

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003958.D
 Acq On : 15 Dec 2018 14:31
 Operator : JU/SJ
 Sample : J6227-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F33

Manual Integrations
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Quant Time: Dec 15 22:48:16 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	1778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13431m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17371m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15893m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2435	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7619m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	814	0.047	ng/ul	100
12) Phenanthrene	17.25	178	3750	0.085	ng/ul	95
13) Anthracene	17.35	178	1035m	0.029	ng/ul	
15) Fluoranthene	19.27	202	5492m	0.106	ng/ul	
17) Pyrene	19.63	202	8555m	0.137	ng/ul	
18) Benzo(a)anthracene	21.38	228	4127m	0.075	ng/ul	
19) Chrysene	21.43	228	5699m	0.091	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	5909m	0.090	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	2055m	0.032	ng/ul	
23) Benzo(a)pyrene	23.61	252	3741m	0.066	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.06	276	2662m	0.041	ng/ul	
26) Benzo(g,h,i)perylene	26.79	276	3186m	0.056	ng/ul	

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

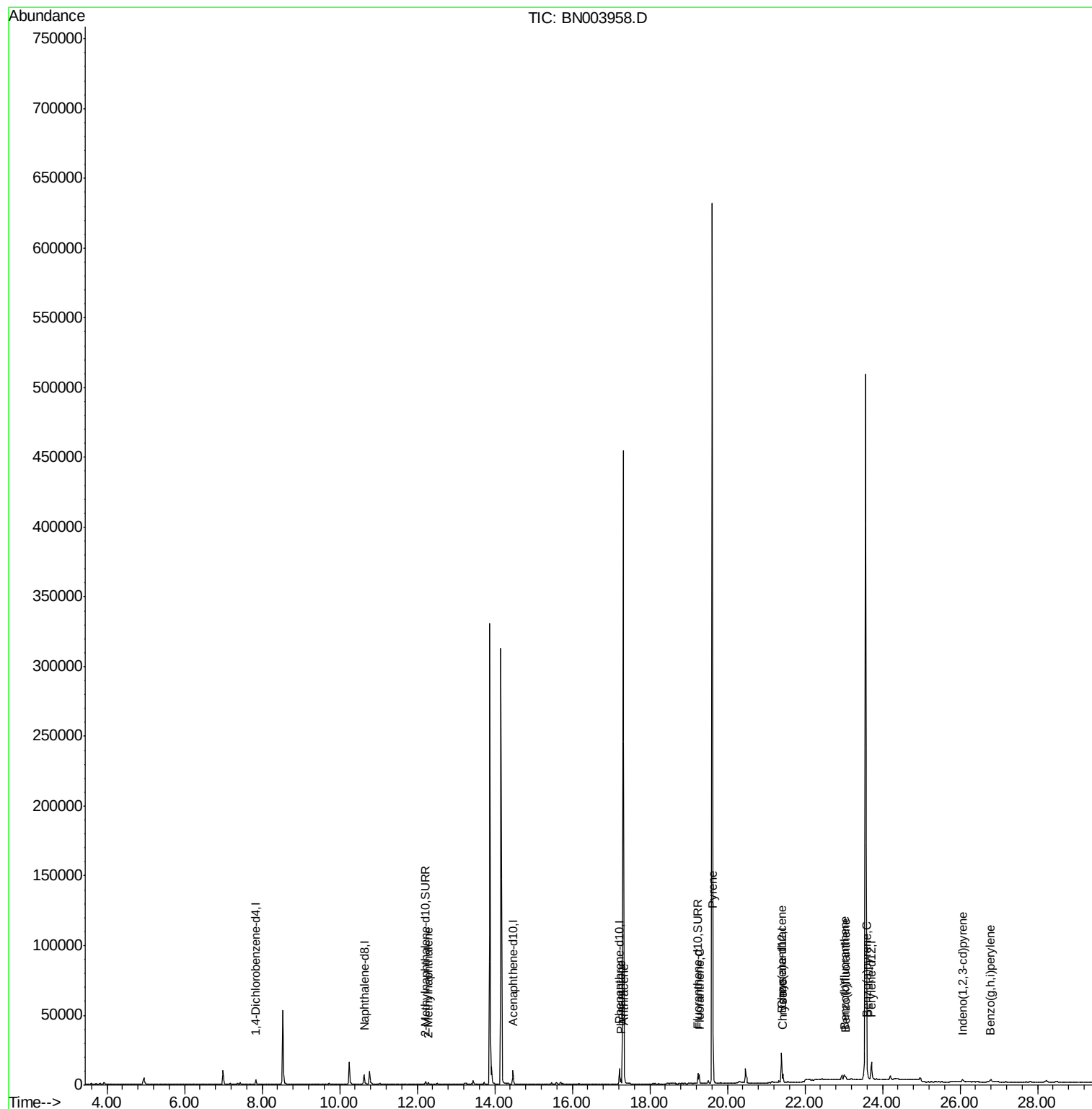
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003958.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

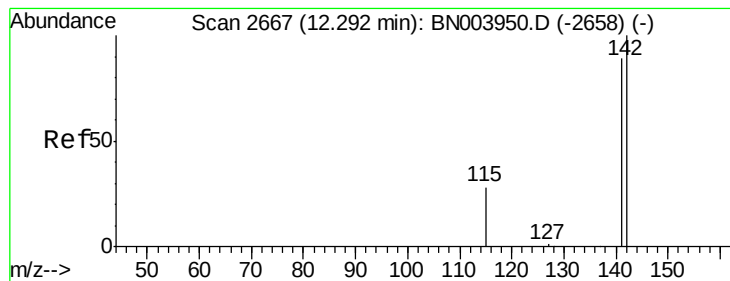
Instrument :
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Quant Time: Dec 15 22:48:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampled :

F9F33

Tot Ion:142 Resp: 814

Ion Ratio Lower Upper

142 100

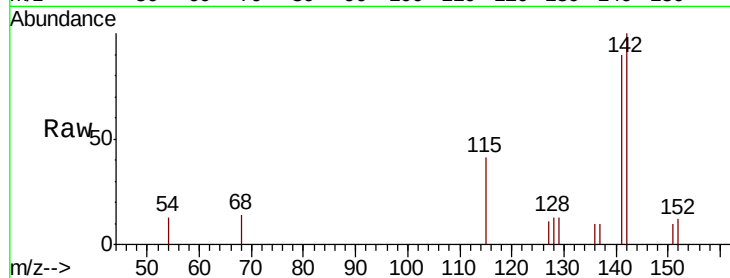
141 89.8 71.5 107.3

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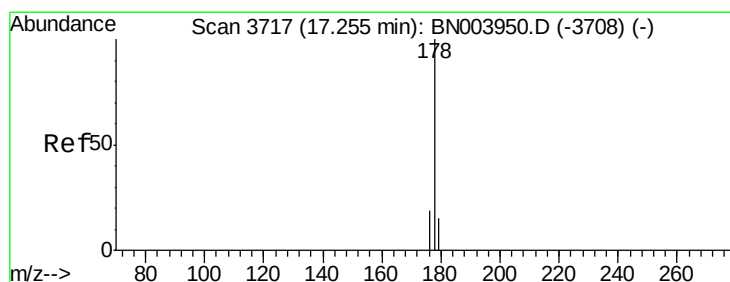
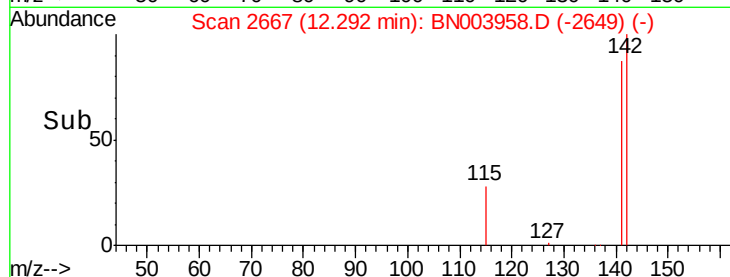
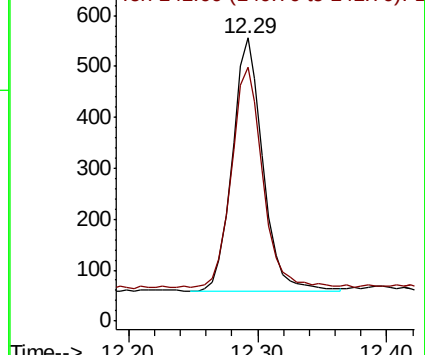
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.085 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

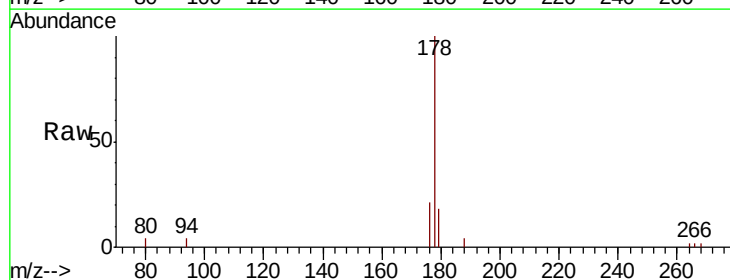
Tgt Ion:178 Resp: 3750

Ion Ratio Lower Upper

178 100

179 18.3 12.5 18.7

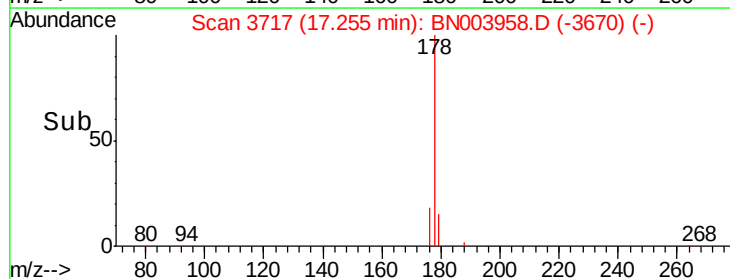
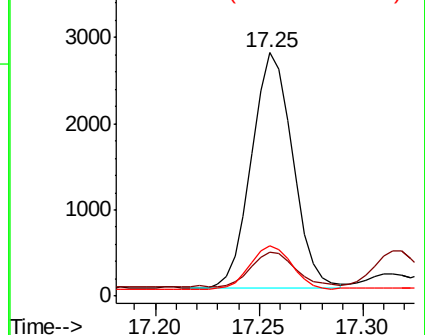
176 20.7 15.0 22.4

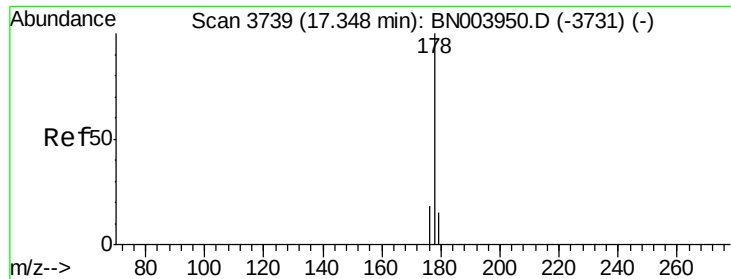


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.029 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

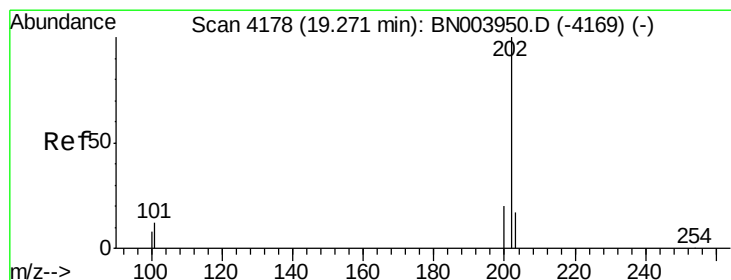
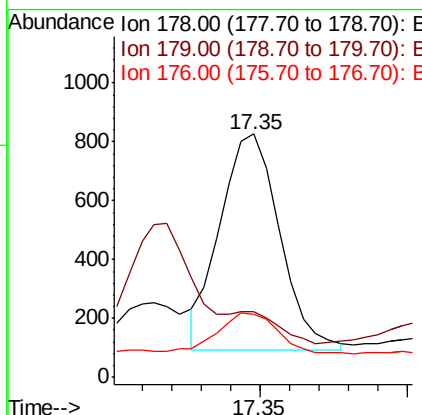
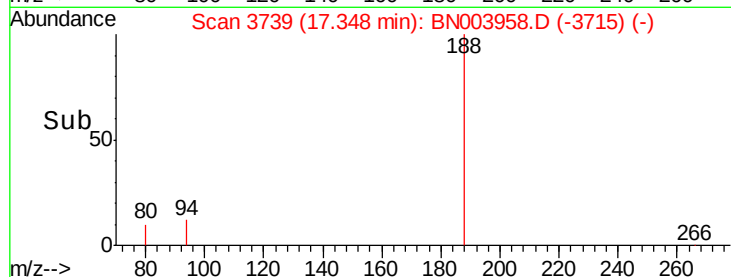
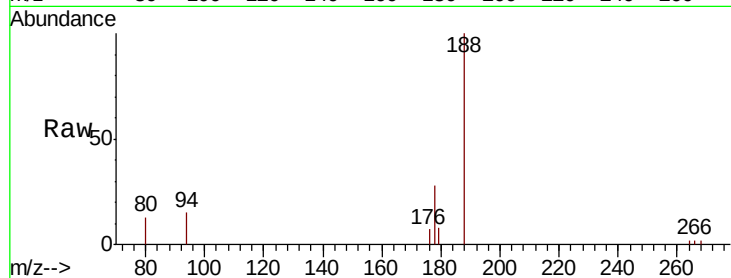
ClientSampled :

F9F33

Tot Ion:	178	Resp:	1035
Ion Ratio	Lower	Upper	
178	100		
179	27.1	12.3	18.5#
176	25.9	14.8	22.2#

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#15

Fluoranthene

Concen: 0.106 ng/ul m

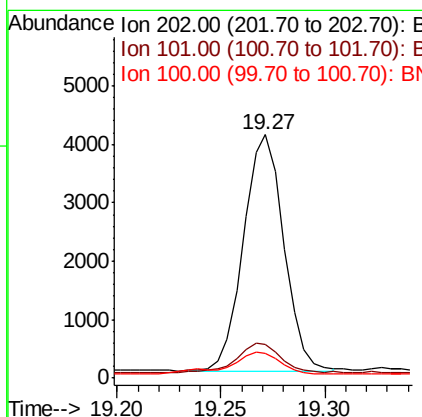
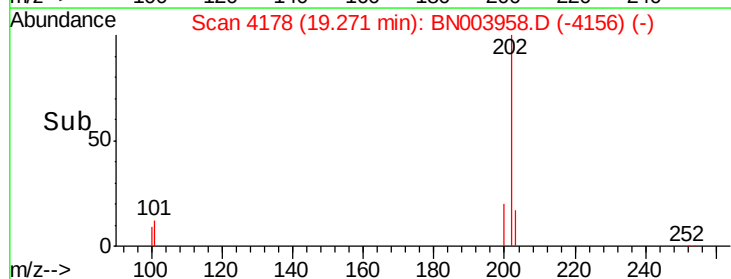
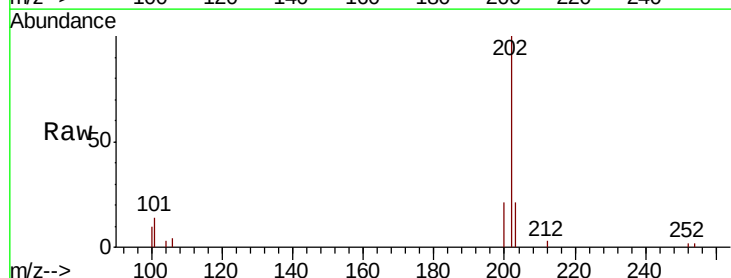
RT: 19.27 min Scan# 4178

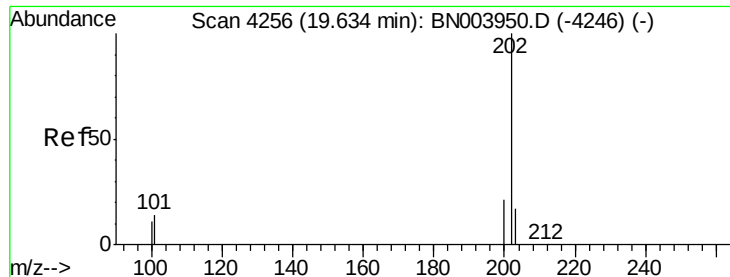
Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Tgt Ion:	202	Resp:	5492
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.7
100	10.2	0.0	28.1





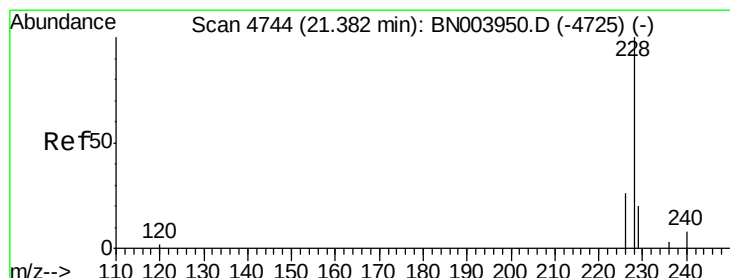
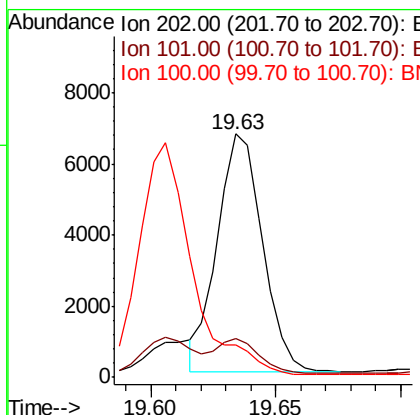
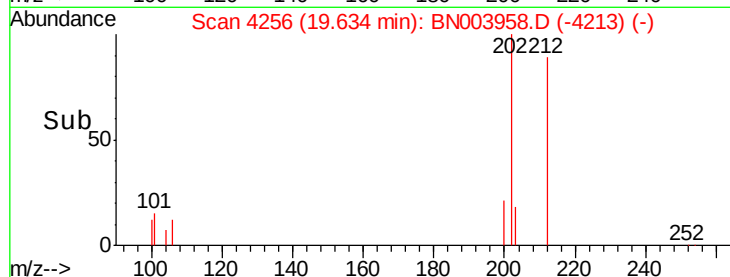
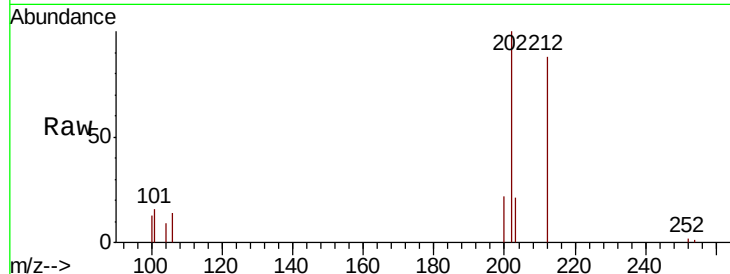
#17
Pvrene
Concen: 0.137 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003958.D
Acq: 15 Dec 2018 14:31

Instrument :
BNA_N
ClientSampleId :
F9F33

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	10.3	15.5#
100	13.2	8.5	12.7#

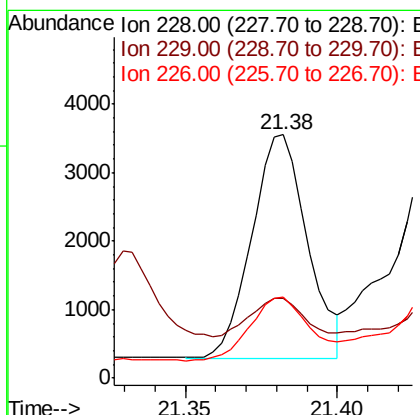
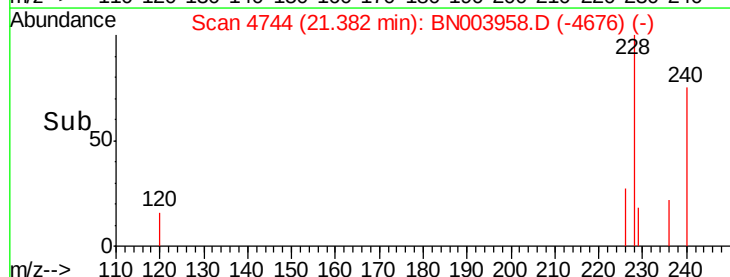
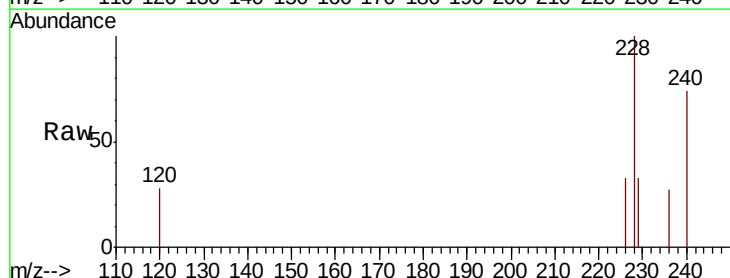
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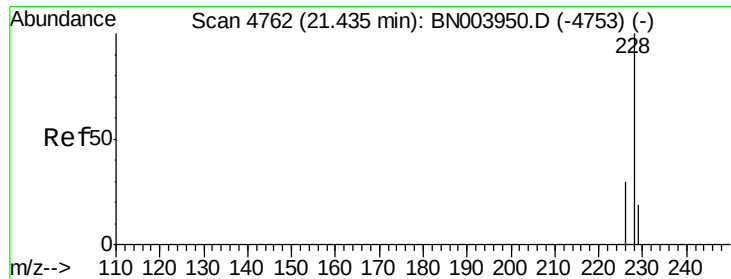
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#18
Benzo(a)anthracene
Concen: 0.075 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN003958.D
Acq: 15 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.8	15.6	23.4#
226	33.1	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: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

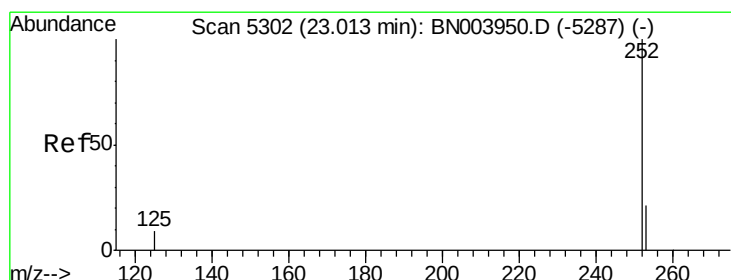
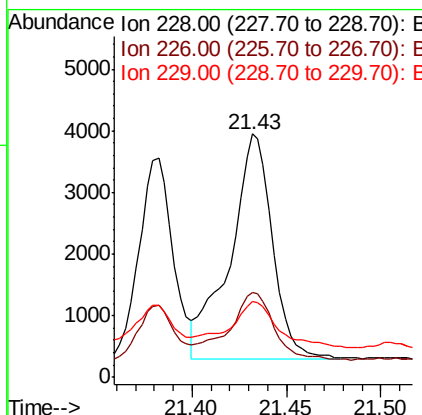
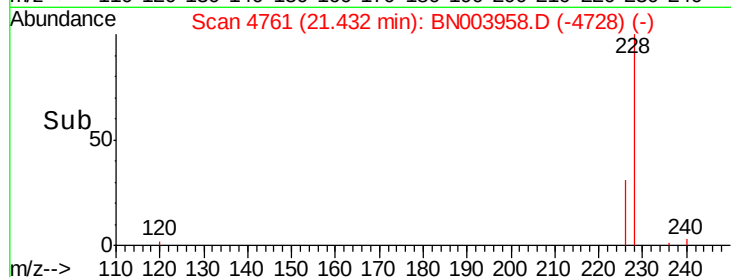
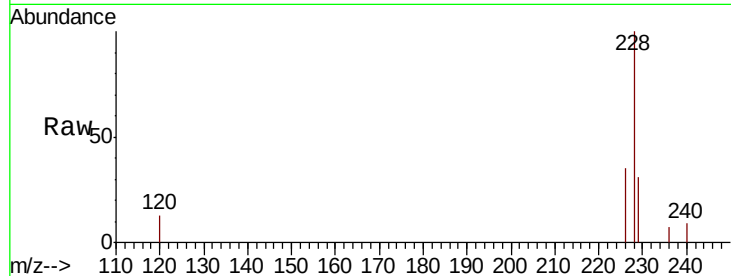
ClientSampled :

F9F33

Tot Ion:	228	Resp:	5699
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.0	36.0
229	31.0	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.090 ng/ul m

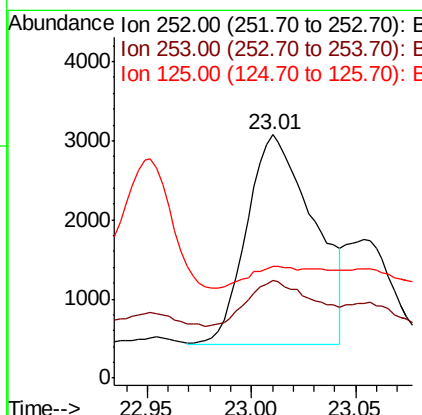
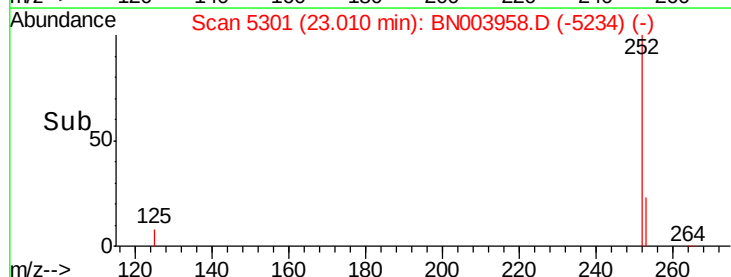
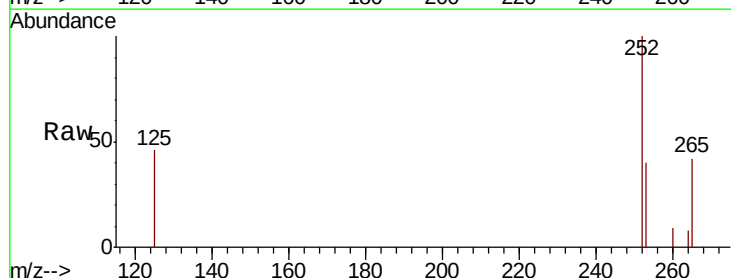
RT: 23.01 min Scan# 5301

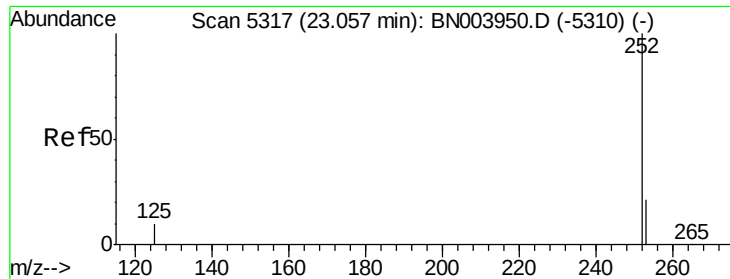
Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Tgt Ion:	252	Resp:	5909
Ion Ratio	Lower	Upper	
252	100		
253	40.1	0.0	46.0
125	45.7	0.0	22.4#





#22

Benzo(k)fluoranthene

Concen: 0.032 ng/ul m

RT: 23.05 min Scan# 5316

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

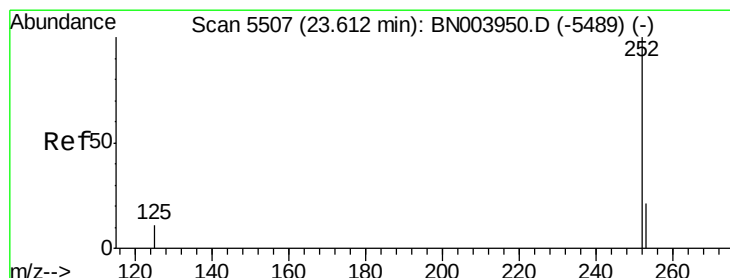
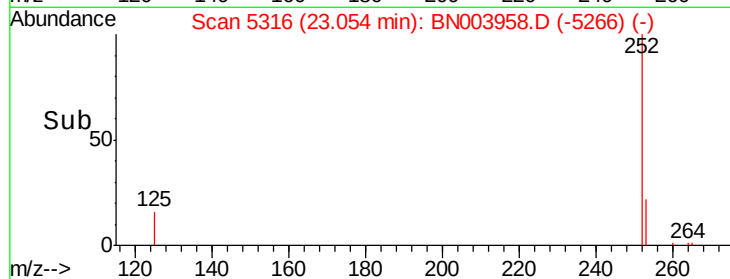
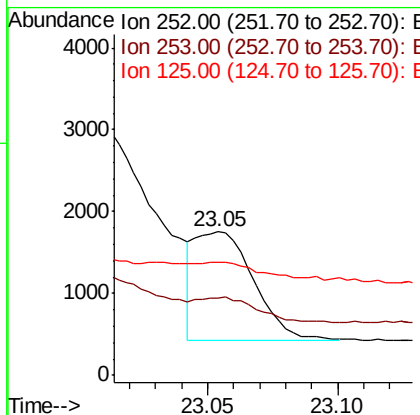
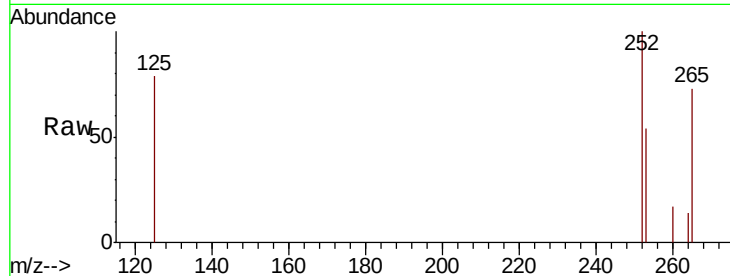
ClientSampled :

F9F33

Tot Ion:	252	Resp:	2055
Ion Ratio	Lower	Upper	
252	100		
253	54.3	18.5	27.7#
125	78.7	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.066 ng/ul m

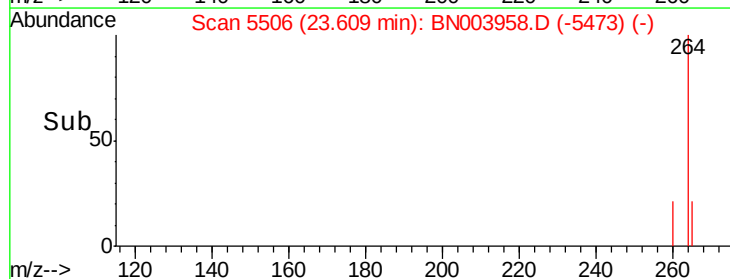
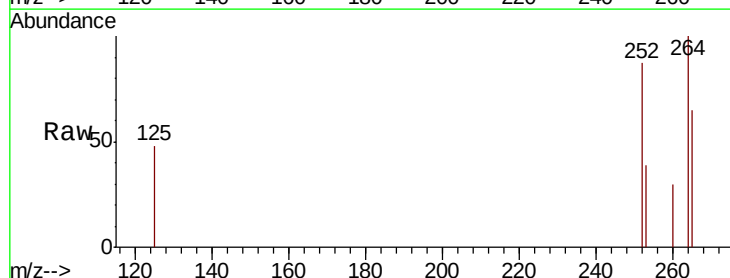
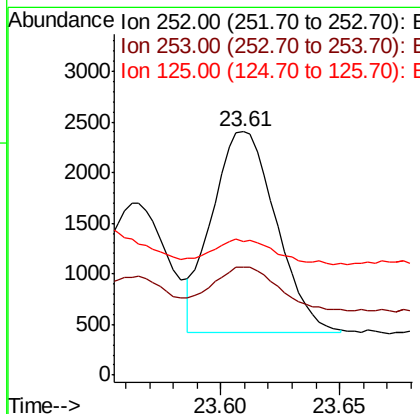
RT: 23.61 min Scan# 5506

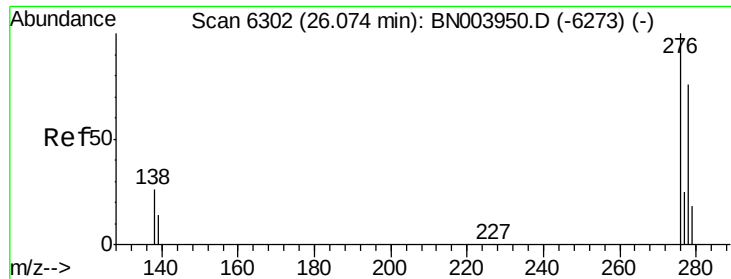
Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Tgt Ion:	252	Resp:	3741
Ion Ratio	Lower	Upper	
252	100		
253	44.5	19.0	28.4#
125	54.9	10.2	15.4#





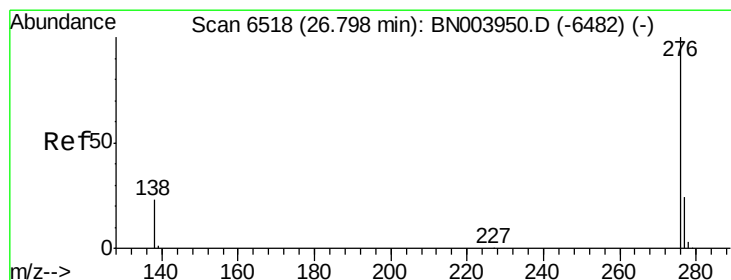
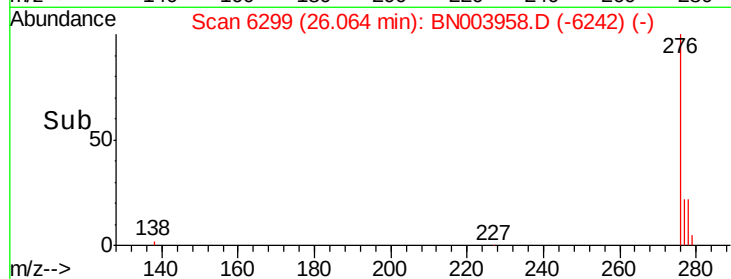
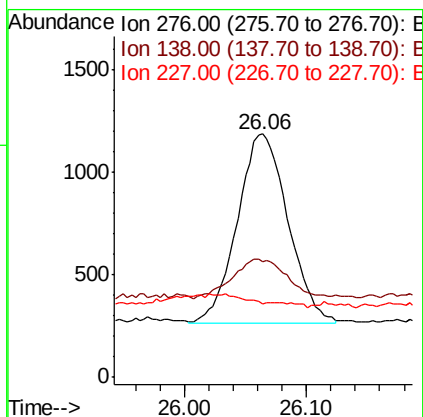
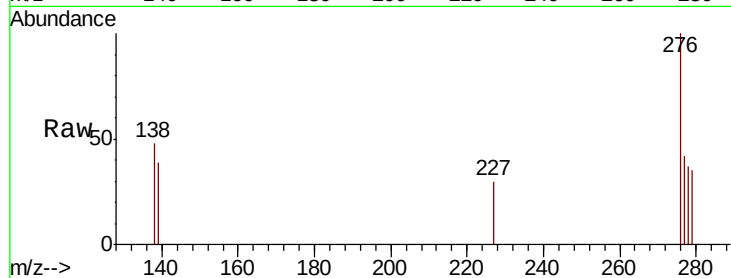
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng/ul m
 RT: 26.06 min Scan# 6299
 Delta R.T. -0.01 min
 Lab File: BN003958.D
 Acq: 15 Dec 2018 14:31

Instrument :
 BNA_N
 ClientSampled :
 F9F33

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.056 ng/ul m
 RT: 26.79 min Scan# 6516
 Delta R.T. -0.01 min
 Lab File: BN003958.D
 Acq: 15 Dec 2018 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	48.3	17.7	26.5#
277	40.4	19.3	28.9#

