

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025630.D
 Acq On : 18 Mar 2020 15:45
 Operator : CG/JU
 Sample : L1786-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:35:38 PM

Quant Time: Mar 18 16:22:00 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	7.58	152	2958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	12533	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	7981	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18595	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	21781	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	28484	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4229	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	11198	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	35271	0.951	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	11542	0.435	ng/ul	100
7) Acenaphthylene	13.94	152	12912	0.396	ng/ul#	87
8) Acenaphthene	14.28	153	100748	3.523	ng/ul	99
9) Fluorene	15.27	166	80623	2.313	ng/ul	100
12) Phenanthrene	17.01	178	2055367	34.879	ng/ul	99
13) Anthracene	17.10	178	522783	10.194	ng/ul	99
15) Fluoranthene	19.03	202	5272428	82.535	ng/ul	97
17) Pyrene	19.40	202	4708589	48.164	ng/ul	97
18) Benzo(a)anthracene	21.15	228	3384815	43.466	ng/ul	98
19) Chrysene	21.20	228	3192004	36.502	ng/ul	96
21) Benzo(b)fluoranthene	22.68	252	4044969m	35.862	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	1769394m	14.972	ng/ul	
23) Benzo(a)pyrene	23.23	252	3135016m	33.471	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.45	276	1875591	14.760	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.45	278	548360	5.130	ng/ul	99
26) Benzo(a,h,i)perylene	26.10	276	1424522	12.923	ng/ul	98

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

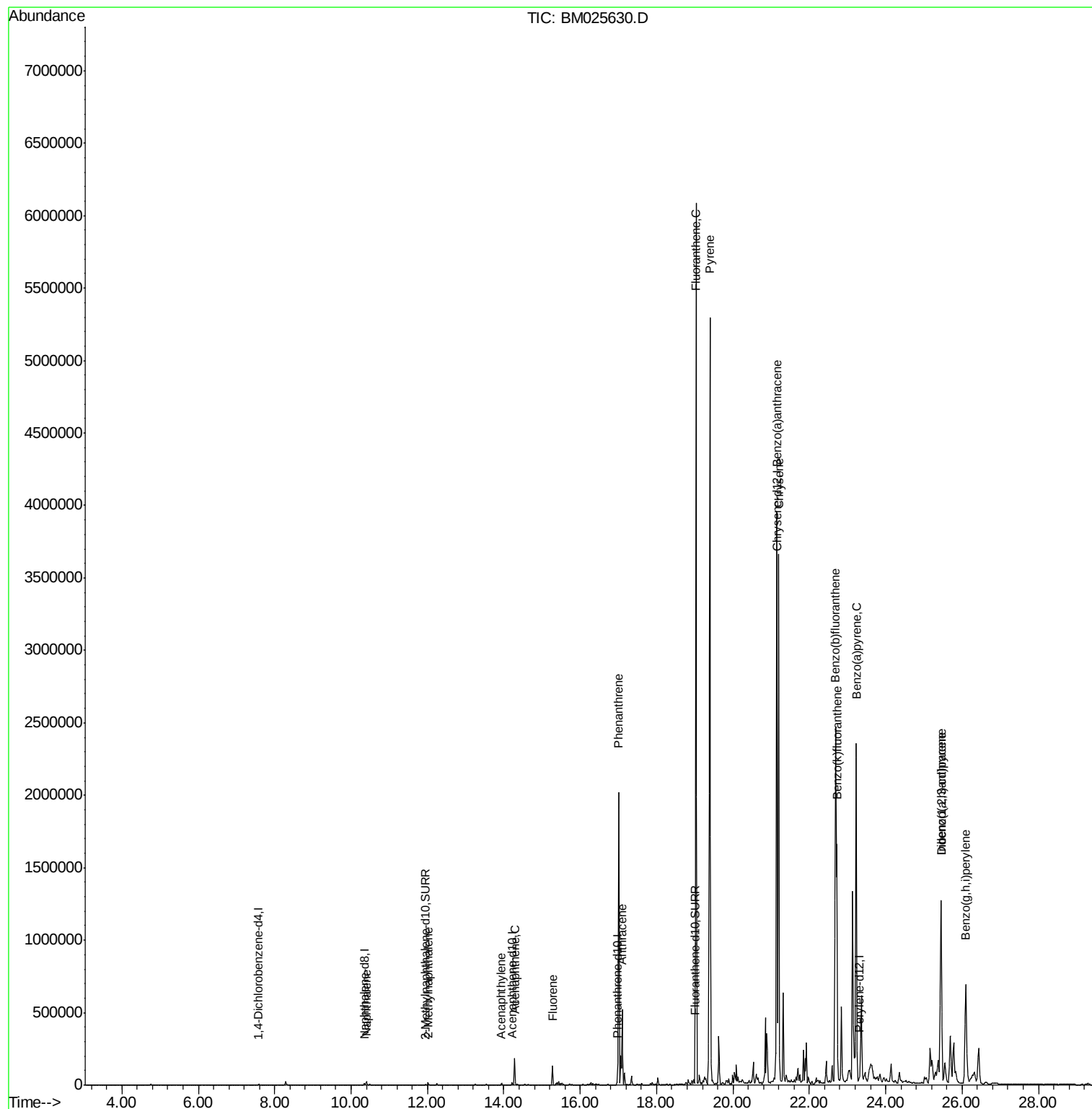
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025630.D
Acq On : 18 Mar 2020 15:45
Operator : CG/JU
Sample : L1786-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

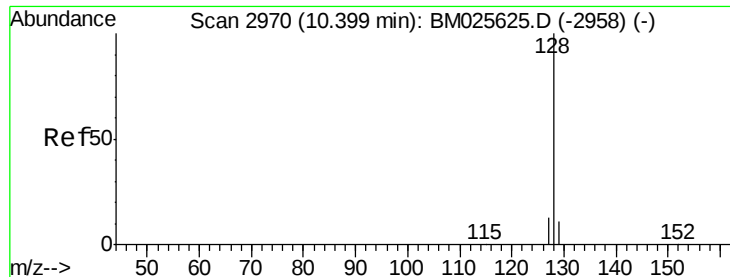
Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:38 PM

Quant Time: Mar 18 16:22:00 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





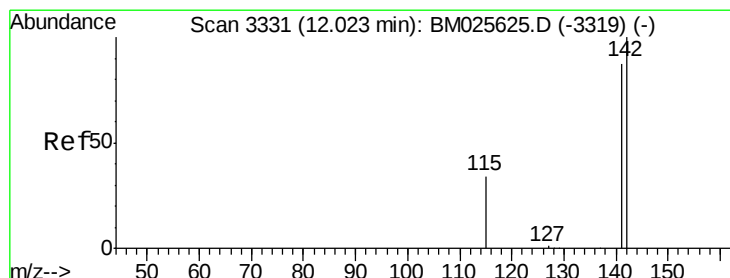
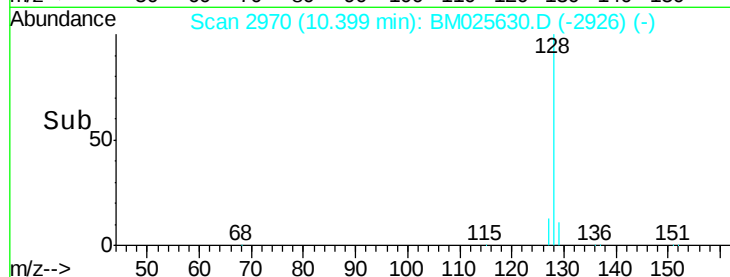
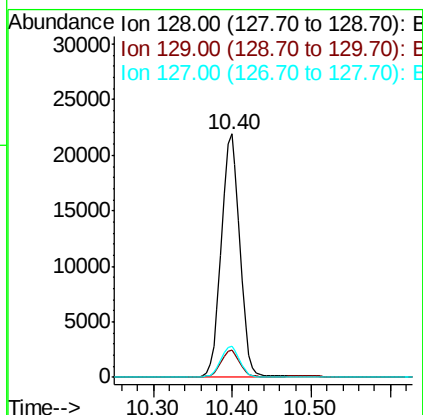
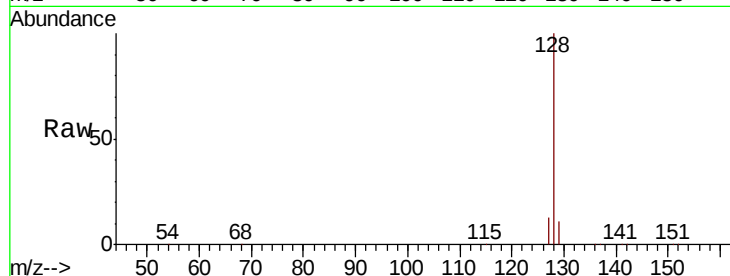
#3
Naphthalene
Concen: 0.951 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	12.8	10.9	16.3

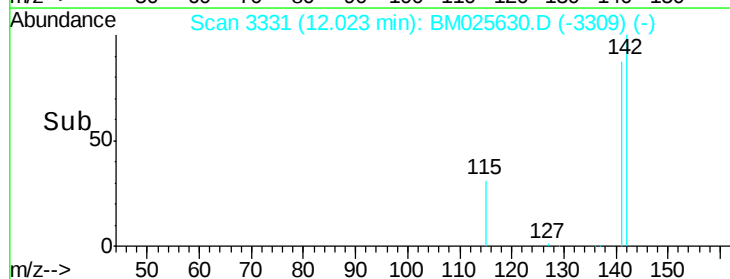
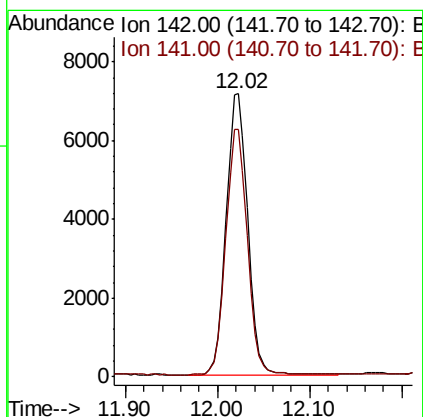
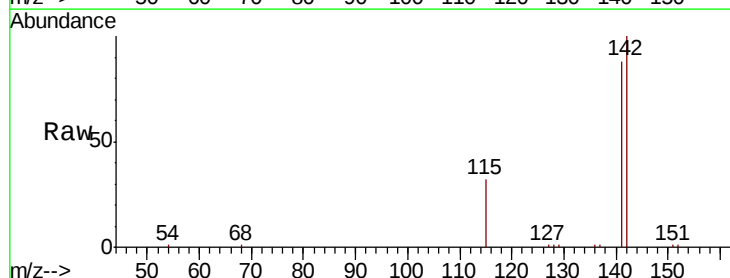
Manual Integrations
APPROVED

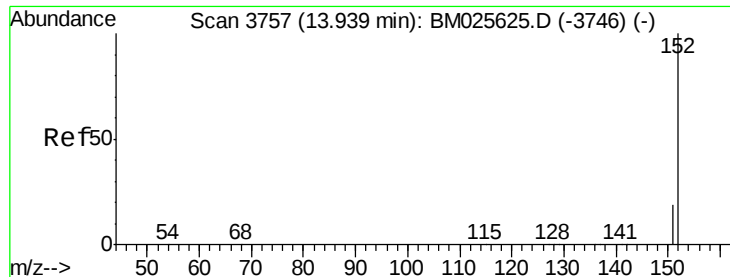
mohammad
3/19/2020 12:35:38 PM



#5
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.396 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Instrument :

BNA_M

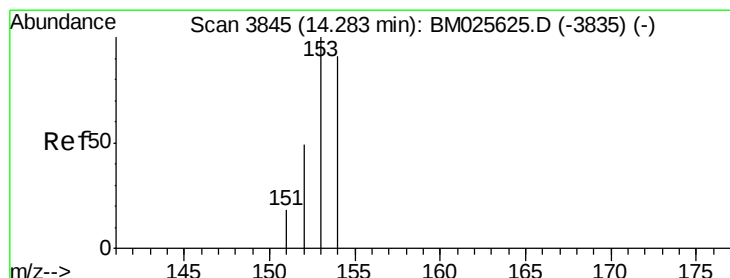
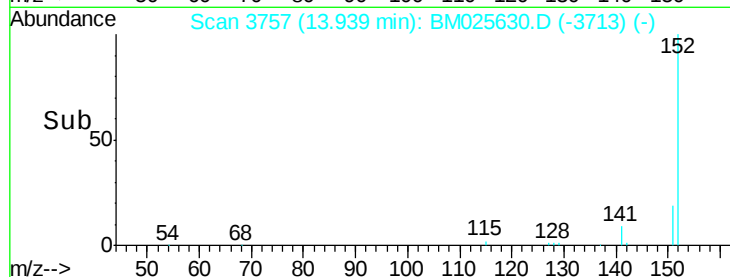
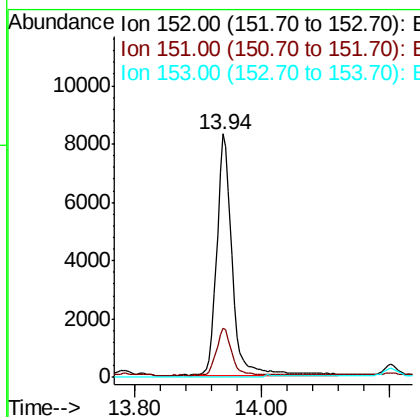
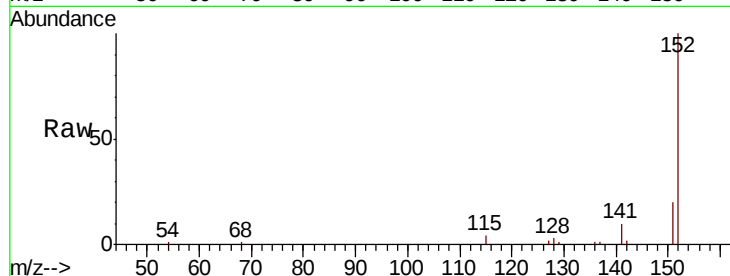
ClientSampleId :

C0AC4

Tot Ion:	152	Resp:	12912
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	0.0	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:38 PM



#8

Acenaphthene

Concen: 3.523 ng/ul

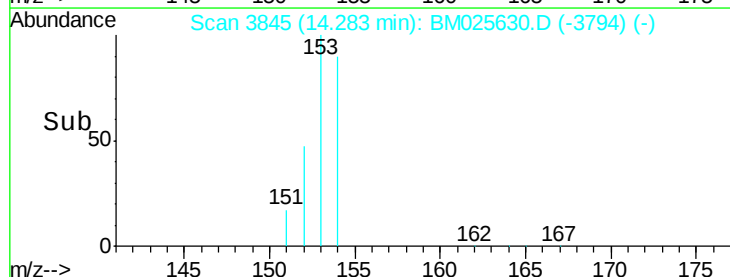
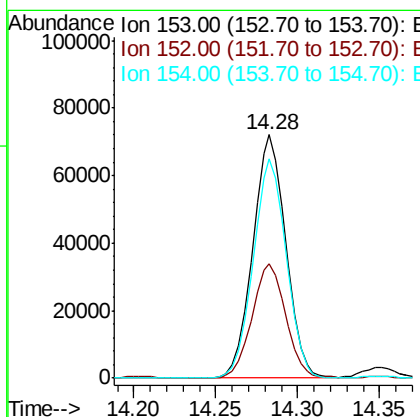
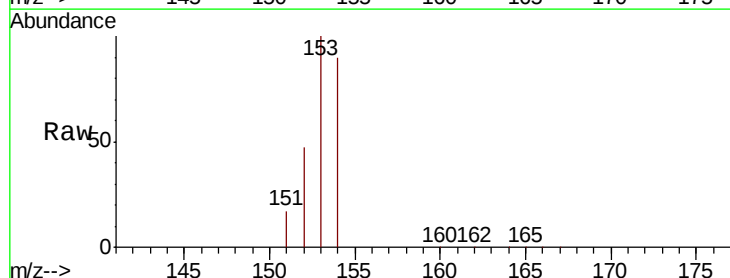
RT: 14.28 min Scan# 3845

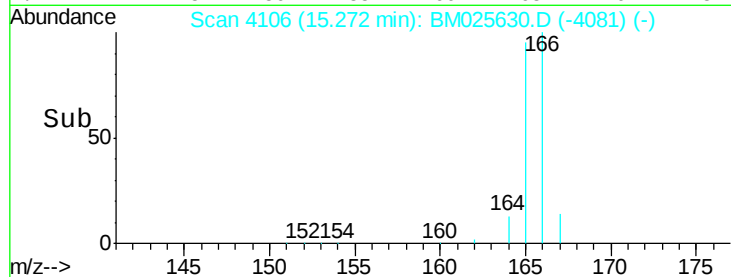
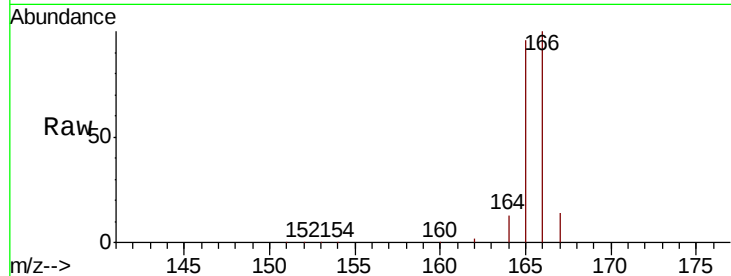
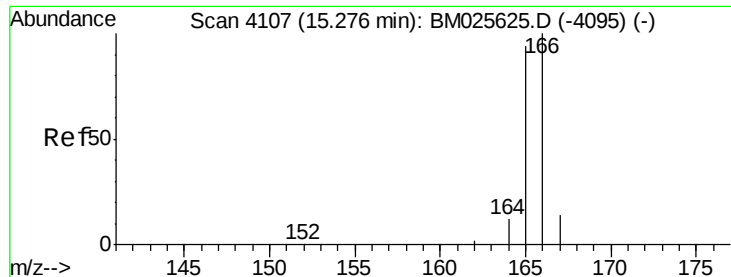
Delta R.T. -0.01 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Tgt Ion:	153	Resp:	100748
Ion Ratio	Lower	Upper	
153	100		
152	47.1	39.5	59.3
154	90.0	71.7	107.5





#9

Fluorene

Concen: 2.313 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Tot Ion:	166	Resp:	80623
Ion Ratio	Lower	Upper	
166	100		
165	95.6	76.8	115.2
167	14.0	11.2	16.8

Instrument :

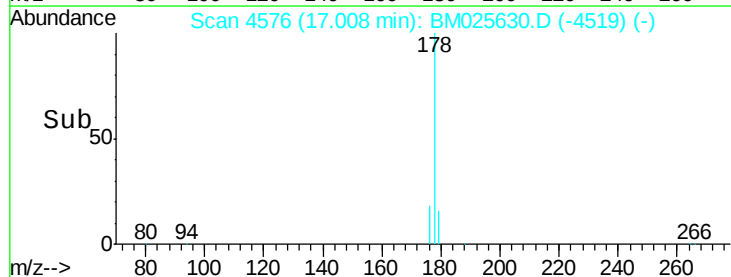
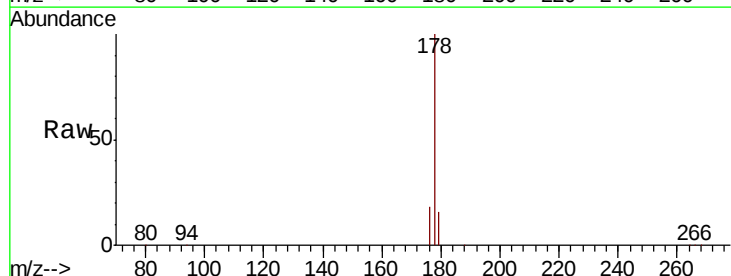
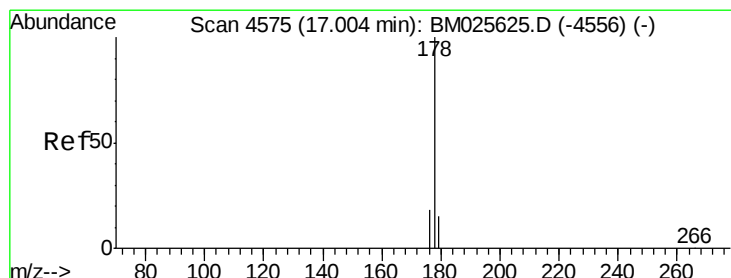
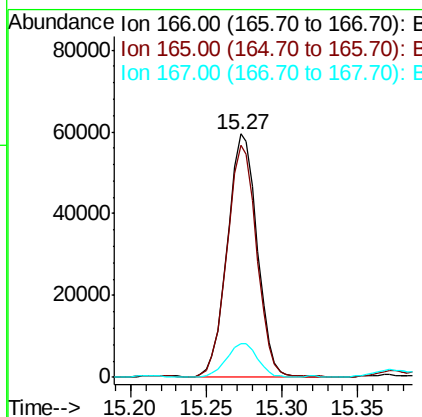
BNA_M

ClientSampleId :

C0AC4

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:38 PM



#12

Phenanthrene

Concen: 34.879 ng/ul

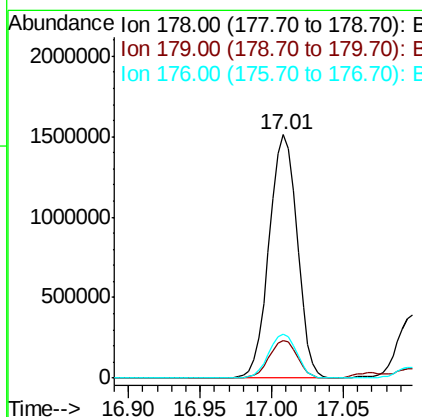
RT: 17.01 min Scan# 4576

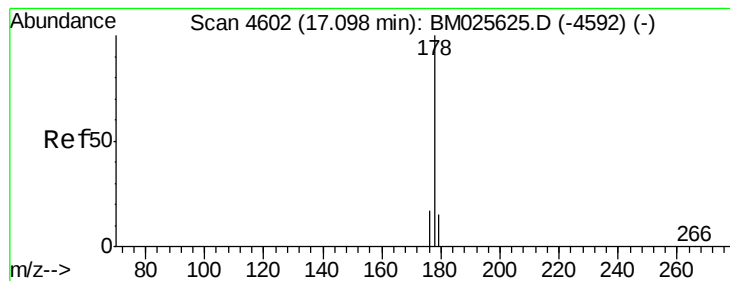
Delta R.T. -0.00 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Tgt Ion:	178	Resp:	2055367
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.1	14.8	22.2





#13

Anthracene

Concen: 10.194 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Instrument :

BNA_M

ClientSampleId :

C0AC4

Tot Ion:178 Resp: 522783

Ion Ratio Lower Upper

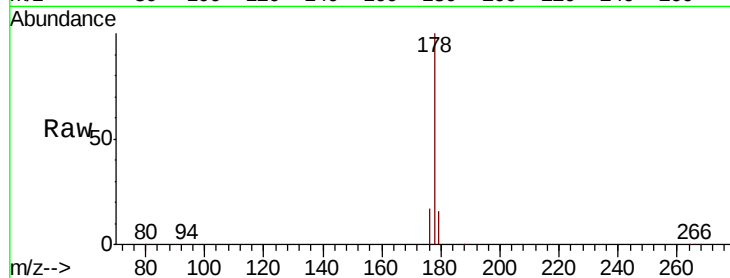
178 100

179 16.0 12.6 18.8

176 17.4 14.5 21.7

Manual Integrations
APPROVED

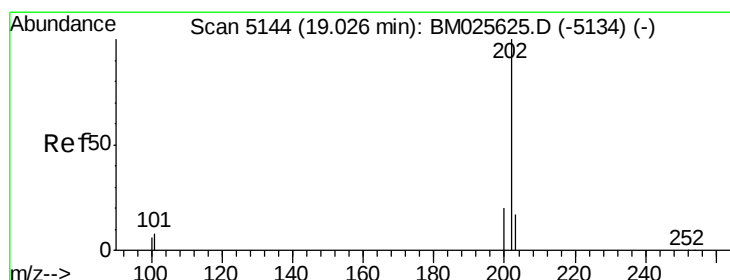
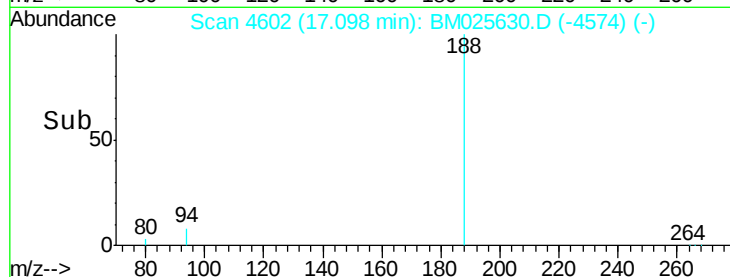
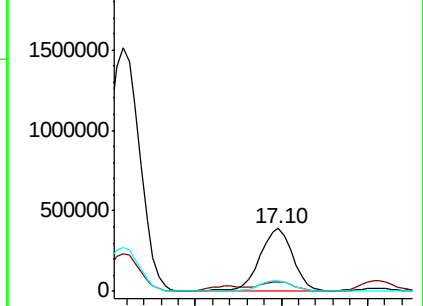
mohammad
3/19/2020 12:35:38 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 82.535 ng/ul

RT: 19.03 min Scan# 5146

Delta R.T. 0.00 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

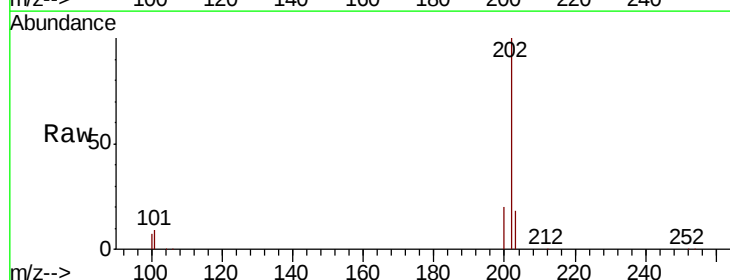
Tgt Ion:202 Resp: 5272428

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.5

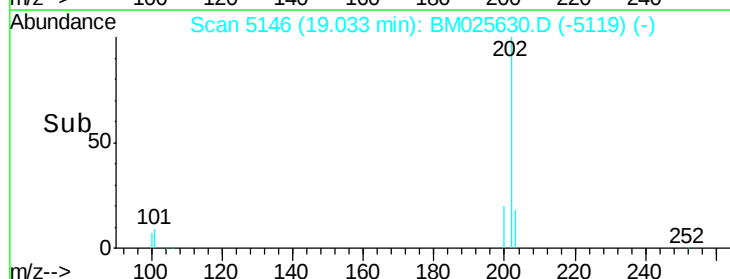
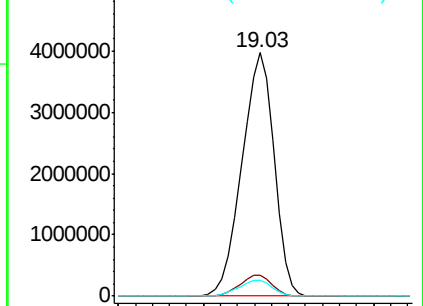
100 6.6 0.0 26.0

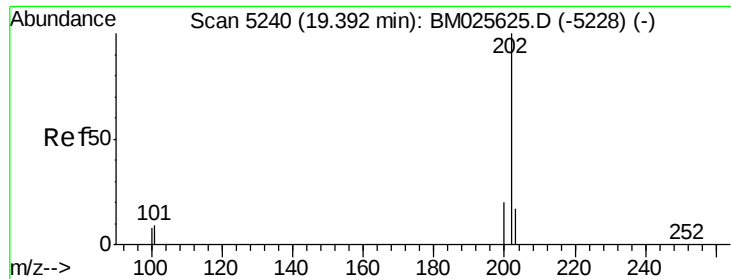


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





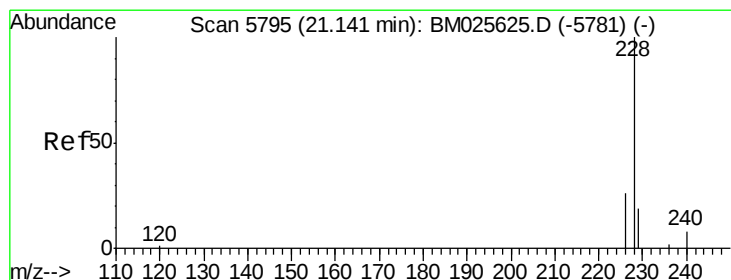
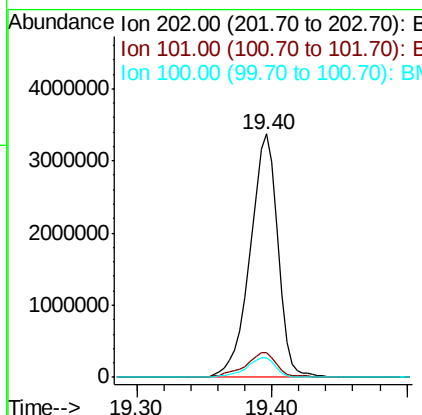
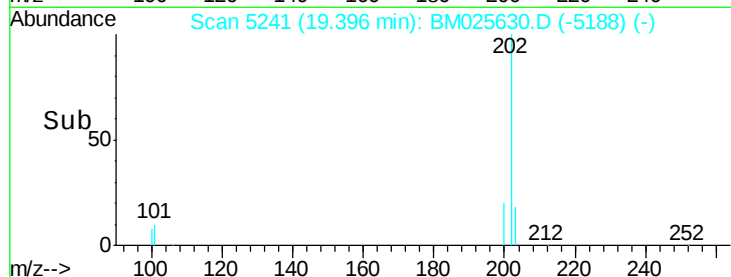
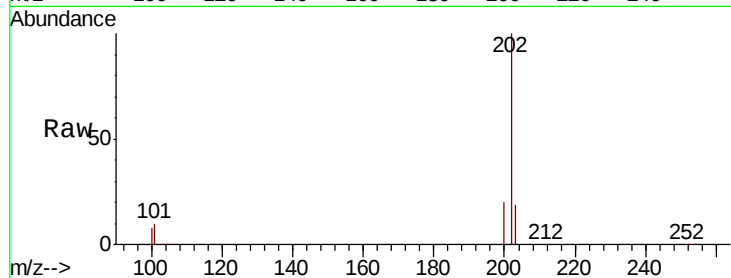
#17
Pvrene
Concen: 48.164 ng/ul
RT: 19.40 min Scan# 5241
Delta R.T. 0.00 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion:202 Resp: 4708589
Ion Ratio Lower Upper
202 100
101 10.2 7.1 10.7
100 8.3 6.0 9.0

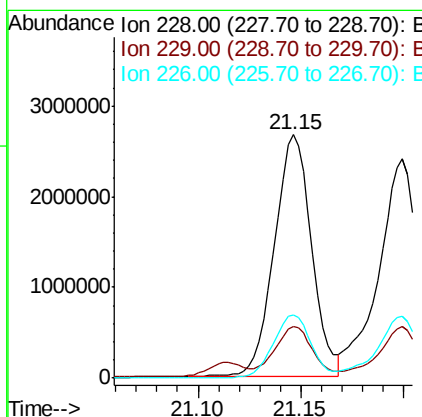
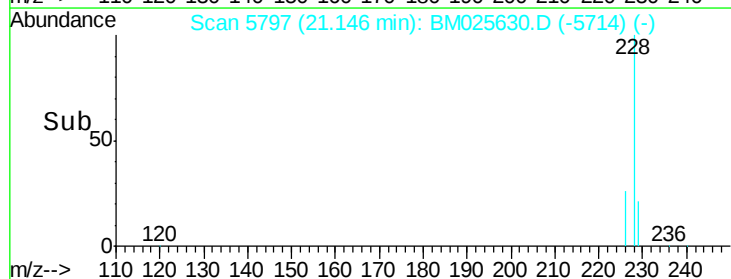
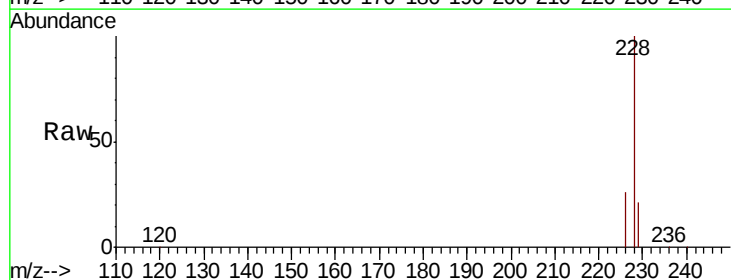
Manual Integrations
APPROVED

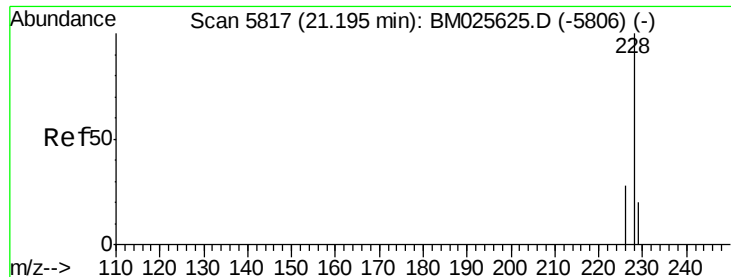
mohammad
3/19/2020 12:35:38 PM



#18
Benzo(a)anthracene
Concen: 43.466 ng/ul
RT: 21.15 min Scan# 5797
Delta R.T. 0.00 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Tgt Ion:228 Resp: 3384815
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 26.1 21.1 31.7





#19

Chrysene

Concen: 36.502 ng/ul

RT: 21.20 min Scan# 5819

Delta R.T. 0.00 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

Instrument :

BNA_M

ClientSampleId :

C0AC4

Tot Ion:228 Resp: 3192004

Ion Ratio Lower Upper

228 100

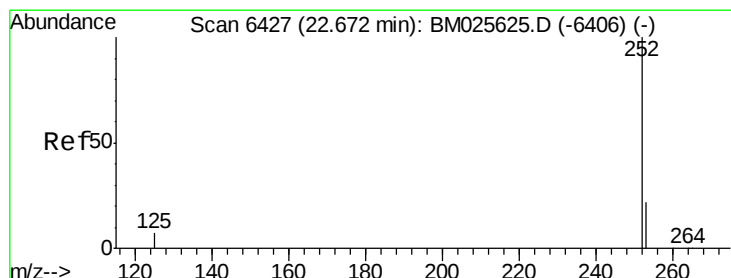
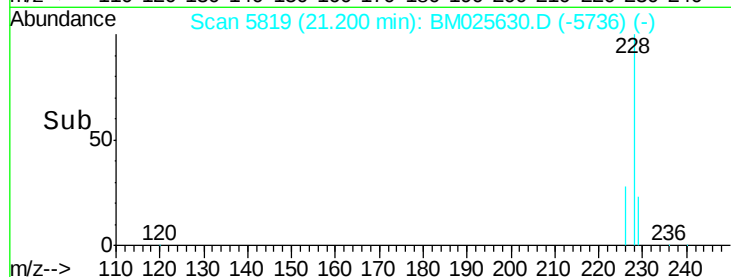
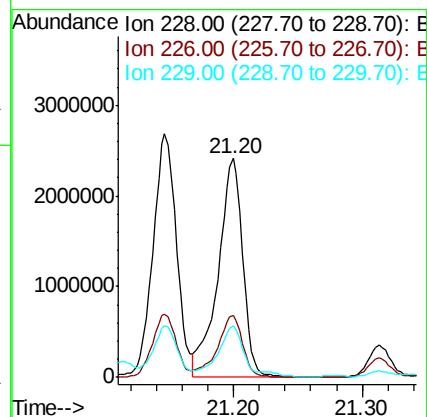
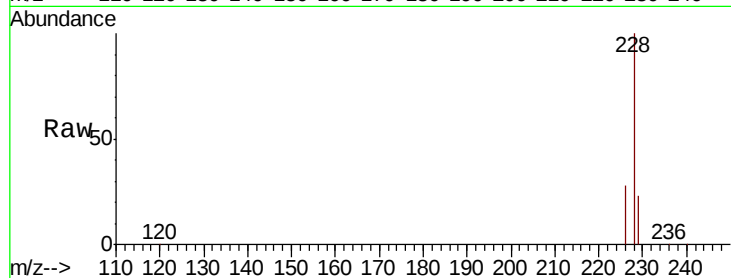
226 28.5 23.6 35.4

229 23.3 16.3 24.5

Manual Integrations
APPROVED

mohammad

3/19/2020 12:35:38 PM



#21

Benzo(b)fluoranthene

Concen: 35.862 ng/ul m

RT: 22.68 min Scan# 6432

Delta R.T. 0.01 min

Lab File: BM025630.D

Acq: 18 Mar 2020 15:45

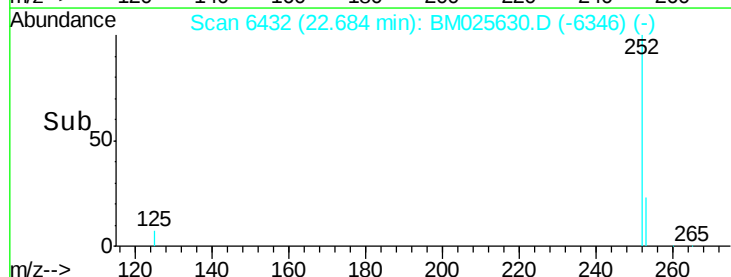
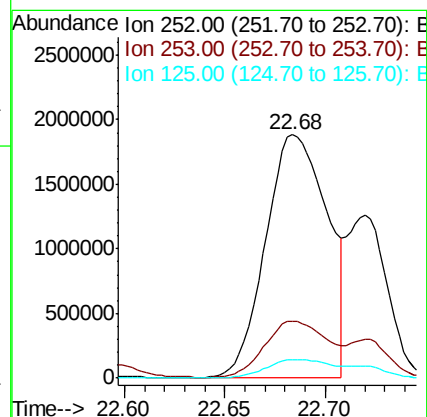
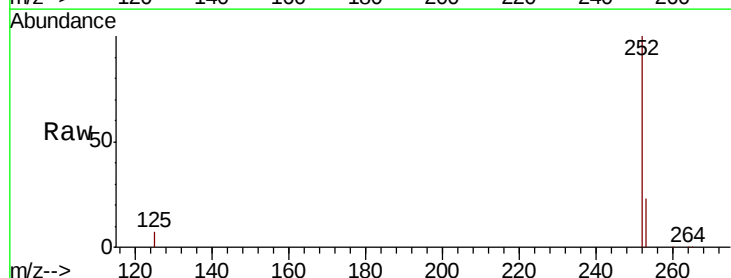
Tgt Ion:252 Resp: 4044969

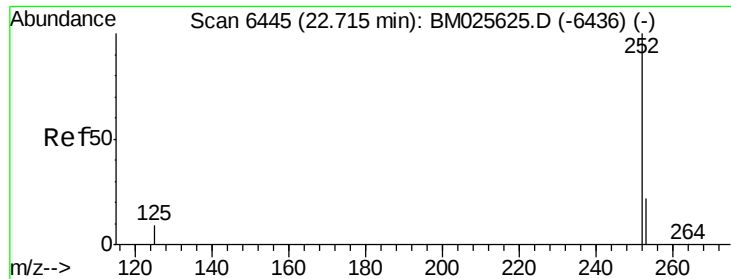
Ion Ratio Lower Upper

252 100

253 23.3 0.0 50.2

125 7.5 0.0 17.6





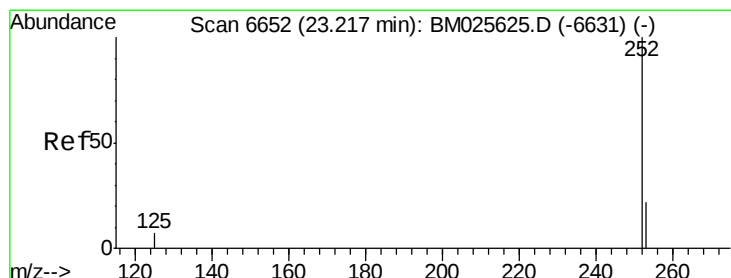
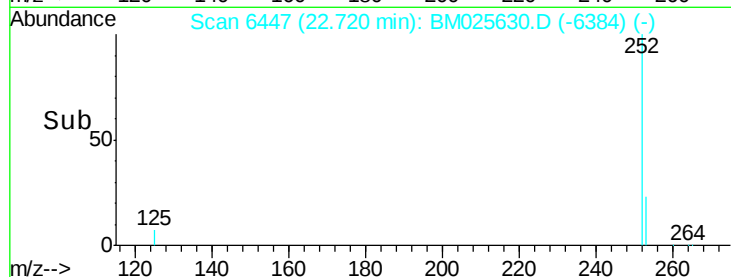
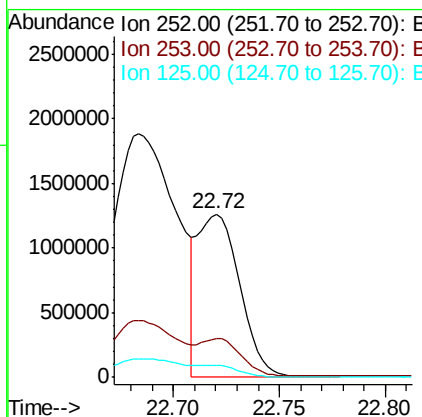
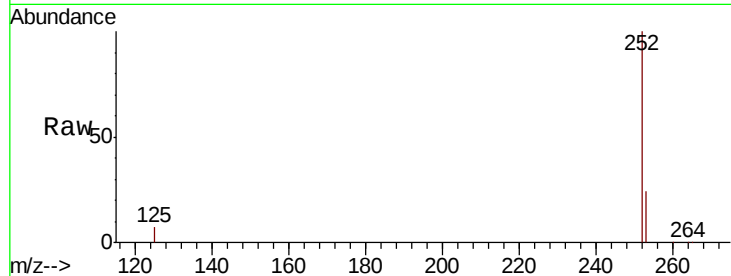
#22
Benzo(k)fluoranthene
Concen: 14.972 ng/ul m
RT: 22.72 min Scan# 6447
Delta R.T. 0.00 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Instrument :
BNA_M
ClientSampled :
C0AC4

Tot Ion:252 Resp: 1769394
Ion Ratio Lower Upper
252 100
253 23.7 19.8 29.8
125 7.2 7.1 10.7

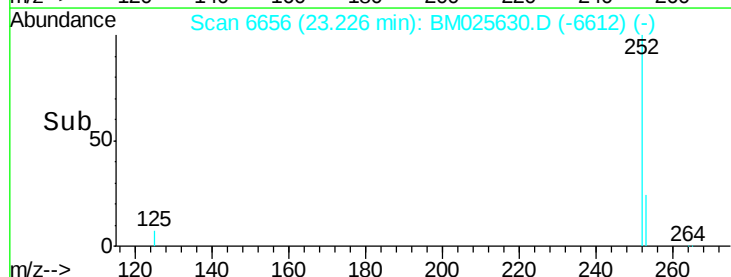
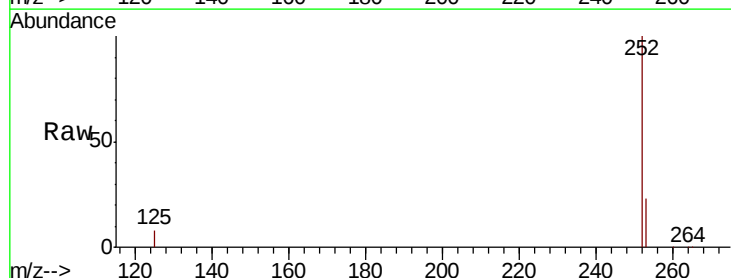
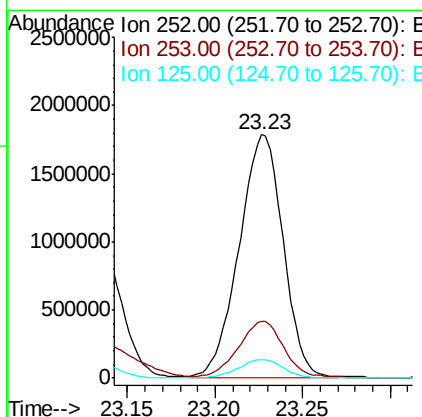
Manual Integrations
APPROVED

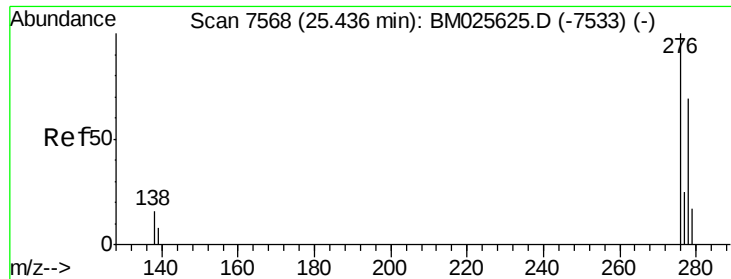
mohammad
3/19/2020 12:35:38 PM



#23
Benzo(a)pyrene
Concen: 33.471 ng/ul m
RT: 23.23 min Scan# 6656
Delta R.T. 0.01 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Tgt Ion:252 Resp: 3135016
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 7.8 8.5 12.7#





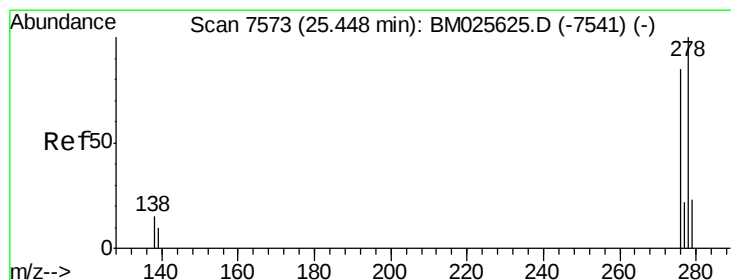
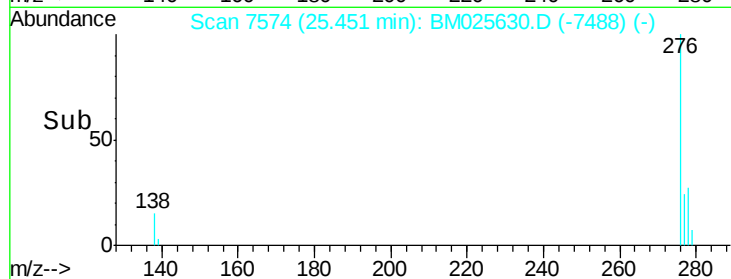
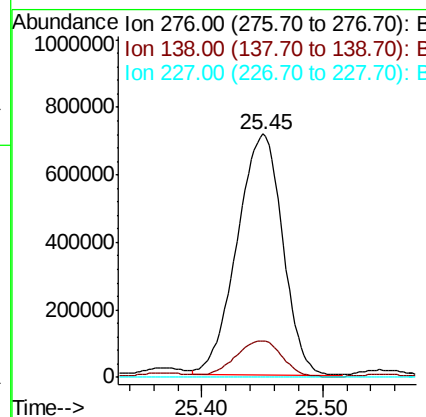
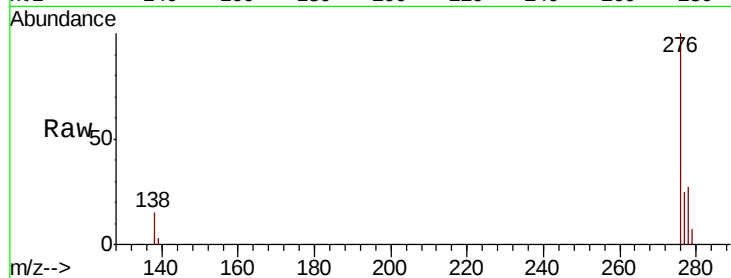
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.760 ng/ul
 RT: 25.45 min Scan# 7574
 Delta R.T. 0.01 min
 Lab File: BM025630.D
 Acq: 18 Mar 2020 15:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.3	18.5
227	0.0	0.0	0.0

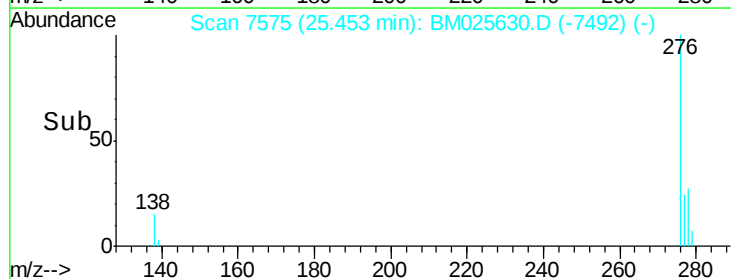
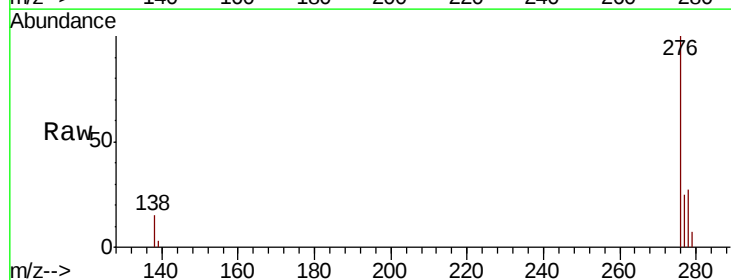
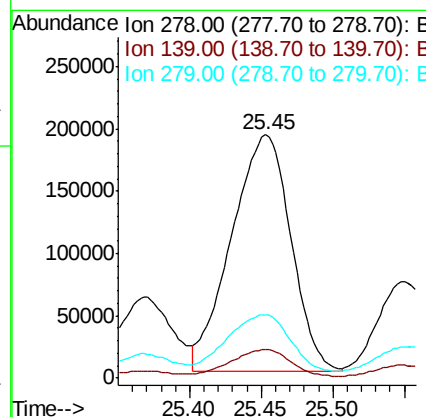
Manual Integrations
 APPROVED

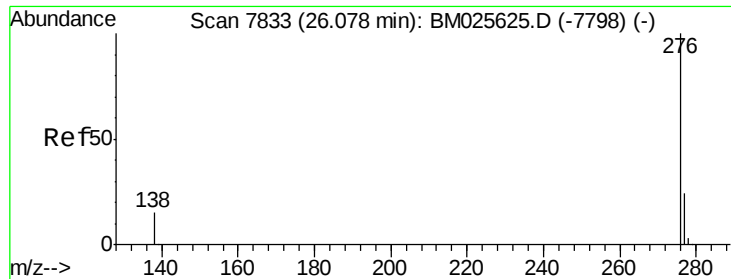
mohammad
 3/19/2020 12:35:38 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 5.130 ng/ul
 RT: 25.45 min Scan# 7575
 Delta R.T. 0.00 min
 Lab File: BM025630.D
 Acq: 18 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.0	13.6
279	25.9	21.1	31.7





#26
Benzo(a,h,i)perylene
Concen: 12.923 ng/ul
RT: 26.10 min Scan# 7841
Delta R.T. 0.01 min
Lab File: BM025630.D
Acq: 18 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.0	16.4
277	24.3	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:38 PM

