

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN003996.D
 Acq On : 16 Dec 2018 15:47
 Operator : JU/SJ
 Sample : J6229-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E94

Manual Integrations
 APPROVED

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Quant Time: Dec 17 04:58:28 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 04:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1843	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9150	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5610	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13781m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15837m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13443m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2954	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10094m	0.25	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	17.26	178	2127m	0.047	ng/ul	
15) Fluoranthene	19.28	202	4494m	0.084	ng/ul	
17) Pyrene	19.64	202	4517m	0.080	ng/ul	
18) Benzo(a)anthracene	21.39	228	2851m	0.057	ng/ul	
19) Chrysene	21.44	228	3850m	0.067	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	5194m	0.093	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1852m	0.034	ng/ul	
23) Benzo(a)pyrene	23.62	252	2427	0.050	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	26.08	276	2067	0.037	ng/ul#	97
26) Benzo(g,h,i)perylene	26.81	276	1846	0.038	ng/ul#	53

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

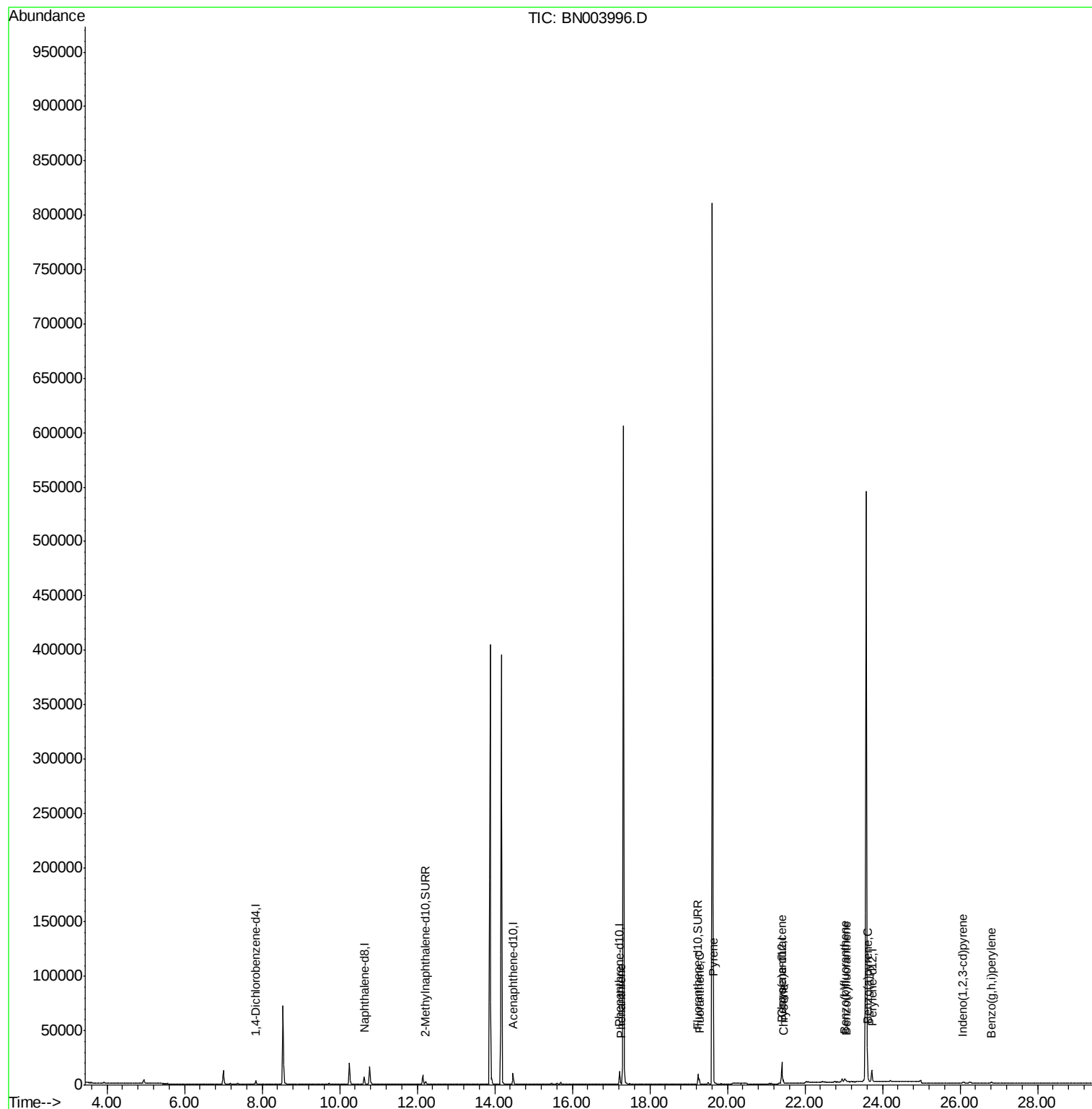
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
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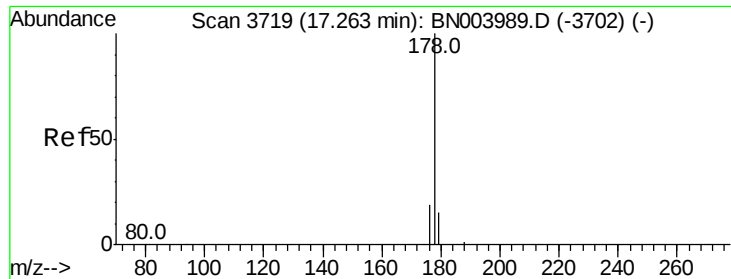
Instrument :
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#12

Phenanthrene

Concen: 0.047 ng/ul m

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

Instrument :

BNA_N

ClientSampleId :

F9E94

Tot Ion:178 Resp: 2127

Ion Ratio Lower Upper

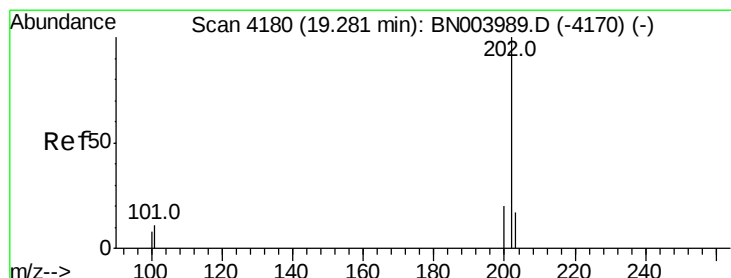
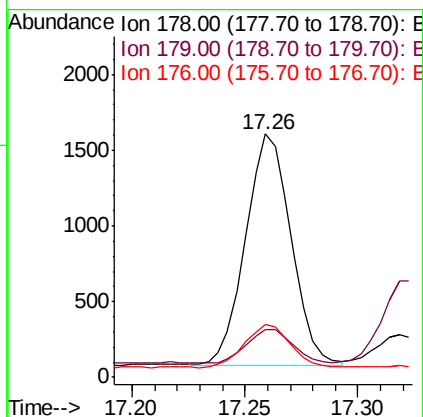
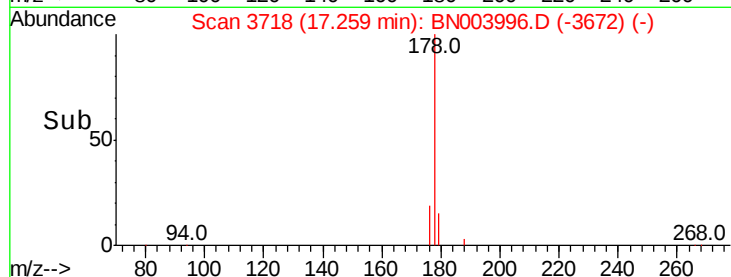
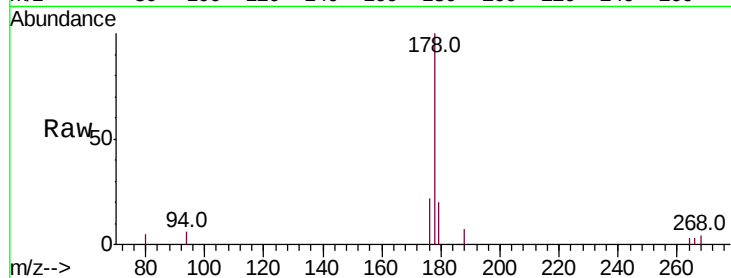
178 100

179 19.8 12.5 18.7#

176 21.8 15.0 22.4

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#15

Fluoranthene

Concen: 0.084 ng/ul m

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

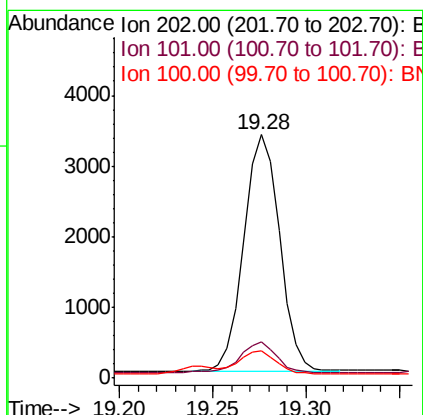
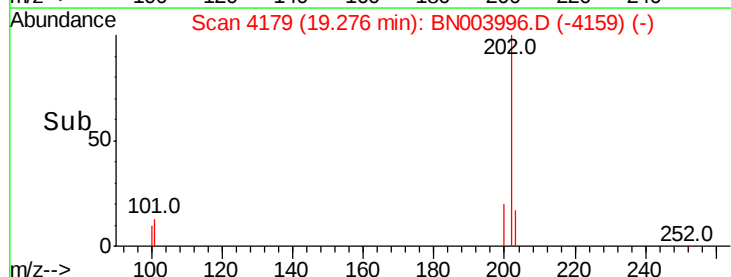
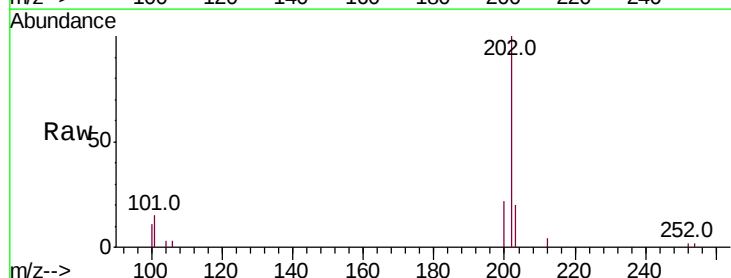
Tgt Ion:202 Resp: 4494

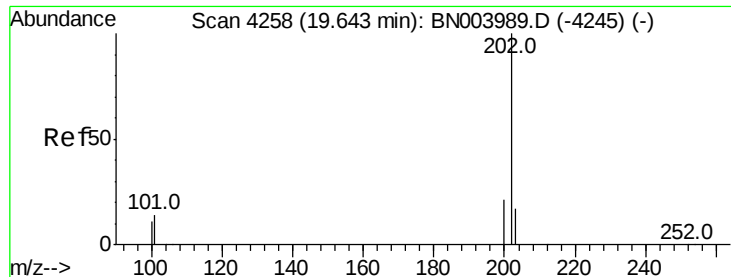
Ion Ratio Lower Upper

202 100

101 14.7 0.0 30.7

100 11.3 0.0 28.1





#17

Pvrene

Concen: 0.080 ng/ul m

RT: 19.64 min Scan# 4258

Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

Instrument :

BNA_N

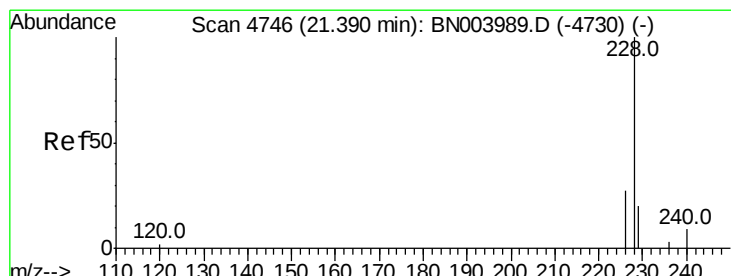
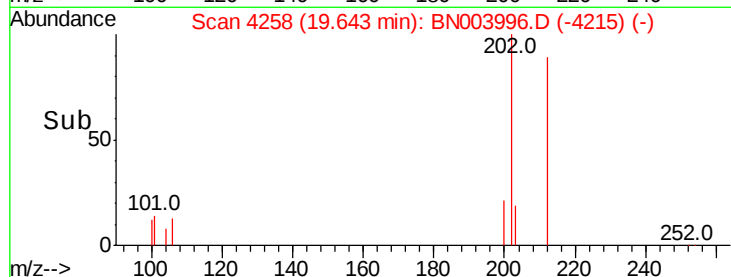
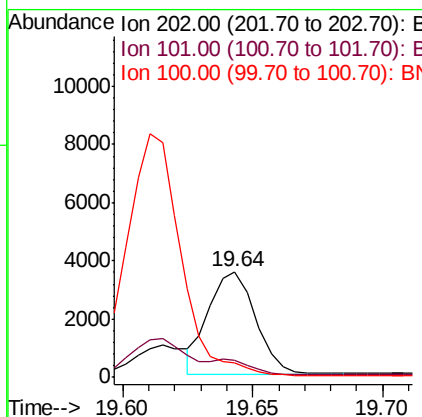
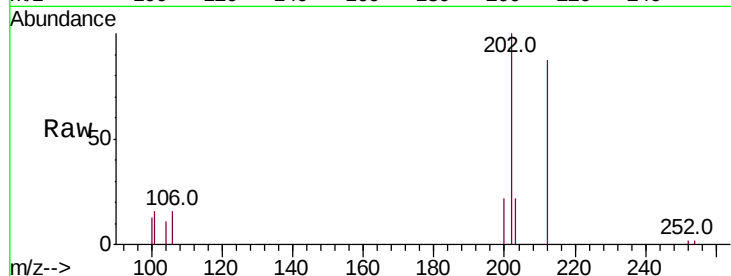
ClientSampled :

F9E94

Tot Ion:	202	Resp:	4517
Ion Ratio	Lower	Upper	
202	100		
101	15.7	10.3	15.5#
100	13.5	8.5	12.7#

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#18

Benzo(a)anthracene

Concen: 0.057 ng/ul m

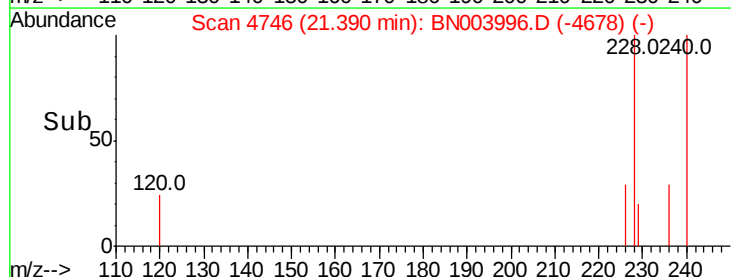
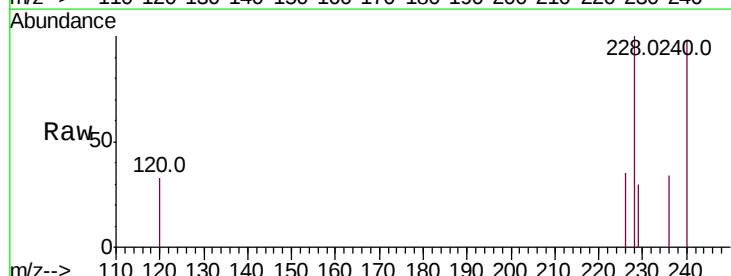
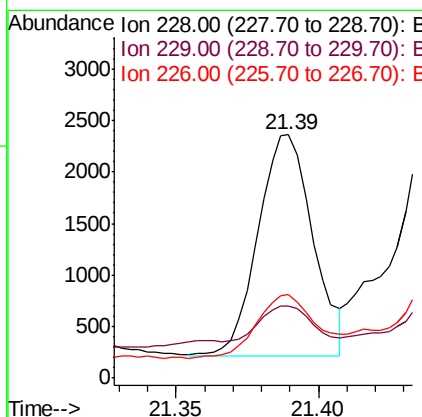
RT: 21.39 min Scan# 4746

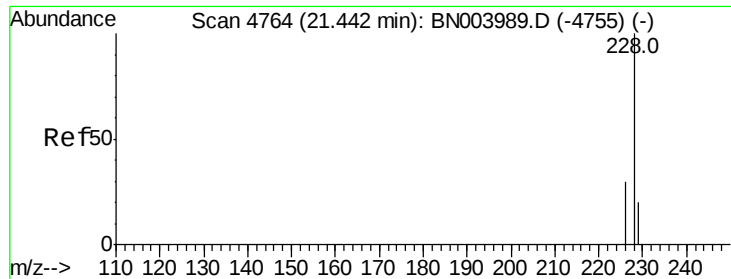
Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

Tgt Ion:	228	Resp:	2851
Ion Ratio	Lower	Upper	
228	100		
229	29.8	15.6	23.4#
226	34.5	21.1	31.7#





#19

Chrysene

Concen: 0.067 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

Instrument :

BNA_N

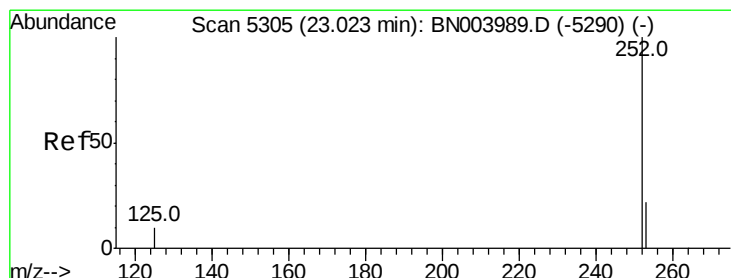
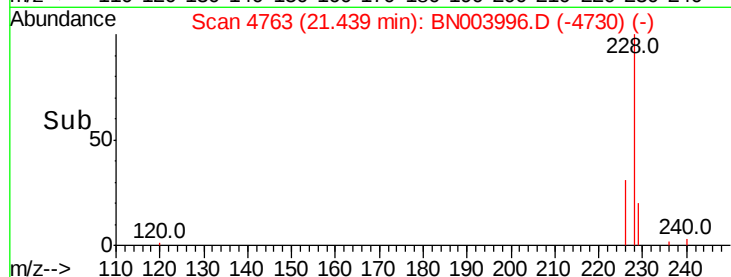
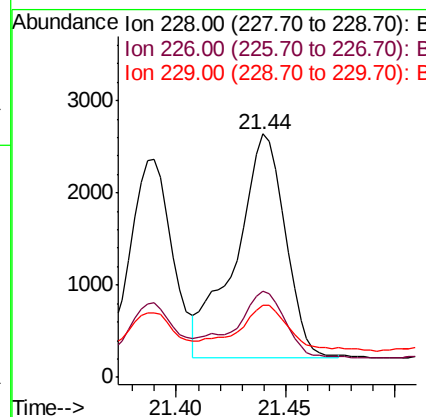
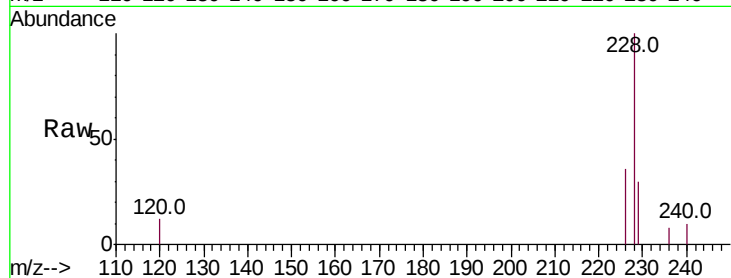
ClientSampled :

F9E94

Tot Ion:	228	Resp:	3850
Ion Ratio	Lower	Upper	
228	100		
226	35.7	24.0	36.0
229	29.6	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.093 ng/ul m

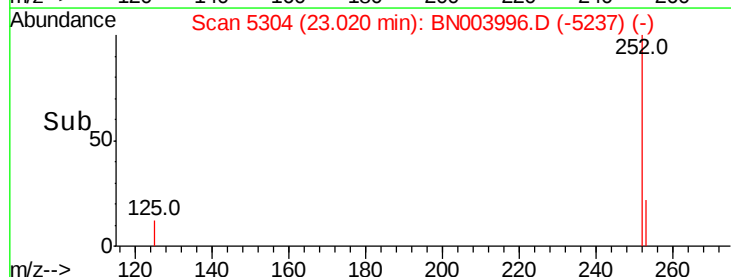
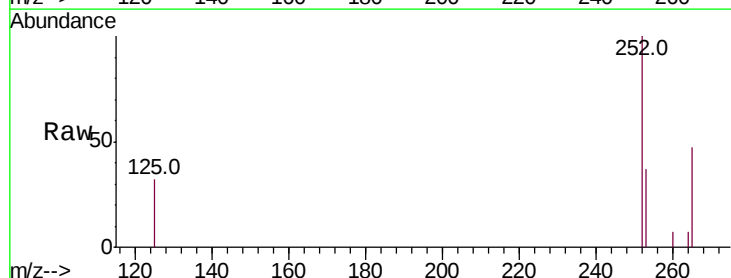
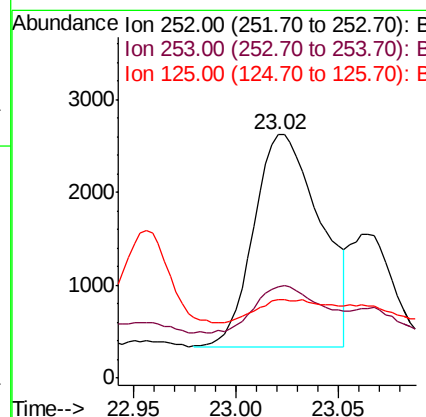
RT: 23.02 min Scan# 5304

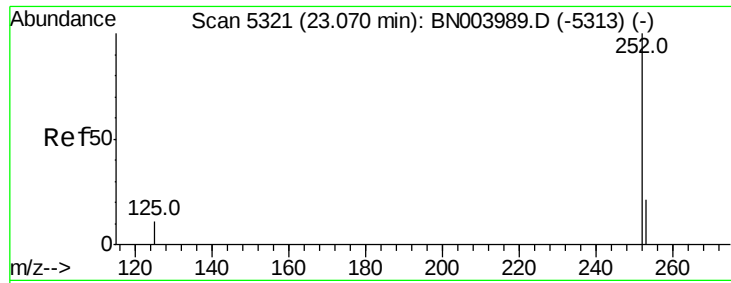
Delta R.T. -0.00 min

Lab File: BN003996.D

Acq: 16 Dec 2018 15:47

Tgt Ion:	252	Resp:	5194
Ion Ratio	Lower	Upper	
252	100		
253	37.4	0.0	46.0
125	32.2	0.0	22.4#





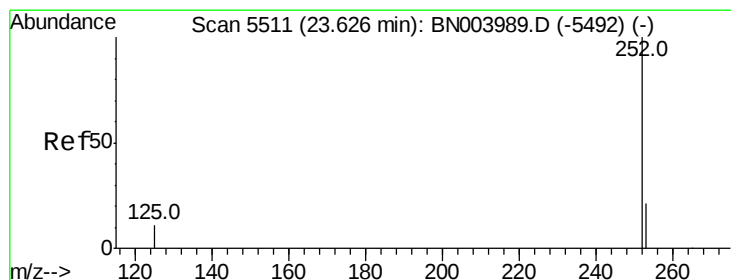
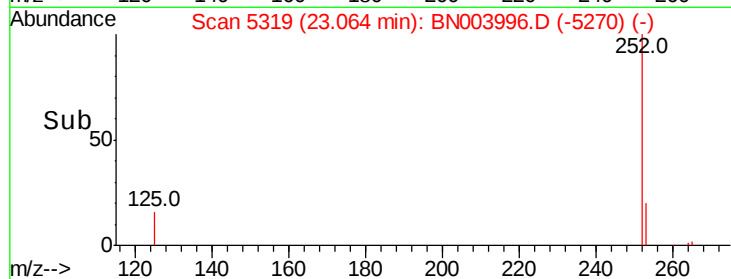
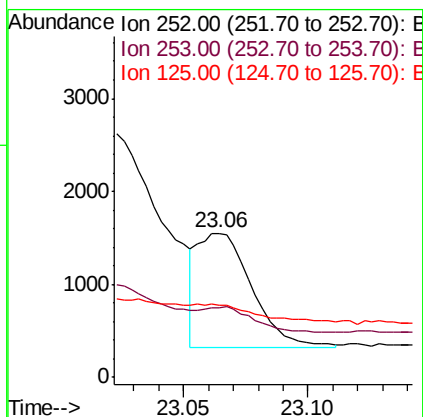
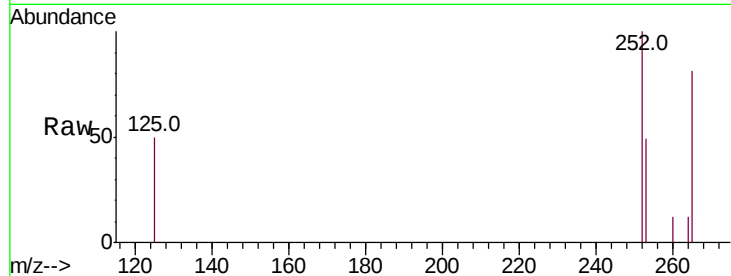
#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN003996.D
Acq: 16 Dec 2018 15:47

Instrument :
BNA_N
ClientSampled :
F9E94

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.6	18.5	27.7#
125	49.9	9.0	13.6#

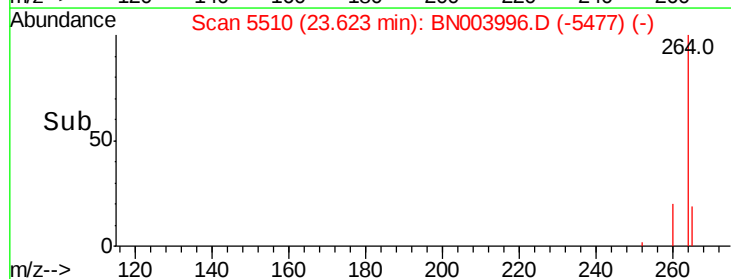
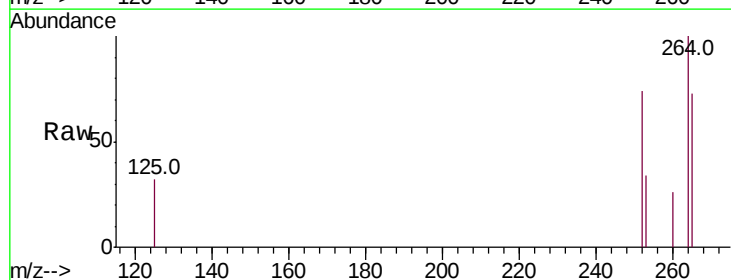
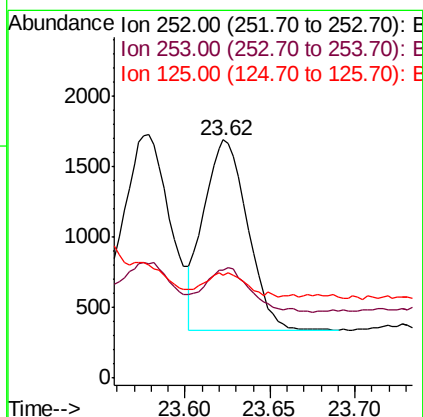
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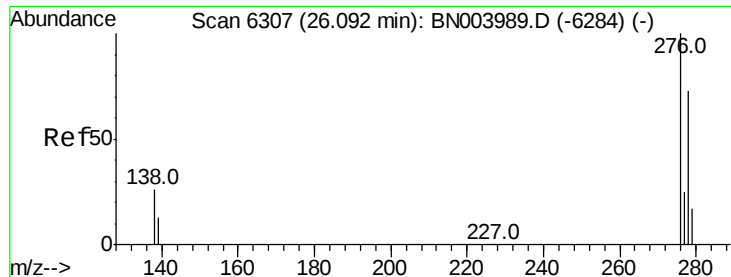
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#23
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN003996.D
Acq: 16 Dec 2018 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.5	19.0	28.4#
125	43.2	10.2	15.4#





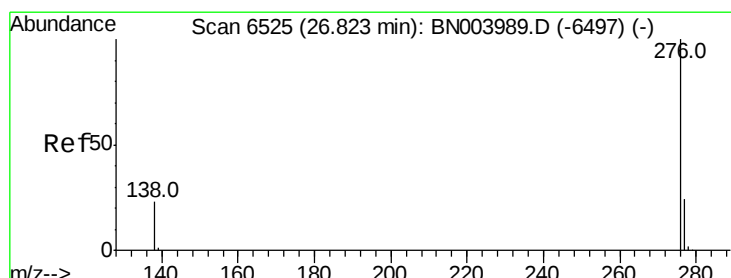
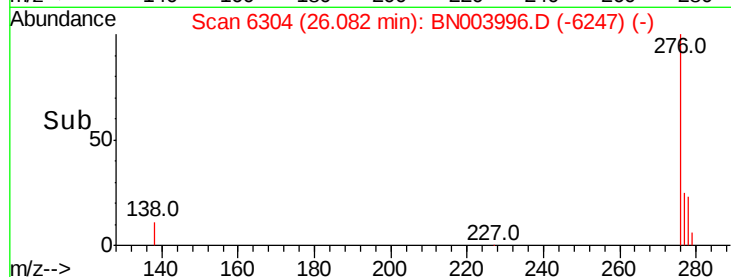
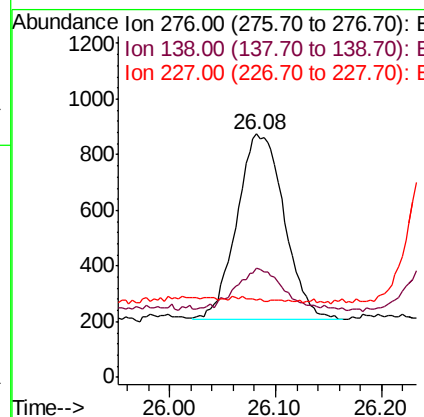
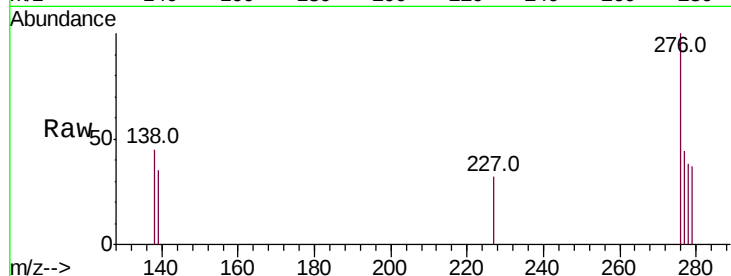
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng/ul
 RT: 26.08 min Scan# 6304
 Delta R.T. -0.01 min
 Lab File: BN003996.D
 Acq: 16 Dec 2018 15:47

Instrument :
 BNA_N
 ClientSampled :
 F9E94

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.3	30.5
227	0.0	0.2	0.2

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#26
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul
 RT: 26.81 min Scan# 6522
 Delta R.T. -0.01 min
 Lab File: BN003996.D
 Acq: 16 Dec 2018 15:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.0	17.7	26.5
277	45.5	19.3	28.9

