

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
 Data File : BN011361.D
 Acq On : 04 Aug 2020 11:19
 Operator : CG/JU
 Sample : L3443-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
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 8/5/2020 10:28:33 AM

Quant Time: Aug 04 12:03:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 03 10:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4139	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.09	164	2698	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	6527m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6843	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	7549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	3548	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	11059	0.35	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.81	152	332	0.026	ng/ul#	64
8) Acenaphthene	14.15	153	2440	0.238	ng/ul	99
9) Fluorene	15.15	166	685	0.057	ng/ul#	94
12) Phenanthrene	16.89	178	971	0.045	ng/ul#	85
13) Anthracene	16.98	178	997	0.053	ng/ul#	83
15) Fluoranthene	18.92	202	9913	0.372	ng/ul	98
17) Pyrene	19.28	202	6288m	0.202	ng/ul	
18) Benzo(a)anthracene	21.05	228	2203m	0.084	ng/ul	
19) Chrysene	21.10	228	6121	0.203	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	6639m	0.211	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	2417m	0.068	ng/ul	
23) Benzo(a)pyrene	23.09	252	2787	0.102	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.25	276	2715	0.094	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.25	278	697	0.030	ng/ul#	13
26) Benzo(g,h,i)perylene	25.88	276	2758	0.106	ng/ul#	90

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

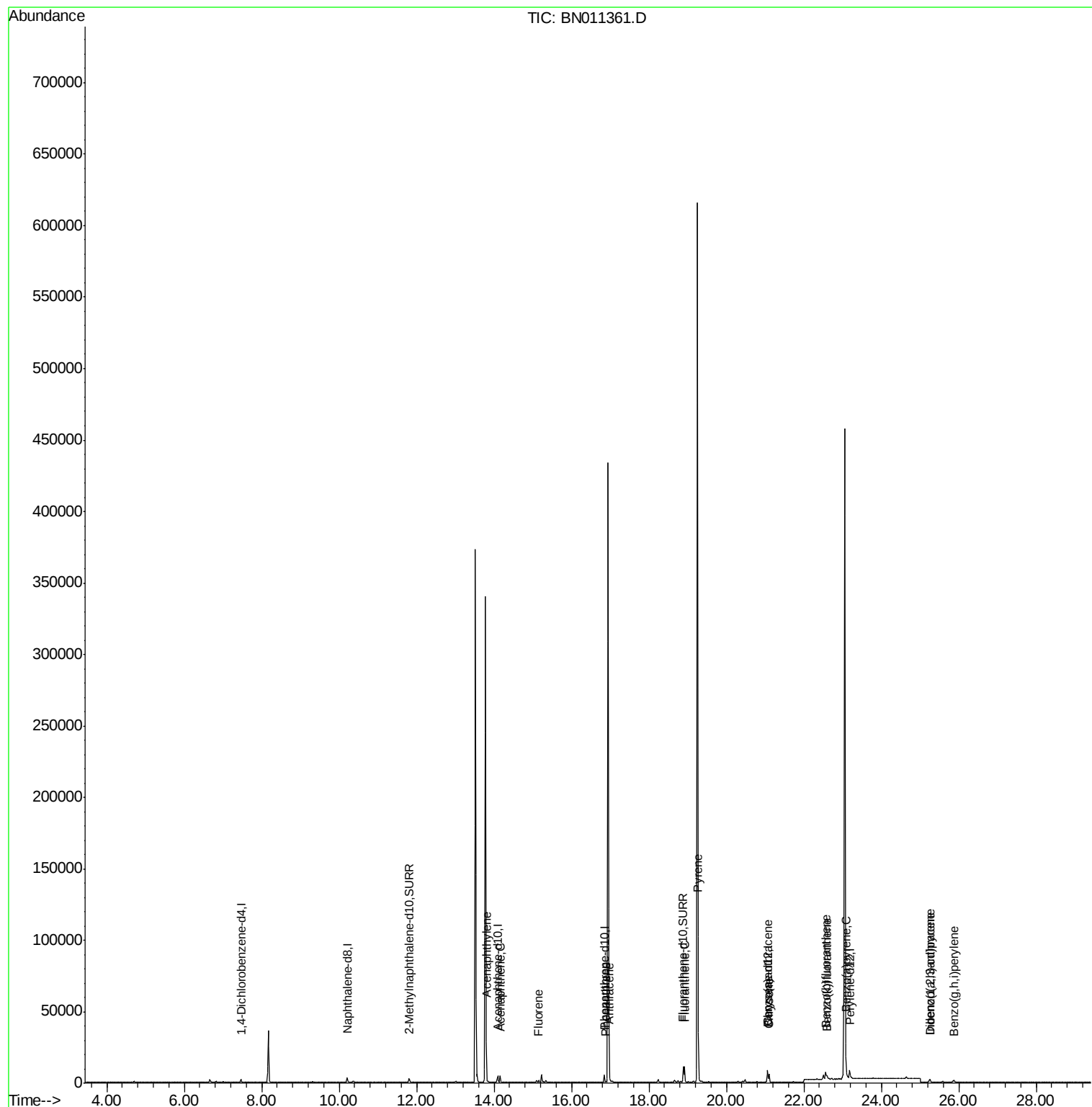
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
Data File : BN011361.D
Acq On : 04 Aug 2020 11:19
Operator : CG/JU
Sample : L3443-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

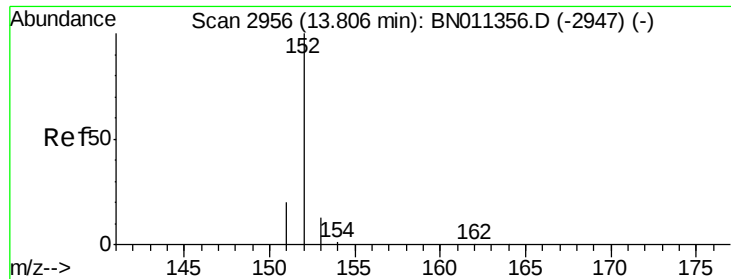
Instrument :
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Quant Time: Aug 04 12:03:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 10:06:56 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Instrument :

BNA_N

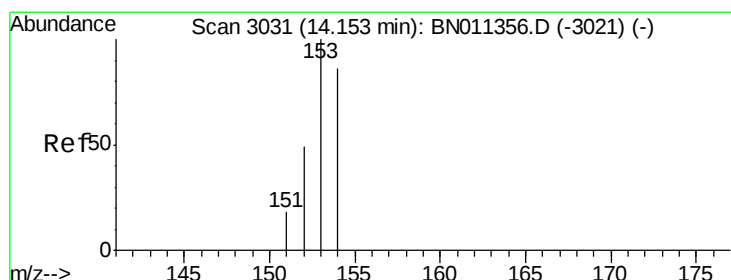
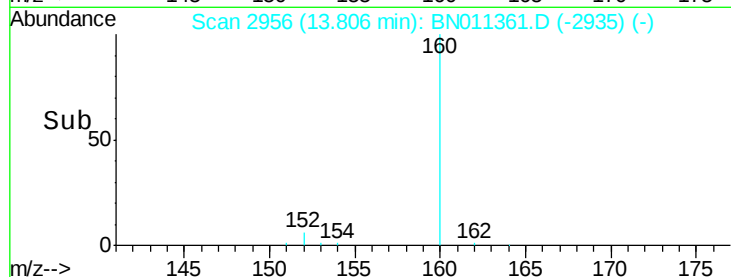
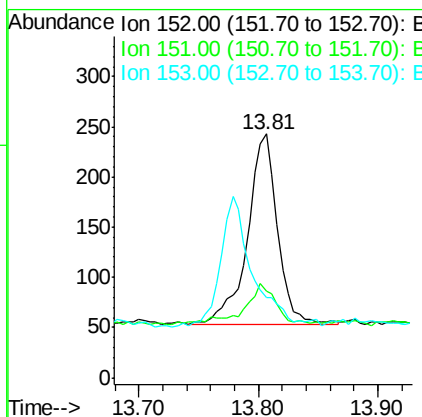
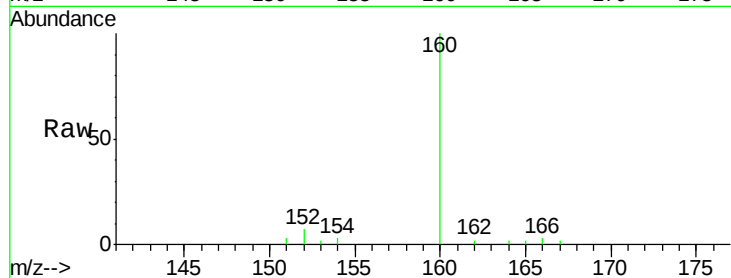
ClientSampleId :

C0AA9

Tgt Ion	Ratio	Lower	Upper
152	100		
151	35.4	17.1	25.7#
153	32.9	11.4	17.0#

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#8

Acenaphthene

Concen: 0.238 ng/ul

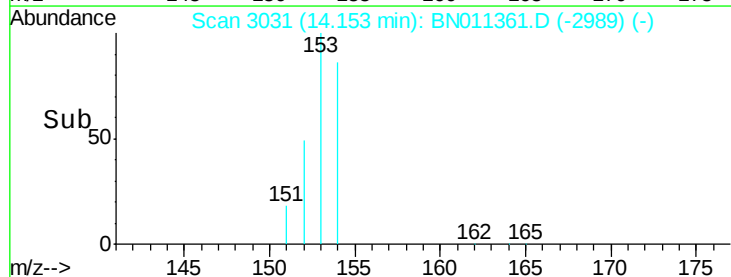
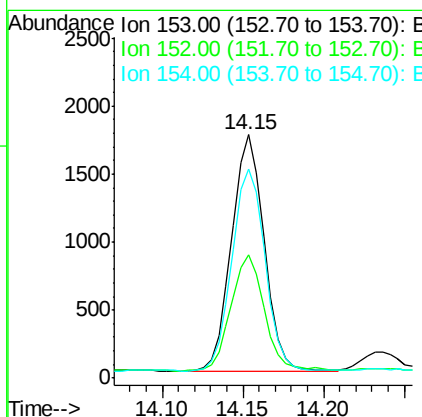
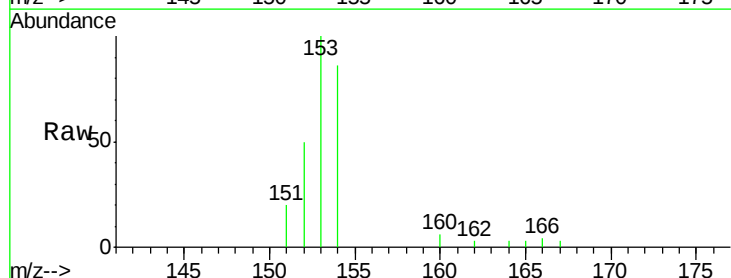
RT: 14.15 min Scan# 3031

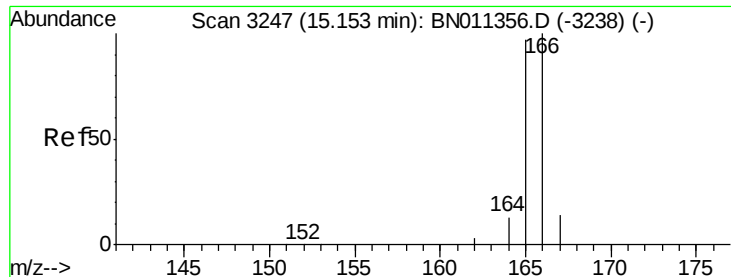
Delta R.T. -0.00 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.5	60.7
154	86.1	69.5	104.3





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.15 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Instrument :

BNA_N

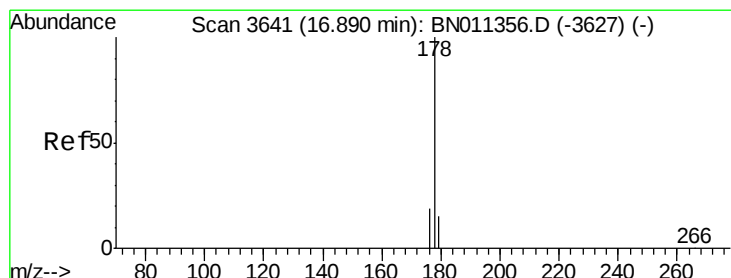
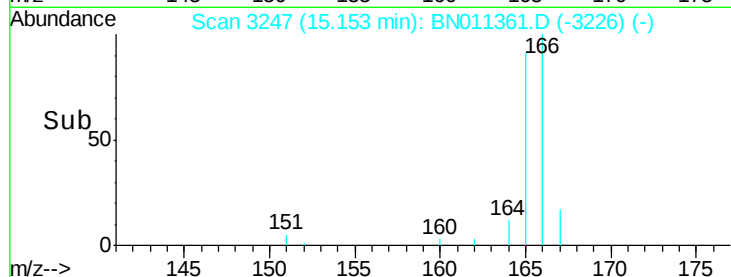
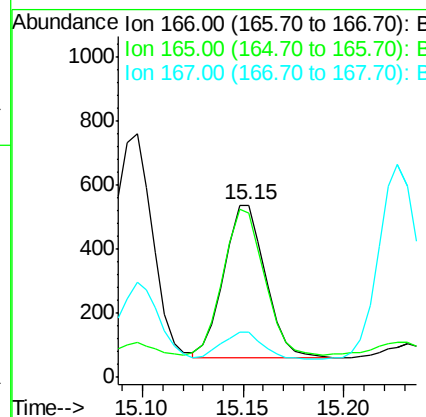
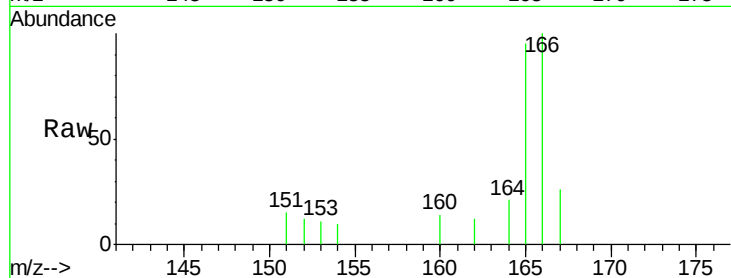
ClientSampleId :

C0AA9

Tgt Ion:	166	Resp:	685
Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.8	118.2
167	26.2	12.1	18.1#

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#12

Phenanthrene

Concen: 0.045 ng/ul

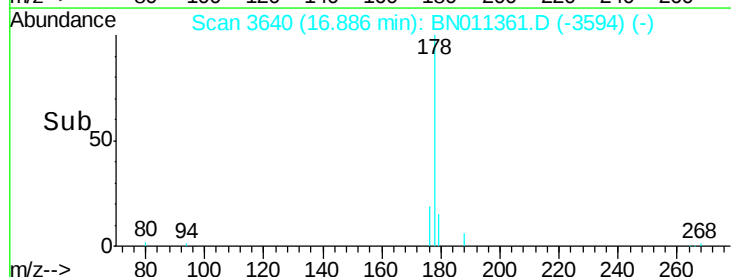
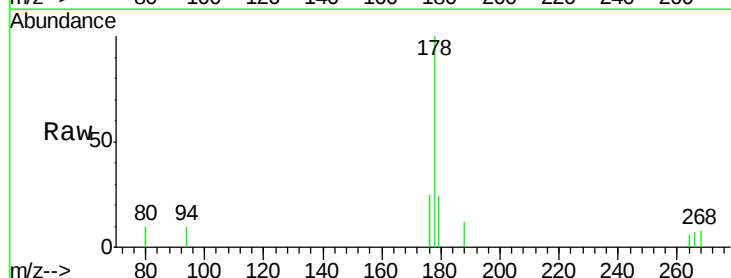
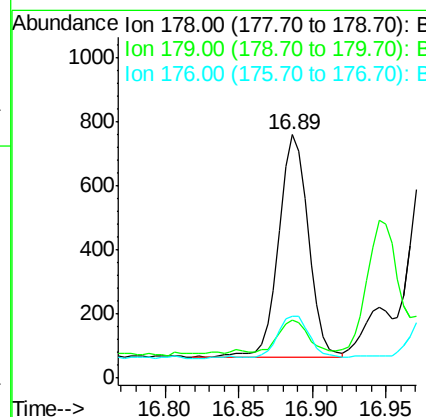
RT: 16.89 min Scan# 3640

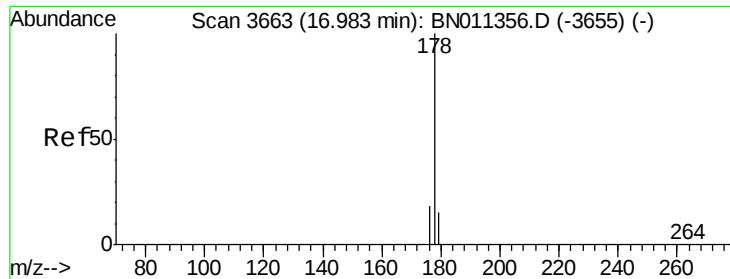
Delta R.T. -0.00 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Tgt Ion:	178	Resp:	971
Ion	Ratio	Lower	Upper
178	100		
179	23.6	12.6	18.8#
176	25.2	15.7	23.5#





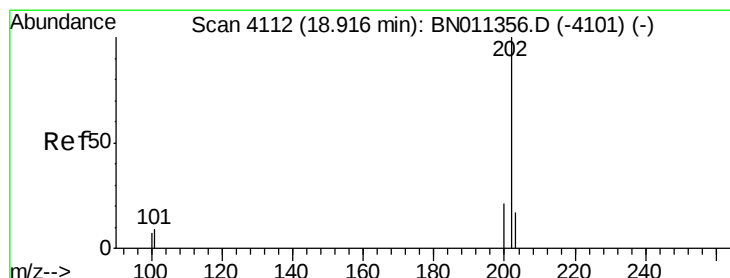
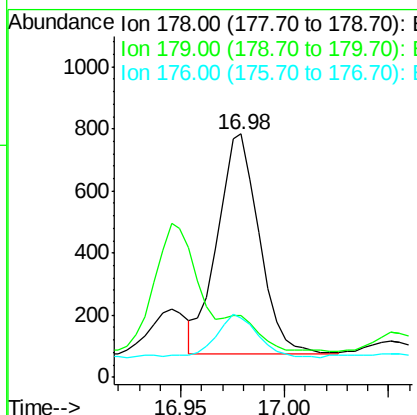
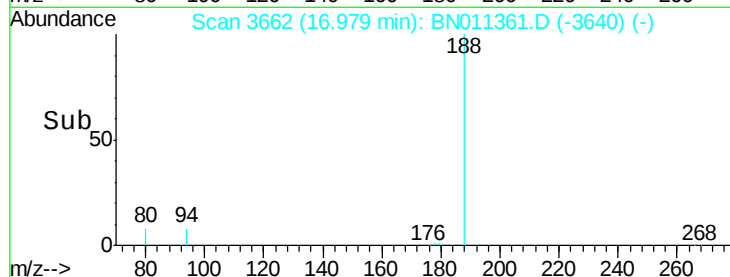
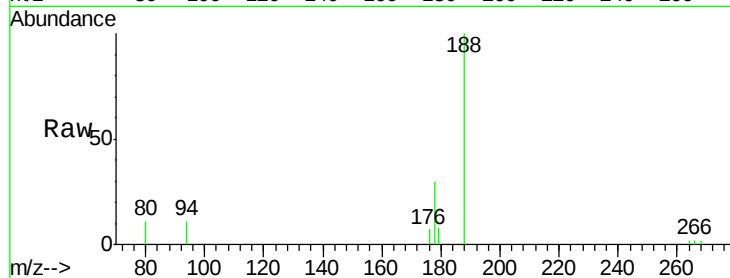
#13
 Anthracene
 Concen: 0.053 ng/ul
 RT: 16.98 min Scan# 3662
 Delta R.T. -0.01 min
 Lab File: BN011361.D
 Acq: 04 Aug 2020 11:19

Instrument :
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 ClientSampleId :
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Tgt Ion:	178	Resp:	997
Ion Ratio	Lower	Upper	
178	100		
179	25.3	13.1	19.7#
176	24.5	14.8	22.2#

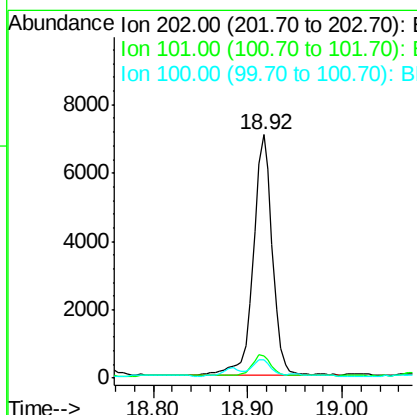
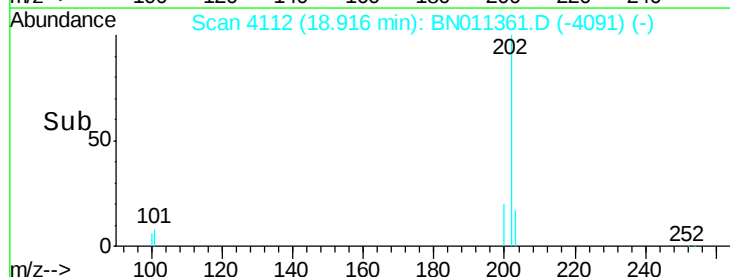
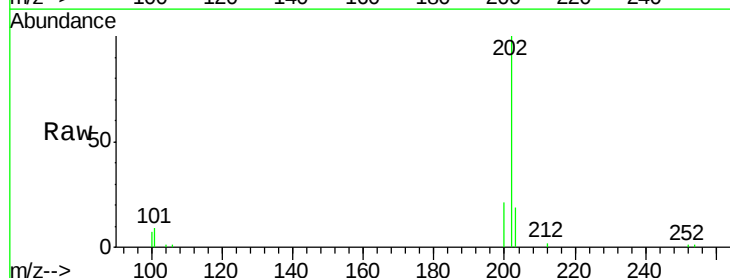
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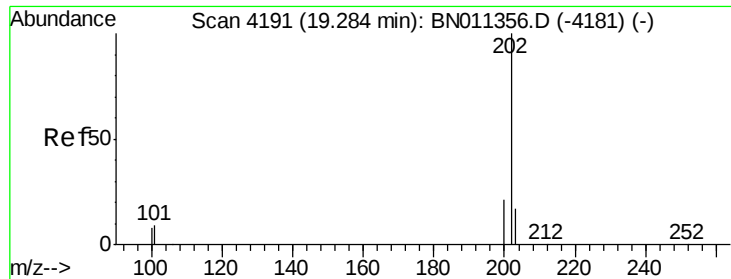
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#15
 Fluoranthene
 Concen: 0.372 ng/ul
 RT: 18.92 min Scan# 4112
 Delta R.T. -0.00 min
 Lab File: BN011361.D
 Acq: 04 Aug 2020 11:19

Tgt Ion:	202	Resp:	9913
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.2
100	7.3	0.0	26.8





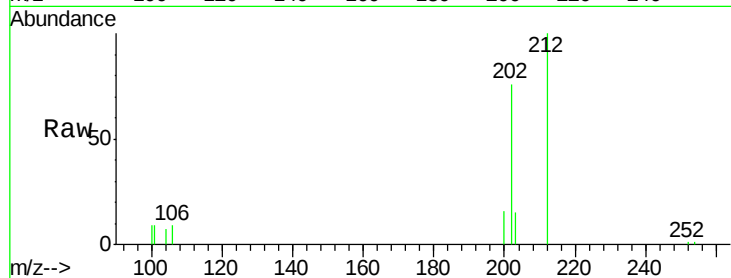
#17
Pyrene
Concen: 0.202 ng/ul m
RT: 19.28 min Scan# 4190
Delta R.T. -0.01 min
Lab File: BN011361.D
Acq: 04 Aug 2020 11:19

Instrument :
BNA_N
ClientSampleId :
C0AA9

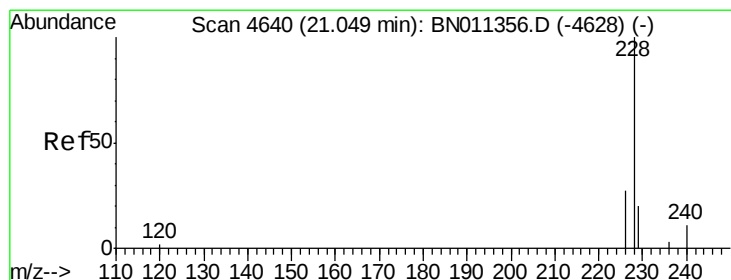
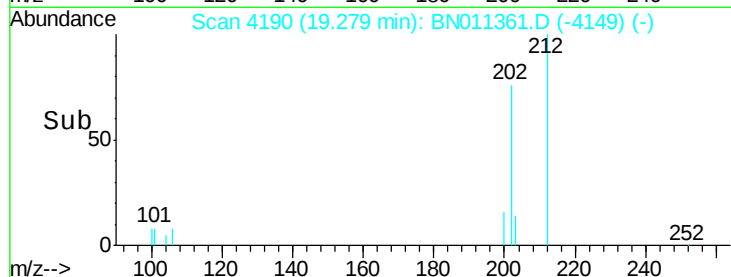
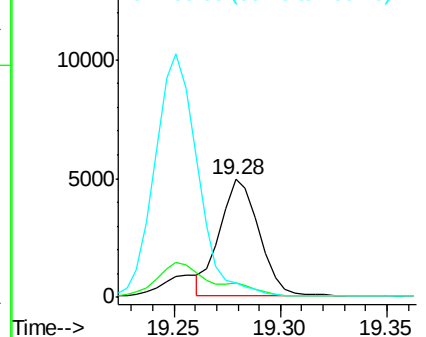
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	8.5	12.7
100	11.9	7.1	10.7#

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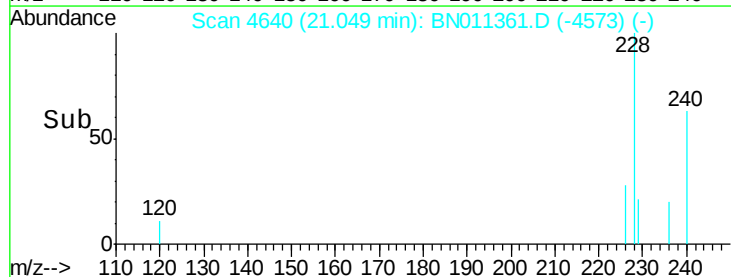
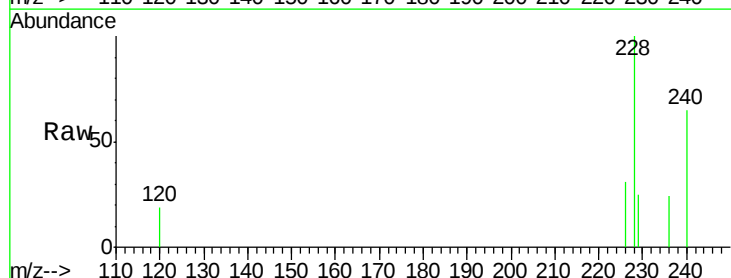
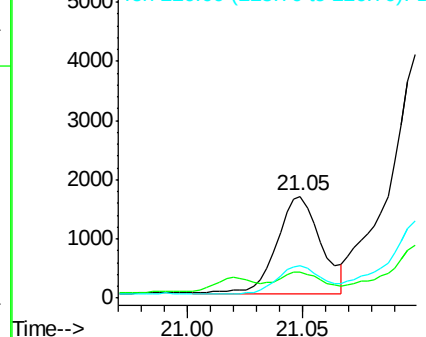
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

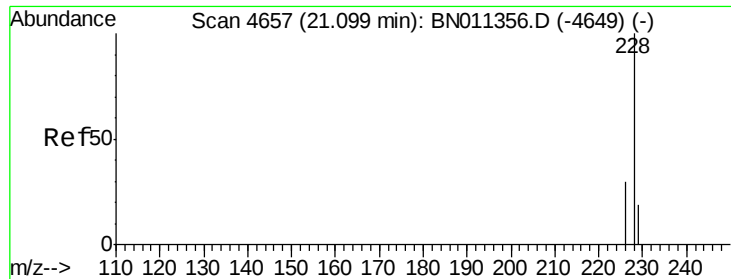


#18
Benzo(a)anthracene
Concen: 0.084 ng/ul m
RT: 21.05 min Scan# 4640
Delta R.T. -0.00 min
Lab File: BN011361.D
Acq: 04 Aug 2020 11:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.3	16.1	24.1#
226	31.2	22.2	33.2

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: 0.203 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.01 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Instrument :

BNA_N

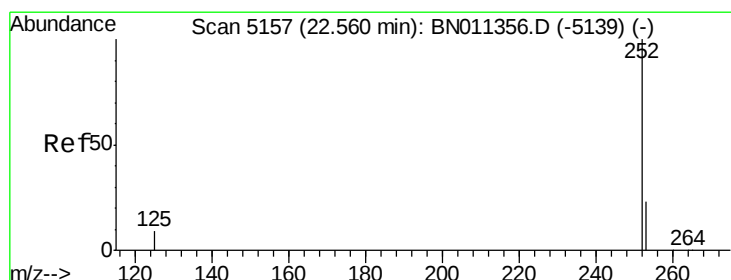
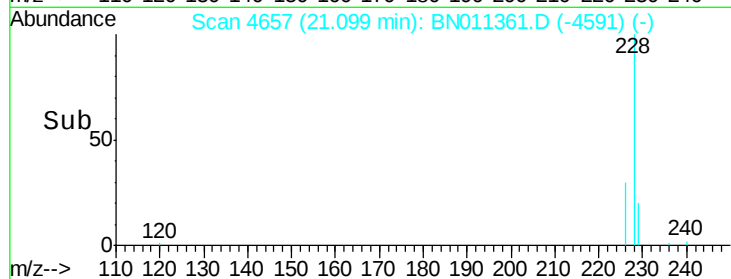
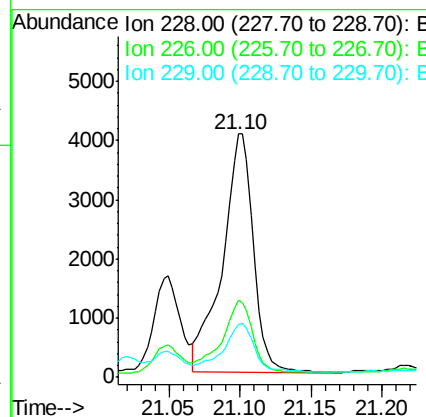
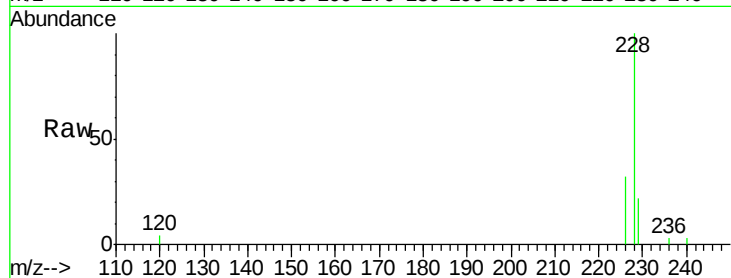
ClientSampleId :

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Tgt Ion:	228	Resp:	6121
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.5	36.7
229	21.9	15.8	23.6

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#21

Benzo(b)fluoranthene

Concen: 0.211 ng/ul m

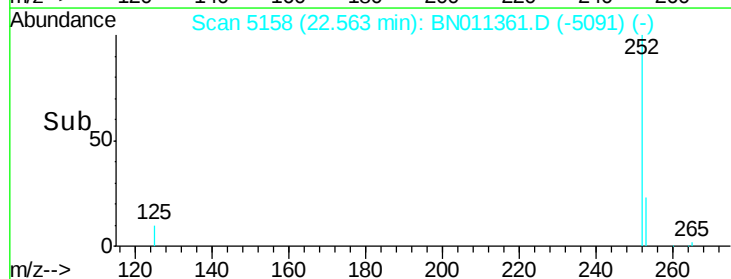
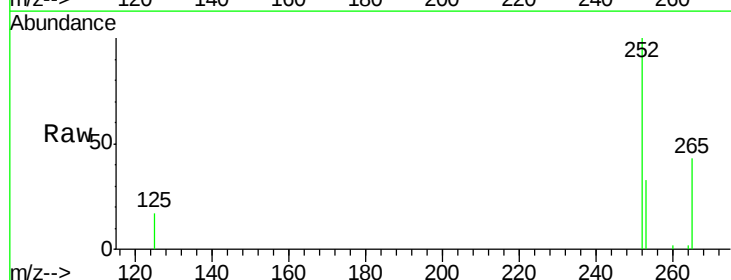
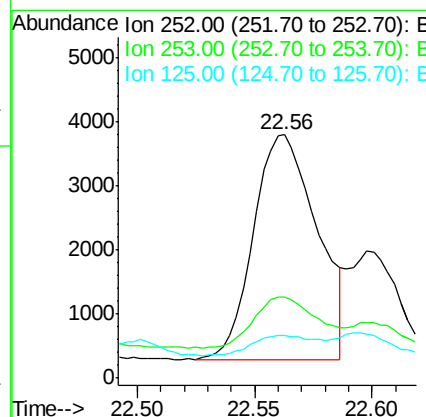
RT: 22.56 min Scan# 5158

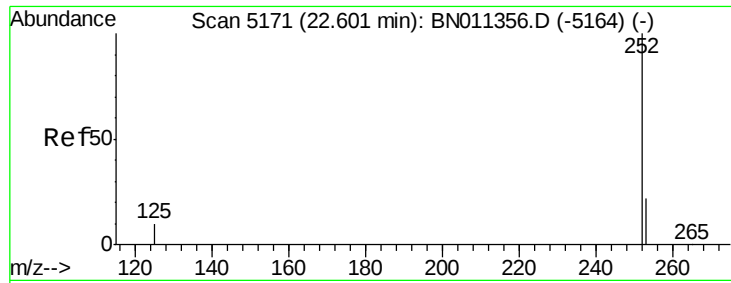
Delta R.T. -0.00 min

Lab File: BN011361.D

Acq: 04 Aug 2020 11:19

Tgt Ion:	252	Resp:	6639
Ion Ratio	Lower	Upper	
252	100		
253	33.5	0.0	51.8
125	17.4	0.0	24.2





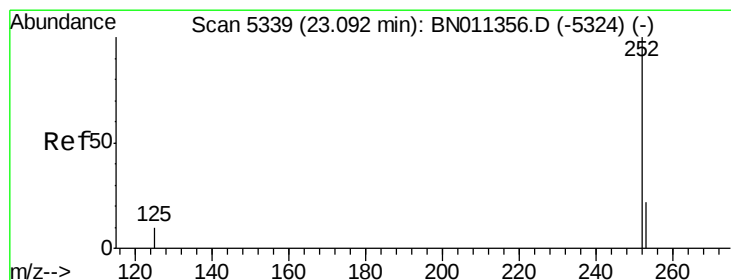
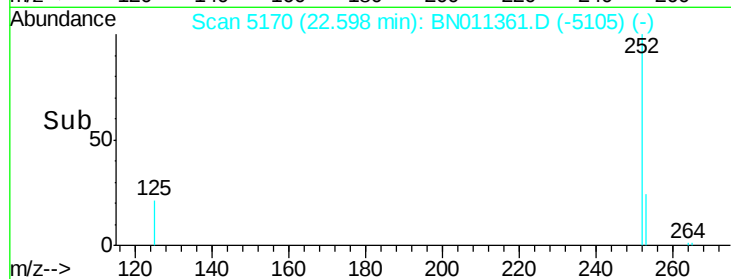
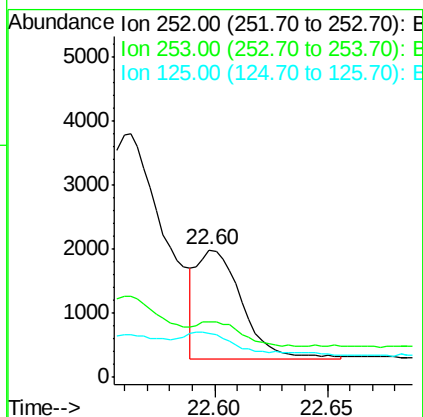
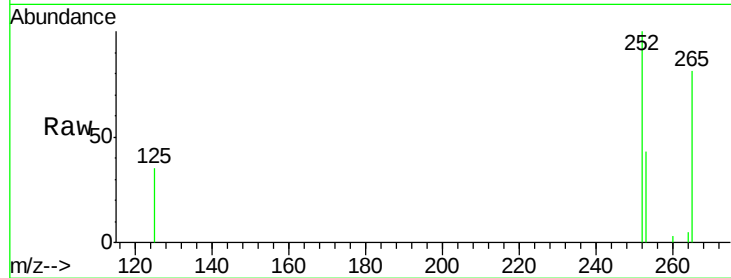
#22
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.60 min Scan# 5170
Delta R.T. -0.01 min
Lab File: BN011361.D
Acq: 04 Aug 2020 11:19

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.2	21.4	32.0#
125	34.9	12.6	18.8#

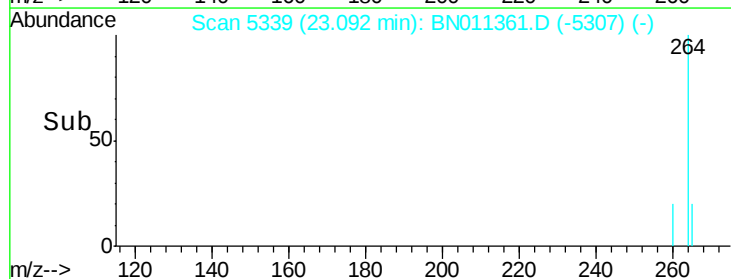
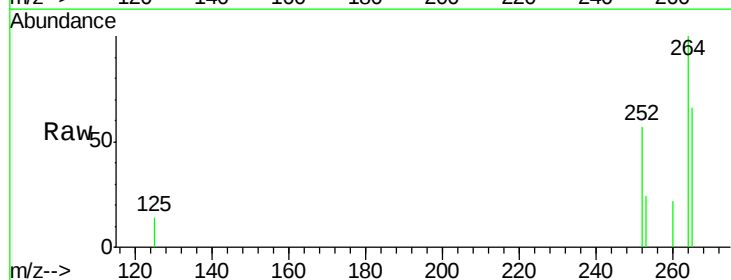
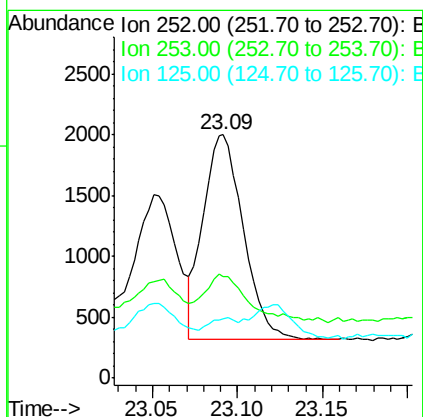
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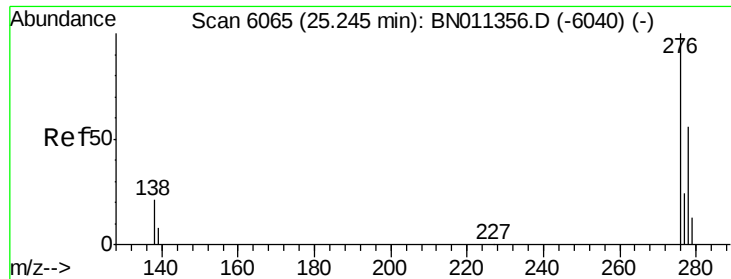
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#23
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.09 min Scan# 5339
Delta R.T. -0.01 min
Lab File: BN011361.D
Acq: 04 Aug 2020 11:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.9	22.6	34.0#
125	24.1	12.6	18.8#





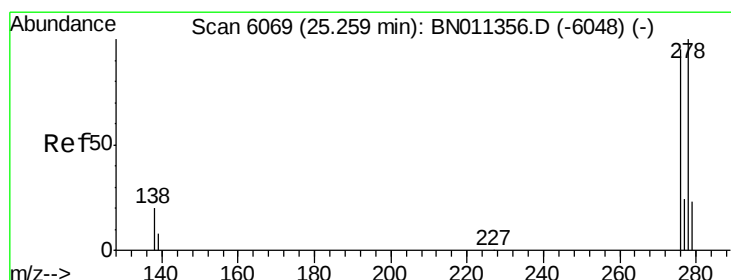
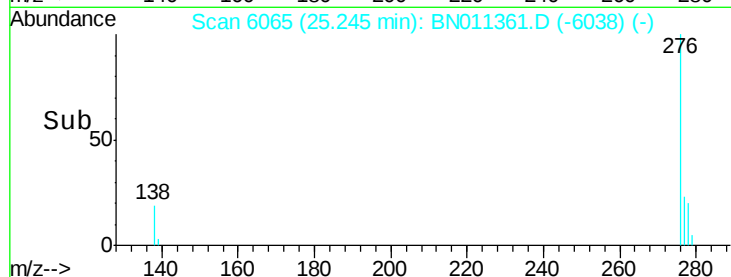
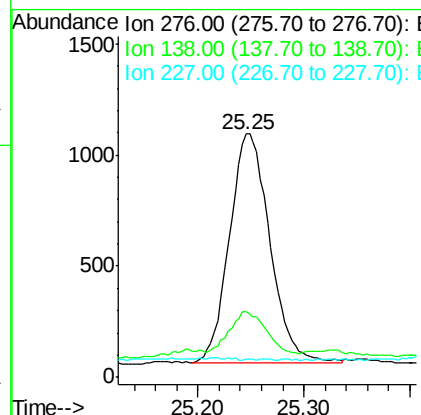
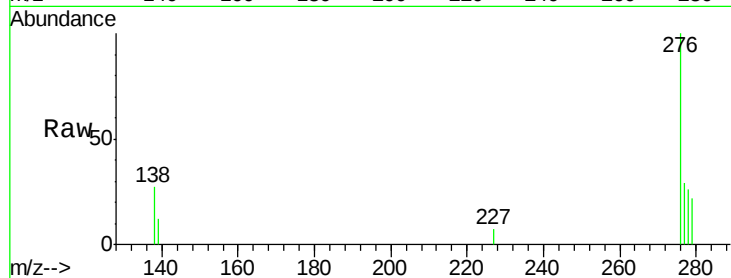
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng/u1
 RT: 25.25 min Scan# 6065
 Delta R.T. -0.01 min
 Lab File: BN011361.D
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Instrument :
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 C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2715		
138	18.3	18.1	27.1	
227	0.1	0.2	0.4#	

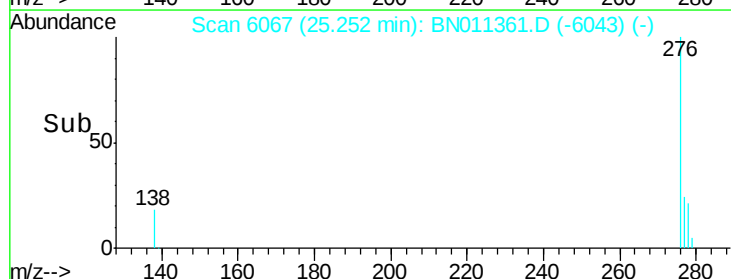
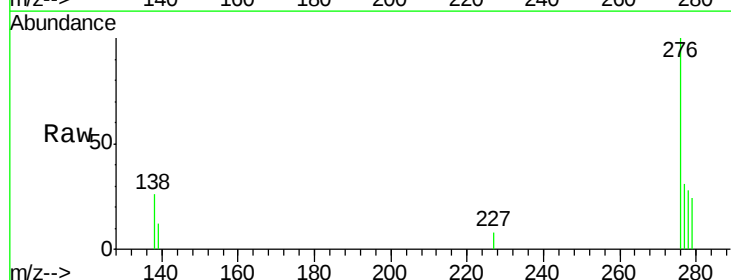
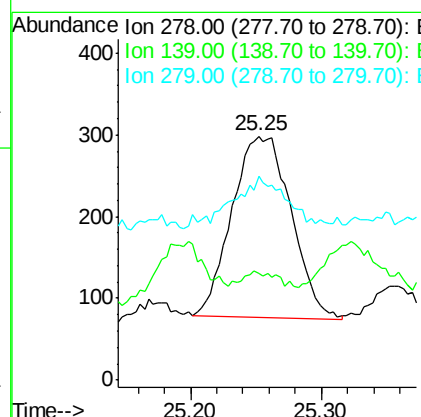
Manual Integrations
 APPROVED

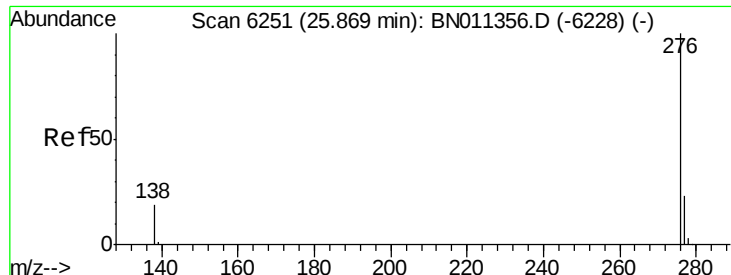
mohammad
 8/5/2020 10:28:33 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.030 ng/u1
 RT: 25.25 min Scan# 6067
 Delta R.T. -0.02 min
 Lab File: BN011361.D
 Acq: 04 Aug 2020 11:19

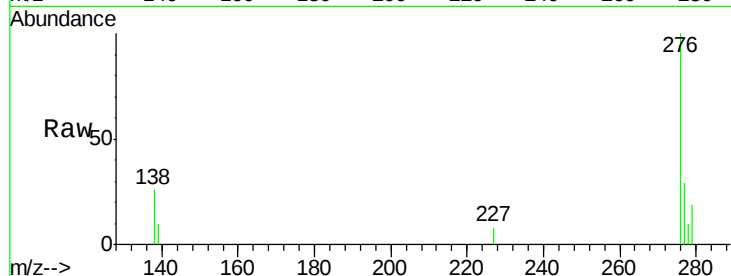
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	697		
139	43.6	14.0	21.0#	
279	83.9	22.9	34.3#	





#26
 Benzo(g,h,i)perylene
 Concen: 0.106 ng/u1
 RT: 25.88 min Scan# 6253
 Delta R.T. -0.00 min
 Lab File: BN011361.D
 Acq: 04 Aug 2020 11:19

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9



Tgt Ion:	276	Resp:	2758
Ion Ratio	Lower	Upper	
276	100		
138	26.4	16.4	24.6#
277	29.3	20.2	30.4

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