

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007016.D
 Acq On : 08 Aug 2019 09:16
 Operator : HP/JU
 Sample : K3962-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP27

Manual Integrations
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Quant Time: Aug 08 11:48:46 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	8367	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	34059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20848	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	52606m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	37931m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28851m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	11907	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	36189m	0.21	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.90	178	6419m	0.038	ng/ul	
15) Fluoranthene	18.93	202	20753m	0.100	ng/ul	
17) Pyrene	19.30	202	21652	0.128	ng/ul	96
18) Benzo(a)anthracene	21.06	228	7570	0.045	ng/ul#	87
19) Chrysene	21.12	228	9583	0.061	ng/ul#	93
21) Benzo(b)fluoranthene	22.58	252	10064m	0.086	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	4266m	0.038	ng/ul	
23) Benzo(a)pyrene	23.12	252	6539m	0.059	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	4921m	0.041	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	5248m	0.053	ng/ul	

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

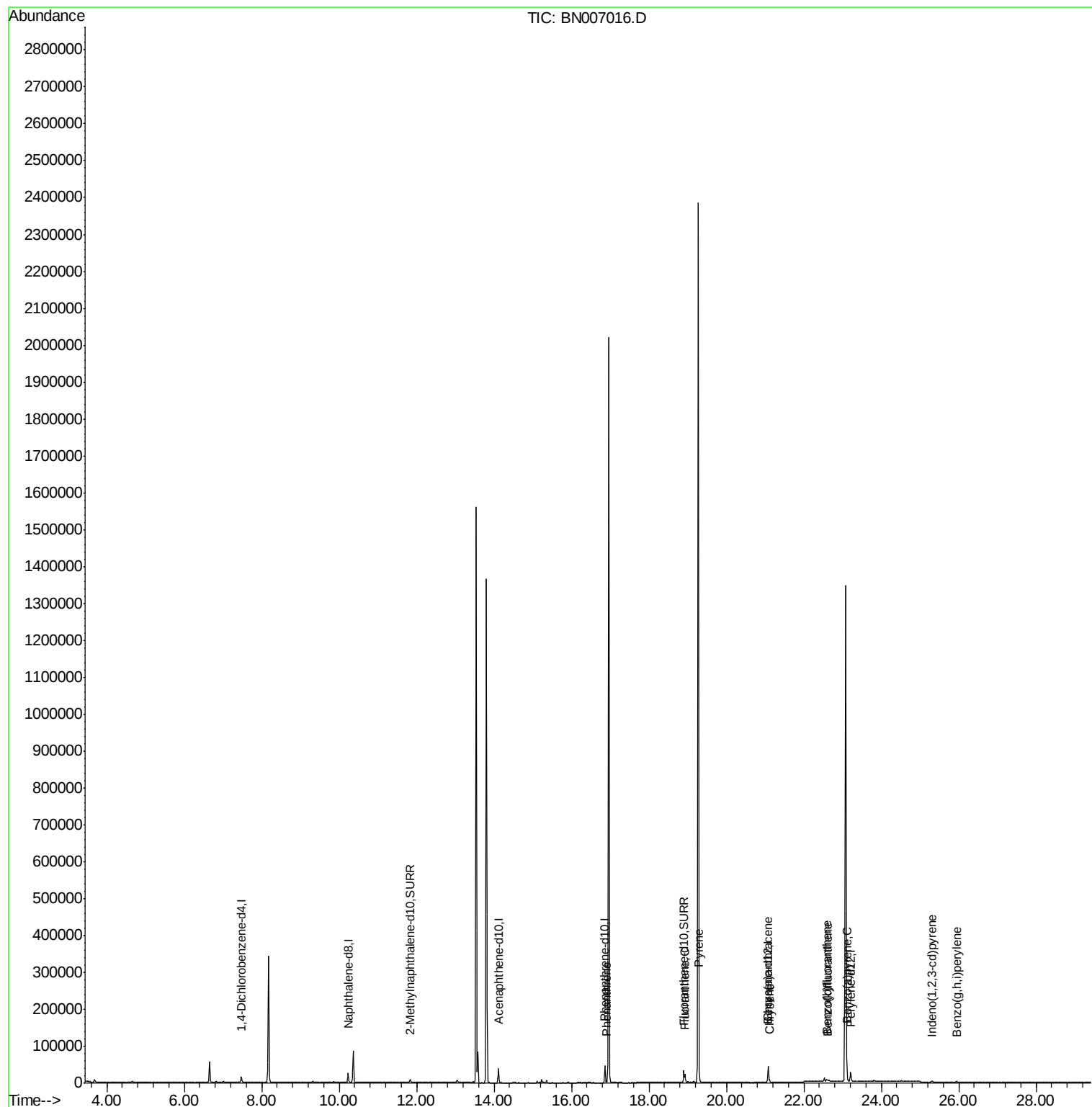
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
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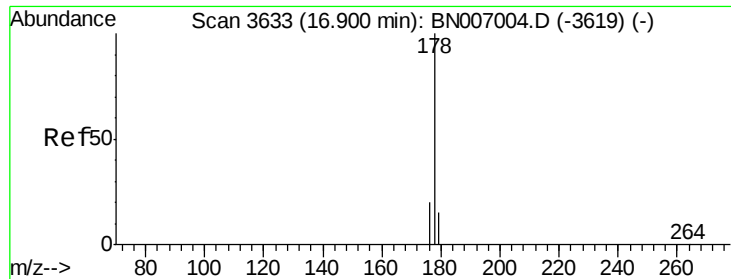
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#12

Phenanthrene

Concen: 0.038 ng/ul m

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007016.D

Acq: 08 Aug 2019 09:16

Instrument :

BNA_N

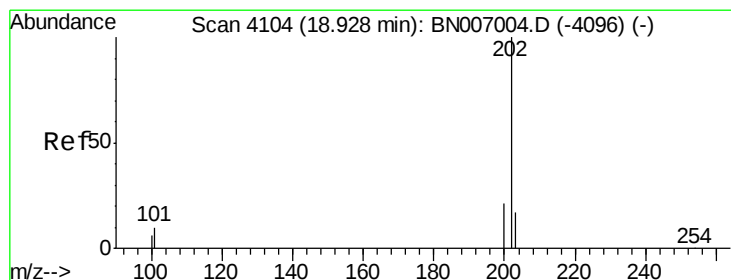
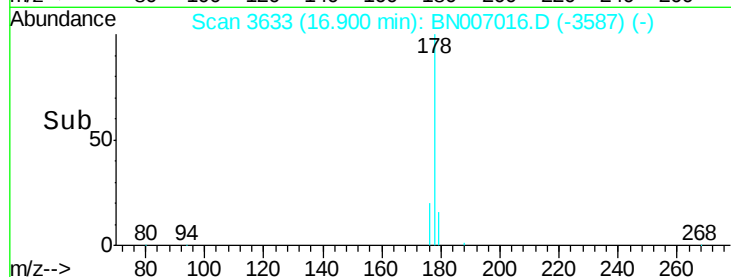
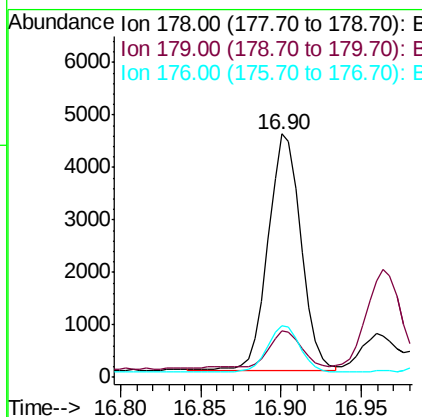
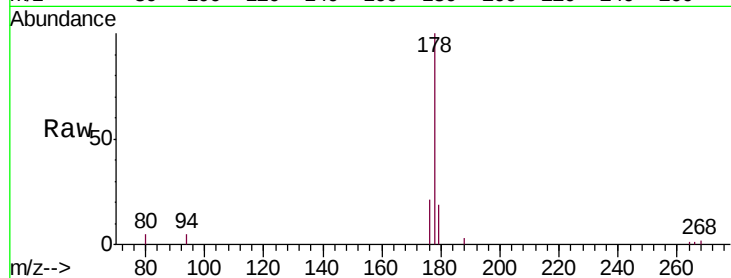
ClientSampleId :

BEP27

Tgt Ion:	178	Resp:	6419
Ion Ratio	Lower	Upper	
178	100		
179	18.9	12.5	18.7#
176	21.2	15.6	23.4

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#15

Fluoranthene

Concen: 0.100 ng/ul m

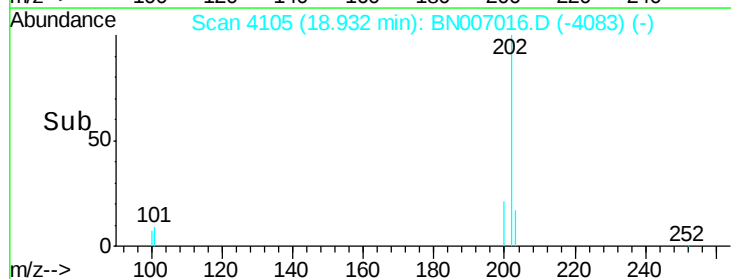
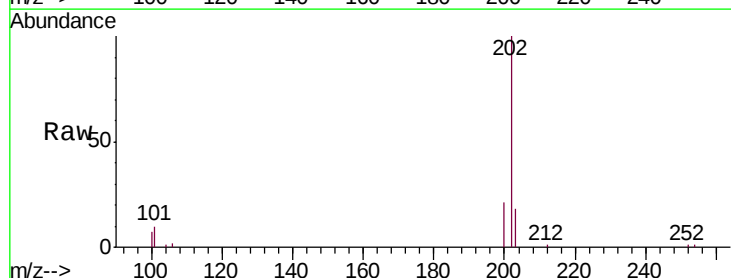
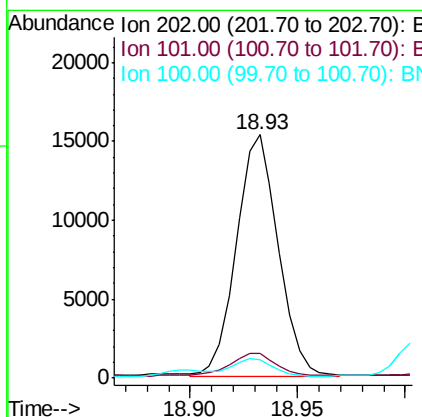
RT: 18.93 min Scan# 4105

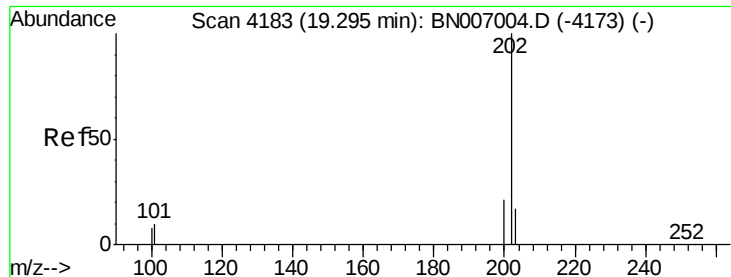
Delta R.T. -0.00 min

Lab File: BN007016.D

Acq: 08 Aug 2019 09:16

Tgt Ion:	202	Resp:	20753
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
100	7.4	0.0	27.7





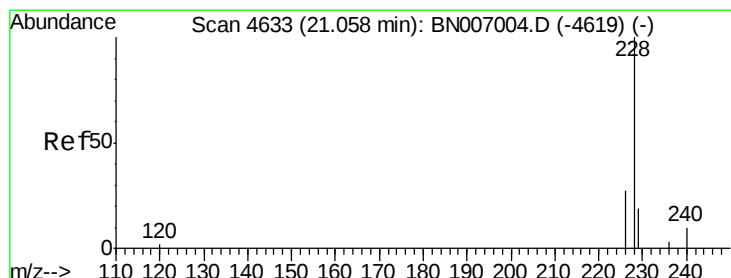
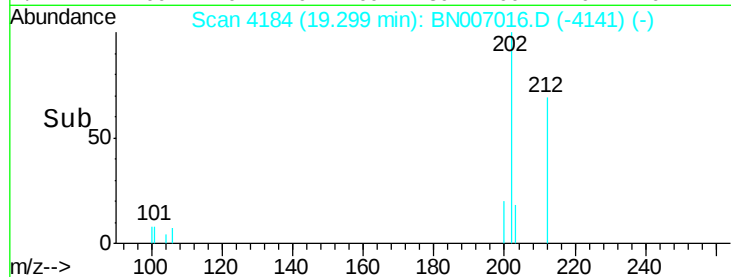
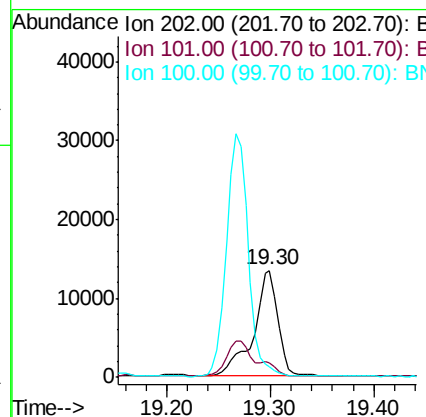
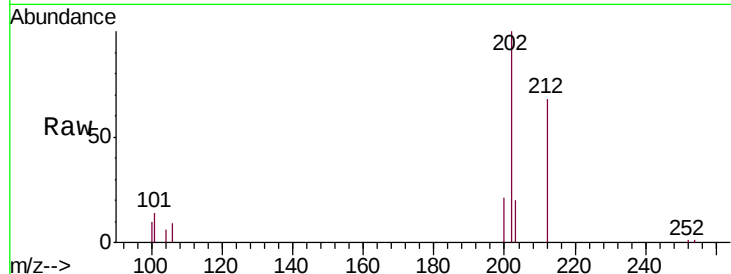
#17
Pyrene
Concen: 0.128 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN007016.D
Acq: 08 Aug 2019 09:16

Instrument :
BNA_N
ClientSampleId :
BEP27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	9.3	13.9
100	9.8	7.3	10.9

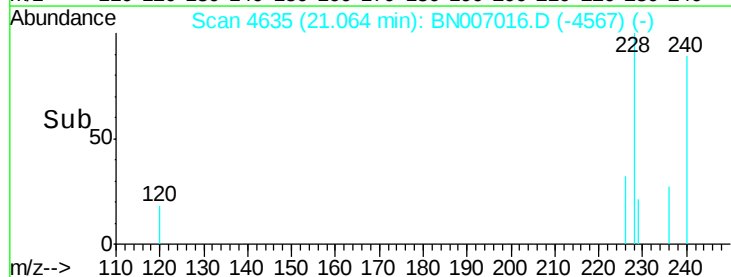
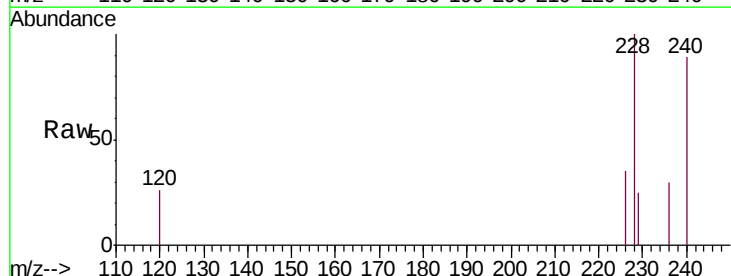
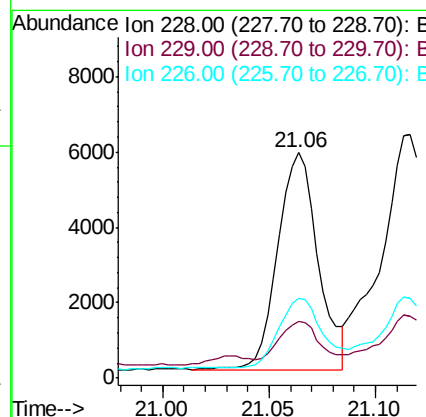
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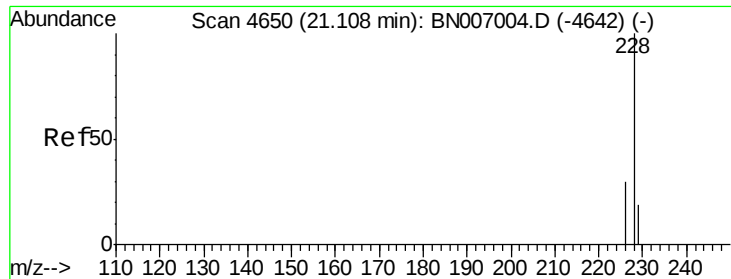
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#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.06 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BN007016.D
Acq: 08 Aug 2019 09:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.3	15.9	23.9#
226	35.3	22.2	33.4#





#19

Chrysene

Concen: 0.061 ng/ul

RT: 21.12 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BN007016.D

Acq: 08 Aug 2019 09:16

Instrument :

BNA_N

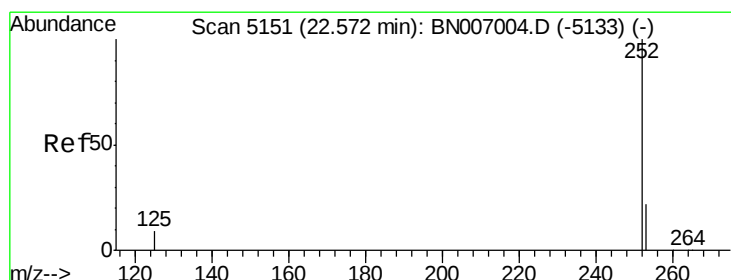
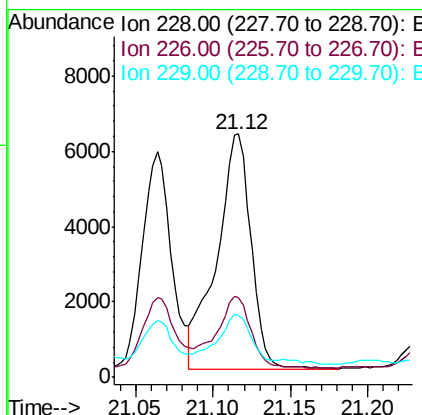
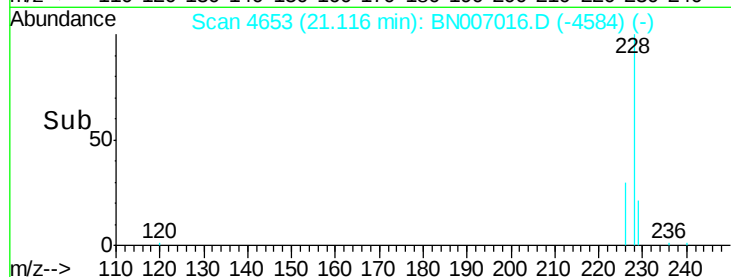
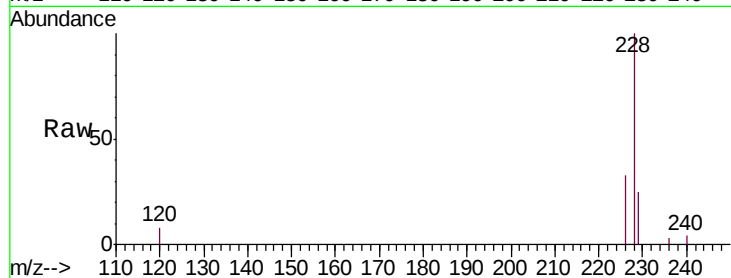
ClientSampleId :

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Tgt Ion:	228	Resp:	9583
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.7	37.1
229	25.5	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.086 ng/ul m

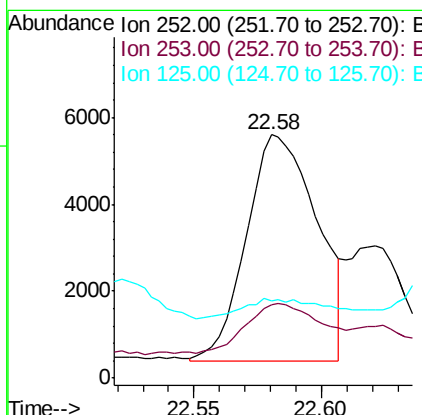
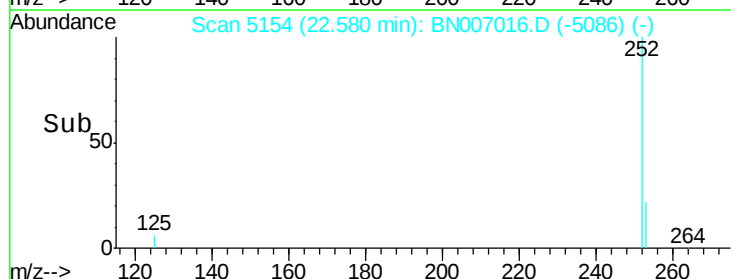
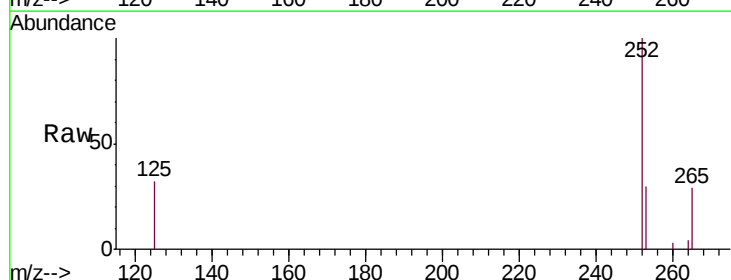
RT: 22.58 min Scan# 5154

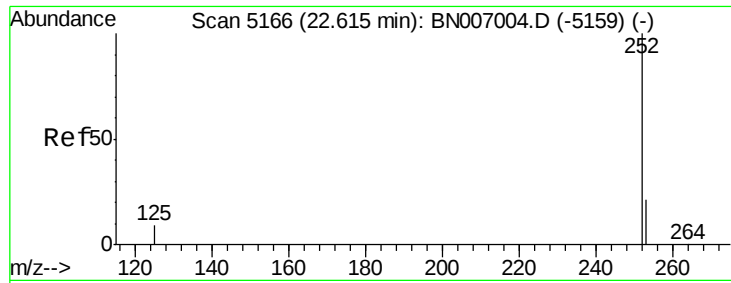
Delta R.T. -0.00 min

Lab File: BN007016.D

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Tgt Ion:	252	Resp:	10064
Ion Ratio	Lower	Upper	
252	100		
253	30.4	0.0	45.2
125	31.7	0.0	22.2#





#22

Benzo(k)fluoranthene

Concen: 0.038 ng/ul m

RT: 22.62 min Scan# 5168

Delta R.T. -0.00 min

Lab File: BN007016.D

Acq: 08 Aug 2019 09:16

Instrument :

BNA_N

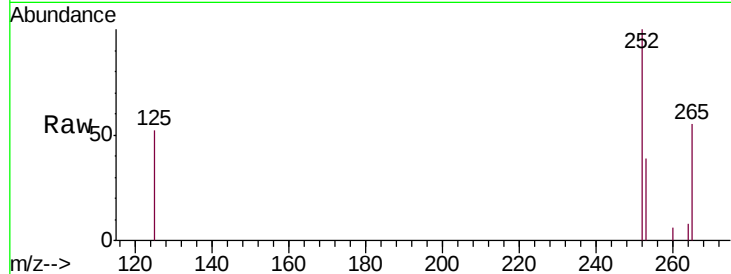
ClientSampleId :

BEP27

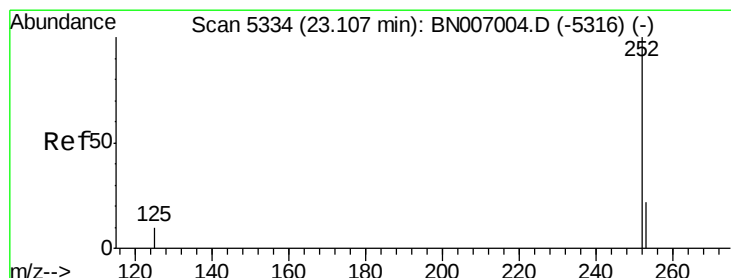
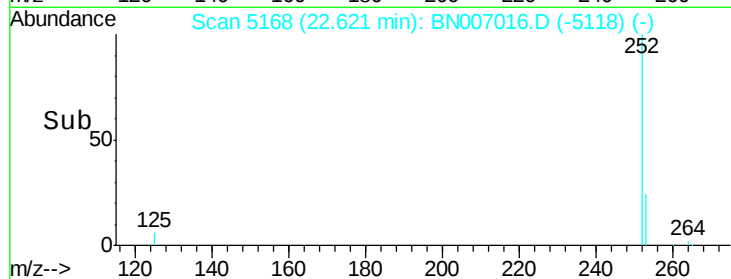
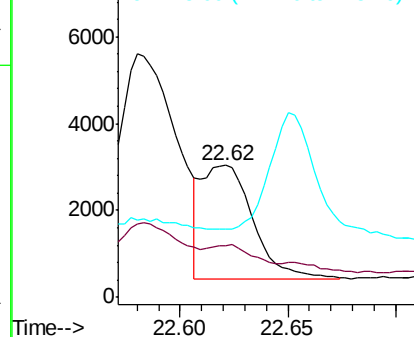
Tgt Ion:	252	Resp:	4266
Ion Ratio	Lower	Upper	
252	100		
253	39.1	18.6	28.0#
125	51.8	8.7	13.1#

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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



#23

Benzo(a)pyrene

Concen: 0.059 ng/ul m

RT: 23.12 min Scan# 5338

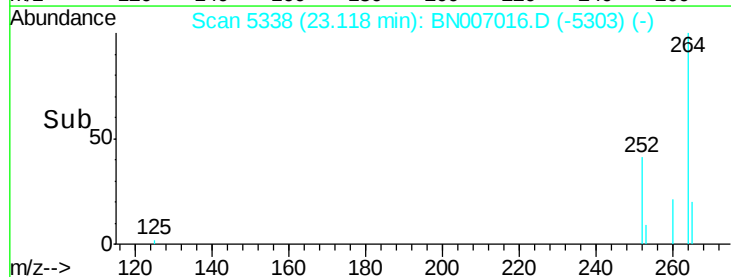
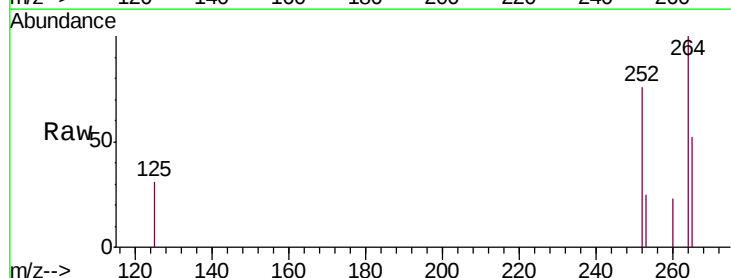
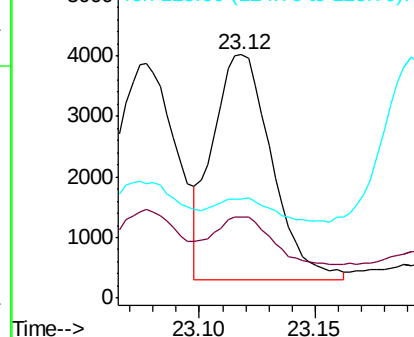
Delta R.T. 0.00 min

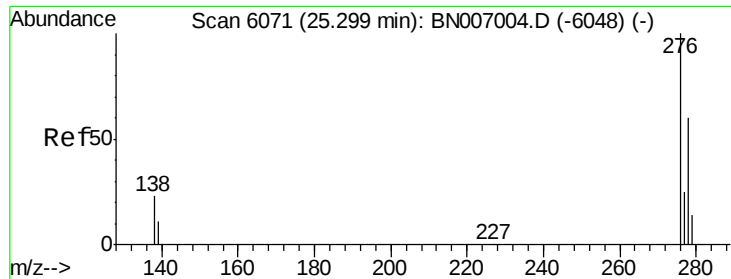
Lab File: BN007016.D

Acq: 08 Aug 2019 09:16

Tgt Ion:	252	Resp:	6539
Ion Ratio	Lower	Upper	
252	100		
253	33.3	18.0	27.0#
125	40.8	10.0	15.0#

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





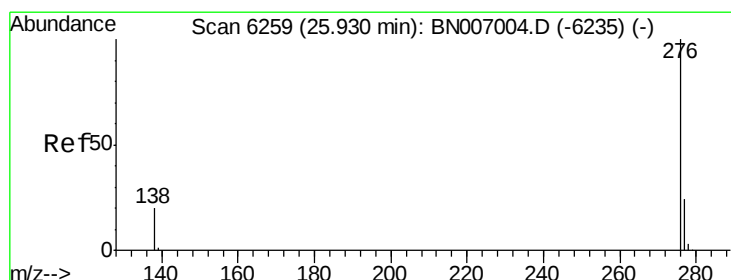
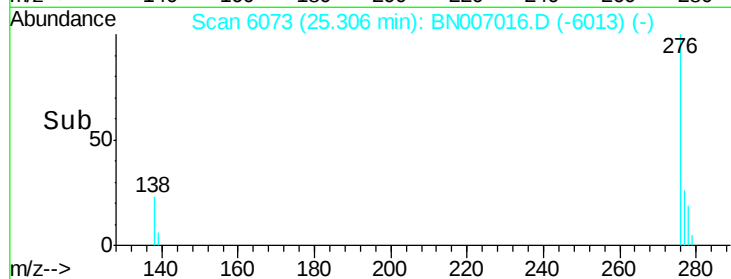
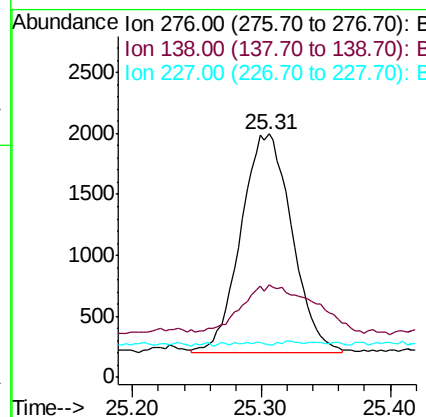
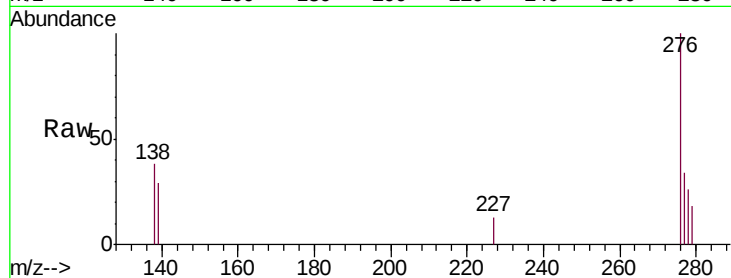
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng/ul m
 RT: 25.31 min Scan# 6073
 Delta R.T. -0.00 min
 Lab File: BN007016.D
 Acq: 08 Aug 2019 09:16

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.053 ng/ul m
 RT: 25.94 min Scan# 6262
 Delta R.T. 0.00 min
 Lab File: BN007016.D
 Acq: 08 Aug 2019 09:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.9	18.7	28.1#
277	31.6	19.3	28.9#

