

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN006994.D
 Acq On : 07 Aug 2019 19:09
 Operator : HP/JU
 Sample : K3893-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENY7DL

Manual Integrations
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mohammad
 8/9/2019 6:15:00 AM

Quant Time: Aug 08 05:11:03 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	6219	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	16529	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40866	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	33712	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28714	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1931	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5732	0.04	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.83	152	2410	0.025	ng/ul#	91
8) Acenaphthene	14.18	153	1790	0.027	ng/ul	97
9) Fluorene	15.17	166	2358	0.030	ng/ul#	98
12) Phenanthrene	16.90	178	59388	0.456	ng/ul	99
13) Anthracene	16.99	178	9677	0.073	ng/ul	97
15) Fluoranthene	18.93	202	179252	1.107	ng/ul	100
17) Pyrene	19.30	202	148392	0.986	ng/ul	99
18) Benzo(a)anthracene	21.06	228	72264	0.488	ng/ul	98
19) Chrysene	21.12	228	85448	0.616	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	109338m	0.939	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	30157m	0.267	ng/ul	
23) Benzo(a)pyrene	23.12	252	58174	0.531	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.31	276	40002	0.339	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.32	278	9147	0.097	ng/ul#	78
26) Benzo(g,h,i)perylene	25.94	276	31963	0.323	ng/ul	98

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

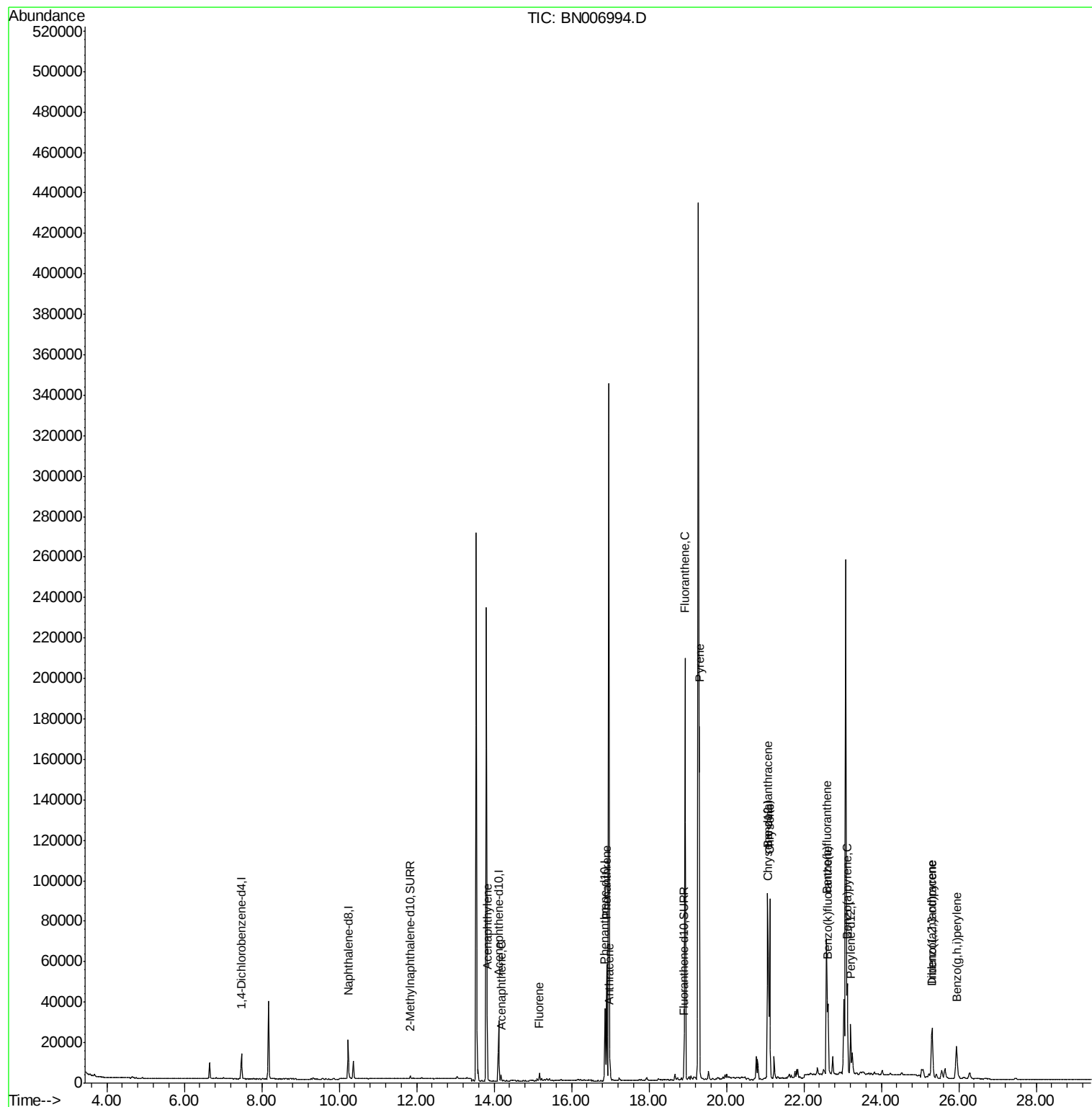
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006994.D
Acq On : 07 Aug 2019 19:09
Operator : HP/JU
Sample : K3893-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

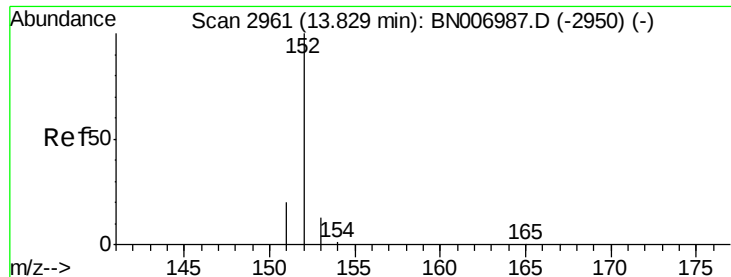
Instrument :
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Quant Time: Aug 08 05:11:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Instrument :

BNA_N

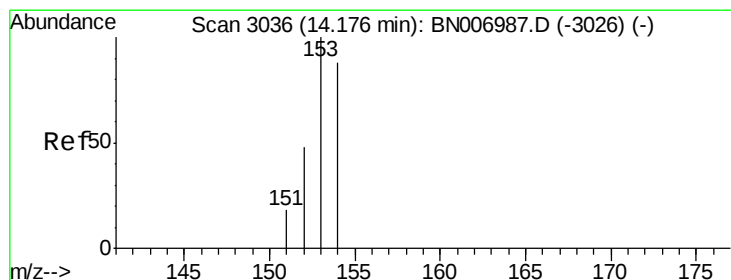
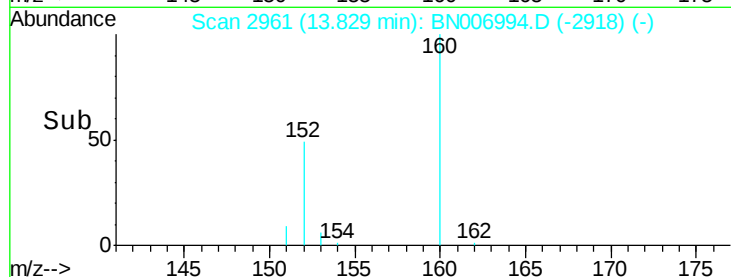
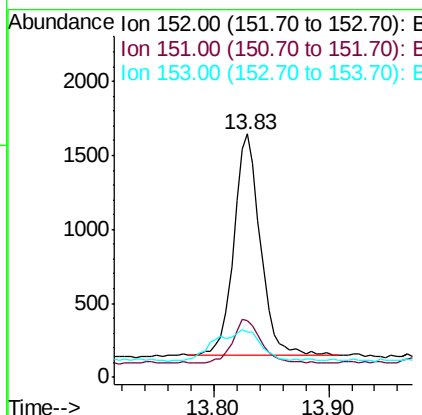
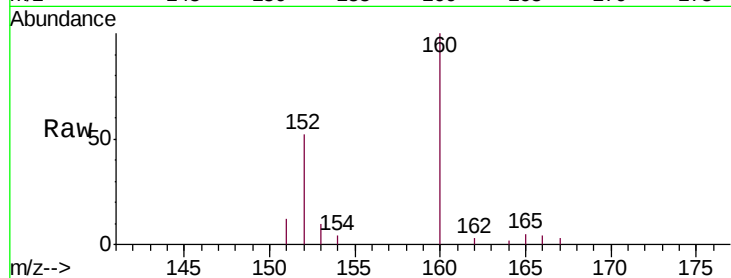
ClientSampleId :

BENY7DL

Tgt Ion:	152	Resp:	2410
Ion Ratio	Lower	Upper	
152	100		
151	23.5	16.3	24.5
153	18.8	11.0	16.4

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#8

Acenaphthene

Concen: 0.027 ng/ul

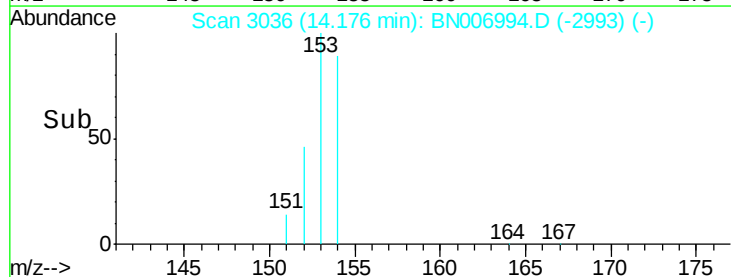
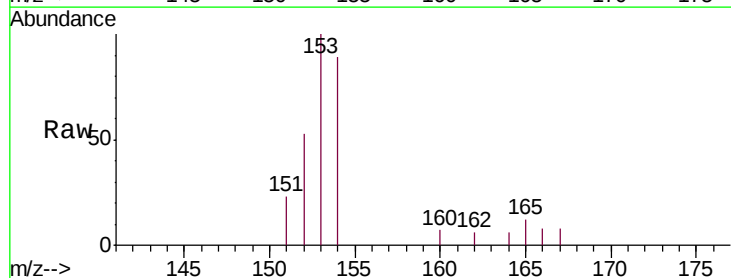
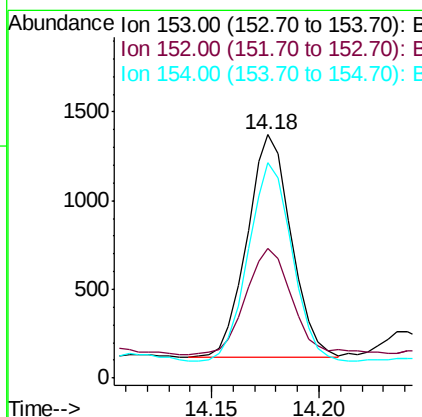
RT: 14.18 min Scan# 3036

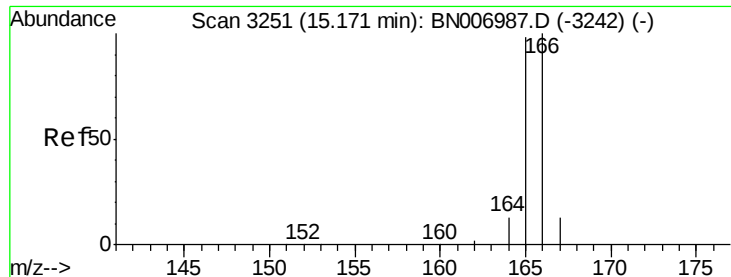
Delta R.T. -0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Tgt Ion:	153	Resp:	1790
Ion Ratio	Lower	Upper	
153	100		
152	53.1	39.4	59.2
154	88.6	70.1	105.1





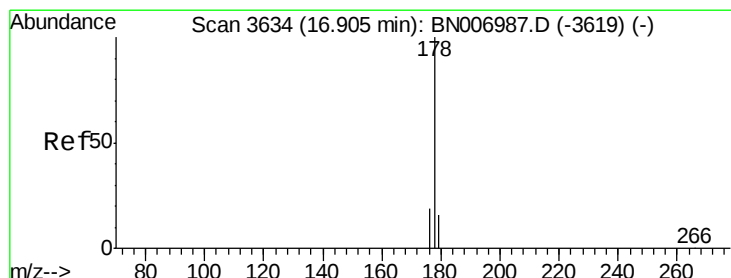
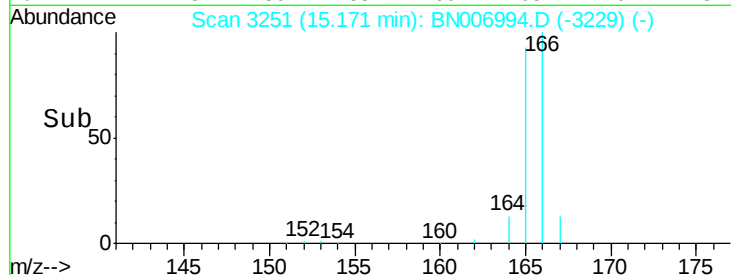
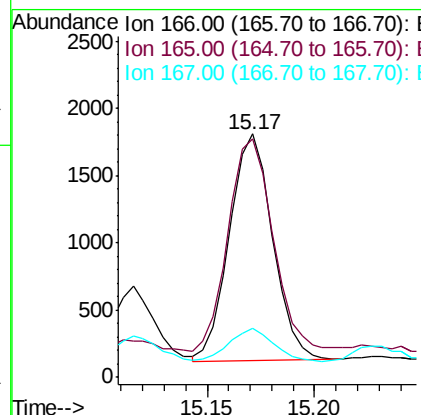
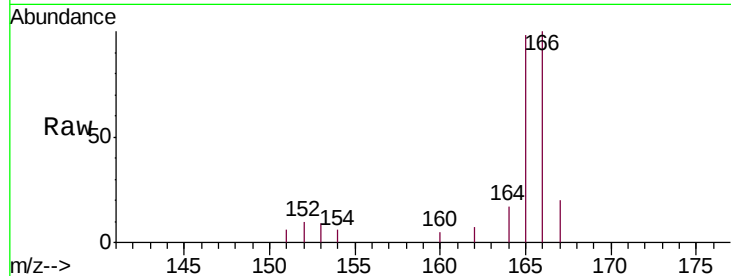
#9
Fluorene
 Concen: 0.030 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN006994.D
 Acq: 07 Aug 2019 19:09

Instrument :
 BNA_N
 ClientSampleId :
 BENY7DL

Tgt Ion:	166	Resp:	2358
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.8	118.2
167	20.1	11.3	16.9#

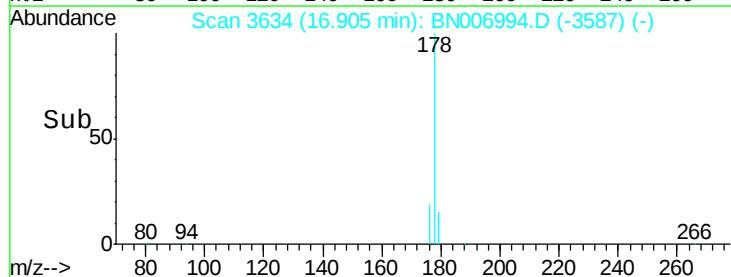
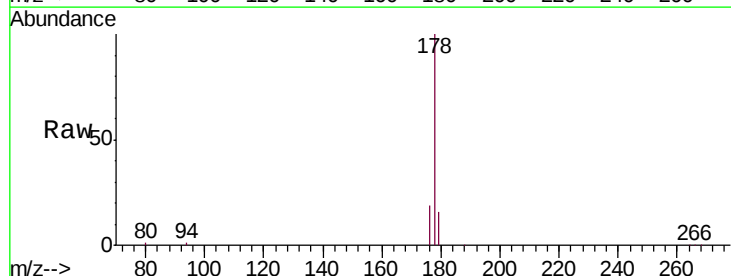
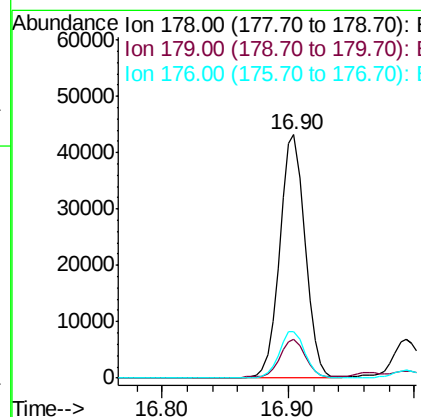
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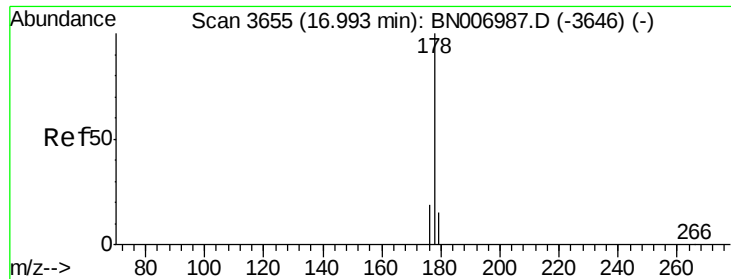
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#12
Phenanthrene
 Concen: 0.456 ng/ul
 RT: 16.90 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: BN006994.D
 Acq: 07 Aug 2019 19:09

Tgt Ion:	178	Resp:	59388
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.5	18.7
176	19.0	15.6	23.4





#13

Anthracene

Concen: 0.073 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Instrument :

BNA_N

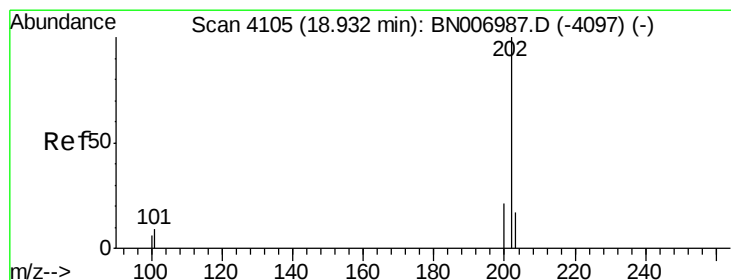
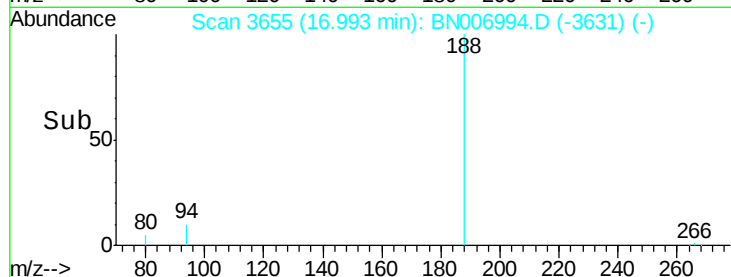
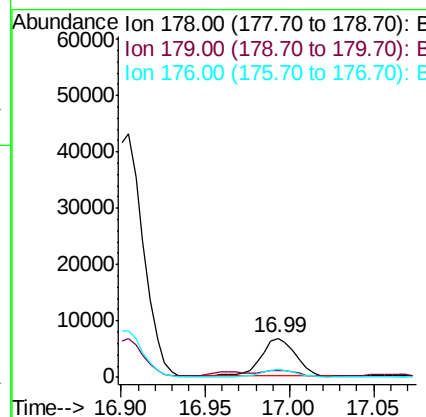
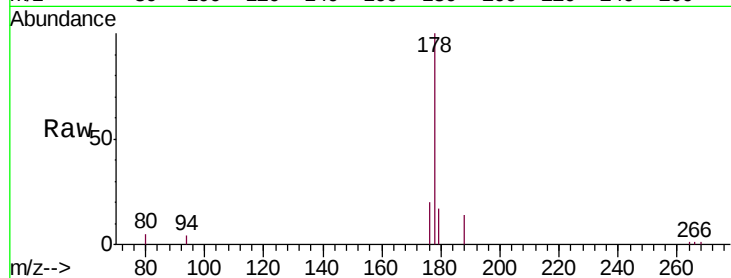
ClientSampleId :

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Tgt Ion:	178	Resp:	9677
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.6	18.8
176	19.8	15.4	23.0

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#15

Fluoranthene

Concen: 1.107 ng/ul

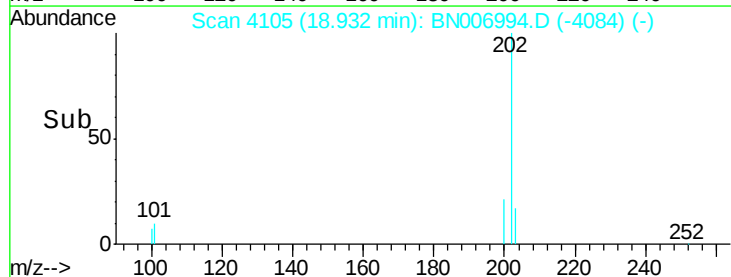
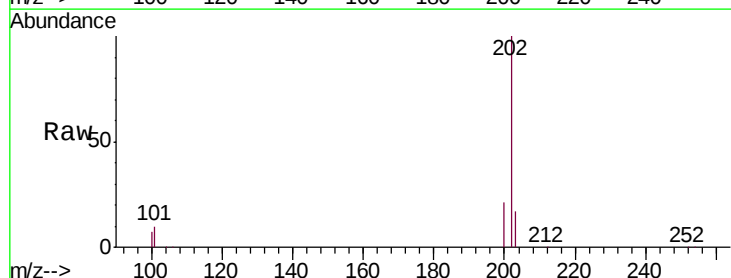
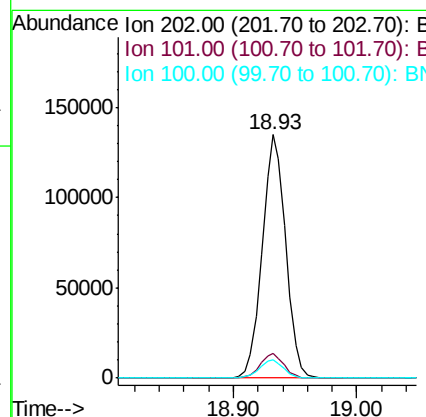
RT: 18.93 min Scan# 4105

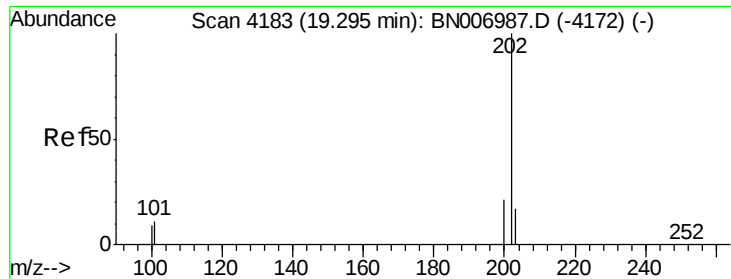
Delta R.T. -0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Tgt Ion:	202	Resp:	179252
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
100	7.4	0.0	27.7





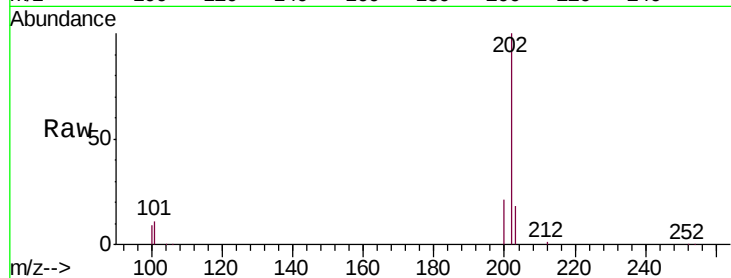
#17
Pyrene
Concen: 0.986 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Instrument :
BNA_N
ClientSampleId :
BENY7DL

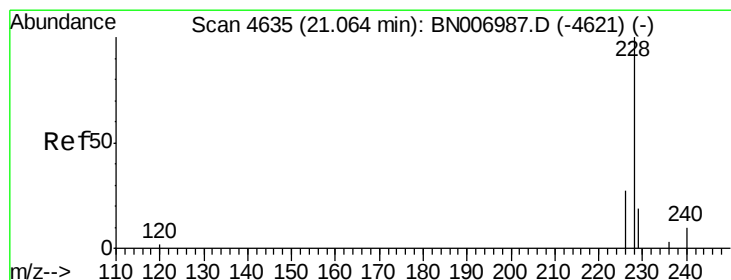
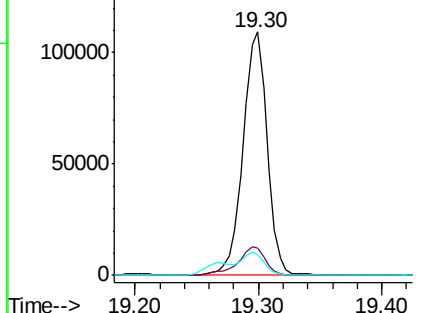
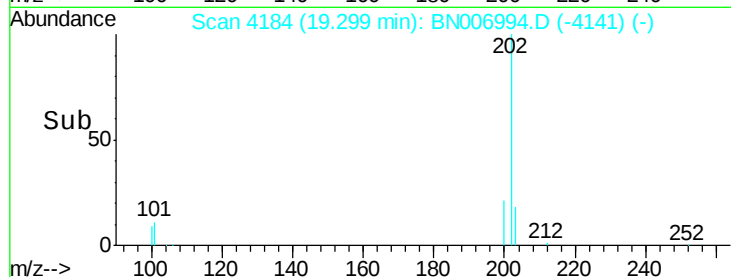
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	9.3	13.9
100	8.8	7.3	10.9

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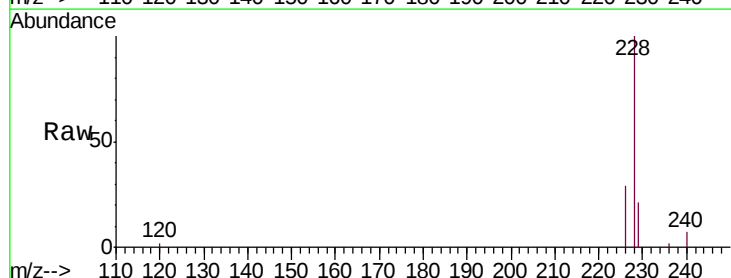


Abundance Ion 202.00 (201.70 to 202.70): E
150000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

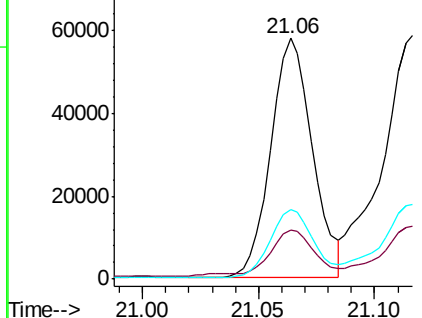
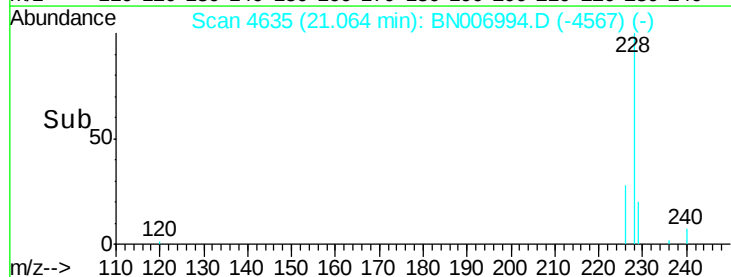


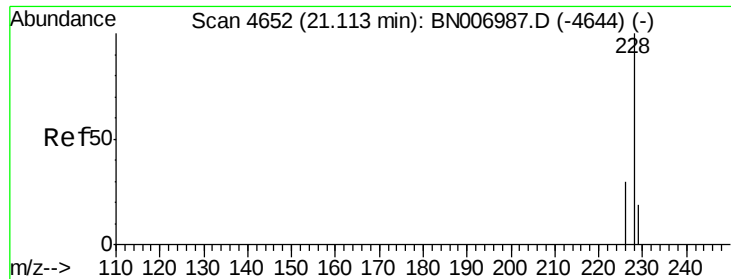
#18
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.06 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.9	23.9
226	28.9	22.2	33.4



Abundance Ion 228.00 (227.70 to 228.70): E
80000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.616 ng/ul

RT: 21.12 min Scan# 4653

Delta R.T. 0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Instrument :

BNA_N

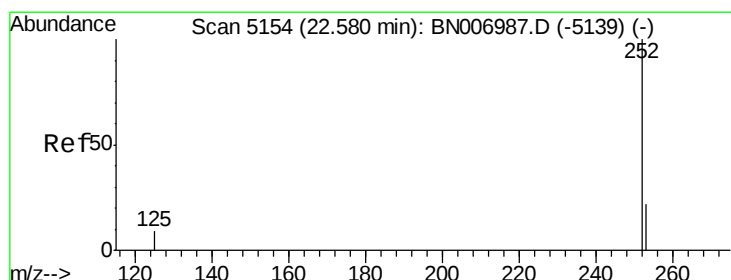
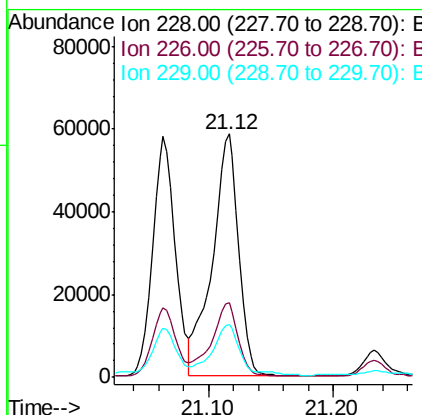
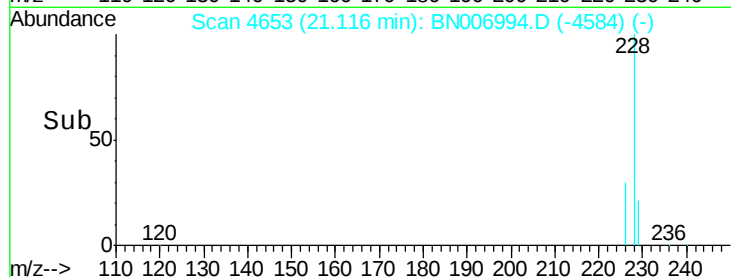
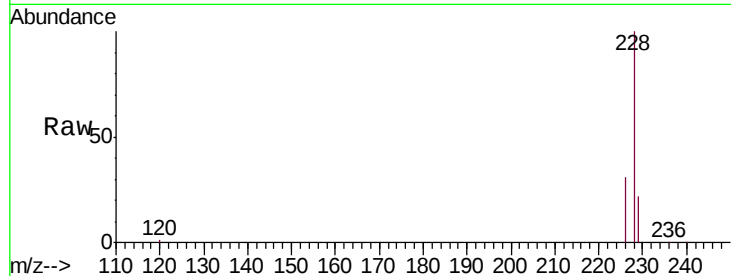
ClientSampleId :

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Tgt Ion:	228	Resp:	85448
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	22.0	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.939 ng/ul m

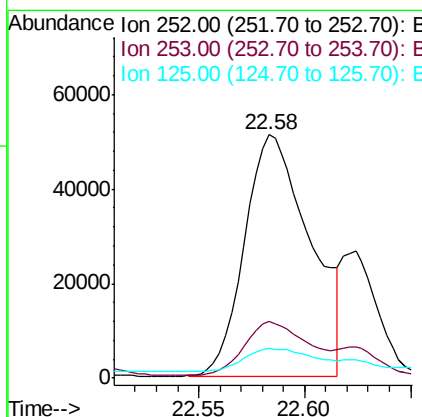
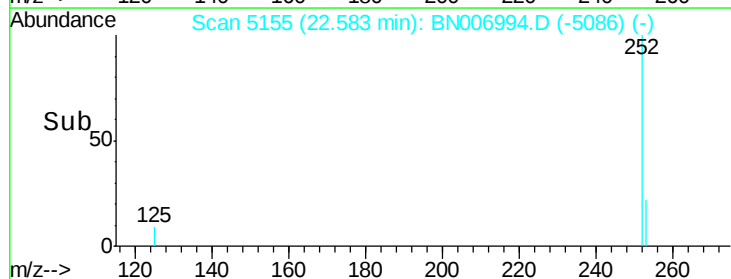
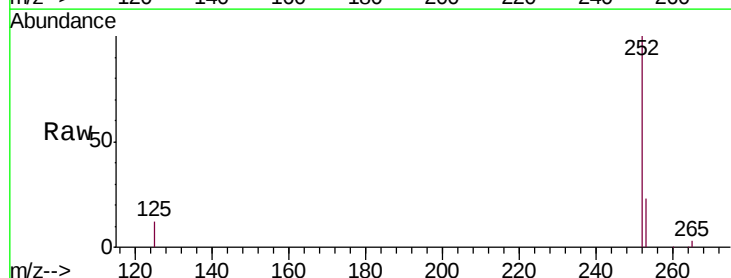
RT: 22.58 min Scan# 5155

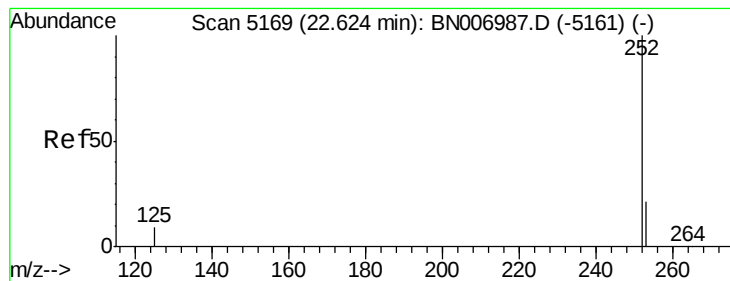
Delta R.T. 0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Tgt Ion:	252	Resp:	109338
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	45.2
125	12.1	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.267 ng/ul m

RT: 22.62 min Scan# 5169

Delta R.T. -0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Instrument :

BNA_N

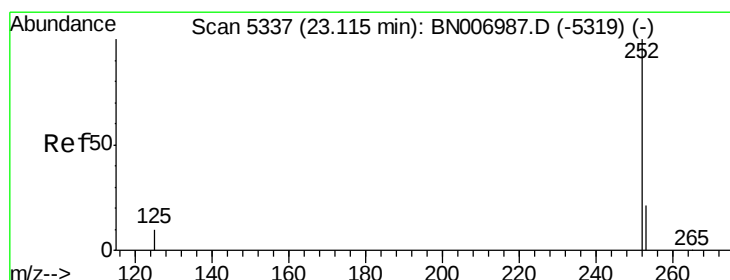
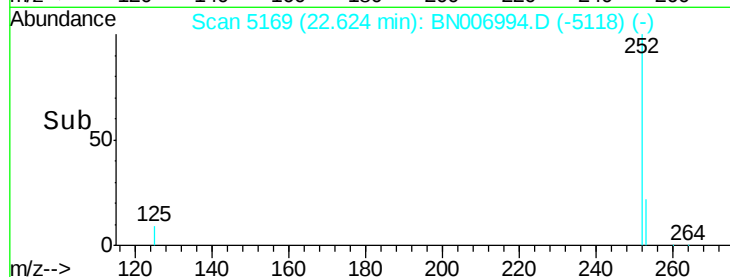
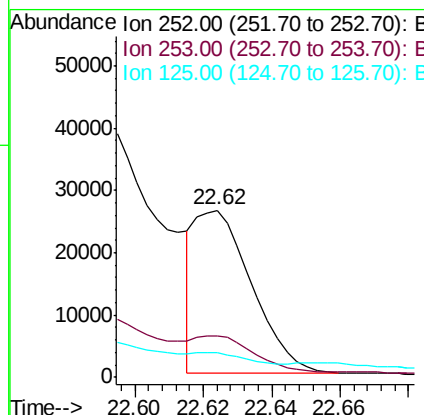
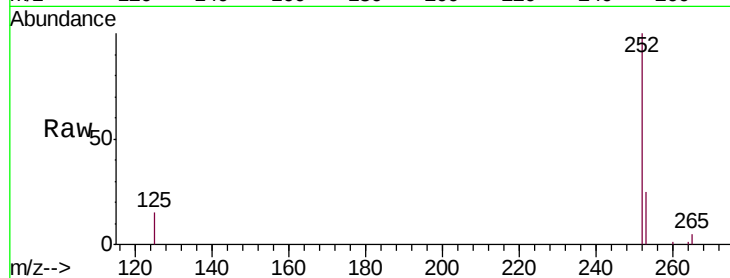
ClientSampleId :

BENY7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	28.0
125	14.6	8.7	13.1

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#23

Benzo(a)pyrene

Concen: 0.531 ng/ul

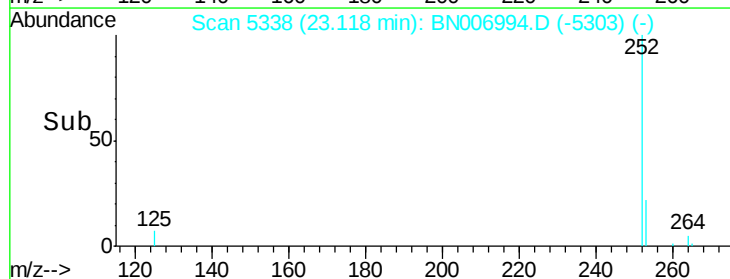
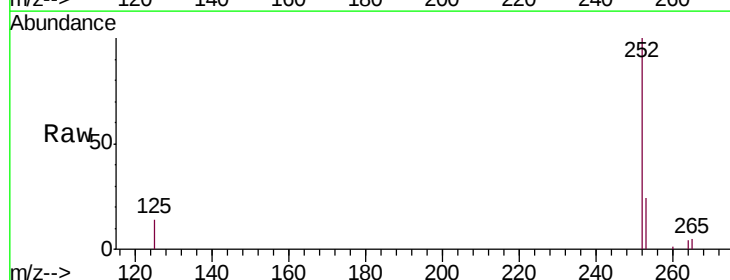
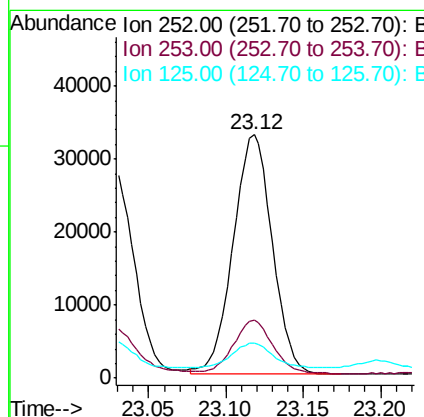
RT: 23.12 min Scan# 5338

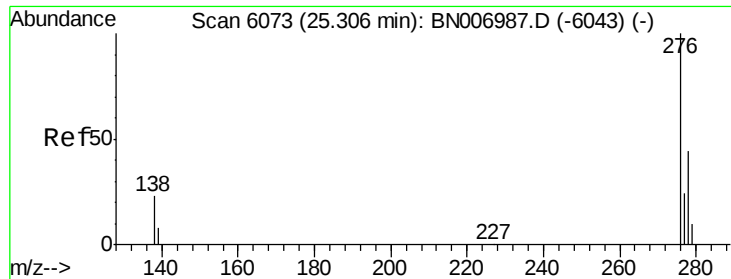
Delta R.T. 0.00 min

Lab File: BN006994.D

Acq: 07 Aug 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.1	10.0	15.0





#24

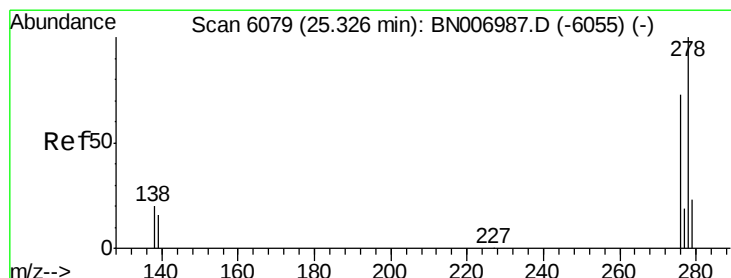
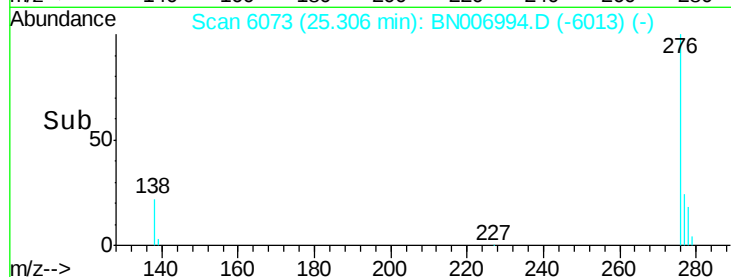
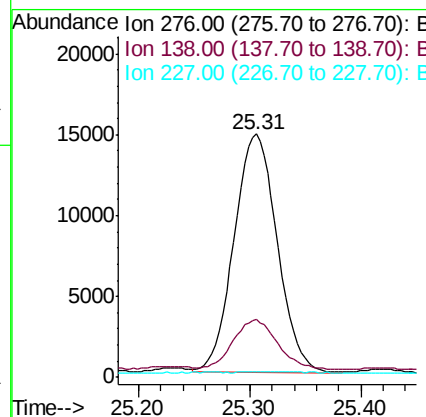
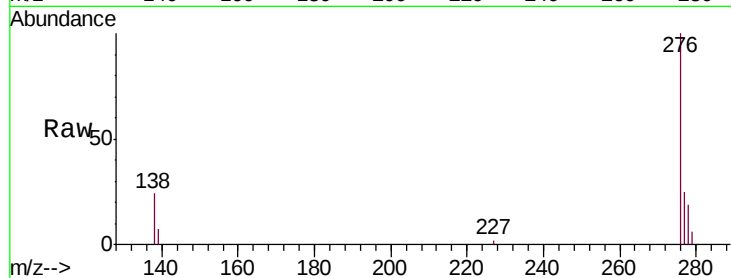
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/u1
RT: 25.31 min Scan# 6073
Delta R.T. -0.00 min
Lab File: BN006994.D
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Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.9	29.9
227	0.0	0.2	0.4

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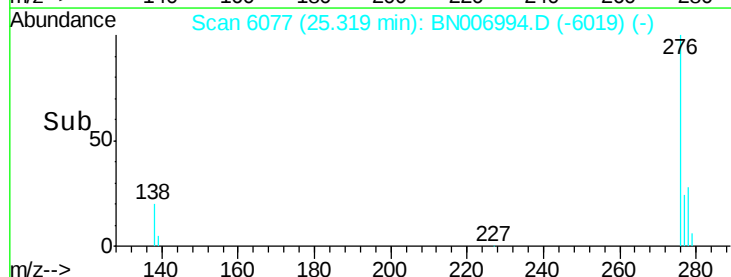
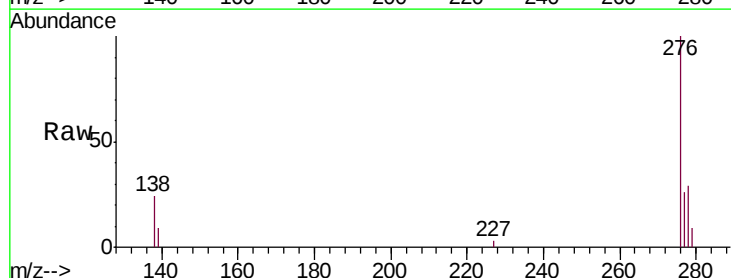
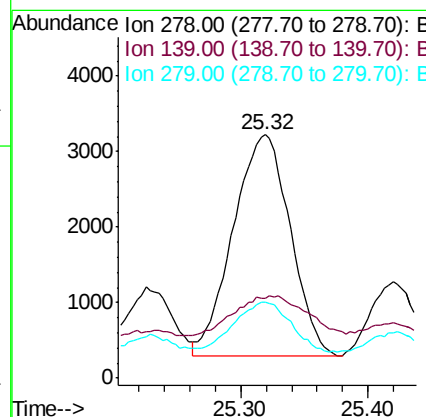
mohammad
8/9/2019 6:15:00 AM

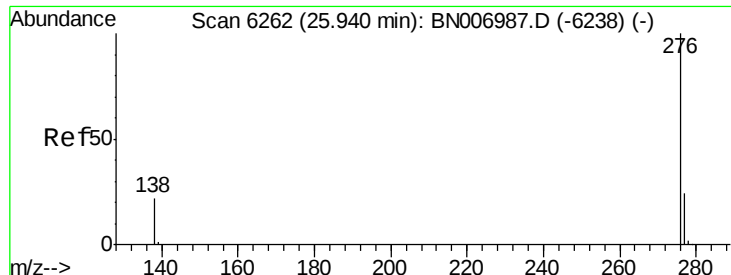


#25

Dibenzo(a,h)anthracene
Concen: 0.097 ng/u1
RT: 25.32 min Scan# 6077
Delta R.T. -0.01 min
Lab File: BN006994.D
Acq: 07 Aug 2019 19:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.8	14.3	21.5
279	31.2	19.6	29.4





#26

Benzo(g,h,i)perylene

Concen: 0.323 ng/ul

RT: 25.94 min Scan# 6262

Delta R.T. 0.00 min

Lab File: BN006994.D

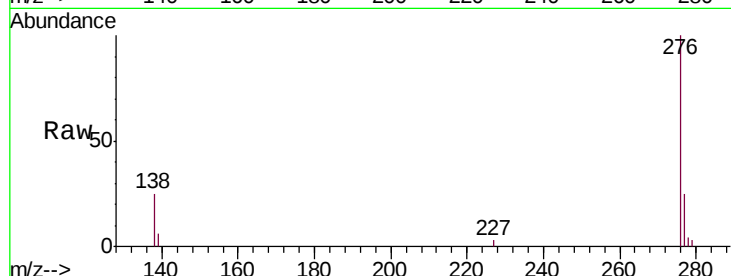
Acq: 07 Aug 2019 19:09

Instrument :

BNA_N

ClientSampleId :

BENY7DL



Tgt Ion: 276 Resp: 31963

Ion Ratio Lower Upper

276 100

138 24.8 18.7 28.1

277 25.1 19.3 28.9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:00 AM

