

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025442.D
 Acq On : 10 Mar 2020 08:42
 Operator : CG/JU
 Sample : L1612-23
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM5

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:01:00 AM

Quant Time: Mar 10 12:09:39 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	3277	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9679	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20513	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13649	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13614	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8464	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	18998	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.10	142	825	0.028	ng/ul	97
7) Acenaphthylene	14.01	152	2240	0.057	ng/ul#	93
9) Fluorene	15.34	166	970	0.023	ng/ul#	96
11) Pentachlorophenol	16.70	266	354	0.074	ng/ul	95
12) Phenanthrene	17.07	178	5007	0.077	ng/ul	96
13) Anthracene	17.16	178	10851	0.192	ng/ul	99
15) Fluoranthene	19.09	202	4991	0.071	ng/ul	96
17) Pyrene	19.45	202	11487	0.188	ng/ul	97
18) Benzo(a)anthracene	21.20	228	7174	0.147	ng/ul	95
19) Chrysene	21.23	228	14515	0.265	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	49970m	0.927	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	20412m	0.361	ng/ul	
23) Benzo(a)pyrene	23.31	252	16924	0.378	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	15283	0.252	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	4316	0.084	ng/ul#	86
26) Benzo(a,h,i)perylene	26.24	276	8142	0.155	ng/ul#	94

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

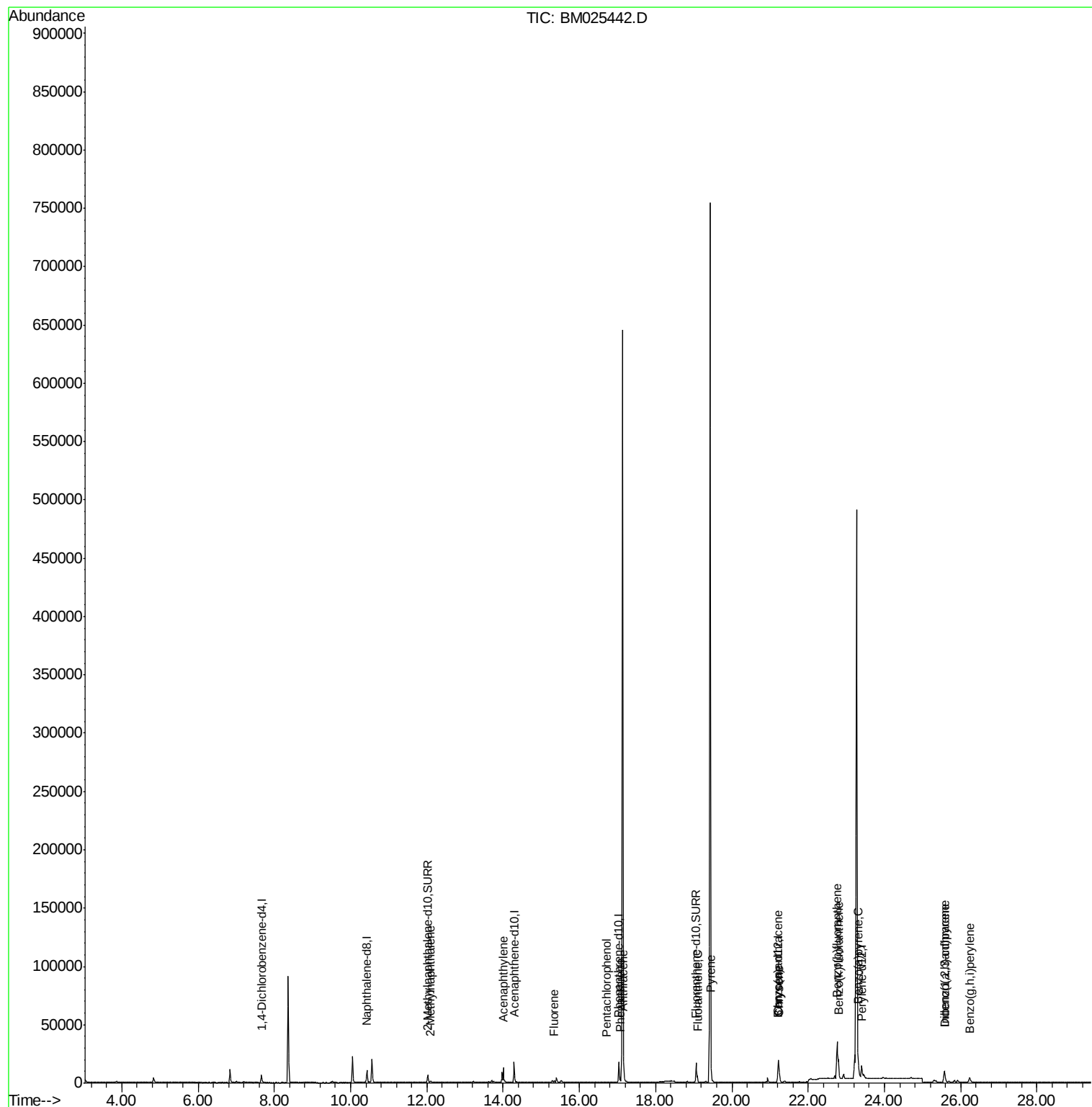
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025442.D
Acq On : 10 Mar 2020 08:42
Operator : CG/JU
Sample : L1612-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

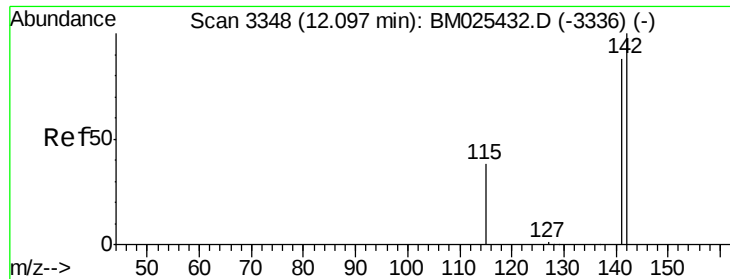
Instrument :
BNA_M
ClientSampleId :
DBDM5

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM

Quant Time: Mar 10 12:09:39 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





#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Instrument :

BNA_M

ClientSampleId :

DBDM5

Tot Ion:142 Resp: 825

Ion Ratio Lower Upper

142 100

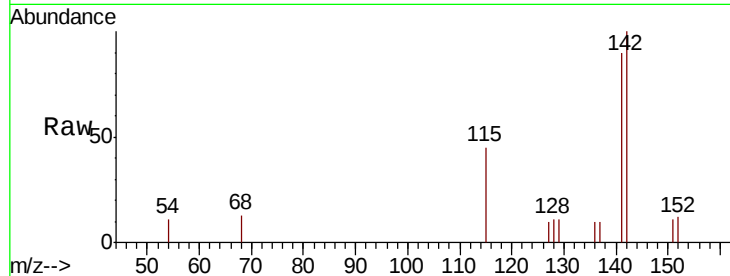
141 89.8 69.8 104.6

Manual Integrations

APPROVED

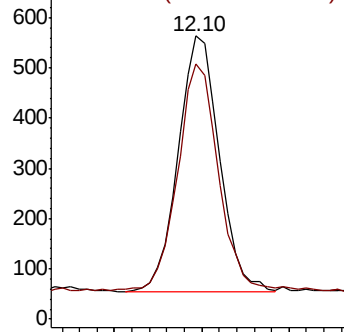
mohammad

3/11/2020 8:01:00 AM

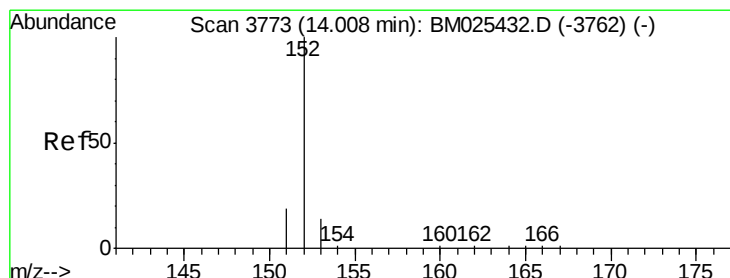
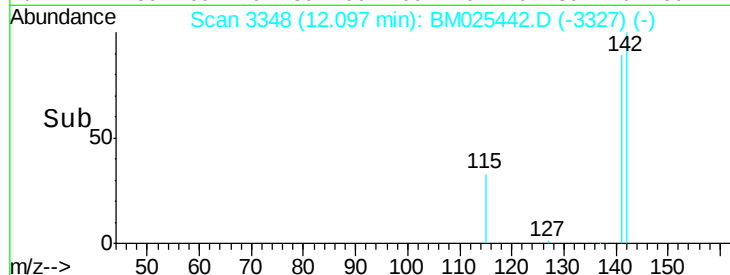


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

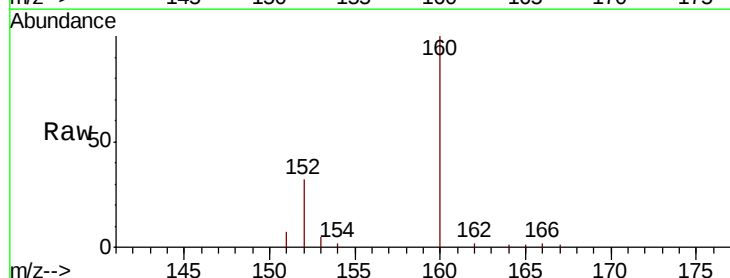
Tgt Ion:152 Resp: 2240

Ion Ratio Lower Upper

152 100

151 23.1 16.2 24.2

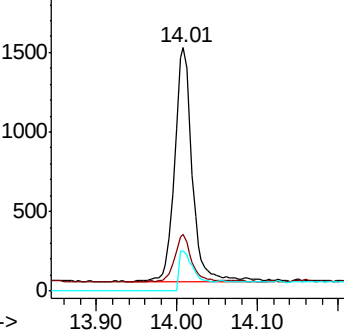
153 16.5 10.6 16.0#



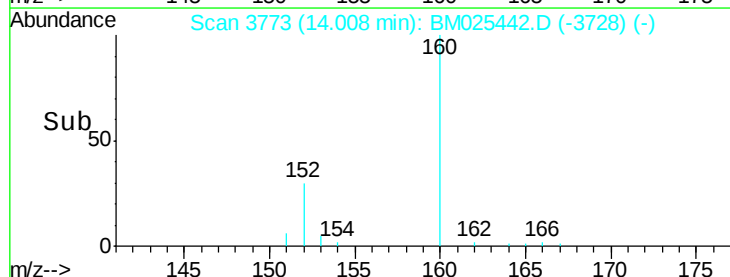
Abundance Ion 152.00 (151.70 to 152.70): E

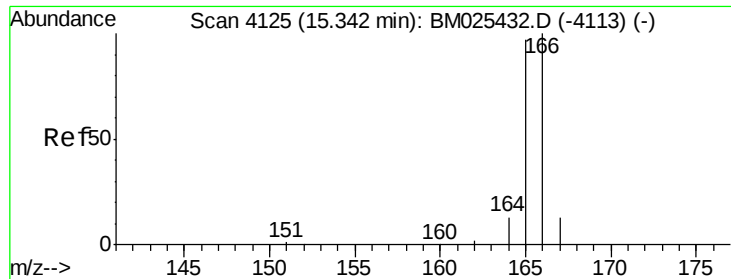
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





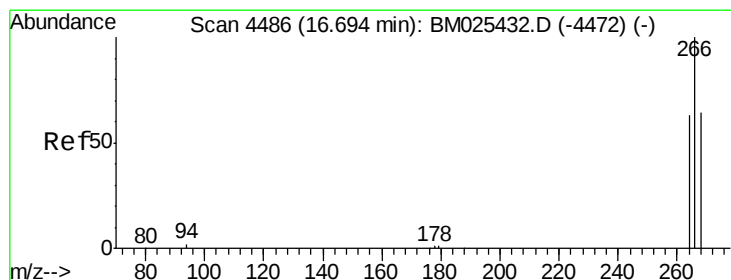
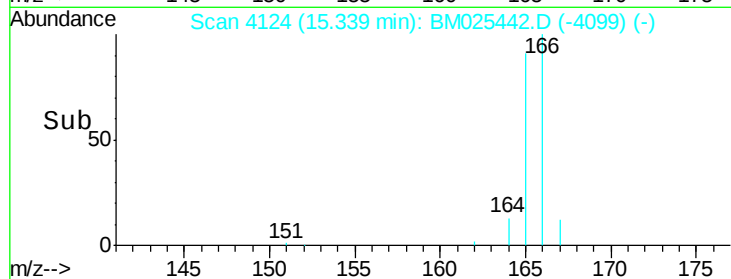
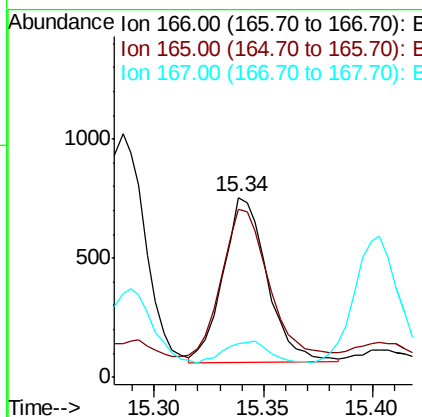
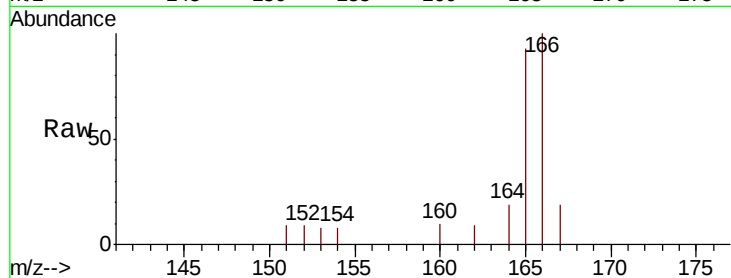
#9
Fluorene
 Concen: 0.023 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BM025442.D
 Acq: 10 Mar 2020 08:42

Instrument :
 BNA_M
 ClientSampled :
 DBDM5

Tot Ion:166 Resp: 970
 Ion Ratio Lower Upper
 166 100
 165 93.2 76.8 115.2
 167 18.7 11.2 16.8#

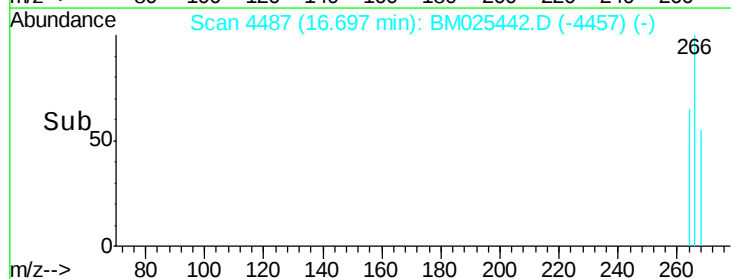
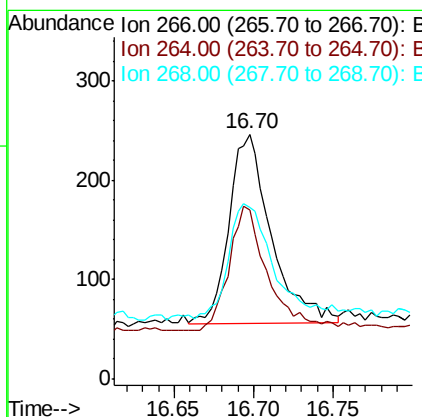
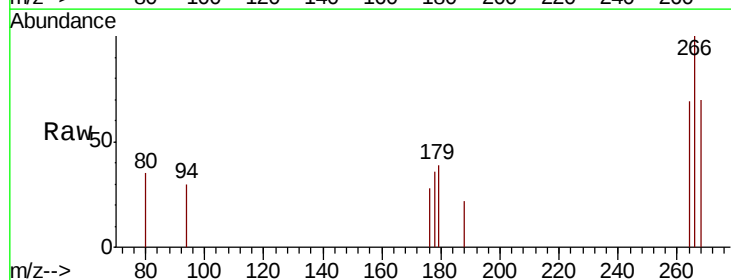
Manual Integrations
 APPROVED

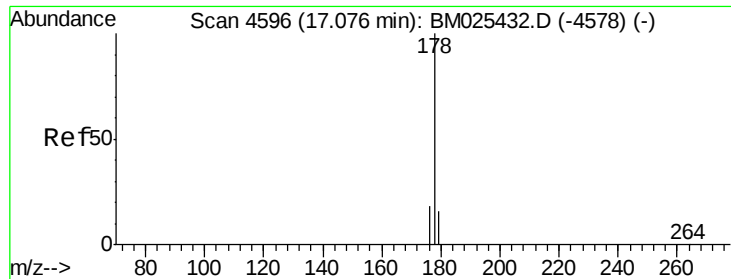
mohammad
 3/11/2020 8:01:00 AM



#11
Pentachlorophenol
 Concen: 0.074 ng/ul
 RT: 16.70 min Scan# 4487
 Delta R.T. 0.00 min
 Lab File: BM025442.D
 Acq: 10 Mar 2020 08:42

Tgt Ion:266 Resp: 354
 Ion Ratio Lower Upper
 266 100
 264 61.9 48.2 72.2
 268 68.6 50.7 76.1





#12

Phenanthrene

Concen: 0.077 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Instrument :

BNA_M

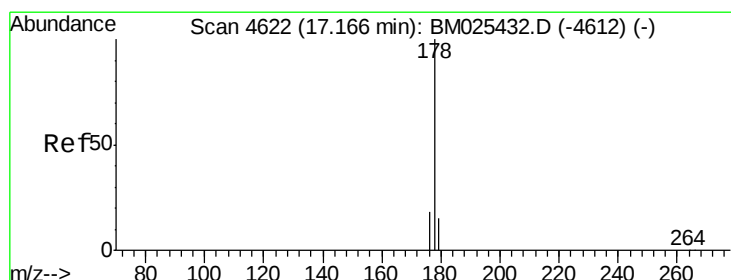
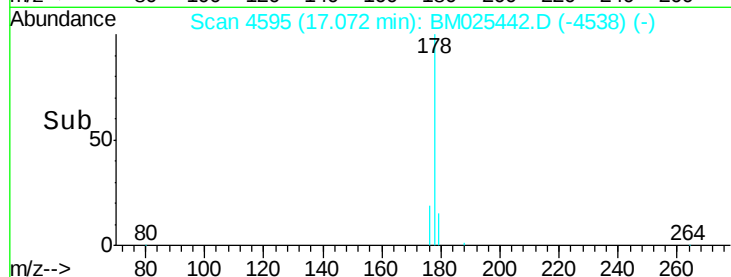
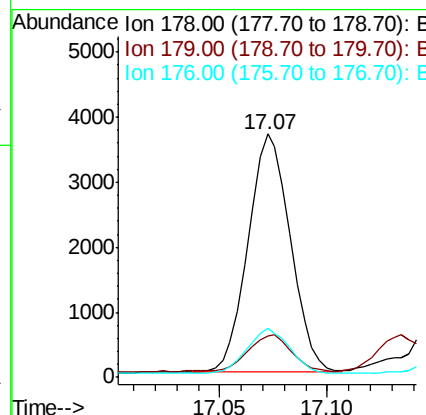
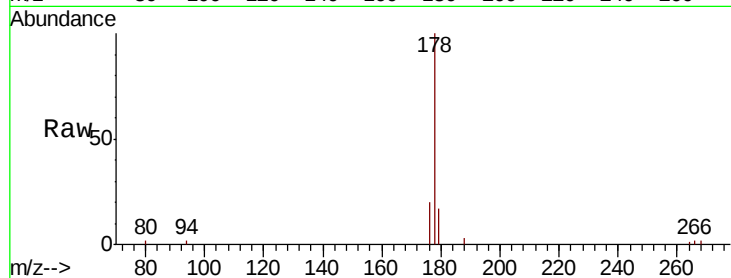
ClientSampleId :

DBDM5

Tot Ion:178	Resp:	5007
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.4 18.6
176	20.2	14.8 22.2

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM



#13

Anthracene

Concen: 0.192 ng/ul

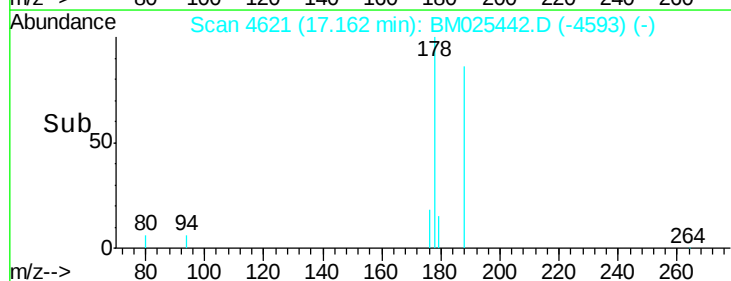
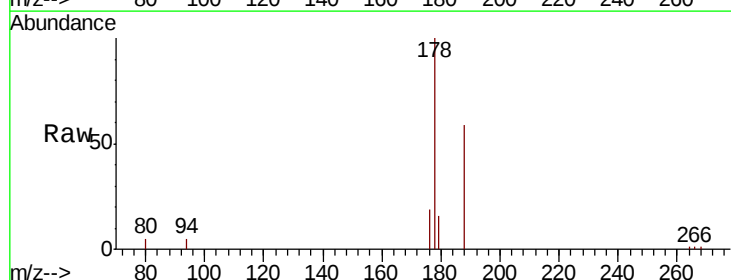
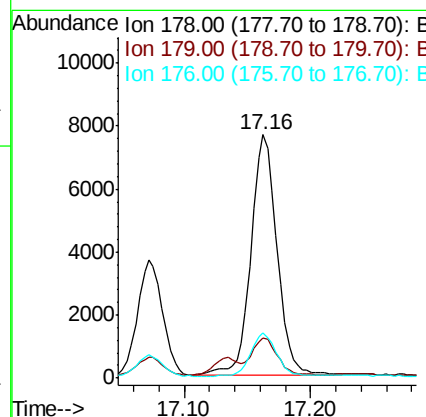
RT: 17.16 min Scan# 4621

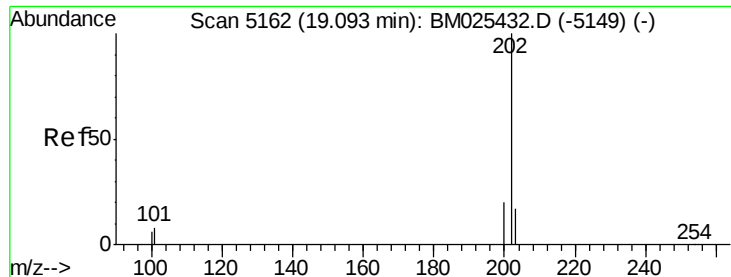
Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Tgt Ion:178	Resp:	10851
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.6 18.8
176	18.7	14.5 21.7





#15

Fluoranthene

Concen: 0.071 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Instrument :

BNA_M

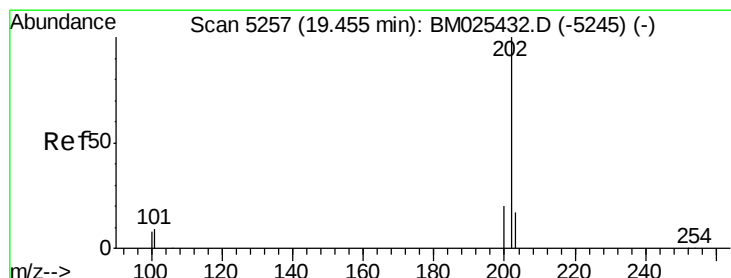
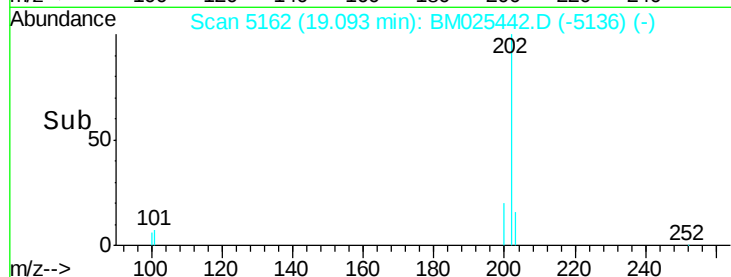
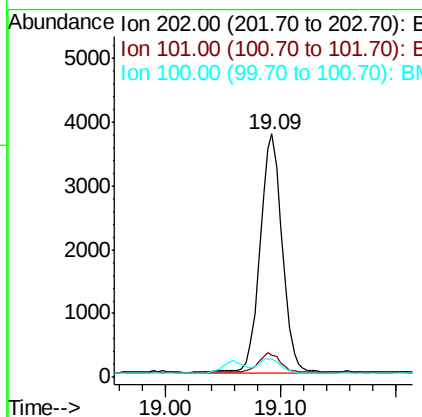
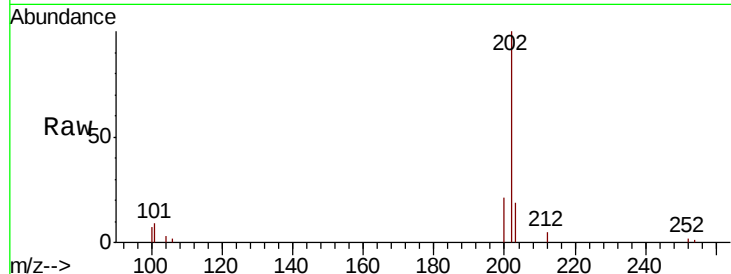
ClientSampleId :

DBDM5

Tot Ion:	202	Resp:	4991
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	27.5
100	7.4	0.0	26.0

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM



#17

Pyrene

Concen: 0.188 ng/ul

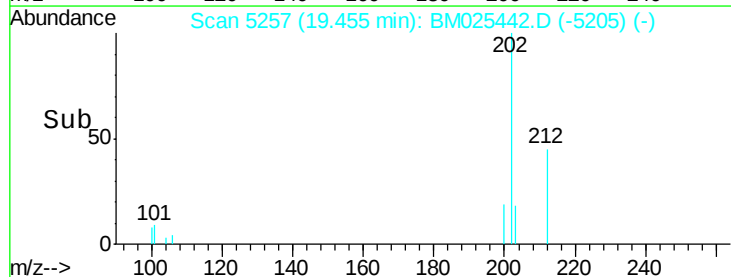
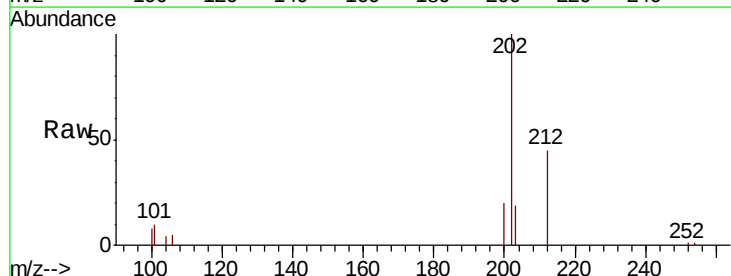
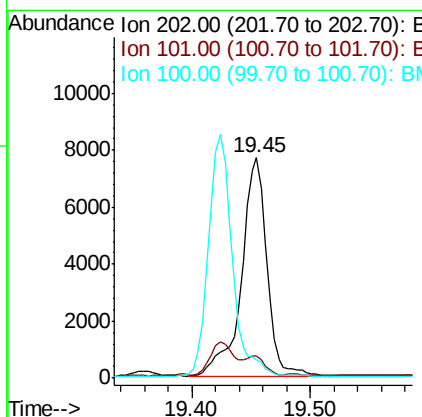
RT: 19.45 min Scan# 5257

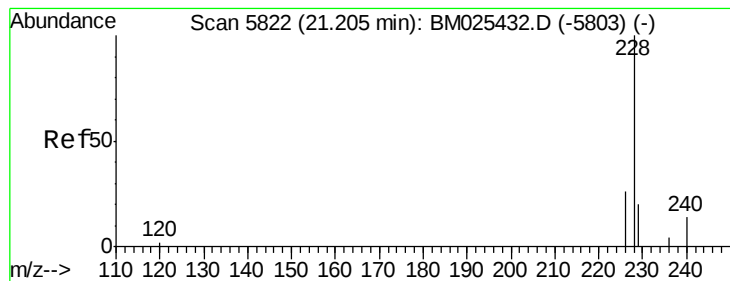
Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Tgt Ion:	202	Resp:	11487
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.1	10.7
100	8.5	6.0	9.0





#18

Benzo(a)anthracene

Concen: 0.147 ng/ul

RT: 21.20 min Scan# 5822

Delta R.T. -0.00 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Instrument :

BNA_M

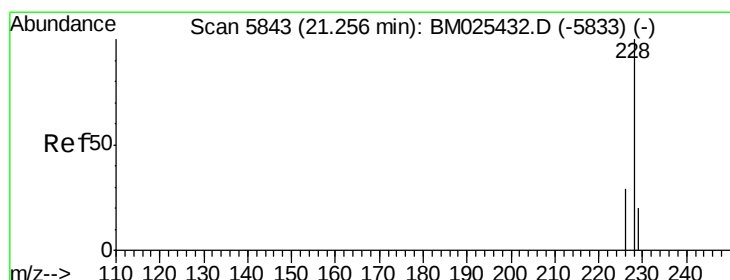
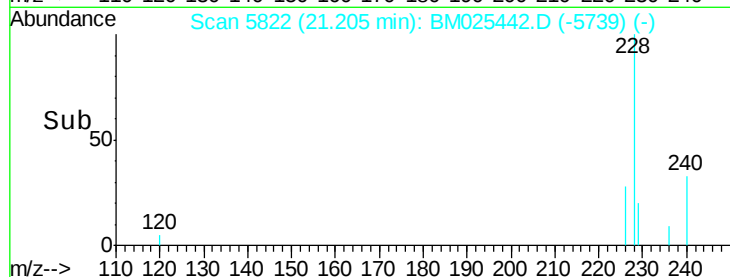
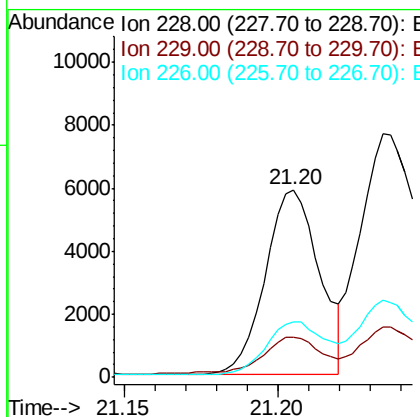
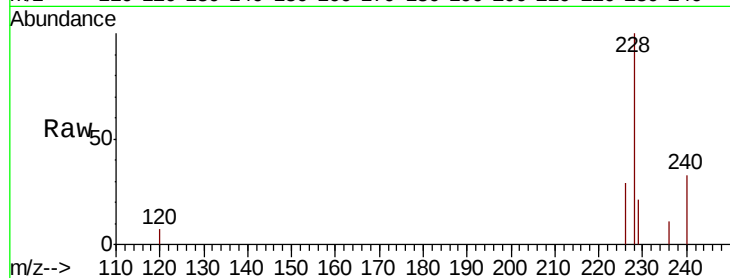
ClientSampled :

DBDM5

Tot Ion:	228	Resp:	7174
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	29.2	21.1	31.7

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM



#19

Chrysene

Concen: 0.265 ng/ul

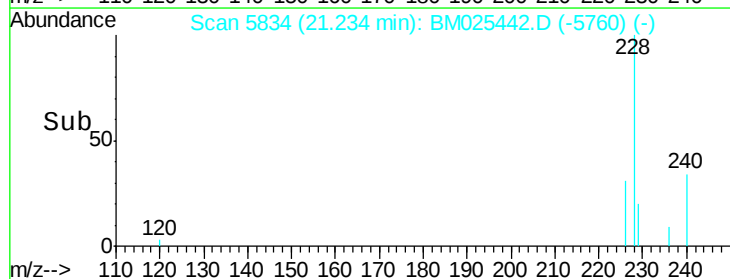
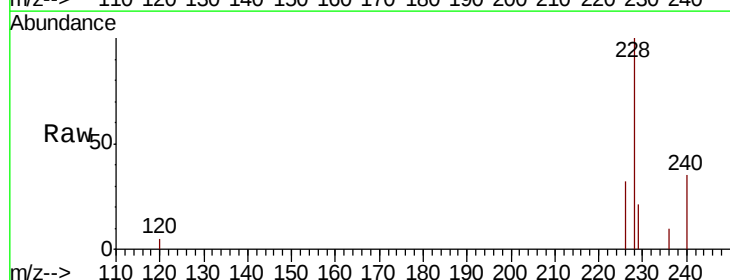
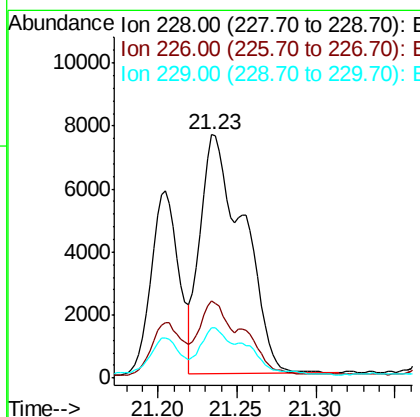
RT: 21.23 min Scan# 5834

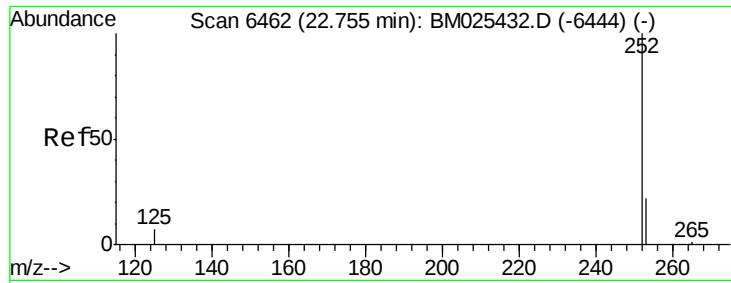
Delta R.T. -0.02 min

Lab File: BM025442.D

Acq: 10 Mar 2020 08:42

Tgt Ion:	228	Resp:	14515
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.6	35.4
229	20.6	16.3	24.5





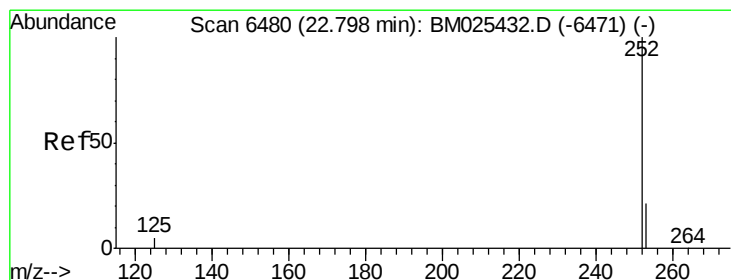
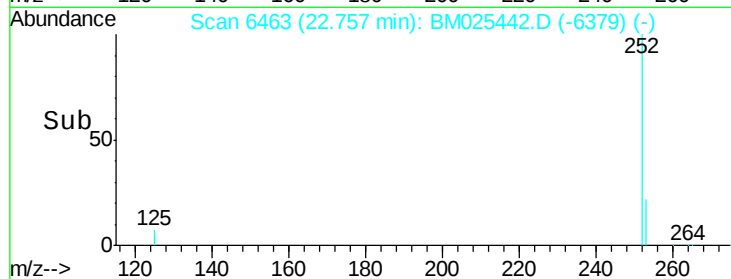
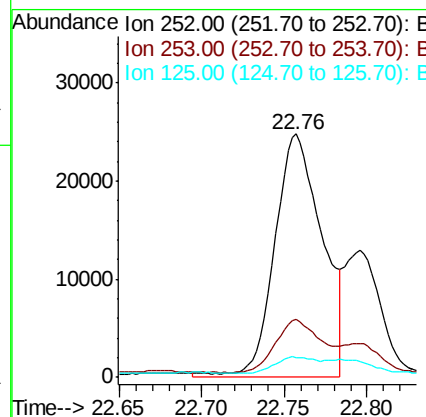
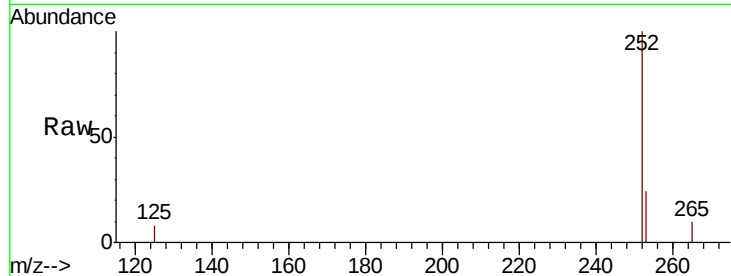
#21
Benzo(b)fluoranthene
Concen: 0.927 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Instrument :
BNA_M
ClientSampleId :
DBDM5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	50.2
125	8.3	0.0	17.6

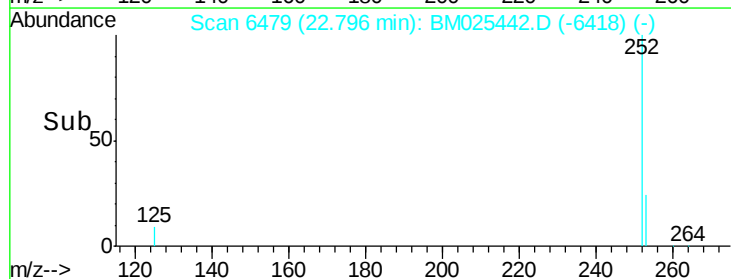
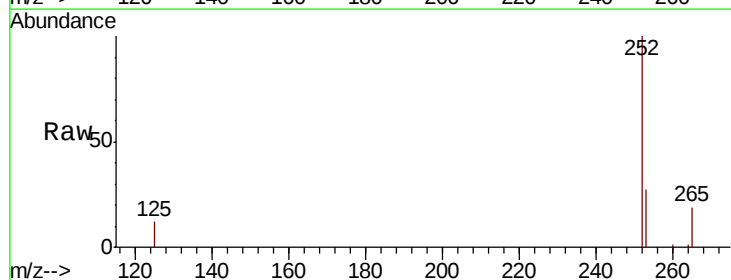
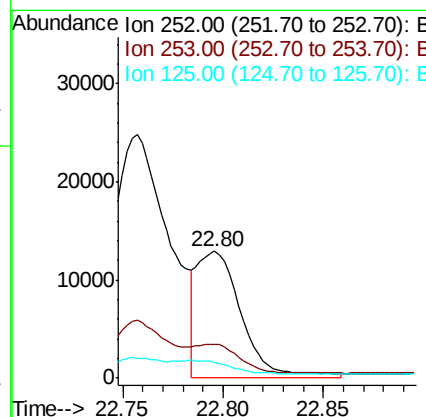
Manual Integrations
APPROVED

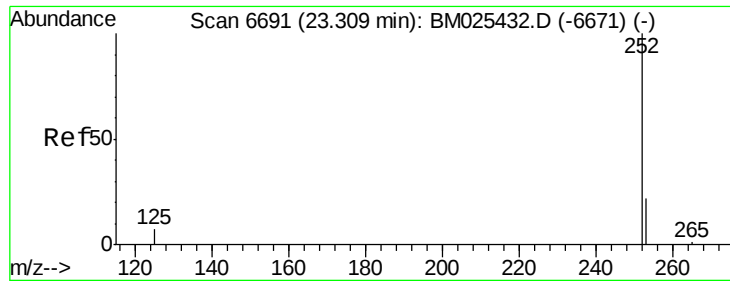
mohammad
3/11/2020 8:01:00 AM



#22
Benzo(k)fluoranthene
Concen: 0.361 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.8	29.8
125	12.1	7.1	10.7#





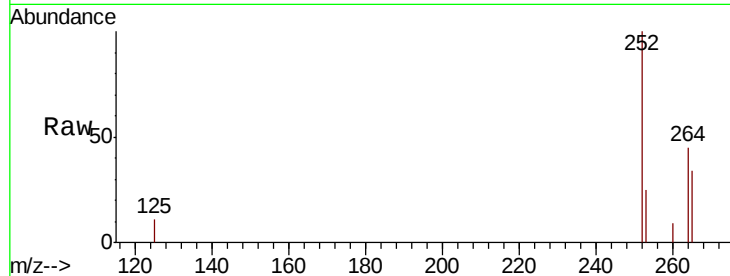
#23
Benzo(a)pyrene
Concen: 0.378 ng/u1
RT: 23.31 min Scan# 6691
Delta R.T. -0.00 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Instrument :
BNA_M
ClientSampled :
DBDM5

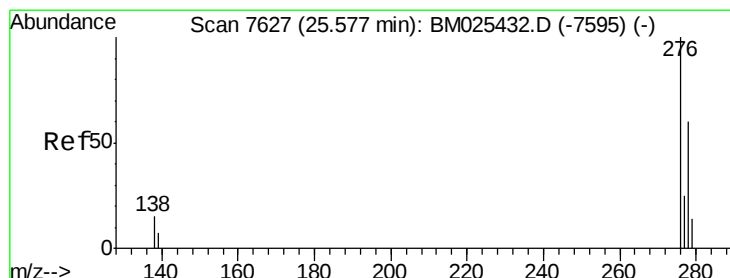
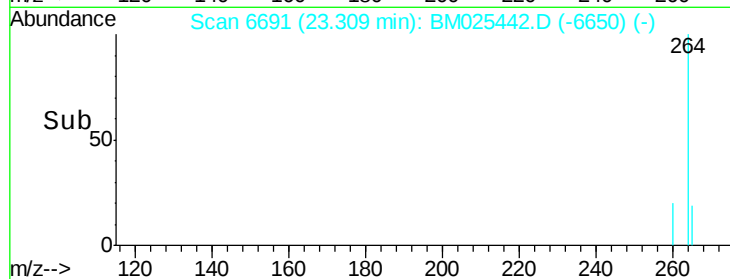
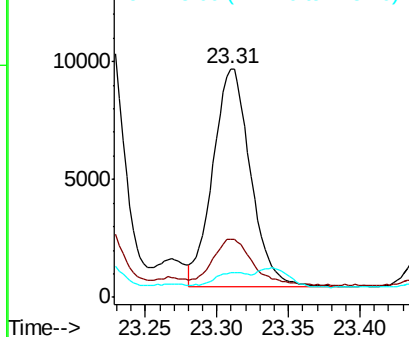
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.3	31.9
125	11.0	8.5	12.7

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM



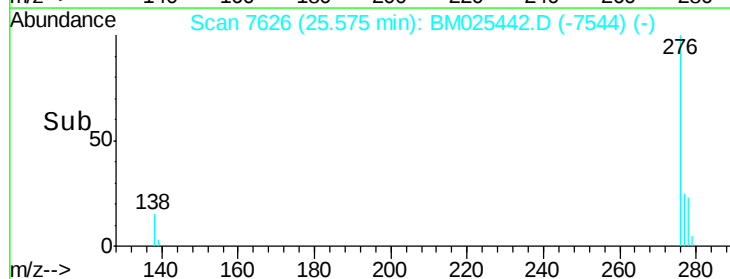
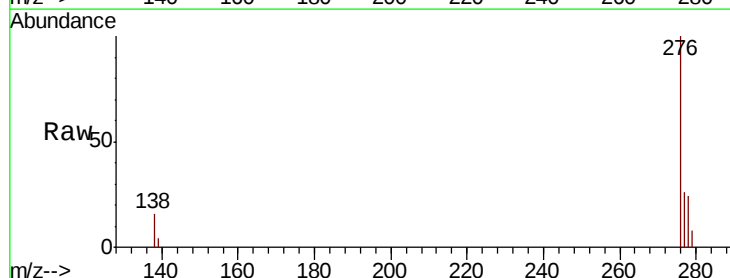
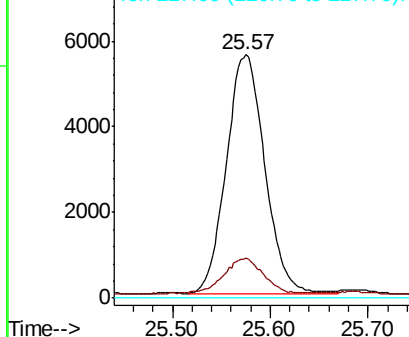
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

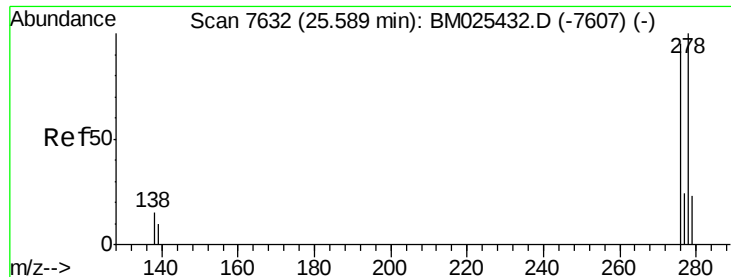


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/u1
RT: 25.57 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.3	18.5
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





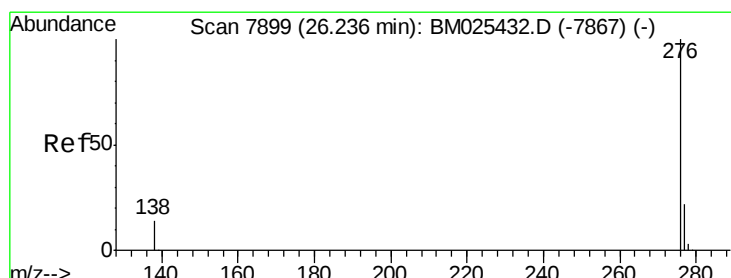
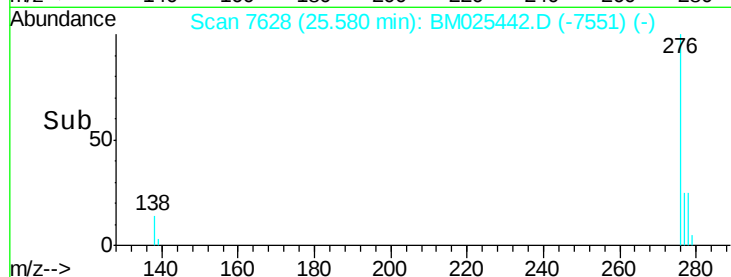
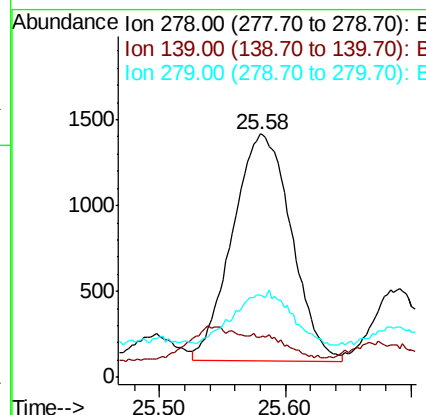
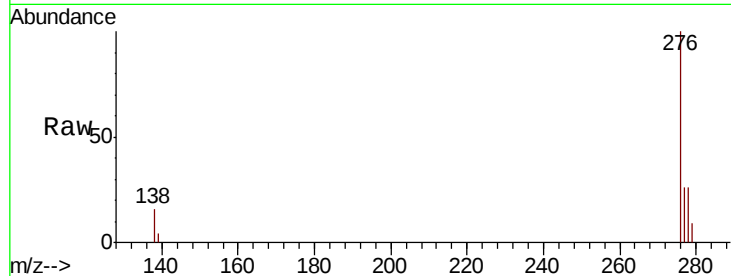
#25
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Instrument :
BNA_M
ClientSampleId :
DBDM5

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	9.0	13.6#
279	33.9	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:00 AM



#26
Benzo(g,h,i)perylene
Concen: 0.155 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025442.D
Acq: 10 Mar 2020 08:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	11.0	16.4#
277	26.5	19.8	29.6

