

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003951.D
 Acq On : 15 Dec 2018 10:24
 Operator : JU/SJ
 Sample : J6227-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F34

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Quant Time: Dec 15 22:08:19 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 : Sat Dec 15 21:58:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2284	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10618	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6240	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	15111m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18090m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	16672m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3749	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10603m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	1057	0.051	ng/ul	97
12) Phenanthrene	17.25	178	5285	0.107	ng/ul	97
13) Anthracene	17.34	178	982m	0.024	ng/ul	
15) Fluoranthene	19.27	202	2013m	0.034	ng/ul	
17) Pyrene	19.63	202	6435m	0.099	ng/ul	
18) Benzo(a)anthracene	21.38	228	3632m	0.064	ng/ul	
19) Chrysene	21.43	228	5939m	0.091	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	2817m	0.041	ng/ul	
23) Benzo(a)pyrene	23.61	252	2805m	0.047	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.06	276	1785m	0.026	ng/ul	
26) Benzo(g,h,i)perylene	26.79	276	2814m	0.047	ng/ul	

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

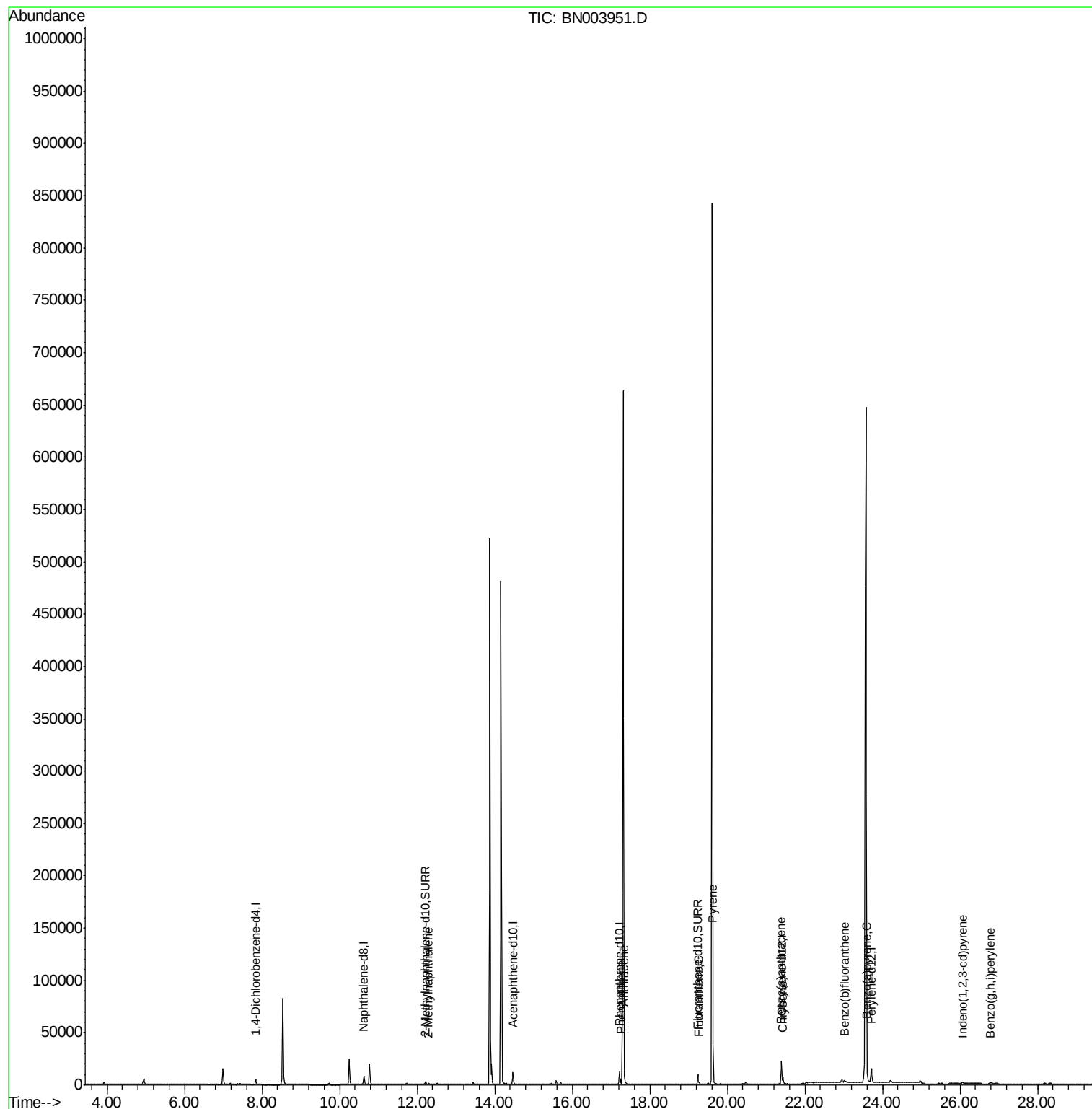
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003951.D
Acq On : 15 Dec 2018 10:24
Operator : JU/SJ
Sample : J6227-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

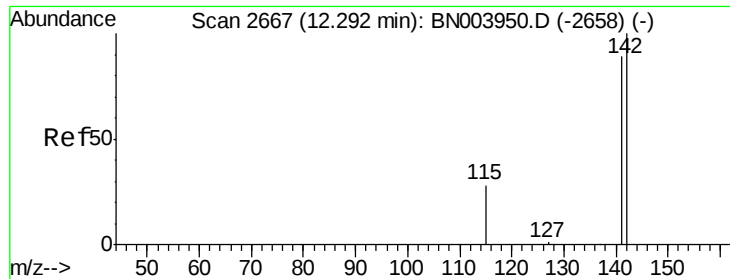
Instrument :
BNA_N
ClientSampleId :
F9F34

Quant Time: Dec 15 22:08:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

ClientSampleId :

F9F34

Tot Ion:142 Resp: 1057

Ion Ratio Lower Upper

142 100

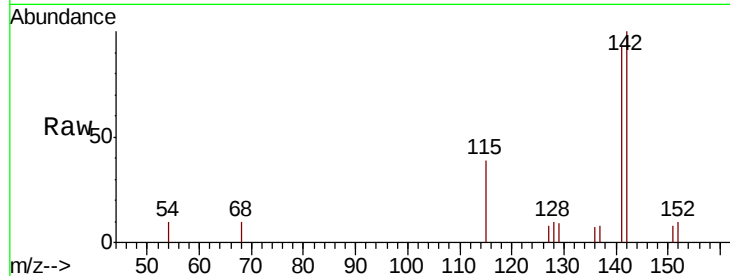
141 92.1 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

800

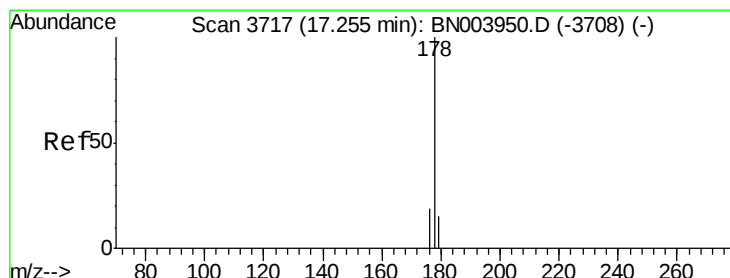
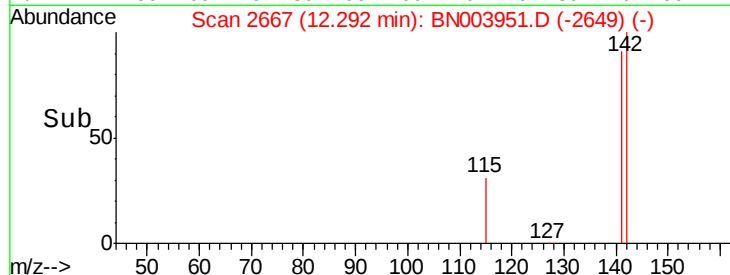
600

400

200

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.107 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

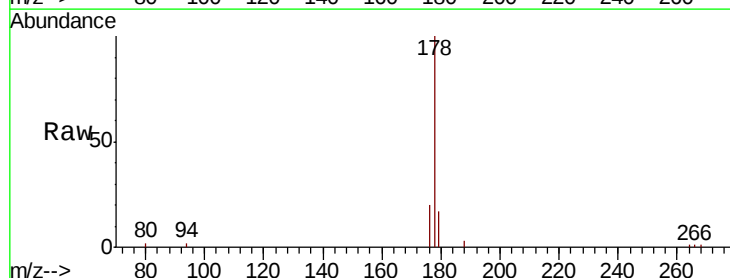
Tgt Ion:178 Resp: 5285

Ion Ratio Lower Upper

178 100

179 17.0 12.5 18.7

176 20.1 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

5000

4000

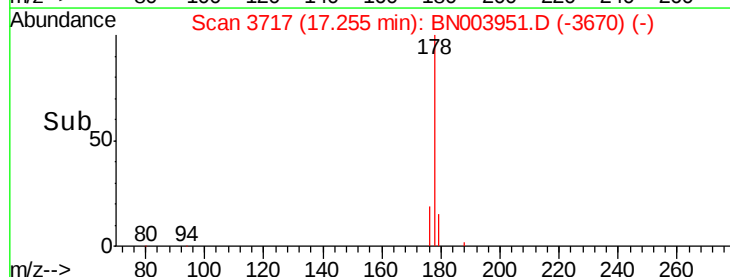
3000

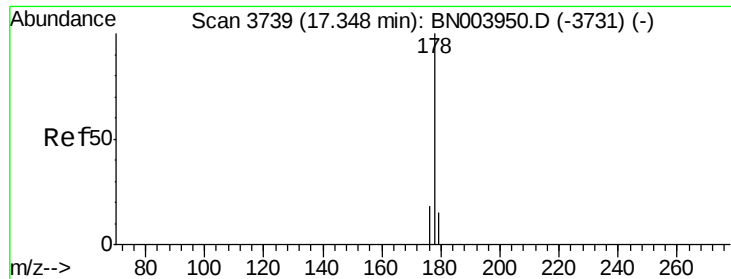
2000

1000

0

Time--> 17.20 17.25 17.30





#13

Anthracene

Concen: 0.024 ng/ul m

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

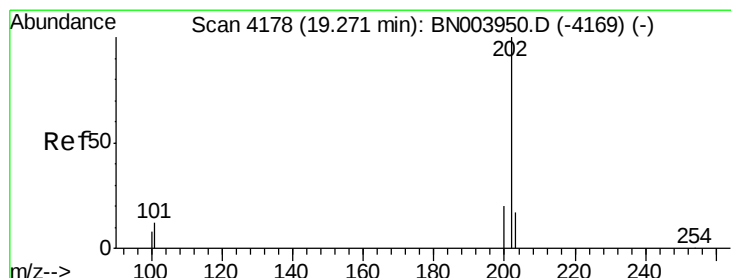
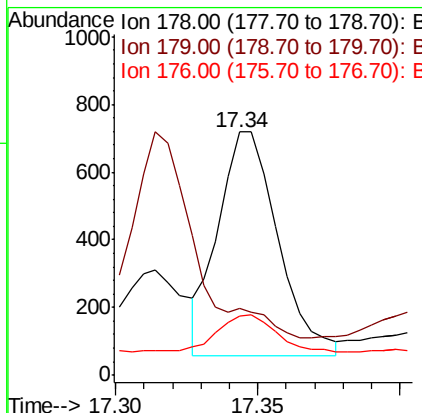
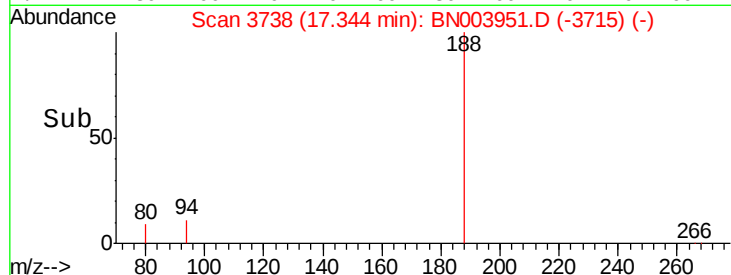
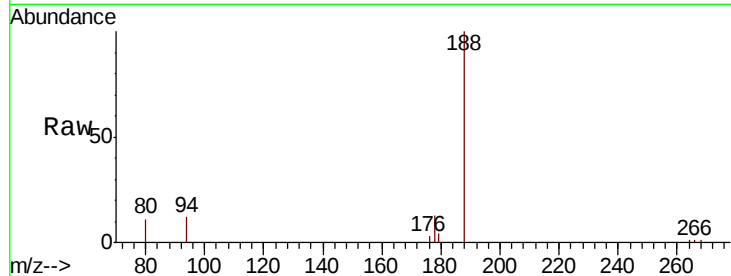
ClientSampleId :

F9F34

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.7	12.3	18.5#
176	24.5	14.8	22.2#

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#15

Fluoranthene

Concen: 0.034 ng/ul m

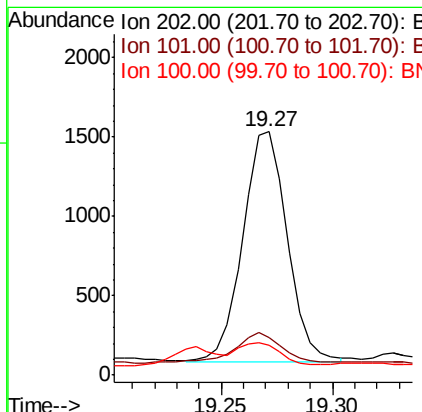
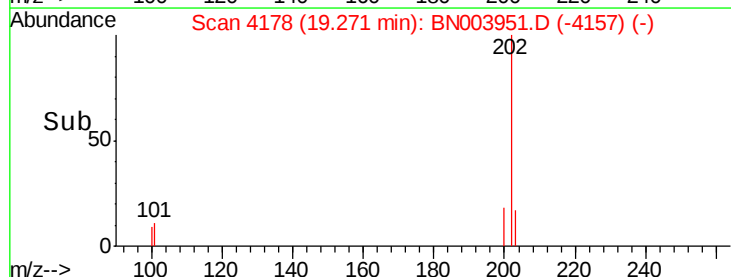
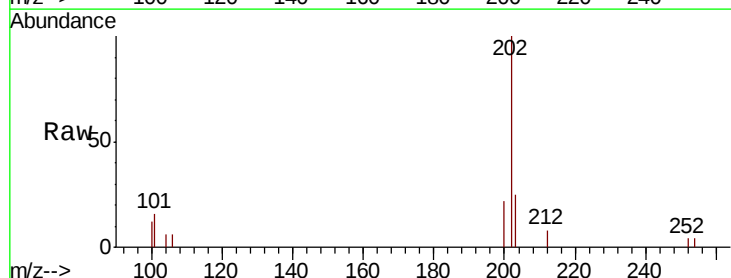
RT: 19.27 min Scan# 4178

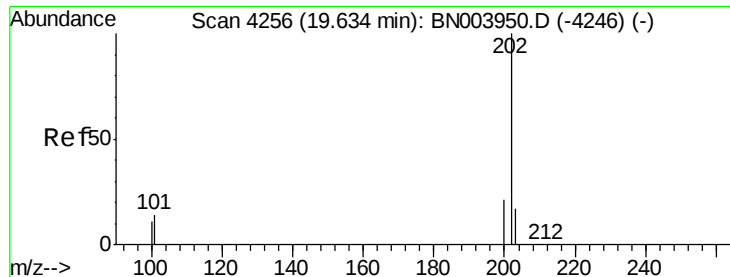
Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	30.7
100	12.4	0.0	28.1





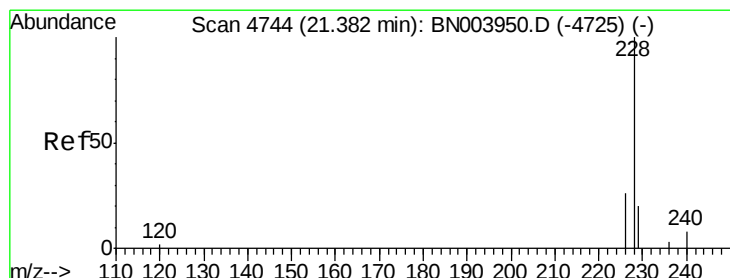
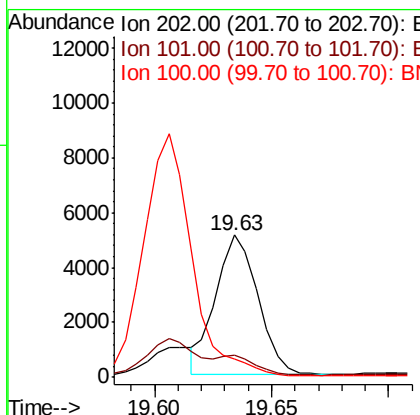
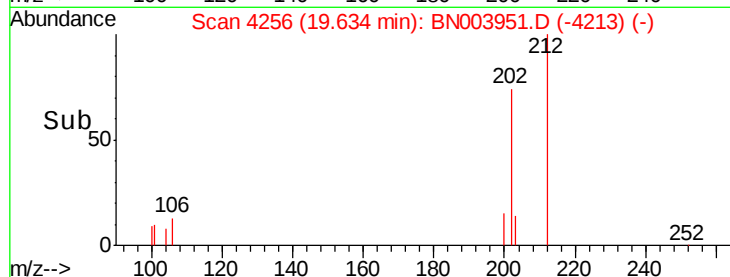
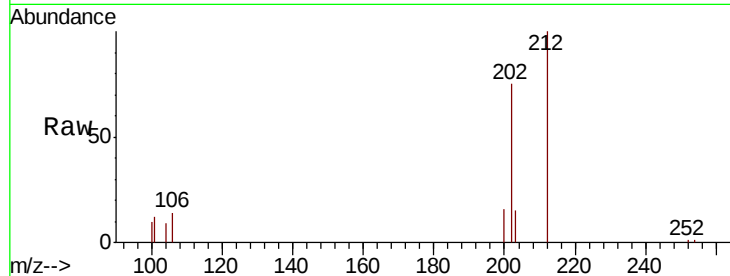
#17
Pvrene
Concen: 0.099 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003951.D
Acq: 15 Dec 2018 10:24

Instrument :
BNA_N
ClientSampleId :
F9F34

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.3	15.5
100	12.9	8.5	12.7

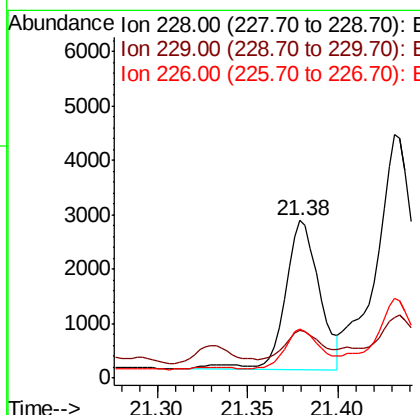
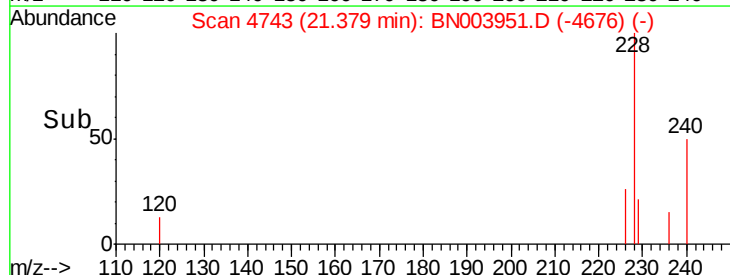
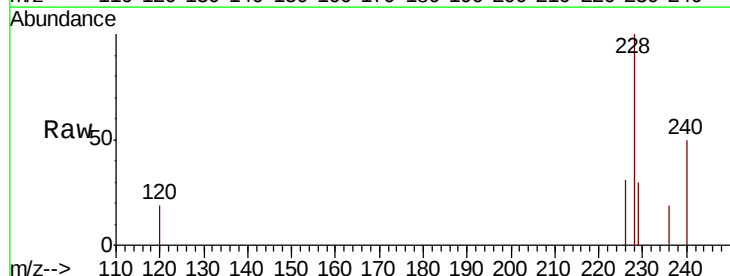
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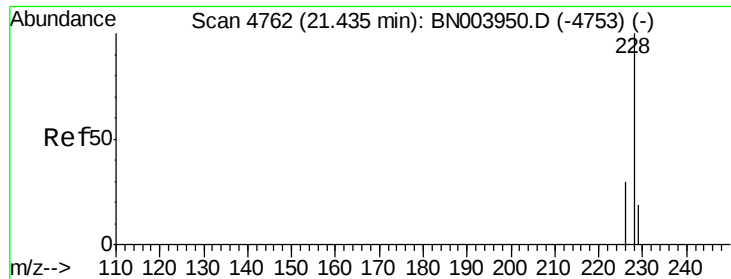
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#18
Benzo(a)anthracene
Concen: 0.064 ng/ul m
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003951.D
Acq: 15 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.3	15.6	23.4
226	31.1	21.1	31.7





#19

Chrysene

Concen: 0.091 ng/ul m

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

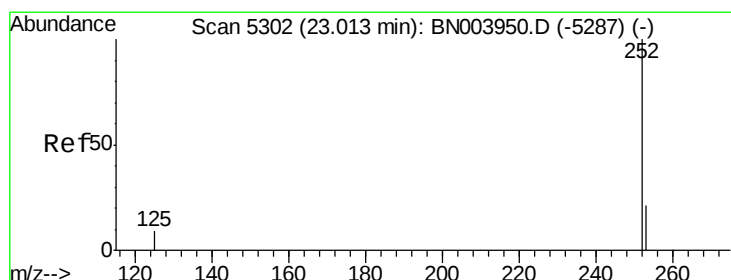
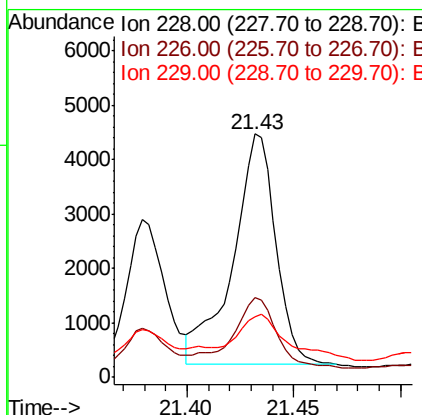
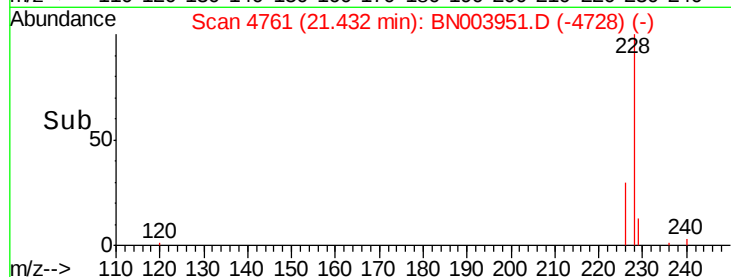
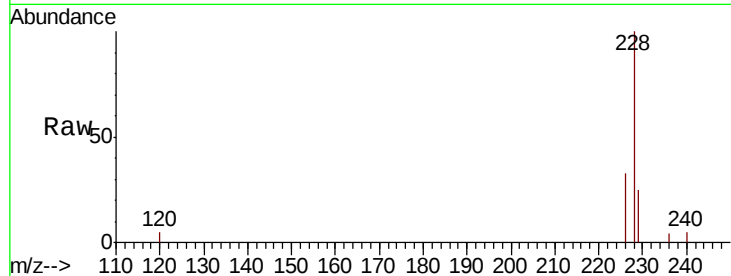
ClientSampleId :

F9F34

Tot Ion:	228	Resp:	5939
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.0	36.0
229	25.1	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.041 ng/ul m

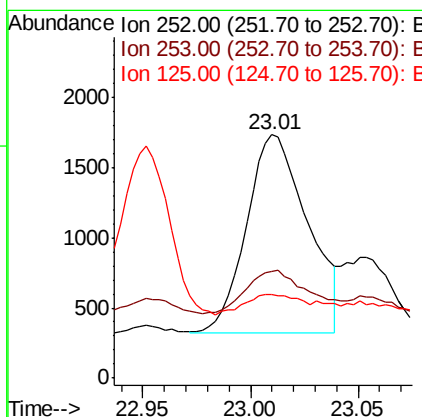
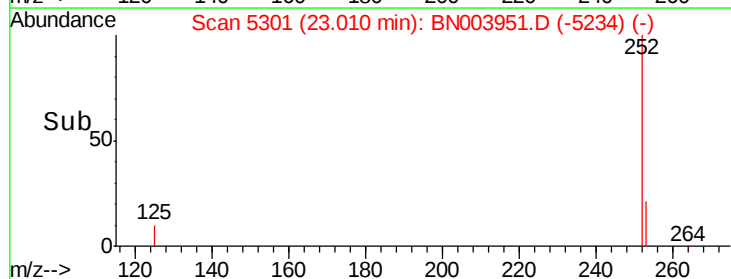
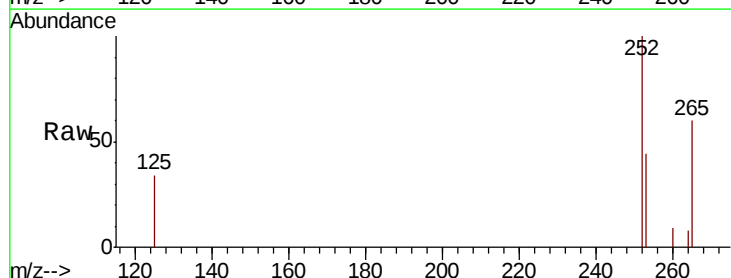
RT: 23.01 min Scan# 5301

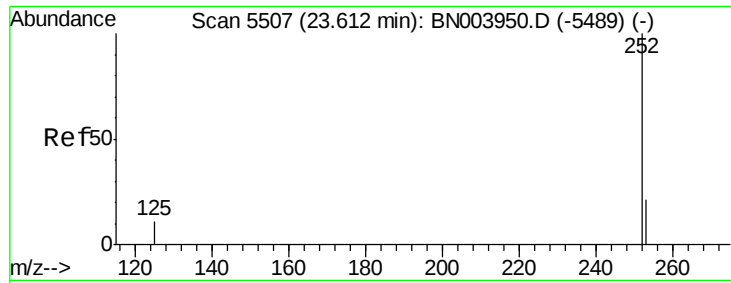
Delta R.T. -0.00 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Tgt Ion:	252	Resp:	2817
Ion Ratio	Lower	Upper	
252	100		
253	44.0	0.0	46.0
125	34.2	0.0	22.4#





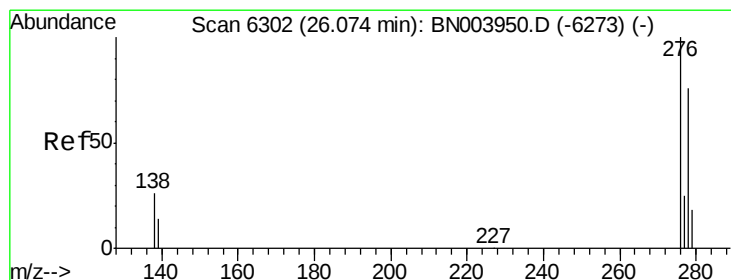
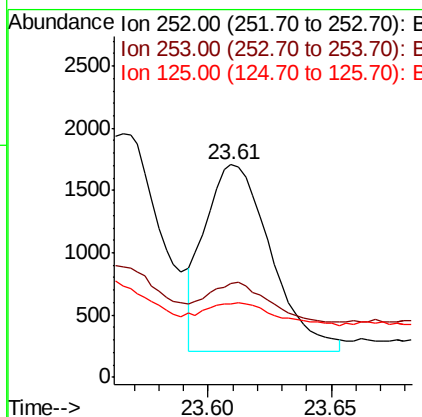
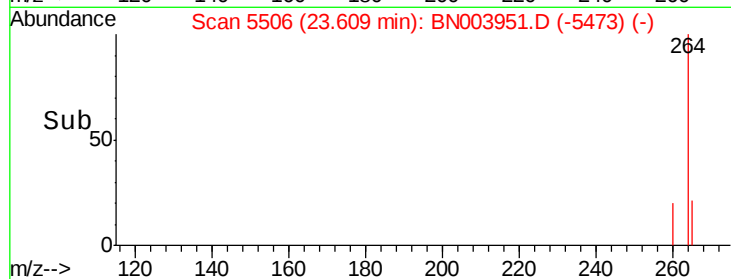
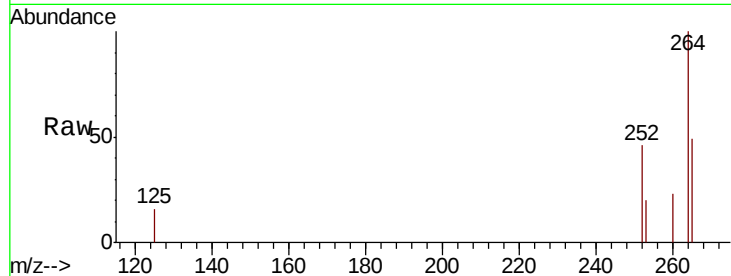
#23
Benzo(a)pyrene
Concen: 0.047 ng/ul m
RT: 23.61 min Scan# 5506
Delta R.T. -0.00 min
Lab File: BN003951.D
Acq: 15 Dec 2018 10:24

Instrument :
BNA_N
ClientSampled :
F9F34

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.1	19.0	28.4#
125	34.5	10.2	15.4#

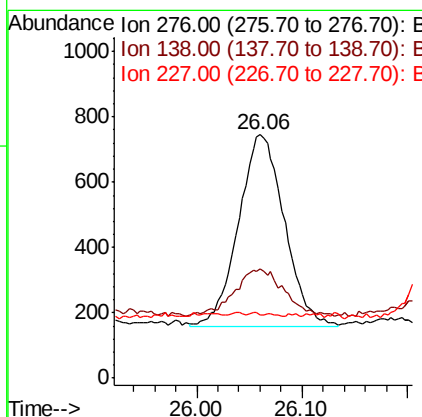
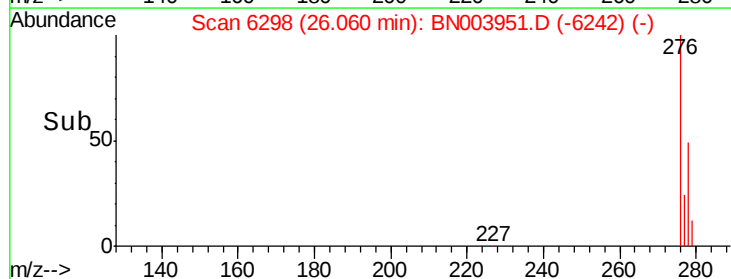
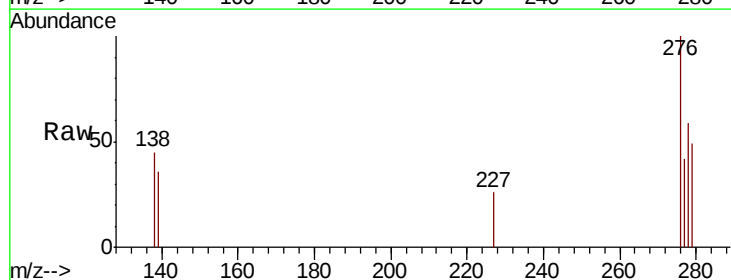
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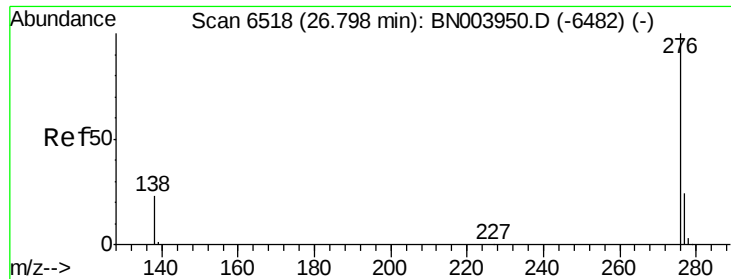
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul m
RT: 26.06 min Scan# 6298
Delta R.T. -0.01 min
Lab File: BN003951.D
Acq: 15 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.5	20.3	30.5#
227	0.0	0.2	0.2#





#26
 Benzo(a,h,i)perylene
 Concen: 0.047 ng/ul m
 RT: 26.79 min Scan# 6516
 Delta R.T. -0.01 min
 Lab File: BN003951.D
 Acq: 15 Dec 2018 10:24

Instrument :
 BNA_N
 ClientSampleId :
 F9F34

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.8	17.7	26.5#
277	37.0	19.3	28.9#

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