

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025327.D
 Acq On : 07 Mar 2020 00:54
 Operator : CG/JU
 Sample : L1612-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM3

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:00:27 PM

Quant Time: Mar 07 05:09:44 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 00:01:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3272	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14092	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10366	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	25241	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	24155	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	21178	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1732	0.07	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	5641	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	2510	0.059	ng/ul#	89
5) 2-Methylnaphthalene	12.11	142	2510	0.081	ng/ul	100
7) Acenaphthylene	14.02	152	8222	0.169	ng/ul	95
8) Acenaphthene	14.36	153	1180	0.031	ng/ul	96
9) Fluorene	15.35	166	3369	0.071	ng/ul	96
12) Phenanthrene	17.08	178	22397	0.275	ng/ul	96
13) Anthracene	17.17	178	65303	0.904	ng/ul	95
15) Fluoranthene	19.10	202	35187	0.345	ng/ul	96
17) Pyrene	19.46	202	76208	0.832	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	48645	0.548	ng/ul	99
19) Chrysene	21.26	228	82277m	0.843	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	193584m	2.285	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	70895m	0.798	ng/ul	
23) Benzo(a)pyrene	23.32	252	54089	0.760	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.59	276	53654	0.605	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	15340	0.209	ng/ul	96
26) Benzo(a,h,i)perylene	26.25	276	28296	0.376	ng/ul#	93

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

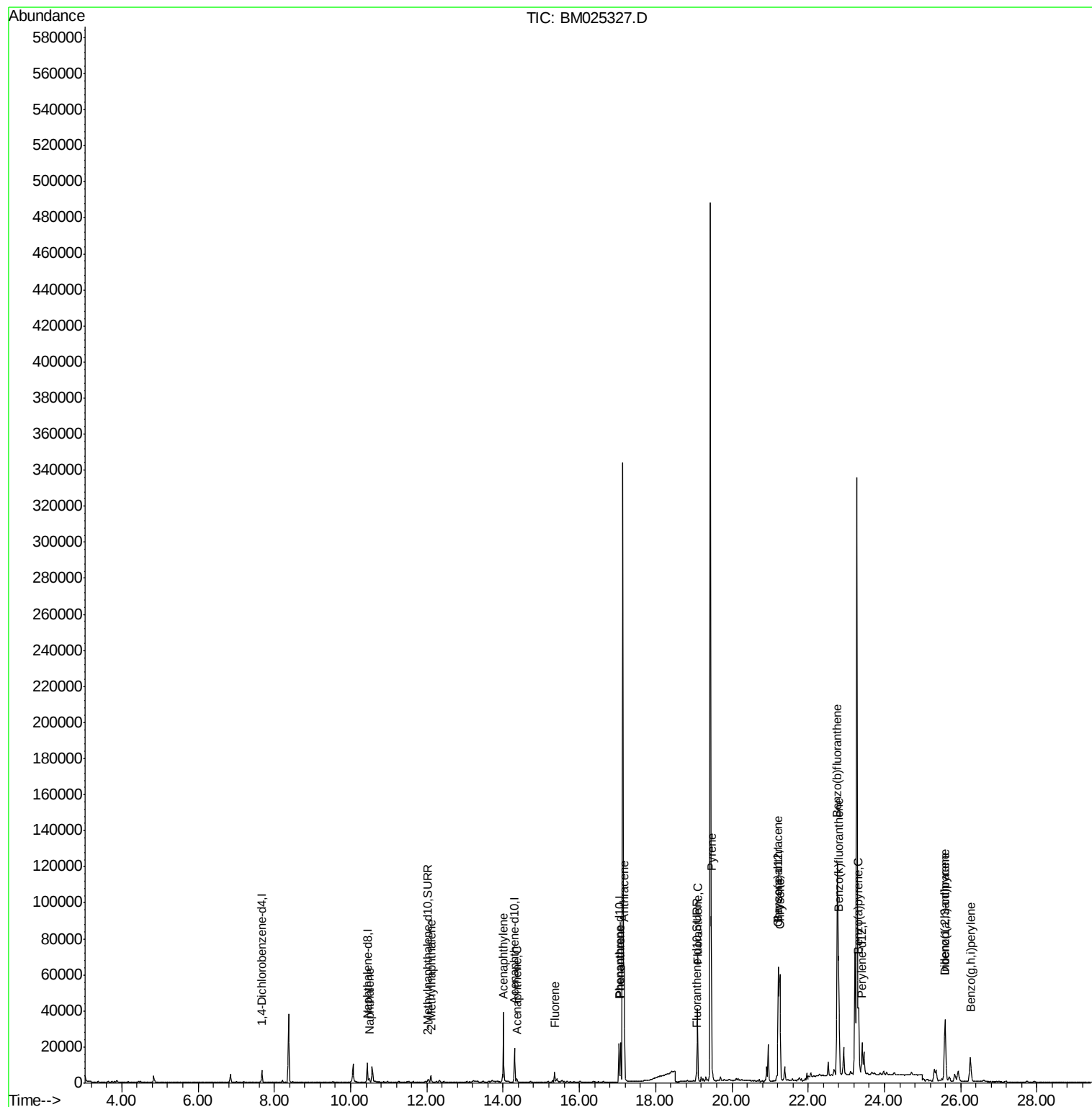
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

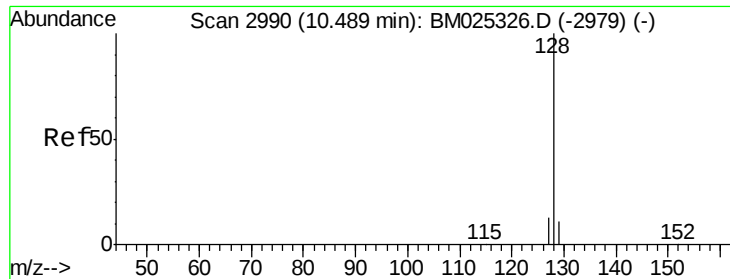
Instrument :
BNA_M
ClientSampleId :
DBDM3

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM

Quant Time: Mar 07 05:09:44 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 00:01:42 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

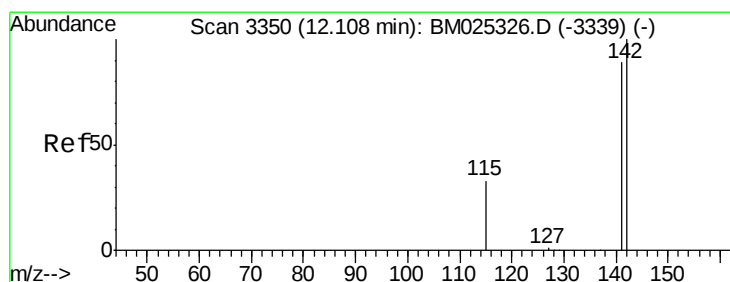
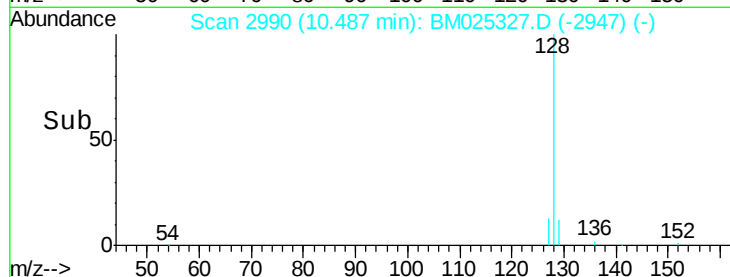
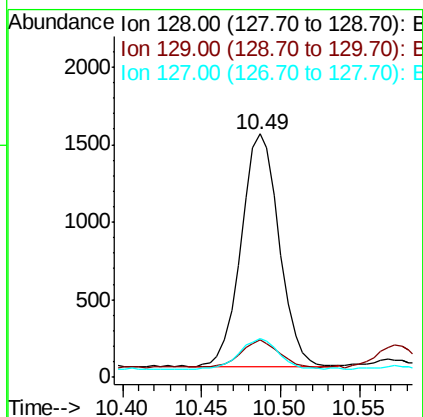
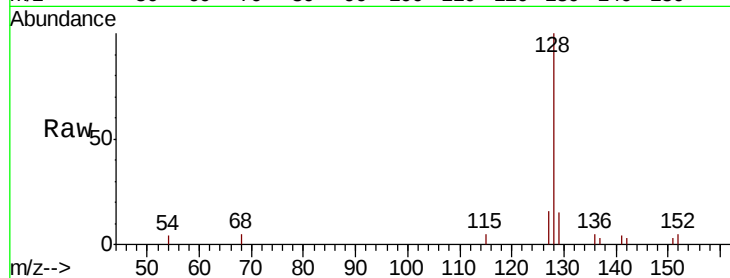
ClientSampleId :

DBDM3

Tot Ion:	128	Resp:	2510
Ion Ratio	Lower	Upper	
128	100		
129	15.4	17.0	25.6#
127	15.8	15.7	23.5

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

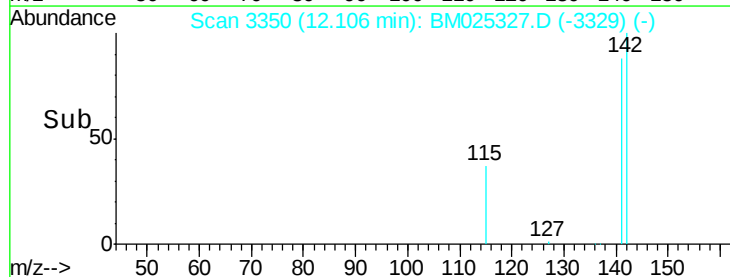
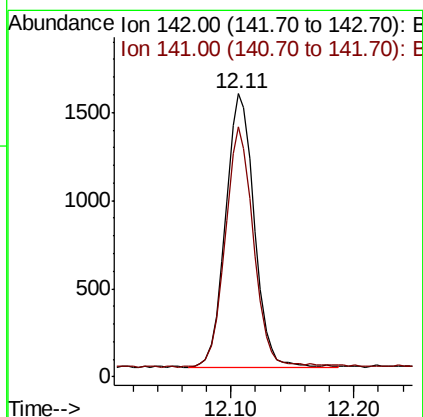
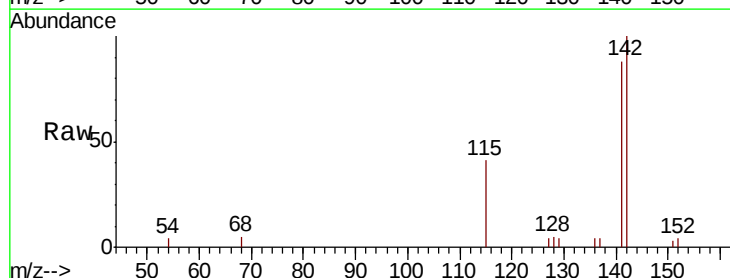
RT: 12.11 min Scan# 3350

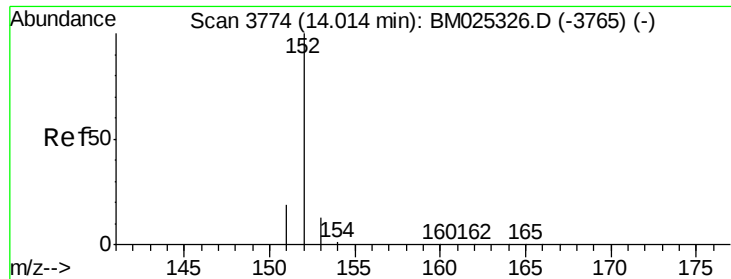
Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:	142	Resp:	2510
Ion Ratio	Lower	Upper	
142	100		
141	87.3	69.8	104.8





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

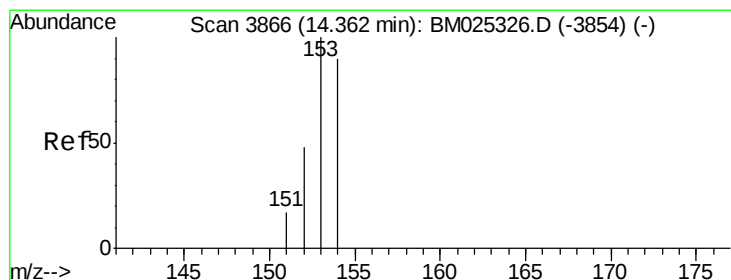
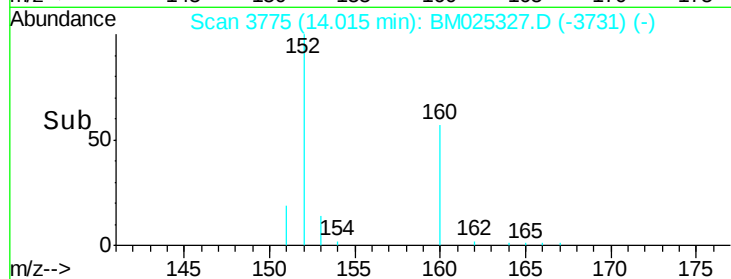
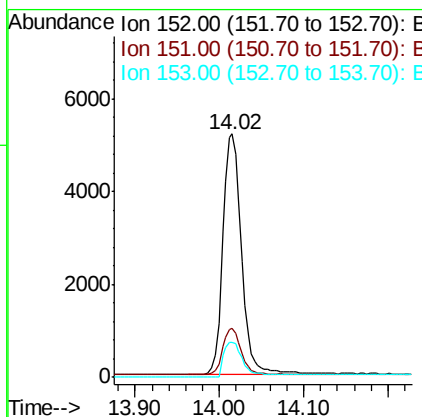
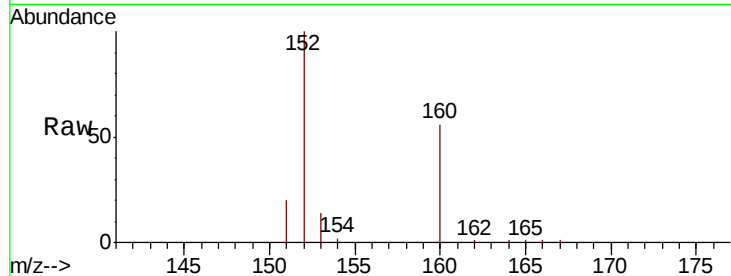
ClientSampleId :

DBDM3

Tot Ion:	152	Resp:	8222
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.8	26.8
153	14.3	13.3	19.9

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#8

Acenaphthene

Concen: 0.031 ng/ul

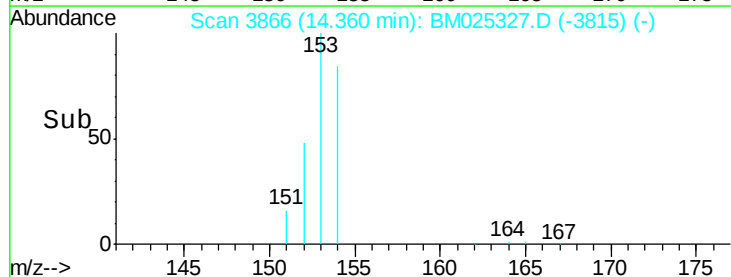
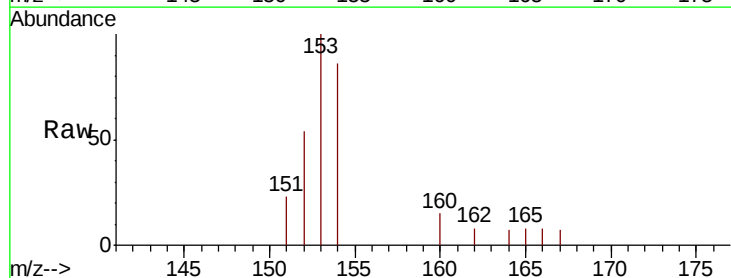
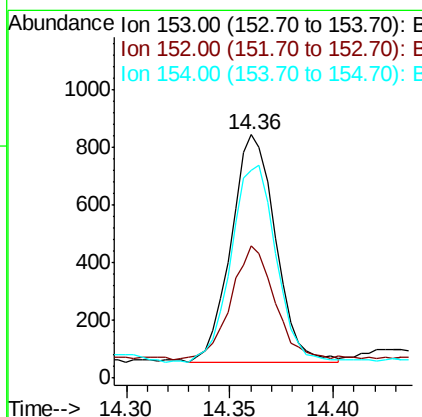
RT: 14.36 min Scan# 3866

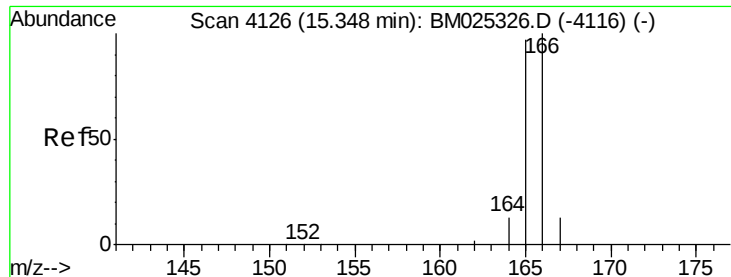
Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:	153	Resp:	1180
Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.0	60.0
154	85.6	71.0	106.6





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

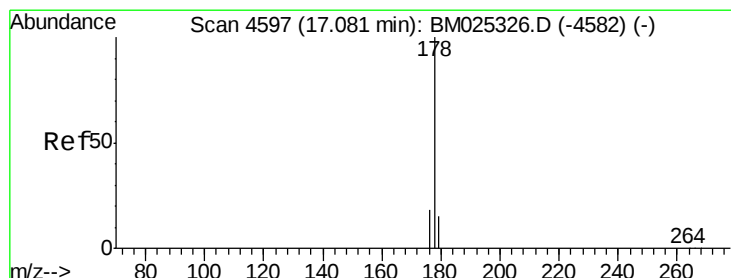
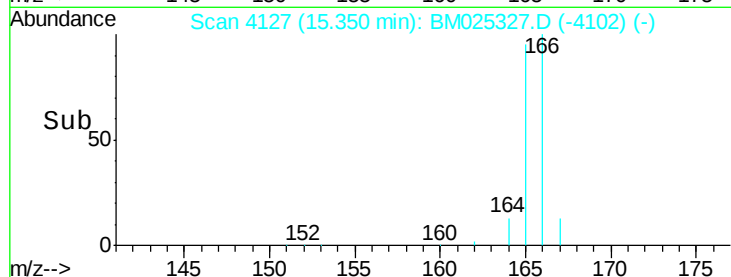
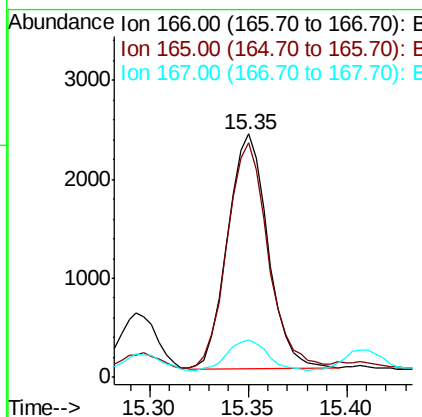
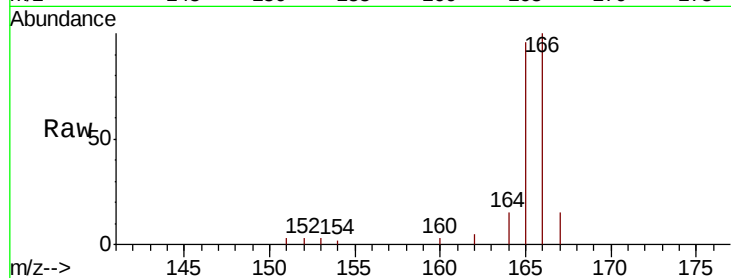
ClientSampleId :

DBDM3

Tot Ion:	166	Resp:	3369
Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.0	120.0
167	15.3	13.7	20.5

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#12

Phenanthrene

Concen: 0.275 ng/ul

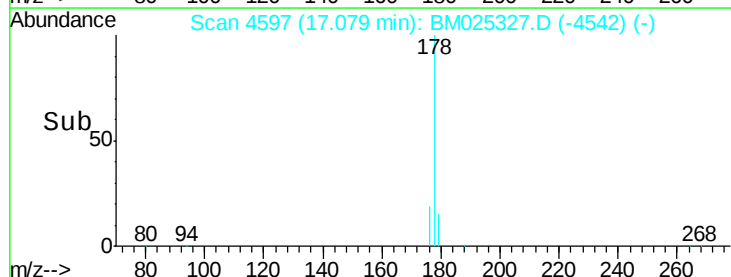
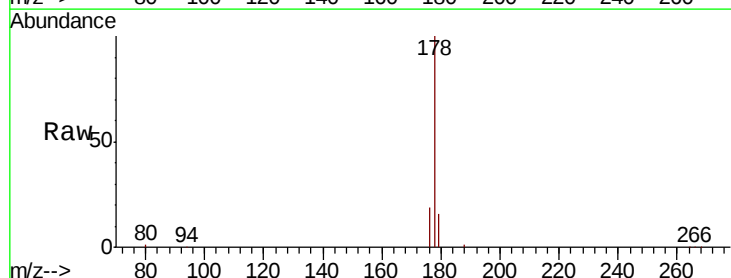
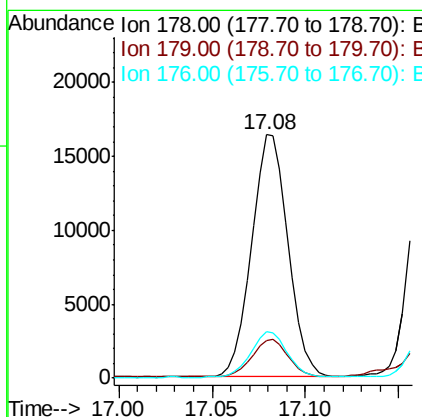
RT: 17.08 min Scan# 4597

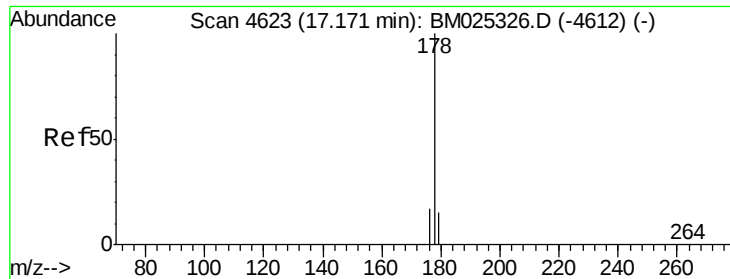
Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:	178	Resp:	22397
Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.0	21.0
176	19.0	16.6	24.8





#13

Anthracene

Concen: 0.904 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

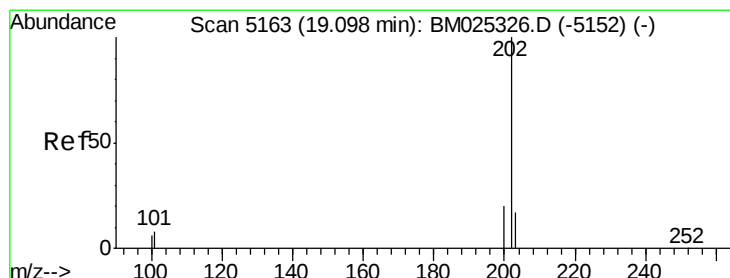
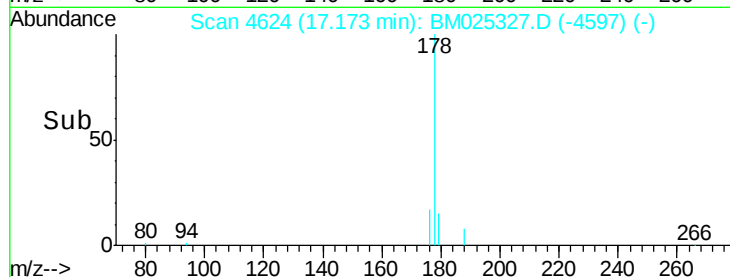
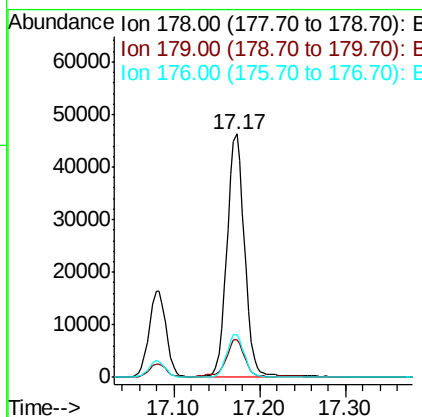
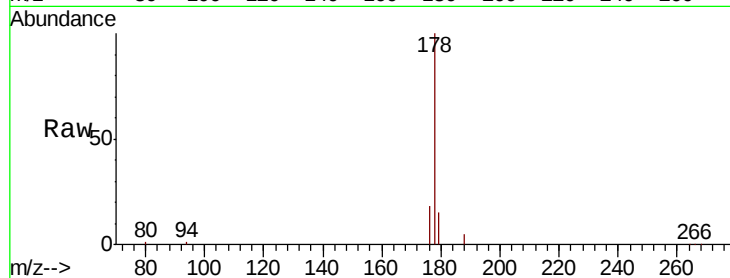
ClientSampleId :

DBDM3

Tot Ion:178	Resp:	65303
Ion Ratio	Lower	Upper
178	100	
179	15.5	14.1 21.1
176	17.6	16.2 24.4

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#15

Fluoranthene

Concen: 0.345 ng/ul

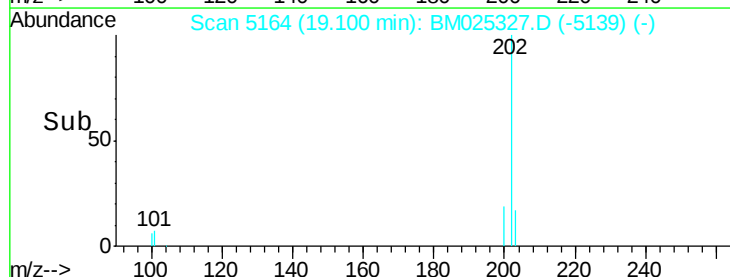
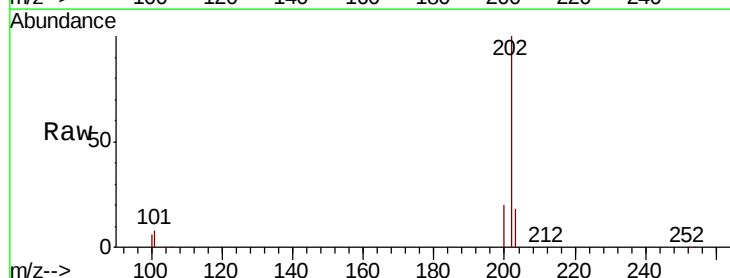
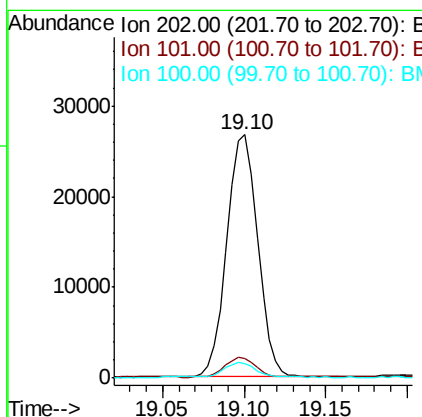
RT: 19.10 min Scan# 5164

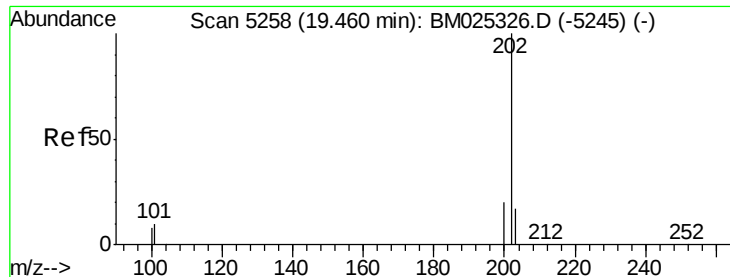
Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:202	Resp:	35187
Ion Ratio	Lower	Upper
202	100	
101	8.0	0.0 29.4
100	6.1	0.0 28.0





#17

Pvrene

Concen: 0.832 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

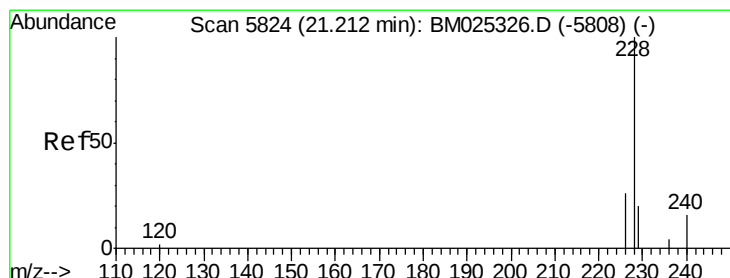
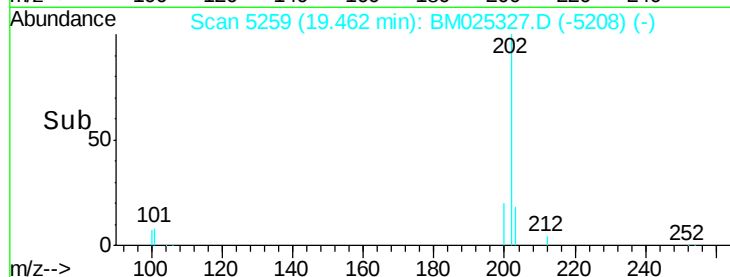
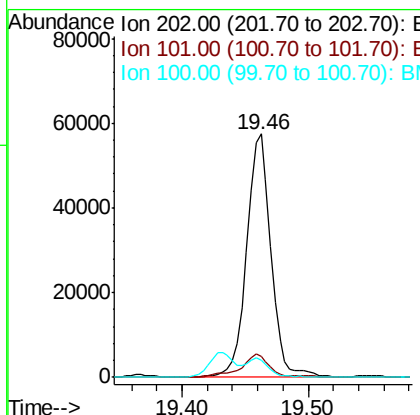
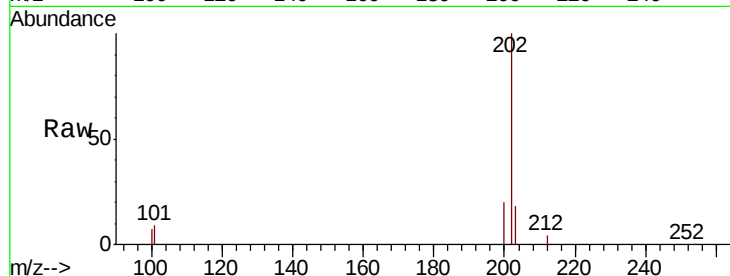
ClientSampleId :

DBDM3

Tot Ion:	202	Resp:	76208
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.7	13.1#
100	7.1	7.3	10.9#

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#18

Benzo(a)anthracene

Concen: 0.548 ng/ul

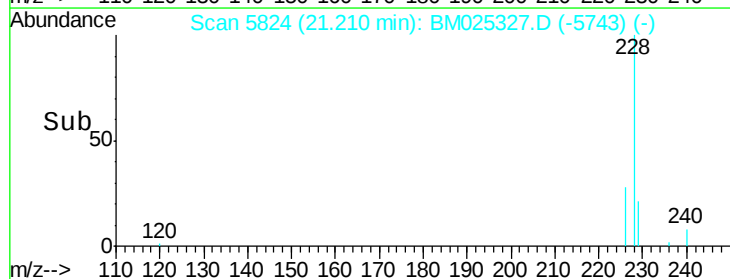
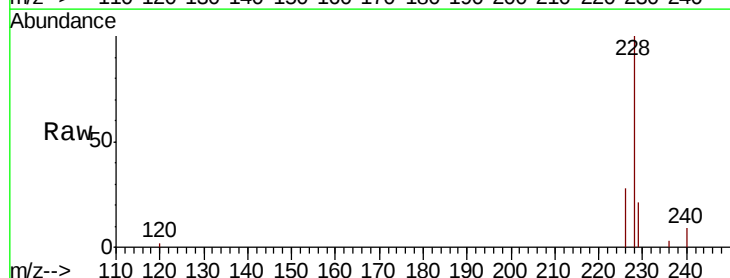
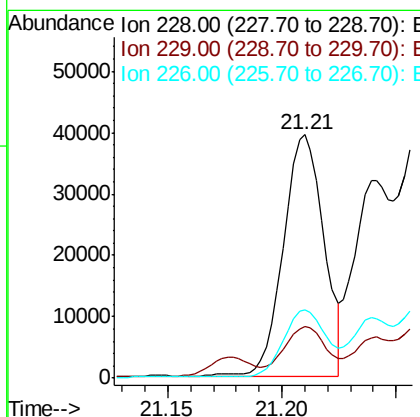
RT: 21.21 min Scan# 5824

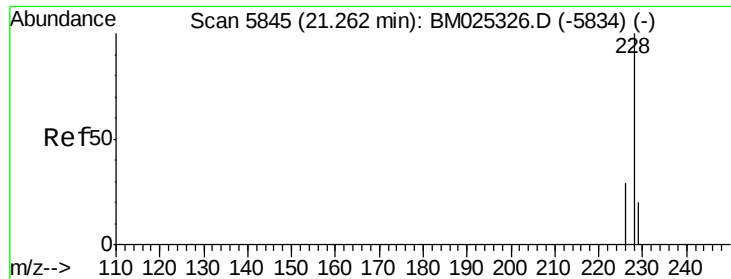
Delta R.T. -0.00 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:	228	Resp:	48645
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.6	25.0
226	28.1	21.9	32.9





#19

Chrysene

Concen: 0.843 ng/ul m

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Instrument :

BNA_M

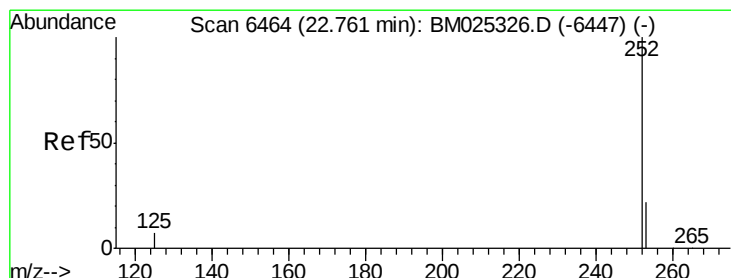
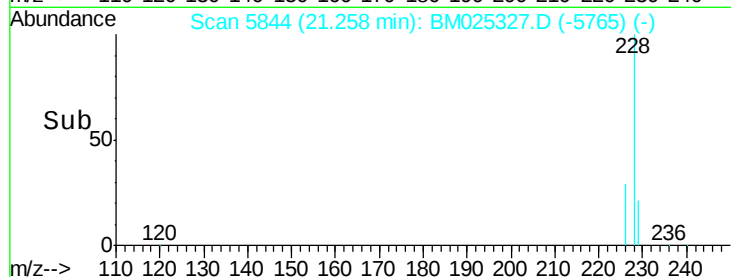
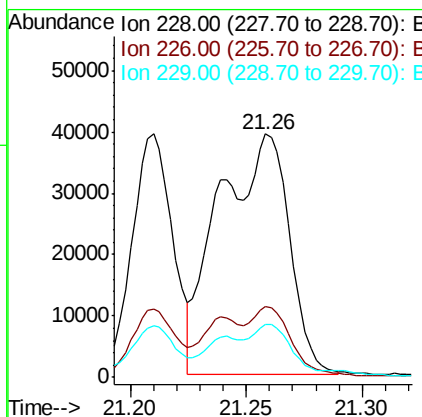
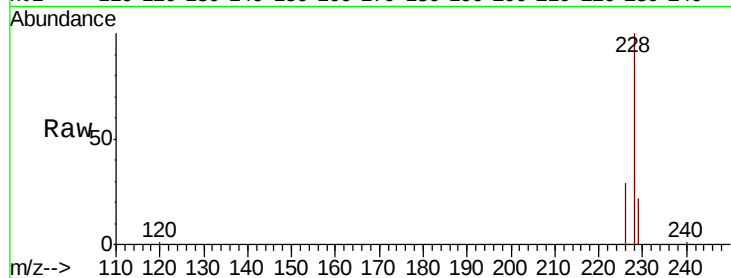
ClientSampleId :

DBDM3

Tot Ion:	228	Resp:	82277
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	21.9	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM



#21

Benzo(b)fluoranthene

Concen: 2.285 ng/ul m

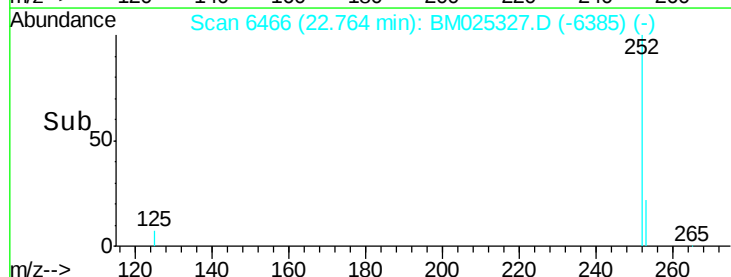
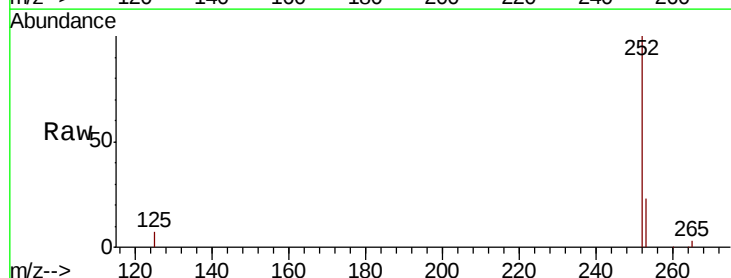
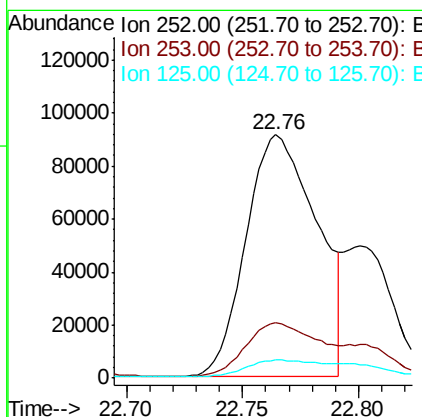
RT: 22.76 min Scan# 6466

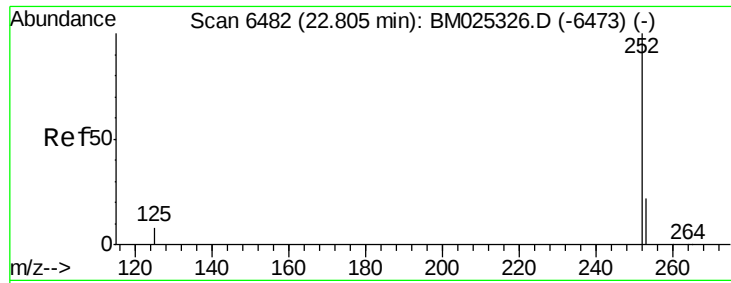
Delta R.T. -0.00 min

Lab File: BM025327.D

Acq: 07 Mar 2020 00:54

Tgt Ion:	252	Resp:	193584
Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	49.8
125	7.4	0.0	28.6





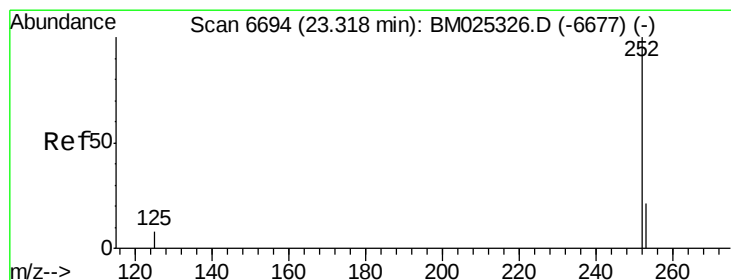
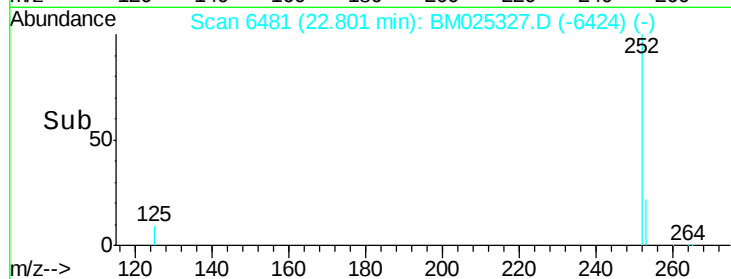
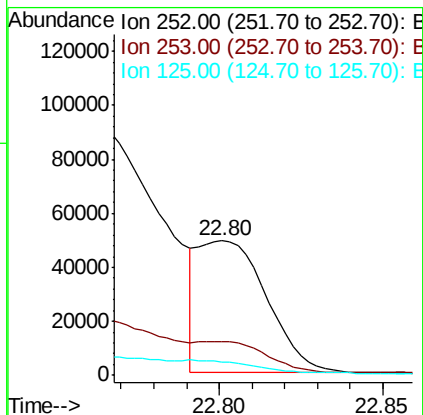
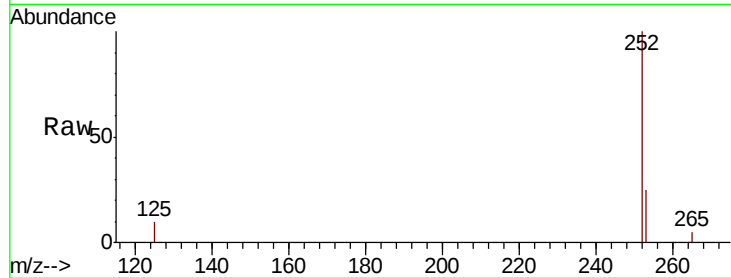
#22
Benzo(k)fluoranthene
Concen: 0.798 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025327.D
Acq: 07 Mar 2020 00:54

Instrument :
BNA_M
ClientSampleId :
DBDM3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.0
125	10.3	10.7	16.1#

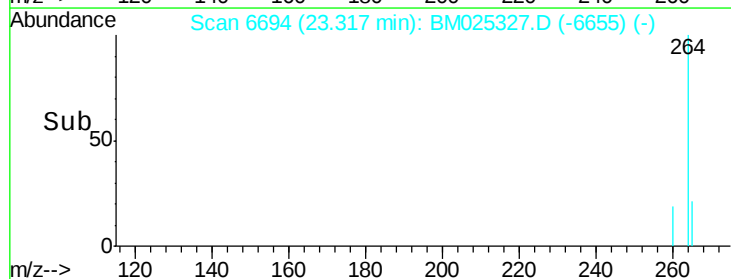
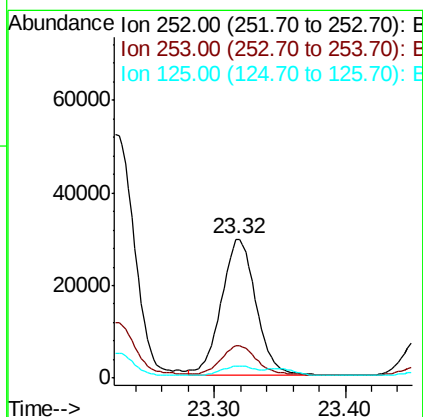
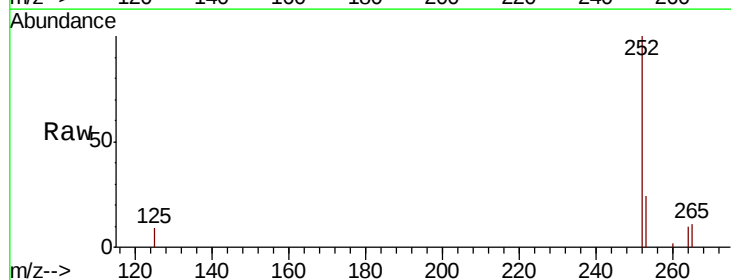
Manual Integrations
APPROVED

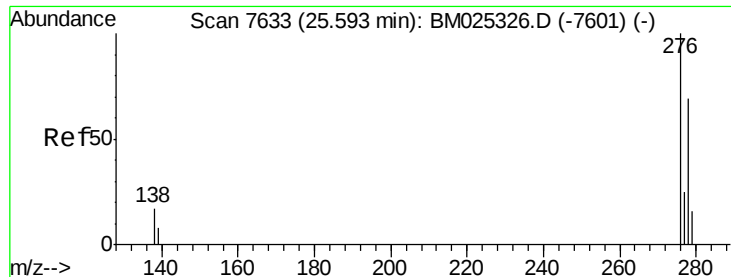
mohammad
3/9/2020 3:00:27 PM



#23
Benzo(a)pyrene
Concen: 0.760 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. -0.01 min
Lab File: BM025327.D
Acq: 07 Mar 2020 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	8.9	13.0	19.4#





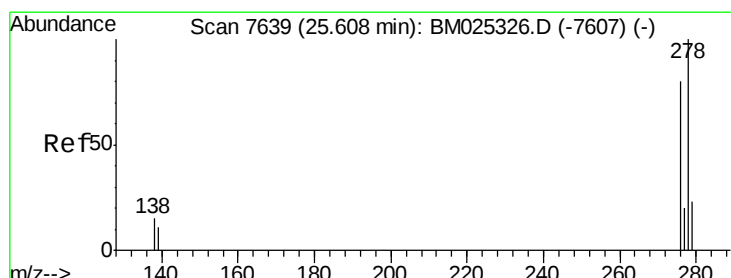
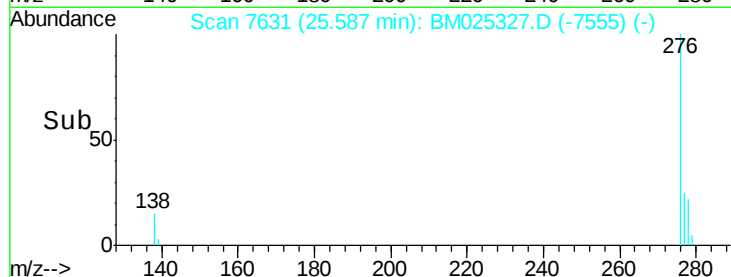
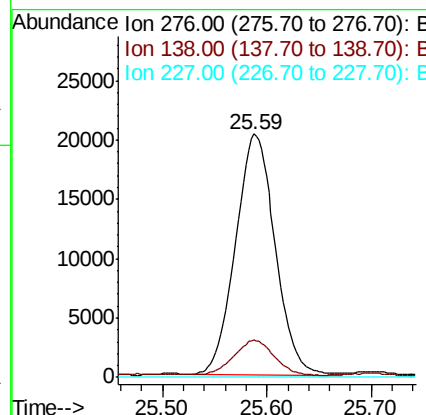
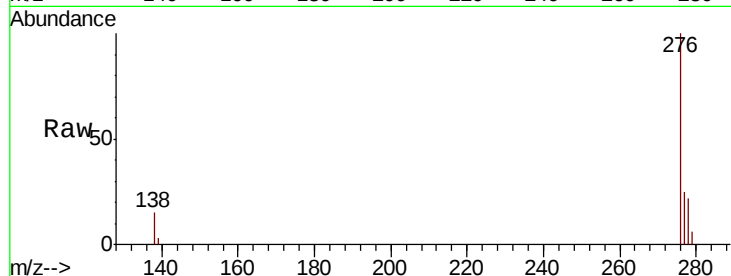
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.605 ng/uL
RT: 25.59 min Scan# 7631
Delta R.T. -0.02 min
Lab File: BM025327.D
Acq: 07 Mar 2020 00:54

Instrument :
BNA_M
ClientSampled :
DBDM3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	0.0	0.0#
227	0.0	0.0	0.0

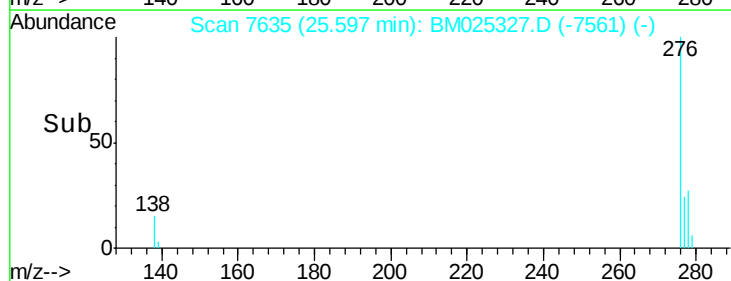
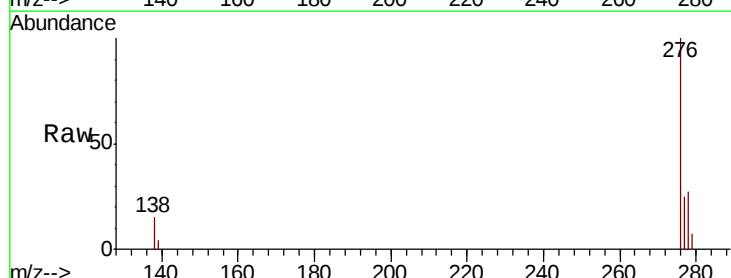
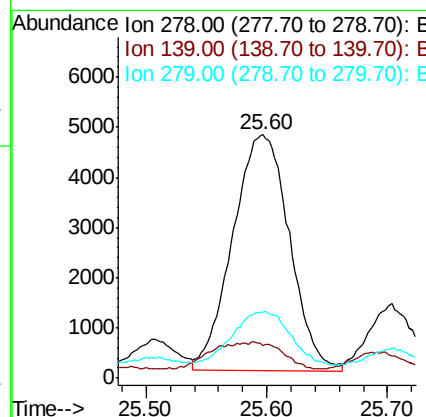
Manual Integrations
APPROVED

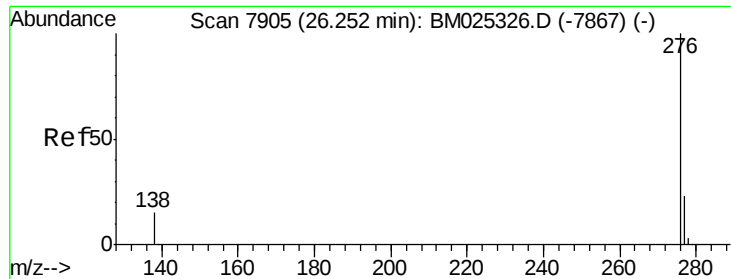
mohammad
3/9/2020 3:00:27 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.209 ng/uL
RT: 25.60 min Scan# 7635
Delta R.T. -0.02 min
Lab File: BM025327.D
Acq: 07 Mar 2020 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	13.2	19.8
279	27.0	21.0	31.4





#26
Benzo(a,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025327.D
Acq: 07 Mar 2020 00:54

Instrument :
BNA_M
ClientSampleId :
DBDM3

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.9	26.9#
277	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:27 PM

