

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN003993.D
 Acq On : 16 Dec 2018 14:01
 Operator : JU/SJ
 Sample : J6229-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E96

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Quant Time: Dec 17 04:40:12 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	2040	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9808	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5795	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14568m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16159m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13752m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3270	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	10084m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.29	142	1057	0.055	ng/ul	98
12) Phenanthrene	17.26	178	19474	0.407	ng/ul	99
13) Anthracene	17.35	178	1124m	0.029	ng/ul	
15) Fluoranthene	19.28	202	7309m	0.129	ng/ul	
17) Pyrene	19.64	202	18715m	0.323	ng/ul	
18) Benzo(a)anthracene	21.39	228	9822m	0.192	ng/ul	
19) Chrysene	21.44	228	30611m	0.524	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	12287m	0.216	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2356m	0.043	ng/ul	
23) Benzo(a)pyrene	23.62	252	8432m	0.171	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	5608m	0.099	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	3591m	0.079	ng/ul	
26) Benzo(g,h,i)perylene	26.82	276	8953m	0.182	ng/ul	

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

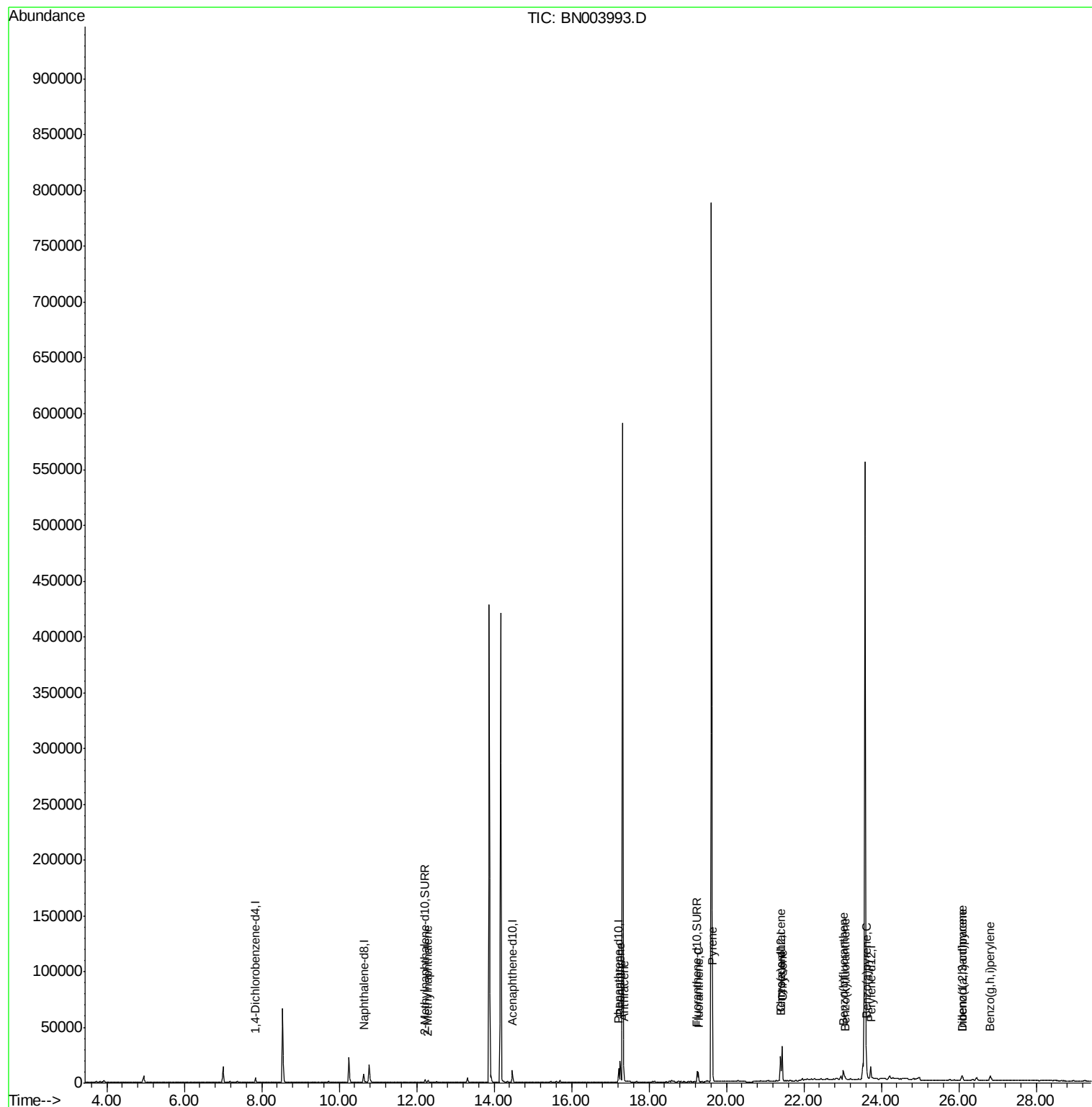
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN003993.D
Acq On : 16 Dec 2018 14:01
Operator : JU/SJ
Sample : J6229-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

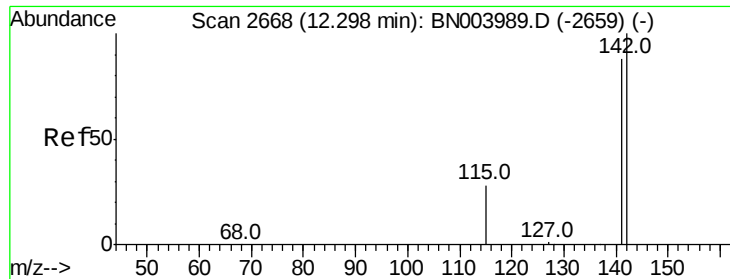
Instrument :
BNA_N
ClientSampleId :
F9E96

Quant Time: Dec 17 04:40:12 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
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#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

Instrument :

BNA_N

ClientSampleId :

F9E96

Tot Ion:142 Resp: 1057

Ion Ratio Lower Upper

142 100

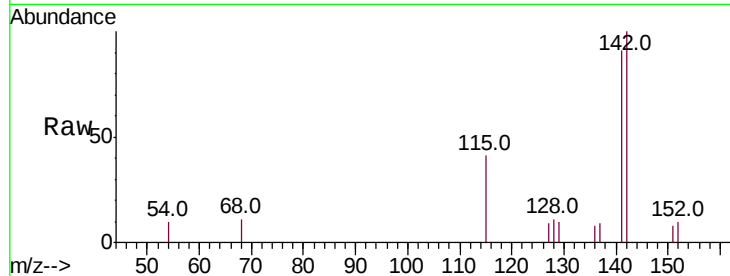
141 91.7 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

800

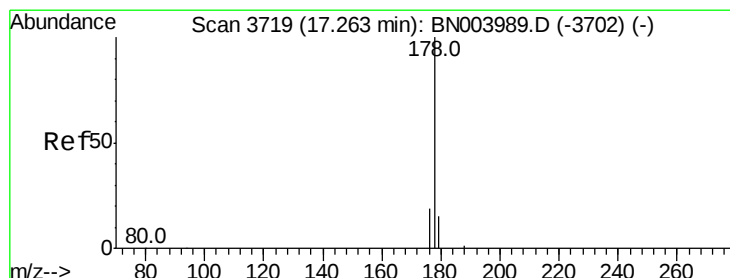
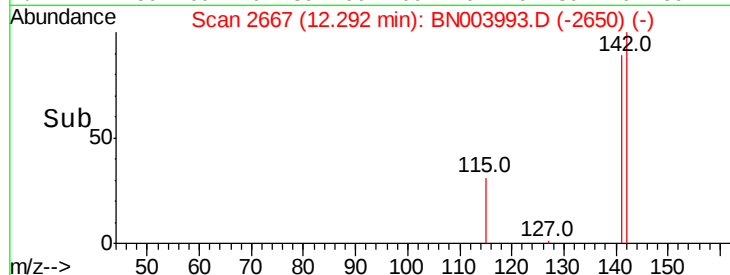
600

400

200

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.407 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

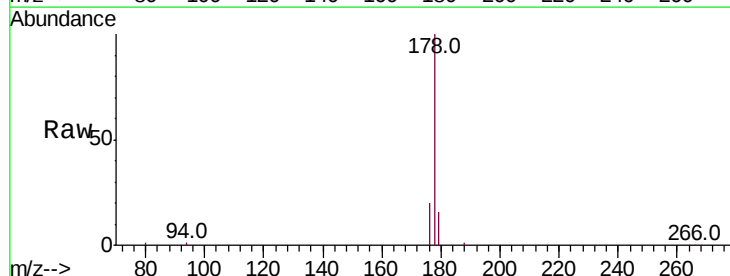
Tgt Ion:178 Resp: 19474

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.5 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

17.26

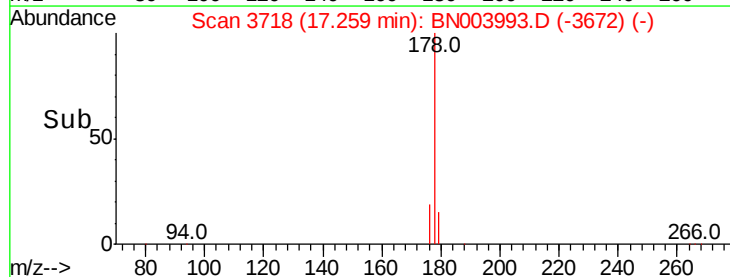
15000

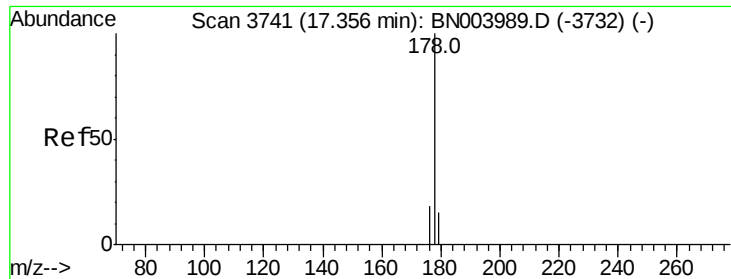
10000

5000

0

Time--> 17.20 17.25 17.30





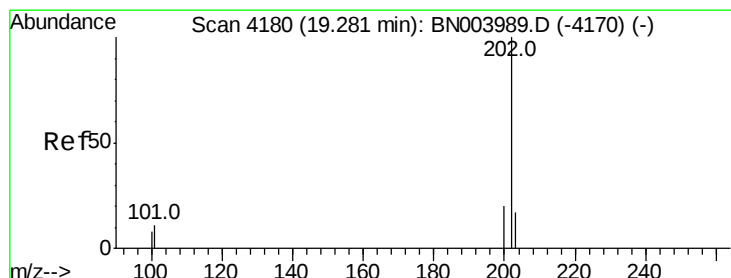
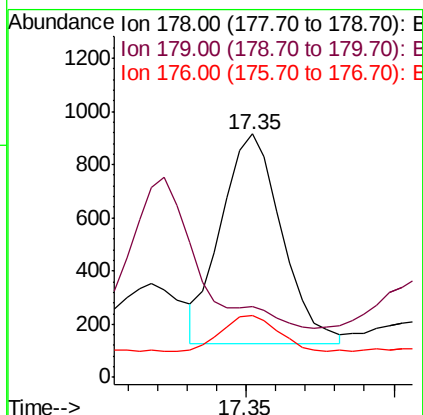
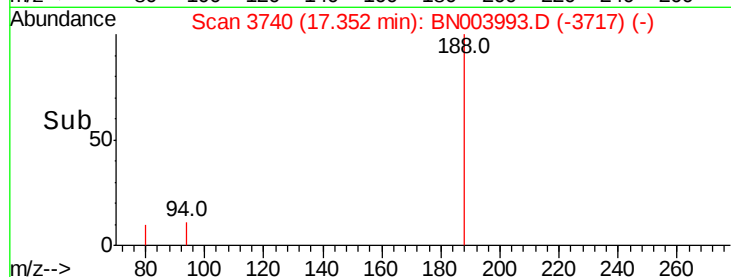
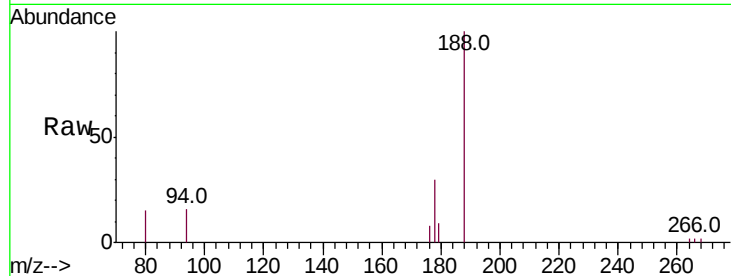
#13
 Anthracene
 Concen: 0.029 ng/ul m
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN003993.D
 Acq: 16 Dec 2018 14:01

Instrument :
 BNA_N
 ClientSampleId :
 F9E96

Tot Ion:178 Resp: 1124
 Ion Ratio Lower Upper
 178 100
 179 28.9 12.3 18.5#
 176 25.4 14.8 22.2#

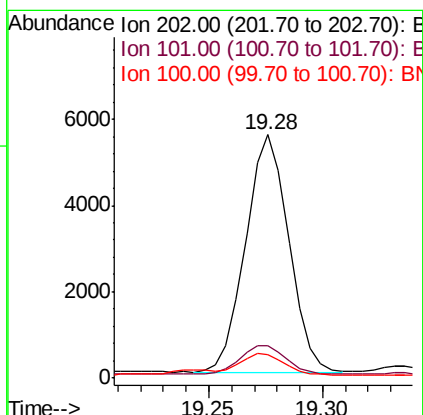
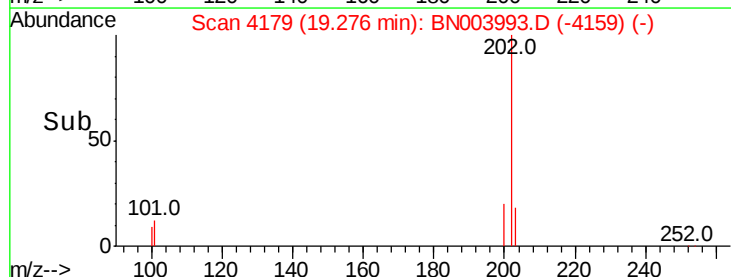
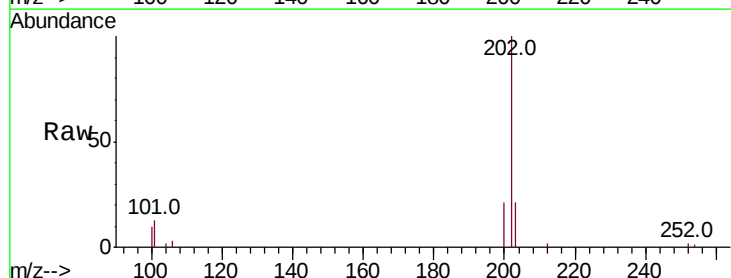
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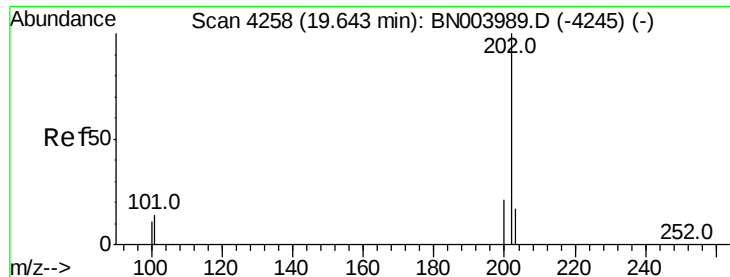
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#15
 Fluoranthene
 Concen: 0.129 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN003993.D
 Acq: 16 Dec 2018 14:01

Tgt Ion:202 Resp: 7309
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 30.7
 100 9.9 0.0 28.1





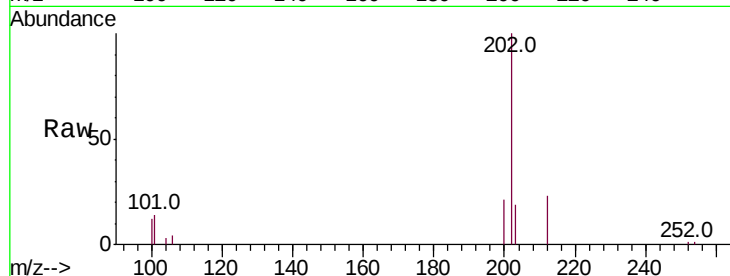
#17
Pvrene
Concen: 0.323 ng/ul m
RT: 19.64 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BN003993.D
Acq: 16 Dec 2018 14:01

Instrument :
BNA_N
ClientSampleId :
F9E96

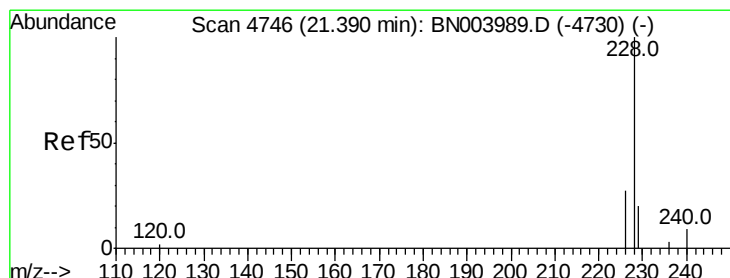
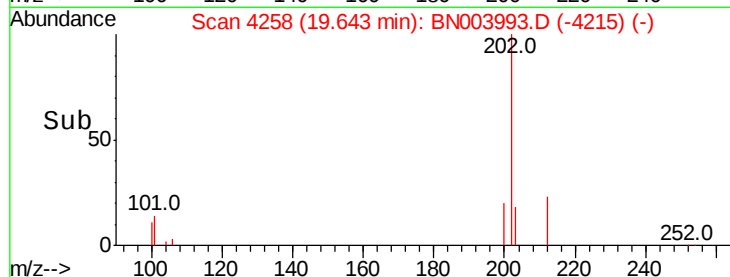
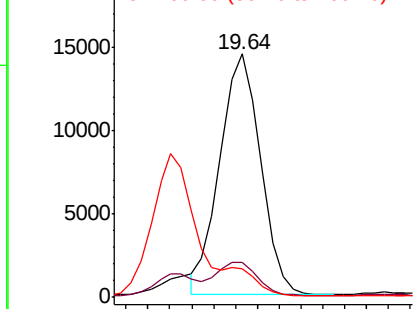
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.6	8.5	12.7

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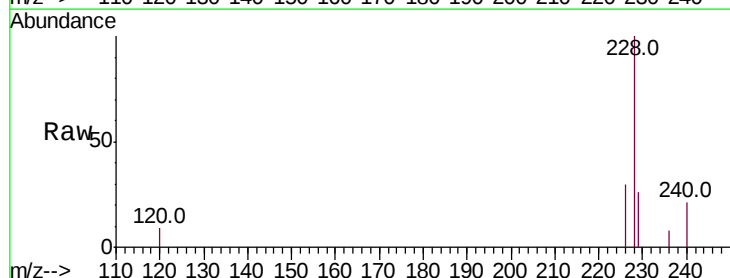


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

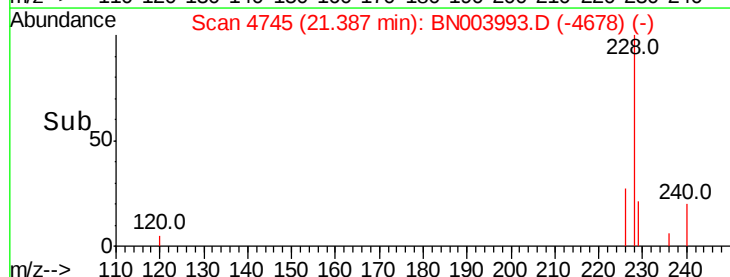
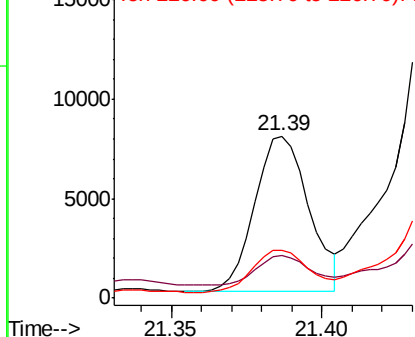


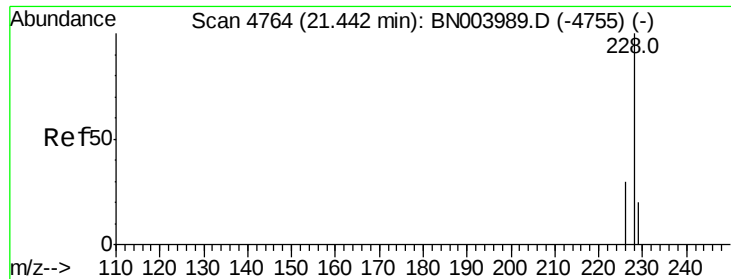
#18
Benzo(a)anthracene
Concen: 0.192 ng/ul m
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN003993.D
Acq: 16 Dec 2018 14:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	26.1	15.6	23.4#
226	29.8	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: 0.524 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

Instrument :

BNA_N

ClientSampleId :

F9E96

Tot Ion:228 Resp: 30611

Ion Ratio Lower Upper

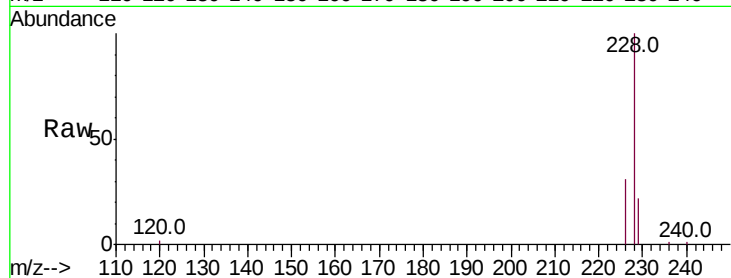
228 100

226 31.1 24.0 36.0

229 22.0 15.7 23.5

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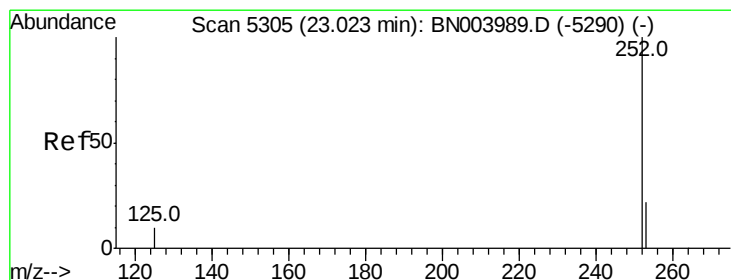
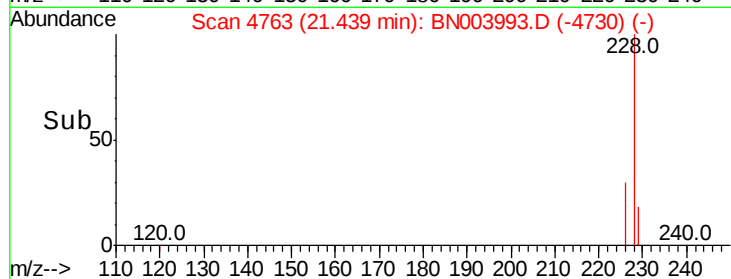
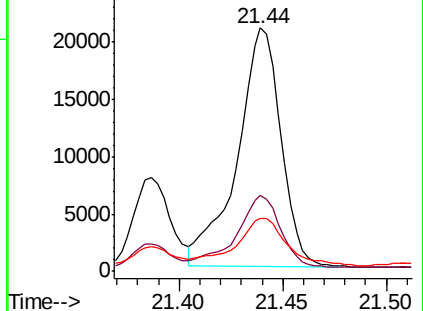
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.216 ng/ul m

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

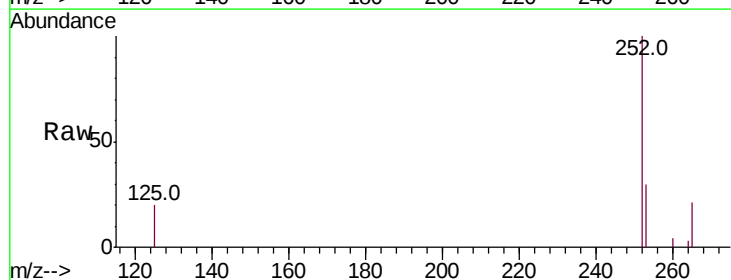
Tgt Ion:252 Resp: 12287

Ion Ratio Lower Upper

252 100

253 29.7 0.0 46.0

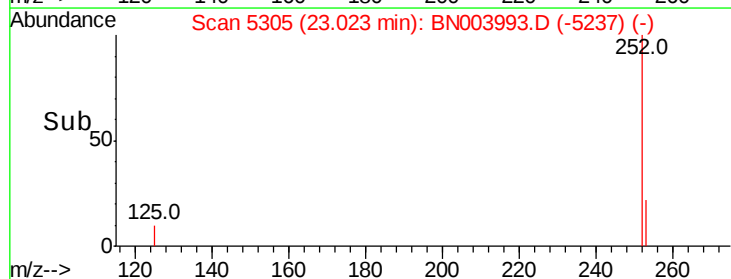
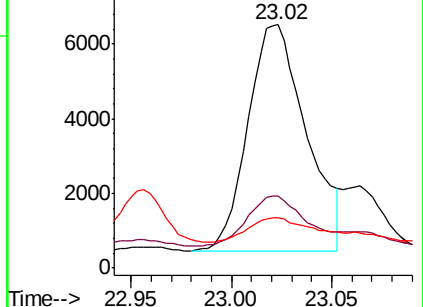
125 20.5 0.0 22.4

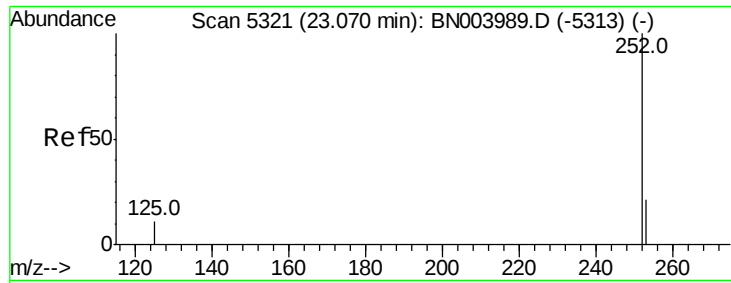


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.043 ng/ul m

RT: 23.06 min Scan# 5319

Delta R.T. -0.01 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

Instrument :

BNA_N

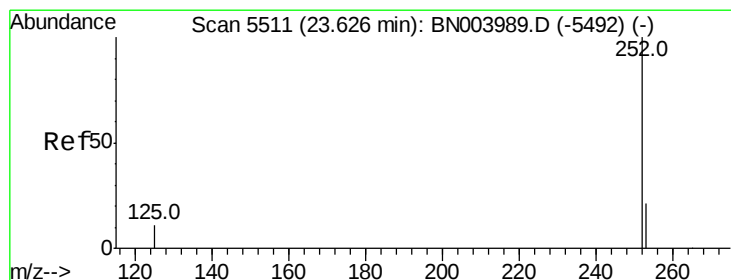
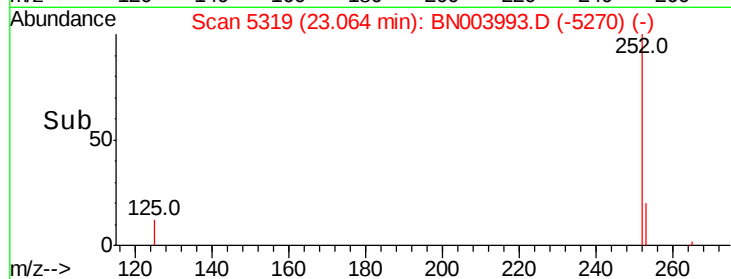
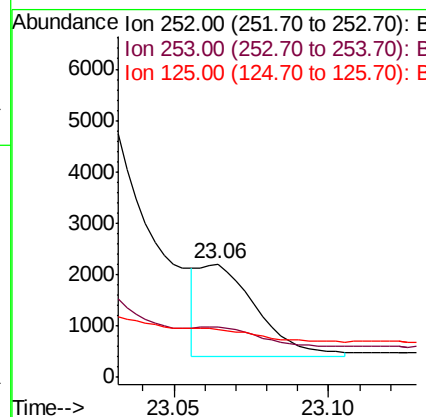
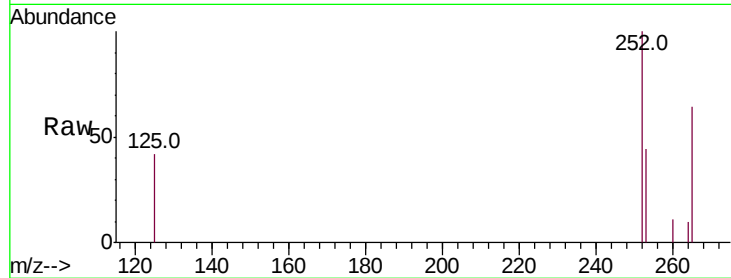
ClientSampled :

F9E96

Tot Ion:	252	Resp:	2356
Ion Ratio	Lower	Upper	
252	100		
253	44.3	18.5	27.7#
125	42.5	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.171 ng/ul m

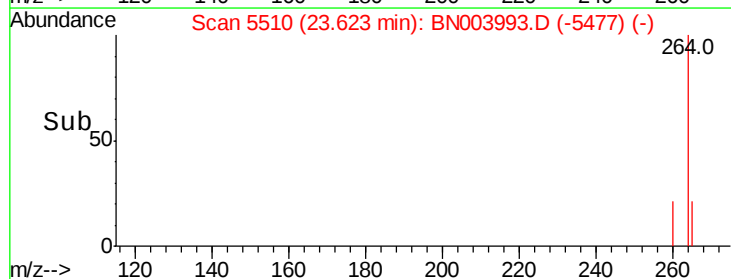
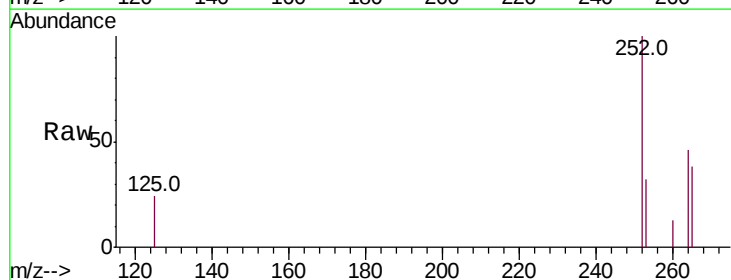
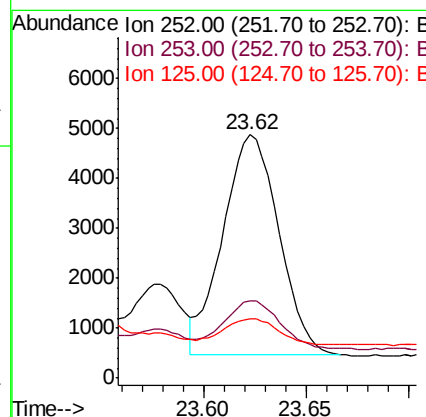
RT: 23.62 min Scan# 5510

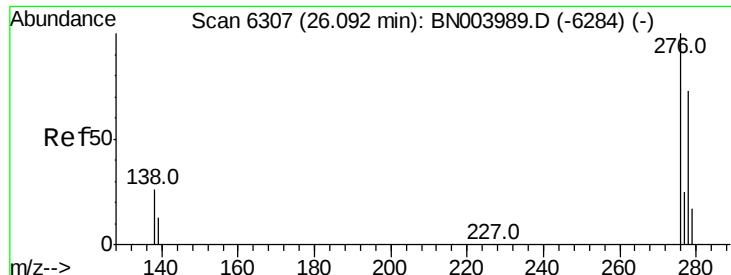
Delta R.T. -0.00 min

Lab File: BN003993.D

Acq: 16 Dec 2018 14:01

Tgt Ion:	252	Resp:	8432
Ion Ratio	Lower	Upper	
252	100		
253	31.5	19.0	28.4#
125	24.1	10.2	15.4#





#24

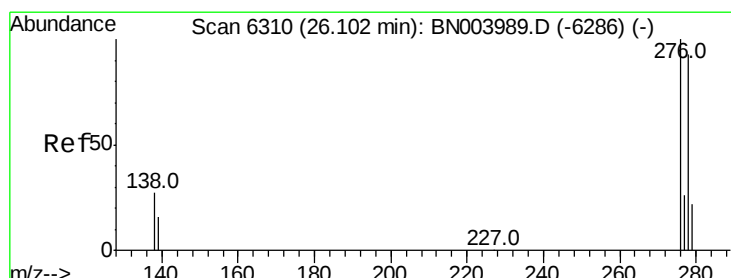
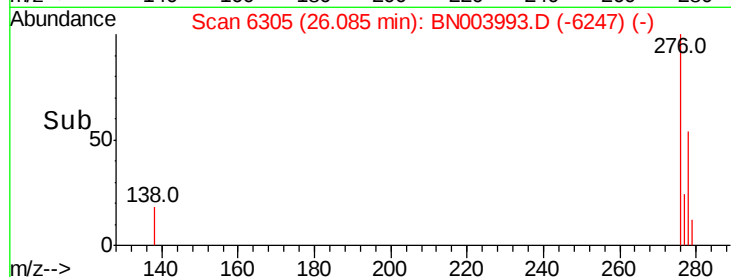
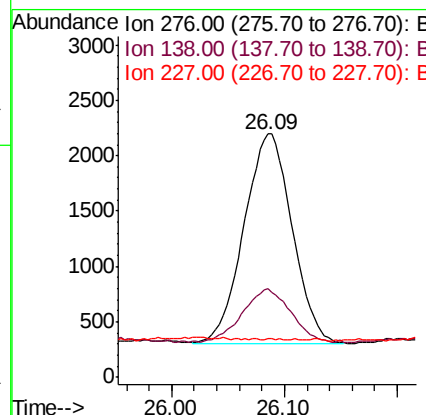
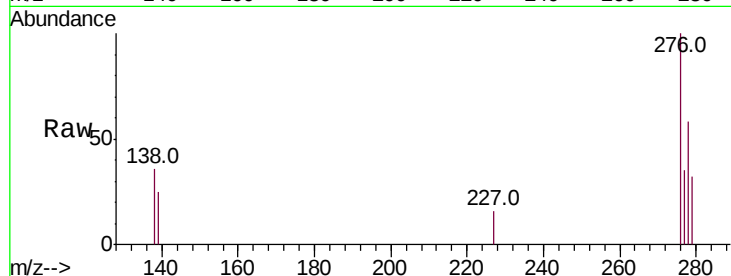
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul m
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN003993.D
Acq: 16 Dec 2018 14:01

Instrument :
BNA_N
ClientSampled :
F9E96

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.8	20.3	30.5#
227	0.2	0.2	0.2#

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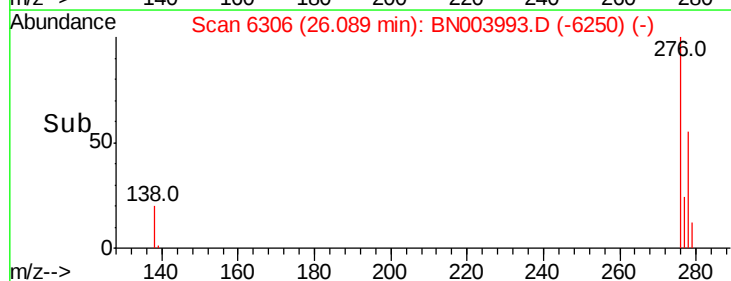
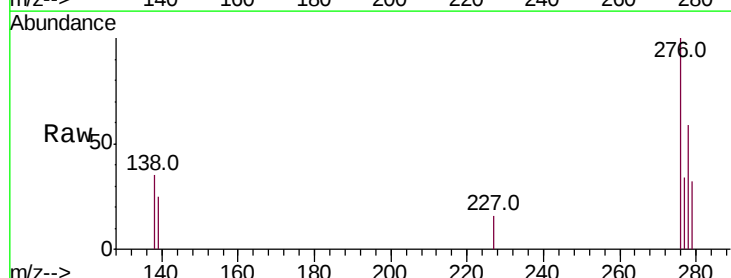
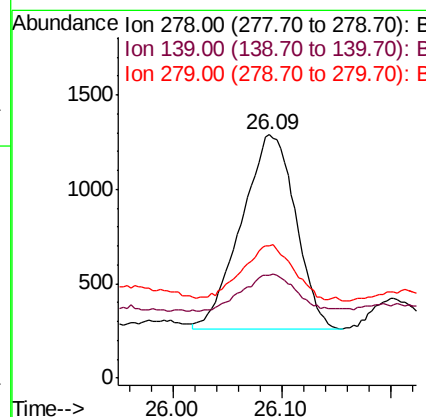
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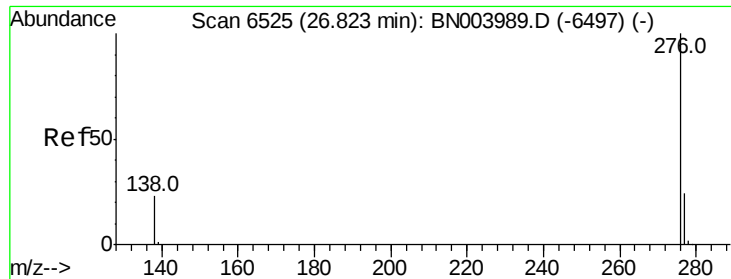


#25

Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN003993.D
Acq: 16 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.4	14.2	21.4#
279	54.1	19.8	29.6#





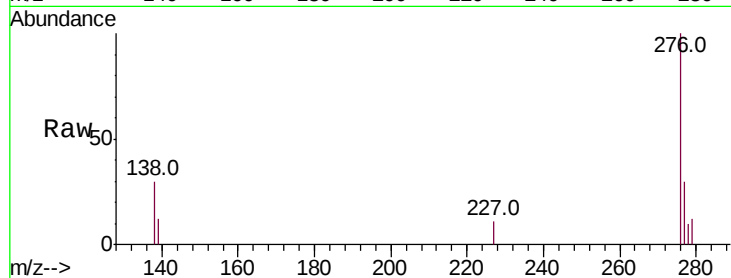
#26
 Benzo(a,h,i)perylene
 Concen: 0.182 ng/ul m
 RT: 26.82 min Scan# 6523
 Delta R.T. -0.01 min
 Lab File: BN003993.D
 Acq: 16 Dec 2018 14:01

Instrument :
 BNA_N
 ClientSampleId :
 F9E96

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	17.7	26.5#
277	30.1	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

