

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025633.D
 Acq On : 18 Mar 2020 17:34
 Operator : CG/JU
 Sample : L1786-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:35:43 PM

Quant Time: Mar 18 18:20:08 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2235	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5687	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12885	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	13396	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	14918	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3111	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8209	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	31176	1.165	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	7765	0.406	ng/ul	100
7) Acenaphthylene	13.94	152	11903	0.512	ng/ul#	87
8) Acenaphthene	14.28	153	28724	1.409	ng/ul	99
9) Fluorene	15.27	166	43697	1.760	ng/ul	100
12) Phenanthrene	17.01	178	484472	11.865	ng/ul	99
13) Anthracene	17.10	178	131749	3.708	ng/ul	99
15) Fluoranthene	19.02	202	743498	16.796	ng/ul	97
17) Pyrene	19.39	202	562605	9.357	ng/ul	98
18) Benzo(a)anthracene	21.14	228	394896	8.245	ng/ul	99
19) Chrysene	21.19	228	344125	6.398	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	451007m	7.635	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	177754m	2.872	ng/ul	
23) Benzo(a)pyrene	23.21	252	299951m	6.115	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	184596	2.774	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	58933	1.053	ng/ul	98
26) Benzo(a,h,i)perylene	26.08	276	120523	2.088	ng/ul	98

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

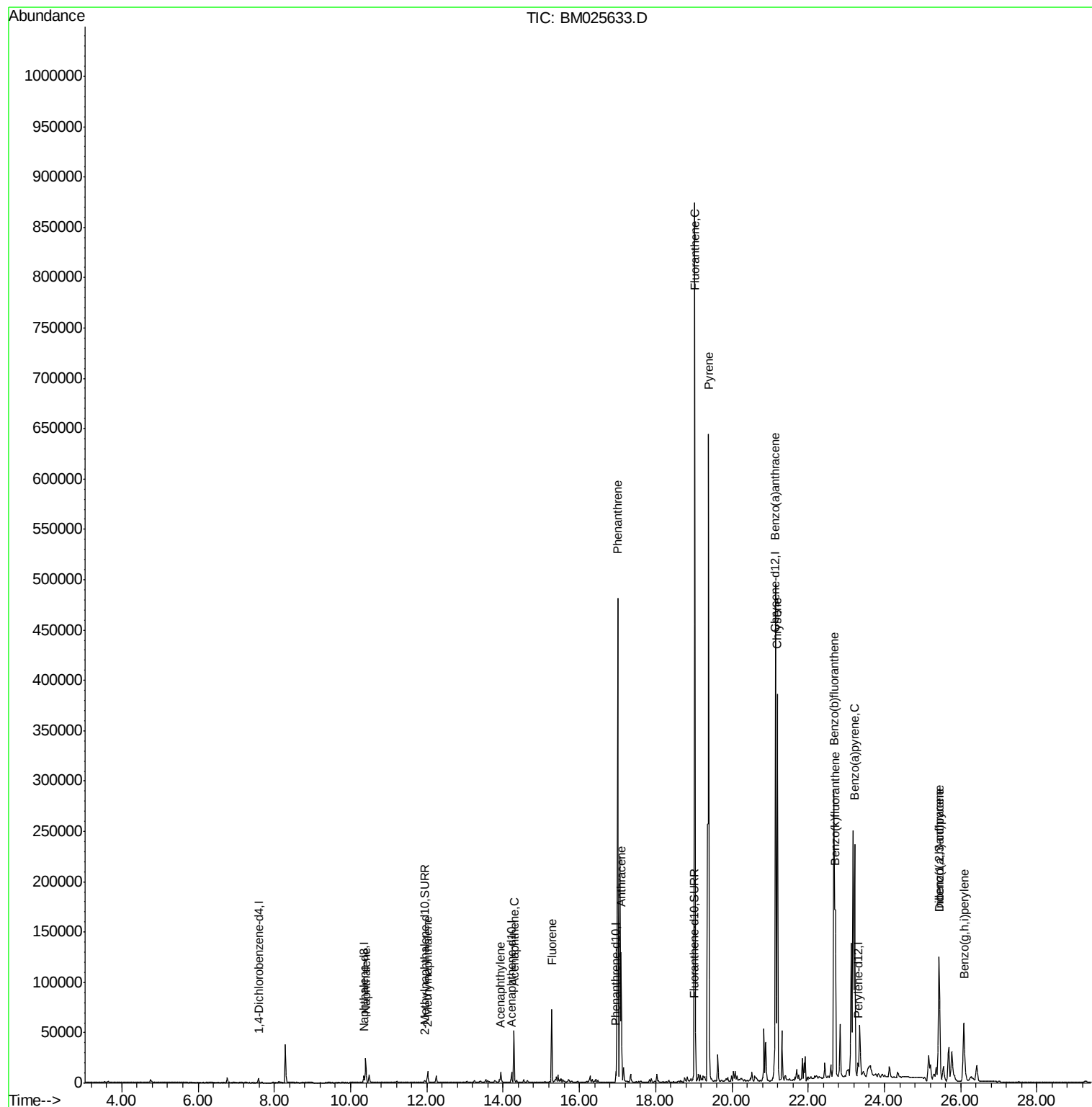
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

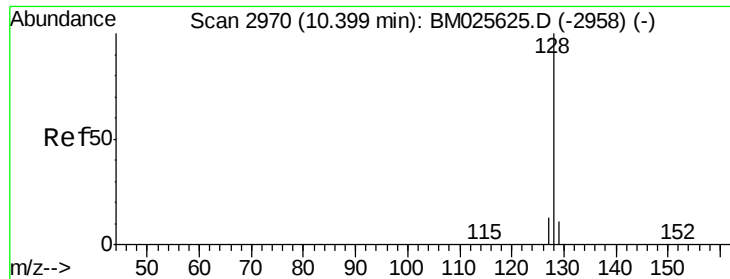
Instrument :
BNA_M
ClientSampleId :
C0AC7

Quant Time: Mar 18 18:20:08 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 : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:43 PM





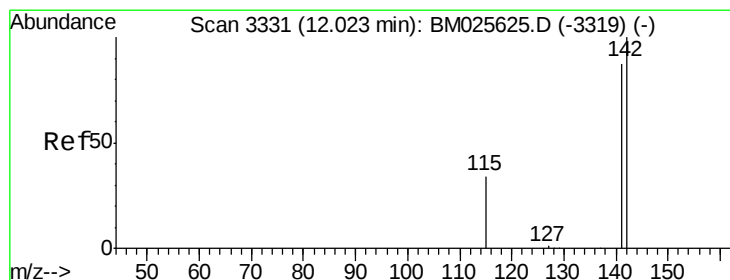
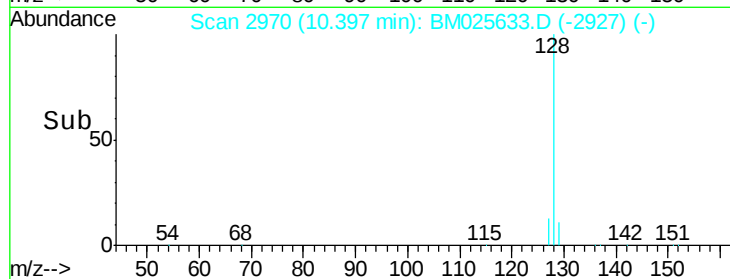
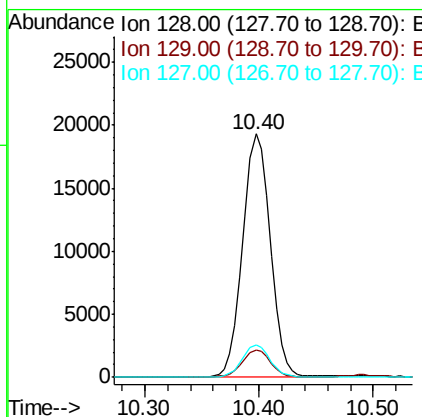
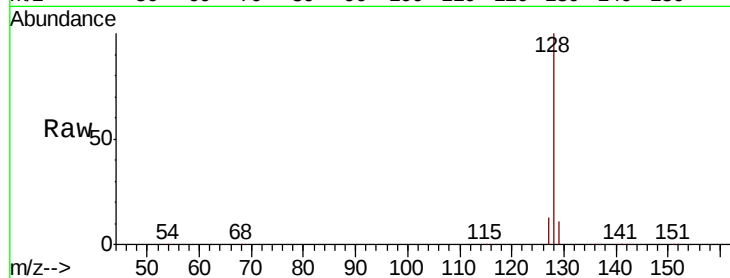
#3
Naphthalene
Concen: 1.165 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.1	10.9	16.3

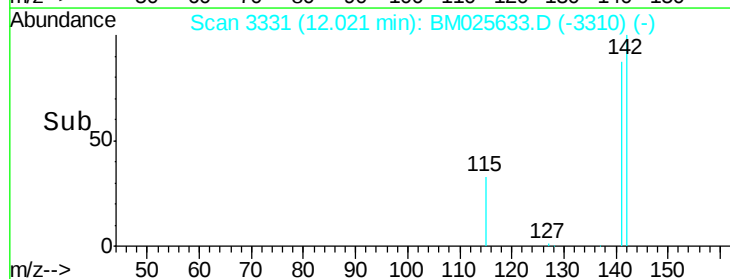
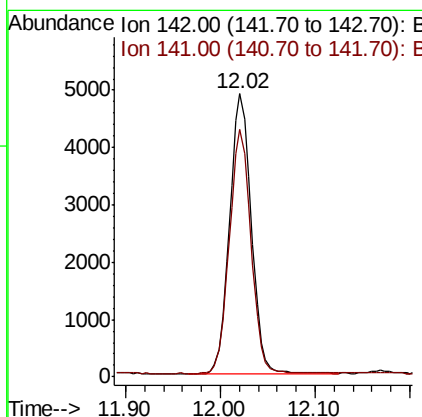
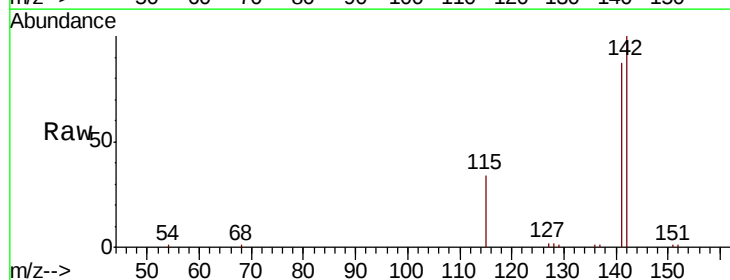
Manual Integrations
APPROVED

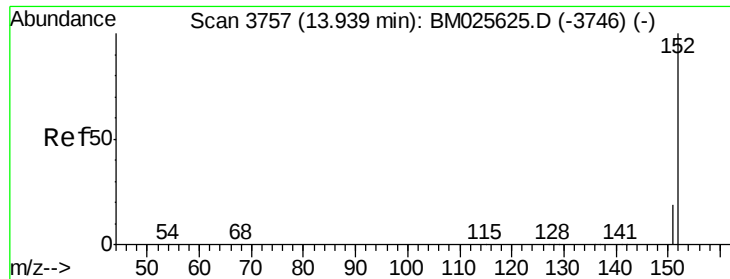
mohammad
3/19/2020 12:35:43 PM



#5
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.512 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

Instrument :

BNA_M

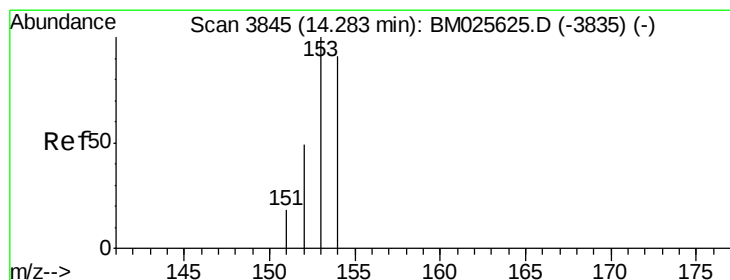
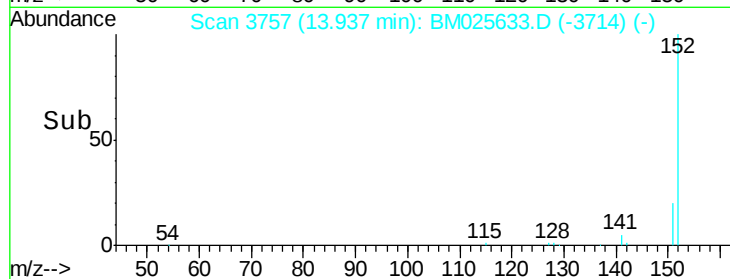
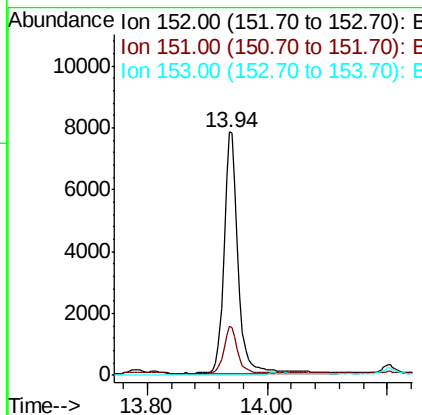
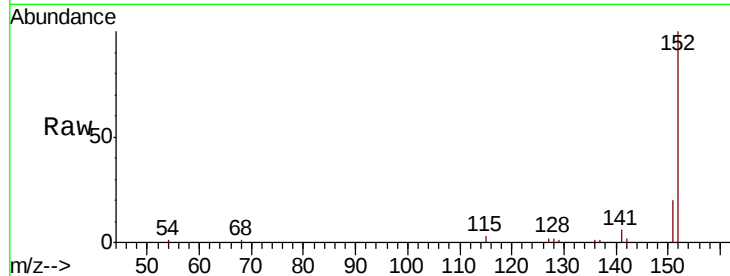
ClientSampleId :

C0AC7

Tot Ion:	152	Resp:	11903
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	0.0	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:43 PM



#8

Acenaphthene

Concen: 1.409 ng/ul

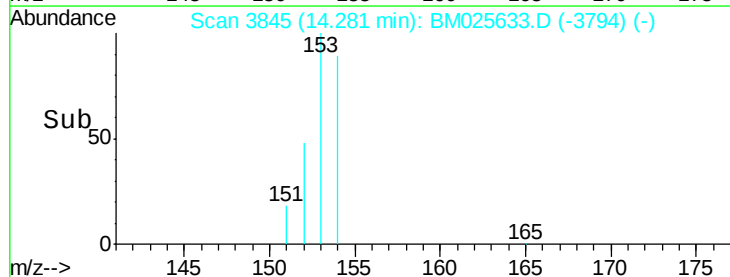
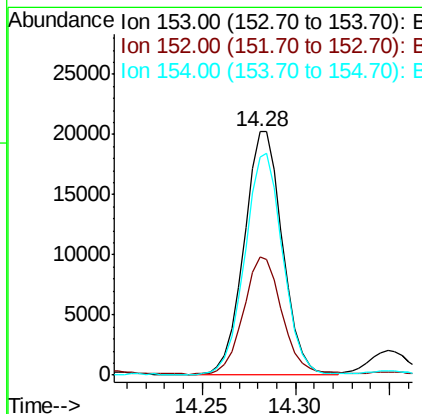
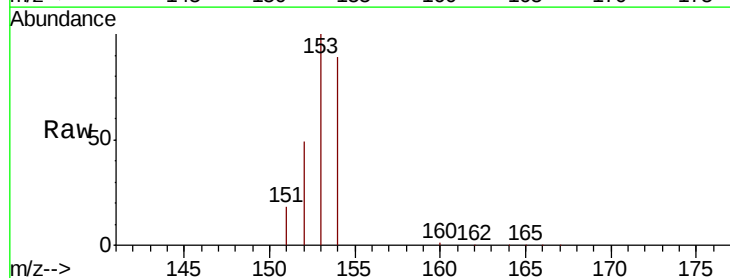
RT: 14.28 min Scan# 3845

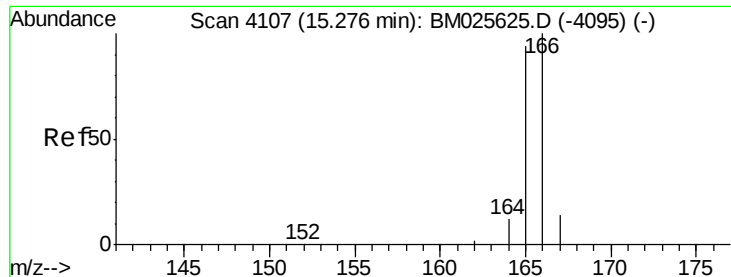
Delta R.T. -0.01 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

Tgt Ion:	153	Resp:	28724
Ion Ratio	Lower	Upper	
153	100		
152	48.7	39.5	59.3
154	89.3	71.7	107.5





#9

Fluorene

Concen: 1.760 ng/ul

RT: 15.27 min Scan# 4107

Delta R.T. -0.00 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

Instrument :

BNA_M

ClientSampleId :

C0AC7

Tot Ion:166 Resp: 43697

Ion Ratio Lower Upper

166 100

165 95.7 76.8 115.2

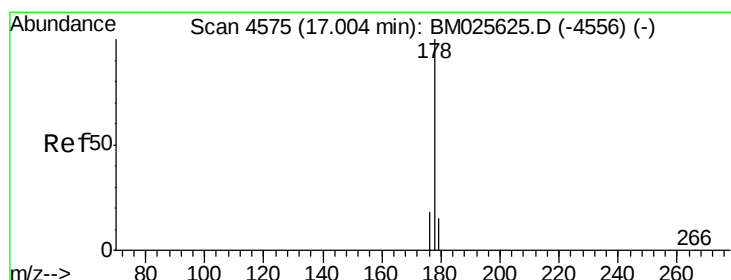
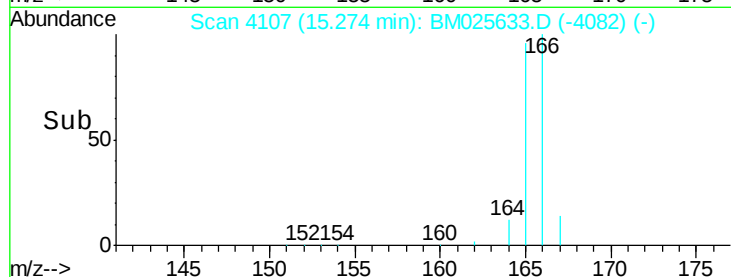
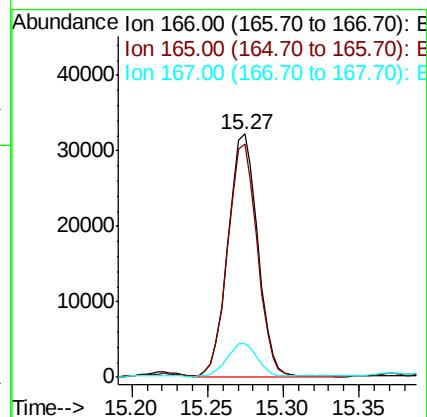
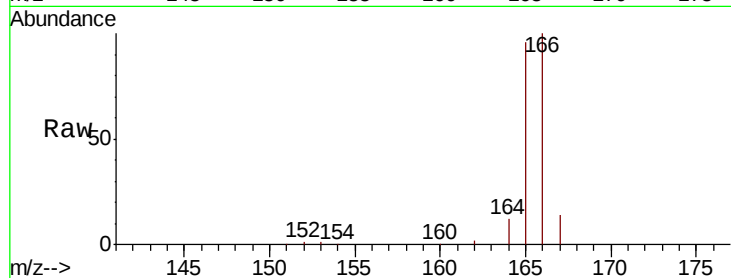
167 14.0 11.2 16.8

Manual Integrations

APPROVED

mohammad

3/19/2020 12:35:43 PM



#12

Phenanthrene

Concen: 11.865 ng/ul

RT: 17.01 min Scan# 4576

Delta R.T. -0.00 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

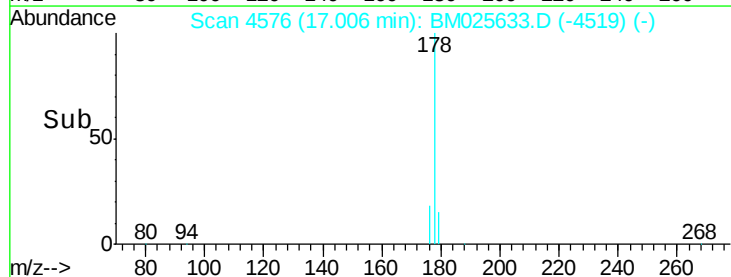
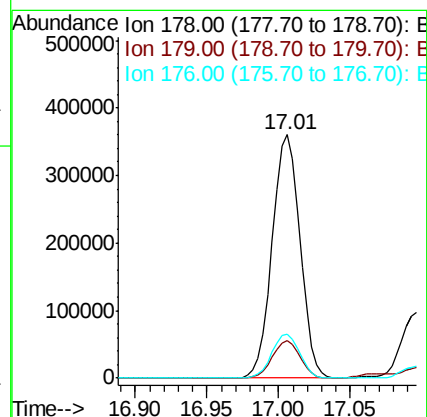
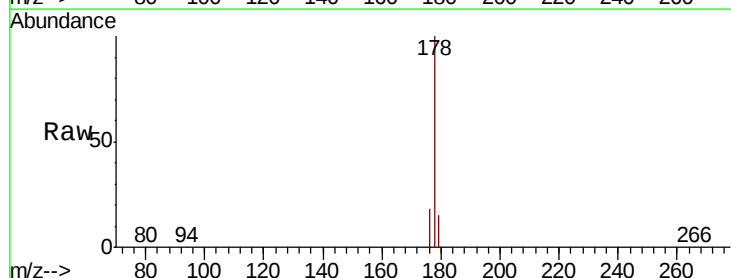
Tgt Ion:178 Resp: 484472

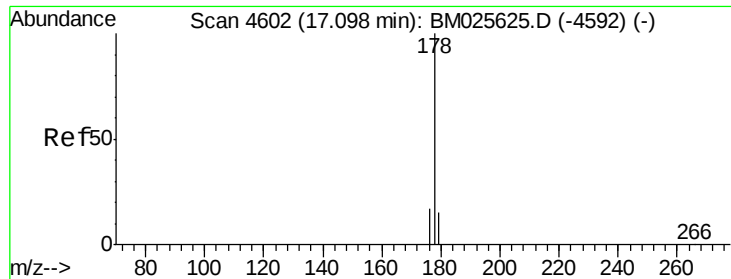
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.0 14.8 22.2





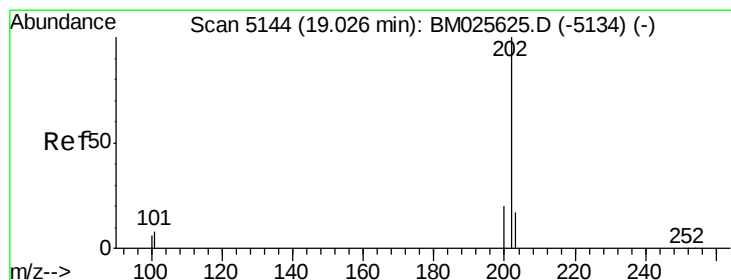
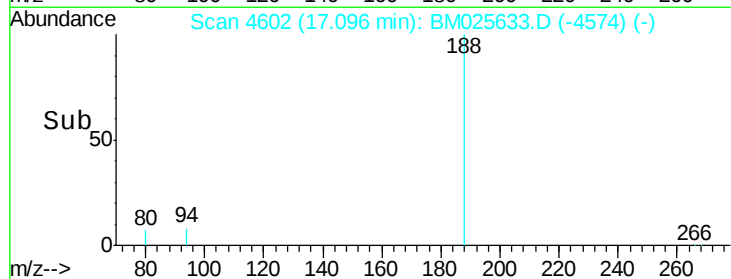
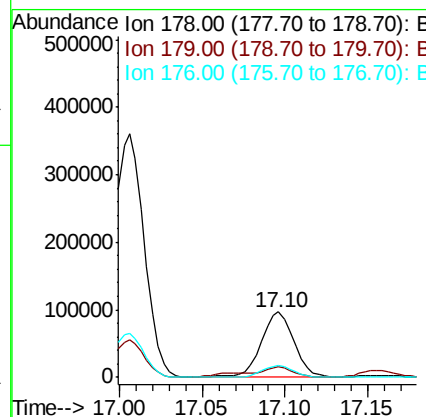
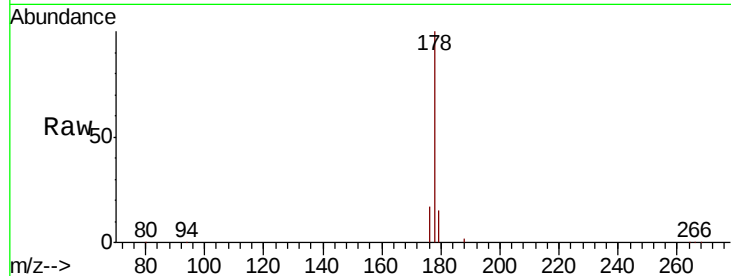
#13
 Anthracene
 Concen: 3.708 ng/ul
 RT: 17.10 min Scan# 4602
 Delta R.T. -0.00 min
 Lab File: BM025633.D
 Acq: 18 Mar 2020 17:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	17.4	14.5	21.7

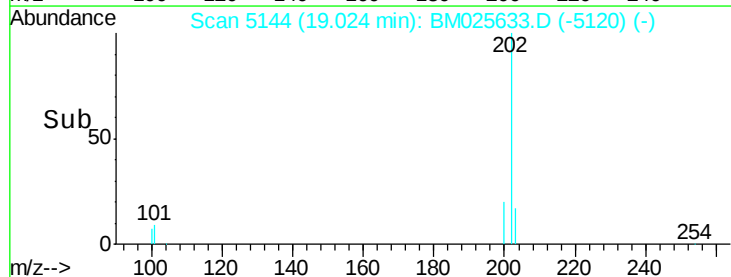
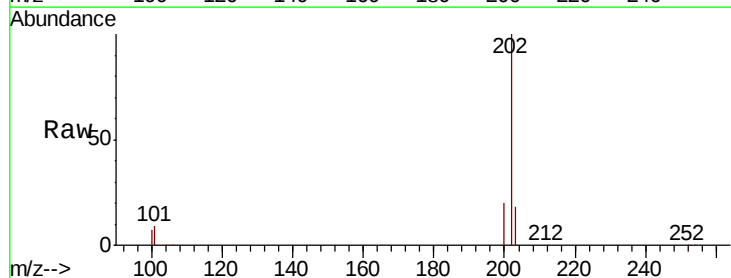
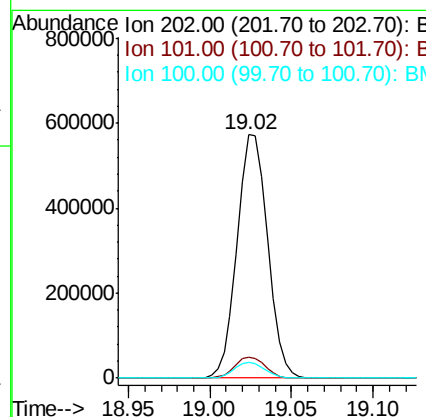
Manual Integrations
 APPROVED

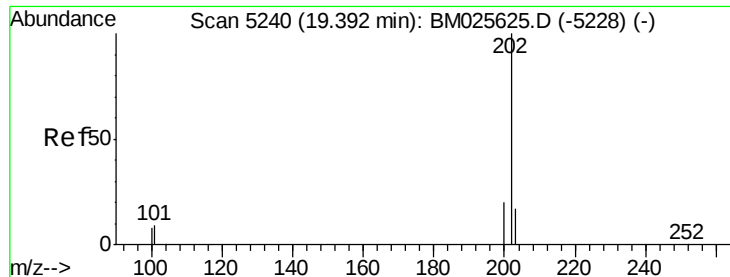
mohammad
 3/19/2020 12:35:43 PM



#15
 Fluoranthene
 Concen: 16.796 ng/ul
 RT: 19.02 min Scan# 5144
 Delta R.T. -0.01 min
 Lab File: BM025633.D
 Acq: 18 Mar 2020 17:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.7	0.0	26.0





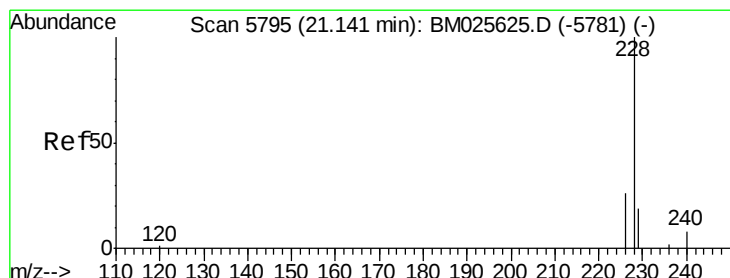
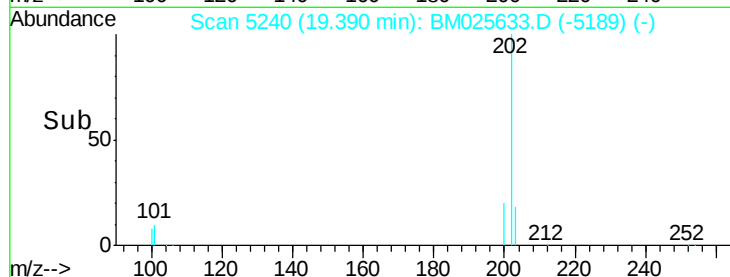
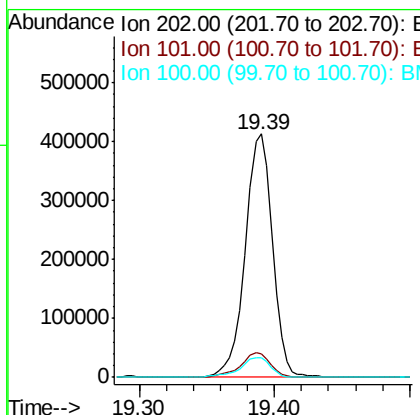
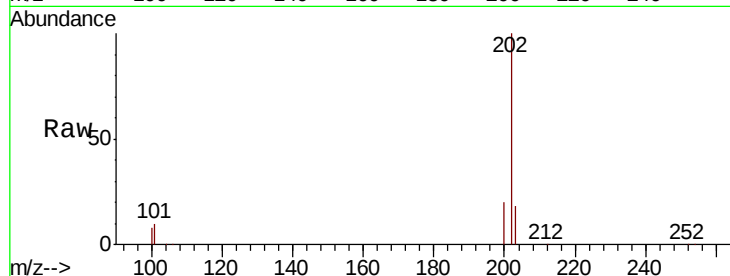
#17
Pvrene
Concen: 9.357 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	7.1	10.7
100	7.9	6.0	9.0

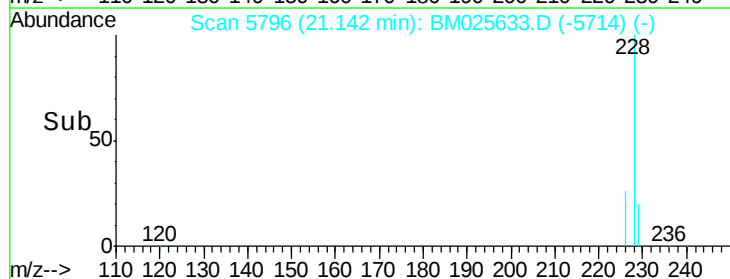
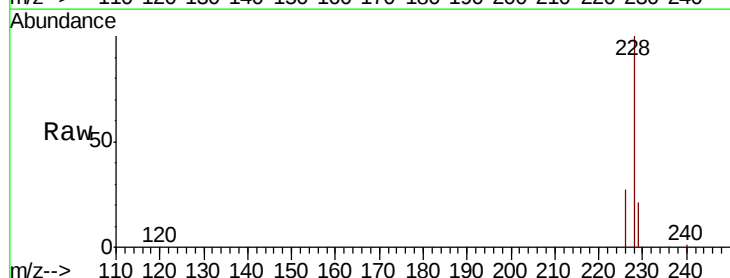
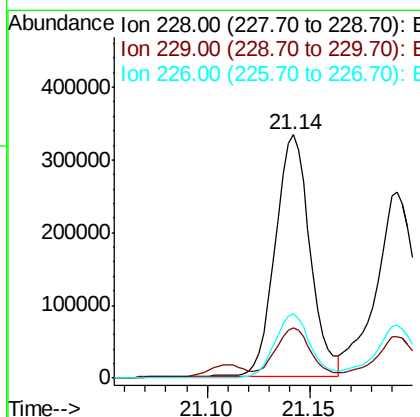
Manual Integrations
APPROVED

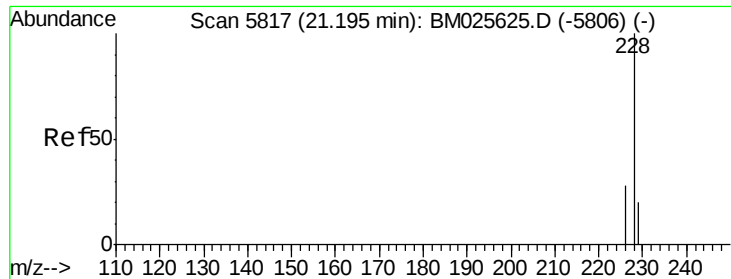
mohammad
3/19/2020 12:35:43 PM



#18
Benzo(a)anthracene
Concen: 8.245 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.6	23.4
226	26.5	21.1	31.7





#19

Chrysene

Concen: 6.398 ng/ul

RT: 21.19 min Scan# 5817

Delta R.T. -0.01 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

Instrument :

BNA_M

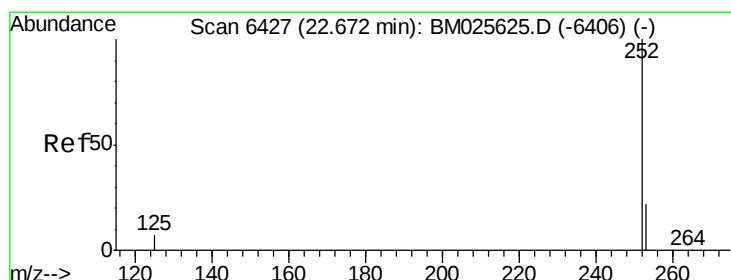
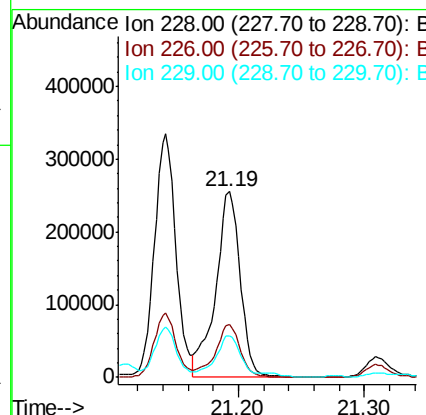
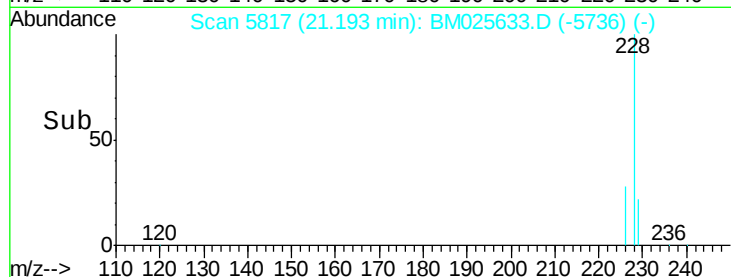
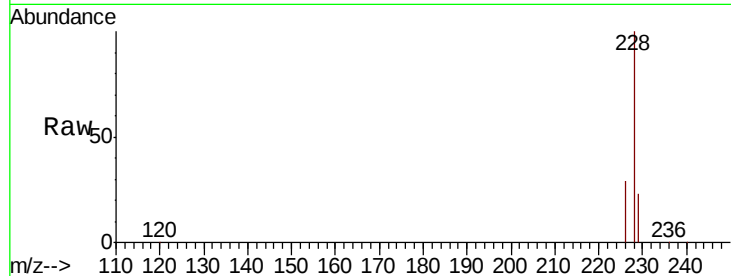
ClientSampleId :

C0AC7

Tot Ion:	228	Resp:	344125
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.6	35.4
229	22.6	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:43 PM



#21

Benzo(b)fluoranthene

Concen: 7.635 ng/ul m

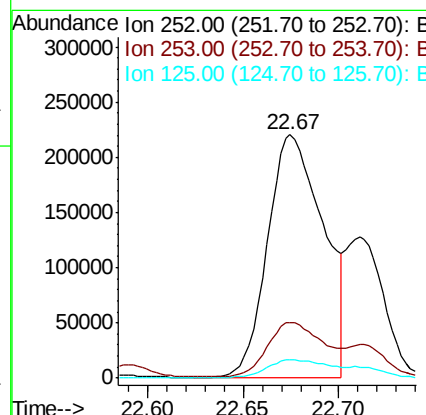
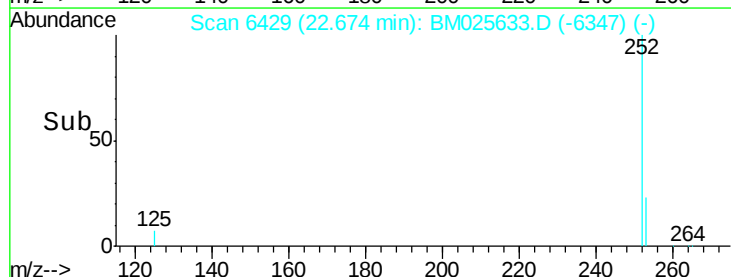
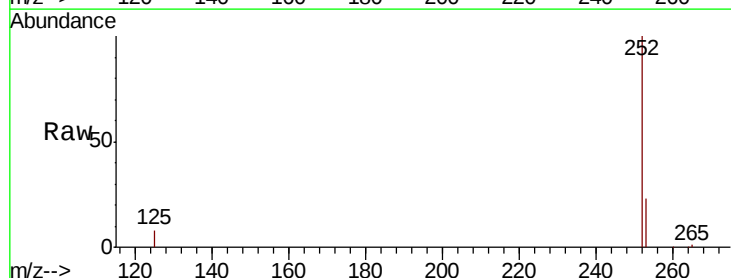
RT: 22.67 min Scan# 6429

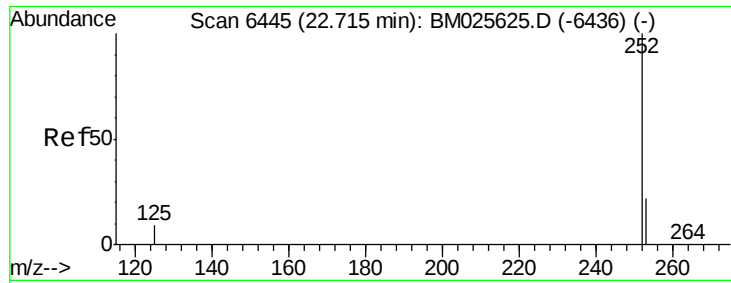
Delta R.T. -0.00 min

Lab File: BM025633.D

Acq: 18 Mar 2020 17:34

Tgt Ion:	252	Resp:	451007
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	50.2
125	7.6	0.0	17.6





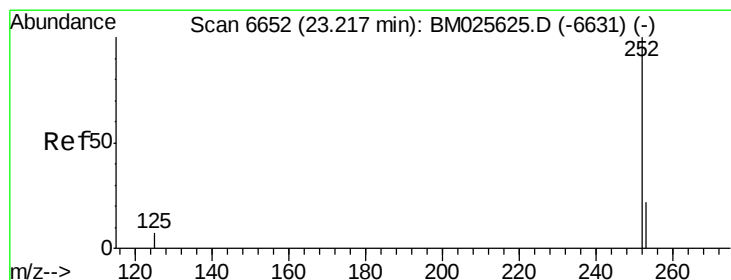
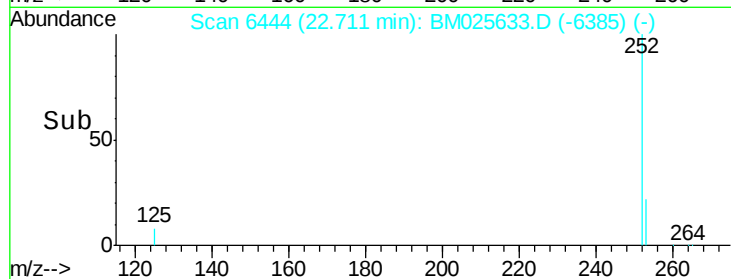
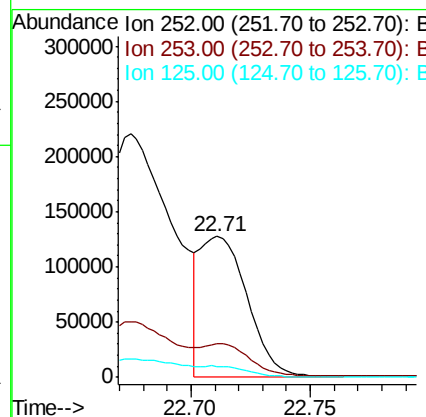
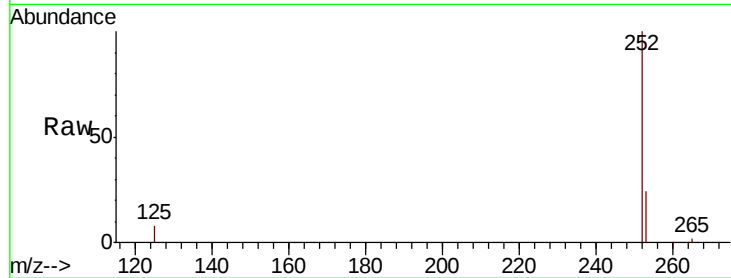
#22
Benzo(k)fluoranthene
Concen: 2.872 ng/ul m
RT: 22.71 min Scan# 6444
Delta R.T. -0.01 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Instrument :
BNA_M
ClientSampled :
C0AC7

Tot Ion	Ratio	Resp	Lower	Upper
252	100	177754		
253	24.0	19.8	29.8	
125	8.0	7.1	10.7	

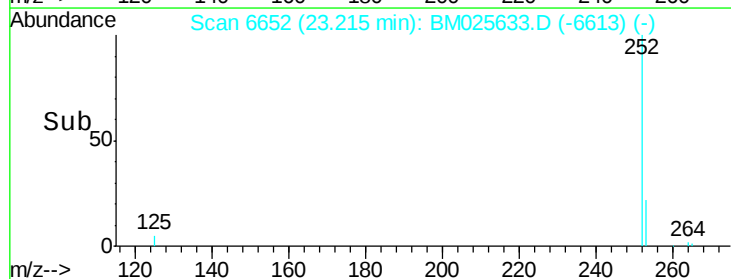
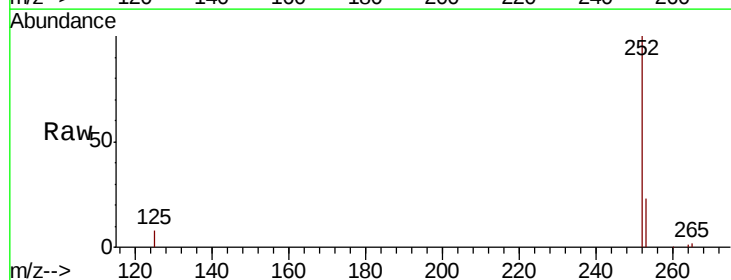
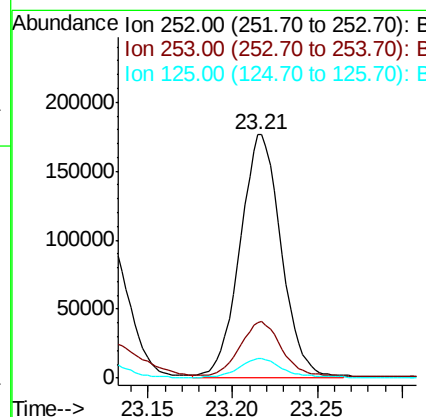
Manual Integrations
APPROVED

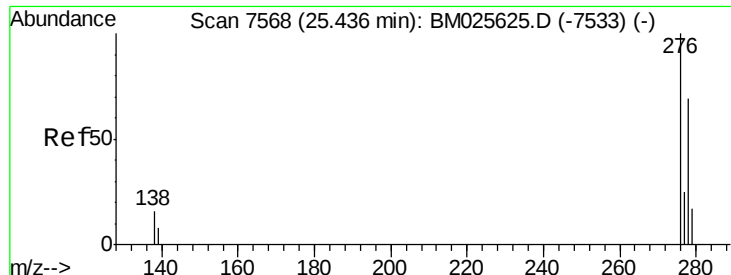
mohammad
3/19/2020 12:35:43 PM



#23
Benzo(a)pyrene
Concen: 6.115 ng/ul m
RT: 23.21 min Scan# 6652
Delta R.T. -0.01 min
Lab File: BM025633.D
Acq: 18 Mar 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	299951		
253	22.9	21.3	31.9	
125	8.0	8.5	12.7	





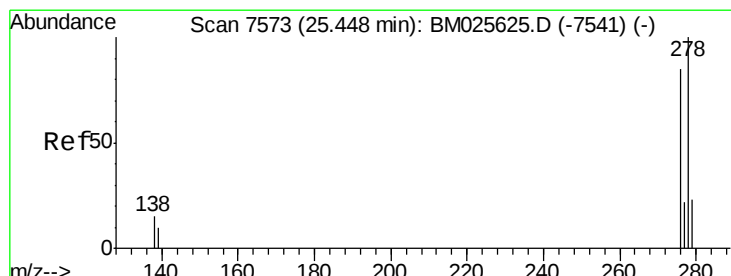
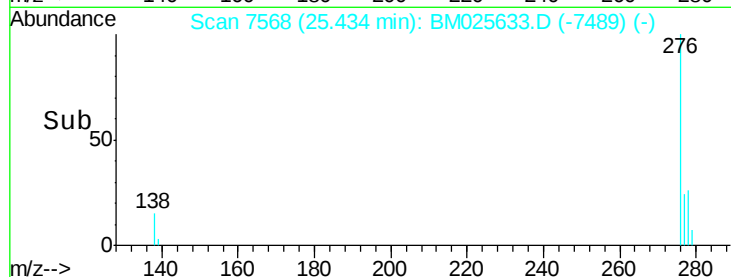
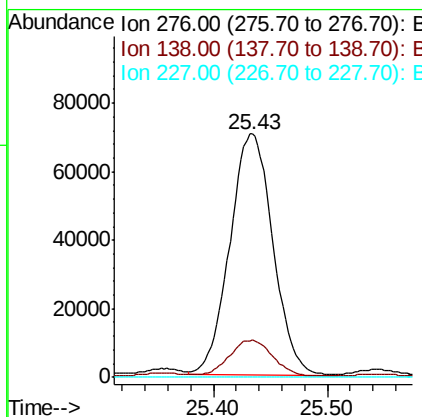
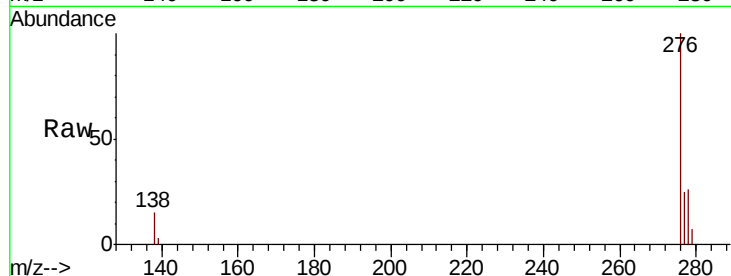
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.774 ng/ul
 RT: 25.43 min Scan# 7568
 Delta R.T. -0.01 min
 Lab File: BM025633.D
 Acq: 18 Mar 2020 17:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.3	18.5
227	0.0	0.0	0.0

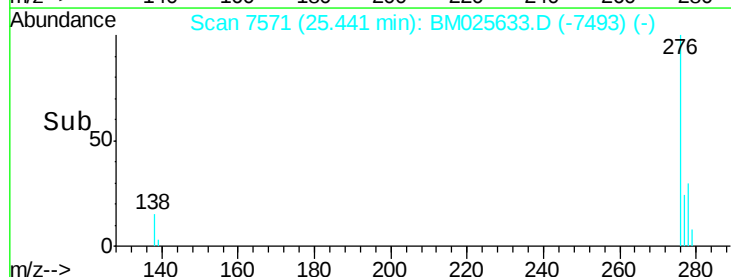
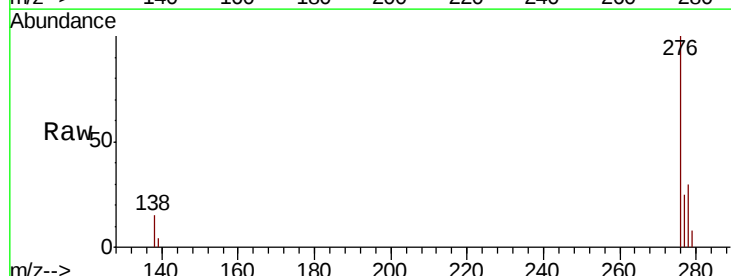
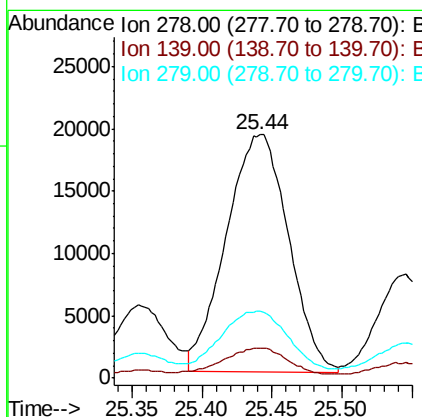
Manual Integrations
 APPROVED

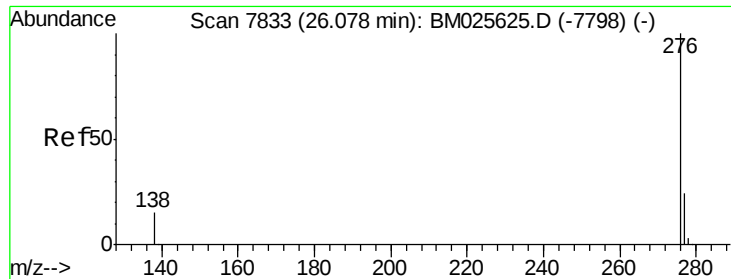
mohammad
 3/19/2020 12:35:43 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.053 ng/ul
 RT: 25.44 min Scan# 7571
 Delta R.T. -0.01 min
 Lab File: BM025633.D
 Acq: 18 Mar 2020 17:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.0	13.6
279	27.4	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 2.088 ng/ul
 RT: 26.08 min Scan# 7835
 Delta R.T. -0.01 min
 Lab File: BM025633.D
 Acq: 18 Mar 2020 17:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion:	276	Resp:	120523
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.0	16.4
277	24.2	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:35:43 PM

