

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025441.D
 Acq On : 10 Mar 2020 08:06
 Operator : CG/JU
 Sample : L1612-21DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM3DL

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:00:57 AM

Quant Time: Mar 10 11:54:16 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	4302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18515	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	13090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	28299	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18949	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	954	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2296	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1521	0.028	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	1410	0.036	ng/ul	96
7) Acenaphthylene	14.01	152	3831	0.072	ng/ul#	95
9) Fluorene	15.34	166	2007	0.035	ng/ul	99
12) Phenanthrene	17.07	178	11486	0.128	ng/ul	99
13) Anthracene	17.16	178	24343	0.312	ng/ul	99
15) Fluoranthene	19.09	202	14836	0.153	ng/ul	98
17) Pyrene	19.45	202	31237	0.367	ng/ul	99
18) Benzo(a)anthracene	21.20	228	16780	0.248	ng/ul	96
19) Chrysene	21.26	228	15726	0.207	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	74480m	1.043	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	24835m	0.332	ng/ul	
23) Benzo(a)pyrene	23.31	252	20027	0.338	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	22544	0.280	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	6765	0.100	ng/ul#	89
26) Benzo(a,h,i)perylene	26.24	276	12575	0.180	ng/ul	97

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

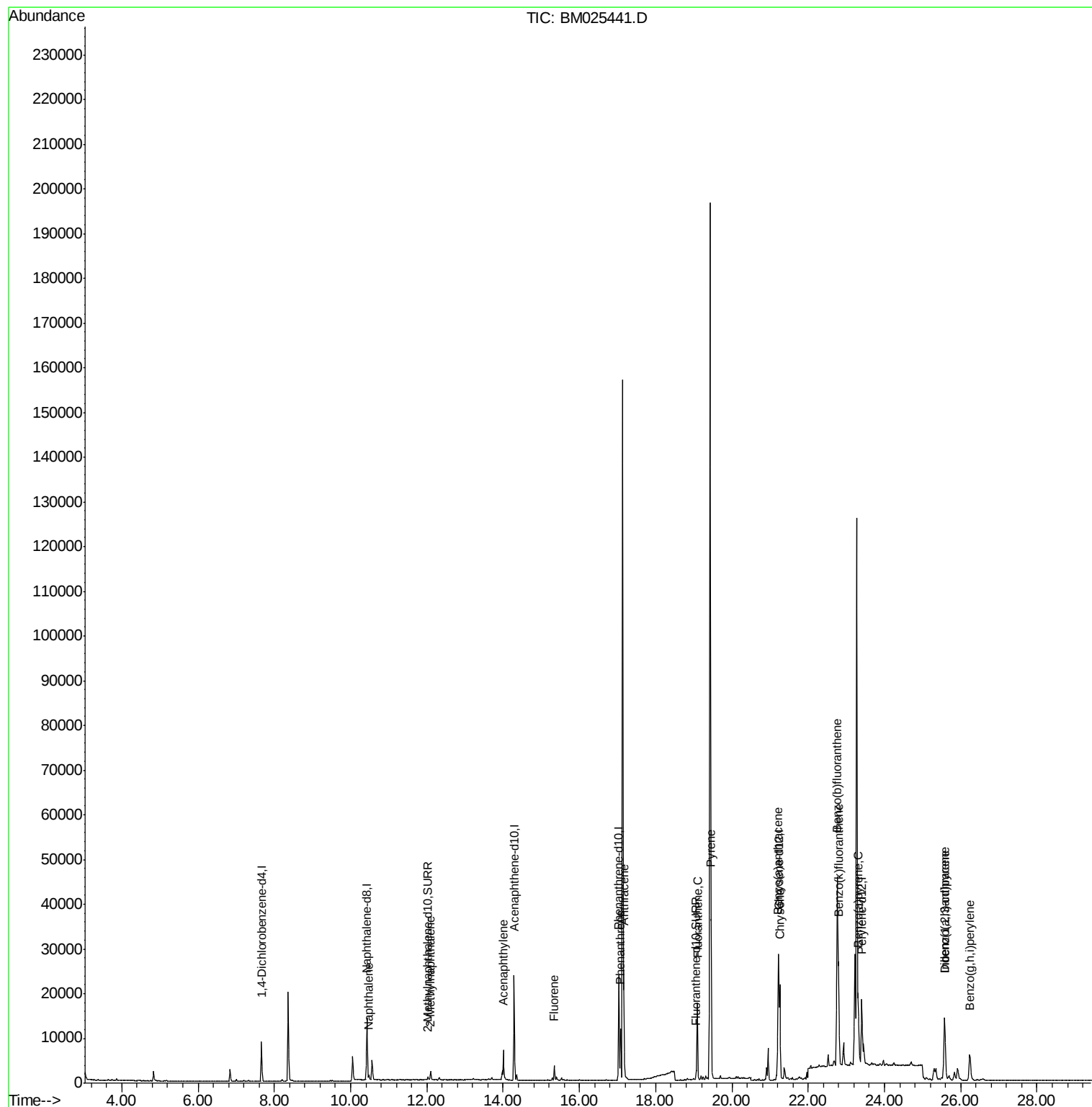
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025441.D
Acq On : 10 Mar 2020 08:06
Operator : CG/JU
Sample : L1612-21DL 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

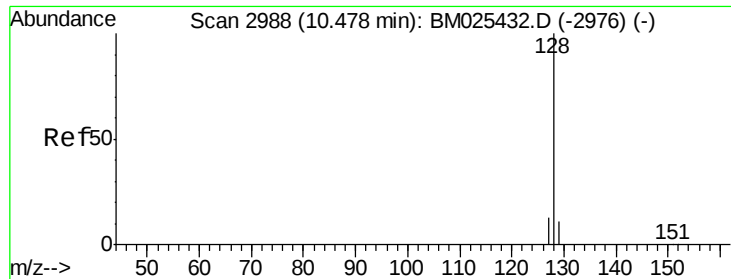
Instrument :
BNA_M
ClientSampleId :
DBDM3DL

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM

Quant Time: Mar 10 11:54:16 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: 0.028 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Instrument :

BNA_M

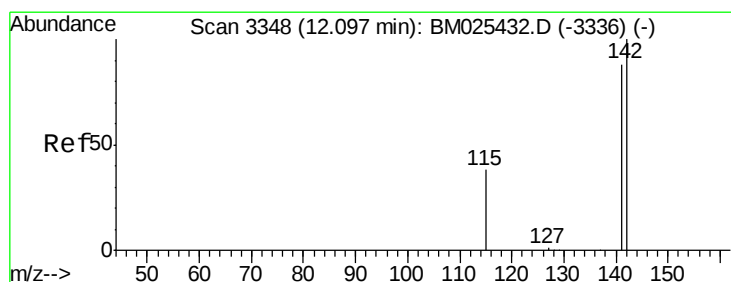
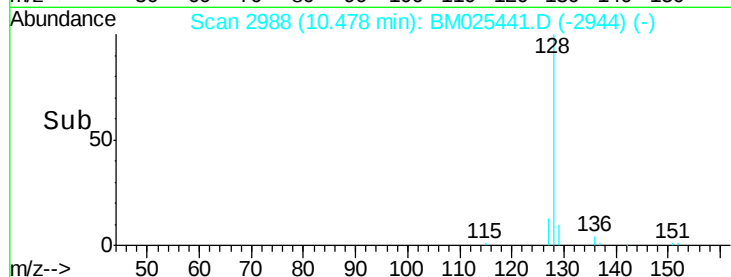
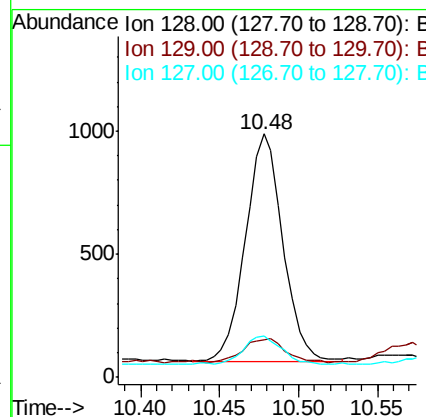
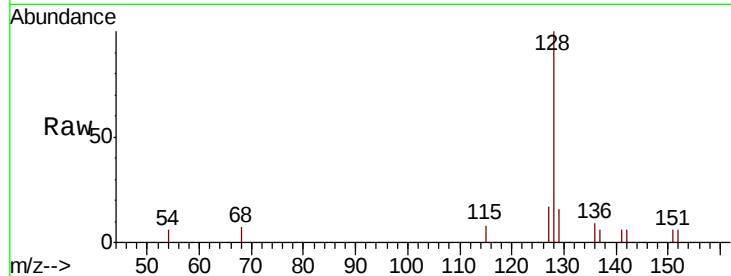
ClientSampleId :

DBDM3DL

Tot Ion:	128	Resp:	1521
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.4	14.0#
127	17.0	10.9	16.3#

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

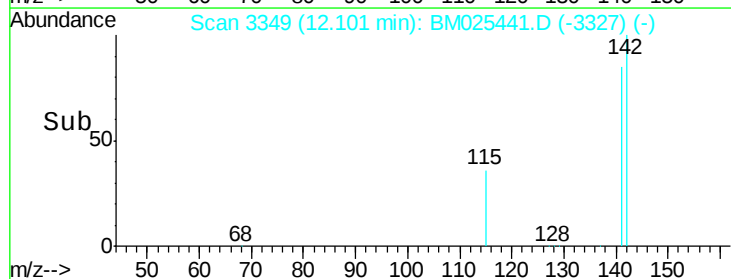
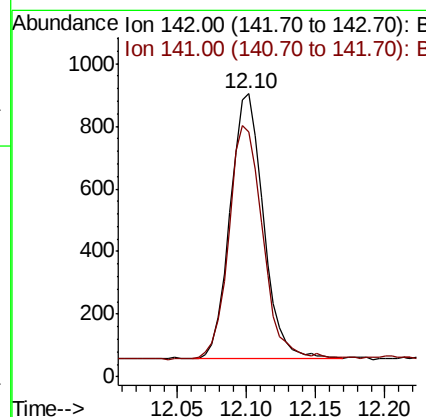
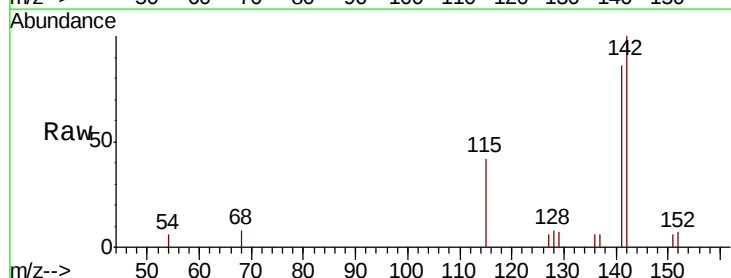
RT: 12.10 min Scan# 3349

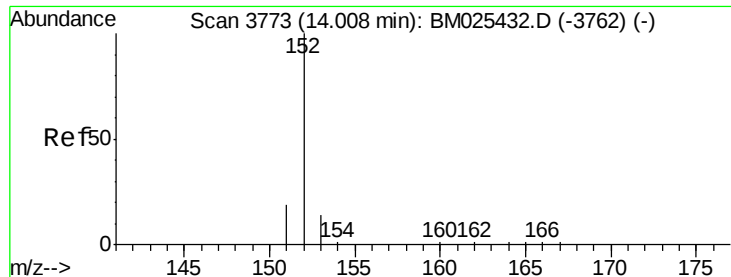
Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Tgt Ion:	142	Resp:	1410
Ion Ratio	Lower	Upper	
142	100		
141	90.6	69.8	104.6





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Instrument :

BNA_M

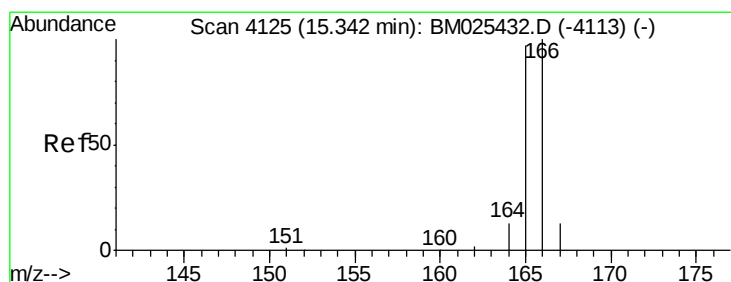
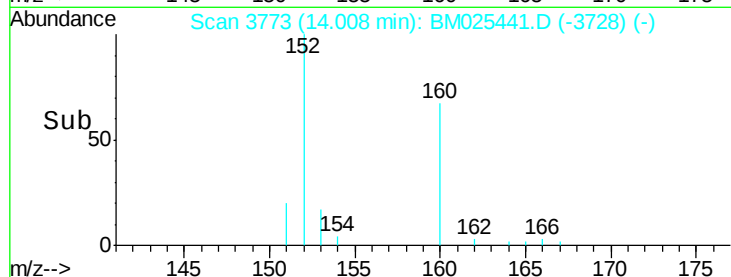
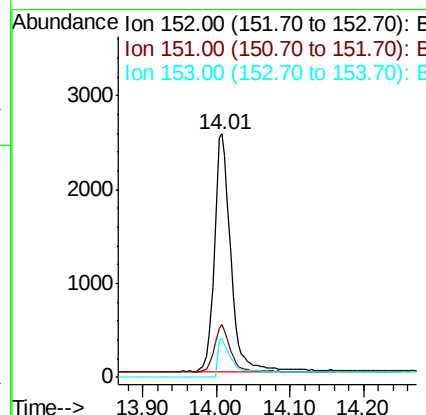
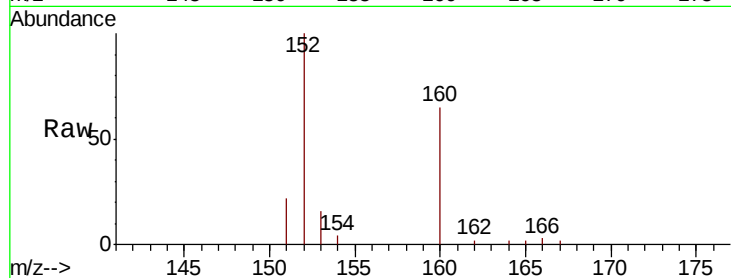
ClientSampleId :

DBDM3DL

Tot Ion:	152	Resp:	3831
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.2
153	16.2	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#9

Fluorene

Concen: 0.035 ng/ul

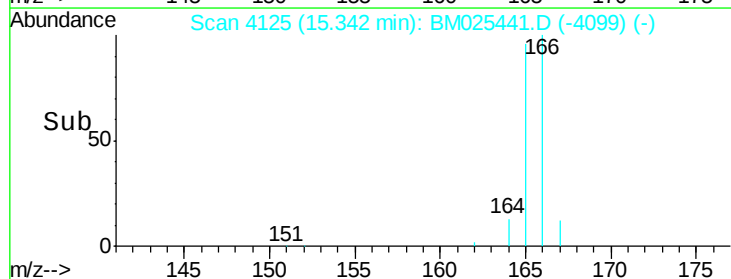
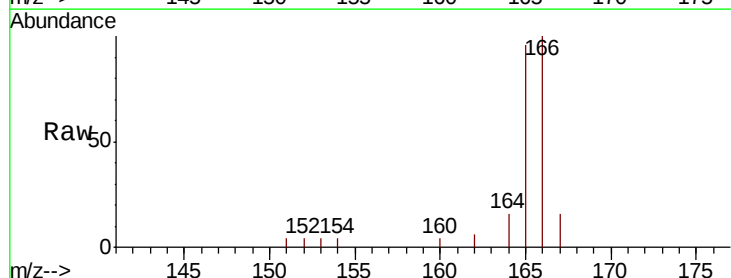
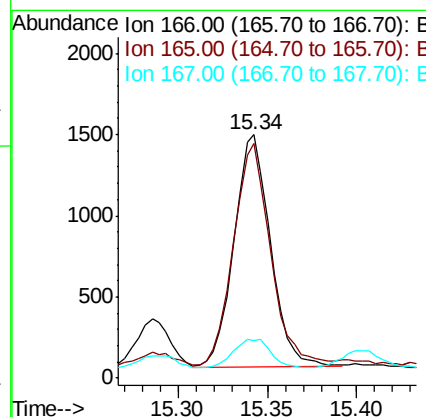
RT: 15.34 min Scan# 4125

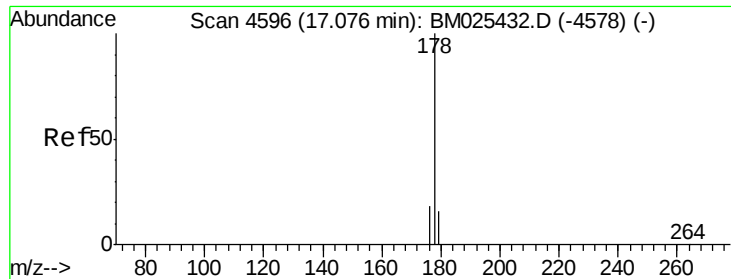
Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Tgt Ion:	166	Resp:	2007
Ion Ratio	Lower	Upper	
166	100		
165	96.4	76.8	115.2
167	15.7	11.2	16.8





#12

Phenanthrene

Concen: 0.128 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Instrument :

BNA_M

ClientSampleId :

DBDM3DL

Tot Ion:178 Resp: 11486

Ion Ratio Lower Upper

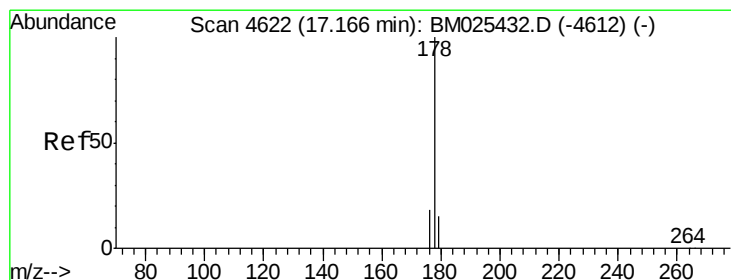
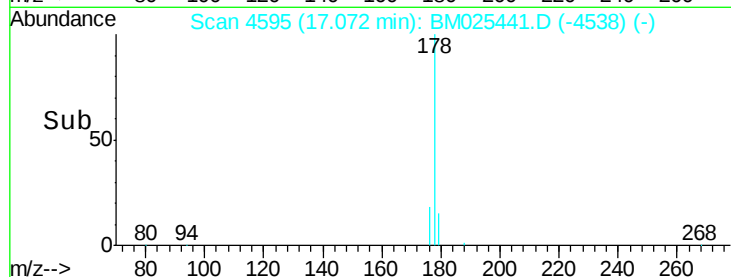
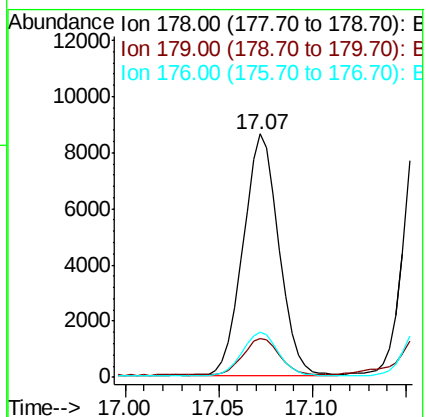
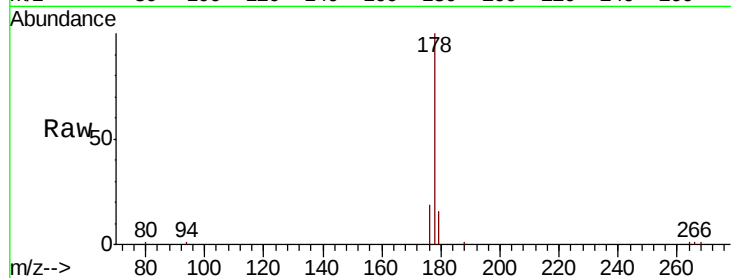
178 100

179 15.8 12.4 18.6

176 18.8 14.8 22.2

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#13

Anthracene

Concen: 0.312 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

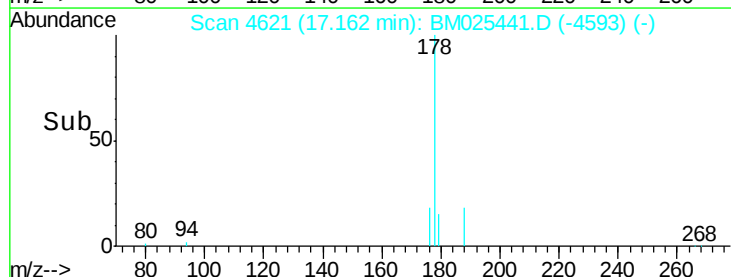
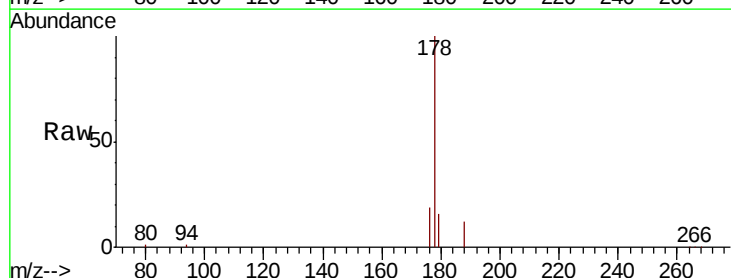
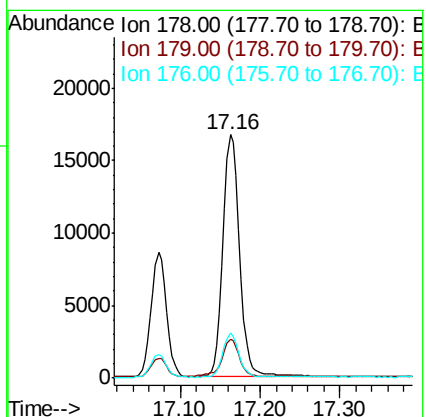
Tgt Ion:178 Resp: 24343

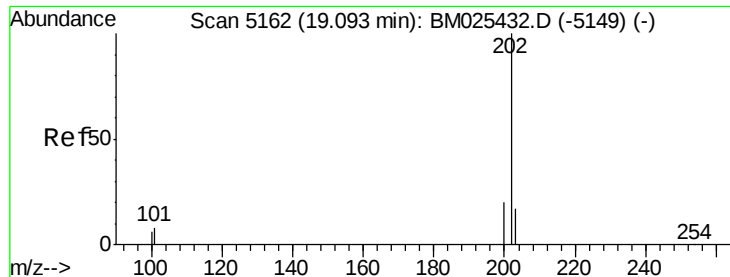
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 18.6 14.5 21.7





#15

Fluoranthene

Concen: 0.153 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Instrument :

BNA_M

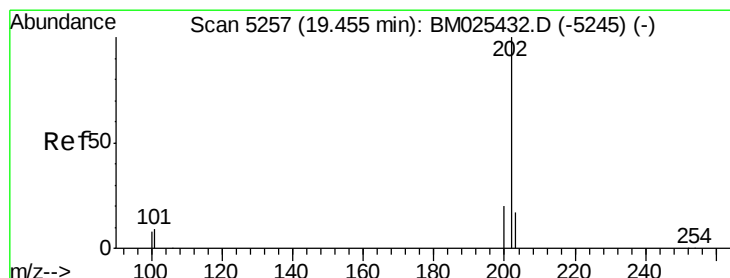
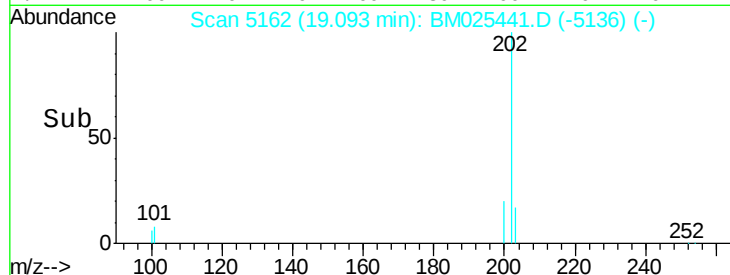
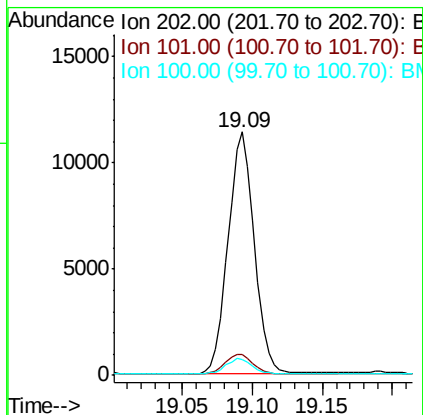
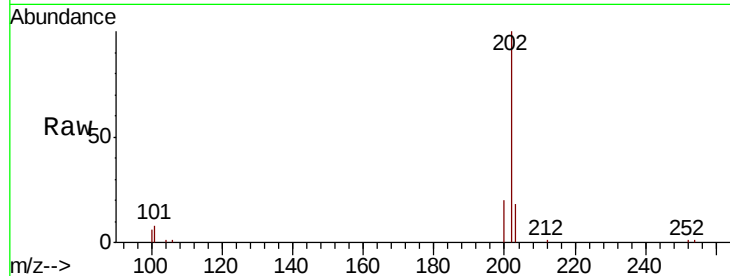
ClientSampleId :

DBDM3DL

Tot Ion:	202	Resp:	14836
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	27.5
100	6.4	0.0	26.0

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#17

Pyrene

Concen: 0.367 ng/ul

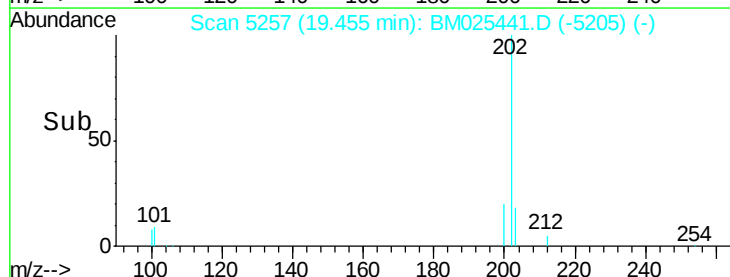
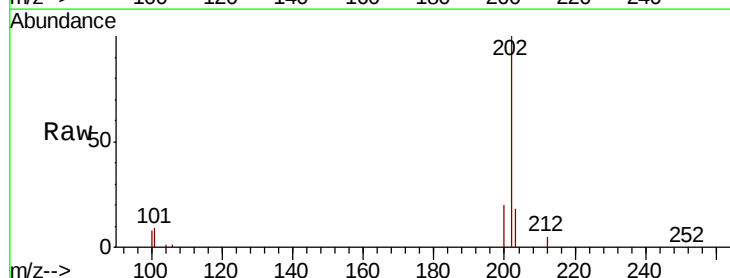
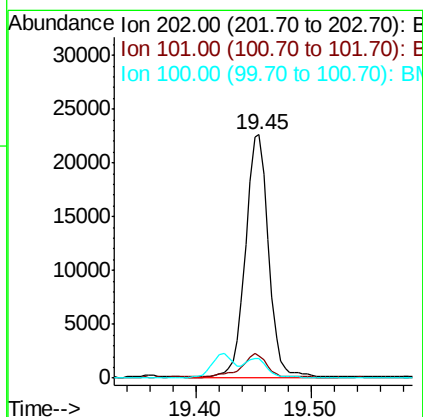
RT: 19.45 min Scan# 5257

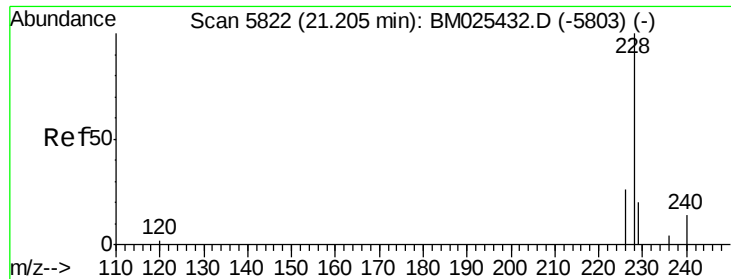
Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Tgt Ion:	202	Resp:	31237
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.1	10.7
100	7.8	6.0	9.0





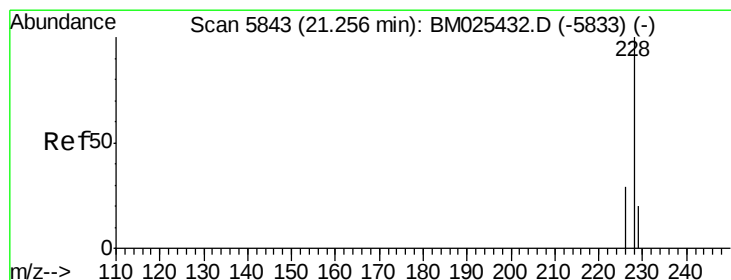
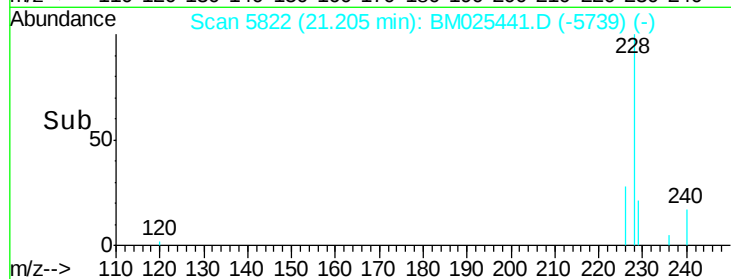
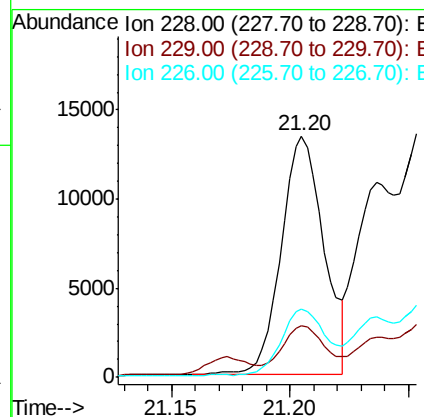
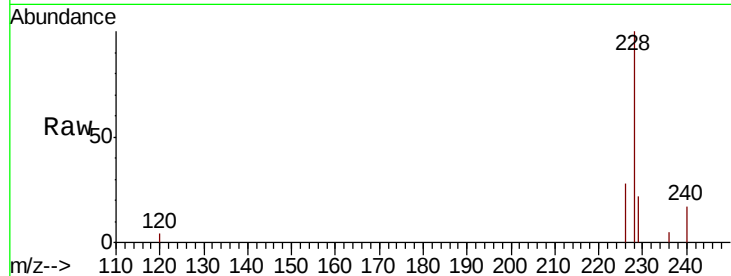
#18
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.20 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Instrument :
BNA_M
ClientSampleId :
DBDM3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	28.3	21.1	31.7

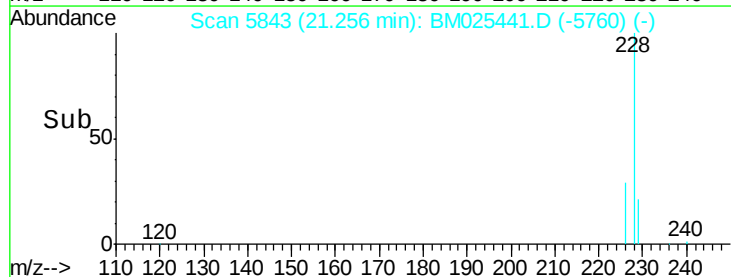
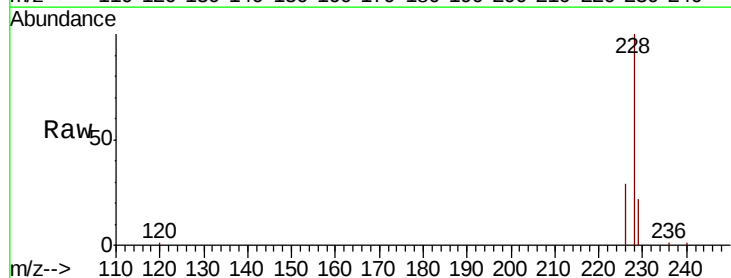
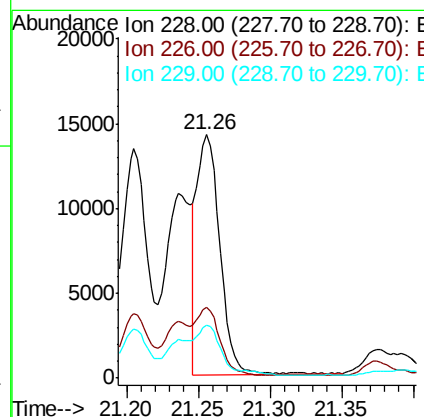
Manual Integrations
APPROVED

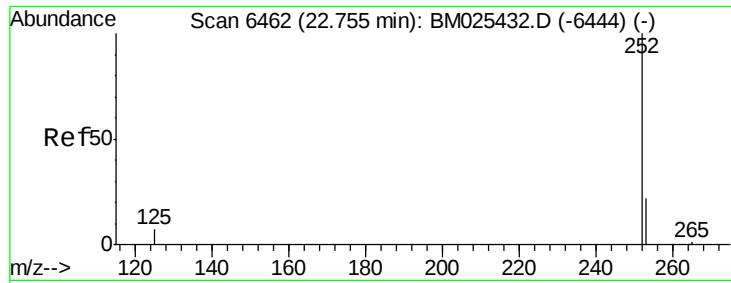
mohammad
3/11/2020 8:00:57 AM



#19
Chrysene
Concen: 0.207 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.00 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.9	16.3	24.5





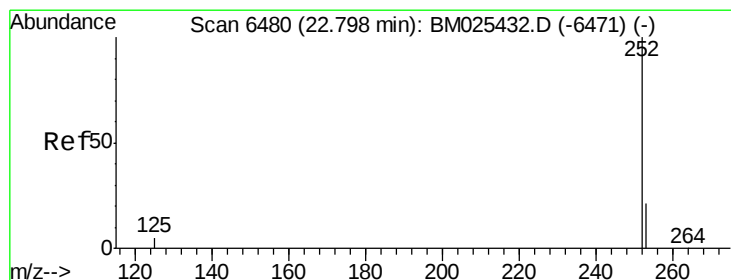
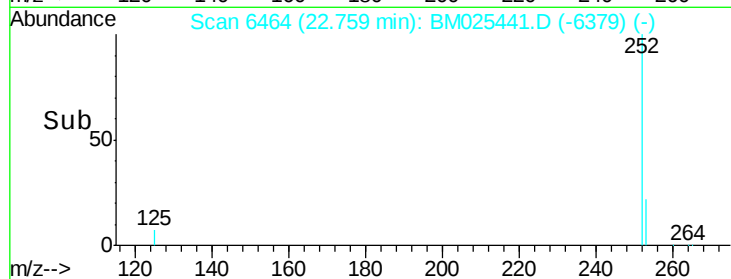
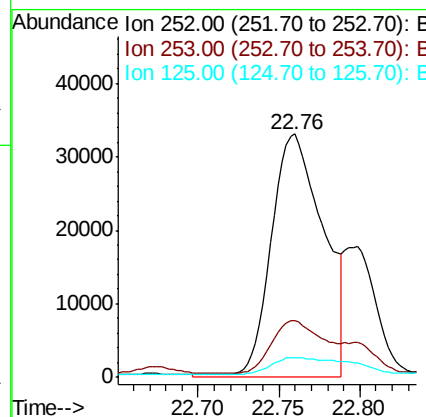
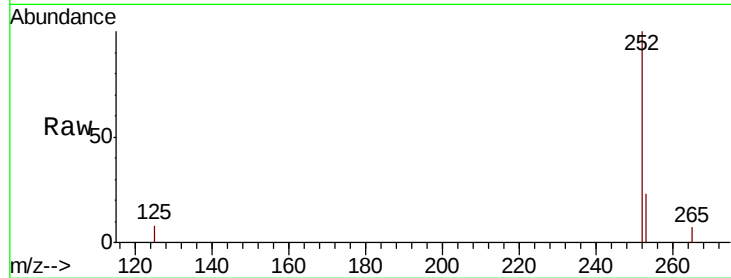
#21
Benzo(b)fluoranthene
Concen: 1.043 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. 0.00 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Instrument :
BNA_M
ClientSampleId :
DBDM3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	50.2
125	8.1	0.0	17.6

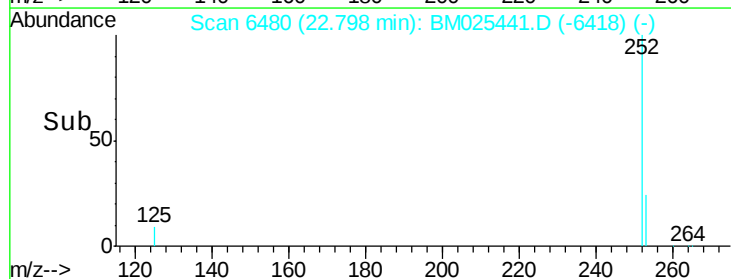
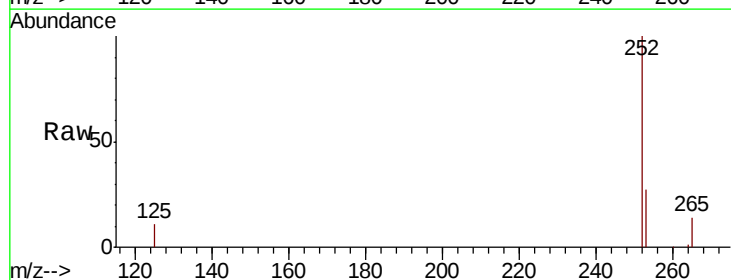
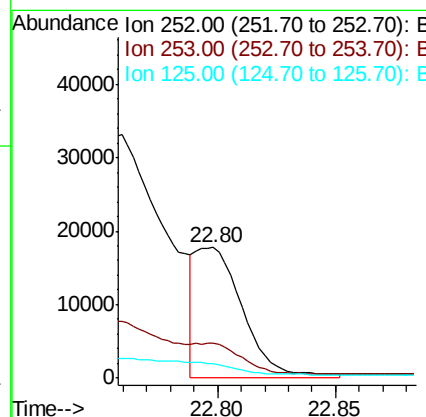
Manual Integrations
APPROVED

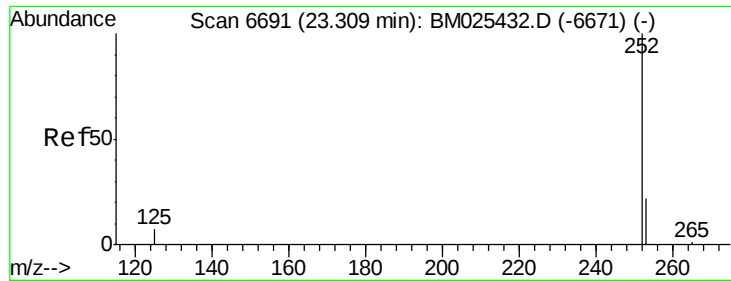
mohammad
3/11/2020 8:00:57 AM



#22
Benzo(k)fluoranthene
Concen: 0.332 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.00 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.8	29.8
125	10.6	7.1	10.7





#23

Benzo(a)pyrene

Concen: 0.338 ng/ul

RT: 23.31 min Scan# 6692

Delta R.T. 0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Instrument :

BNA_M

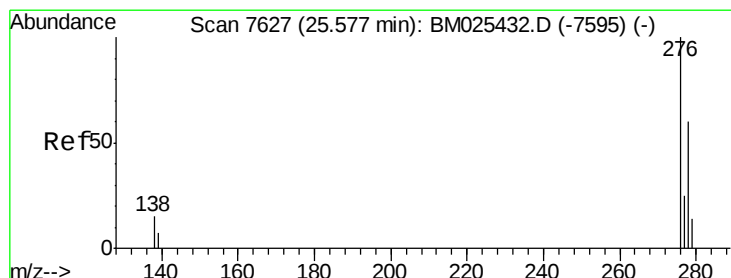
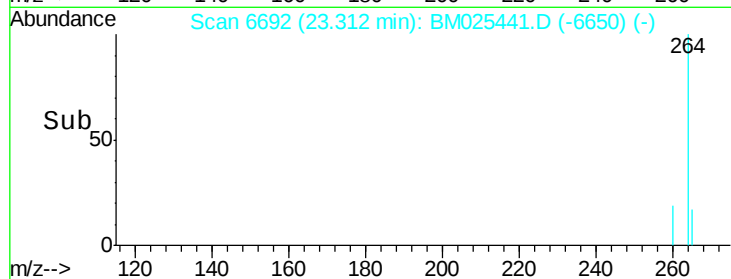
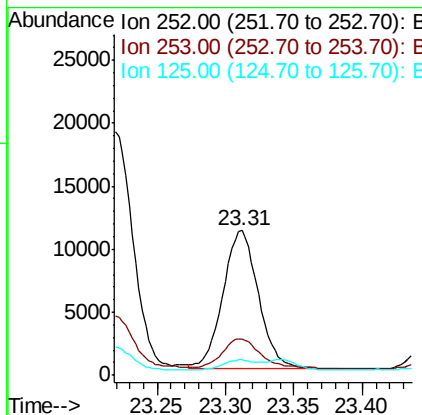
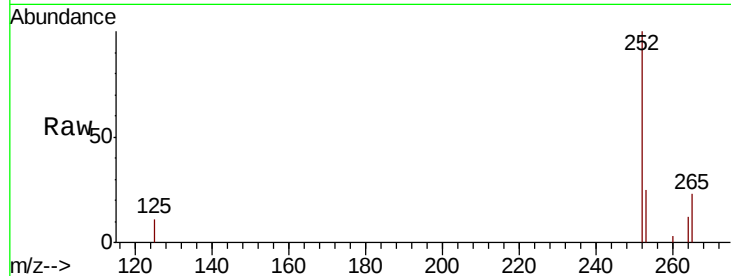
ClientSampleId :

DBDM3DL

Tot Ion:	252	Resp:	20027
Ion Ratio	Lower	Upper	
252	100		
253	25.5	21.3	31.9
125	11.1	8.5	12.7

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.280 ng/ul

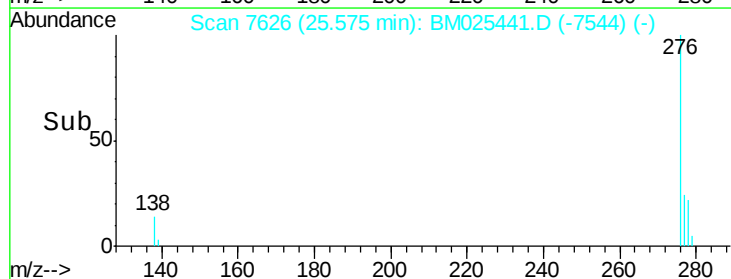
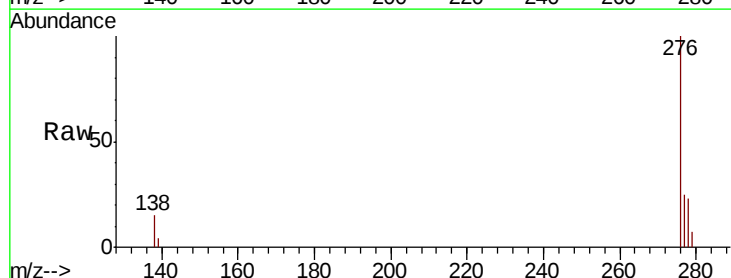
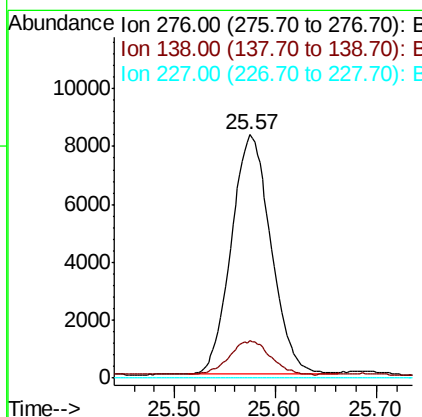
RT: 25.57 min Scan# 7626

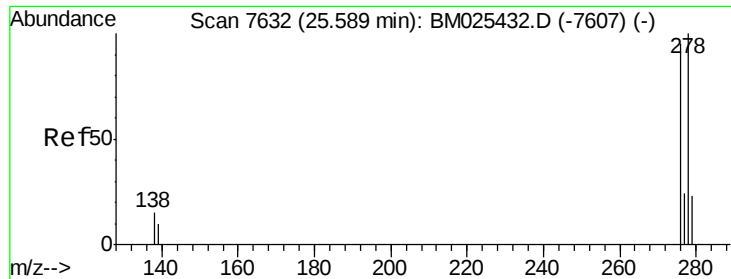
Delta R.T. -0.00 min

Lab File: BM025441.D

Acq: 10 Mar 2020 08:06

Tgt Ion:	276	Resp:	22544
Ion Ratio	Lower	Upper	
276	100		
138	14.6	12.3	18.5
227	0.0	0.0	0.0





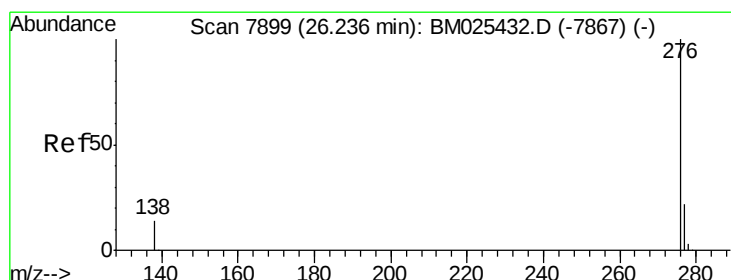
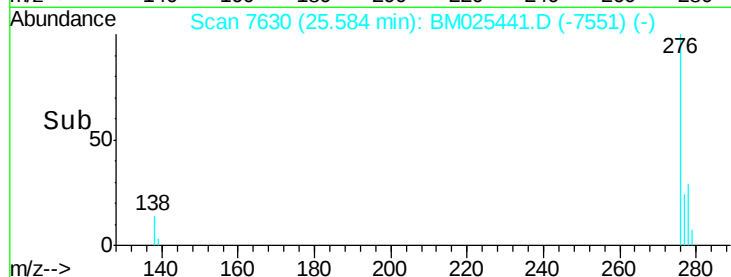
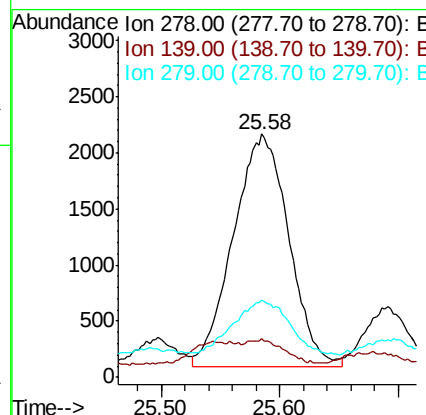
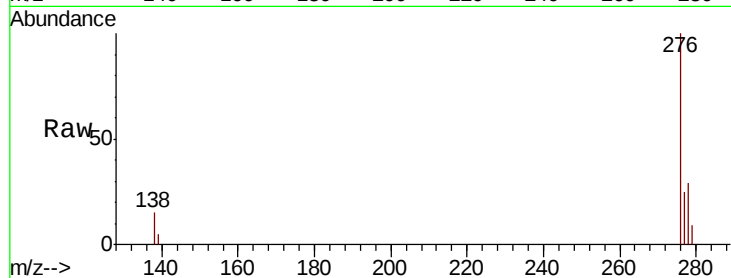
#25
Dibenzo(a,h)anthracene
Concen: 0.100 ng/u1
RT: 25.58 min Scan# 7630
Delta R.T. -0.01 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Instrument :
BNA_M
ClientSampled :
DBDM3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	9.0	13.6#
279	31.5	21.1	31.7

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:57 AM



#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/u1
RT: 26.24 min Scan# 7900
Delta R.T. -0.00 min
Lab File: BM025441.D
Acq: 10 Mar 2020 08:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.0	16.4
277	24.4	19.8	29.6

