

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004055.D
 Acq On : 18 Dec 2018 02:38
 Operator : JU/SJ
 Sample : J6270-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E02

Manual Integrations
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Quant Time: Dec 18 07:12:34 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 06:35:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1666	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5101	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13031m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14393m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12668m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4063	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13887m	0.36	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	629	0.027	ng/ul#	64
12) Phenanthrene	17.26	178	2095m	0.049	ng/ul	
15) Fluoranthene	19.28	202	3380m	0.067	ng/ul	
17) Pyrene	19.64	202	2879	0.056	ng/ul#	84
18) Benzo(a)anthracene	21.38	228	2439m	0.054	ng/ul	
19) Chrysene	21.44	228	2528m	0.049	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	4957m	0.095	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1729m	0.034	ng/ul	
23) Benzo(a)pyrene	23.62	252	2886m	0.064	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	3033m	0.058	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	2605m	0.058	ng/ul	

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

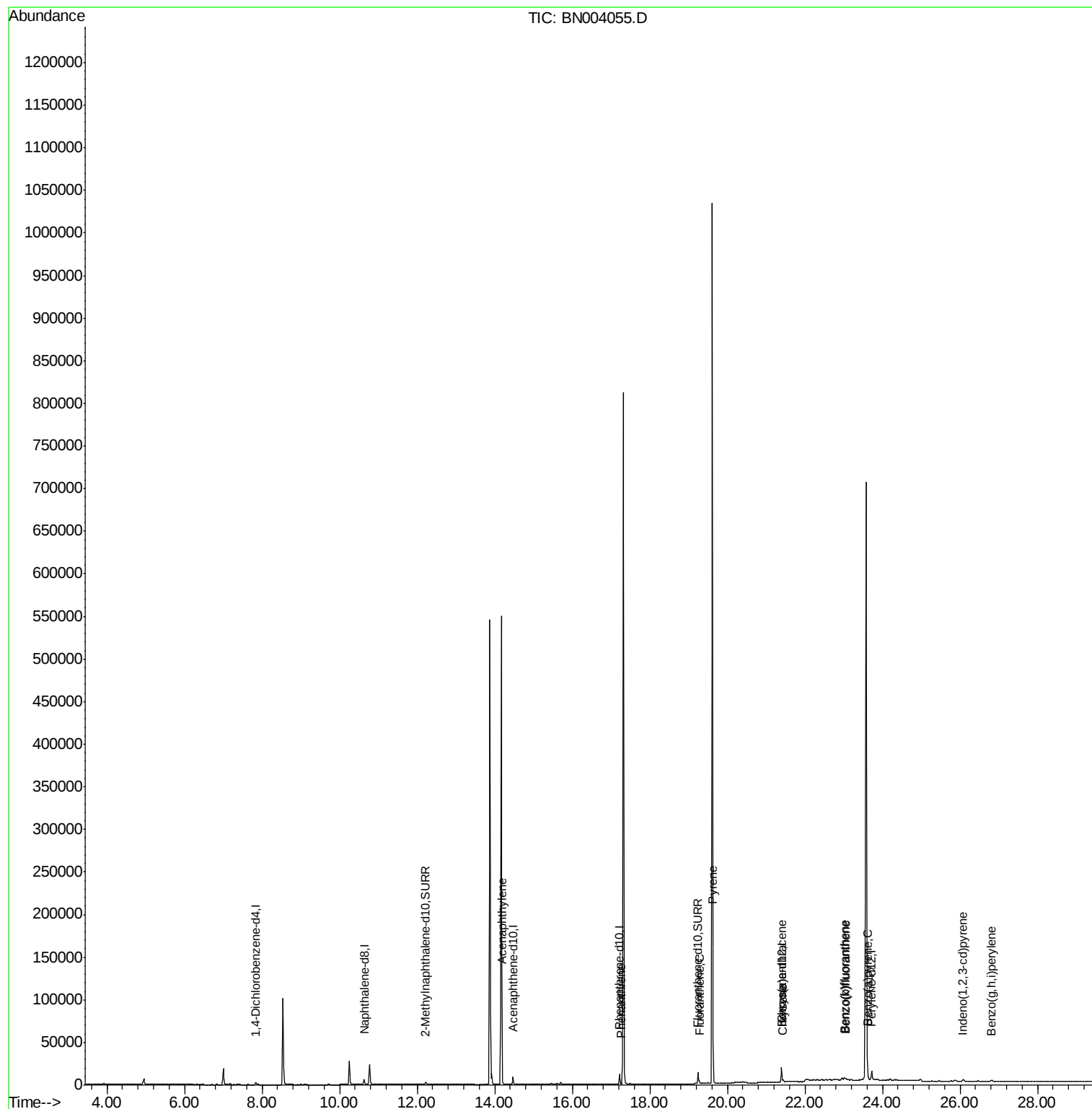
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004055.D
Acq On : 18 Dec 2018 02:38
Operator : JU/SJ
Sample : J6270-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

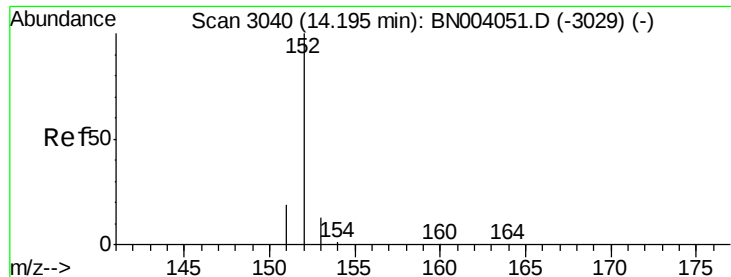
Instrument :
BNA_N
ClientSampleId :
F9E02

Quant Time: Dec 18 07:12:34 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 06:35:27 2018
Response via : Initial Calibration

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#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004055.D

Acq: 18 Dec 2018 02:38

Instrument :

BNA_N

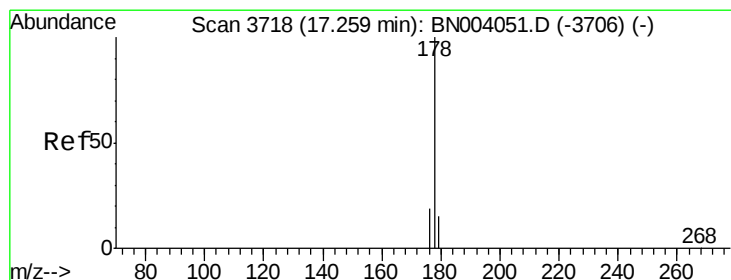
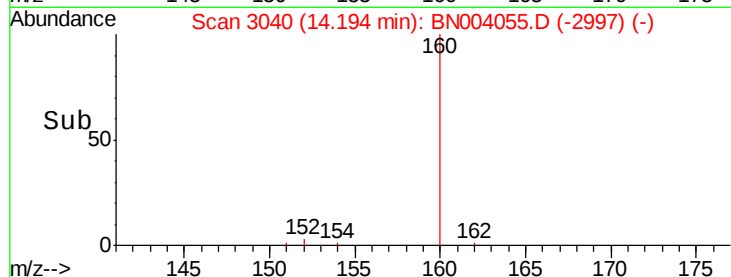
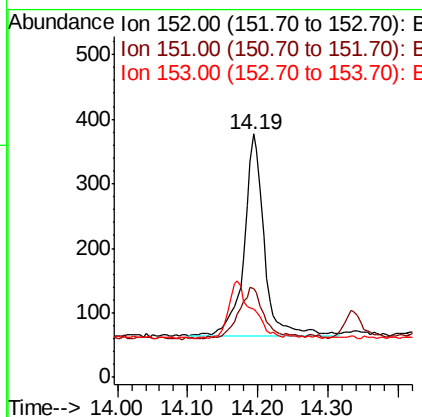
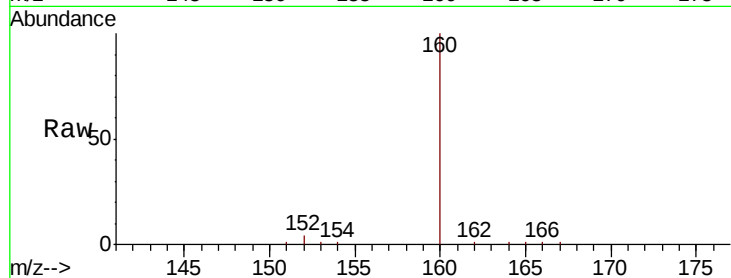
ClientSampleId :

F9E02

Tgt Ion:	152	Resp:	629
Ion Ratio	Lower	Upper	
152	100		
151	36.3	15.9	23.9#
153	28.1	10.7	16.1#

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#12

Phenanthrene

Concen: 0.049 ng/ul m

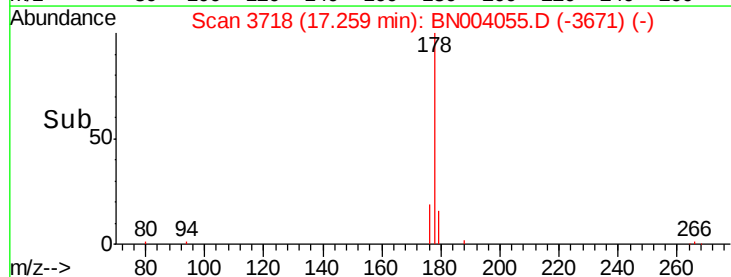
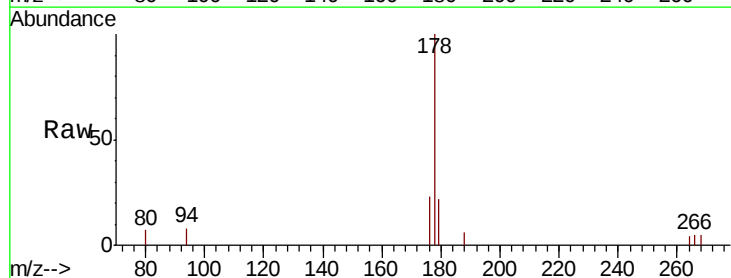
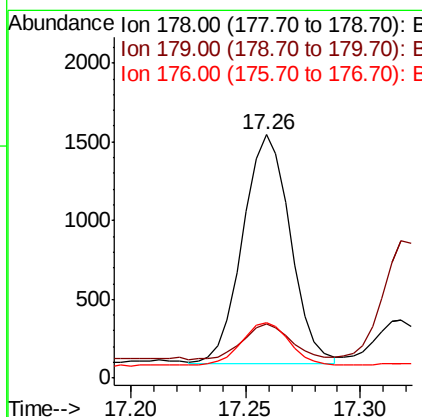
RT: 17.26 min Scan# 3718

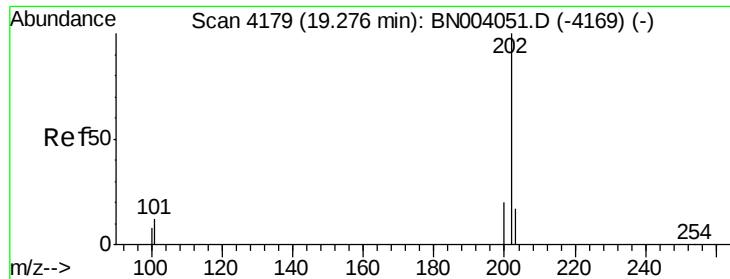
Delta R.T. -0.00 min

Lab File: BN004055.D

Acq: 18 Dec 2018 02:38

Tgt Ion:	178	Resp:	2095
Ion Ratio	Lower	Upper	
178	100		
179	22.2	12.5	18.7#
176	22.6	15.0	22.4#





#15

Fluoranthene

Concen: 0.067 ng/ul m

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN004055.D

Acq: 18 Dec 2018 02:38

Instrument :

BNA_N

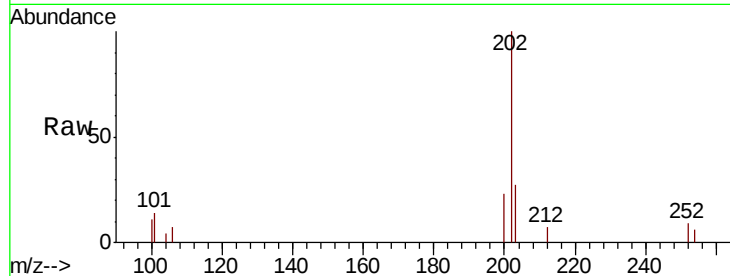
ClientSampleId :

F9E02

Tgt Ion:	202	Resp:	3380
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	30.7
100	10.6	0.0	28.1

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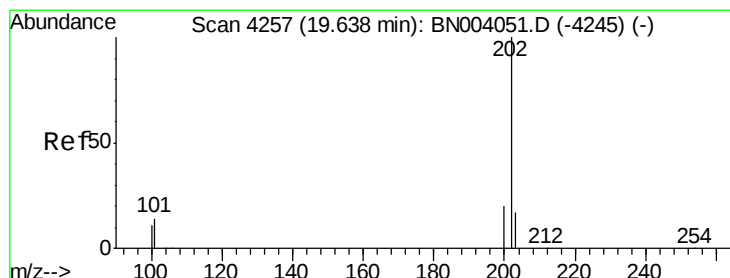
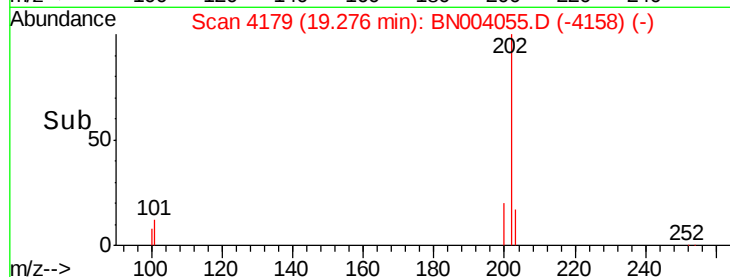
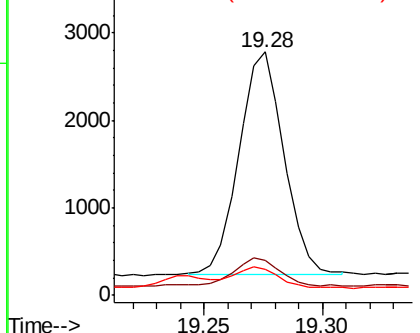
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.056 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004055.D

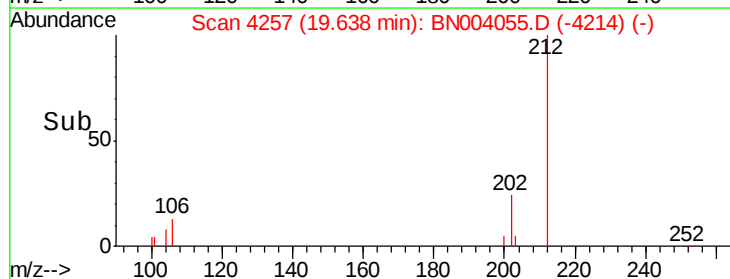
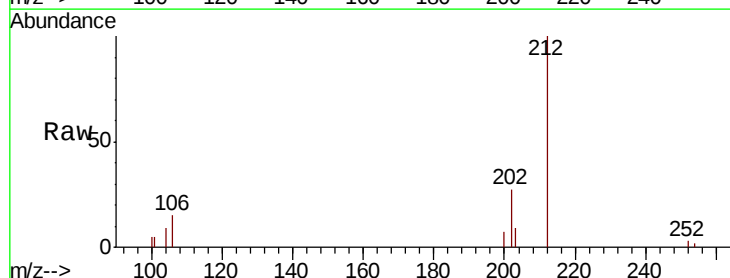
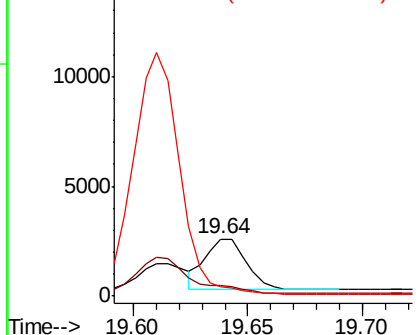
Acq: 18 Dec 2018 02:38

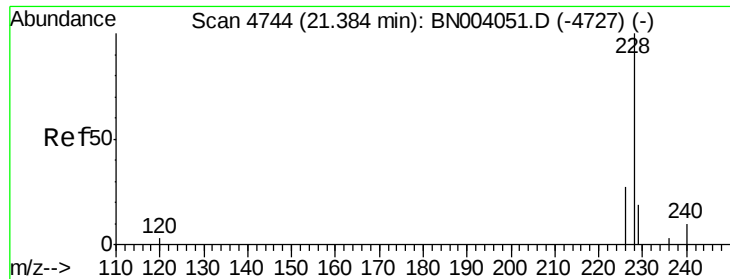
Tgt Ion:	202	Resp:	2879
Ion Ratio	Lower	Upper	
202	100		
101	18.8	10.3	15.5#
100	17.1	8.5	12.7#

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





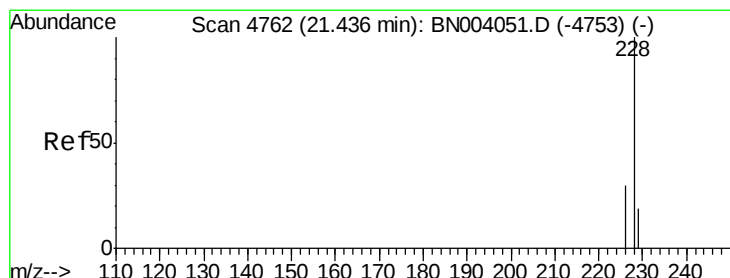
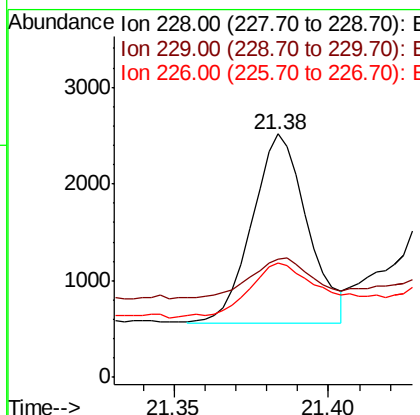
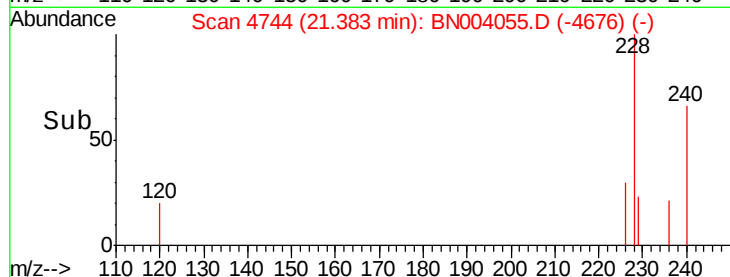
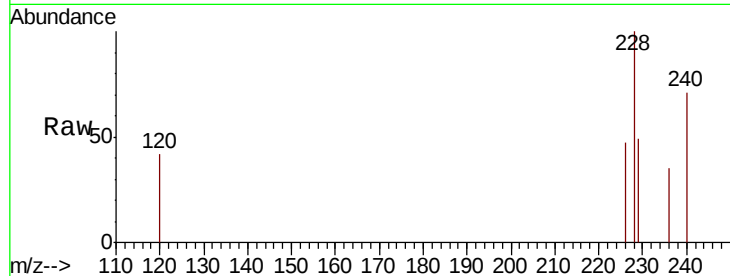
#18
Benzo(a)anthracene
Concen: 0.054 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004055.D
Acq: 18 Dec 2018 02:38

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	48.5	15.6	23.4#
226	47.1	21.1	31.7#

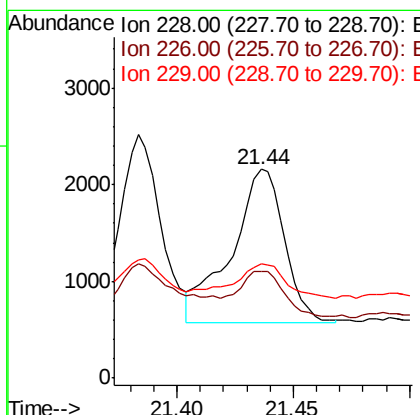
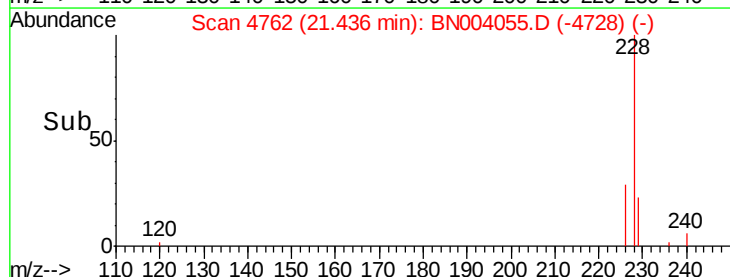
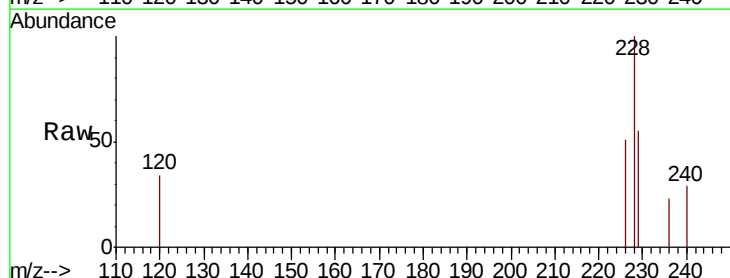
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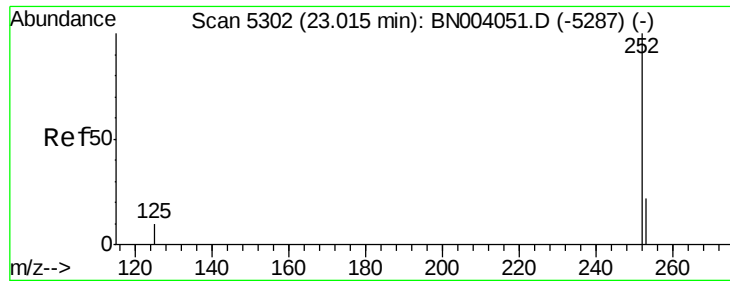
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#19
Chrysene
Concen: 0.049 ng/ul m
RT: 21.44 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004055.D
Acq: 18 Dec 2018 02:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.9	24.0	36.0#
229	55.0	15.7	23.5#





#21

Benzo(b)fluoranthene

Concen: 0.095 ng/ul m

RT: 23.02 min Scan# 5303

Delta R.T. 0.00 min

Lab File: BN004055.D

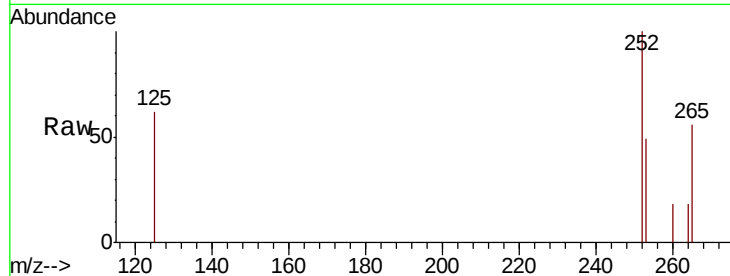
Acq: 18 Dec 2018 02:38

Instrument :

BNA_N

ClientSampleId :

F9E02



Tgt Ion: 252 Resp: 4957

Ion Ratio Lower Upper

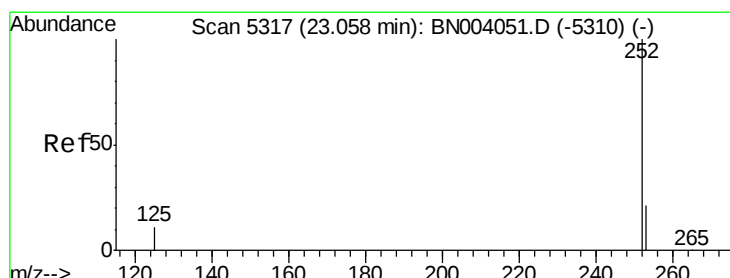
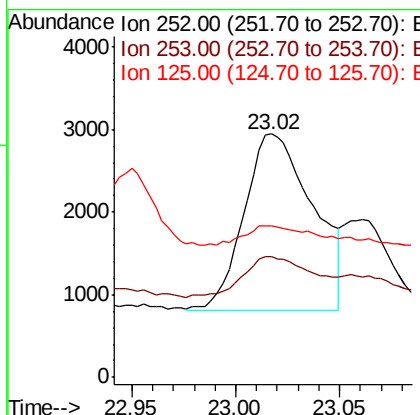
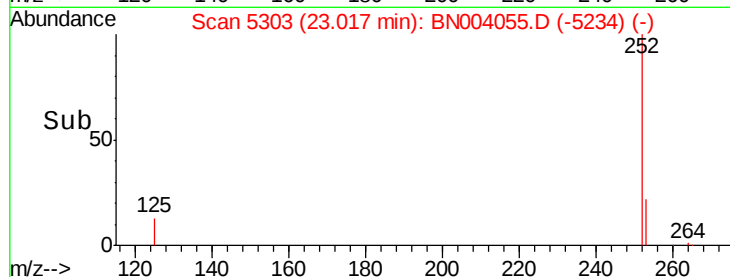
252 100

253 49.5 0.0 46.0#

125 62.1 0.0 22.4#

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#22

Benzo(k)fluoranthene

Concen: 0.034 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. 0.00 min

Lab File: BN004055.D

Acq: 18 Dec 2018 02:38

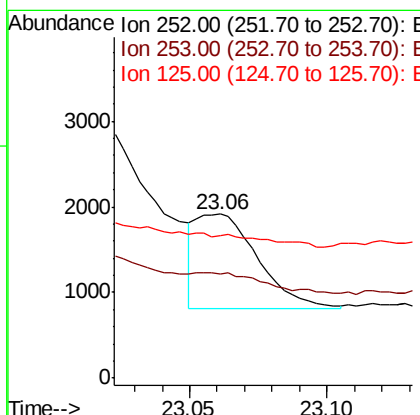
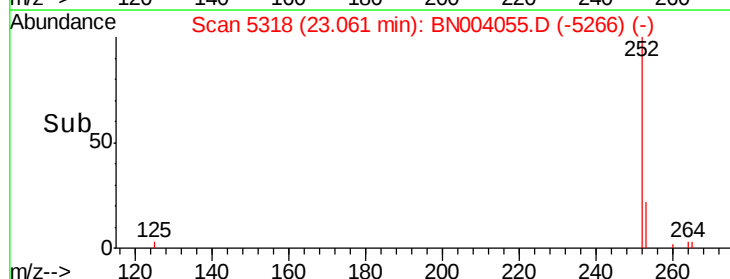
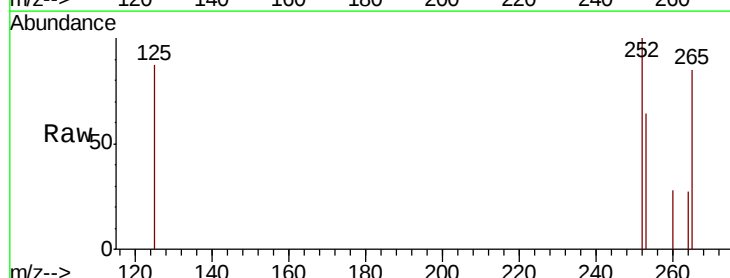
Tgt Ion: 252 Resp: 1729

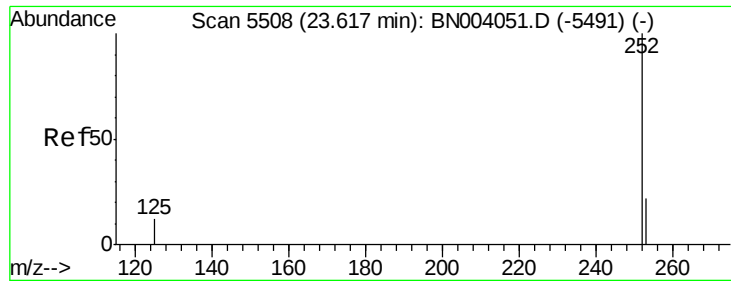
Ion Ratio Lower Upper

252 100

253 63.7 18.5 27.7#

125 87.0 9.0 13.6#





#23

Benzo(a)pyrene

Concen: 0.064 ng/ul m

RT: 23.62 min Scan# 5510

Delta R.T. 0.01 min

Lab File: BN004055.D

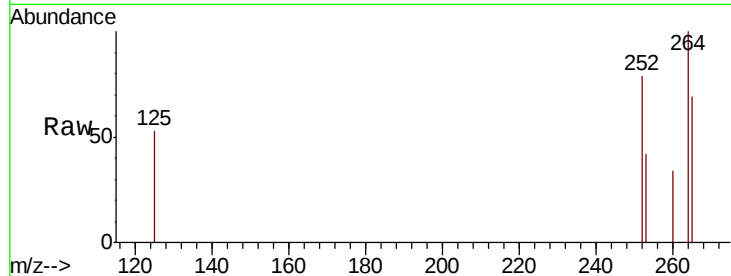
Acq: 18 Dec 2018 02:38

Instrument :

BNA_N

ClientSampleId :

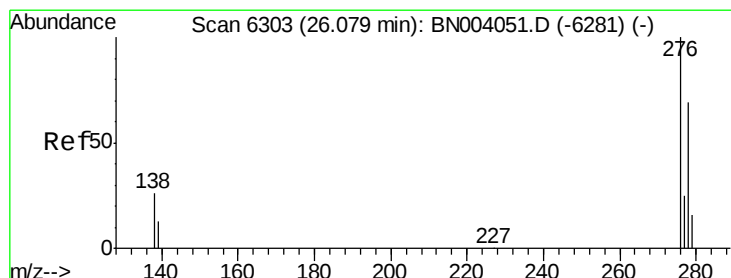
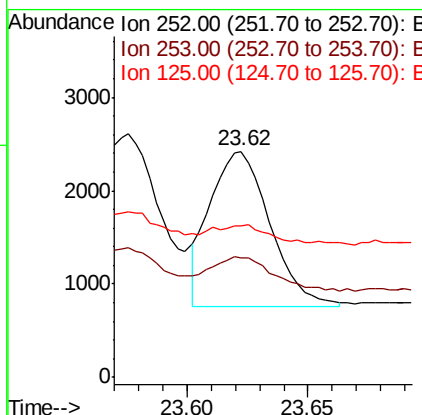
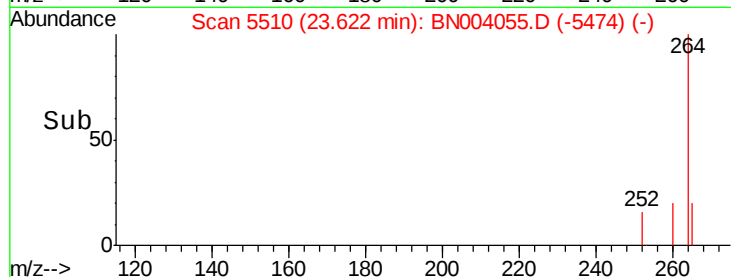
F9E02



Tgt Ion:	252	Resp:	2886
Ion Ratio	Lower	Upper	
252	100		
253	52.7	19.0	28.4#
125	67.2	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.058 ng/ul m

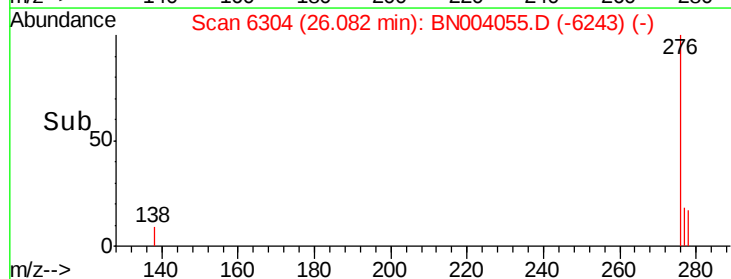
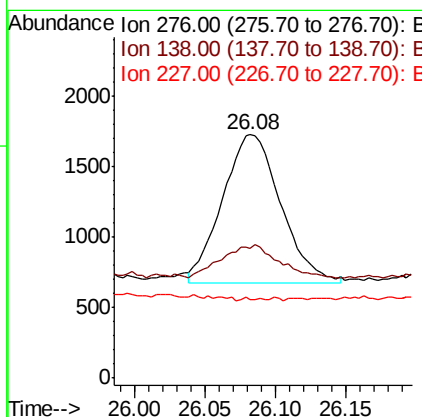
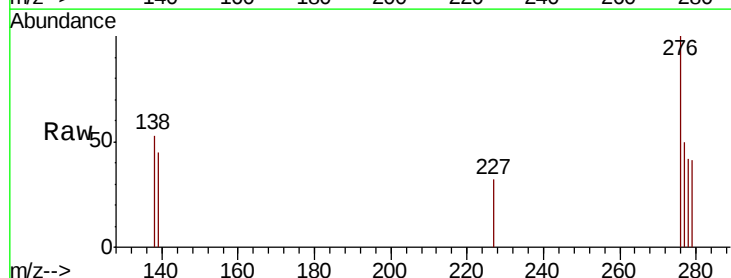
RT: 26.08 min Scan# 6304

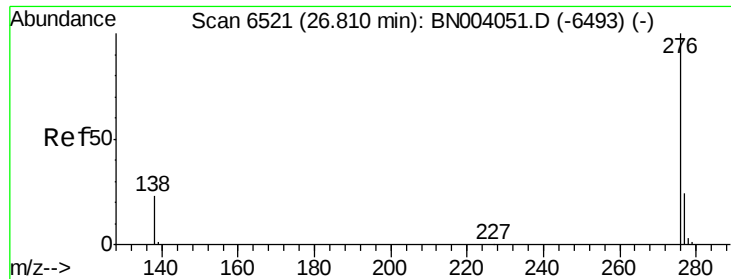
Delta R.T. 0.00 min

Lab File: BN004055.D

Acq: 18 Dec 2018 02:38

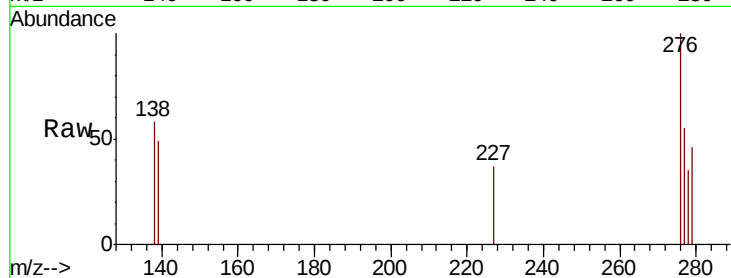
Tgt Ion:	276	Resp:	3033
Ion Ratio	Lower	Upper	
276	100		
138	0.0	20.3	30.5#
227	0.2	0.2	0.2





#26
Benzo(g,h,i)perylene
Concen: 0.058 ng/u1 m
RT: 26.82 min Scan# 6523
Delta R.T. 0.01 min
Lab File: BN004055.D
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Instrument :
BNA_N
ClientSampleId :
F9E02



Tgt Ion:	276	Resp:	2605
Ion Ratio	Lower	Upper	
276	100		
138	58.0	17.7	26.5#
277	54.8	19.3	28.9#

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