

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007018.D
 Acq On : 08 Aug 2019 10:27
 Operator : HP/JU
 Sample : K3962-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP28

Manual Integrations
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 8/9/2019 6:16:32 AM

Quant Time: Aug 08 12:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8029	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	31908	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	19483	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	49992m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	45509m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	37641m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	8315	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	30912m	0.19	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	8346	0.052	ng/ul	98
15) Fluoranthene	18.93	202	24655m	0.124	ng/ul	
17) Pyrene	19.30	202	25671	0.126	ng/ul	99
18) Benzo(a)anthracene	21.06	228	11460	0.057	ng/ul	93
19) Chrysene	21.11	228	13961m	0.075	ng/ul	
21) Benzo(b)fluoranthene	22.58	252	15398m	0.101	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	5754m	0.039	ng/ul	
23) Benzo(a)pyrene	23.12	252	9972m	0.069	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.30	276	6286m	0.041	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	6390m	0.049	ng/ul	

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

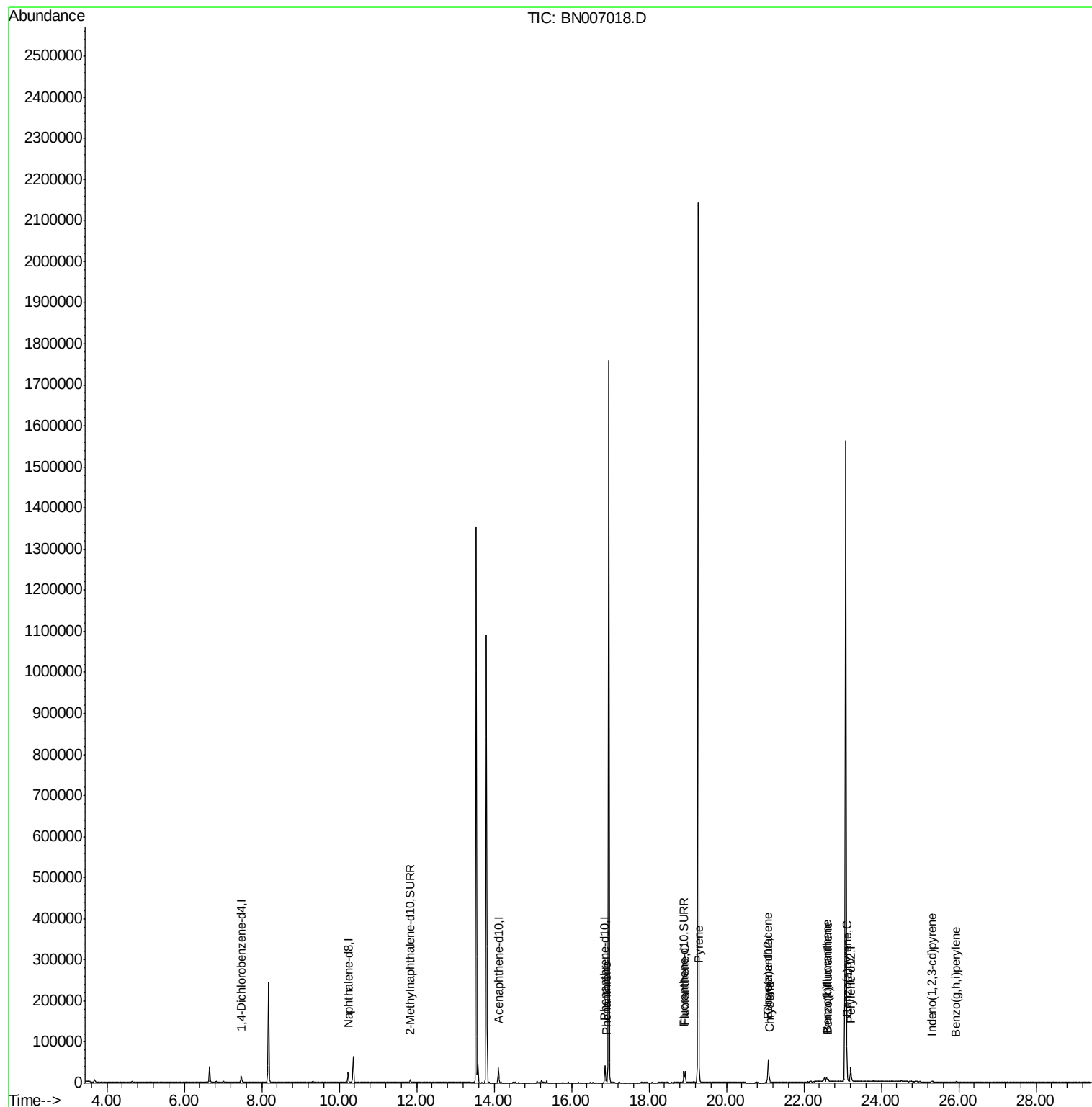
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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ALS Vial : 39 Sample Multiplier: 1

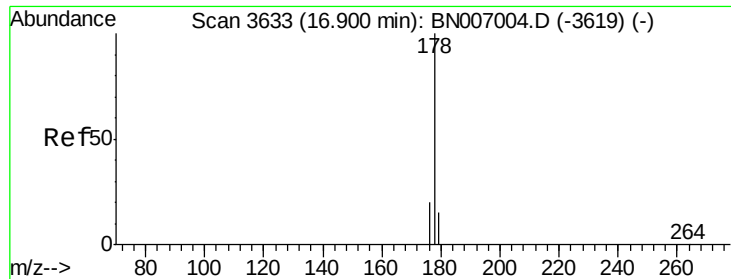
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#12

Phenanthrene

Concen: 0.052 ng/ul

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN007018.D

Acq: 08 Aug 2019 10:27

Instrument :

BNA_N

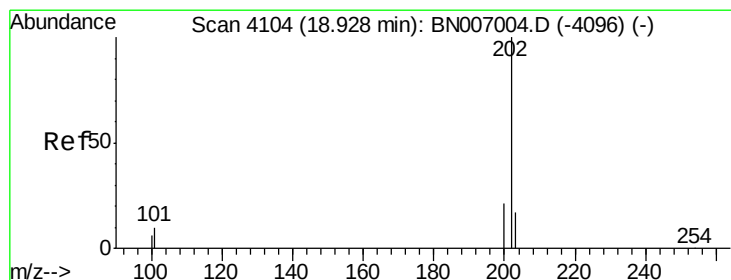
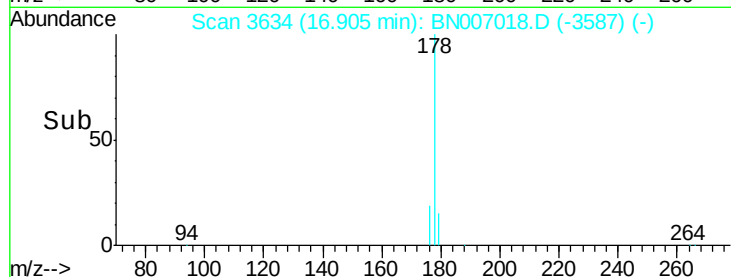
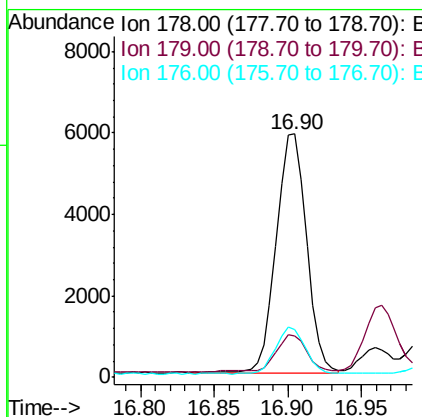
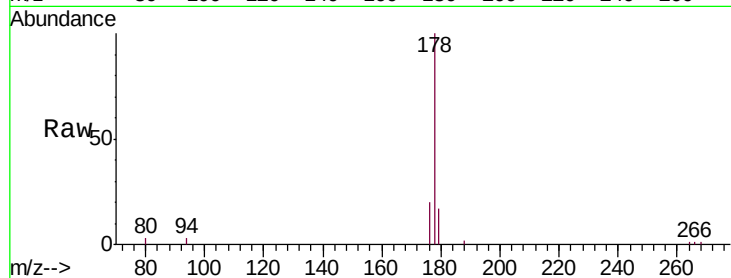
ClientSampleId :

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Tgt Ion:	178	Resp:	8346
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.5	18.7
176	19.9	15.6	23.4

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#15

Fluoranthene

Concen: 0.124 ng/ul m

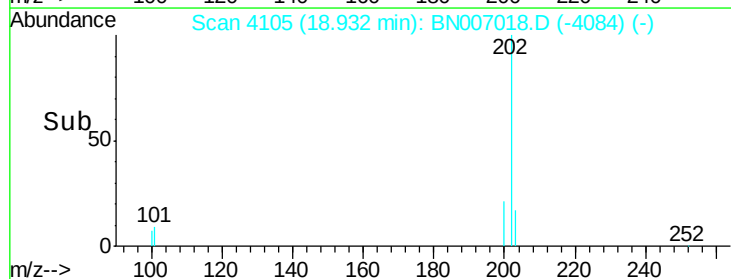
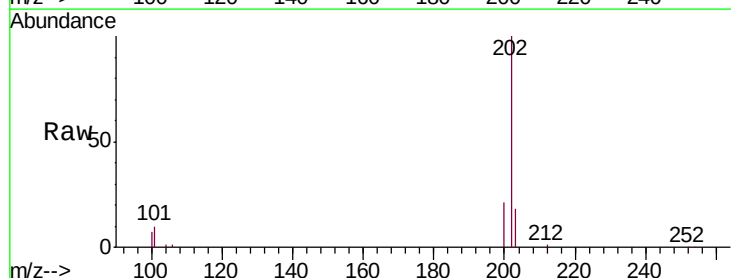
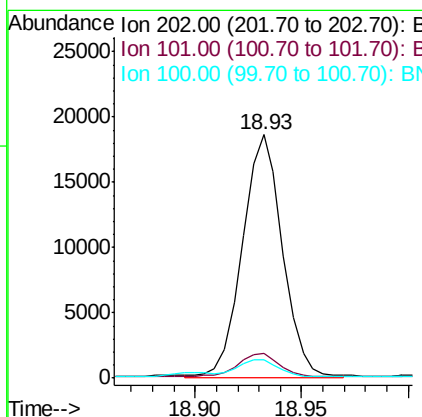
RT: 18.93 min Scan# 4105

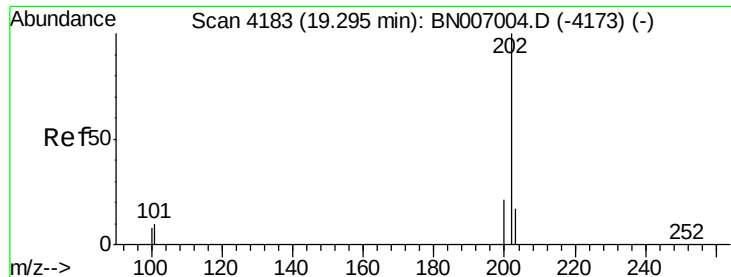
Delta R.T. -0.00 min

Lab File: BN007018.D

Acq: 08 Aug 2019 10:27

Tgt Ion:	202	Resp:	24655
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
100	7.4	0.0	27.7





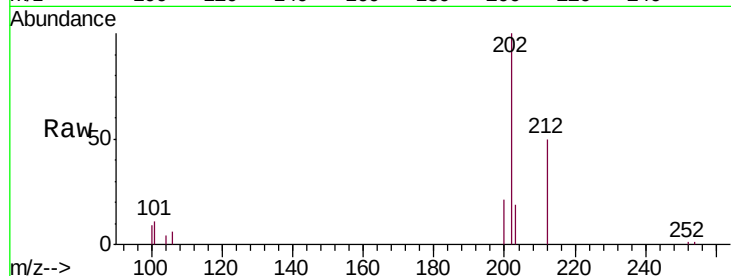
#17
 Pyrene
 Concen: 0.126 ng/ul
 RT: 19.30 min Scan# 4184
 Delta R.T. -0.00 min
 Lab File: BN007018.D
 Acq: 08 Aug 2019 10:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP28

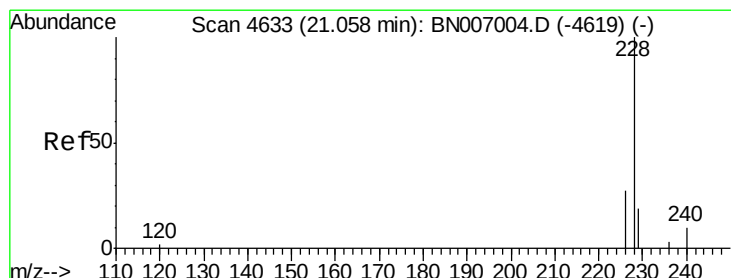
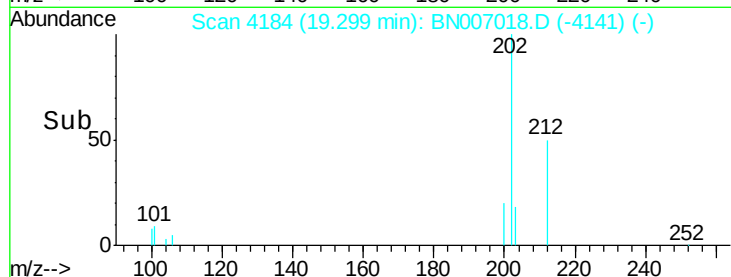
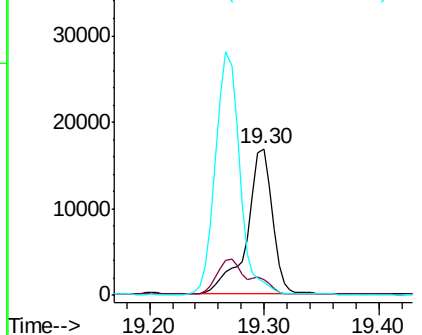
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	9.3	13.9
100	9.1	7.3	10.9

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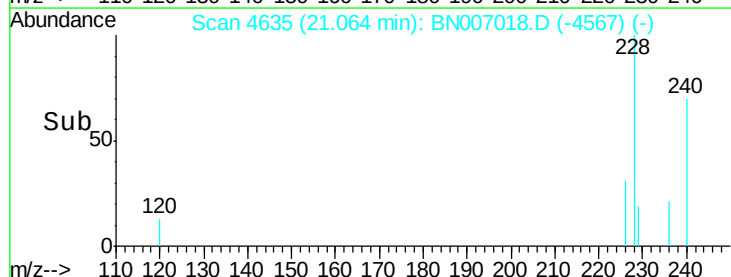
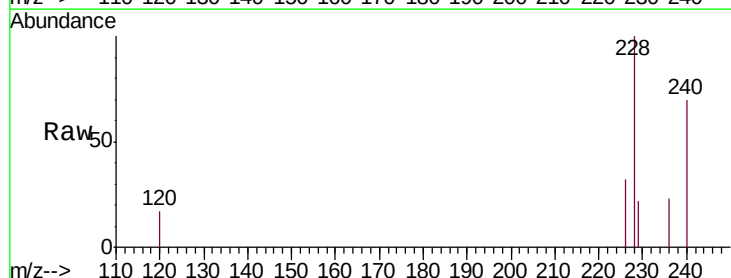
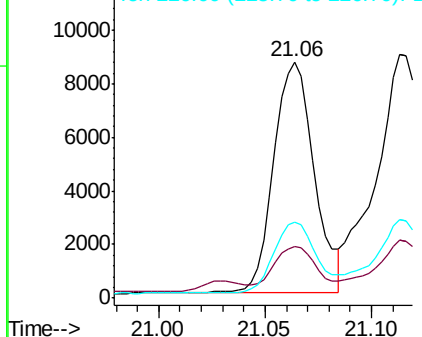
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

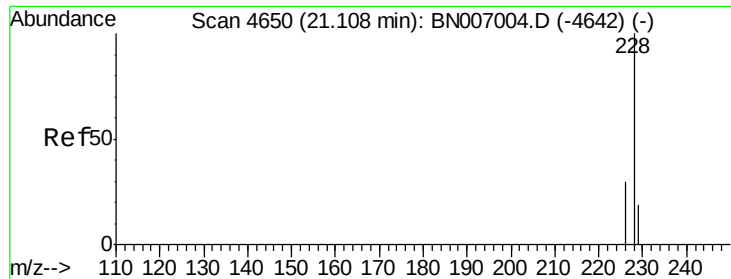


#18
 Benzo(a)anthracene
 Concen: 0.057 ng/ul
 RT: 21.06 min Scan# 4635
 Delta R.T. -0.00 min
 Lab File: BN007018.D
 Acq: 08 Aug 2019 10:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.7	15.9	23.9
226	32.2	22.2	33.4

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: 0.075 ng/ul m

RT: 21.11 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BN007018.D

Acq: 08 Aug 2019 10:27

Instrument :

BNA_N

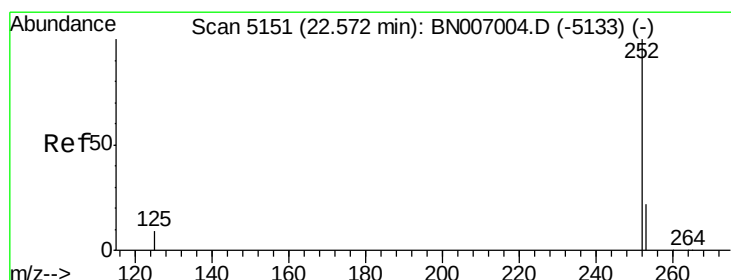
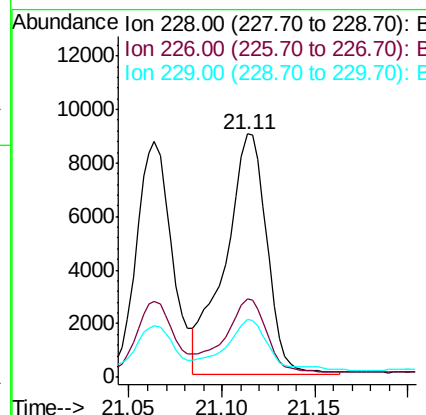
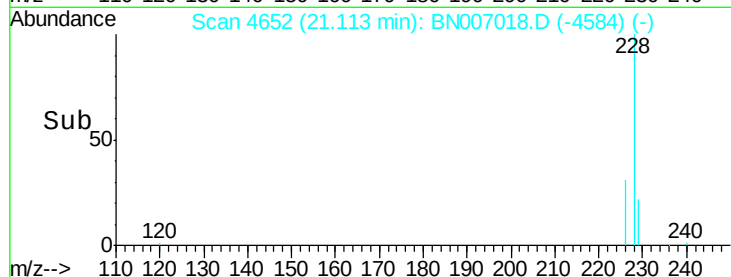
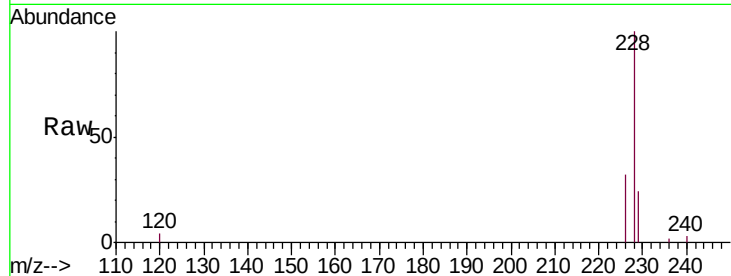
ClientSampleId :

BEP28

Tgt Ion:	228	Resp:	13961
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.7	37.1
229	23.8	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.101 ng/ul m

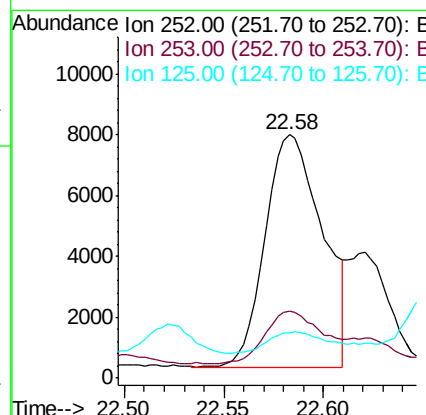
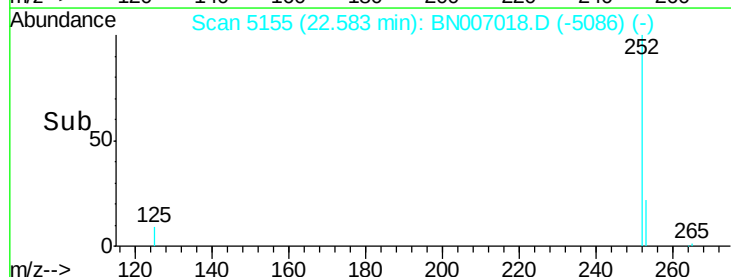
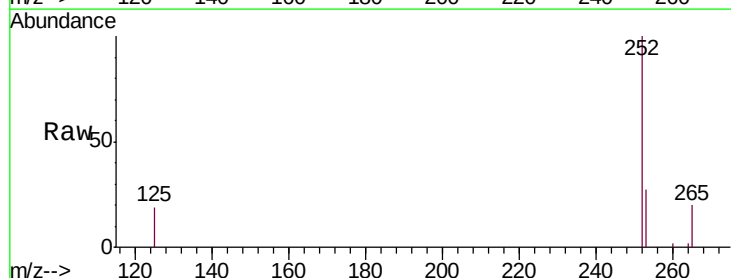
RT: 22.58 min Scan# 5155

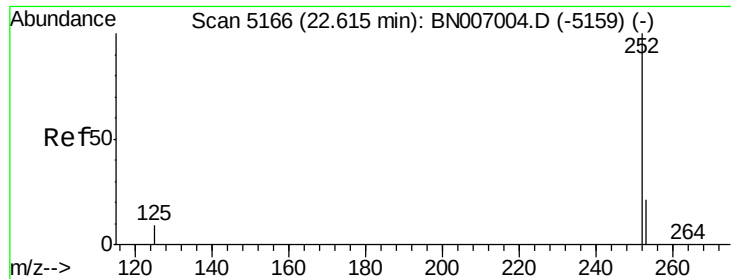
Delta R.T. 0.00 min

Lab File: BN007018.D

Acq: 08 Aug 2019 10:27

Tgt Ion:	252	Resp:	15398
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	45.2
125	18.5	0.0	22.2





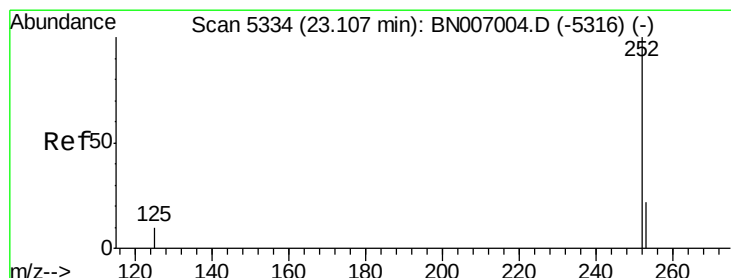
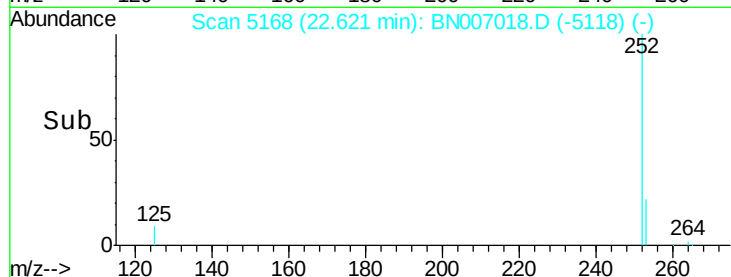
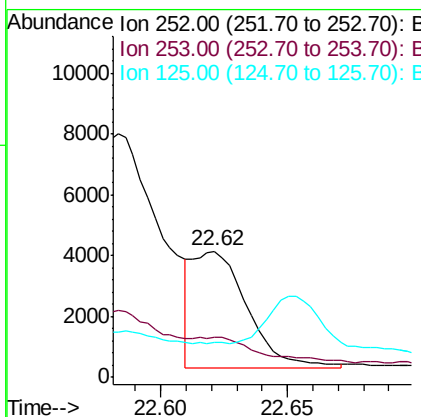
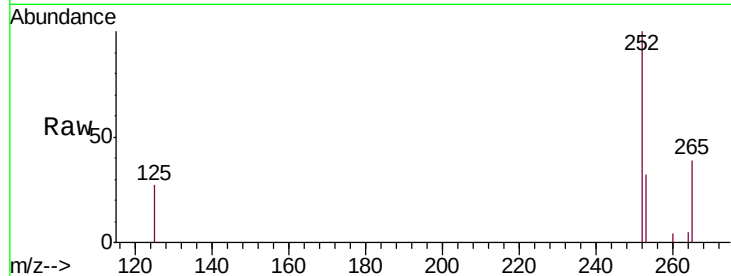
#22
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.62 min Scan# 5168
Delta R.T. -0.00 min
Lab File: BN007018.D
Acq: 08 Aug 2019 10:27

Instrument :
BNA_N
ClientSampled :
BEP28

Tgt Ion:252 Resp: 5754
Ion Ratio Lower Upper
252 100
253 32.2 18.6 28.0#
125 27.3 8.7 13.1#

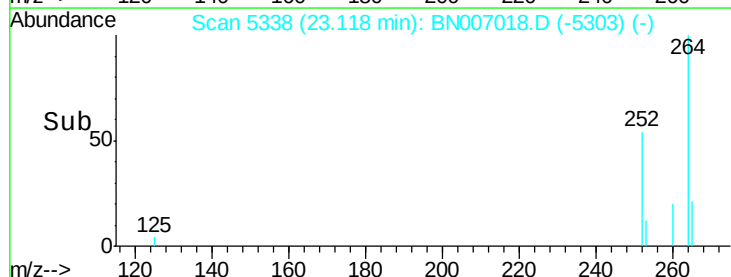
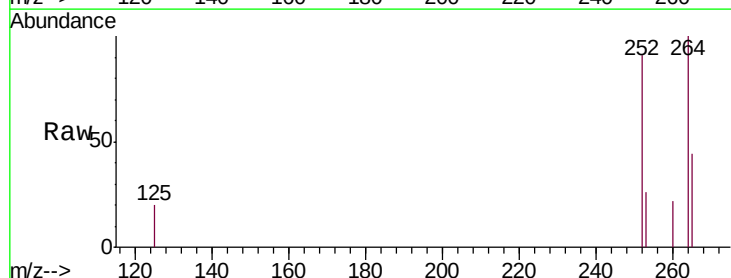
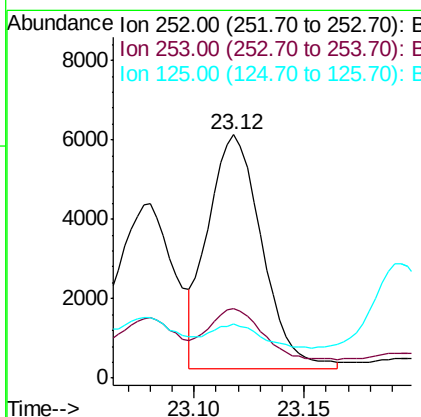
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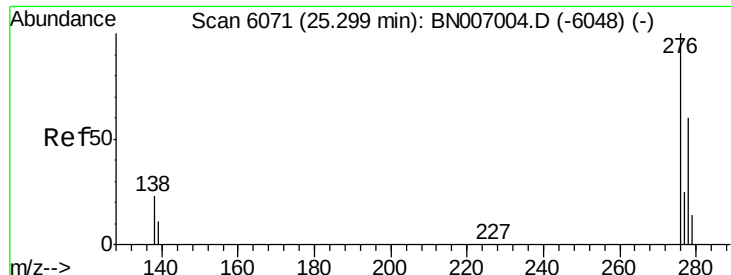
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#23
Benzo(a)pyrene
Concen: 0.069 ng/ul m
RT: 23.12 min Scan# 5338
Delta R.T. 0.00 min
Lab File: BN007018.D
Acq: 08 Aug 2019 10:27

Tgt Ion:252 Resp: 9972
Ion Ratio Lower Upper
252 100
253 28.3 18.0 27.0#
125 22.3 10.0 15.0#





#24

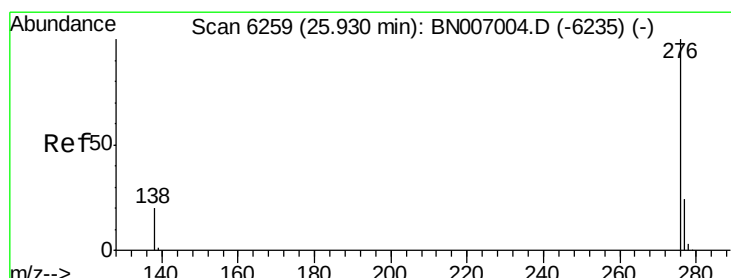
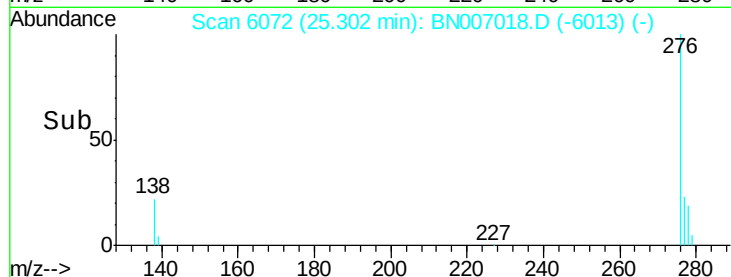
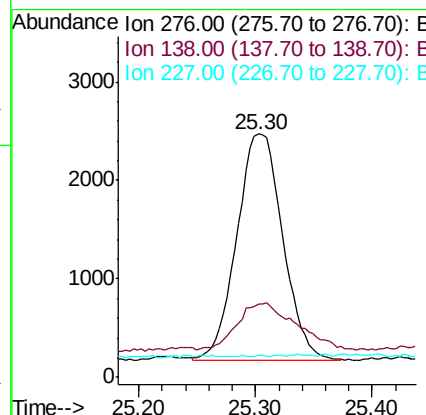
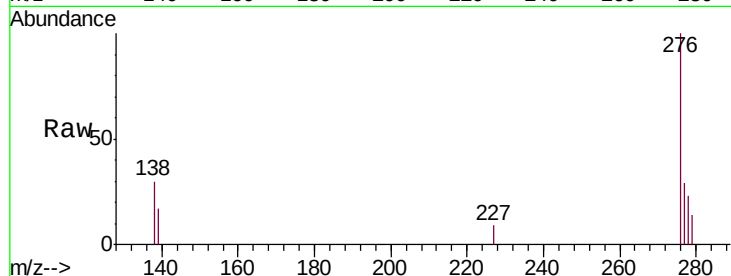
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul m
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN007018.D
Acq: 08 Aug 2019 10:27

Instrument :
BNA_N
ClientSampleId :
BEP28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	19.9	29.9#
227	0.0	0.2	0.4#

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#26

Benzo(g,h,i)perylene
Concen: 0.049 ng/ul m
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN007018.D
Acq: 08 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	18.7	28.1#
277	29.0	19.3	28.9#

