

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025342.D
 Acq On : 07 Mar 2020 10:29
 Operator : CG/JU
 Sample : L1615-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDN1

Manual Integrations
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mohammad
 3/9/2020 3:01:14 PM

Quant Time: Mar 07 21:20:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 19:35:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3724	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15958	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11112	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	26503	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	29297	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	27413	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3314	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	10721	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2821	0.059	ng/ul#	88
5) 2-Methylnaphthalene	12.10	142	1539	0.044	ng/ul	96
7) Acenaphthylene	14.01	152	34703	0.667	ng/ul#	93
8) Acenaphthene	14.36	153	8174	0.203	ng/ul	99
9) Fluorene	15.35	166	9464	0.187	ng/ul	96
12) Phenanthrene	17.08	178	91773	1.074	ng/ul	96
13) Anthracene	17.17	178	192510	2.538	ng/ul	95
15) Fluoranthene	19.10	202	1433694	13.403	ng/ul	95
17) Pyrene	19.46	202	2394670	21.552	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	1096433	10.182	ng/ul	100
19) Chrysene	21.26	228	1569313	13.262	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	2172994m	19.812	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	653463m	5.681	ng/ul	
23) Benzo(a)pyrene	23.32	252	854777	9.283	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.59	276	443006	3.860	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	112160m	1.179	ng/ul	
26) Benzo(a,h,i)perylene	26.25	276	256551	2.632	ng/ul#	91

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

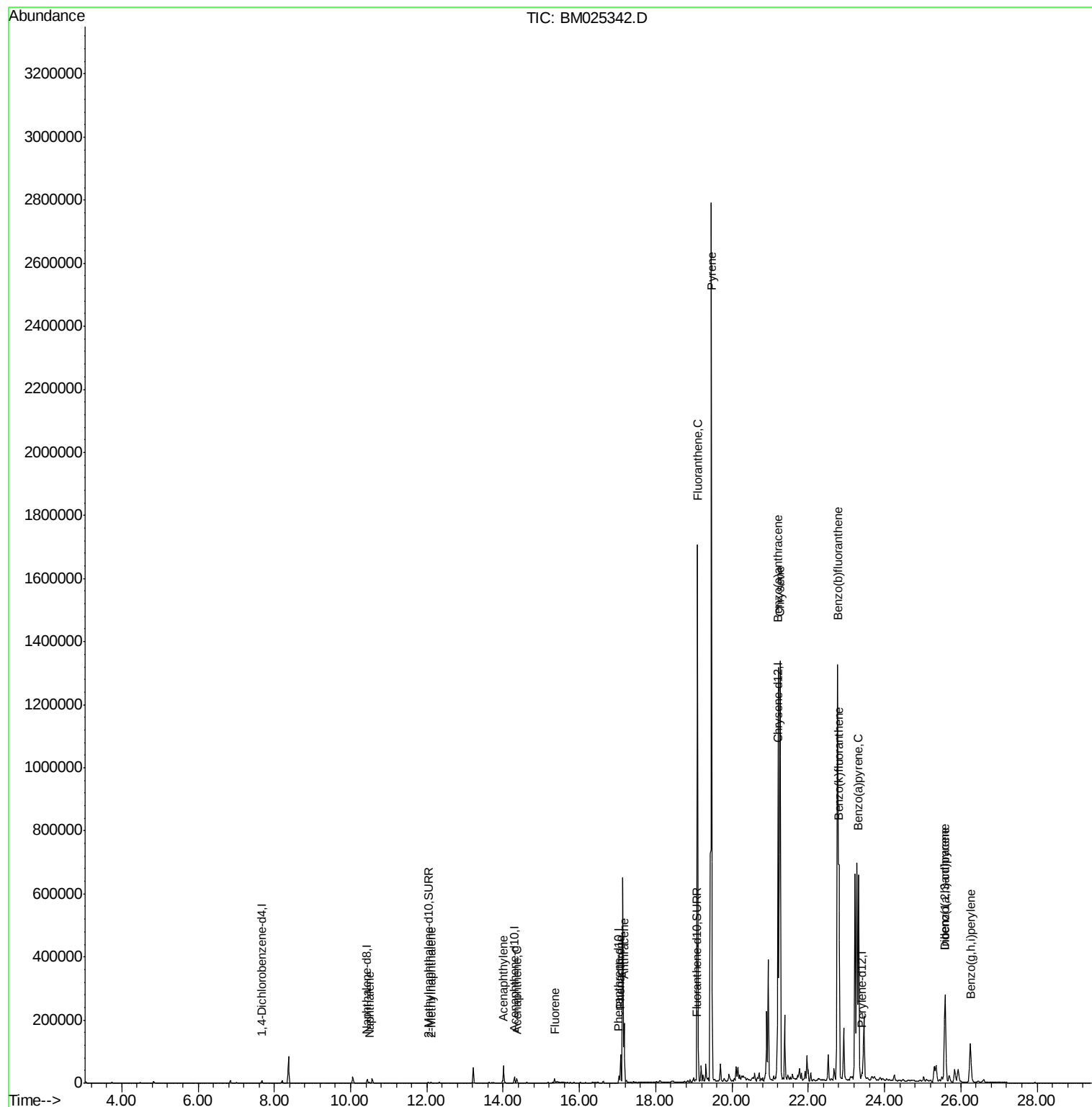
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
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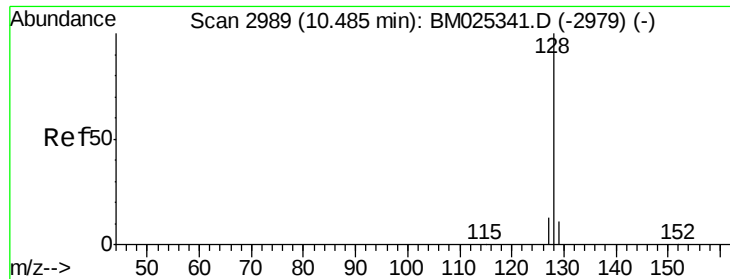
Instrument :
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Quant Time: Mar 07 21:20:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 19:35:17 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

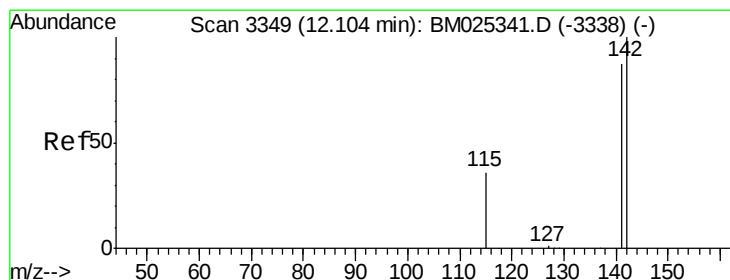
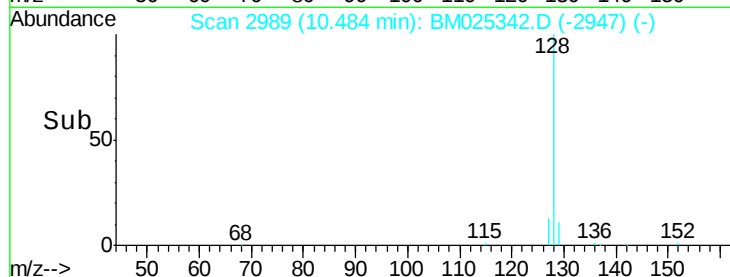
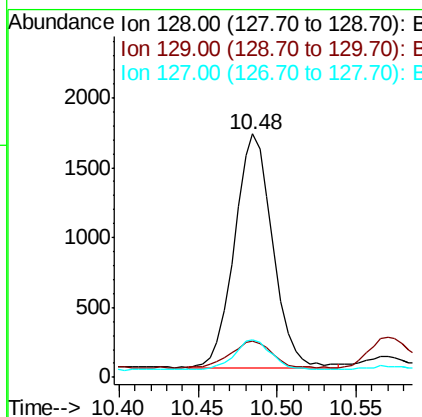
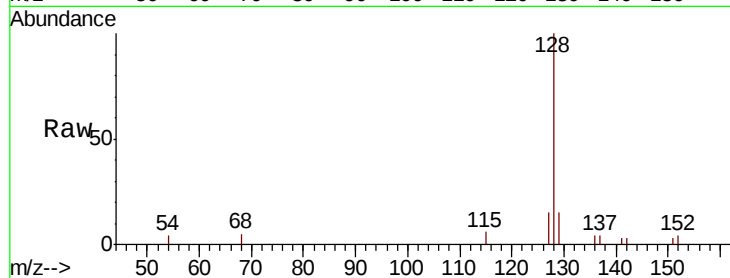
ClientSampleId :

DBDN1

Tot Ion:	128	Resp:	2821
Ion Ratio	Lower	Upper	
128	100		
129	14.8	17.0	25.6#
127	15.4	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

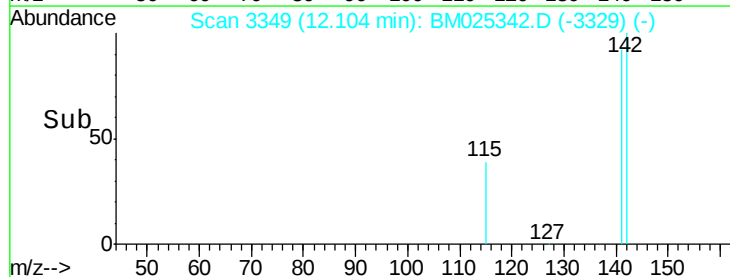
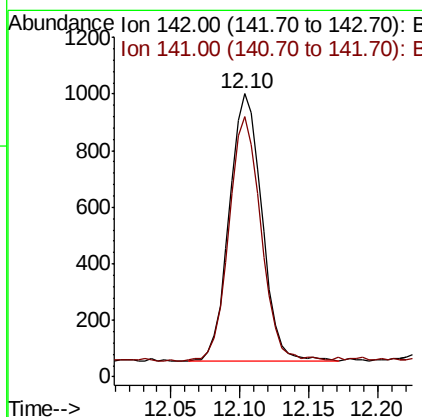
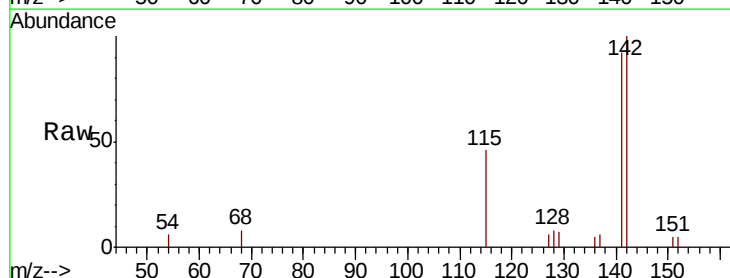
RT: 12.10 min Scan# 3349

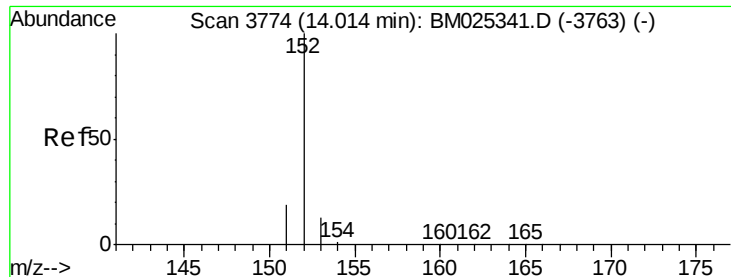
Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Tgt Ion:	142	Resp:	1539
Ion Ratio	Lower	Upper	
142	100		
141	90.8	69.8	104.8





#7

Acenaphthylene

Concen: 0.667 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

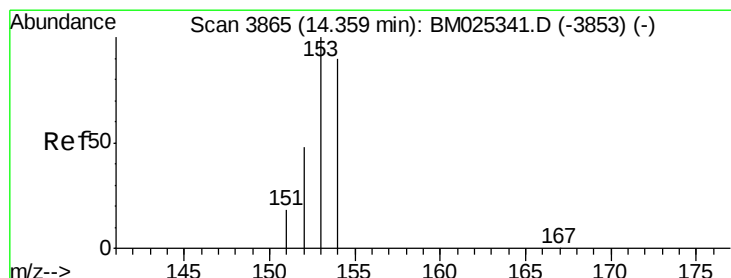
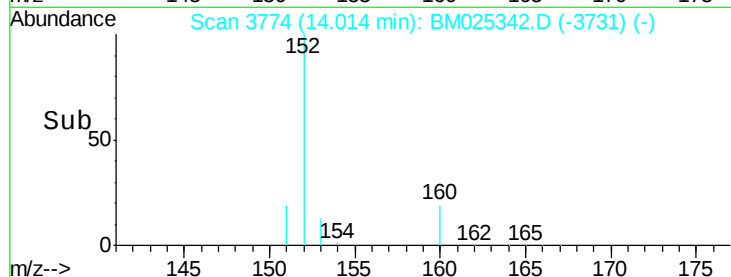
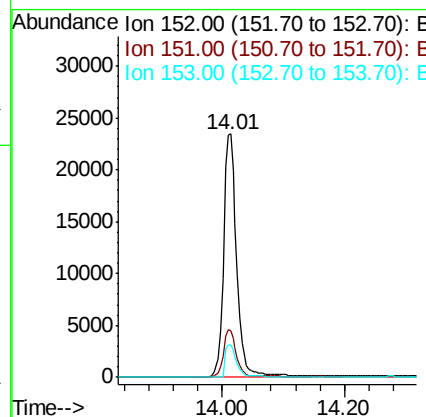
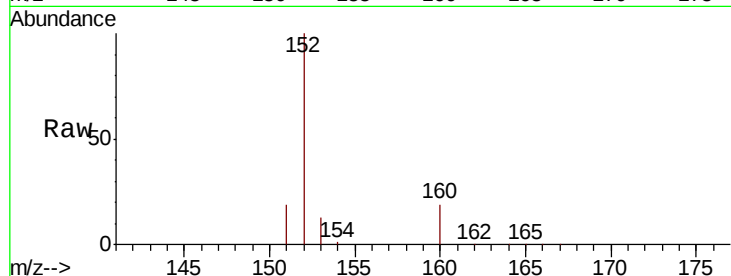
ClientSampleId :

DBDN1

Tot Ion:	152	Resp:	34703
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.8	26.8
153	13.2	13.3	19.9#

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#8

Acenaphthene

Concen: 0.203 ng/ul

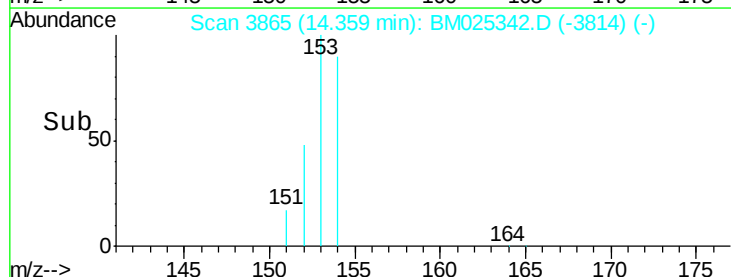
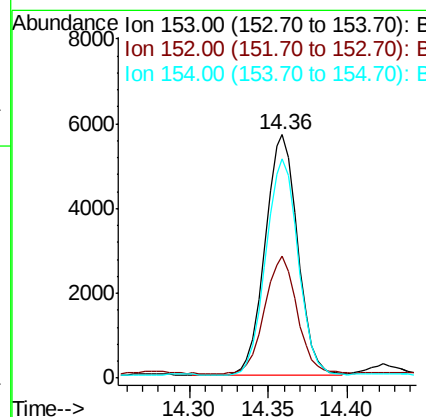
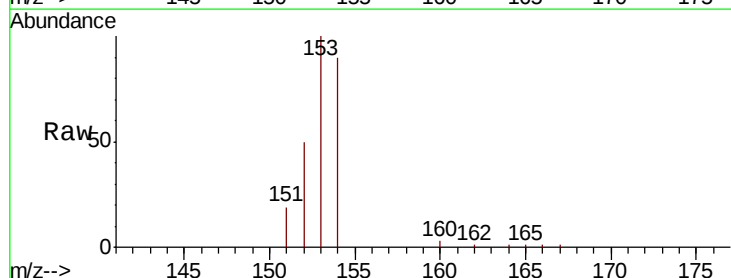
RT: 14.36 min Scan# 3865

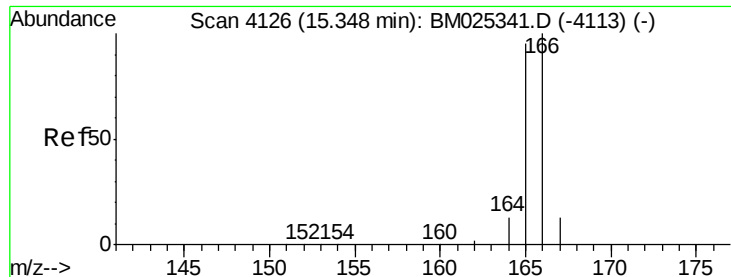
Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Tgt Ion:	153	Resp:	8174
Ion Ratio	Lower	Upper	
153	100		
152	49.9	40.0	60.0
154	90.0	71.0	106.6





#9

Fluorene

Concen: 0.187 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

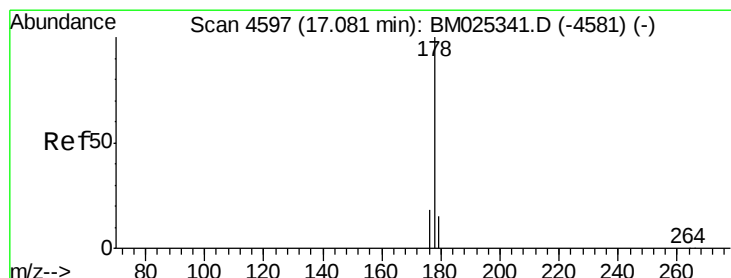
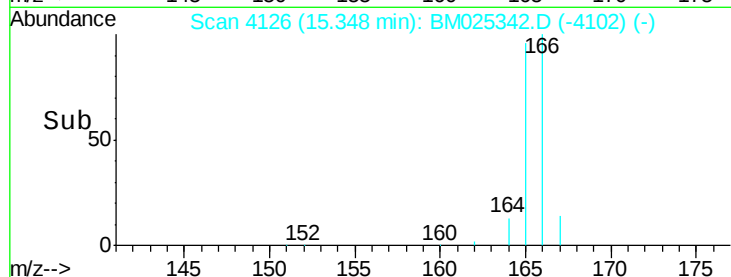
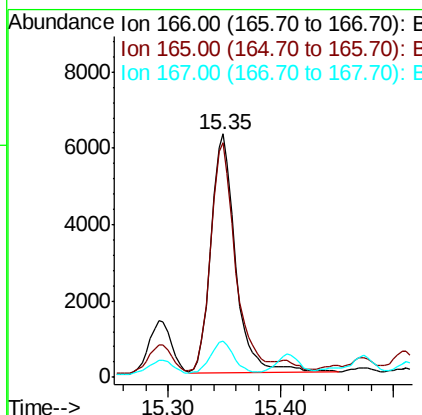
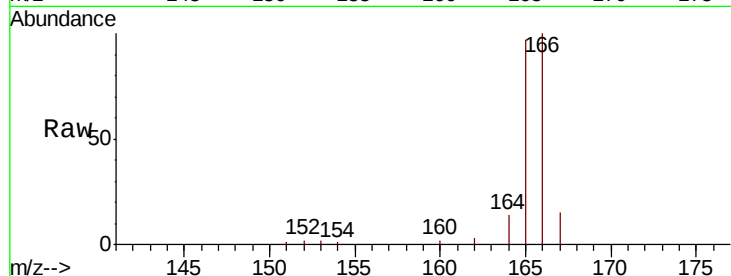
ClientSampleId :

DBDN1

Tot Ion:	166	Resp:	9464
Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.0	120.0
167	14.8	13.7	20.5

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#12

Phenanthrene

Concen: 1.074 ng/ul

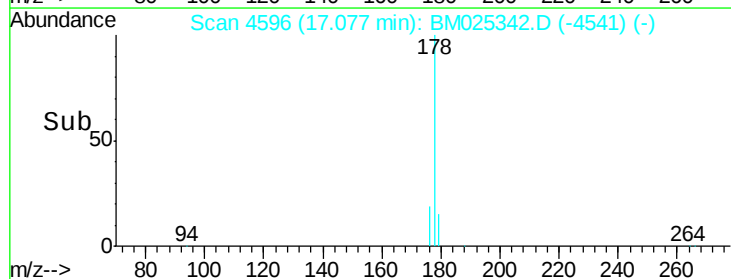
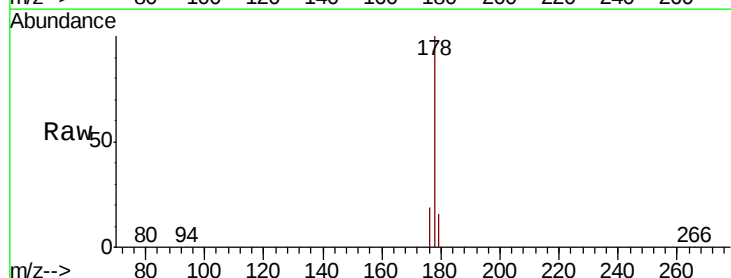
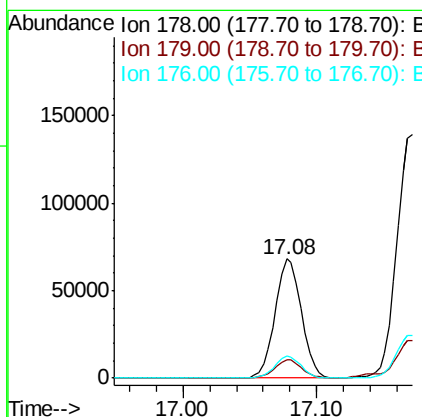
RT: 17.08 min Scan# 4596

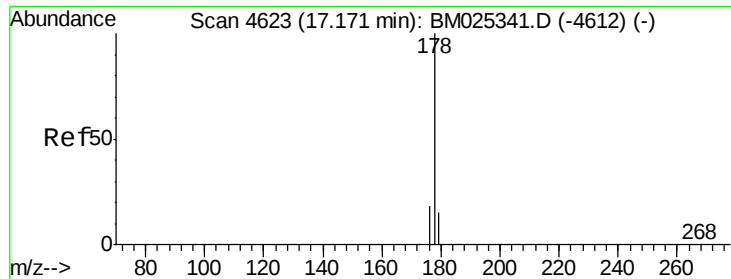
Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Tgt Ion:	178	Resp:	91773
Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.8	16.6	24.8





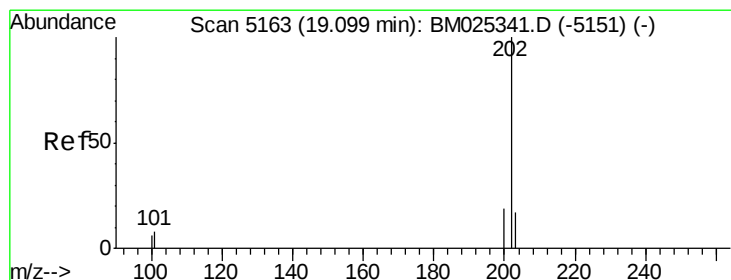
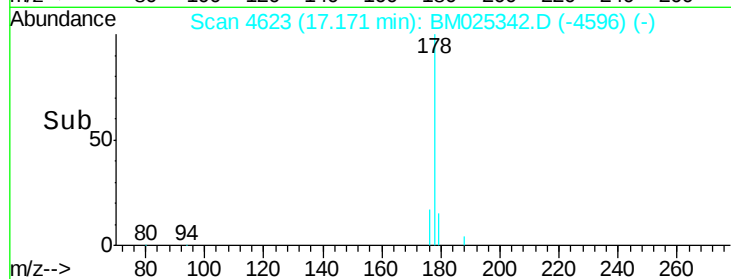
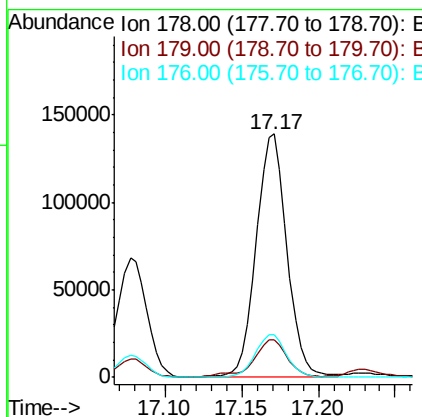
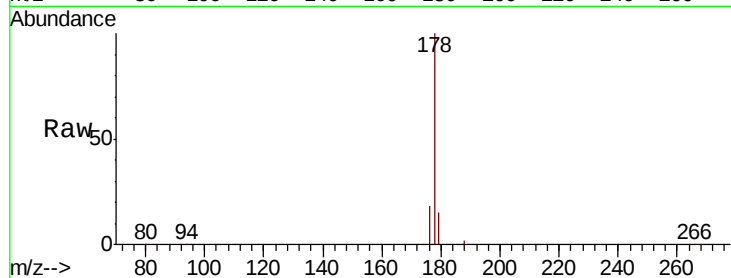
#13
 Anthracene
 Concen: 2.538 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: BM025342.D
 Acq: 07 Mar 2020 10:29

Instrument :
 BNA_M
 ClientSampleId :
 DBDN1

Tot Ion:178	Resp:	192510
Ion Ratio	Lower	Upper
178	100	
179	15.5	14.1 21.1
176	17.7	16.2 24.4

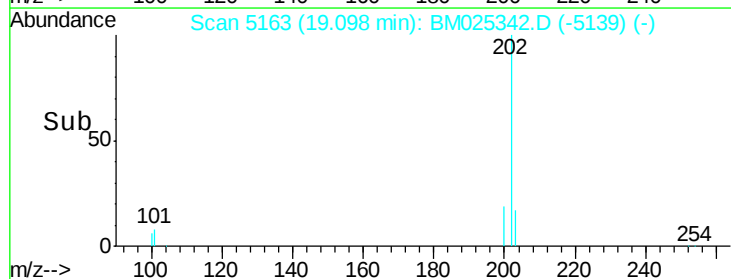
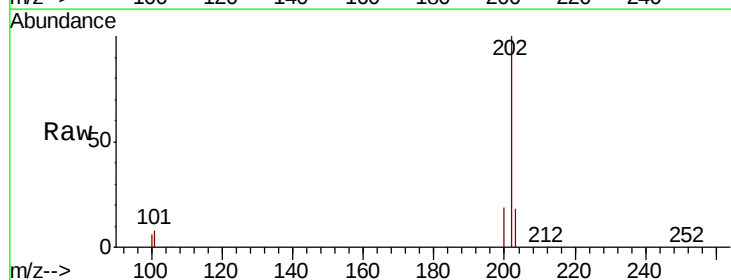
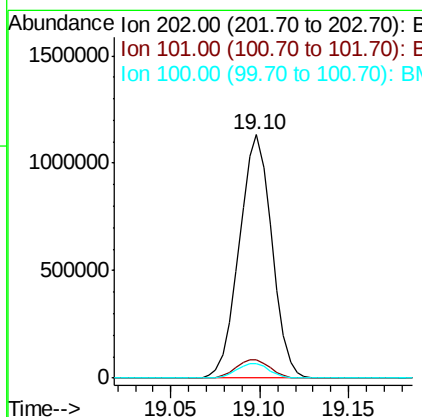
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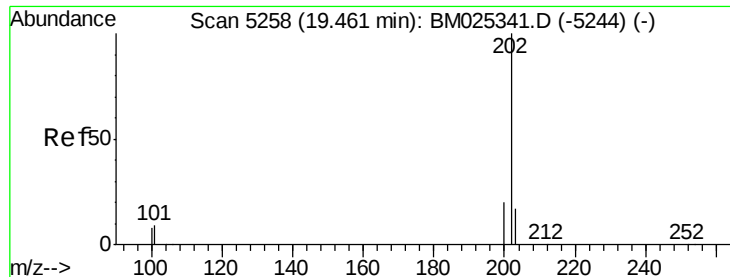
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#15
 Fluoranthene
 Concen: 13.403 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM025342.D
 Acq: 07 Mar 2020 10:29

Tgt Ion:202	Resp:	1433694
Ion Ratio	Lower	Upper
202	100	
101	7.6	0.0 29.4
100	5.8	0.0 28.0





#17

Pvrene

Concen: 21.552 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.00 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

ClientSampleId :

DBDN1

Tot Ion:202 Resp: 2394670

Ion Ratio Lower Upper

202 100

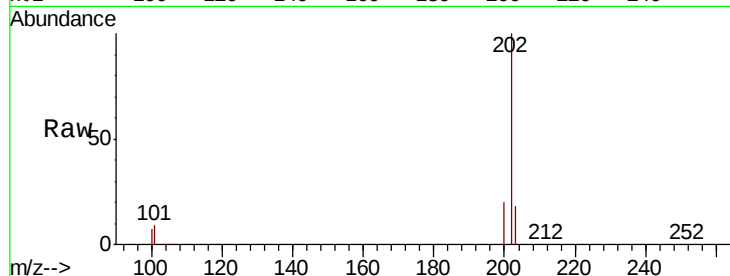
101 8.7 8.7 13.1

100 7.1 7.3 10.9#

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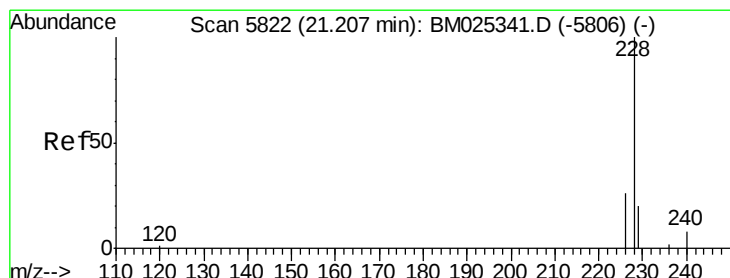
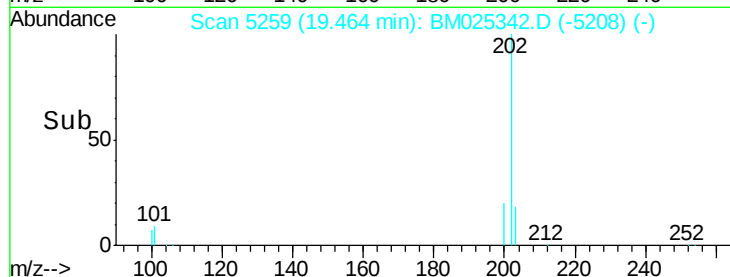
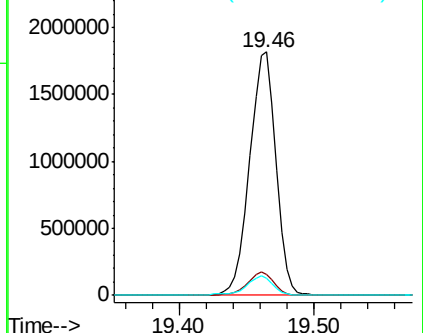
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 10.182 ng/ul

RT: 21.21 min Scan# 5823

Delta R.T. -0.00 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

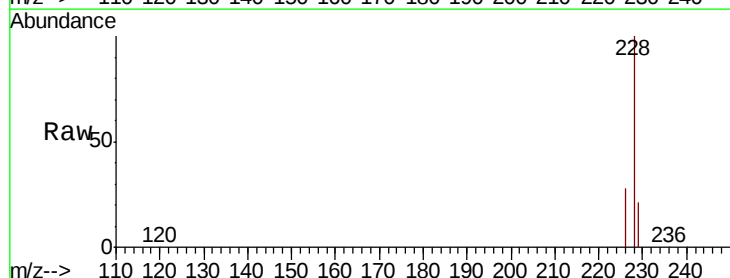
Tgt Ion:228 Resp: 1096433

Ion Ratio Lower Upper

228 100

229 20.7 16.6 25.0

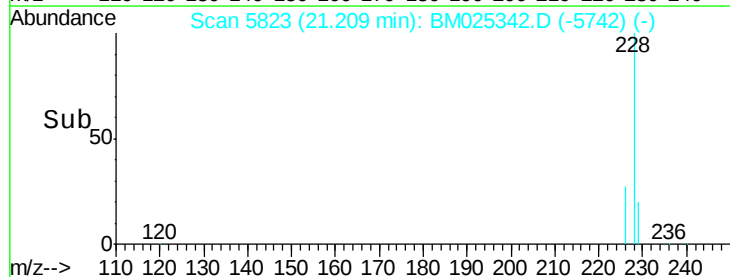
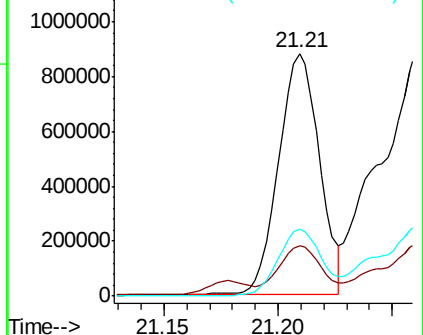
226 27.7 21.9 32.9

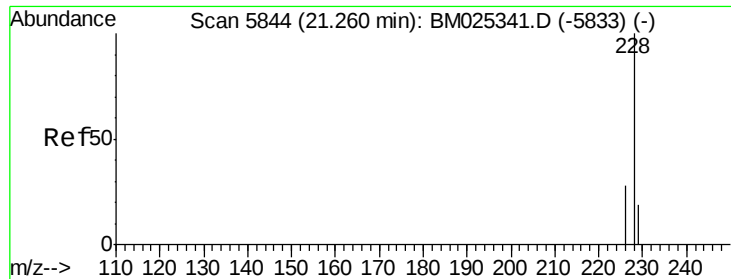


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 13.262 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

ClientSampleId :

DBDN1

Tot Ion:228 Resp: 1569313

Ion Ratio Lower Upper

228 100

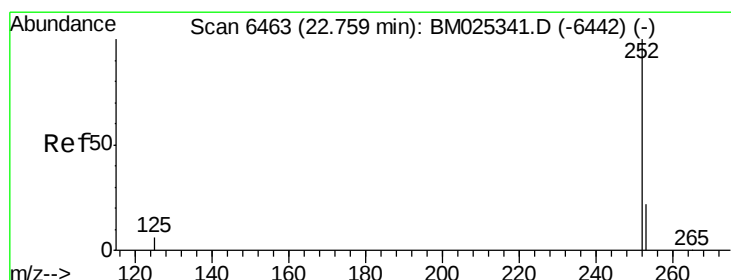
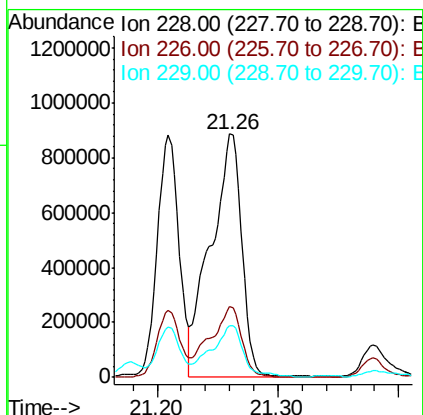
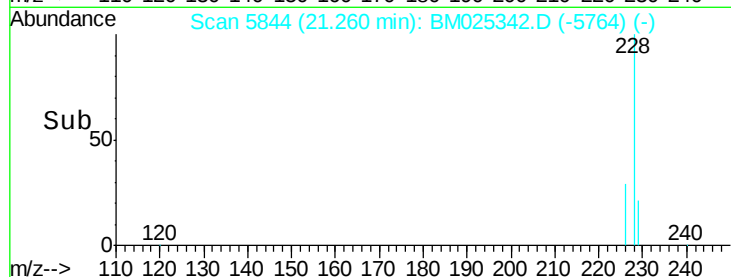
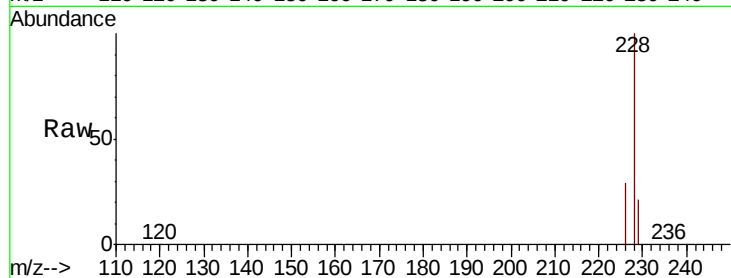
226 29.0 23.8 35.8

229 21.4 16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 19.812 ng/ul m

RT: 22.77 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

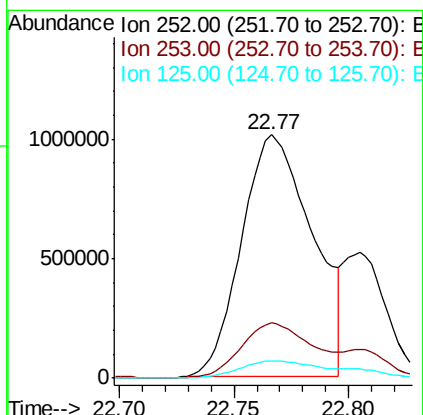
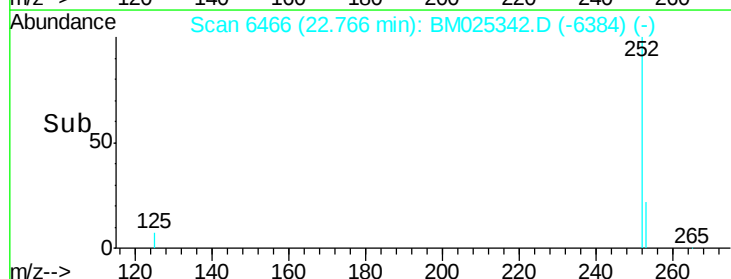
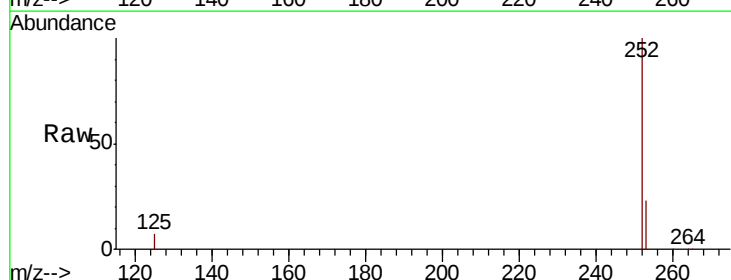
Tgt Ion:252 Resp: 2172994

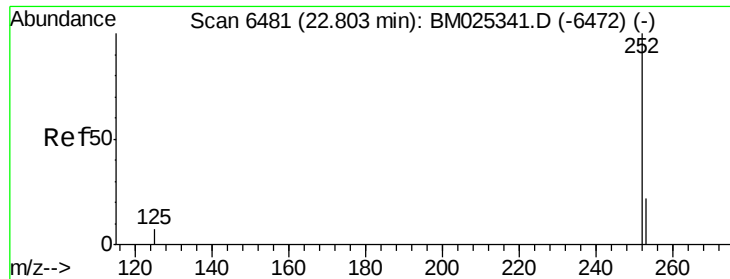
Ion Ratio Lower Upper

252 100

253 22.7 0.0 49.8

125 7.1 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 5.681 ng/ul m

RT: 22.80 min Scan# 6482

Delta R.T. -0.01 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Instrument :

BNA_M

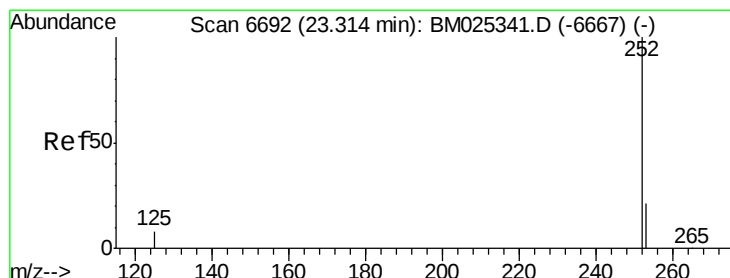
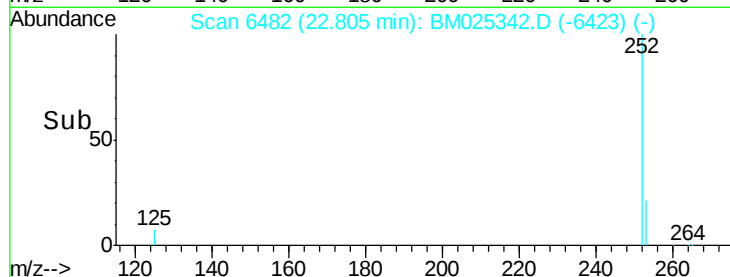
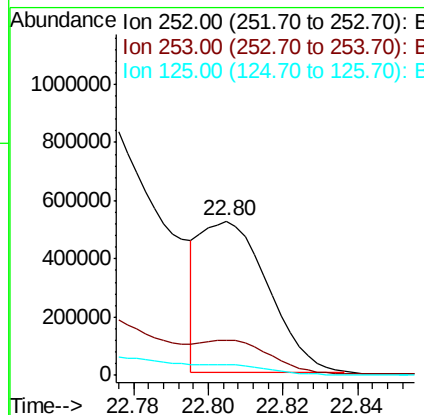
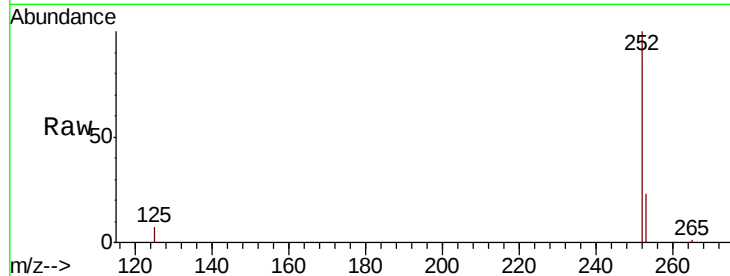
ClientSampled :

DBDN1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	7.2	10.7	16.1

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#23

Benzo(a)pyrene

Concen: 9.283 ng/ul

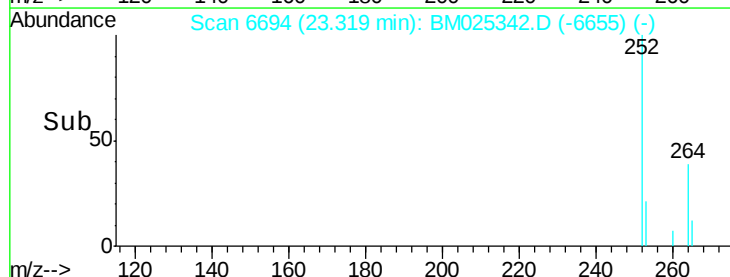
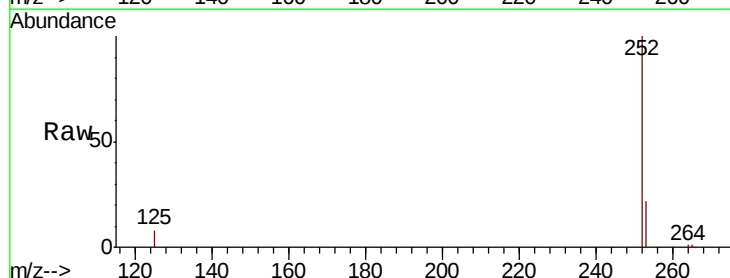
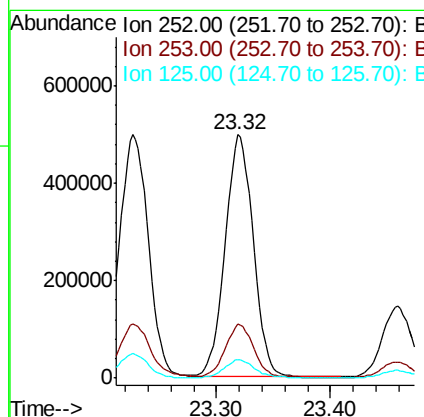
RT: 23.32 min Scan# 6694

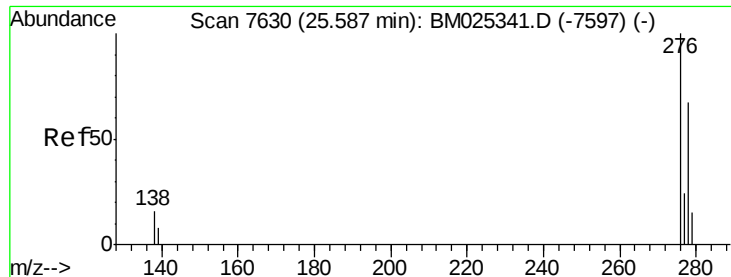
Delta R.T. -0.00 min

Lab File: BM025342.D

Acq: 07 Mar 2020 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	7.6	13.0	19.4





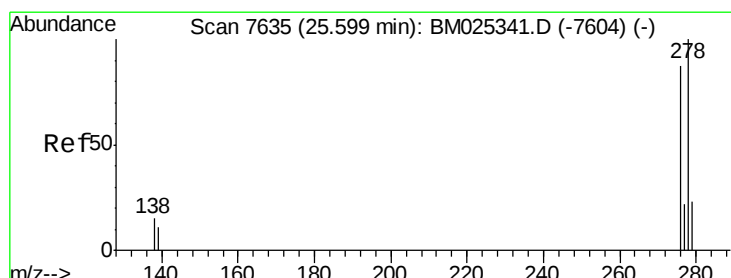
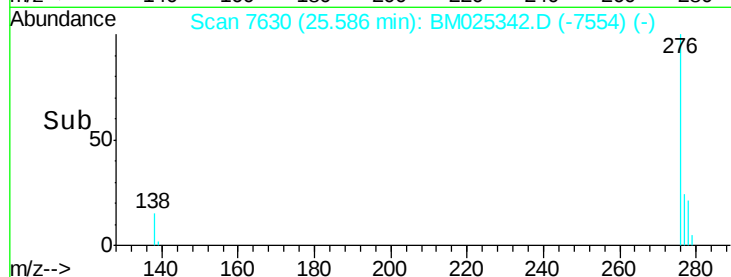
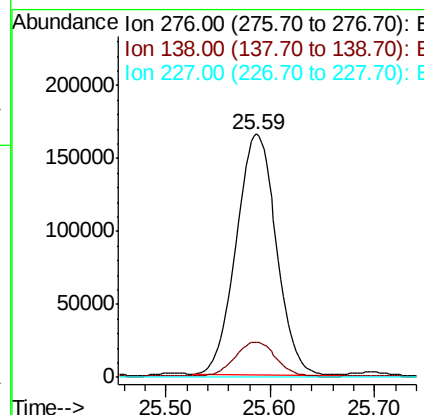
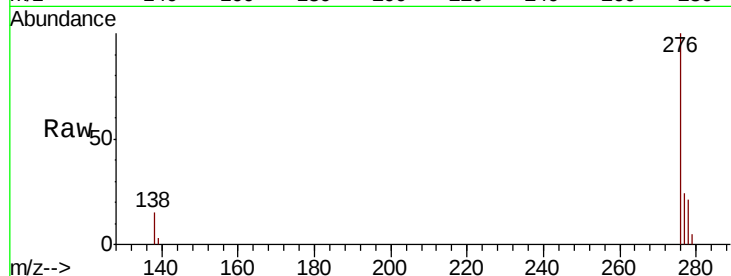
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.860 ng/ul
RT: 25.59 min Scan# 7630
Delta R.T. -0.02 min
Lab File: BM025342.D
Acq: 07 Mar 2020 10:29

Instrument :
BNA_M
ClientSampleId :
DBDN1

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.9	0.0	0.0#
227	0.0	0.0	0.0

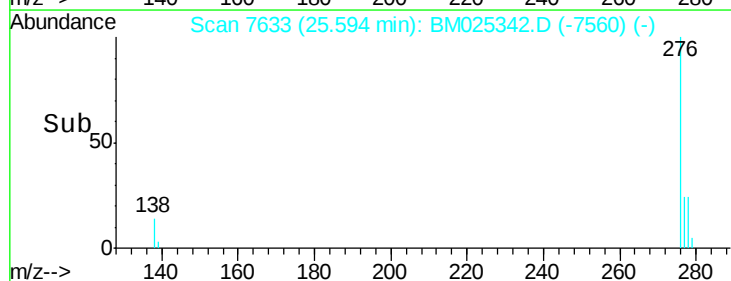
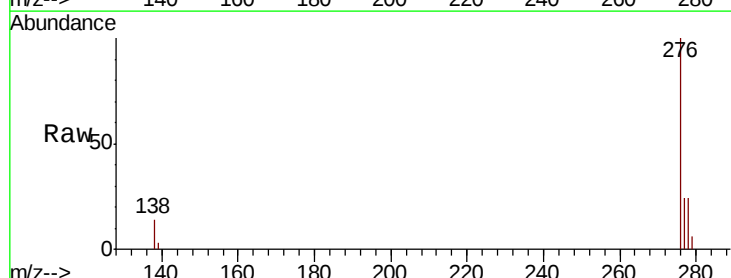
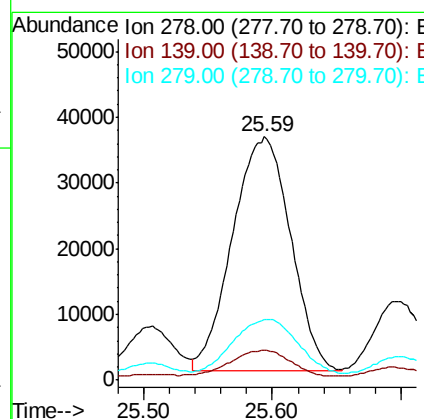
Manual Integrations
APPROVED

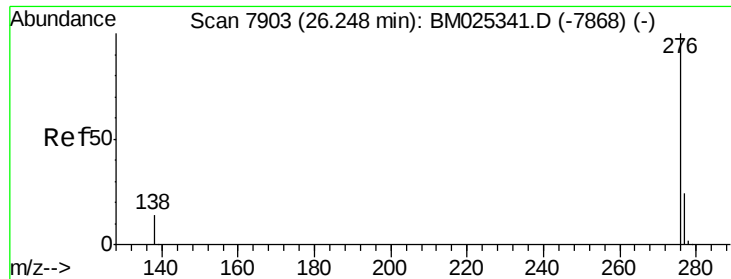
mohammad
3/9/2020 3:01:14 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.179 ng/ul m
RT: 25.59 min Scan# 7633
Delta R.T. -0.02 min
Lab File: BM025342.D
Acq: 07 Mar 2020 10:29

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	12.4	13.2	19.8#
279	24.9	21.0	31.4





#26
 Benzo(a,h,i)perylene
 Concen: 2.632 ng/ul
 RT: 26.25 min Scan# 7903
 Delta R.T. -0.01 min
 Lab File: BM025342.D
 Acq: 07 Mar 2020 10:29

Instrument :
 BNA_M
 ClientSampleId :
 DBDN1

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	17.9	26.9#
277	23.9	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:14 PM

