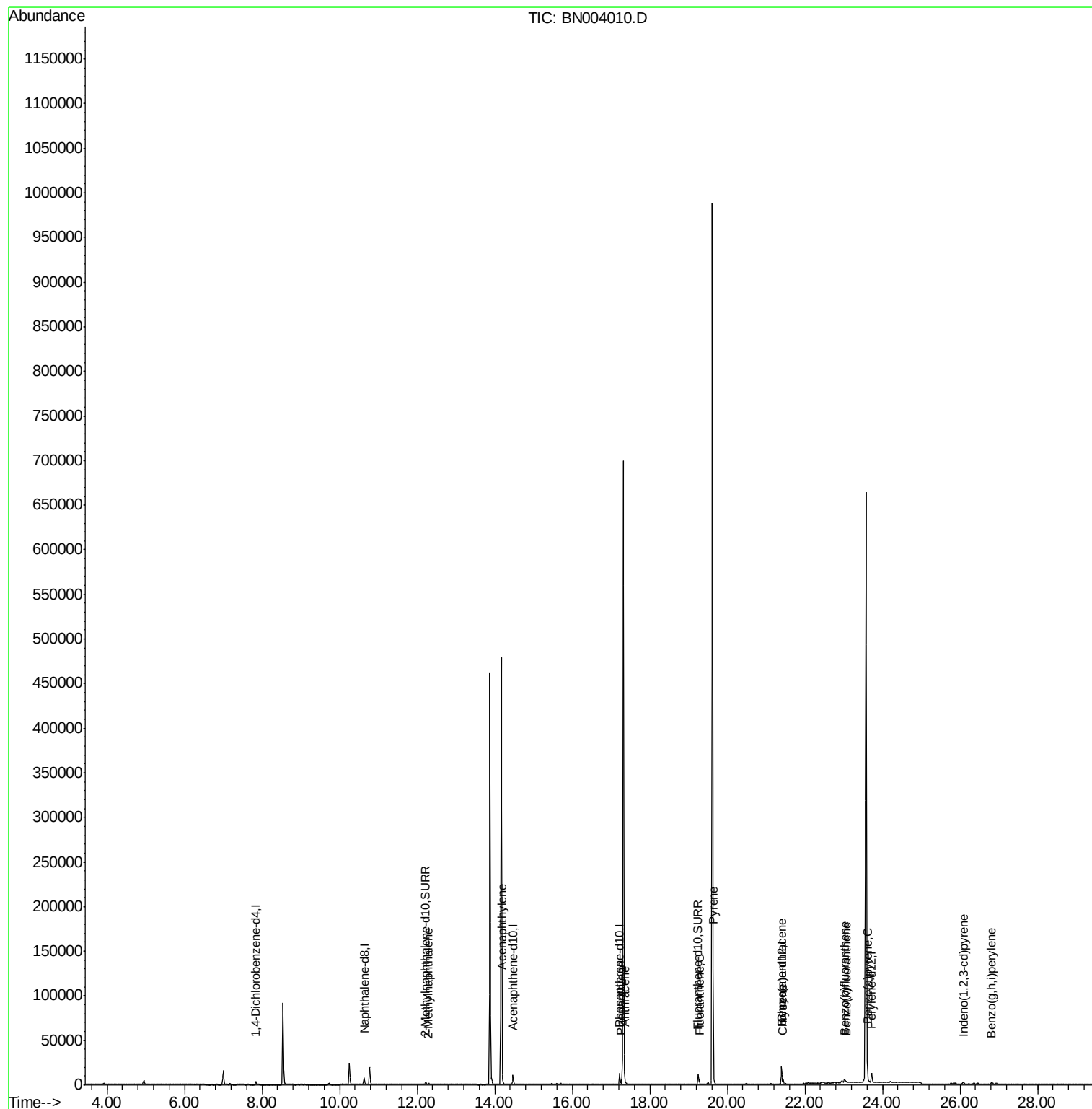
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004010.D
Acq On : 17 Dec 2018 00:04
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Sample : J6228-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

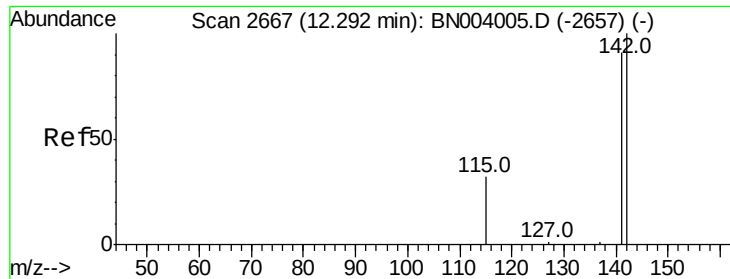
Instrument :
BNA_N
ClientSampleId :
F9E51

Quant Time: Dec 17 06:55:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

2-Methylnaphthalene

Concen: 0.059 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Instrument :

BNA_N

ClientSampled :

F9E51

Tot Ion:142 Resp: 1093

Ion Ratio Lower Upper

142 100

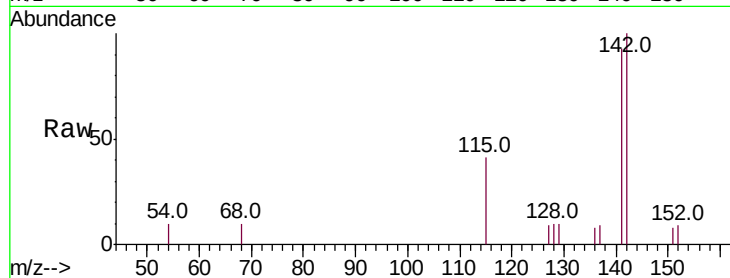
141 90.5 71.5 107.3

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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

800

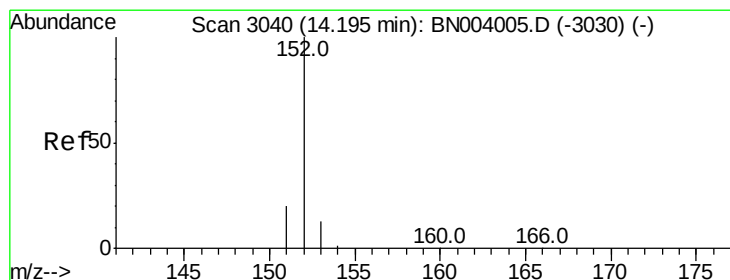
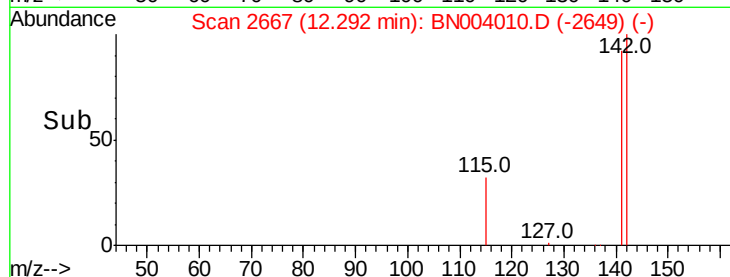
600

400

200

0

Time--> 12.20 12.30



#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

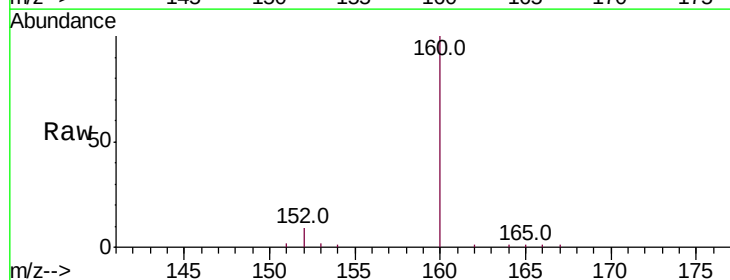
Tgt Ion:152 Resp: 1402

Ion Ratio Lower Upper

152 100

151 26.3 15.9 23.9#

153 20.6 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.19

1200

1000

800

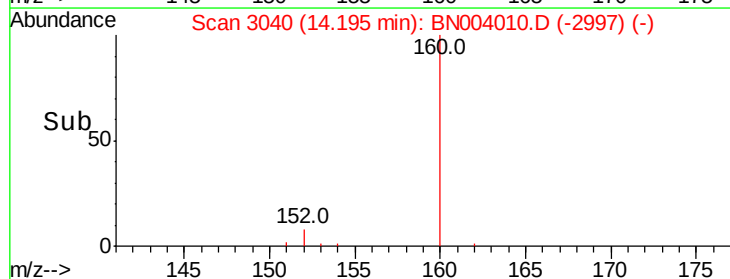
600

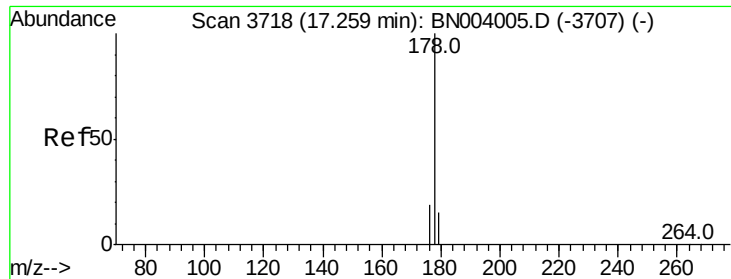
400

200

0

Time--> 14.10 14.20 14.30





#12

Phenanthrene

Concen: 0.112 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004010.D

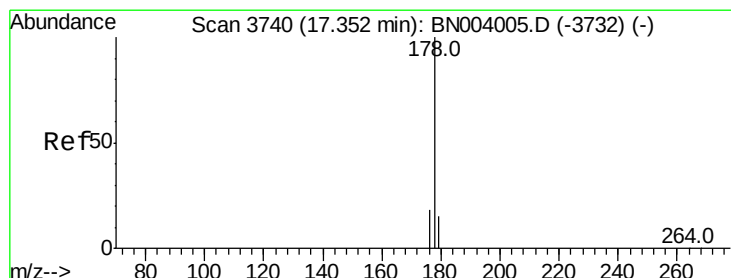
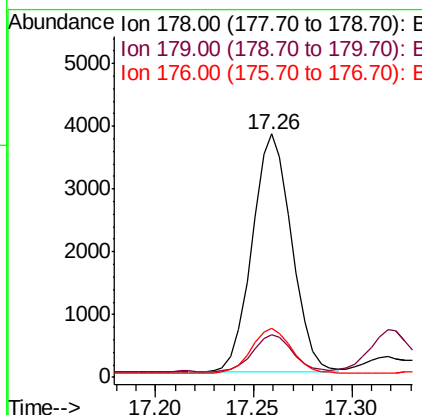
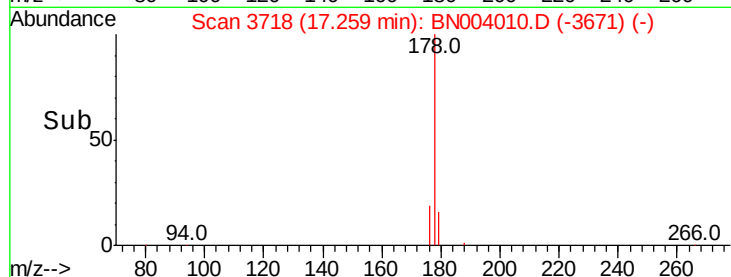
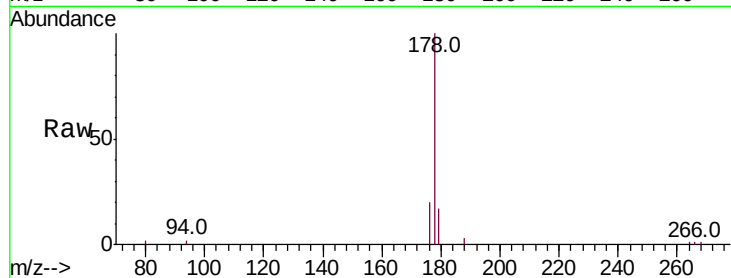
Acq: 17 Dec 2018 00:04

Instrument :
BNA_N
ClientSampled :
F9E51

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.5	18.7
176	19.9	15.0	22.4

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#13

Anthracene

Concen: 0.039 ng/ul m

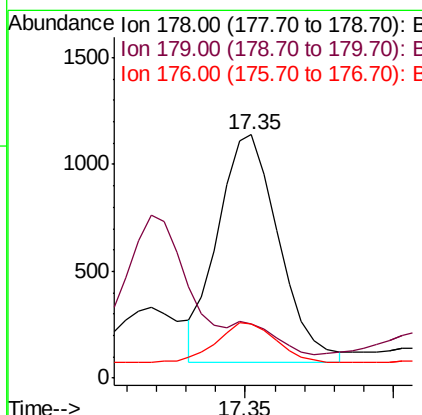
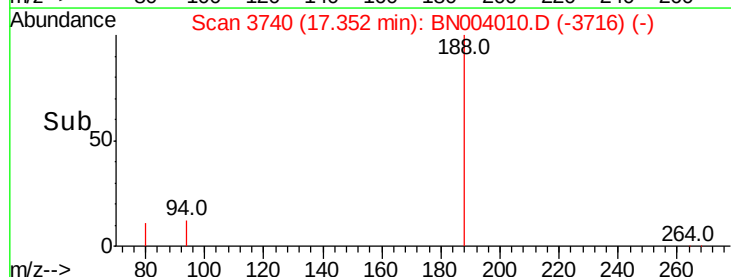
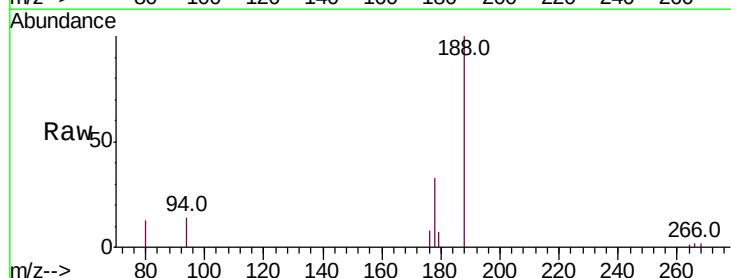
RT: 17.35 min Scan# 3740

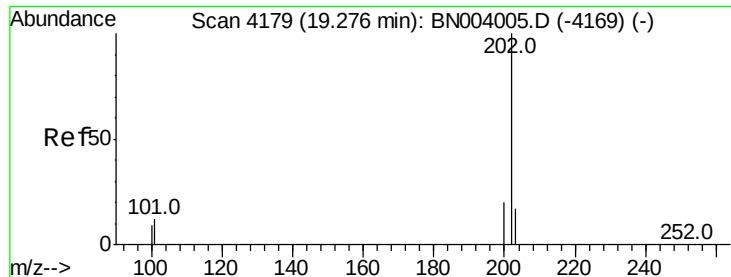
Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.0	12.3	18.5#
176	22.5	14.8	22.2#





#15

Fluoranthene

Concen: 0.073 ng/ul m

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Instrument :

BNA_N

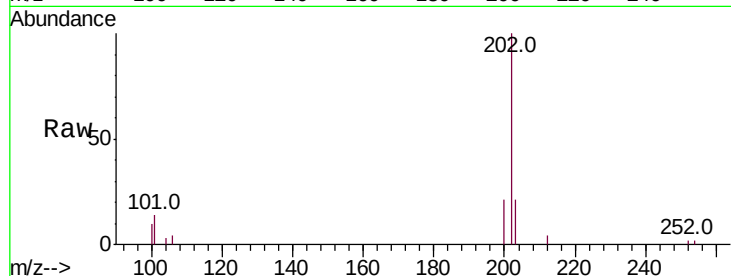
ClientSampled :

F9E51

Tot Ion:	202	Resp:	4106
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.7
100	10.3	0.0	28.1

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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

19.28

3000

2000

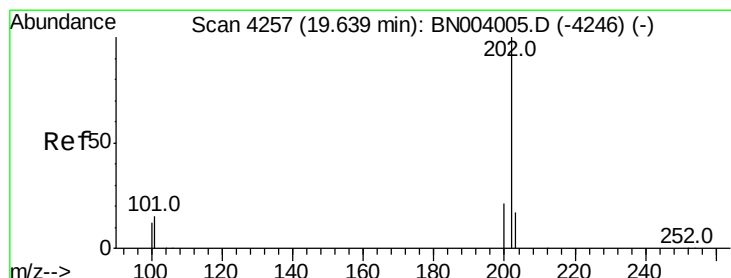
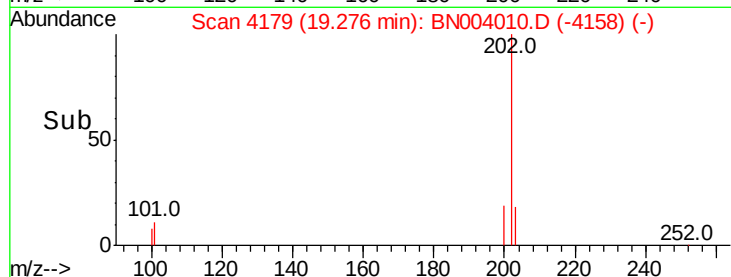
1000

0

19.25

19.30

Time-->



#17

Pyrene

Concen: 0.149 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Tgt Ion:	202	Resp:	8680
Ion Ratio	Lower	Upper	
202	100		
101	16.3	10.3	15.5#
100	13.5	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

19.64

10000

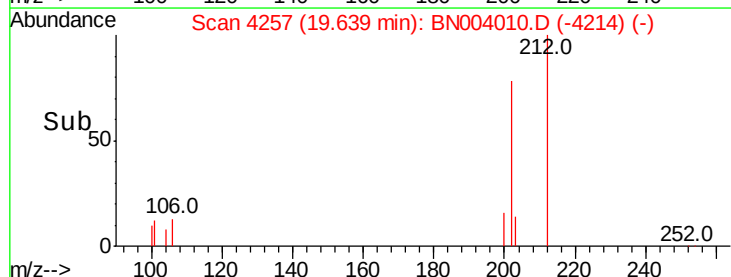
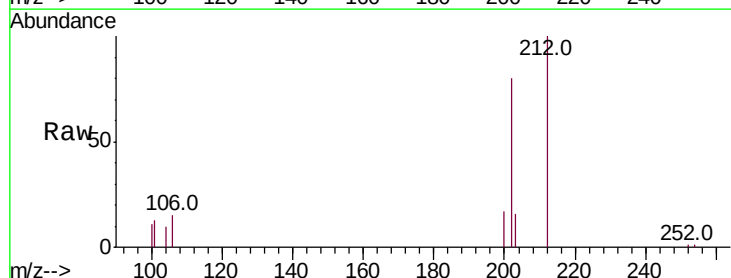
5000

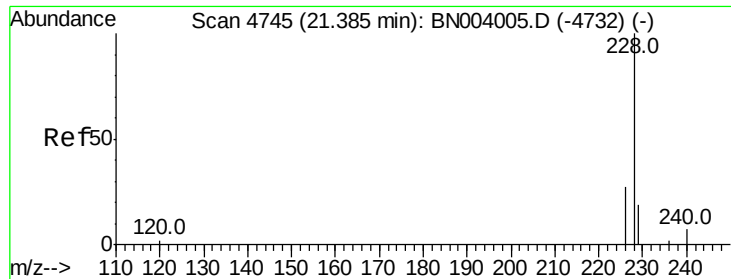
0

19.60

19.65

Time-->





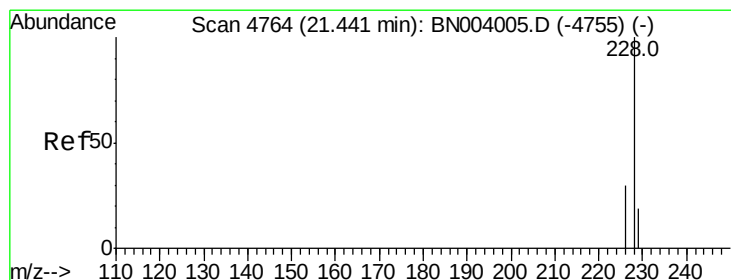
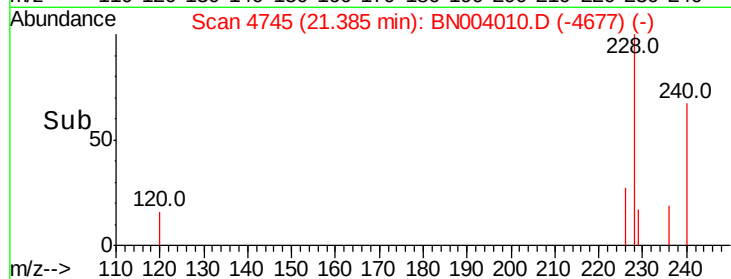
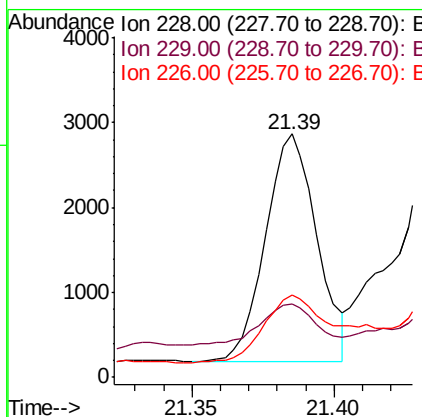
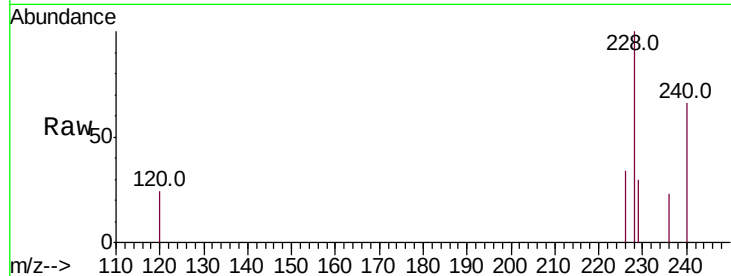
#18
Benzo(a)anthracene
Concen: 0.066 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004010.D
Acq: 17 Dec 2018 00:04

Instrument :
BNA_N
ClientSampled :
F9E51

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.0	15.6	23.4#
226	33.7	21.1	31.7#

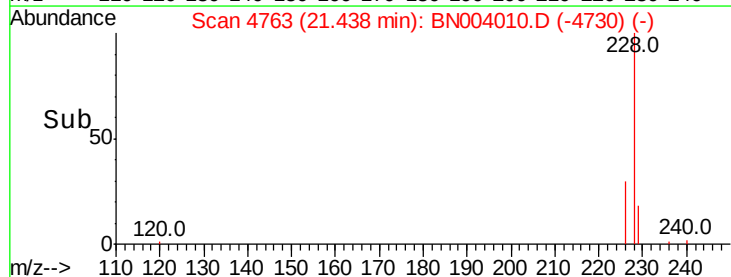
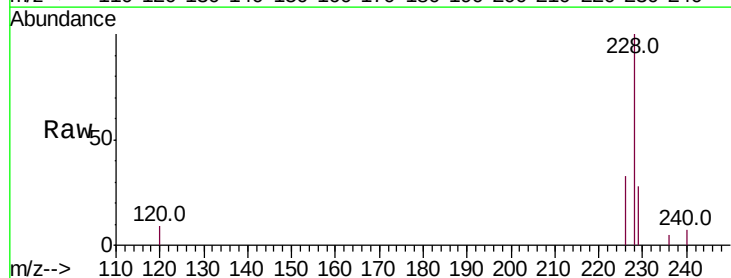
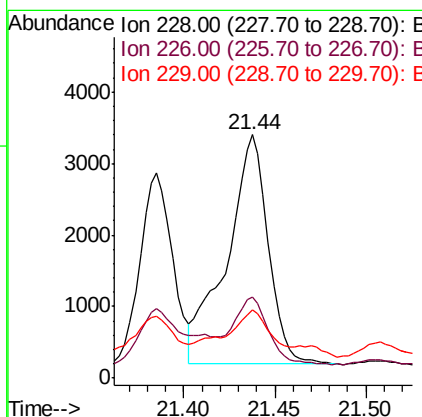
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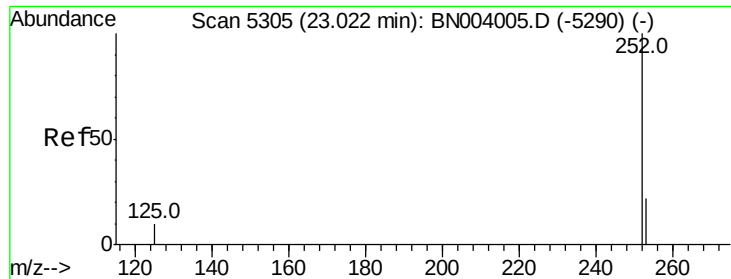
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#19
Chrysene
Concen: 0.087 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004010.D
Acq: 17 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	27.9	15.7	23.5#





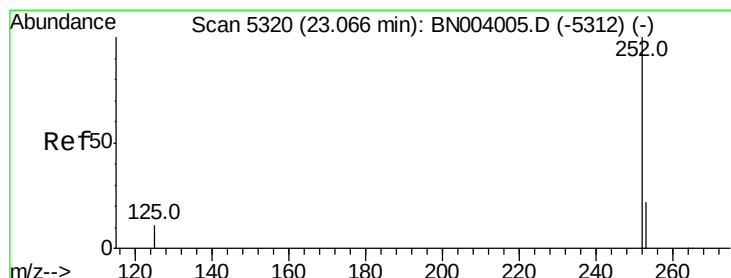
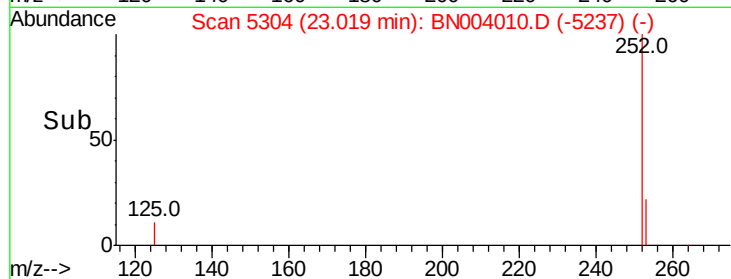
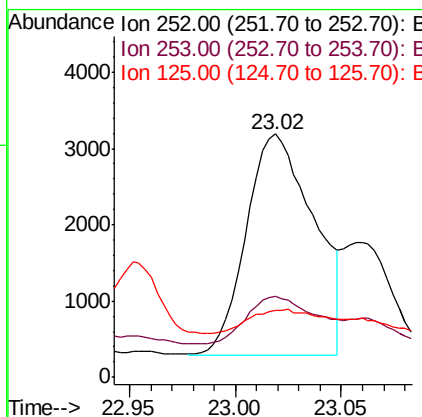
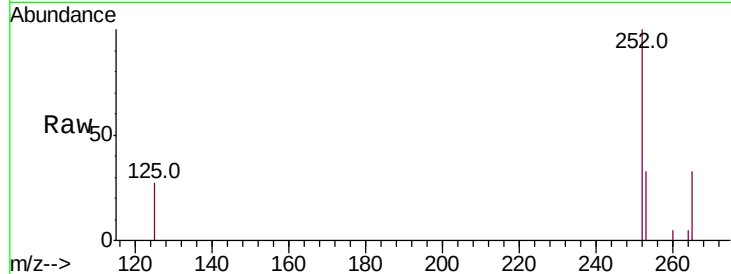
#21
Benzo(b)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. -0.00 min
Lab File: BN004010.D
Acq: 17 Dec 2018 00:04

Instrument :
BNA_N
ClientSampled :
F9E51

Tot Ion:252 Resp: 6454
Ion Ratio Lower Upper
252 100
253 33.4 0.0 46.0
125 27.3 0.0 22.4#

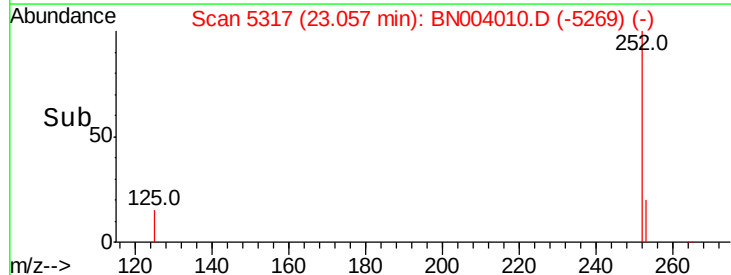
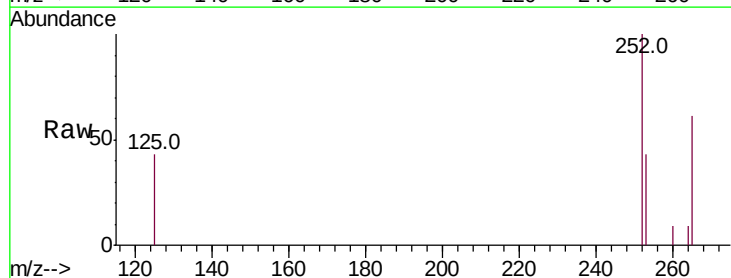
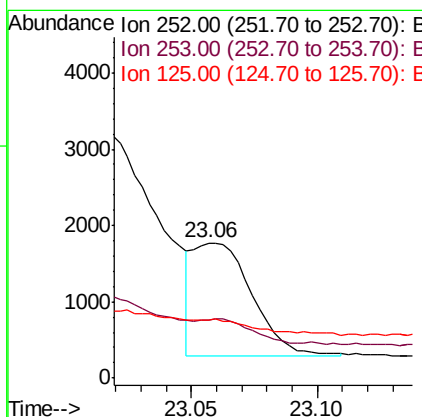
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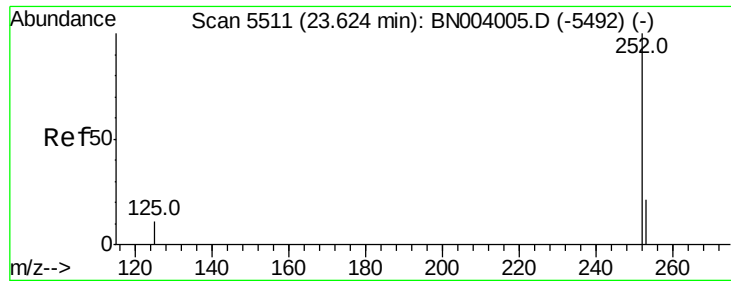
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#22
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004010.D
Acq: 17 Dec 2018 00:04

Tgt Ion:252 Resp: 2385
Ion Ratio Lower Upper
252 100
253 43.1 18.5 27.7#
125 43.3 9.0 13.6#





#23

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Instrument :

BNA_N

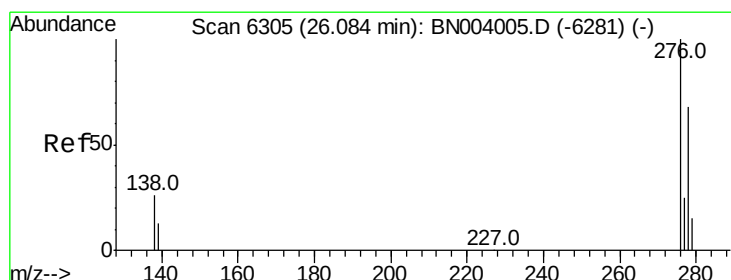
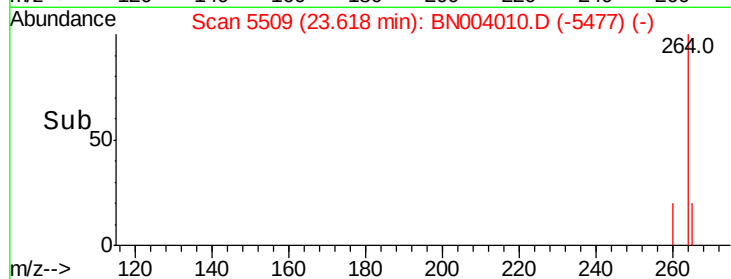
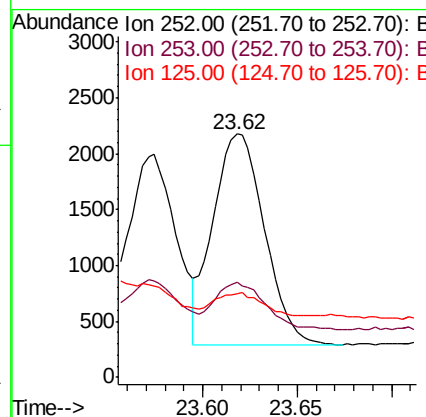
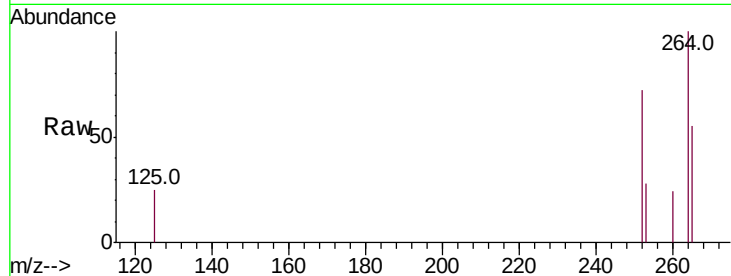
ClientSampled :

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Tot Ion:	252	Resp:	3591
Ion Ratio	Lower	Upper	
252	100		
253	39.1	19.0	28.4#
125	34.5	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.062 ng/ul

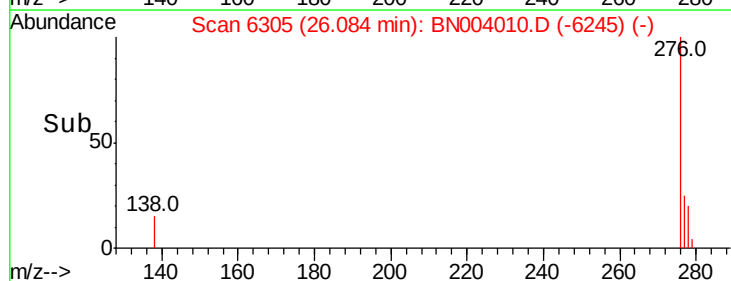
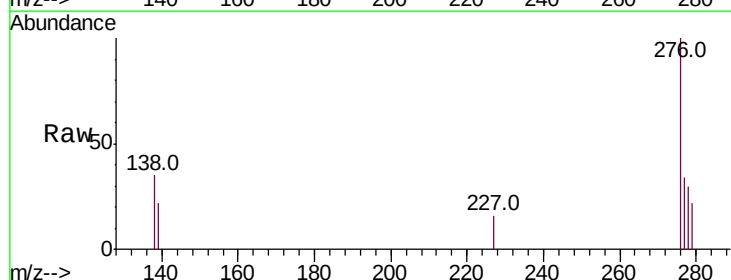
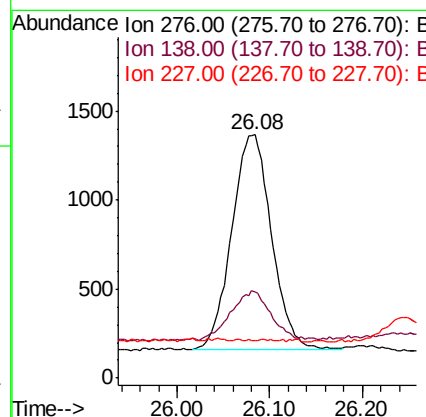
RT: 26.08 min Scan# 6305

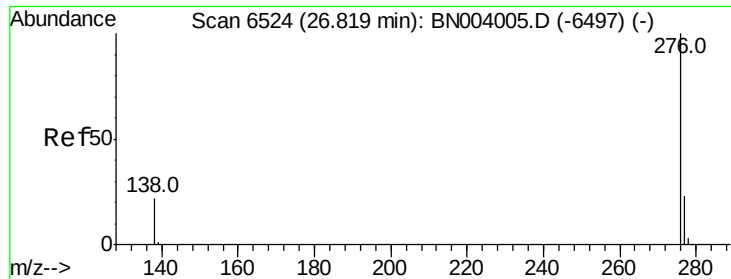
Delta R.T. -0.00 min

Lab File: BN004010.D

Acq: 17 Dec 2018 00:04

Tgt Ion:	276	Resp:	3598
Ion Ratio	Lower	Upper	
276	100		
138	23.2	20.3	30.5
227	0.6	0.2	0.2#





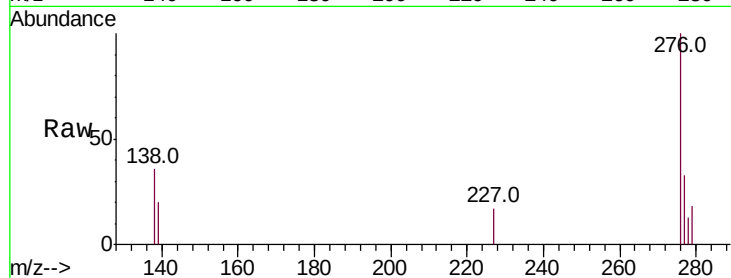
#26
 Benzo(a,h,i)perylene
 Concen: 0.071 ng/ul
 RT: 26.82 min Scan# 6523
 Delta R.T. -0.00 min
 Lab File: BN004010.D
 Acq: 17 Dec 2018 00:04

Instrument :
 BNA_N
 ClientSampleId :
 F9E51

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	17.7	26.5#
277	33.1	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

