

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007017.D
 Acq On : 08 Aug 2019 09:51
 Operator : HP/JU
 Sample : K3962-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP30

Manual Integrations
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mohammad
 8/9/2019 6:16:28 AM

Quant Time: Aug 08 11:55:07 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	8231	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20278	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	50452m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	36043m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	33419	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12383	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	38921m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	2209	0.023	ng/ul#	85
7) Acenaphthylene	13.83	152	6035	0.051	ng/ul#	96
8) Acenaphthene	14.18	153	4425	0.055	ng/ul	98
9) Fluorene	15.17	166	6213	0.064	ng/ul#	96
12) Phenanthrene	16.90	178	119747m	0.745	ng/ul	
13) Anthracene	16.99	178	25928m	0.158	ng/ul	
15) Fluoranthene	18.93	202	307557m	1.539	ng/ul	
17) Pyrene	19.29	202	298132	1.853	ng/ul	98
18) Benzo(a)anthracene	21.06	228	149381m	0.943	ng/ul	
19) Chrysene	21.11	228	153693	1.037	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	141034m	1.041	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	57677m	0.439	ng/ul	
23) Benzo(a)pyrene	23.12	252	100151	0.785	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	60809	0.442	ng/ul	93
25) Dibenzo(a,h)anthracene	25.31	278	16531	0.151	ng/ul#	85
26) Benzo(g,h,i)perylene	25.94	276	60347	0.523	ng/ul	99

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

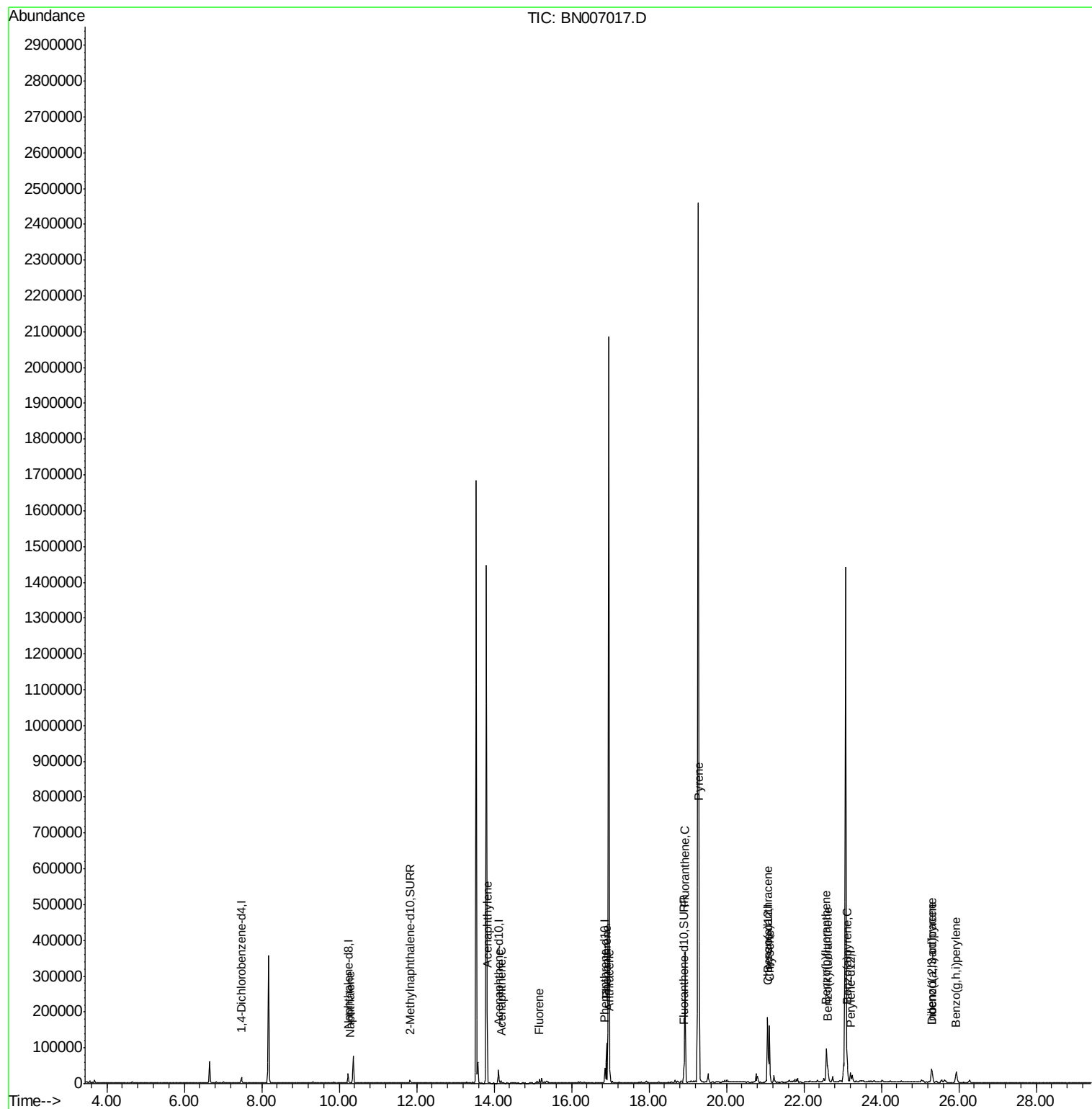
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007017.D
Acq On : 08 Aug 2019 09:51
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Sample : K3962-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

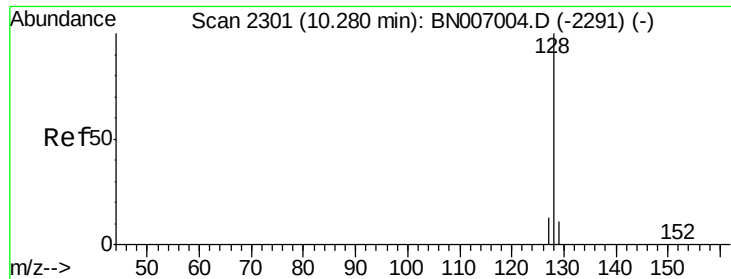
Instrument :
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Quant Time: Aug 08 11:55:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

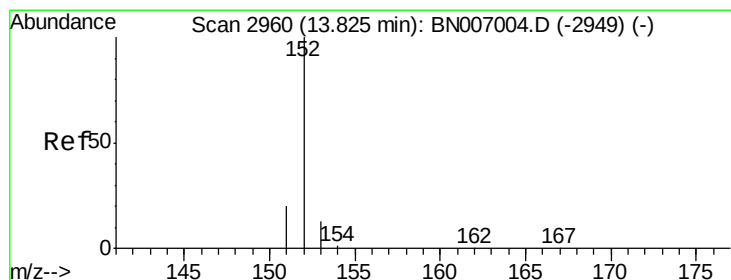
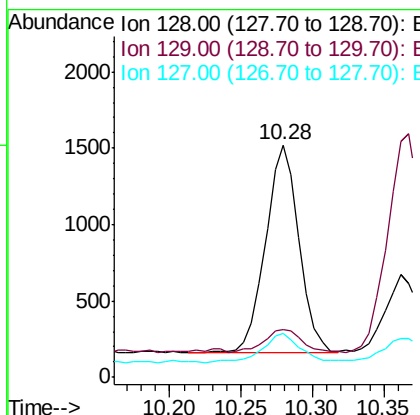
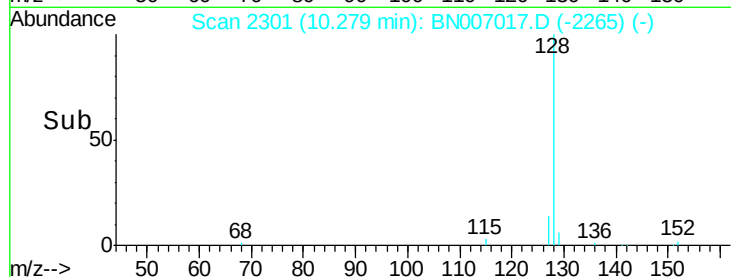
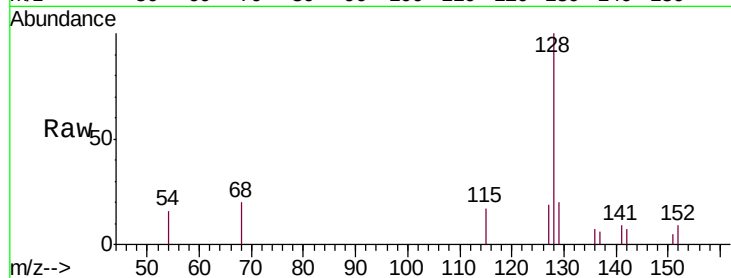
ClientSampleId :

BEP30

Tgt Ion:	128	Resp:	2209
Ion Ratio		Lower	Upper
128	100		
129	20.3	10.0	15.0#
127	18.8	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.051 ng/ul

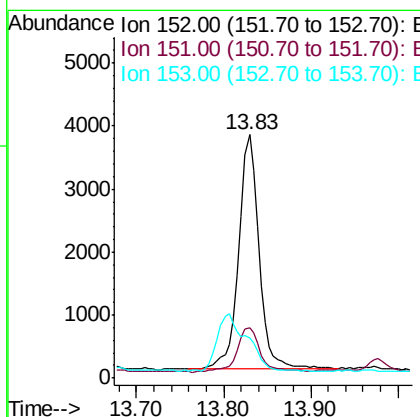
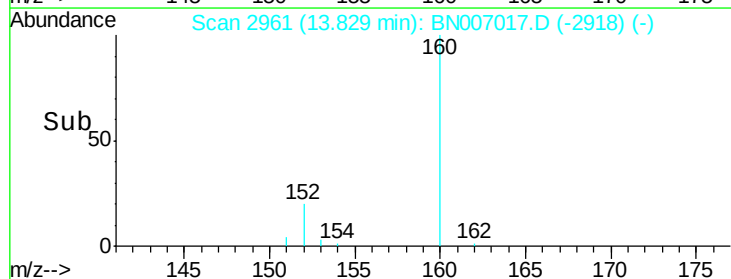
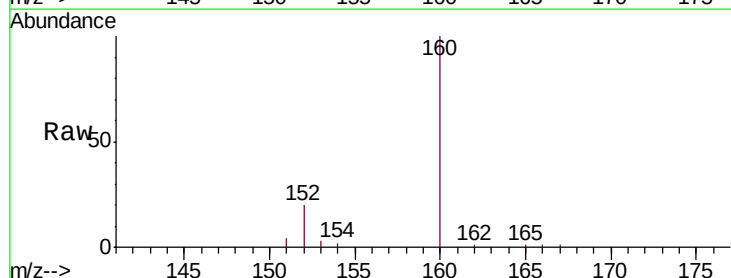
RT: 13.83 min Scan# 2961

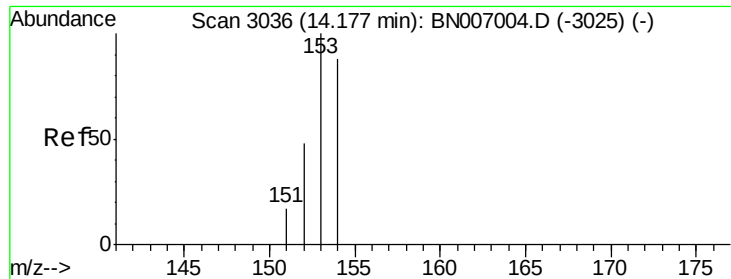
Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Tgt Ion:	152	Resp:	6035
Ion Ratio		Lower	Upper
152	100		
151	20.9	16.3	24.5
153	16.7	11.0	16.4#





#8

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

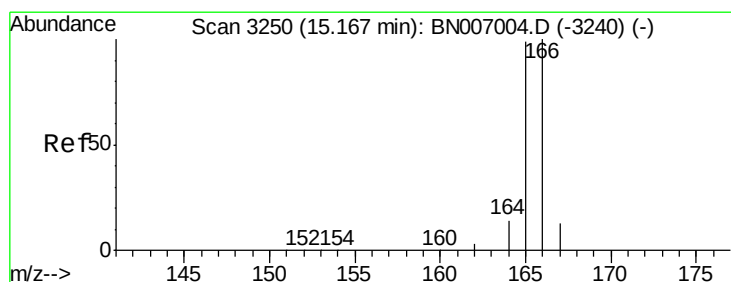
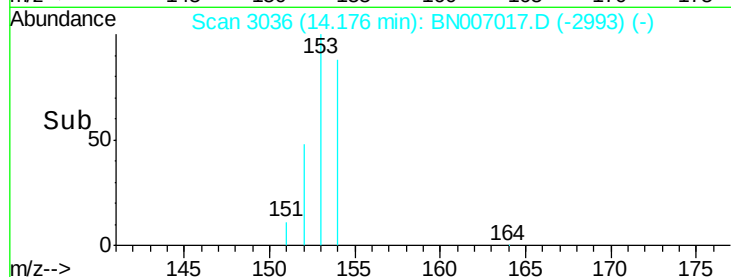
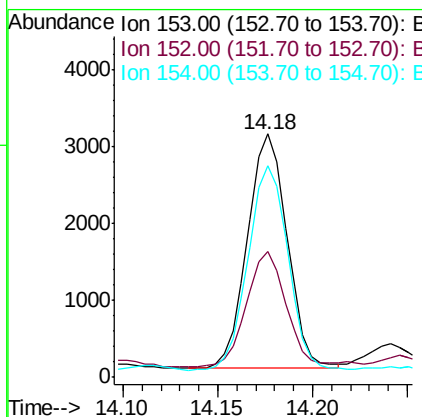
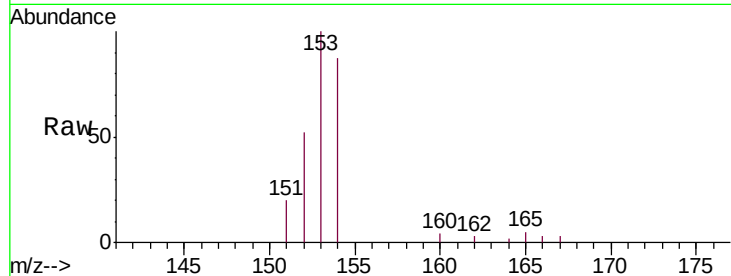
ClientSampleId :

BEP30

Tgt Ion:	153	Resp:	4425
Ion Ratio	Lower	Upper	
153	100		
152	51.7	39.4	59.2
154	87.2	70.1	105.1

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#9

Fluorene

Concen: 0.064 ng/ul

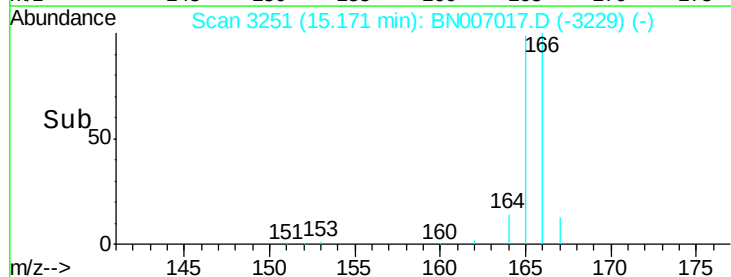
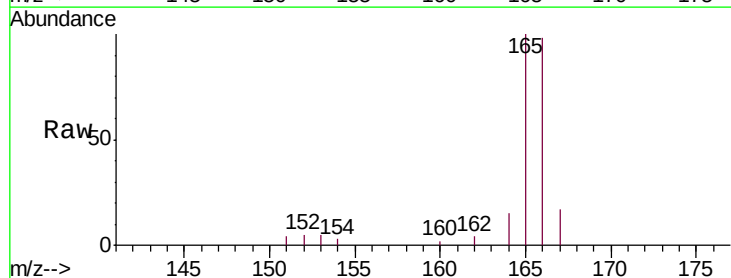
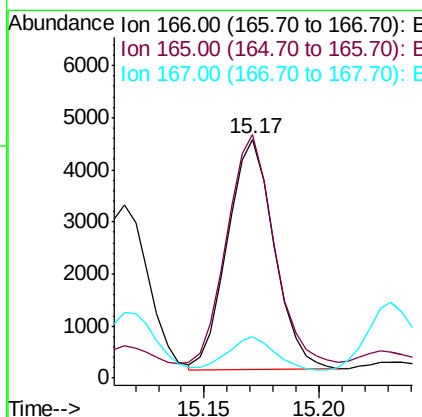
RT: 15.17 min Scan# 3251

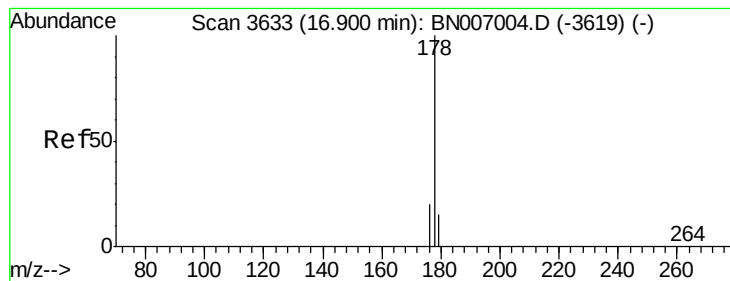
Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Tgt Ion:	166	Resp:	6213
Ion Ratio	Lower	Upper	
166	100		
165	102.0	78.8	118.2
167	17.2	11.3	16.9





#12

Phenanthrene

Concen: 0.745 ng/ul m

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

ClientSampleId :

BEP30

Tgt Ion:178 Resp: 119747

Ion Ratio Lower Upper

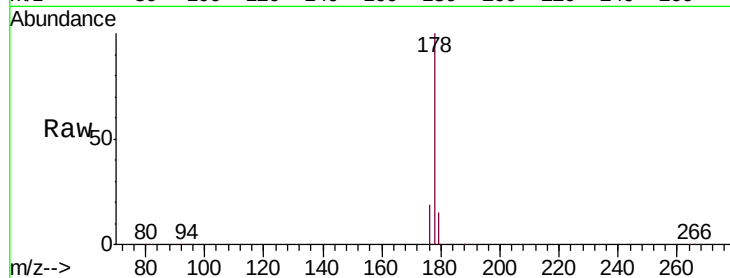
178 100

179 15.3 12.5 18.7

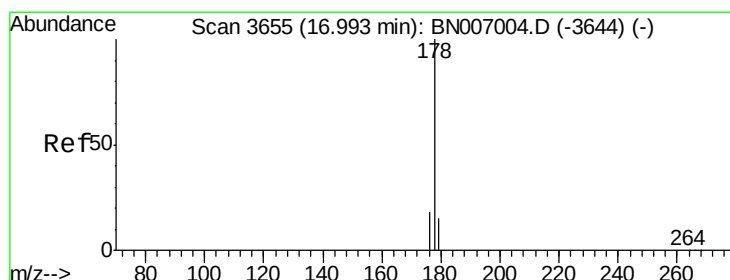
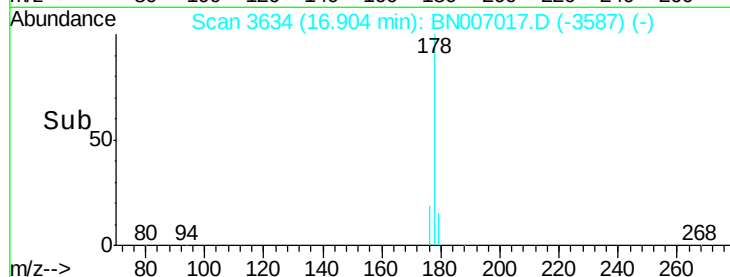
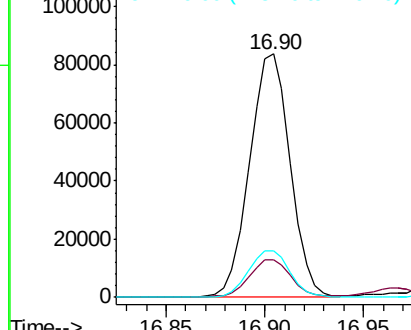
176 19.4 15.6 23.4

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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



#13

Anthracene

Concen: 0.158 ng/ul m

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

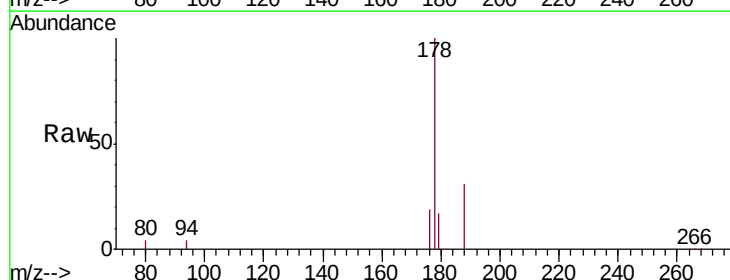
Tgt Ion:178 Resp: 25928

Ion Ratio Lower Upper

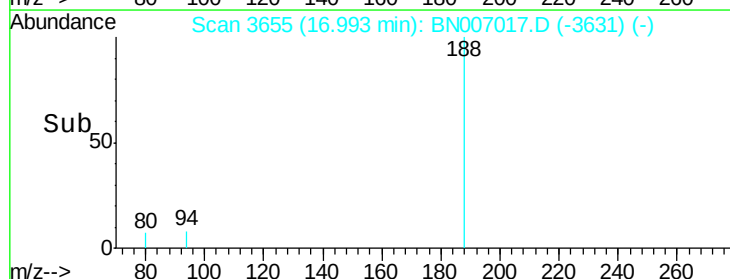
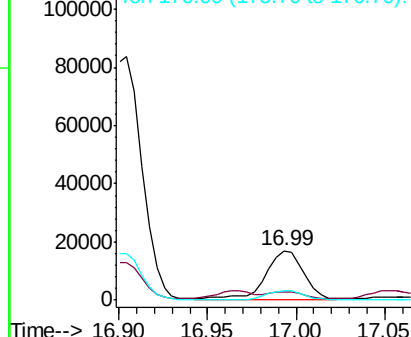
178 100

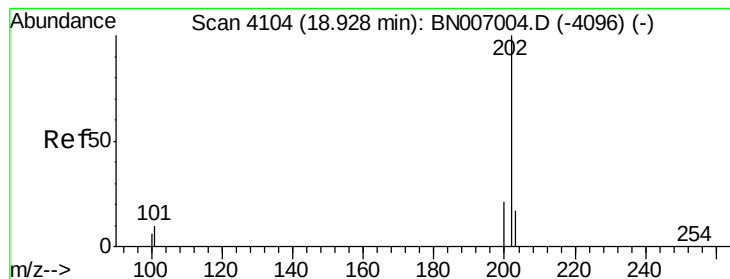
179 17.2 12.6 18.8

176 19.4 15.4 23.0



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





#15

Fluoranthene

Concen: 1.539 ng/ul m

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

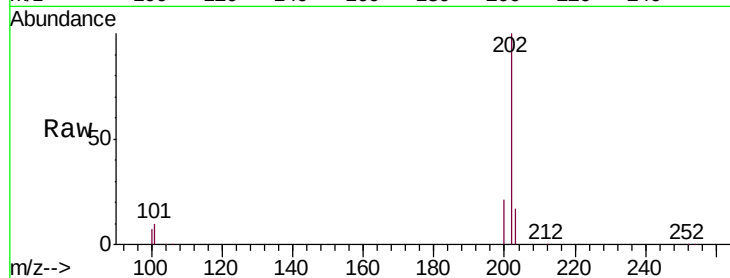
ClientSampleId :

BEP30

Tgt	Ion:202	Resp:	307557
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.0
100	7.1	0.0	27.7

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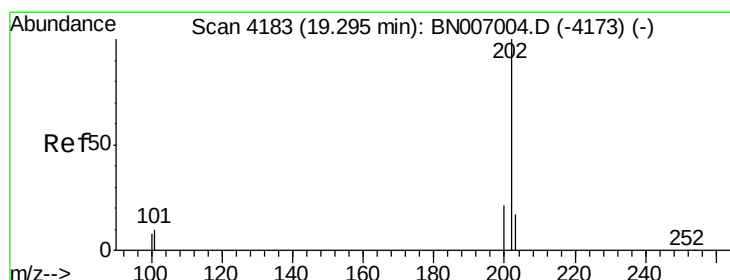
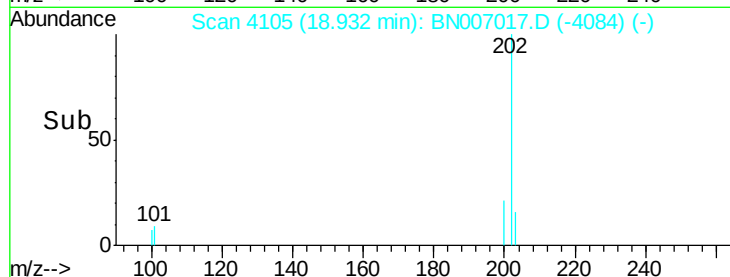
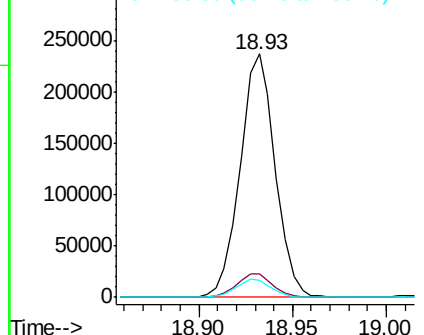
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.853 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007017.D

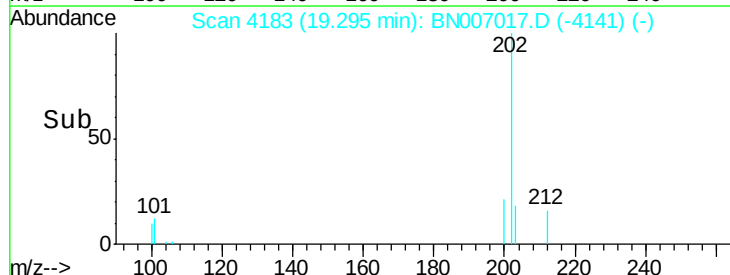
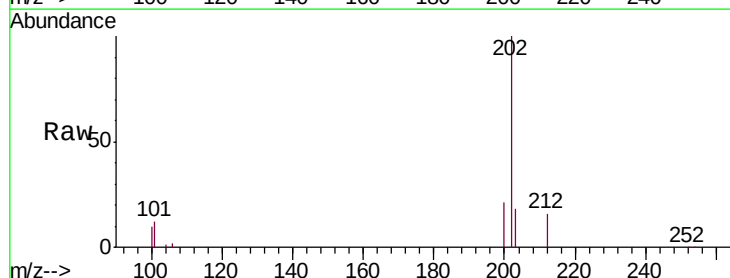
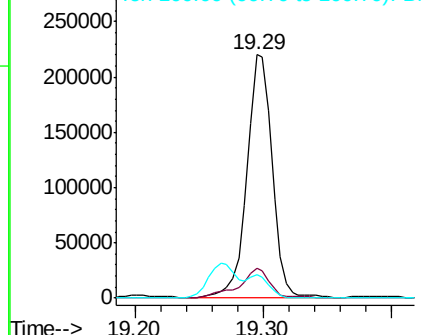
Acq: 08 Aug 2019 09:51

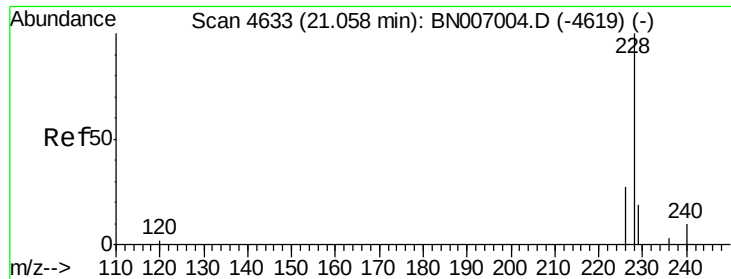
Tgt	Ion:202	Resp:	298132
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.3	13.9
100	9.8	7.3	10.9

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





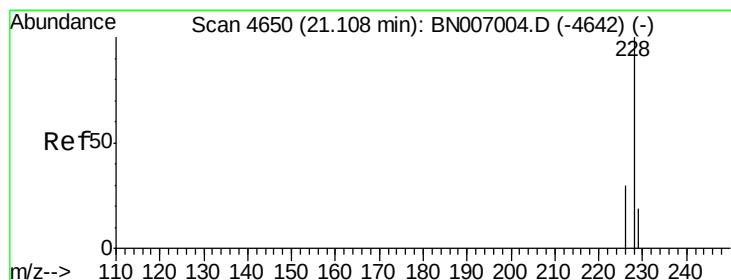
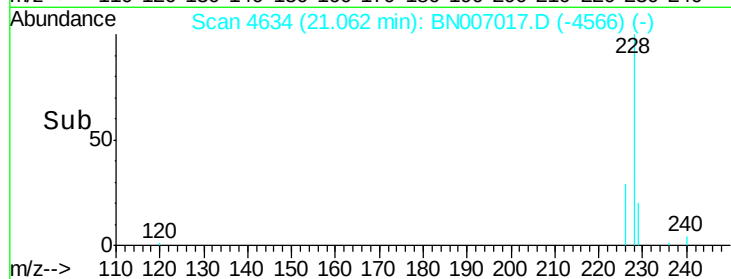
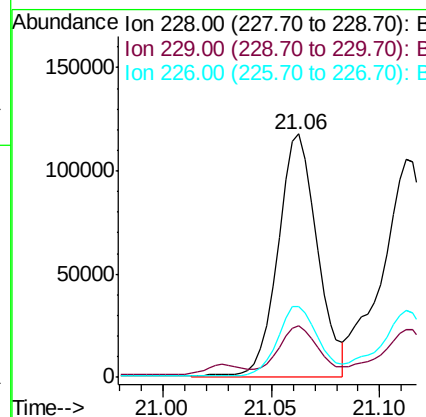
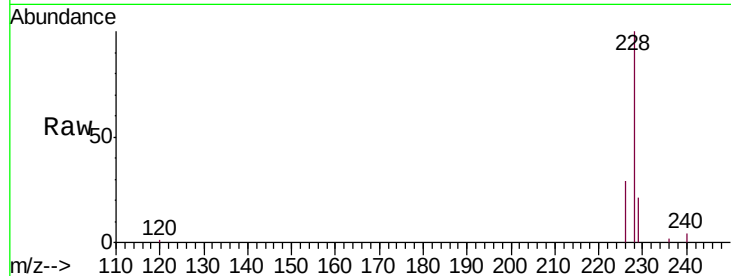
#18
Benzo(a)anthracene
Concen: 0.943 ng/ul m
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007017.D
Acq: 08 Aug 2019 09:51

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	29.3	22.2	33.4

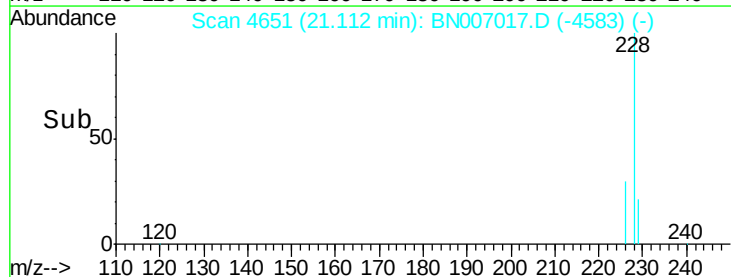
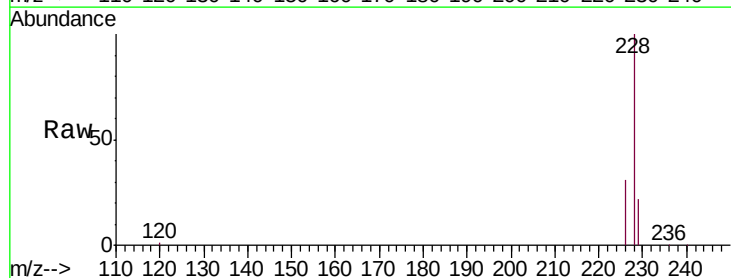
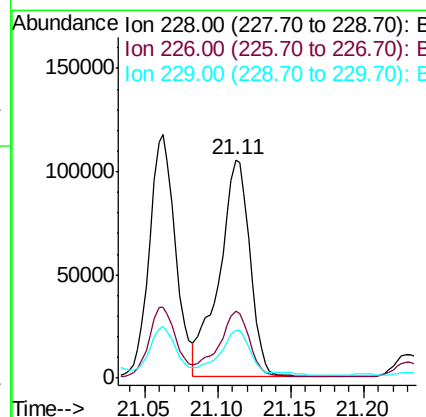
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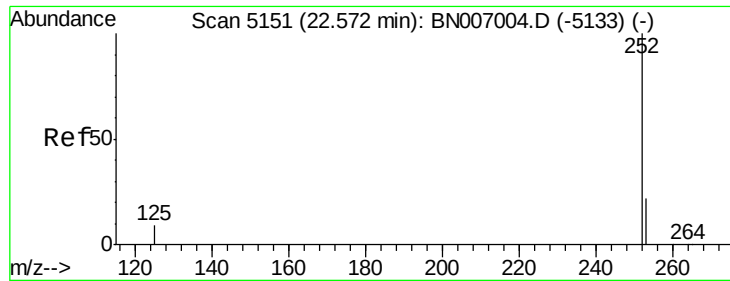
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#19
Chrysene
Concen: 1.037 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007017.D
Acq: 08 Aug 2019 09:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.7	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 1.041 ng/ul m

RT: 22.58 min Scan# 5154

Delta R.T. 0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

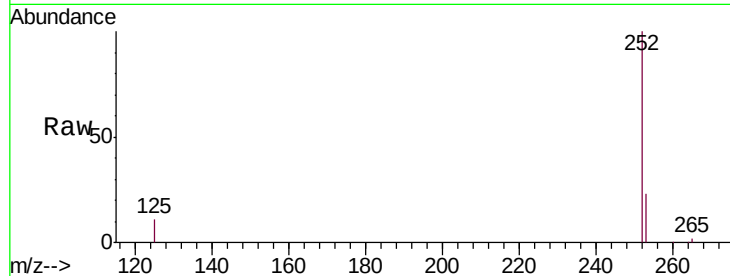
ClientSampled :

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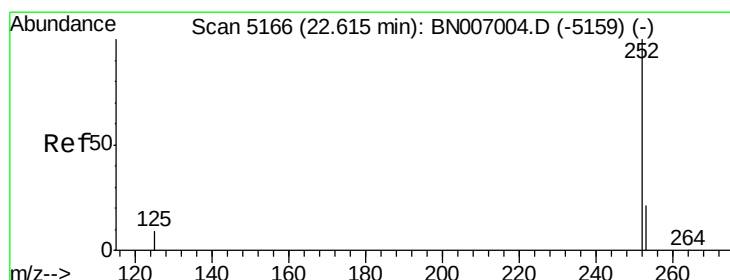
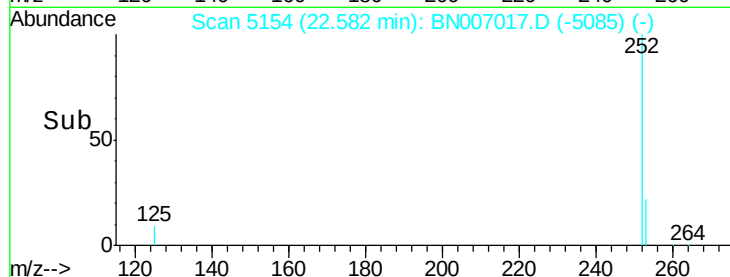
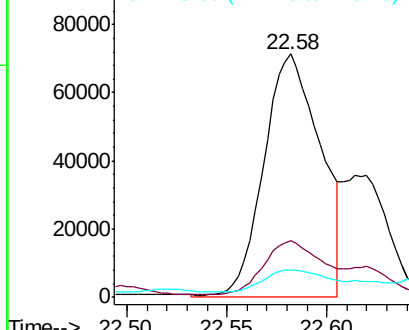
Tgt Ion:	252	Resp:	141034
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	45.2
125	11.4	0.0	22.2

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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



#22

Benzo(k)fluoranthene

Concen: 0.439 ng/ul m

RT: 22.62 min Scan# 5167

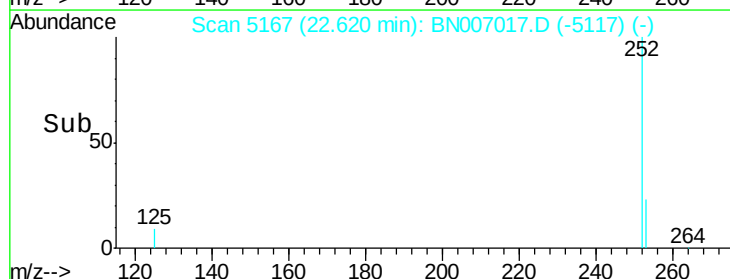
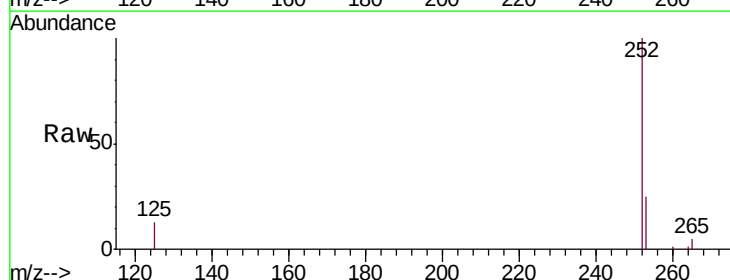
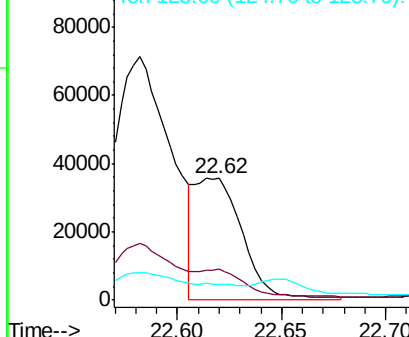
Delta R.T. -0.00 min

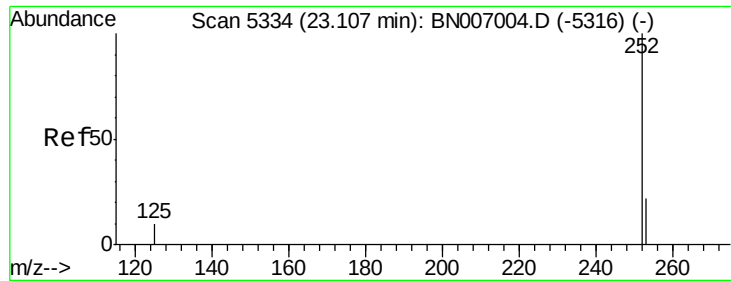
Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Tgt Ion:	252	Resp:	57677
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.6	28.0
125	13.3	8.7	13.1#

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: 0.785 ng/ul

RT: 23.12 min Scan# 5337

Delta R.T. 0.00 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Instrument :

BNA_N

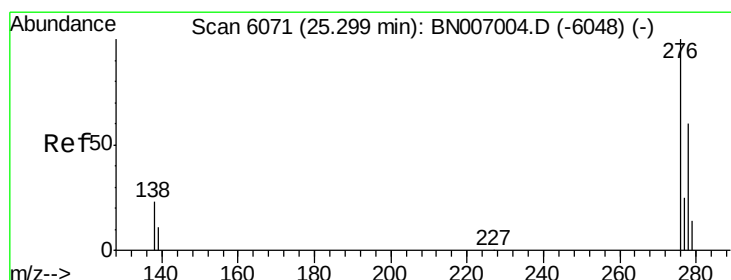
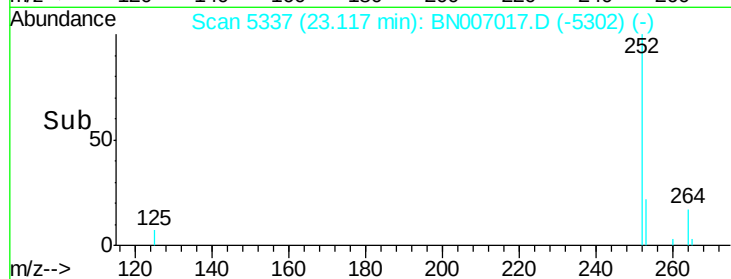
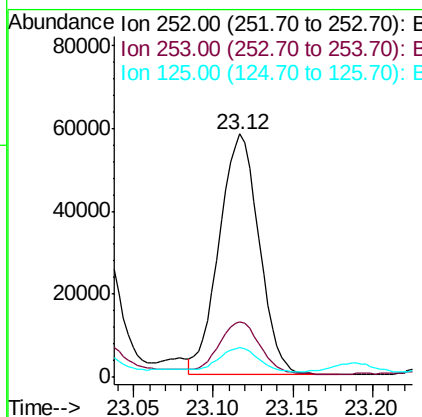
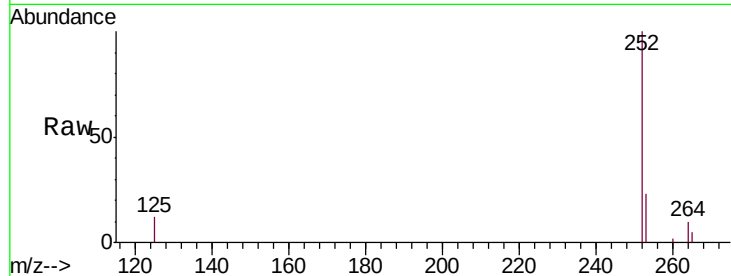
ClientSampleId :

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Tgt Ion:	252	Resp:	100151
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	12.1	10.0	15.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.442 ng/ul

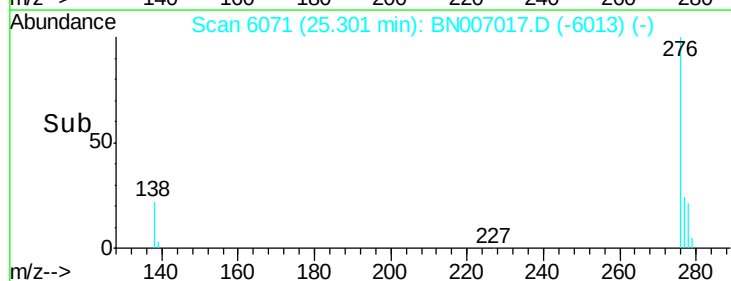
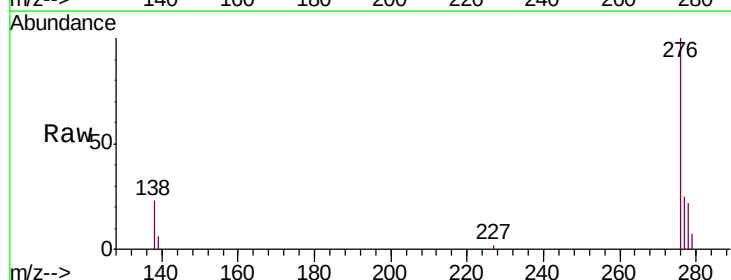
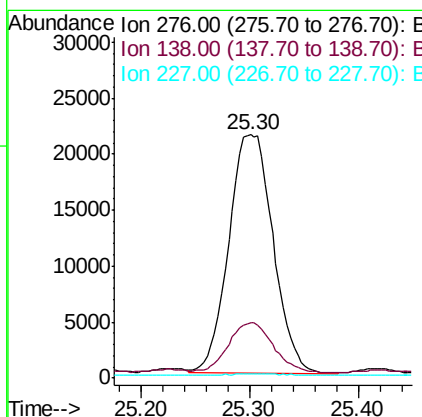
RT: 25.30 min Scan# 6071

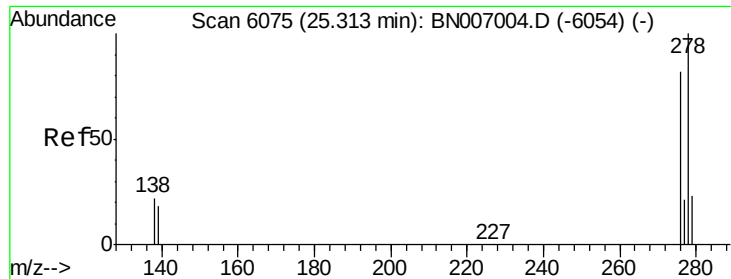
Delta R.T. -0.01 min

Lab File: BN007017.D

Acq: 08 Aug 2019 09:51

Tgt Ion:	276	Resp:	60809
Ion Ratio	Lower	Upper	
276	100		
138	21.5	19.9	29.9
227	0.3	0.2	0.4





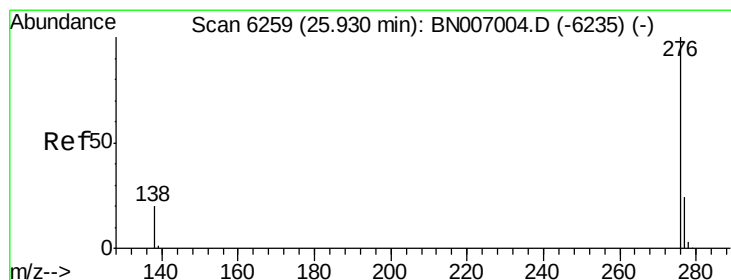
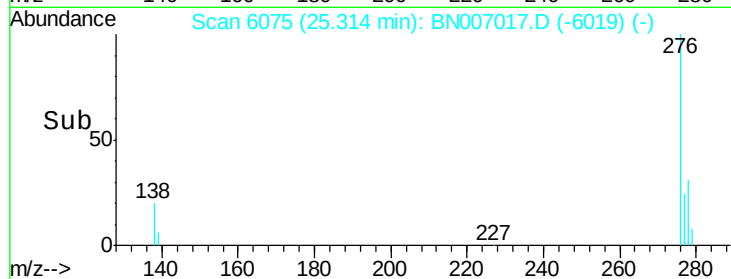
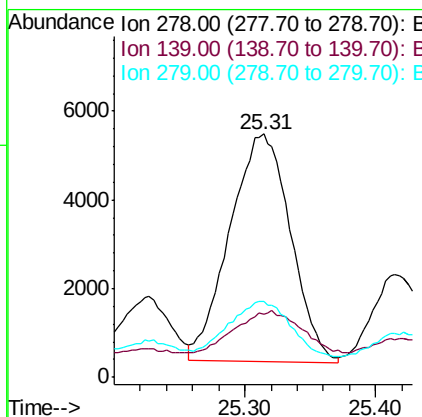
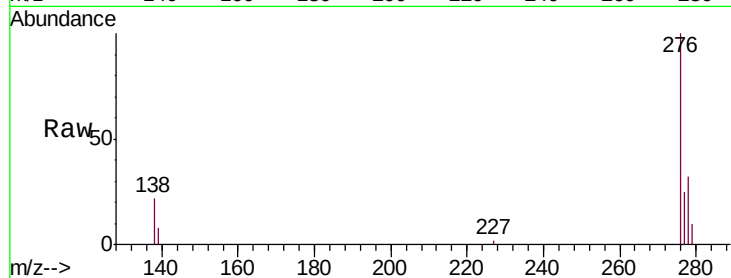
#25
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN007017.D
Acq: 08 Aug 2019 09:51

Instrument :
BNA_N
ClientSampleId :
BEP30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	14.3	21.5#
279	31.0	19.6	29.4#

Manual Integrations
APPROVED

mohammad
8/9/2019 6:16:28 AM



#26
Benzo(g,h,i)perylene
Concen: 0.523 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. 0.00 min
Lab File: BN007017.D
Acq: 08 Aug 2019 09:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.7	28.1
277	24.2	19.3	28.9

