

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
 Data File : BN003824.D
 Acq On : 11 Dec 2018 20:44
 Operator : JU/SJ
 Sample : J6170-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9M13

Manual Integrations
 APPROVED

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 12/12/2018 5:50:26 PM

Quant Time: Dec 12 03:32:27 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 : Wed Dec 12 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8969	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	16668m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12480m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	12414m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4832	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7756m	0.16	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	17.25	178	1794m	0.033	ng/ul	
15) Fluoranthene	19.27	202	8896m	0.138	ng/ul	
17) Pyrene	19.63	202	7007m	0.157	ng/ul	
18) Benzo(a)anthracene	21.38	228	3780m	0.096	ng/ul	
19) Chrysene	21.43	228	5422m	0.120	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	8683m	0.169	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	3004m	0.060	ng/ul	
23) Benzo(a)pyrene	23.61	252	4796	0.108	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.06	276	4531	0.089	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.07	278	1080	0.026	ng/ul#	31
26) Benzo(g,h,i)perylene	26.79	276	3925	0.089	ng/ul#	88

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

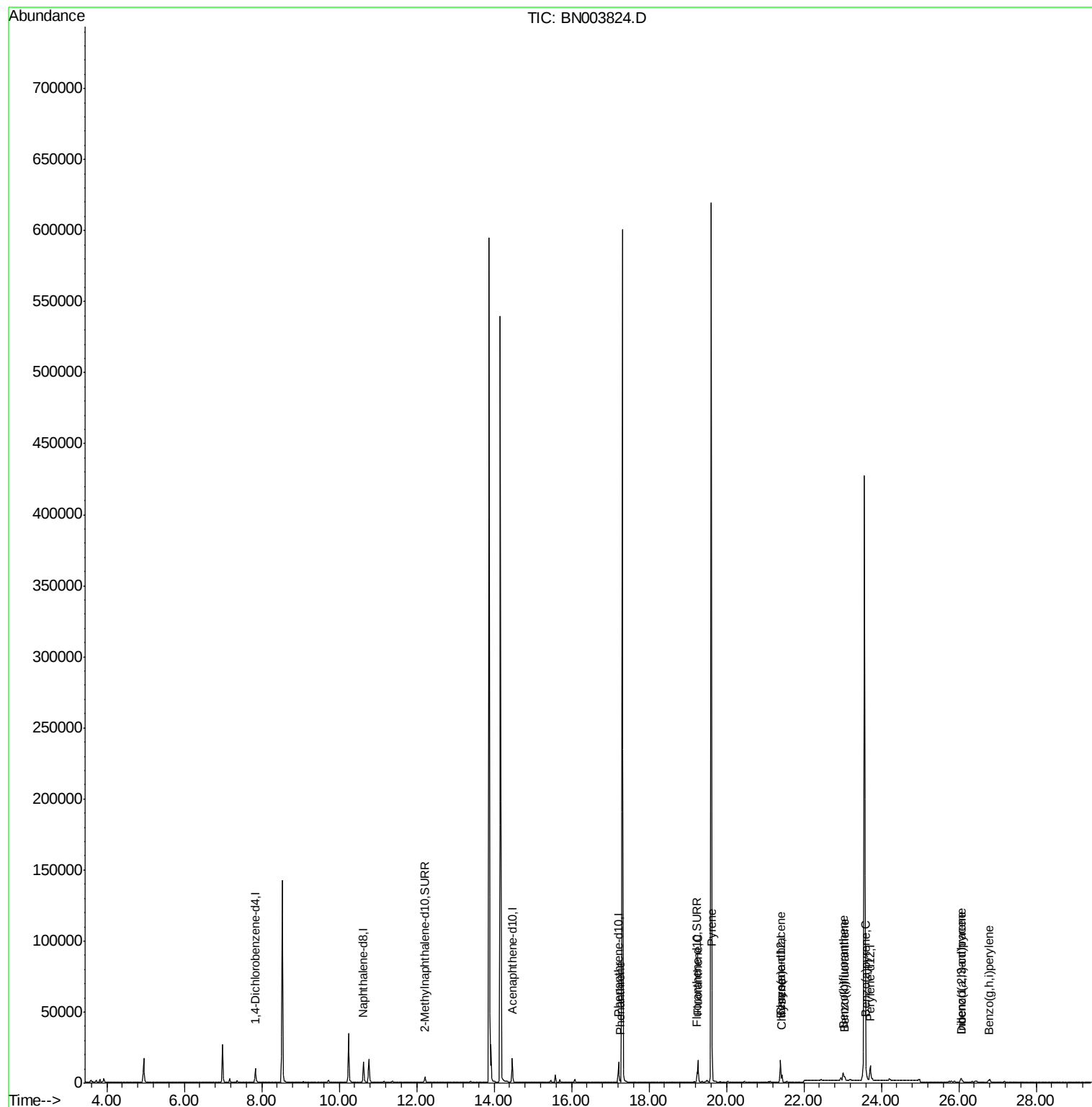
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003824.D
Acq On : 11 Dec 2018 20:44
Operator : JU/SJ
Sample : J6170-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

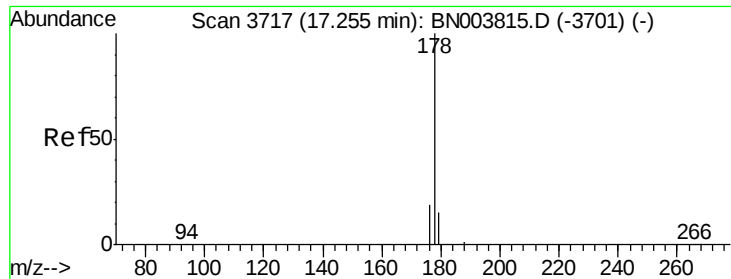
Instrument :
BNA_N
ClientSampleId :
F9M13

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Quant Time: Dec 12 03:32:27 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 : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.033 ng/ul m

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

Instrument :

BNA_N

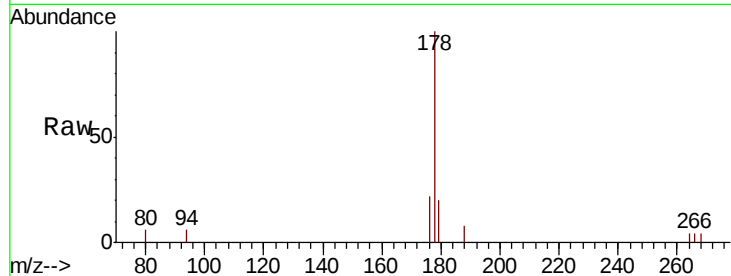
ClientSampleId :

F9M13

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.5	18.7#
176	22.3	15.0	22.4

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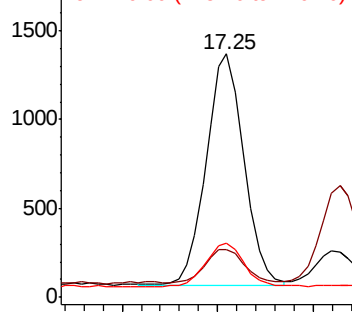


Abundance

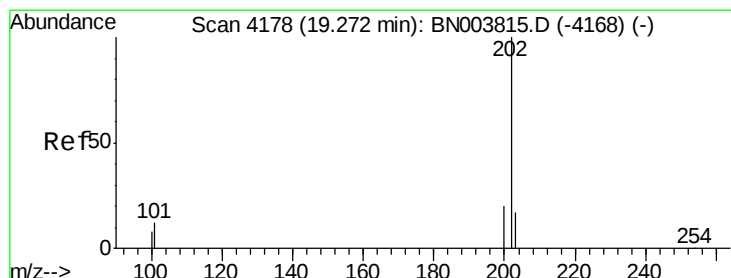
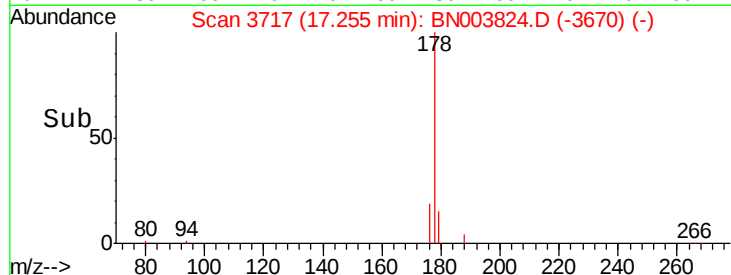
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.138 ng/ul m

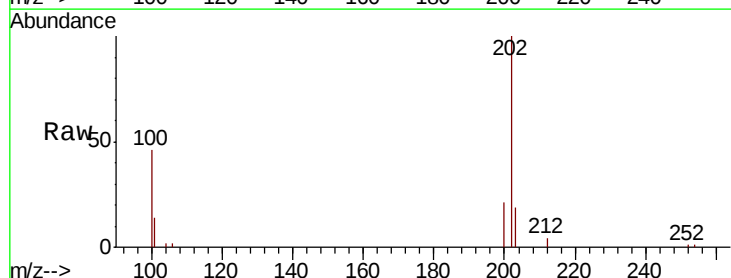
RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.7
100	46.0	0.0	28.1#

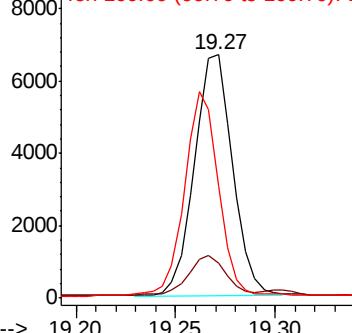


Abundance

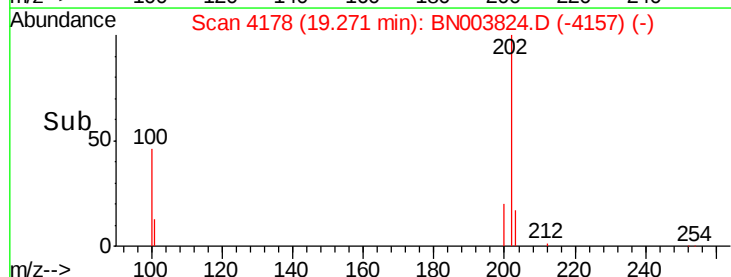
Ion 202.00 (201.70 to 202.70): E

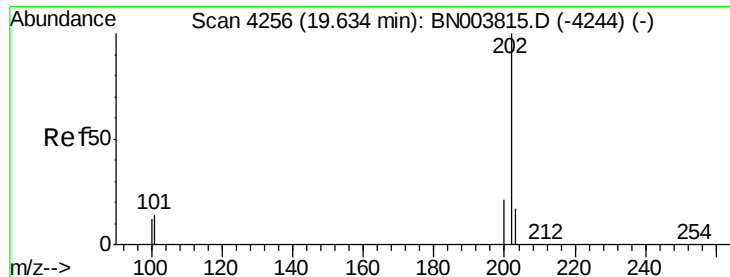
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#17

Pvrene

Concen: 0.157 ng/ul m

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

Instrument :

BNA_N

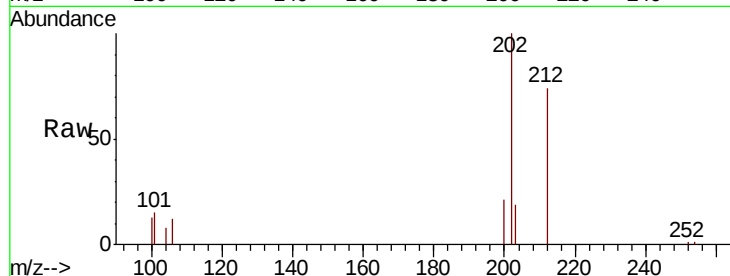
ClientSampleId :

F9M13

Tot Ion:	202	Resp:	7007
Ion Ratio	Lower	Upper	
202	100		
101	15.2	10.3	15.5
100	12.7	8.5	12.7

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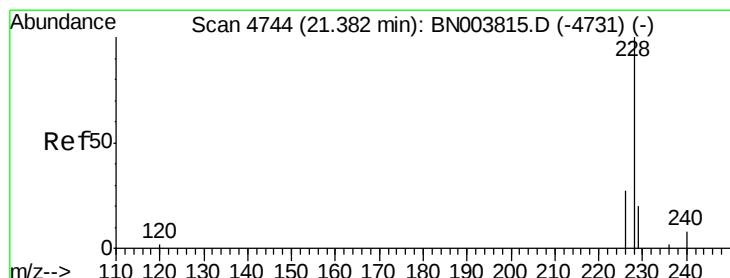
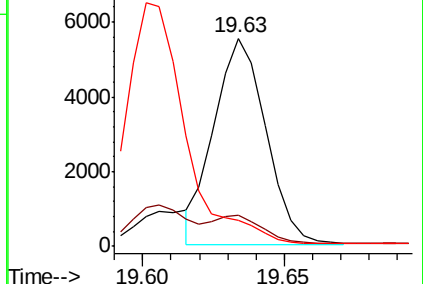
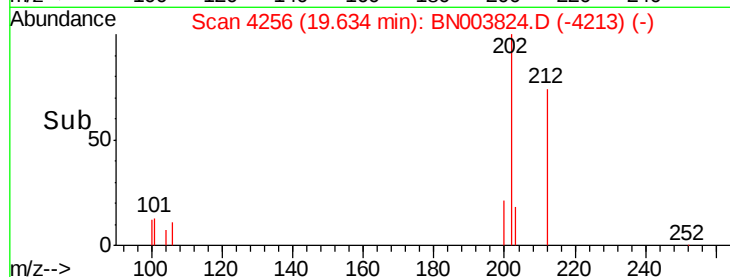
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.096 ng/ul m

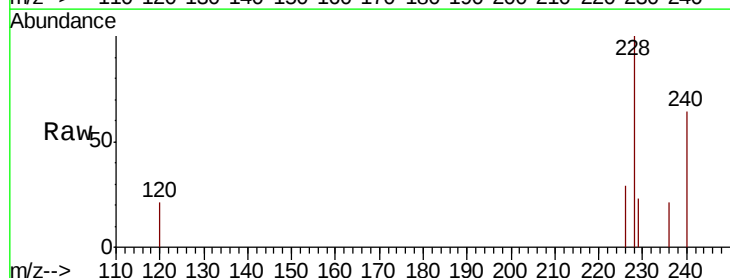
RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

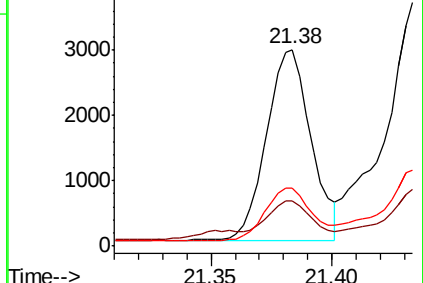
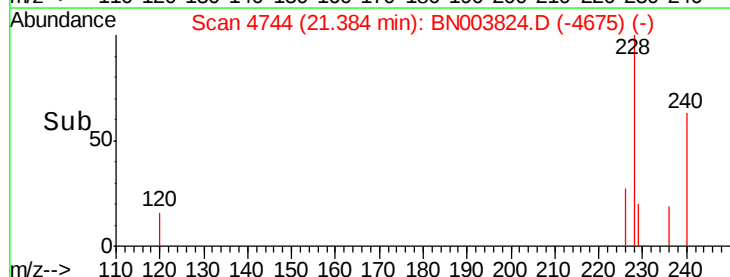
Tgt Ion:	228	Resp:	3780
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.6	23.4
226	29.3	21.1	31.7

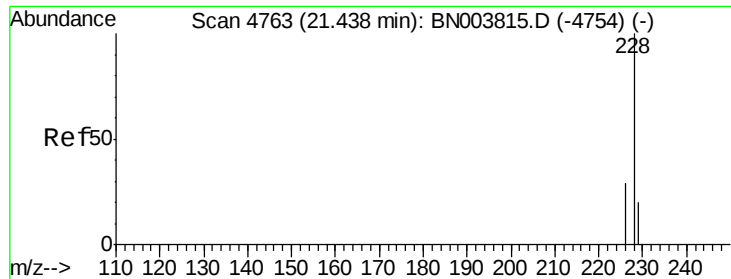


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.120 ng/ul m

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

Instrument :

BNA_N

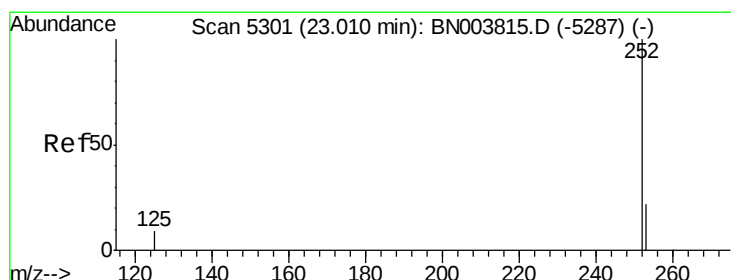
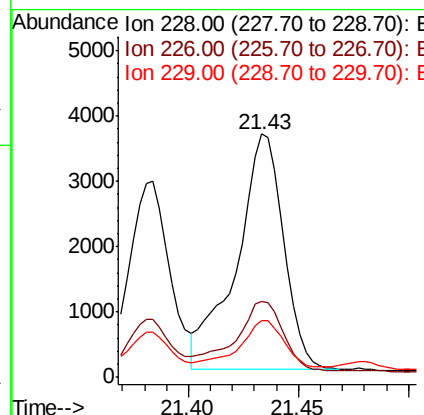
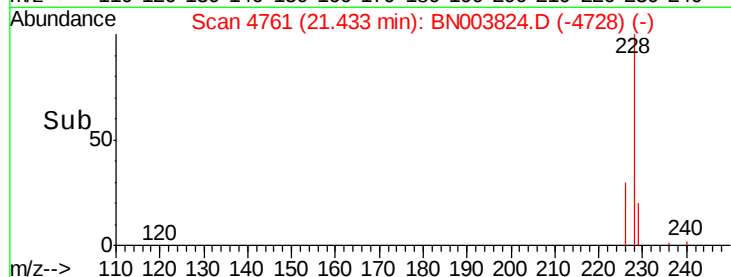
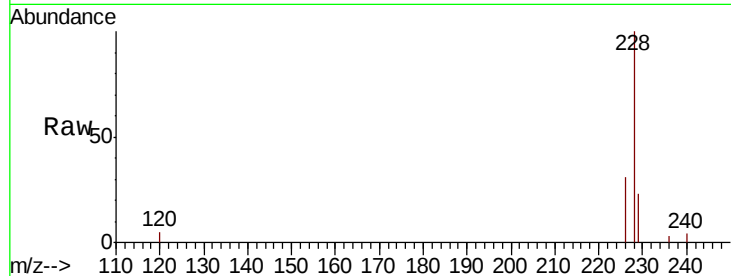
ClientSampled :

F9M13

Tot Ion:228	Resp:	5422
Ion Ratio	Lower	Upper
228 100		
226 31.1	24.0	36.0
229 23.3	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 0.169 ng/ul m

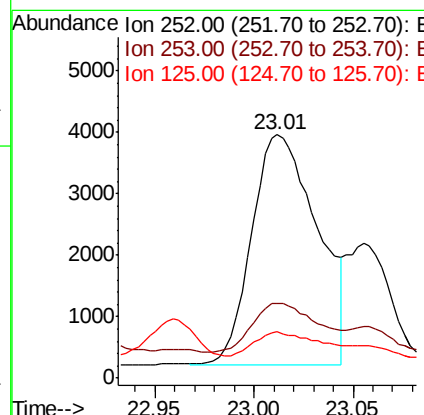
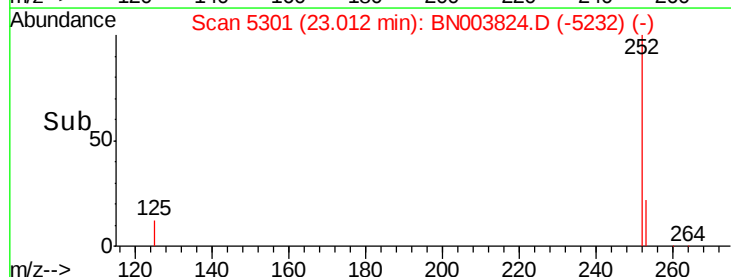
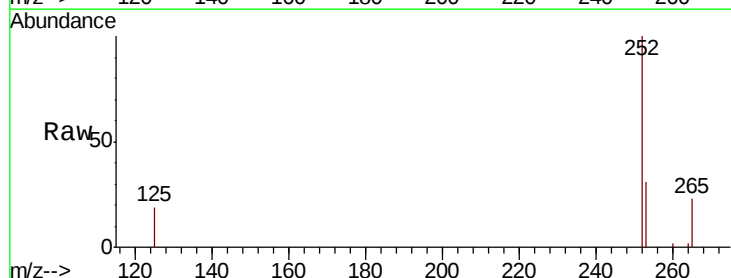
RT: 23.01 min Scan# 5301

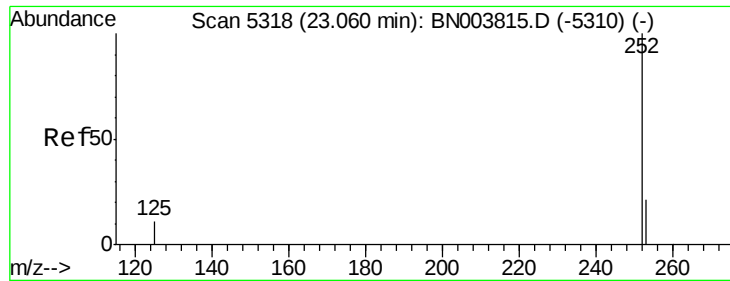
Delta R.T. 0.00 min

Lab File: BN003824.D

Acq: 11 Dec 2018 20:44

Tgt Ion:252	Resp:	8683
Ion Ratio	Lower	Upper
252 100		
253 30.7	0.0	46.0
125 18.9	0.0	22.4





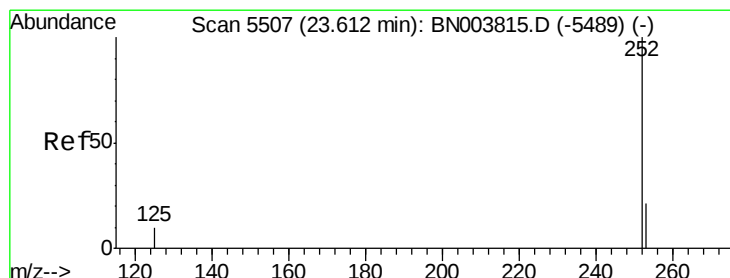
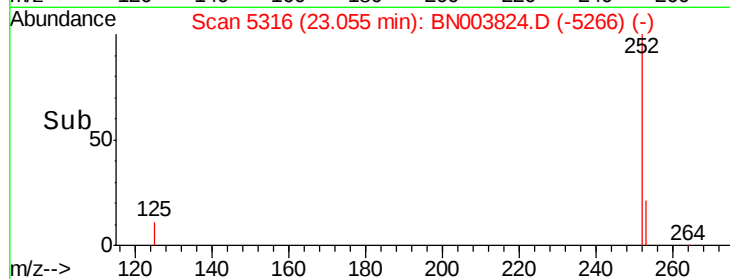
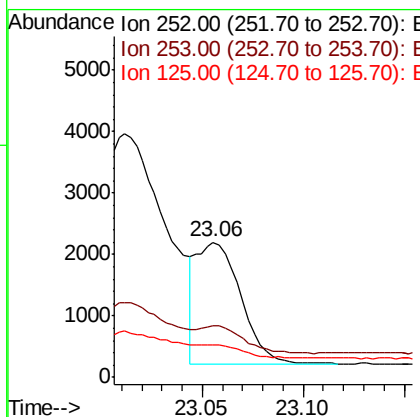
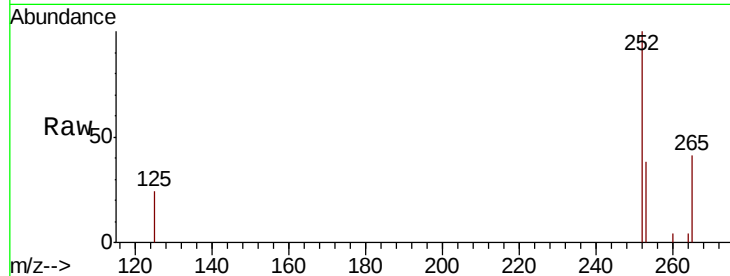
#22
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.06 min Scan# 5316
Delta R.T. -0.00 min
Lab File: BN003824.D
Acq: 11 Dec 2018 20:44

Instrument :
BNA_N
ClientSampleId :
F9M13

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.5	27.7#
125	24.1	9.0	13.6#

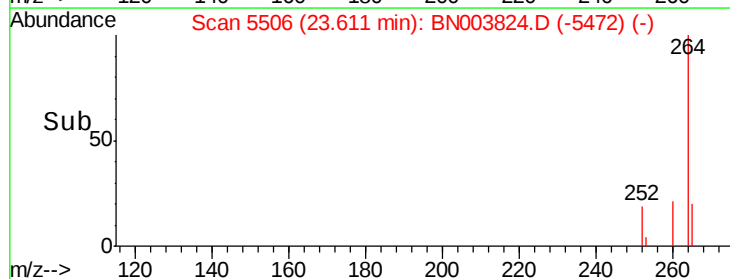
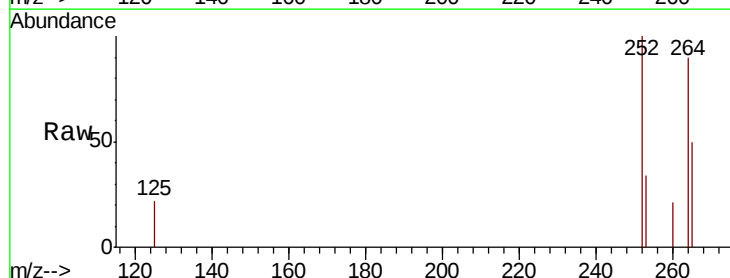
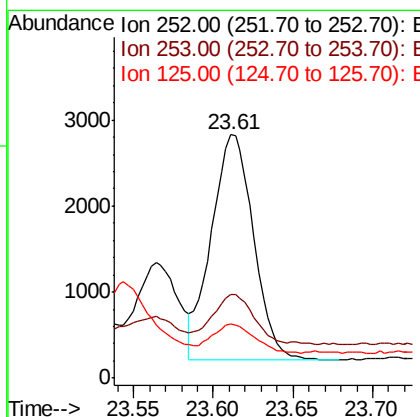
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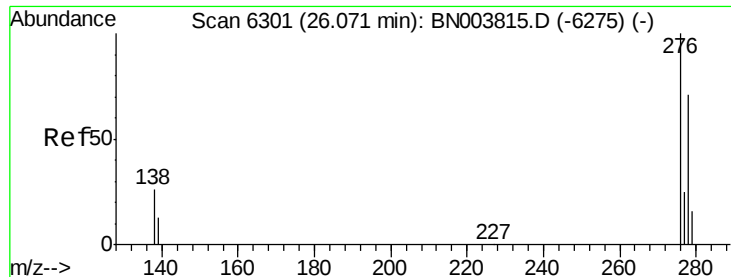
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#23
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.61 min Scan# 5506
Delta R.T. -0.00 min
Lab File: BN003824.D
Acq: 11 Dec 2018 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	19.0	28.4#
125	22.1	10.2	15.4#





#24

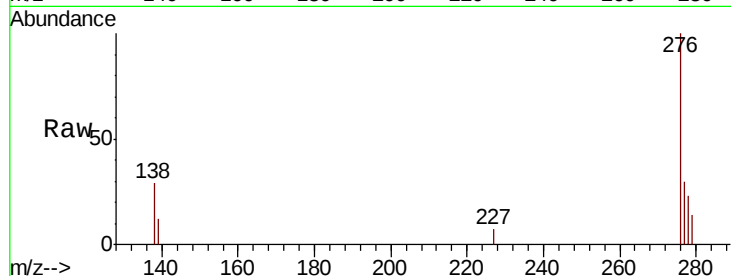
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 26.06 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN003824.D
Acq: 11 Dec 2018 20:44

Instrument :
BNA_N
ClientSampleId :
F9M13

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
227	0.2	0.2	0.2

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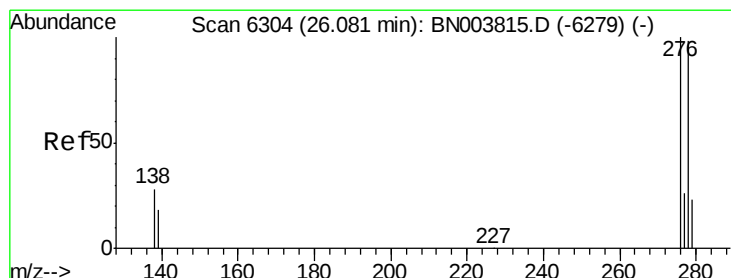
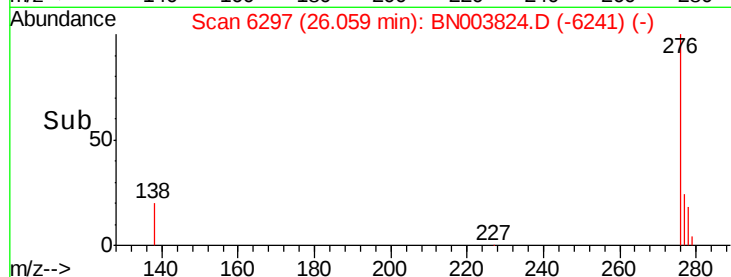
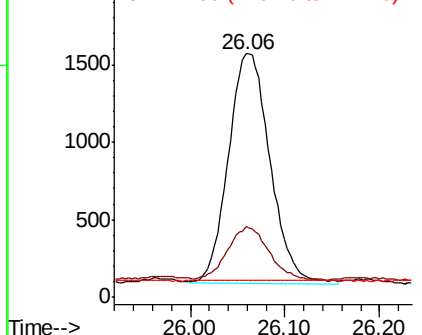


Abundance

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: 0.026 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003824.D
Acq: 11 Dec 2018 20:44

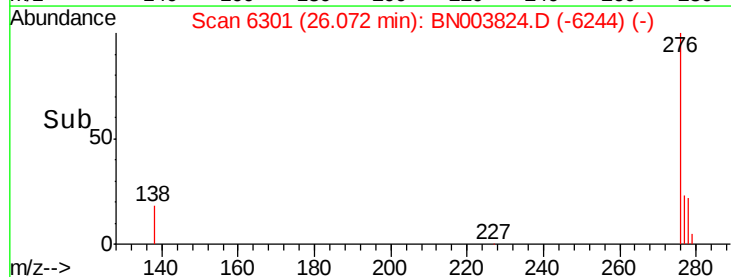
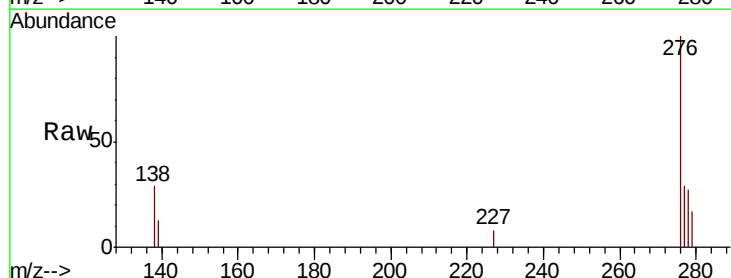
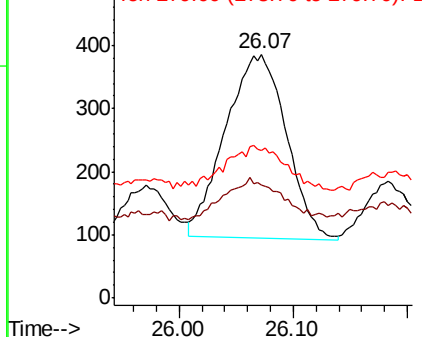
Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.4	14.2	21.4
279	60.6	19.8	29.6

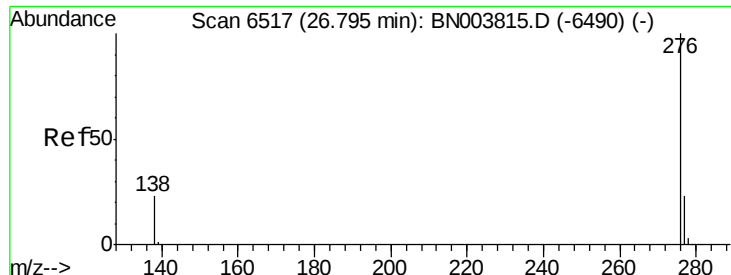
Abundance

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





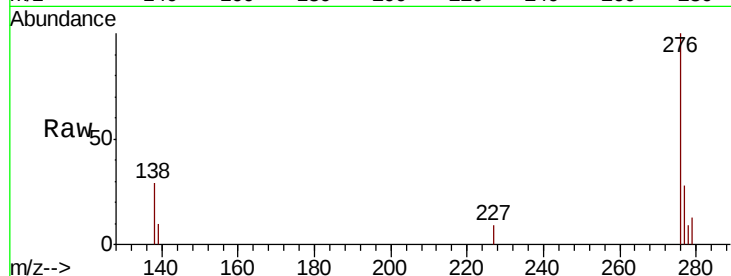
#26
Benzo(a,h,i)perylene
Concen: 0.089 ng/ul
RT: 26.79 min Scan# 6514
Delta R.T. -0.01 min
Lab File: BN003824.D
Acq: 11 Dec 2018 20:44

Instrument :
BNA_N
ClientSampleId :
F9M13

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	17.7	26.5#
277	28.5	19.3	28.9

Manual Integrations
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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

