

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025440.D
 Acq On : 10 Mar 2020 07:30
 Operator : CG/JU
 Sample : L1612-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM3

Manual Integrations
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mohammad
 3/11/2020 8:00:53 AM

Quant Time: Mar 10 11:52:54 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	7.66	152	3383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14598	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19892	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14226	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	14166	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7079	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	15059	0.28	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	2783	0.064	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	2720	0.088	ng/ul	99
7) Acenaphthylene	14.01	152	7347	0.185	ng/ul	98
8) Acenaphthene	14.35	153	1141	0.033	ng/ul	98
9) Fluorene	15.34	166	3369	0.079	ng/ul	99
12) Phenanthrene	17.07	178	20149	0.320	ng/ul	99
13) Anthracene	17.16	178	45941	0.837	ng/ul	99
15) Fluoranthene	19.09	202	26423	0.387	ng/ul	97
17) Pyrene	19.45	202	56452	0.884	ng/ul	98
18) Benzo(a)anthracene	21.20	228	31513	0.620	ng/ul	96
19) Chrysene	21.26	228	26177	0.458	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	145704m	2.597	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	49570m	0.843	ng/ul	
23) Benzo(a)pyrene	23.31	252	40222	0.863	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.58	276	46816	0.741	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	12924	0.243	ng/ul#	96
26) Benzo(a,h,i)perylene	26.24	276	25049	0.457	ng/ul	98

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

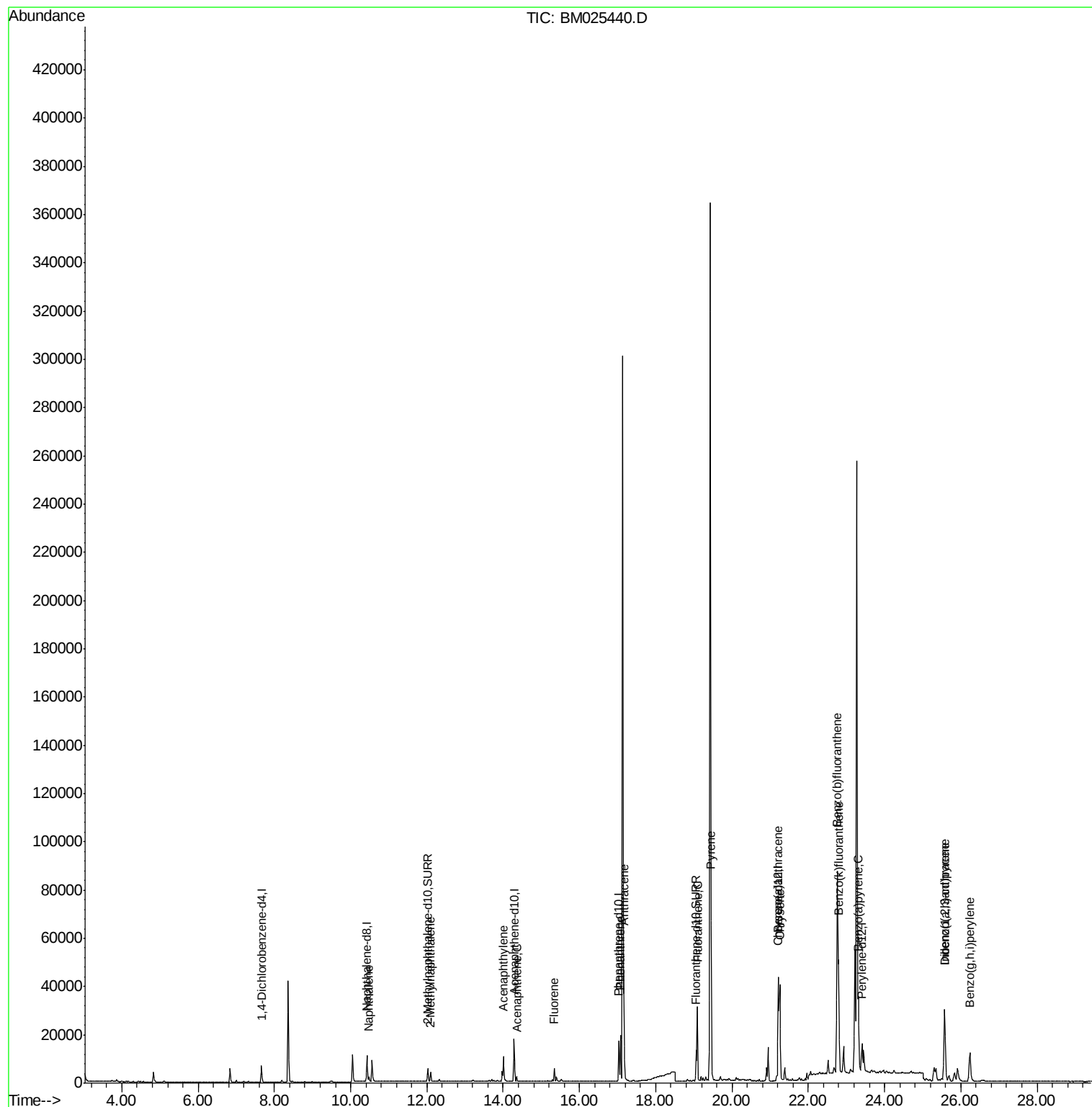
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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ALS Vial : 34 Sample Multiplier: 1

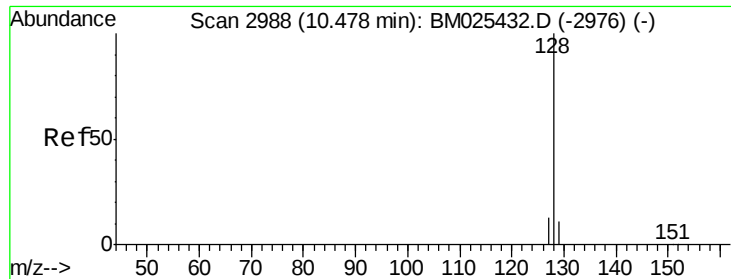
Instrument :
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Quant Time: Mar 10 11:52:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Instrument :

BNA_M

ClientSampleId :

DBDM3

Tot Ion:128 Resp: 2783

Ion Ratio Lower Upper

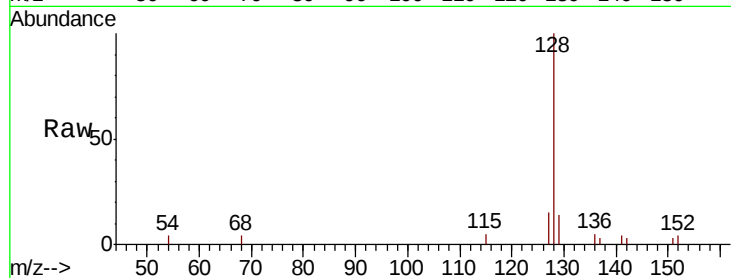
128 100

129 14.0 9.4 14.0#

127 15.4 10.9 16.3

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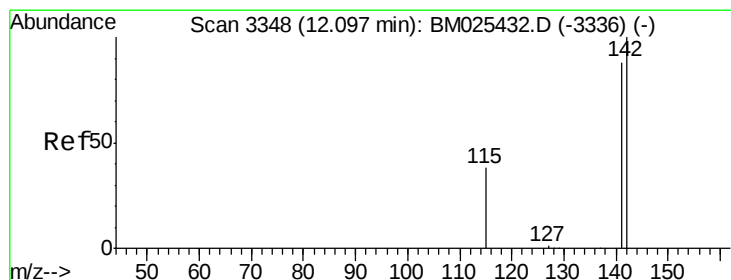
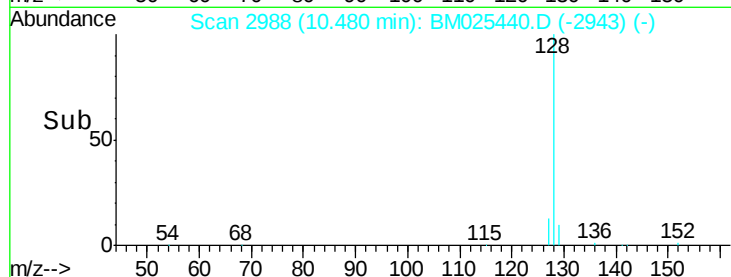
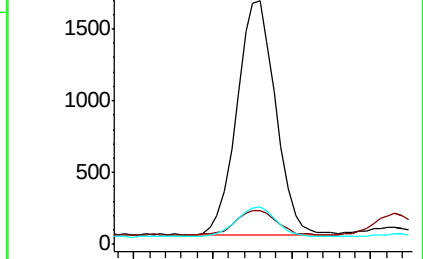
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.088 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025440.D

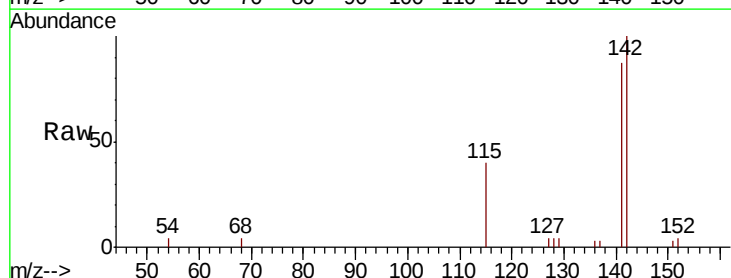
Acq: 10 Mar 2020 07:30

Tgt Ion:142 Resp: 2720

Ion Ratio Lower Upper

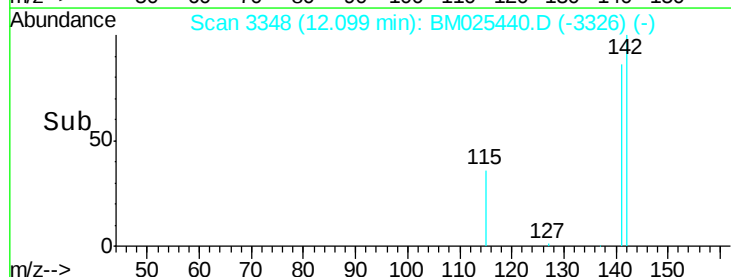
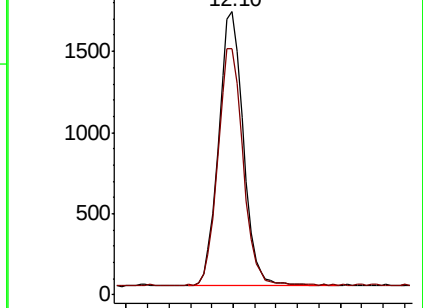
142 100

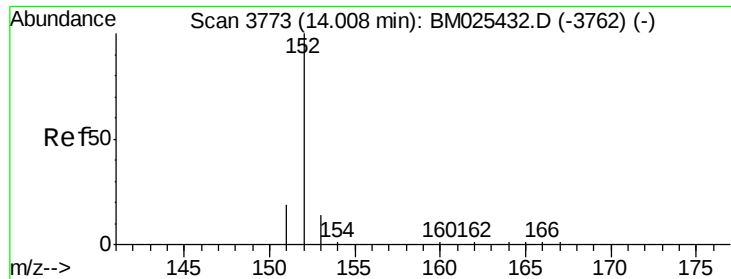
141 88.4 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.185 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Instrument :

BNA_M

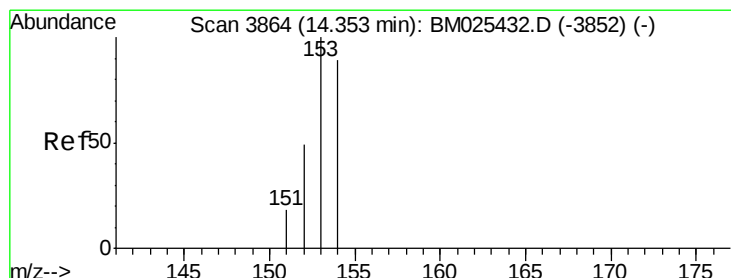
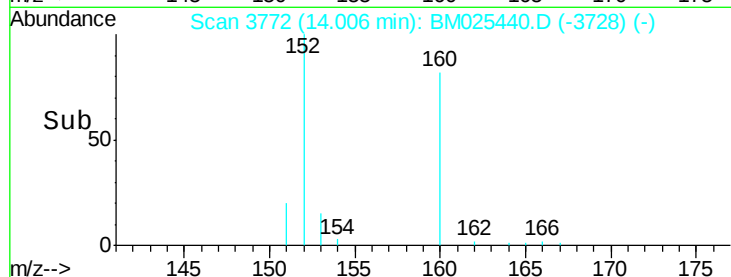
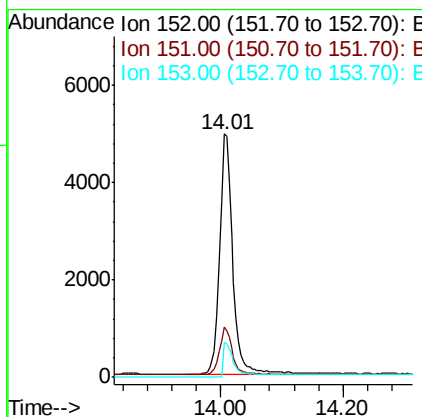
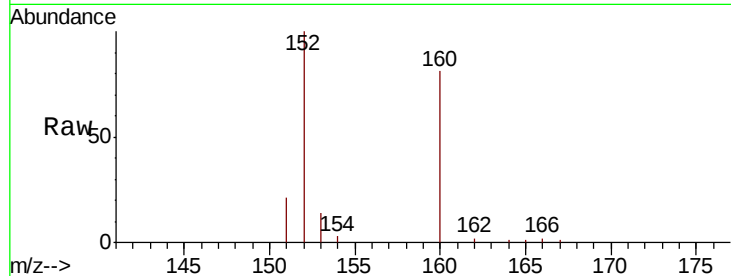
ClientSampleId :

DBDM3

Tot Ion:	152	Resp:	7347
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	14.5	10.6	16.0

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#8

Acenaphthene

Concen: 0.033 ng/ul

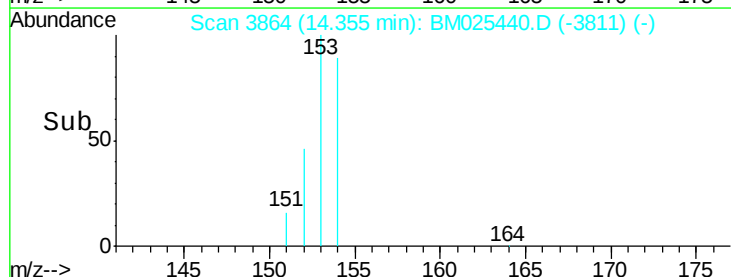
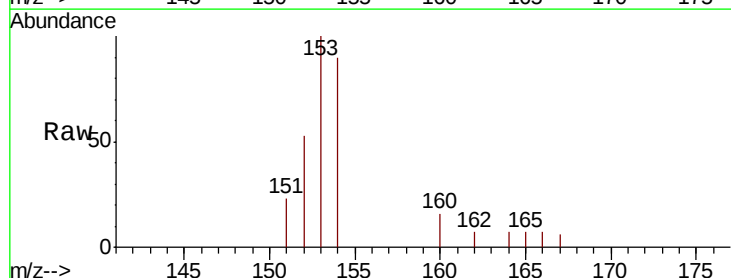
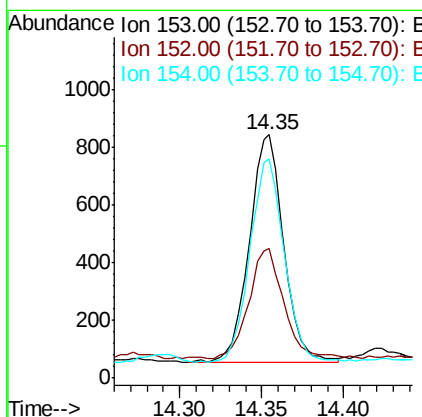
RT: 14.35 min Scan# 3864

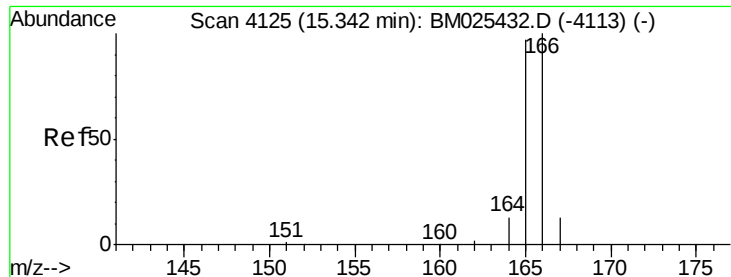
Delta R.T. 0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Tgt Ion:	153	Resp:	1141
Ion	Ratio	Lower	Upper
153	100		
152	53.3	39.5	59.3
154	89.9	71.7	107.5





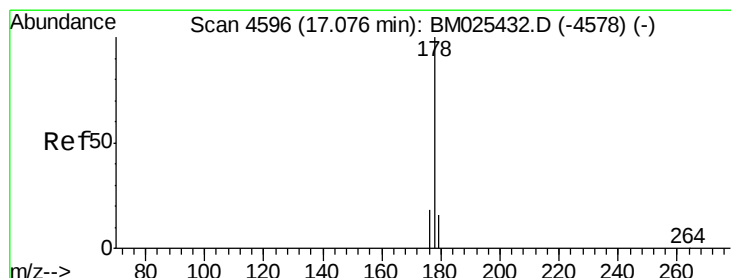
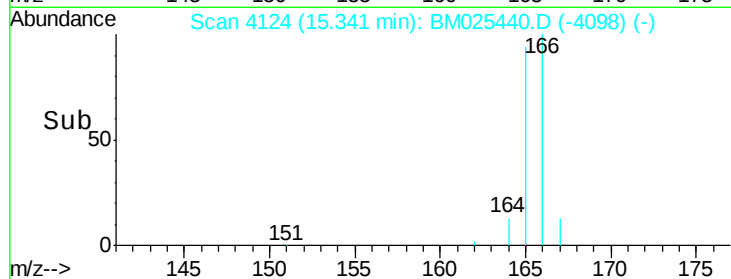
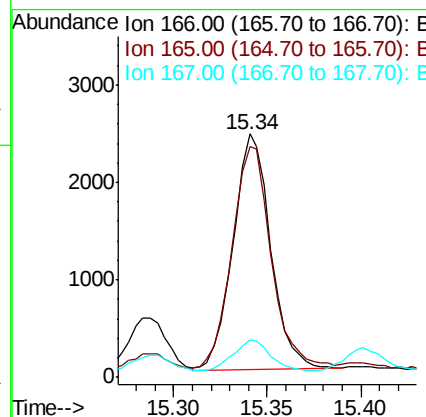
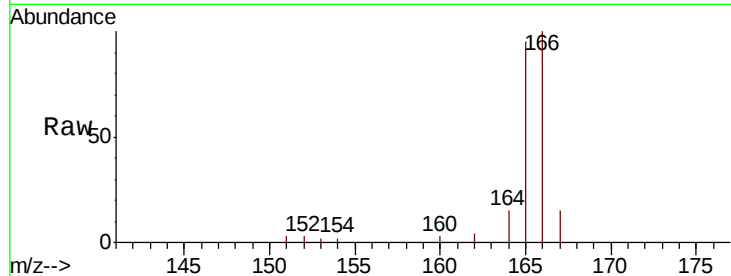
#9
Fluorene
 Concen: 0.079 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BM025440.D
 Acq: 10 Mar 2020 07:30

Instrument :
 BNA_M
 ClientSampleId :
 DBDM3

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.8	115.2
167	15.5	11.2	16.8

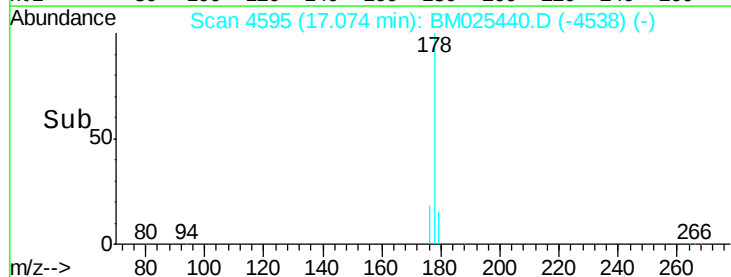
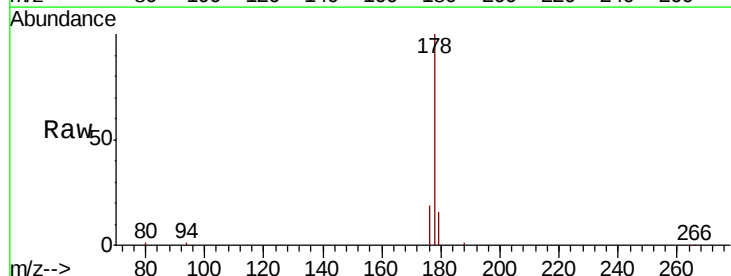
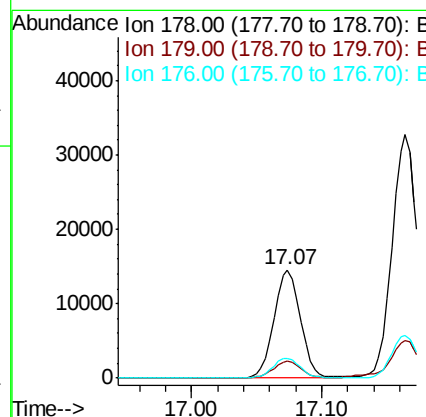
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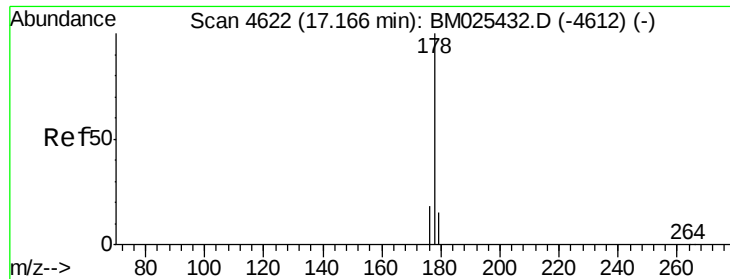
mohammad
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#12
Phenanthrene
 Concen: 0.320 ng/ul
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.00 min
 Lab File: BM025440.D
 Acq: 10 Mar 2020 07:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	18.7	14.8	22.2





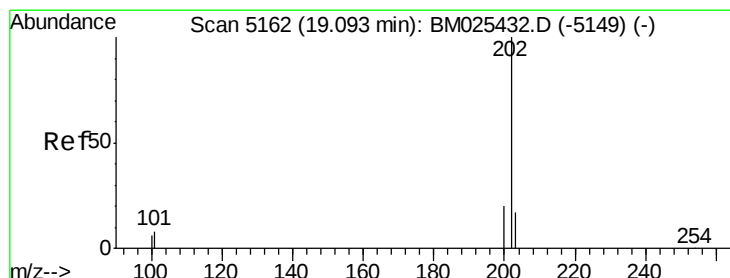
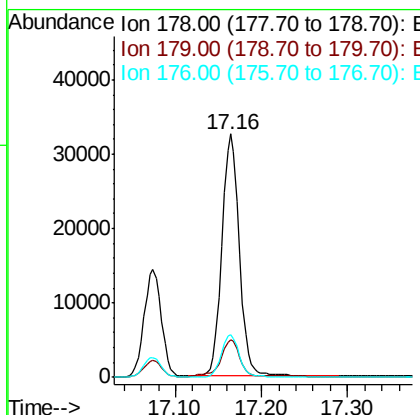
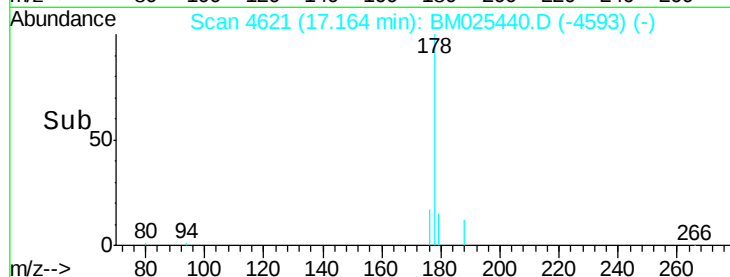
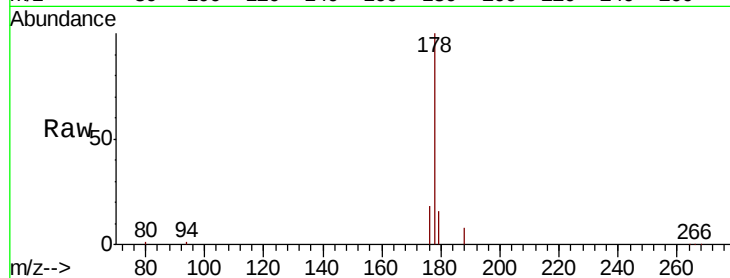
#13
 Anthracene
 Concen: 0.837 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025440.D
 Acq: 10 Mar 2020 07:30

Instrument :
 BNA_M
 ClientSampleId :
 DBDM3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.7	14.5	21.7

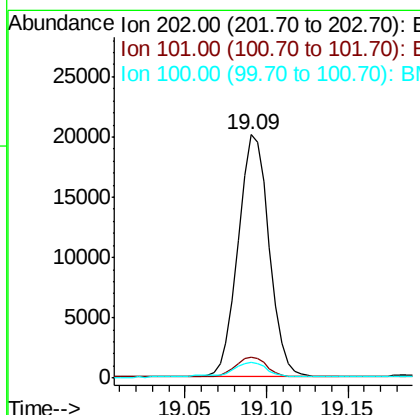
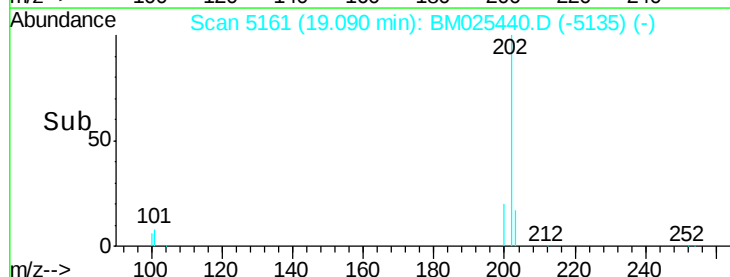
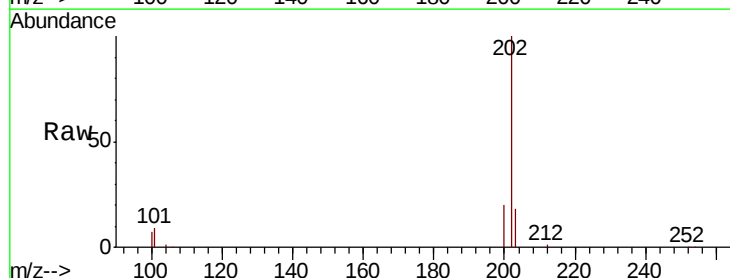
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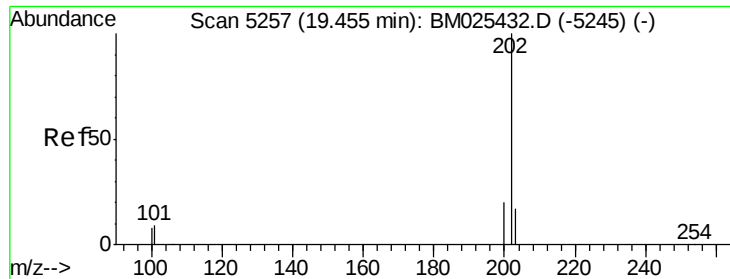
mohammad
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#15
 Fluoranthene
 Concen: 0.387 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025440.D
 Acq: 10 Mar 2020 07:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	27.5
100	6.7	0.0	26.0





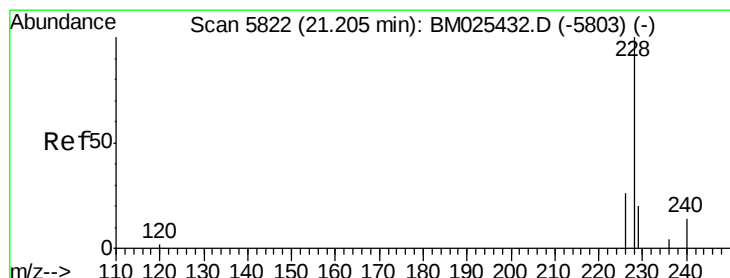
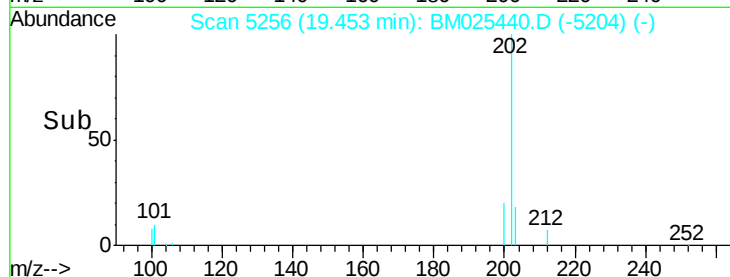
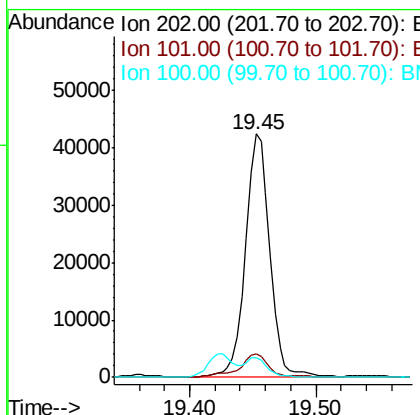
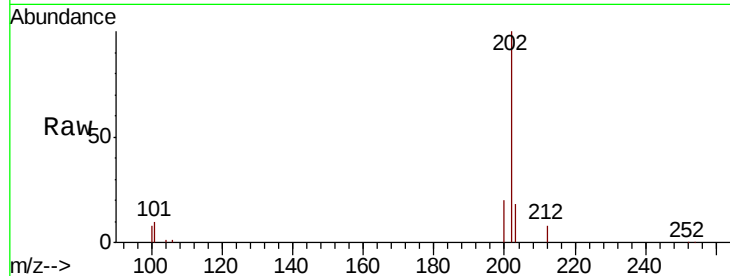
#17
Pvrene
Concen: 0.884 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025440.D
Acq: 10 Mar 2020 07:30

Instrument :
BNA_M
ClientSampleId :
DBDM3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	7.1	10.7
100	7.9	6.0	9.0

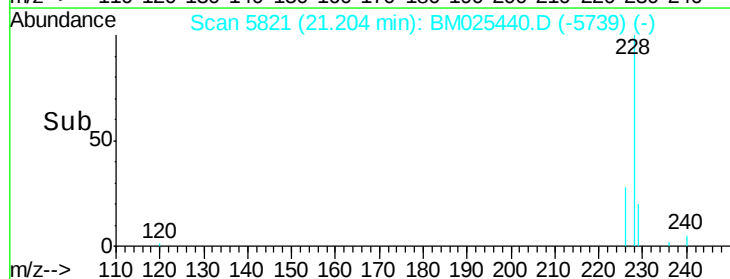
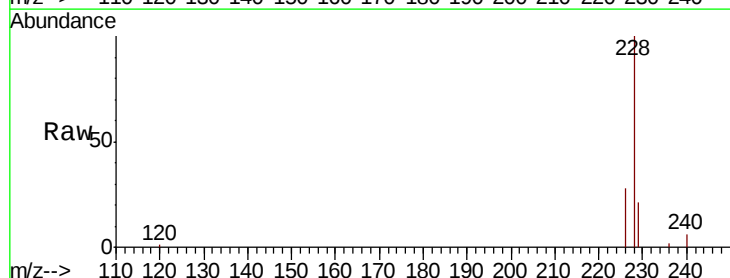
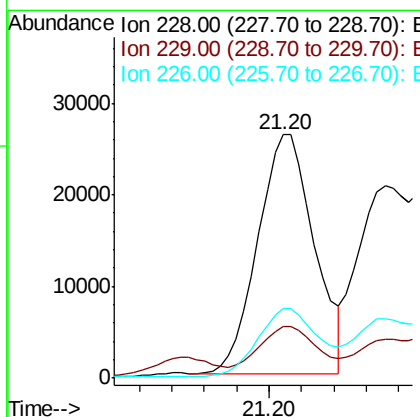
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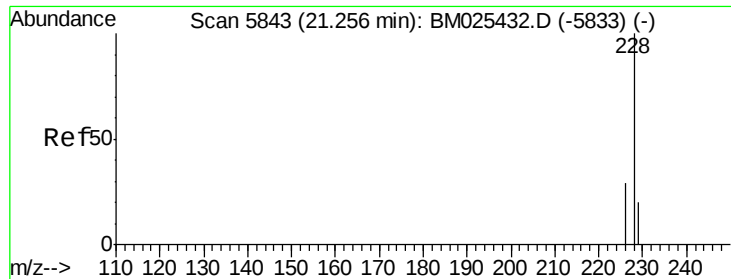
mohammad
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#18
Benzo(a)anthracene
Concen: 0.620 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025440.D
Acq: 10 Mar 2020 07:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	15.6	23.4
226	28.3	21.1	31.7





#19

Chrysene

Concen: 0.458 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Instrument :

BNA_M

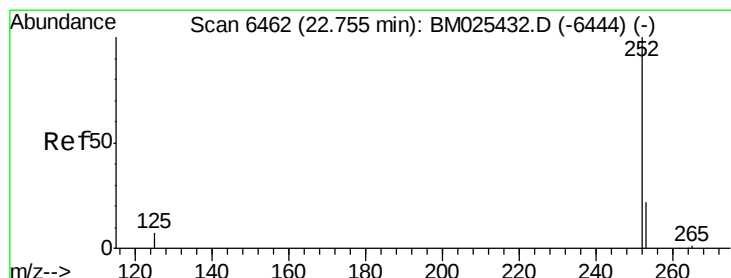
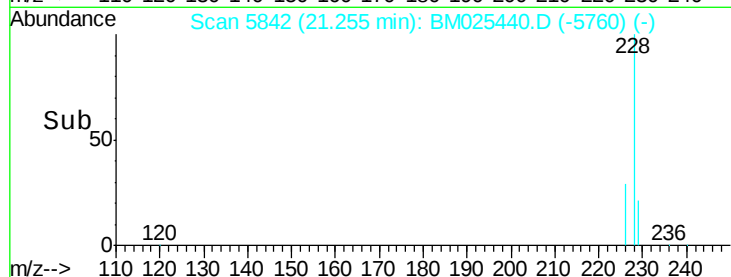
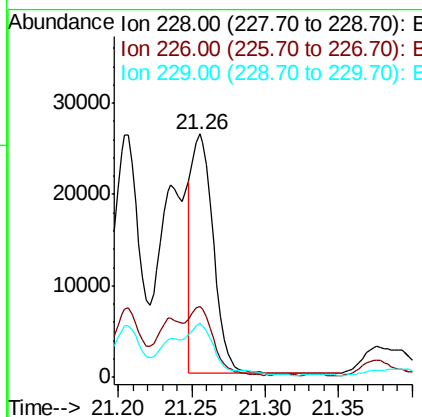
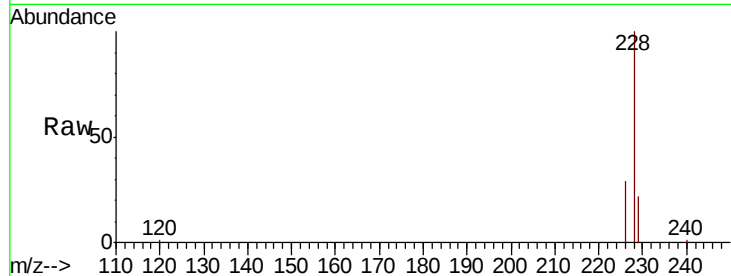
ClientSampleId :

DBDM3

Tot Ion:	228	Resp:	26177
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.6	35.4
229	22.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 2.597 ng/ul m

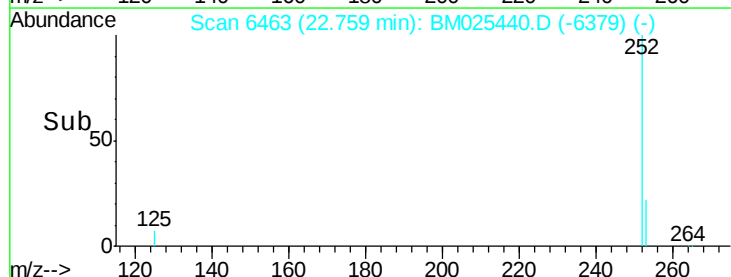
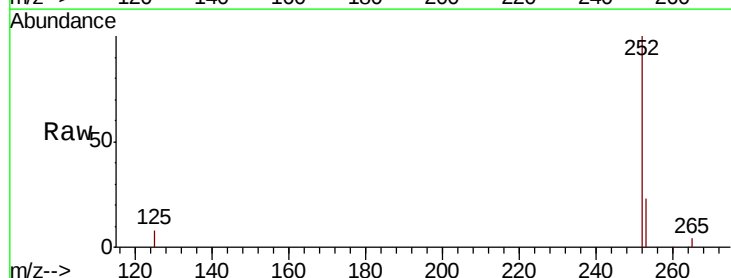
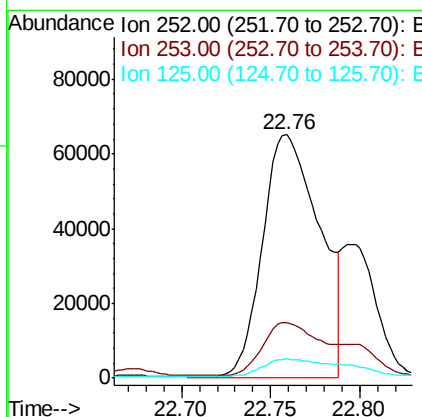
RT: 22.76 min Scan# 6463

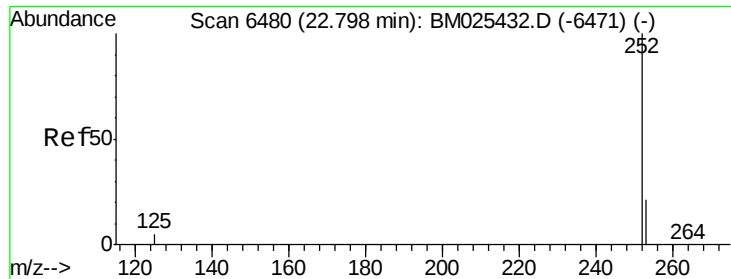
Delta R.T. 0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Tgt Ion:	252	Resp:	145704
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	50.2
125	7.8	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.843 ng/ul m

RT: 22.80 min Scan# 6479

Delta R.T. -0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Instrument :

BNA_M

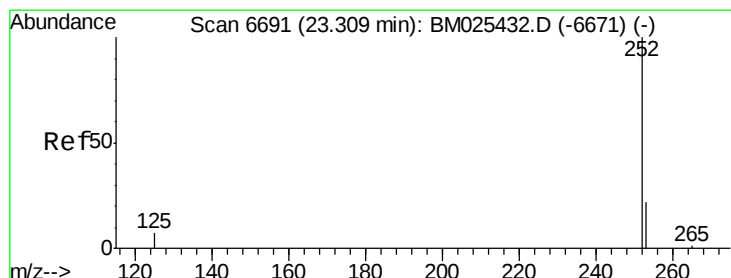
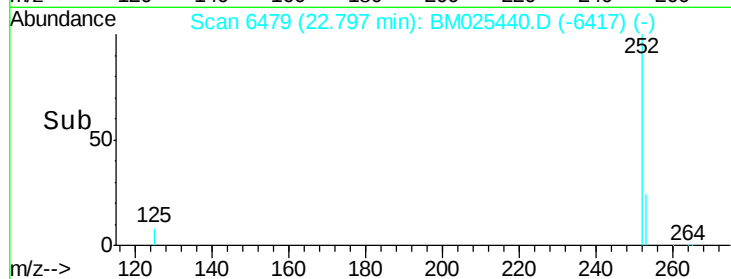
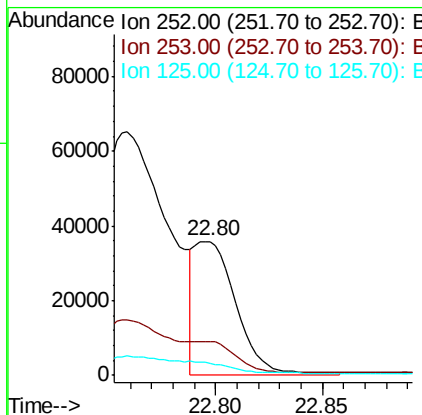
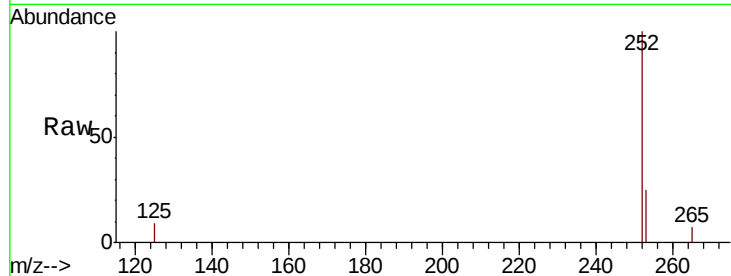
ClientSampleId :

DBDM3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	8.9	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 0.863 ng/ul

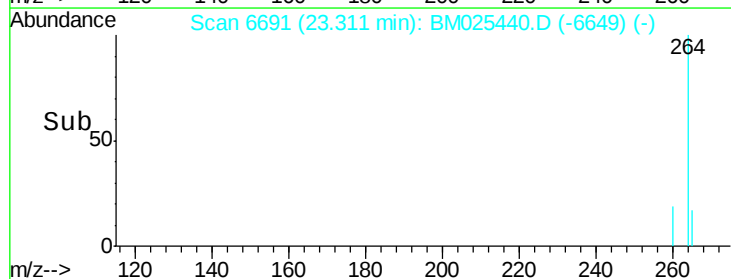
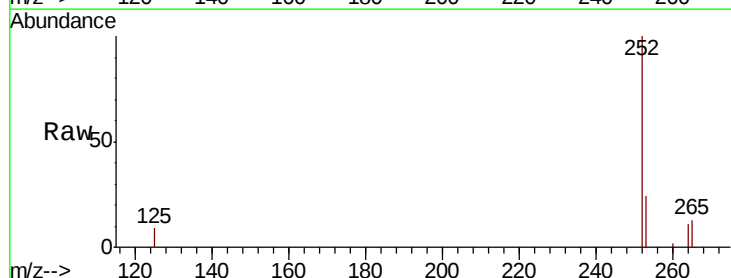
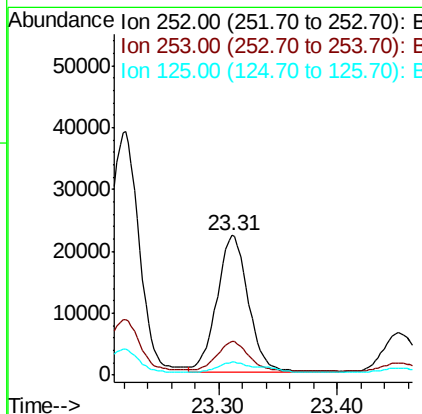
RT: 23.31 min Scan# 6691

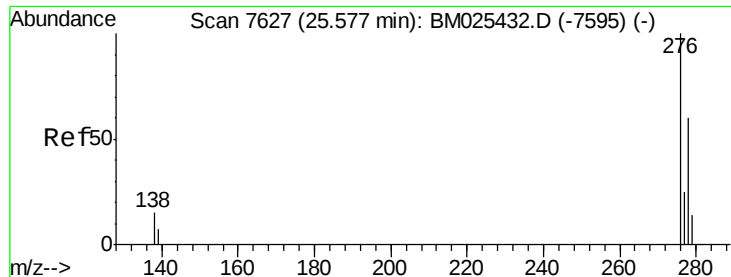
Delta R.T. 0.00 min

Lab File: BM025440.D

Acq: 10 Mar 2020 07:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	9.0	8.5	12.7





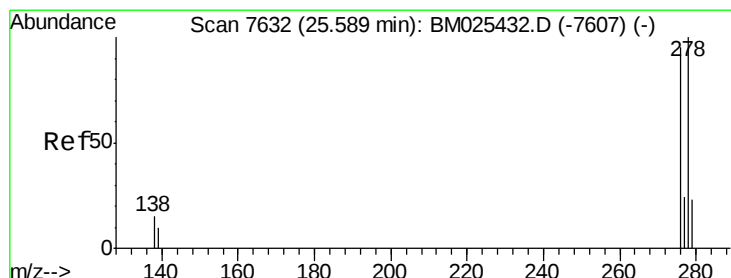
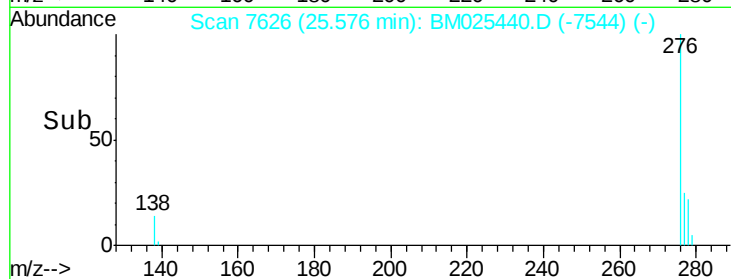
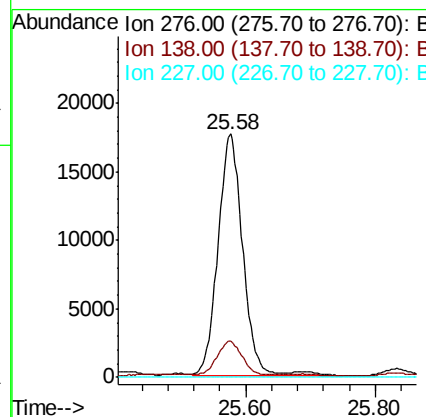
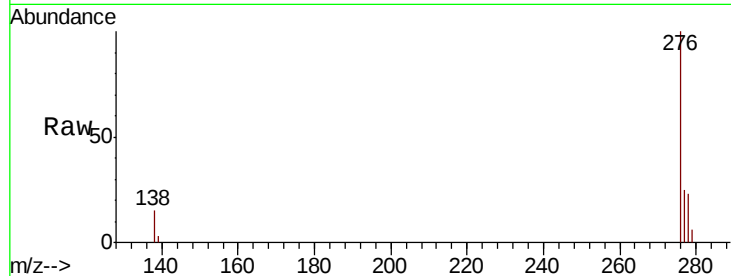
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.741 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025440.D
Acq: 10 Mar 2020 07:30

Instrument :
BNA_M
ClientSampleId :
DBDM3

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.3	18.5
227	0.0	0.0	0.0

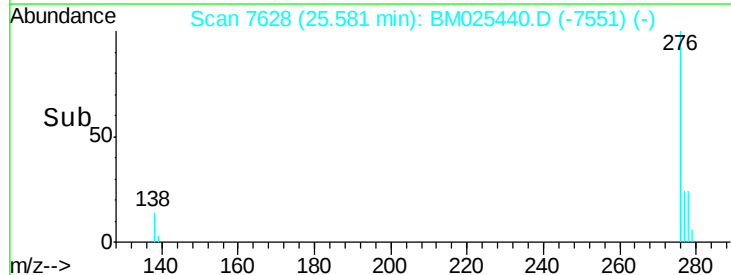
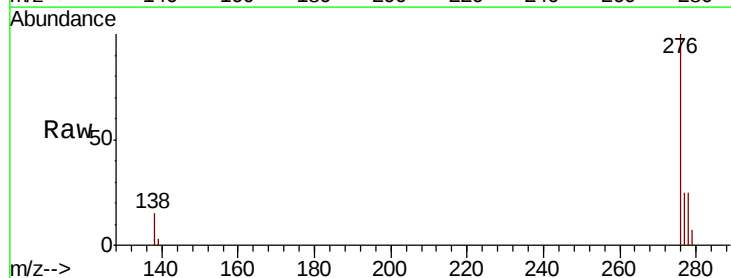
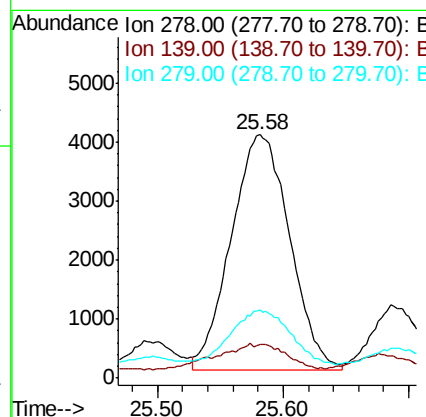
Manual Integrations
APPROVED

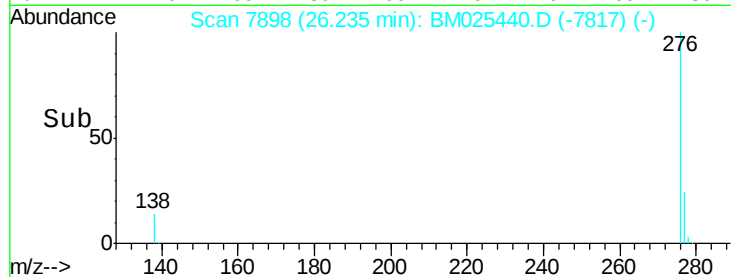
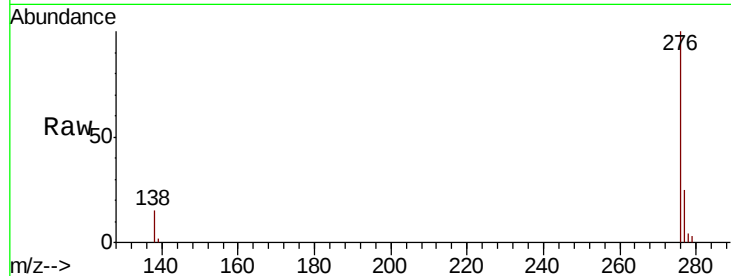
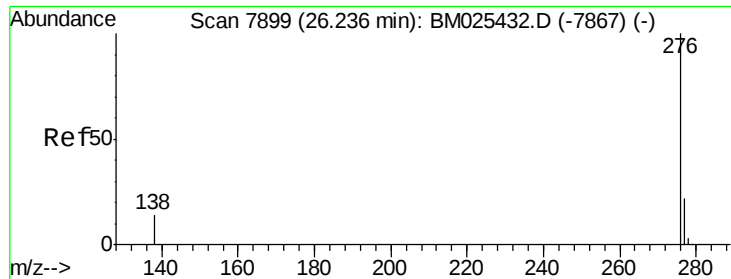
mohammad
3/11/2020 8:00:53 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025440.D
Acq: 10 Mar 2020 07:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.0	13.6#
279	28.2	21.1	31.7





#26
Benzo(a,h,i)perylene
Concen: 0.457 ng/ul
RT: 26.24 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025440.D
Acq: 10 Mar 2020 07:30

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.0	16.4
277	24.8	19.8	29.6

Instrument :
BNA_M
ClientSampleId :
DBDM3

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:53 AM

