

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025434.D
 Acq On : 10 Mar 2020 03:54
 Operator : CG/JU
 Sample : L1615-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:00:31 AM

Quant Time: Mar 10 11:41:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3270	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9408	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21025	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17149	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14782	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6050	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	15539	0.27	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.10	142	851	0.030	ng/ul	97
7) Acenaphthylene	14.01	152	2279	0.059	ng/ul#	93
9) Fluorene	15.34	166	4187	0.102	ng/ul	98
12) Phenanthrene	17.07	178	14280	0.214	ng/ul	98
13) Anthracene	17.16	178	360380	6.215	ng/ul	99
15) Fluoranthene	19.09	202	38467	0.533	ng/ul	99
17) Pyrene	19.45	202	65496	0.851	ng/ul	100
18) Benzo(a)anthracene	21.20	228	49654	0.810	ng/ul	97
19) Chrysene	21.25	228	65698	0.954	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	122990m	2.101	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	44738m	0.729	ng/ul	
23) Benzo(a)pyrene	23.31	252	52291	1.076	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.57	276	32974	0.500	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	8936	0.161	ng/ul	95
26) Benzo(g,h,i)perylene	26.24	276	22474	0.393	ng/ul	98

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

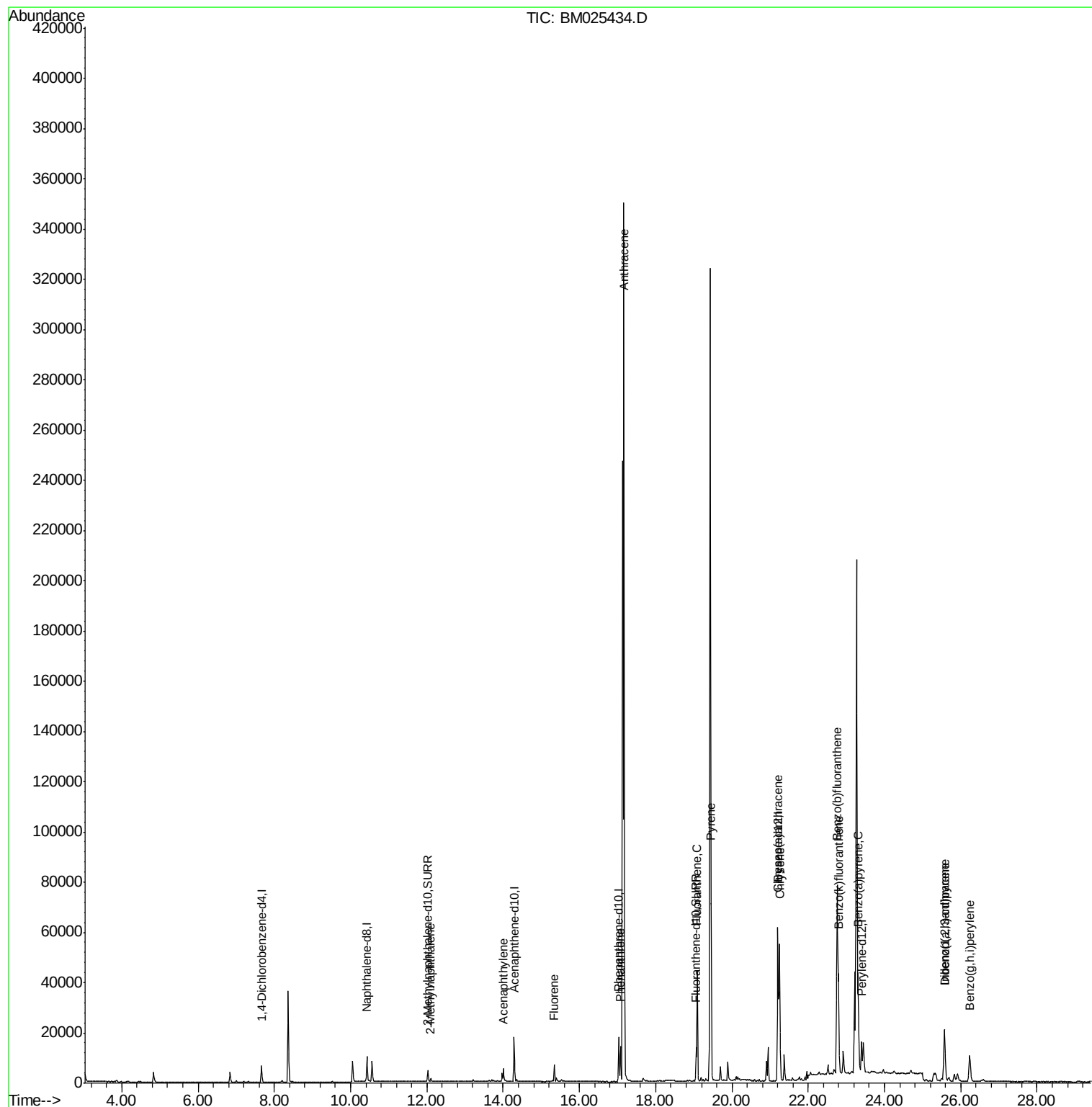
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025434.D
Acq On : 10 Mar 2020 03:54
Operator : CG/JU
Sample : L1615-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

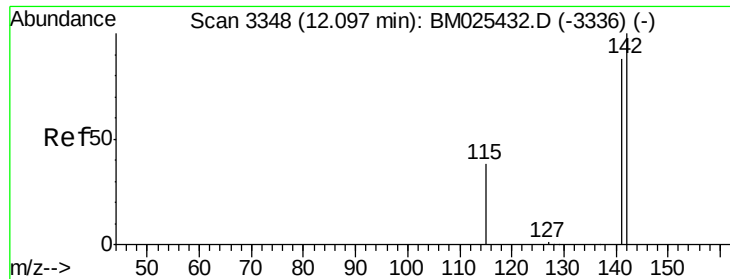
Instrument :
BNA_M
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Quant Time: Mar 10 11:41:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

Instrument :

BNA_M

ClientSampleId :

DBDN7

Tot Ion:142 Resp: 851

Ion Ratio Lower Upper

142 100

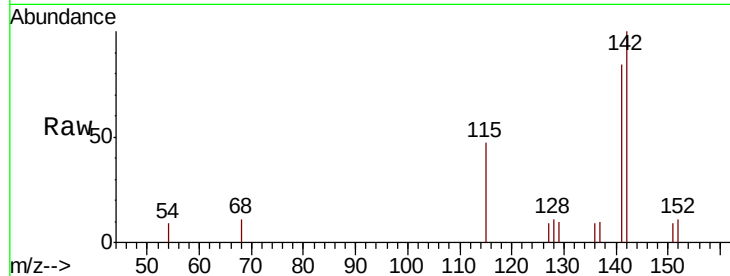
141 89.9 69.8 104.6

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.10

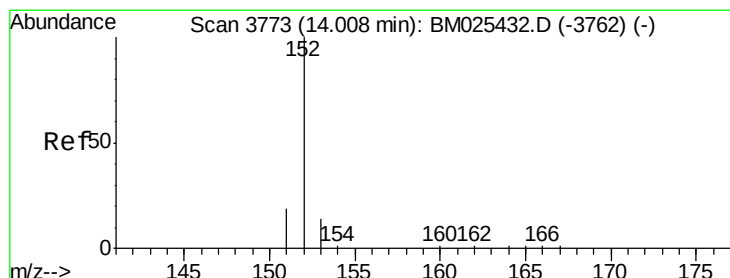
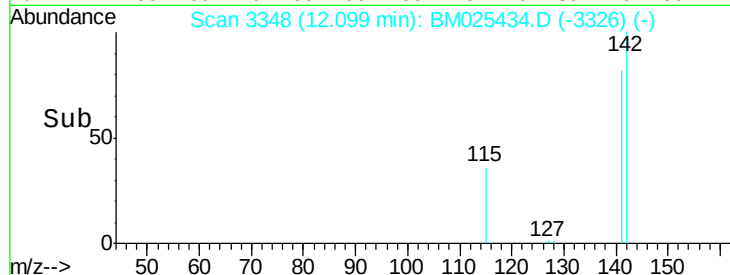
600

400

200

0

Time--> 12.00 12.10 12.20



#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

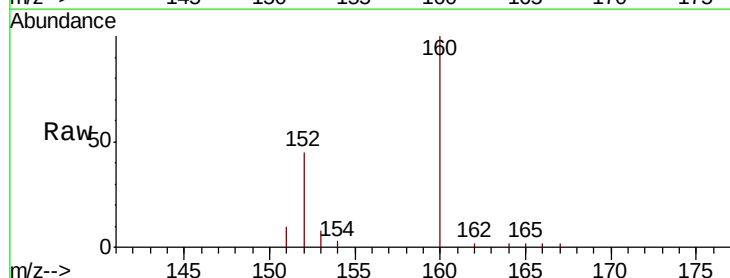
Tgt Ion:152 Resp: 2279

Ion Ratio Lower Upper

152 100

151 22.4 16.2 24.2

153 17.6 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.01

2000

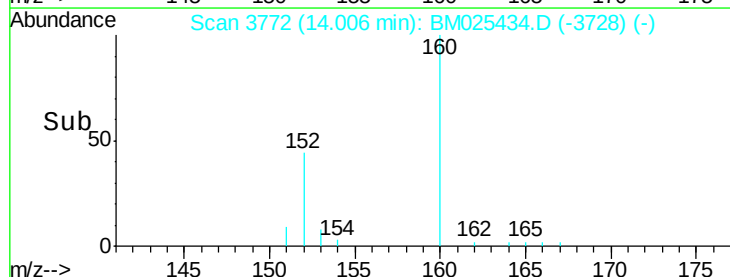
1500

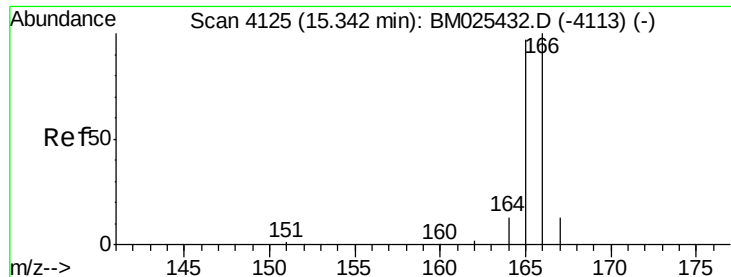
1000

500

0

Time--> 13.90 14.00 14.10





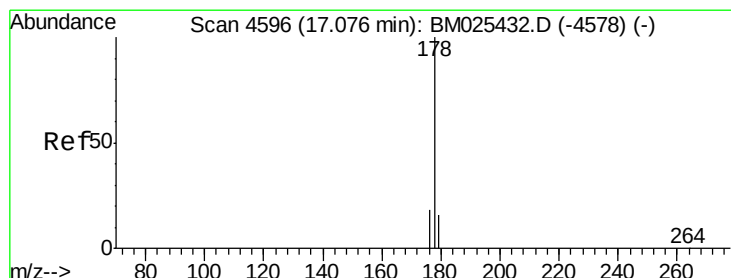
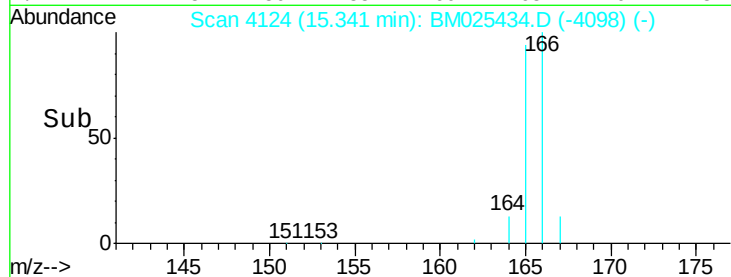
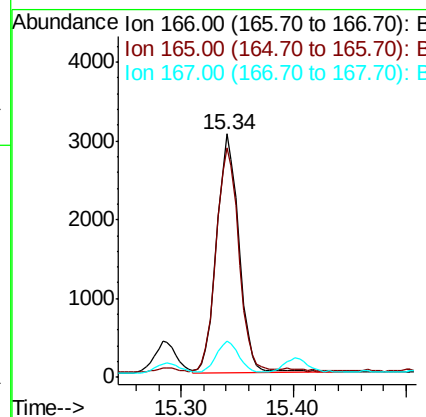
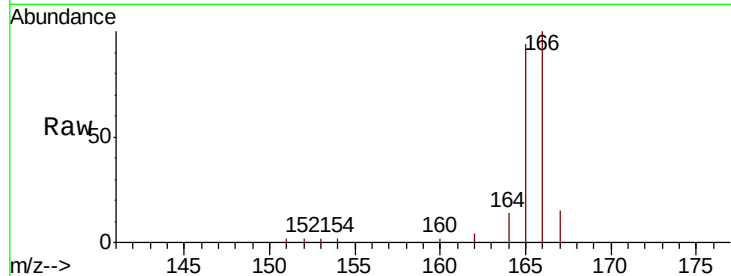
#9
Fluorene
 Concen: 0.102 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.8	115.2
167	15.0	11.2	16.8

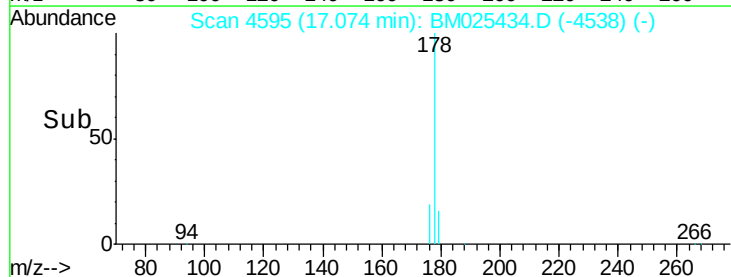
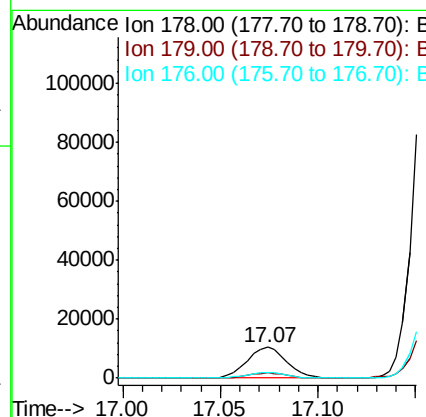
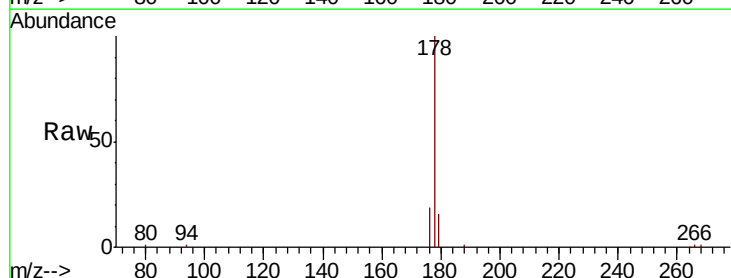
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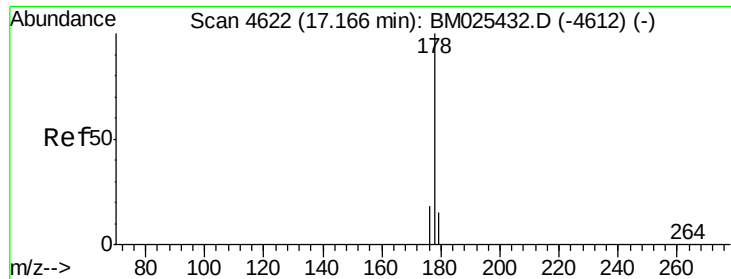
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#12
Phenanthrene
 Concen: 0.214 ng/ul
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.00 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.1	14.8	22.2





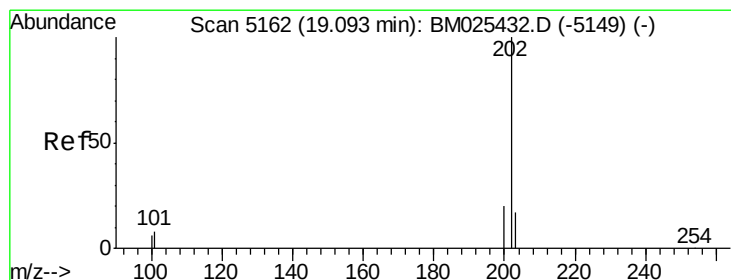
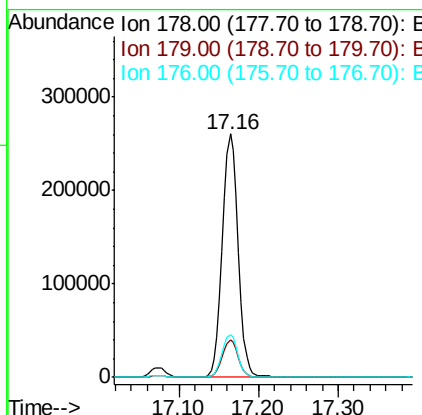
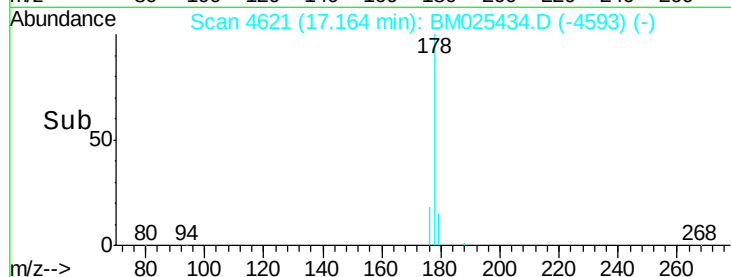
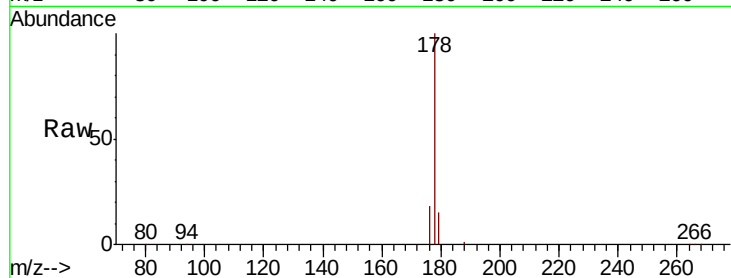
#13
 Anthracene
 Concen: 6.215 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.7	14.5	21.7

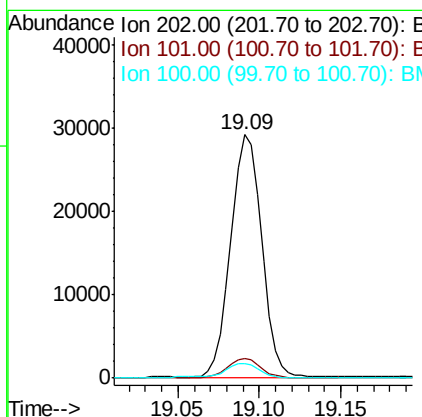
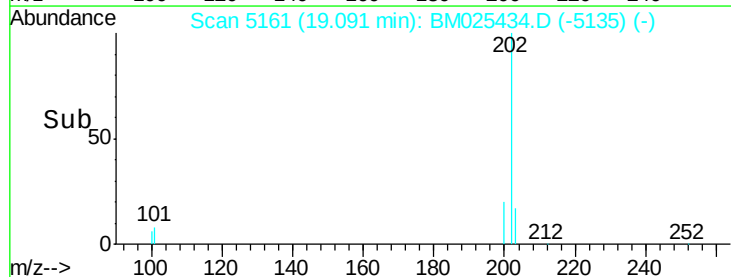
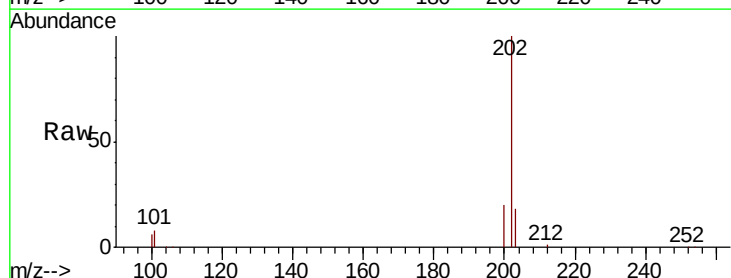
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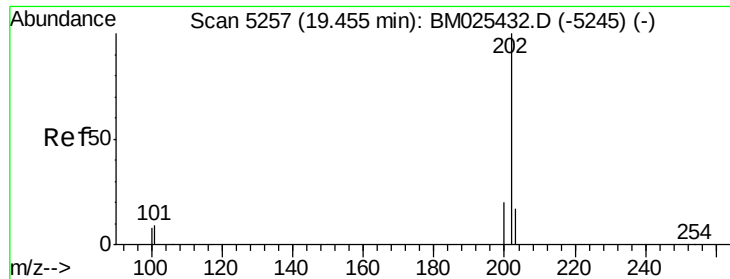
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#15
 Fluoranthene
 Concen: 0.533 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.5
100	6.2	0.0	26.0





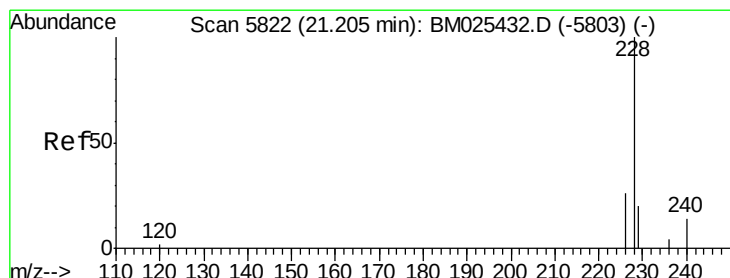
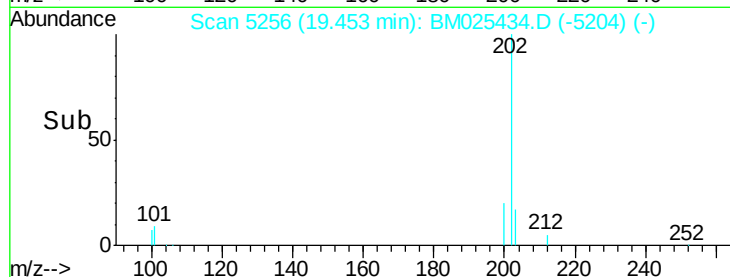
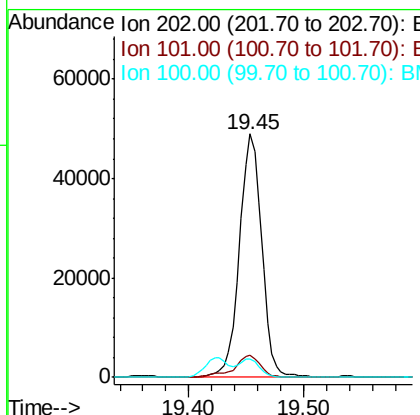
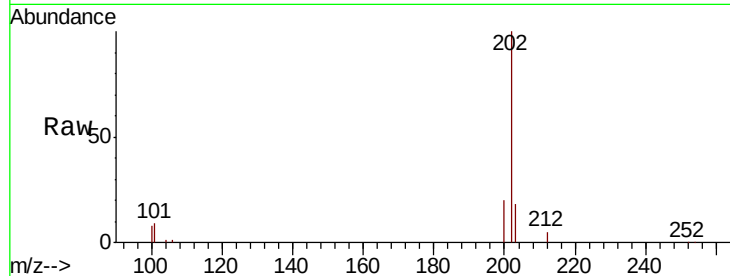
#17
Pvrene
Concen: 0.851 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025434.D
Acq: 10 Mar 2020 03:54

Instrument :
BNA_M
ClientSampleId :
DBDN7

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	7.1	10.7
100	7.5	6.0	9.0

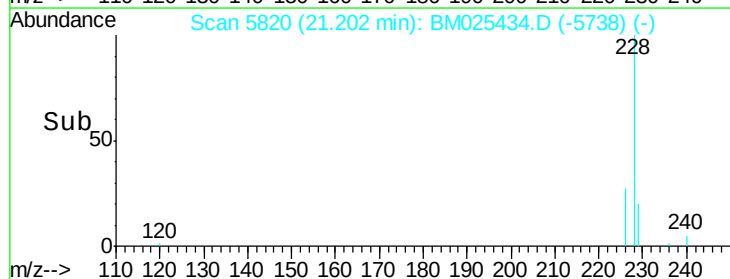
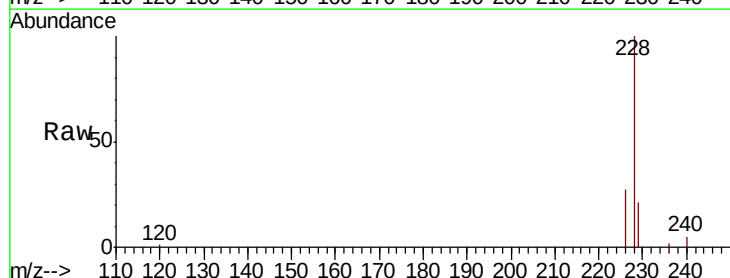
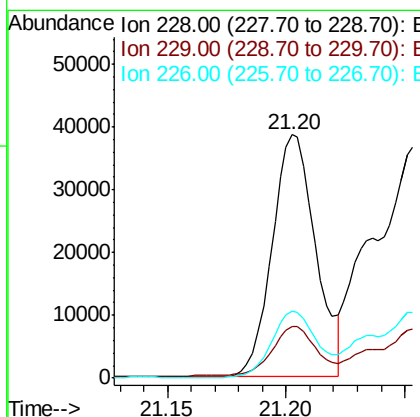
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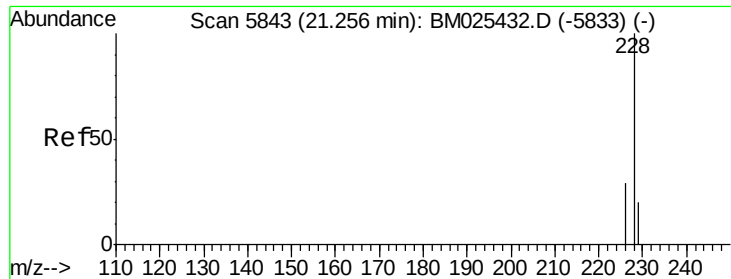
mohammad
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#18
Benzo(a)anthracene
Concen: 0.810 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025434.D
Acq: 10 Mar 2020 03:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.6	23.4
226	27.5	21.1	31.7





#19

Chrysene

Concen: 0.954 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.00 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

Instrument :

BNA_M

ClientSampled :

DBDN7

Tot Ion:228 Resp: 65698

Ion Ratio Lower Upper

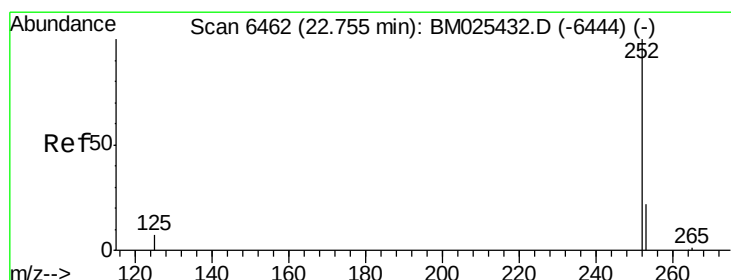
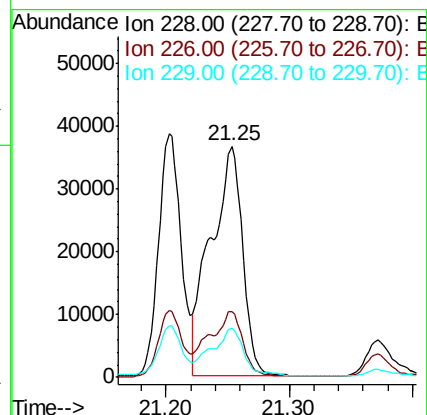
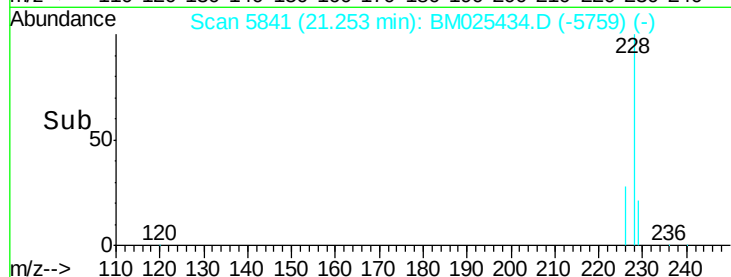
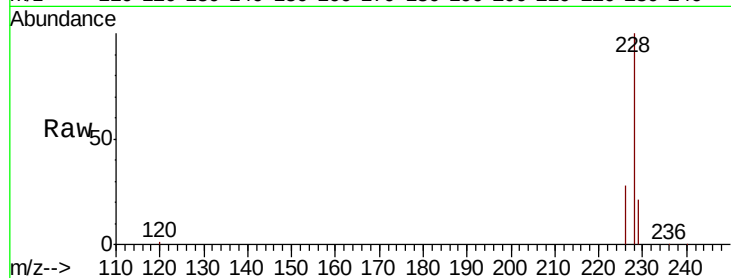
228 100

226 28.4 23.6 35.4

229 21.0 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 2.101 ng/ul m

RT: 22.75 min Scan# 6461

Delta R.T. -0.00 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

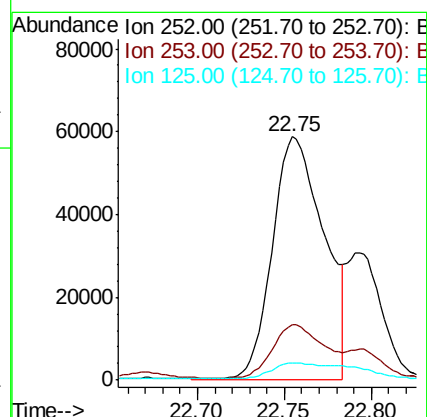
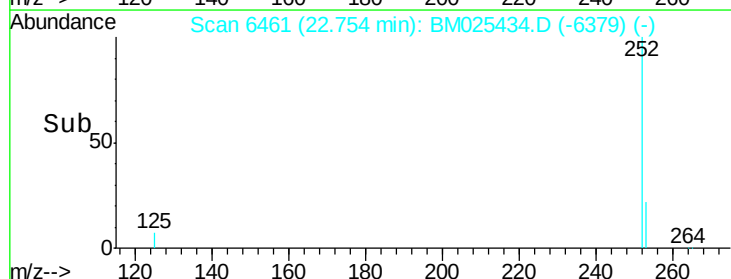
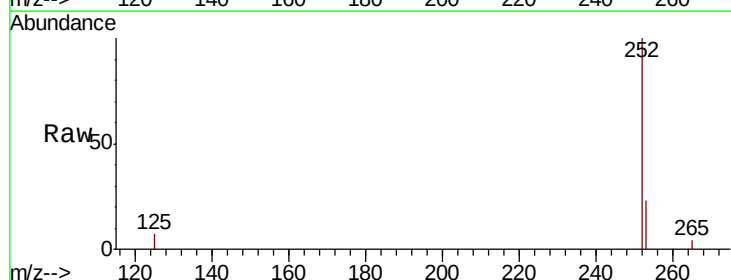
Tgt Ion:252 Resp: 122990

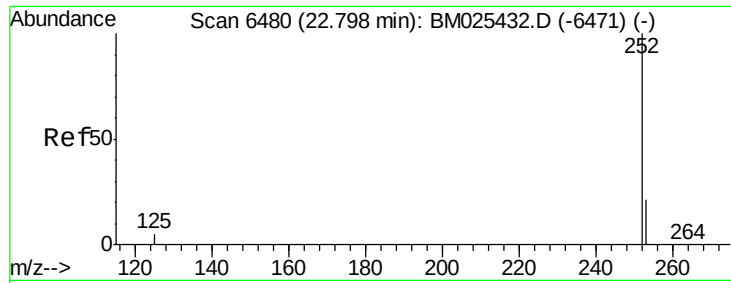
Ion Ratio Lower Upper

252 100

253 22.6 0.0 50.2

125 7.2 0.0 17.6





#22

Benzo(k)fluoranthene

Concen: 0.729 ng/ul m

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

Instrument :

BNA_M

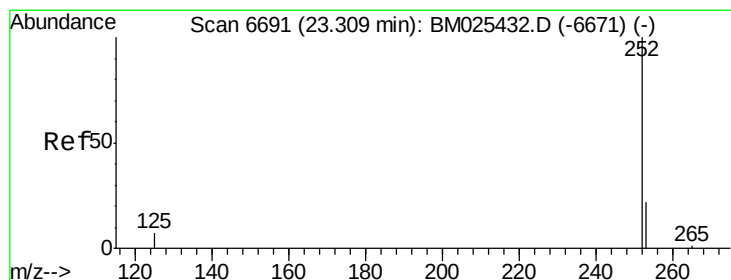
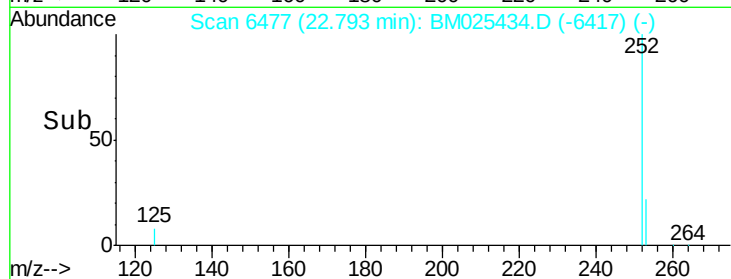
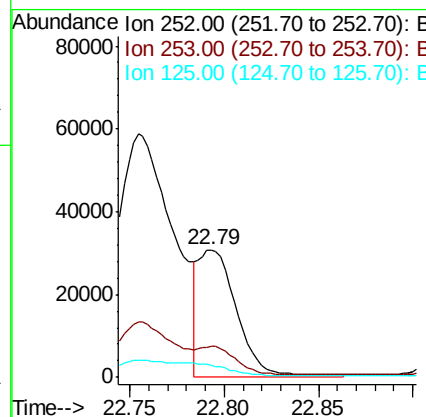
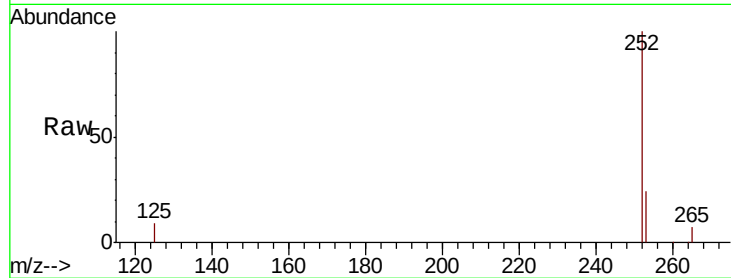
ClientSampleId :

DBDN7

Tot Ion:	252	Resp:	44738
Ion Ratio	Lower	Upper	
252	100		
253	24.2	19.8	29.8
125	9.4	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 1.076 ng/ul

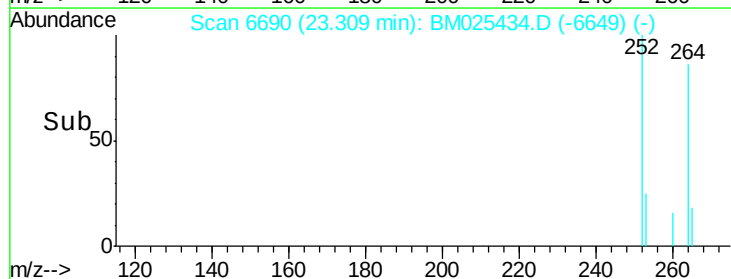
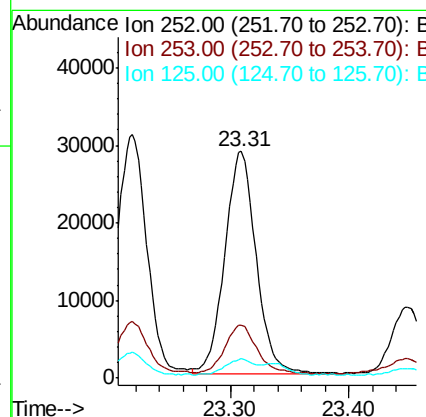
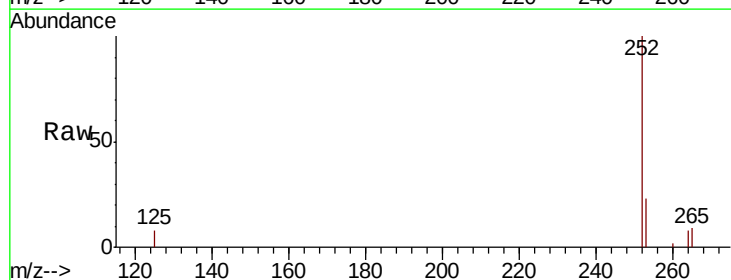
RT: 23.31 min Scan# 6690

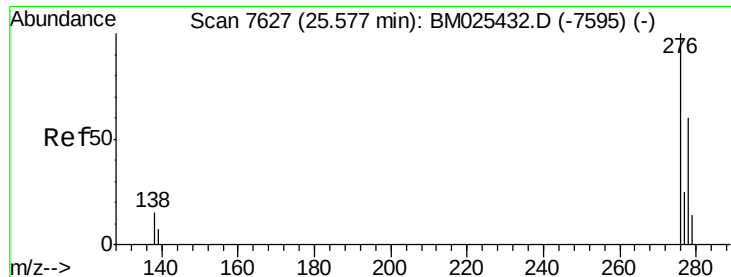
Delta R.T. -0.00 min

Lab File: BM025434.D

Acq: 10 Mar 2020 03:54

Tgt Ion:	252	Resp:	52291
Ion Ratio	Lower	Upper	
252	100		
253	23.2	21.3	31.9
125	8.5	8.5	12.7





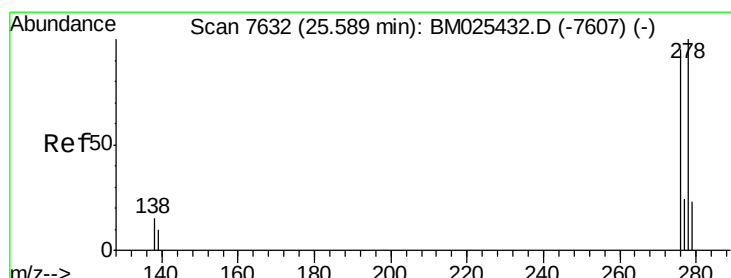
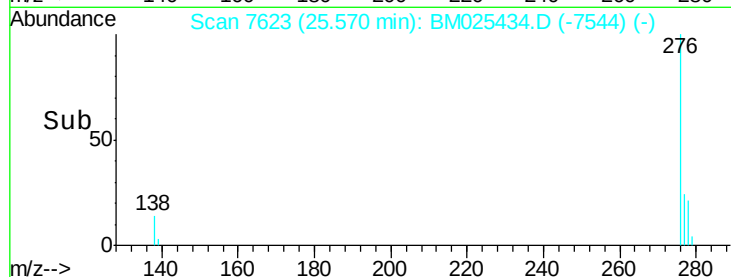
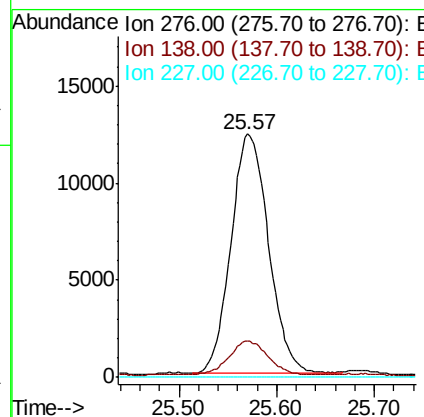
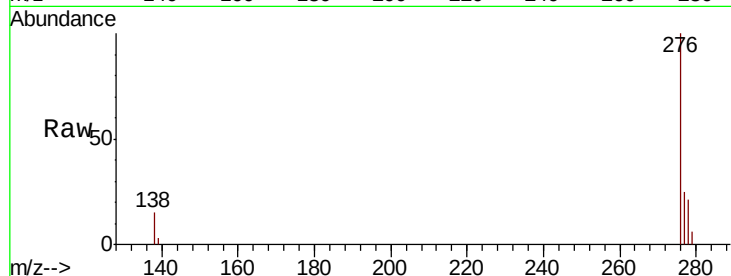
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.500 ng/ul
 RT: 25.57 min Scan# 7623
 Delta R.T. -0.01 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.3	18.5
227	0.0	0.0	0.0

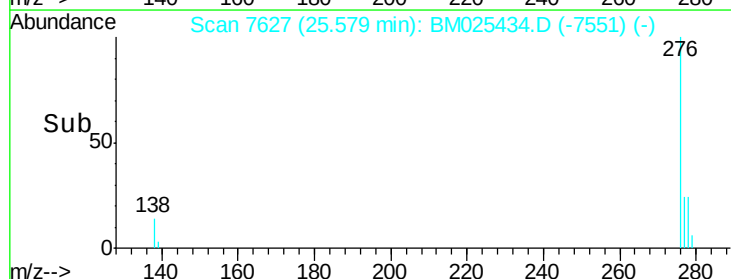
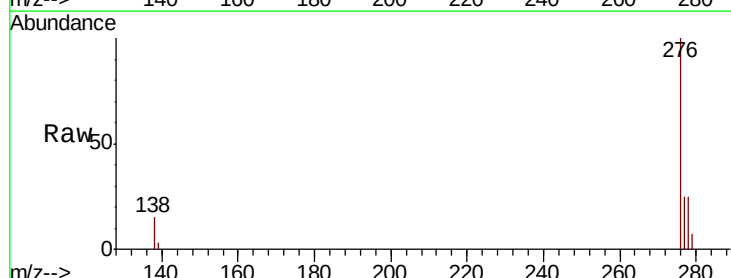
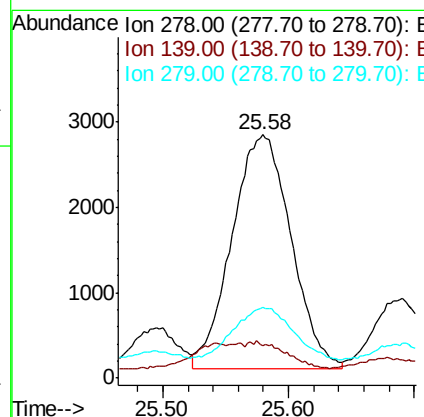
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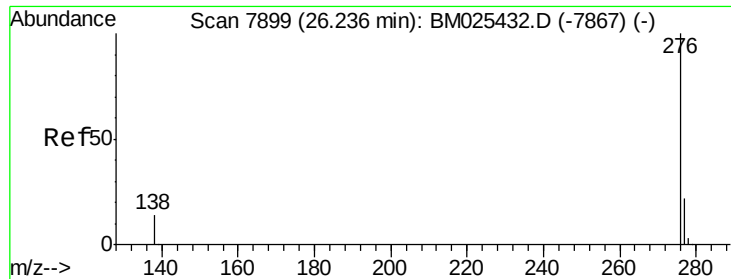
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.161 ng/ul
 RT: 25.58 min Scan# 7627
 Delta R.T. -0.01 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.0	13.6
279	28.9	21.1	31.7





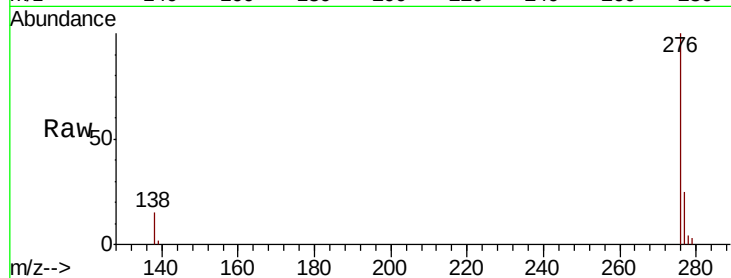
#26
 Benzo(a,h,i)perylene
 Concen: 0.393 ng/ul
 RT: 26.24 min Scan# 7898
 Delta R.T. -0.00 min
 Lab File: BM025434.D
 Acq: 10 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	11.0	16.4
277	25.0	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:00:31 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

