

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025364.D
 Acq On : 08 Mar 2020 00:14
 Operator : CG/JU
 Sample : L1615-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:02:22 PM

Quant Time: Mar 08 01:07:55 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 23:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18072	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12734	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	29984	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28008	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	23773	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1838	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	5632	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.10	142	1148	0.029	ng/ul	98
7) Acenaphthylene	14.01	152	4547	0.076	ng/ul	96
9) Fluorene	15.35	166	5657	0.098	ng/ul	95
12) Phenanthrene	17.08	178	20555	0.213	ng/ul	95
13) Anthracene	17.17	178	518632	6.044	ng/ul	95
15) Fluoranthene	19.10	202	58717	0.485	ng/ul	96
17) Pyrene	19.46	202	98257	0.925	ng/ul	97
18) Benzo(a)anthracene	21.21	228	84005	0.816	ng/ul	100
19) Chrysene	21.26	228	109202	0.965	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	197072m	2.072	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	68568m	0.687	ng/ul	
23) Benzo(a)pyrene	23.31	252	84223	1.055	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.58	276	48447	0.487	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	13092	0.159	ng/ul	96
26) Benzo(g,h,i)perylene	26.24	276	32519	0.385	ng/ul#	93

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

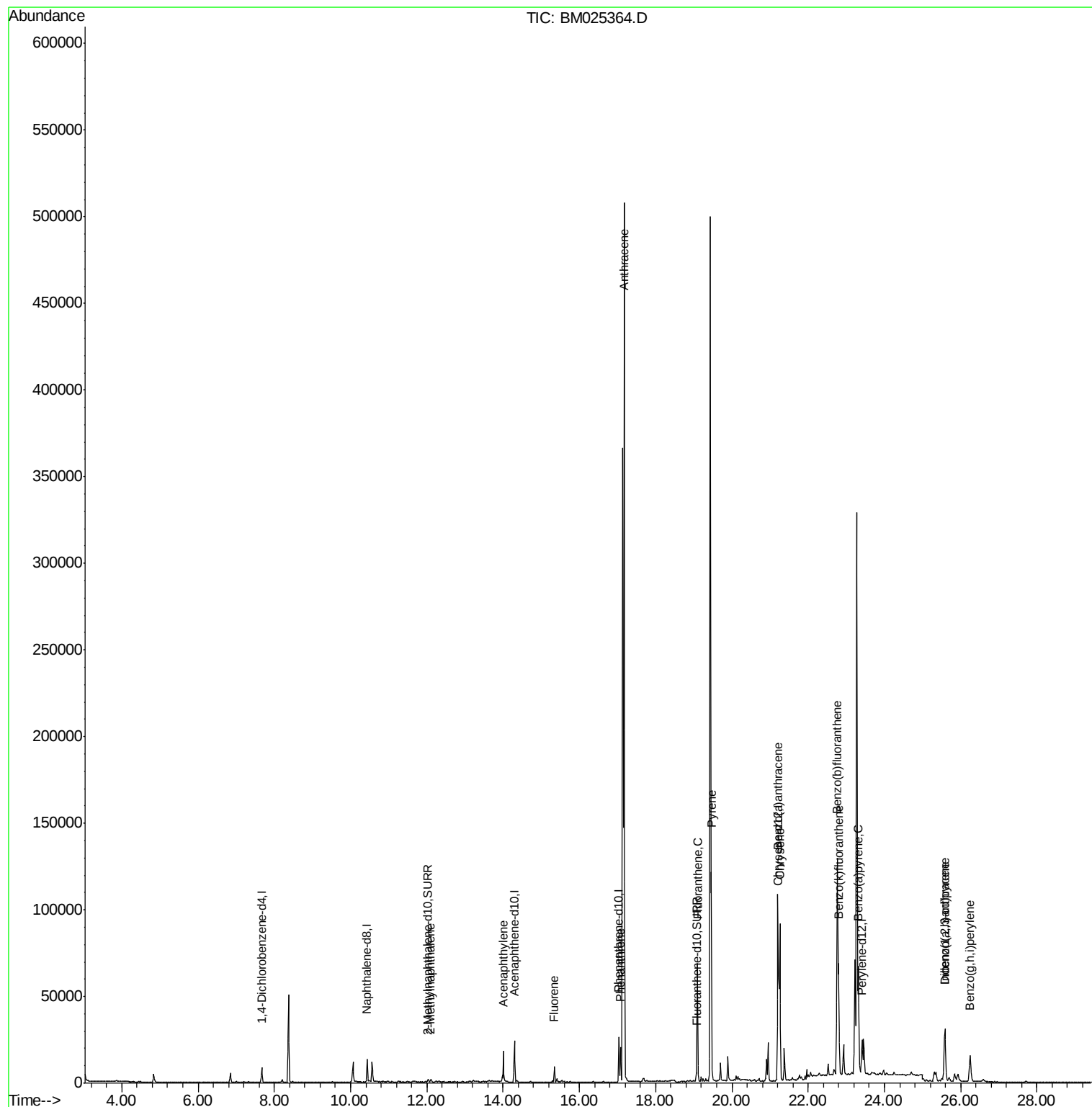
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025364.D
Acq On : 08 Mar 2020 00:14
Operator : CG/JU
Sample : L1615-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

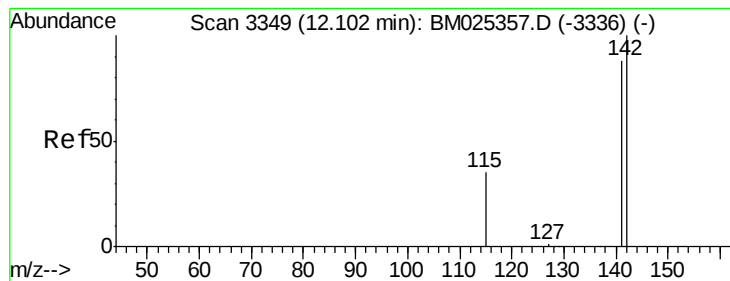
Instrument :
BNA_M
ClientSampleId :
DBDN7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:02:22 PM

Quant Time: Mar 08 01:07:55 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 23:59:42 2020
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.10 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

Instrument :

BNA_M

ClientSampleId :

DBDN7

Tot Ion:142 Resp: 1148

Ion Ratio Lower Upper

142 100

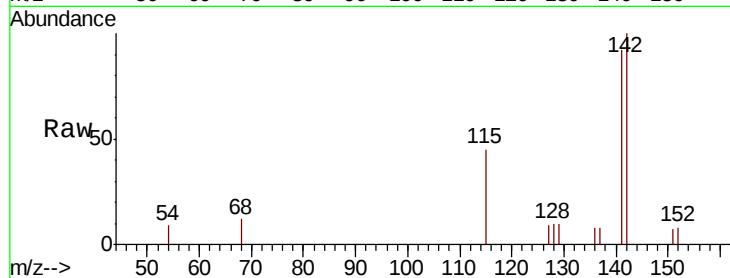
141 89.2 69.8 104.8

Manual Integrations

APPROVED

mohammad

3/9/2020 3:02:22 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.10

800

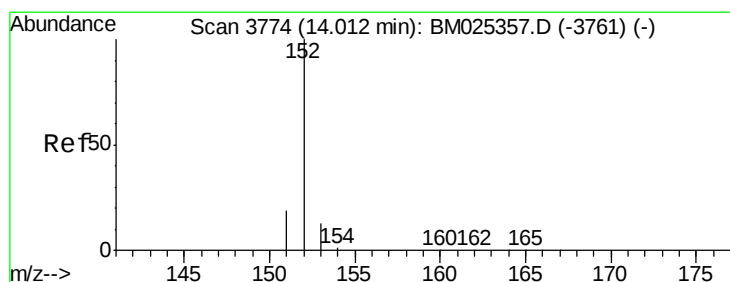
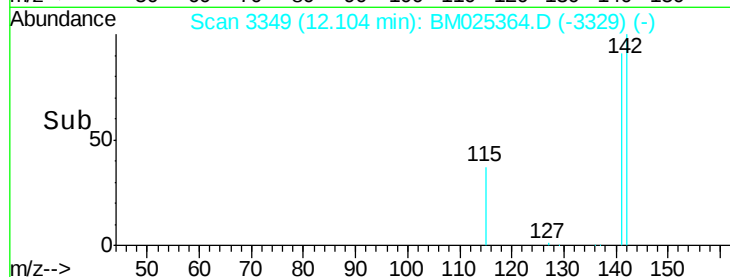
600

400

200

0

Time-->



#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

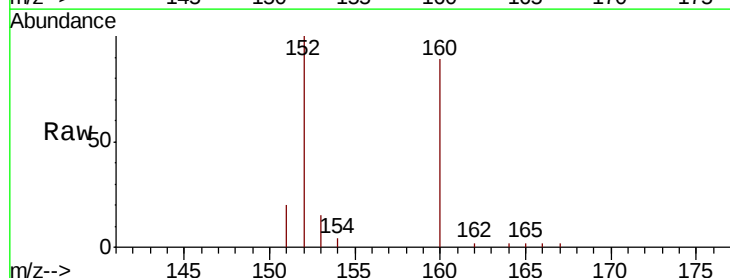
Tgt Ion:152 Resp: 4547

Ion Ratio Lower Upper

152 100

151 20.2 17.8 26.8

153 15.1 13.3 19.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.01

4000

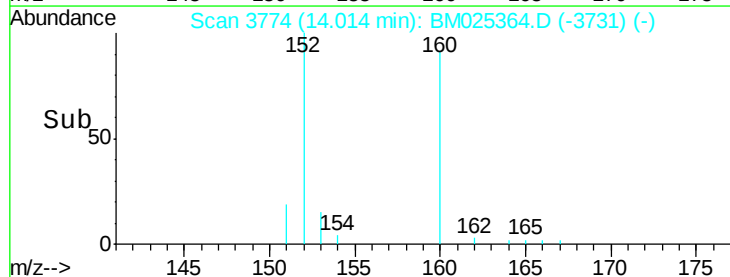
3000

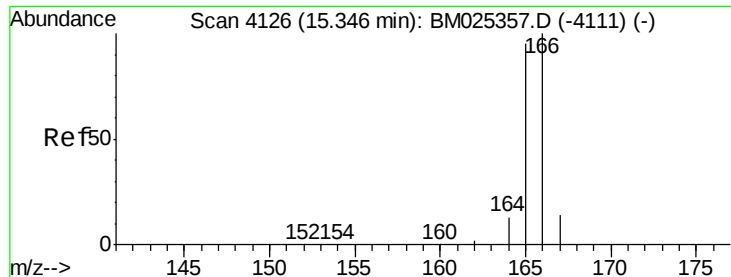
2000

1000

0

Time-->





#9

Fluorene

Concen: 0.098 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

Instrument :

BNA_M

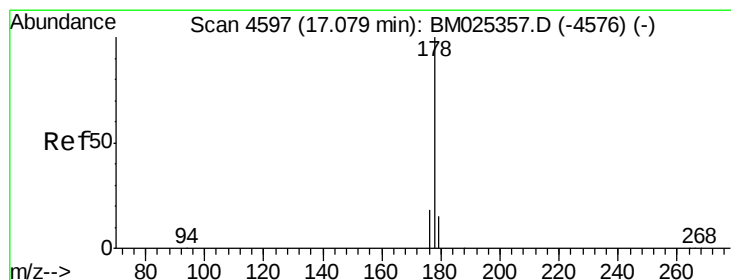
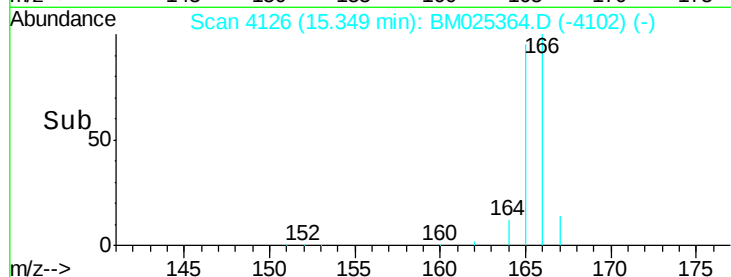
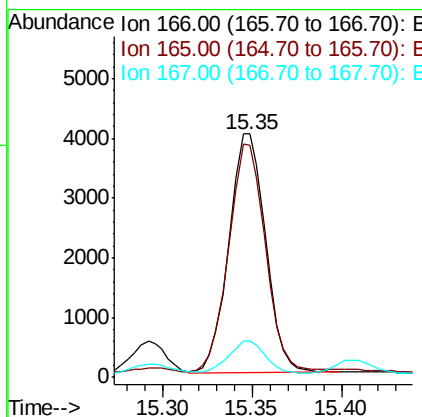
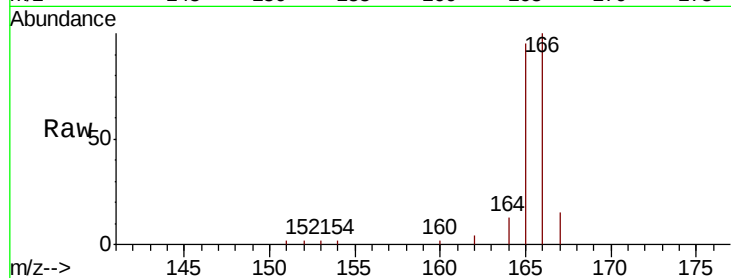
ClientSampled :

DBDN7

Tot Ion:	166	Resp:	5657
Ion	Ratio	Lower	Upper
166	100		
165	95.2	80.0	120.0
167	15.0	13.7	20.5

Manual Integrations
APPROVED

mohammad
3/9/2020 3:02:22 PM



#12

Phenanthrene

Concen: 0.213 ng/ul

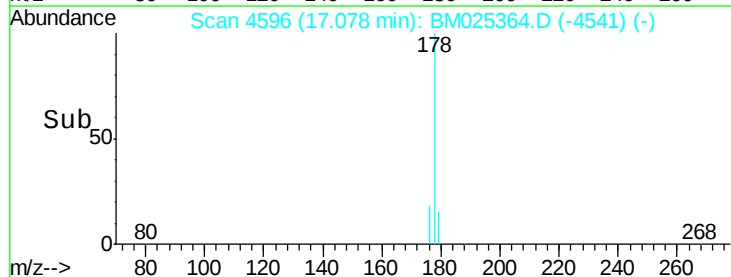
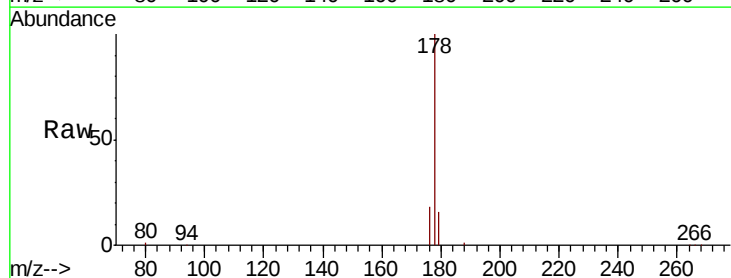
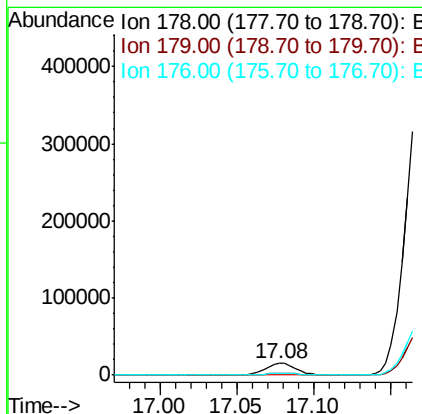
RT: 17.08 min Scan# 4596

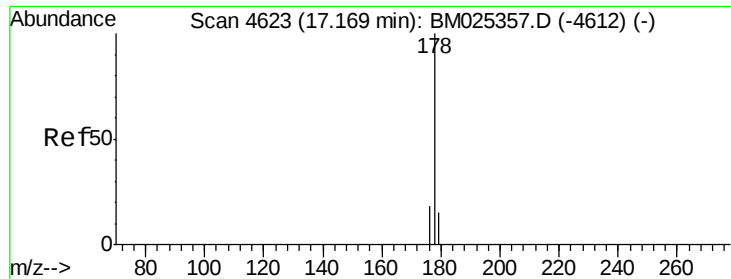
Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

Tgt Ion:	178	Resp:	20555
Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.5	16.6	24.8





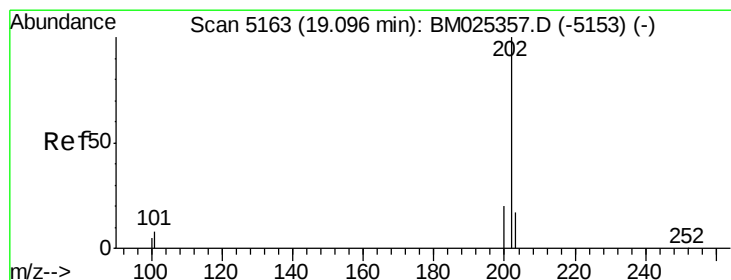
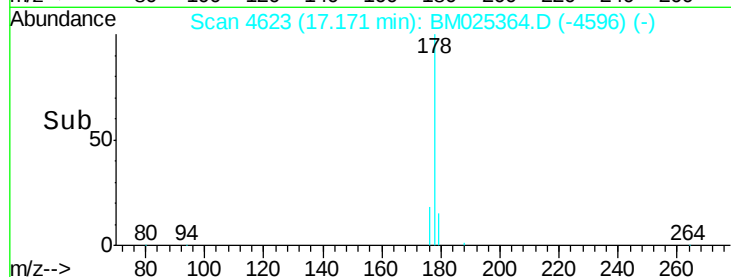
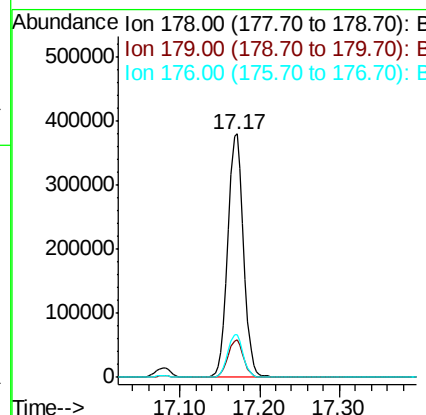
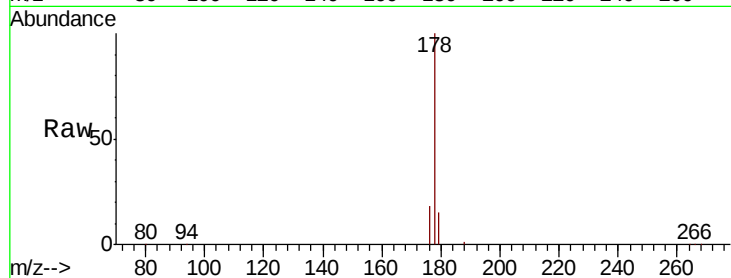
#13
 Anthracene
 Concen: 6.044 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: BM025364.D
 Acq: 08 Mar 2020 00:14

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion:	178	Resp:	518632
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.1	21.1
176	17.6	16.2	24.4

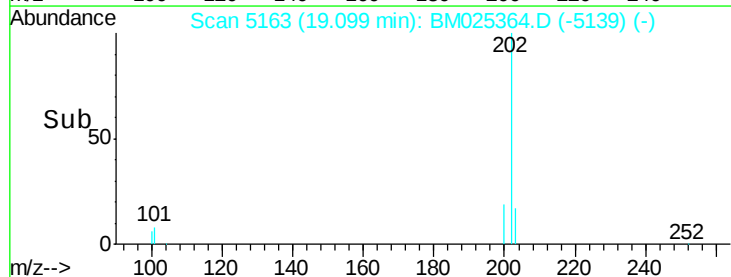
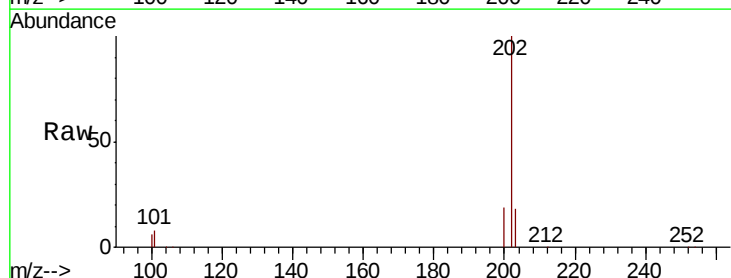
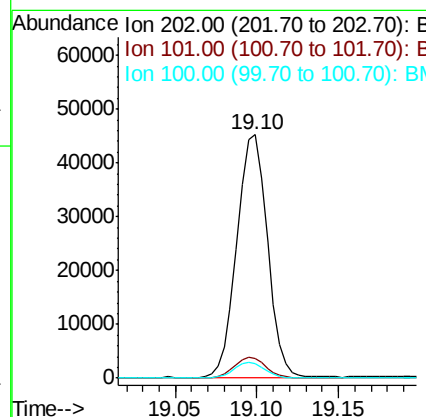
Manual Integrations
 APPROVED

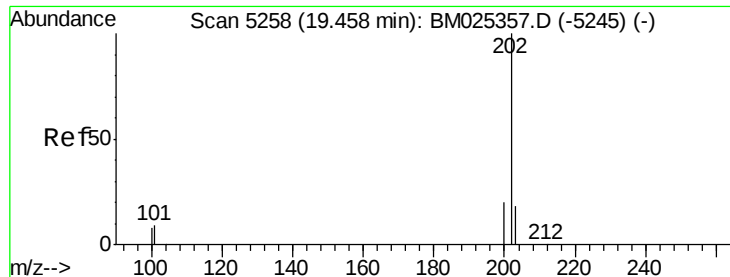
mohammad
 3/9/2020 3:02:22 PM



#15
 Fluoranthene
 Concen: 0.485 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM025364.D
 Acq: 08 Mar 2020 00:14

Tgt Ion:	202	Resp:	58717
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	29.4
100	6.0	0.0	28.0





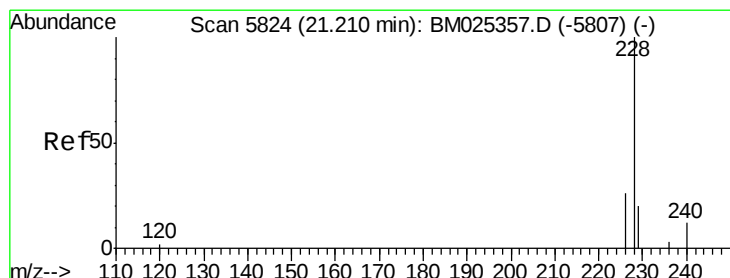
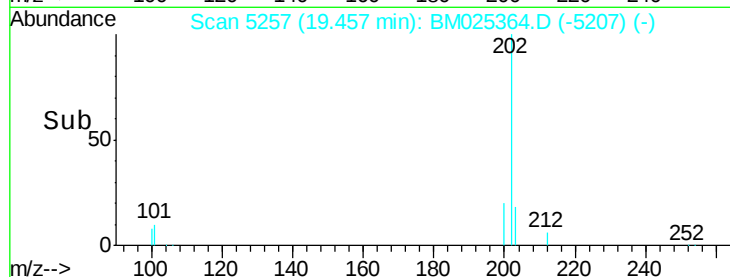
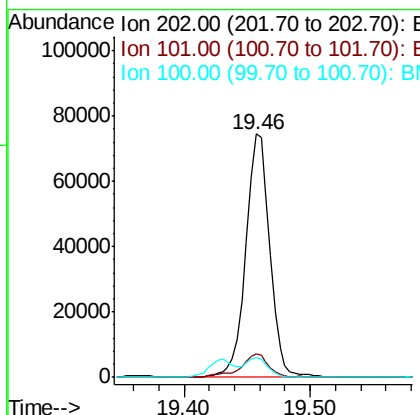
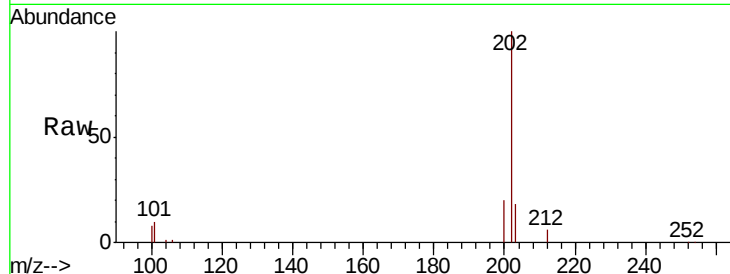
#17
Pvrene
Concen: 0.925 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Instrument :
BNA_M
ClientSampleId :
DBDN7

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	8.1	7.3	10.9

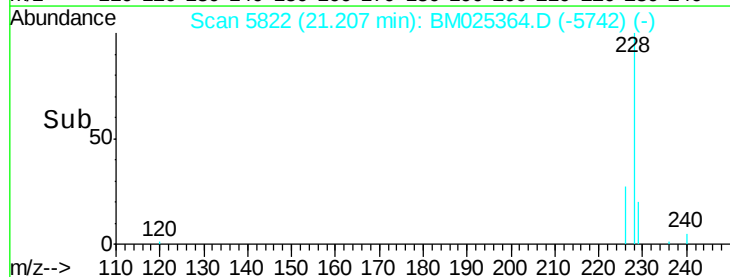
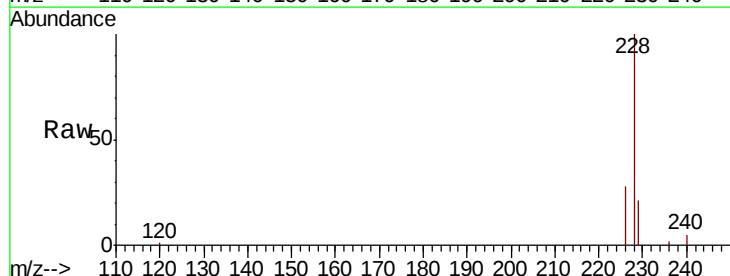
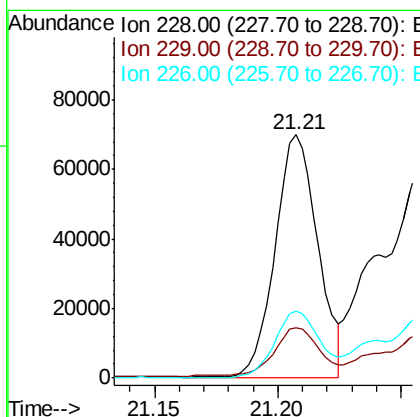
Manual Integrations
APPROVED

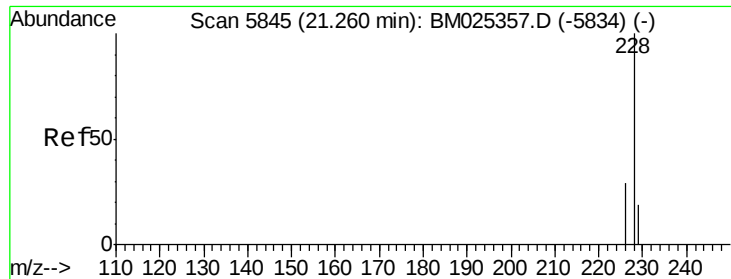
mohammad
3/9/2020 3:02:22 PM



#18
Benzo(a)anthracene
Concen: 0.816 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.01 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	27.6	21.9	32.9





#19

Chrysene

Concen: 0.965 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

Instrument :

BNA_M

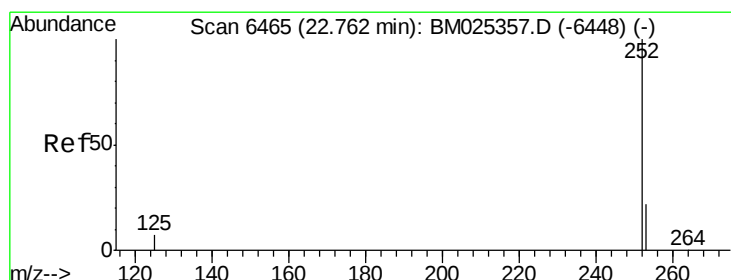
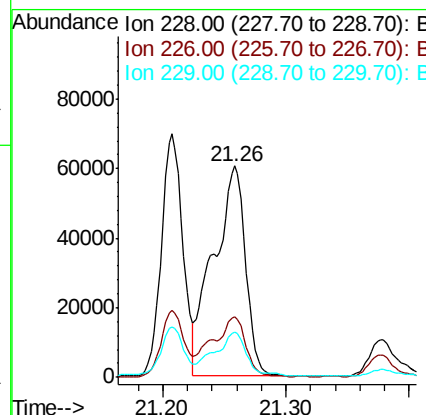
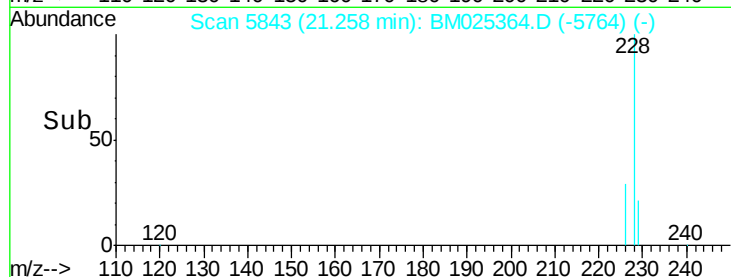
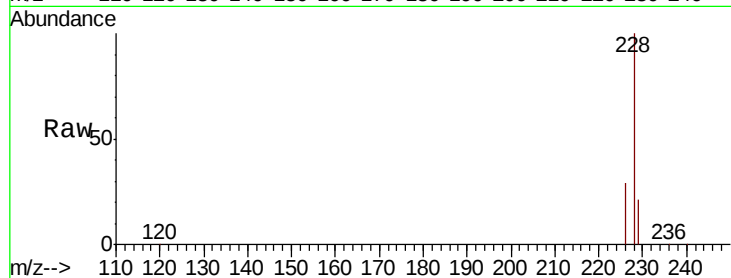
ClientSampleId :

DBDN7

Tot Ion:	228	Resp:	109202
Ion Ratio		Lower	Upper
228	100		
226	29.0	23.8	35.8
229	21.4	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/9/2020 3:02:22 PM



#21

Benzo(b)fluoranthene

Concen: 2.072 ng/ul m

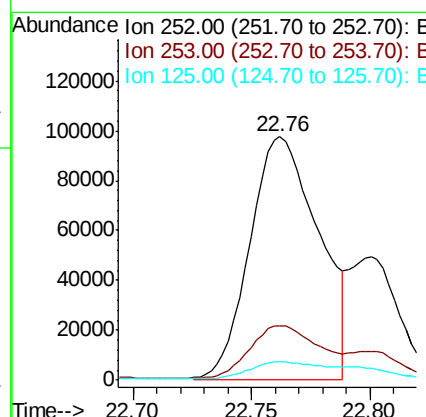
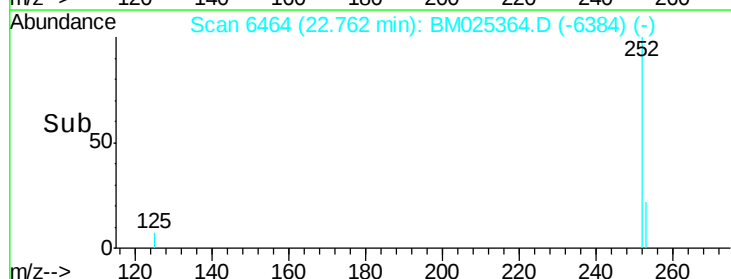
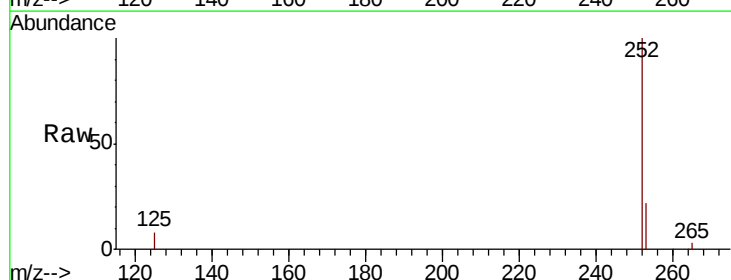
RT: 22.76 min Scan# 6464

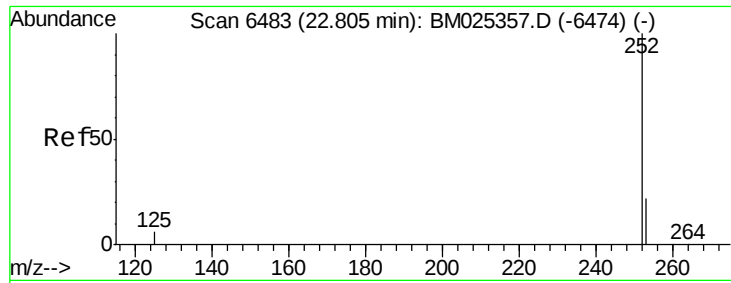
Delta R.T. -0.01 min

Lab File: BM025364.D

Acq: 08 Mar 2020 00:14

Tgt Ion:	252	Resp:	197072
Ion Ratio		Lower	Upper
252	100		
253	22.5	0.0	49.8
125	7.6	0.0	28.6





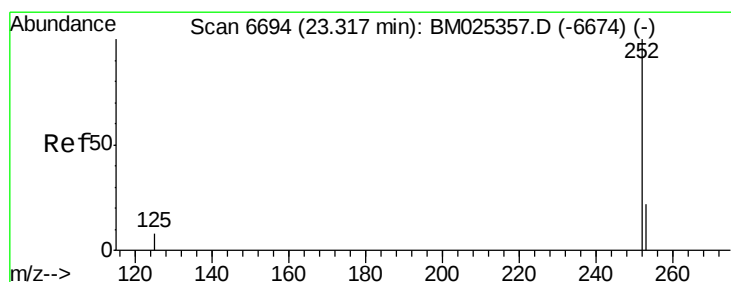
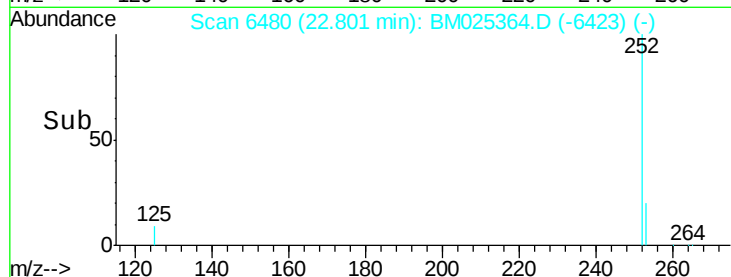
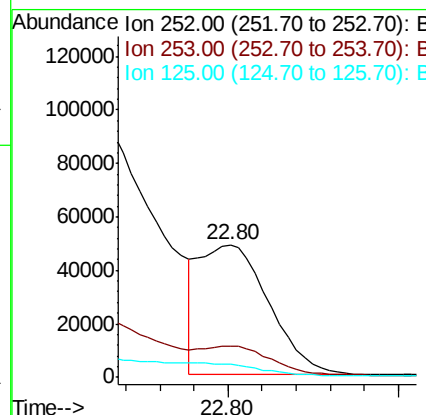
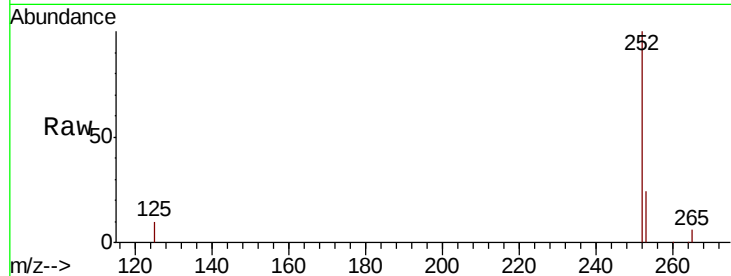
#22
Benzo(k)fluoranthene
Concen: 0.687 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.01 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Instrument :
BNA_M
ClientSampleId :
DBDN7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.0
125	9.6	10.7	16.1

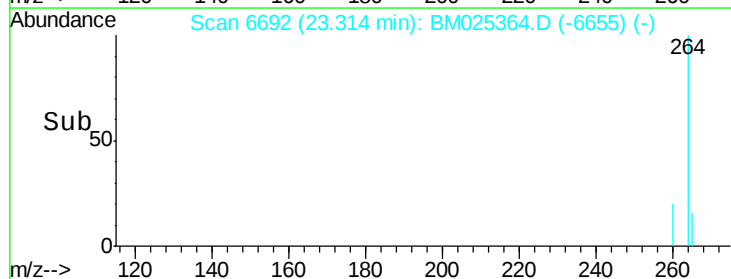
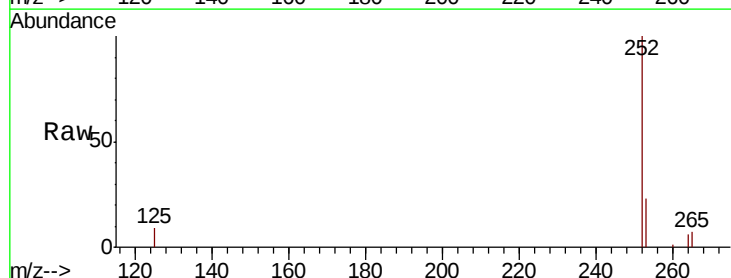
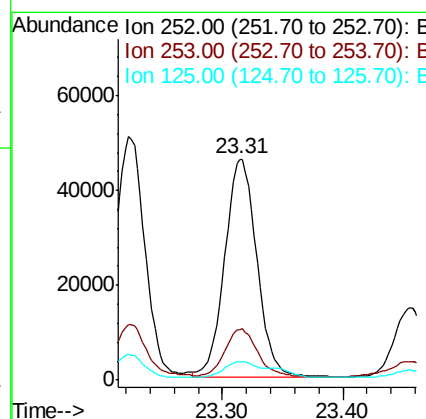
Manual Integrations
APPROVED

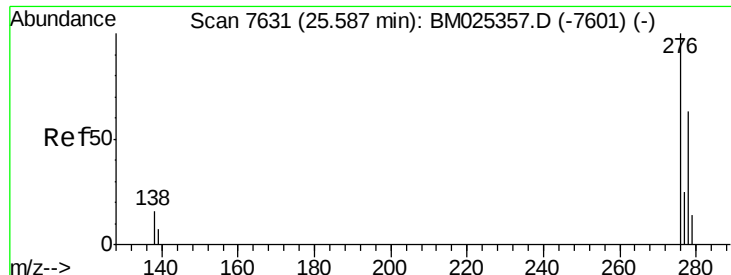
mohammad
3/9/2020 3:02:22 PM



#23
Benzo(a)pyrene
Concen: 1.055 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. -0.01 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	8.5	13.0	19.4





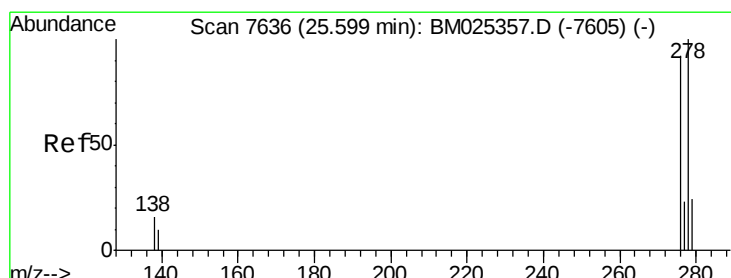
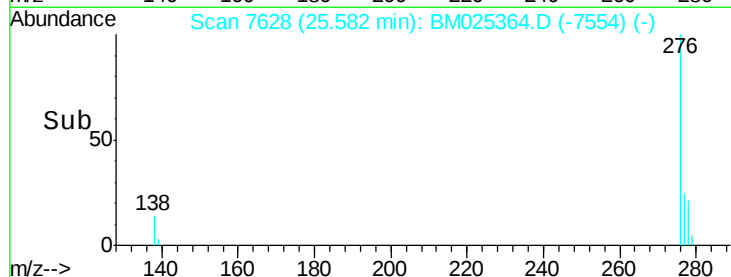
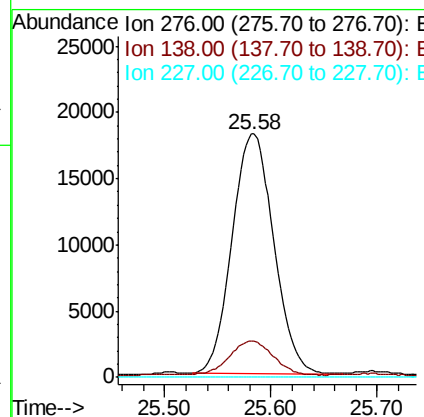
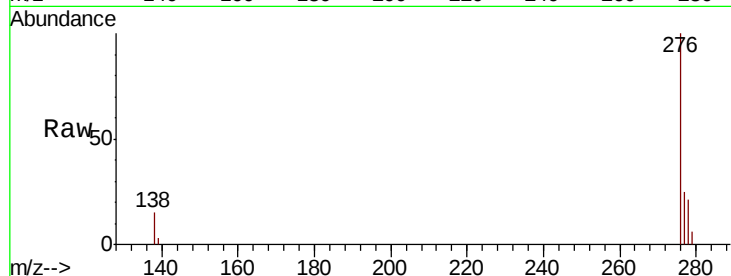
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.02 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Instrument :
BNA_M
ClientSampleID :
DBDN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	0.0	0.0#
227	0.0	0.0	0.0

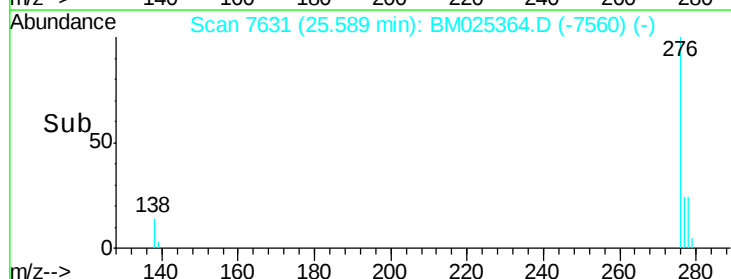
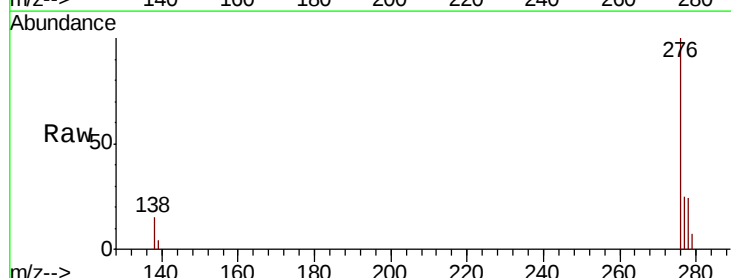
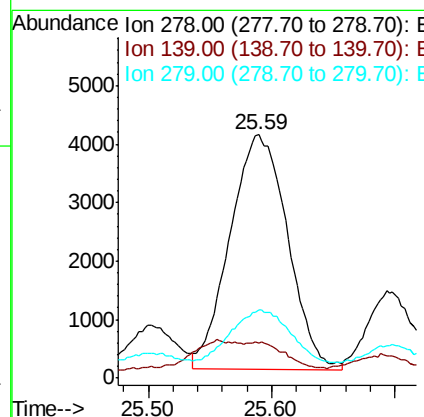
Manual Integrations
APPROVED

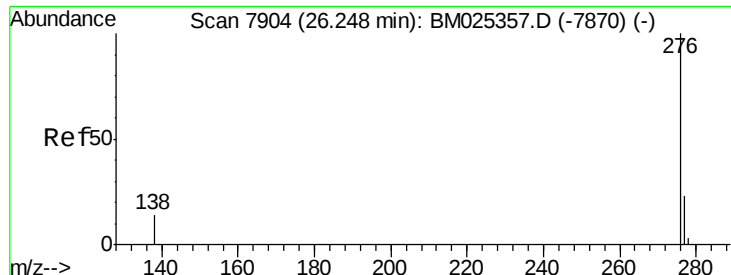
mohammad
3/9/2020 3:02:22 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.159 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. -0.03 min
Lab File: BM025364.D
Acq: 08 Mar 2020 00:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.2	19.8
279	28.0	21.0	31.4





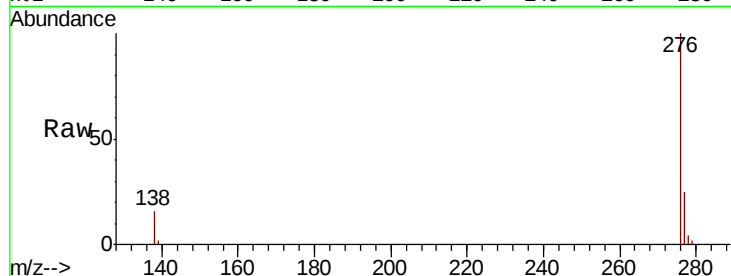
#26
 Benzo(a,h,i)perylene
 Concen: 0.385 ng/ul
 RT: 26.24 min Scan# 7901
 Delta R.T. -0.02 min
 Lab File: BM025364.D
 Acq: 08 Mar 2020 00:14

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.9	26.9#
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:02:22 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

