

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025278.D
 Acq On : 05 Mar 2020 08:35
 Operator : CG/JU
 Sample : L1543-12
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD94

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:31:01 PM

Quant Time: Mar 05 14:06:10 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 : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14929	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11280	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	27284m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26817	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	24996	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7184	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	25892	0.29	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	1619	0.031	ng/ul	94
12) Phenanthrene	17.08	178	2313	0.026	ng/ul	95
13) Anthracene	17.17	178	6008	0.077	ng/ul	97
15) Fluoranthene	19.10	202	32594	0.296	ng/ul	96
17) Pyrene	19.46	202	49192m	0.484	ng/ul	
18) Benzo(a)anthracene	21.21	228	22030	0.223	ng/ul	98
19) Chrysene	21.27	228	38123	0.352	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	75651m	0.756	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	25291m	0.241	ng/ul	
23) Benzo(a)pyrene	23.33	252	21978	0.262	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	18992	0.181	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	4523	0.052	ng/ul#	79
26) Benzo(g,h,i)perylene	26.26	276	11803	0.133	ng/ul#	95

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

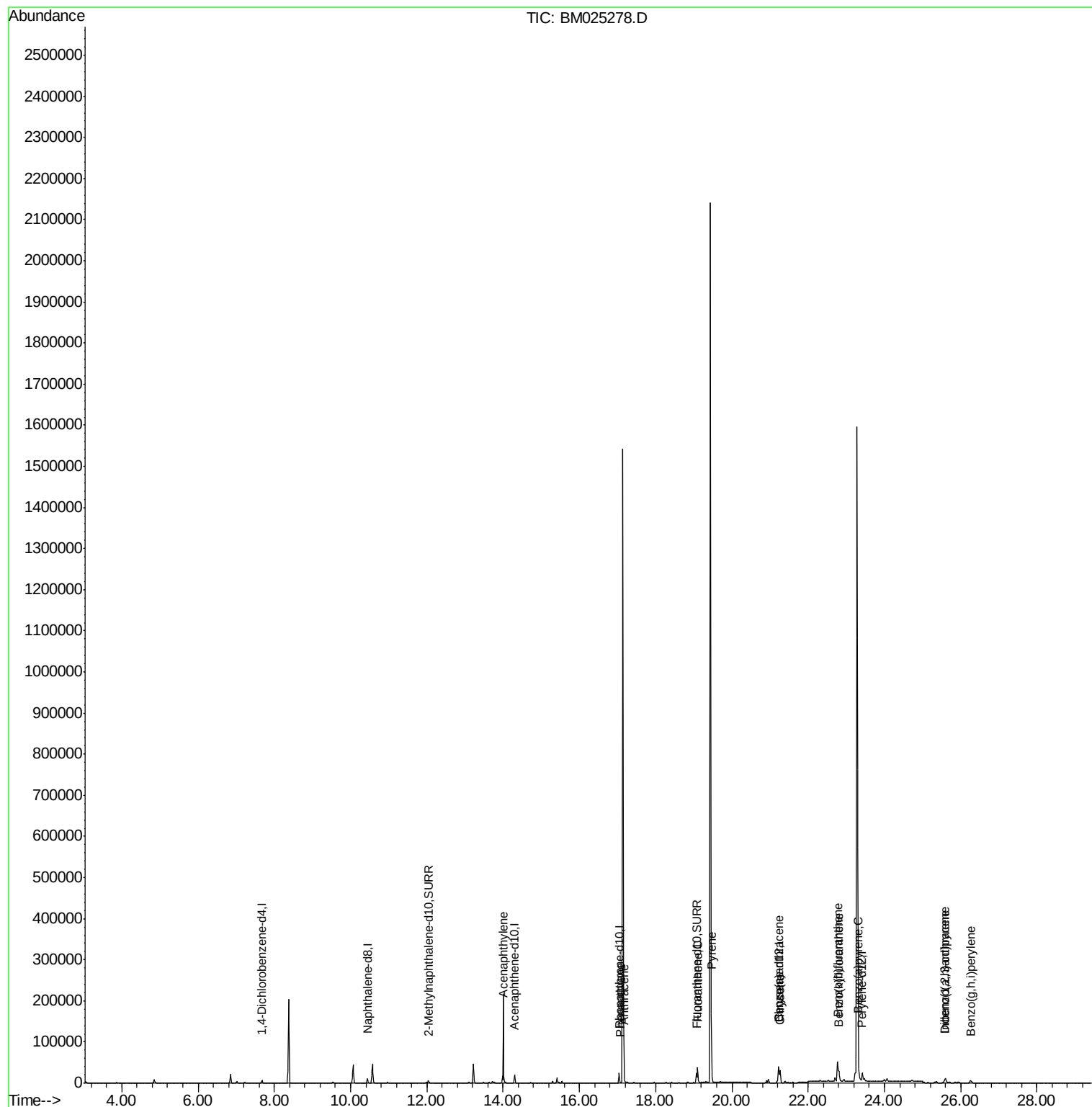
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

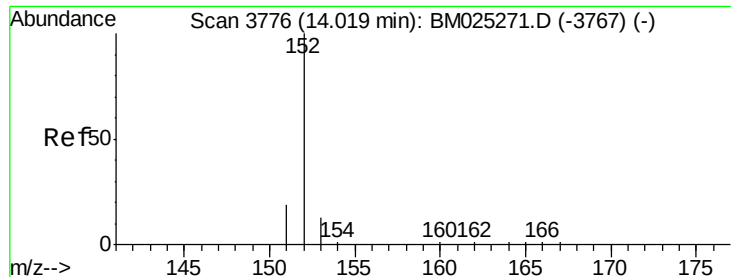
Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations
APPROVED

mohammad
3/5/2020 3:31:01 PM

Quant Time: Mar 05 14:06:10 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 : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.00 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Instrument :

BNA_M

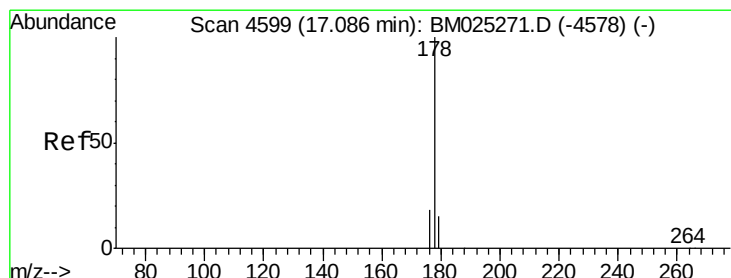
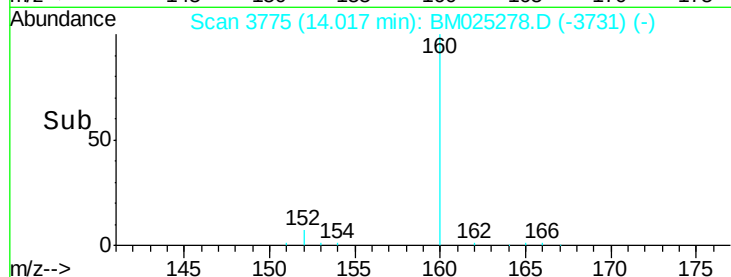
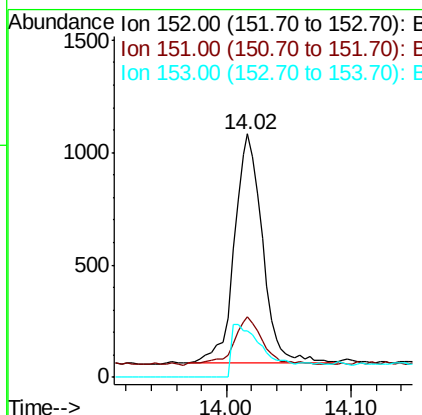
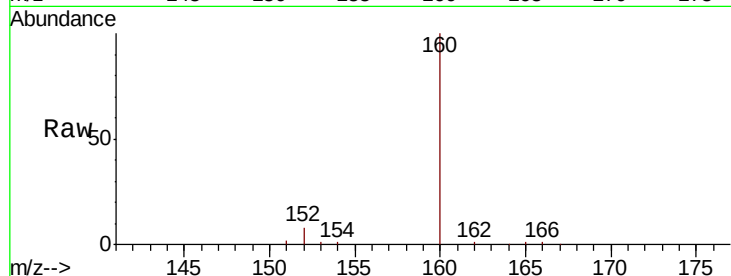
ClientSampleId :

DBD94

Tot Ion:	152	Resp:	1619
Ion Ratio	Lower	Upper	
152	100		
151	24.7	17.8	26.8
153	19.4	13.3	19.9

Manual Integrations
APPROVED

mohammad
3/5/2020 3:31:01 PM



#12

Phenanthrene

Concen: 0.026 ng/ul

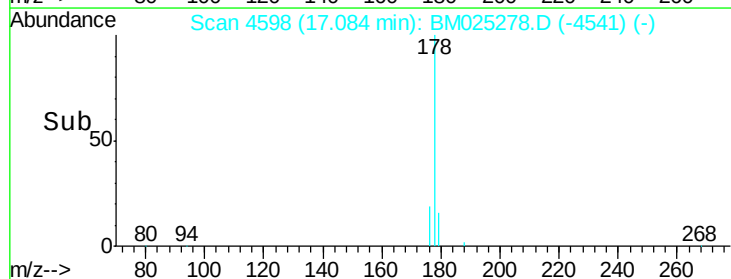
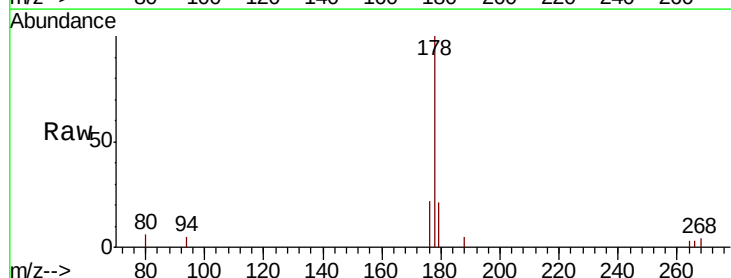
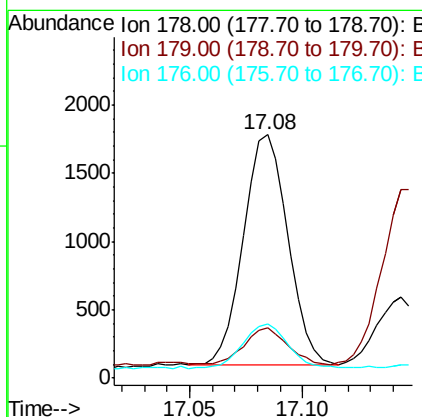
RT: 17.08 min Scan# 4598

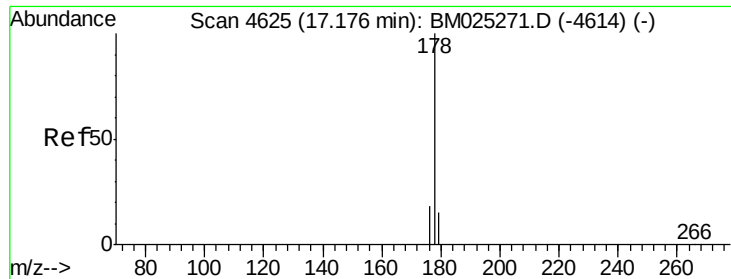
Delta R.T. -0.00 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Tgt Ion:	178	Resp:	2313
Ion Ratio	Lower	Upper	
178	100		
179	20.9	14.0	21.0
176	22.0	16.6	24.8





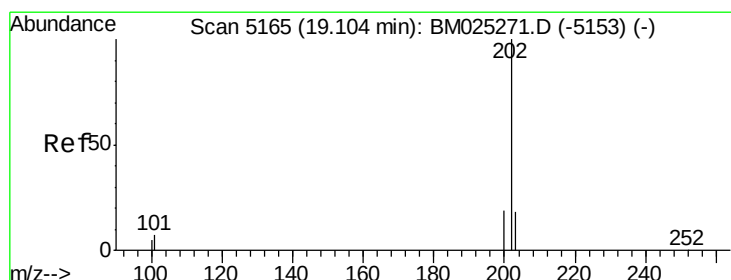
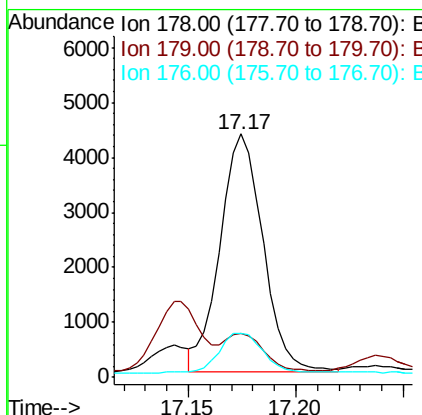
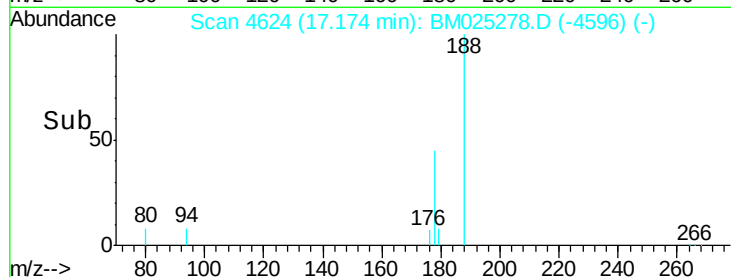
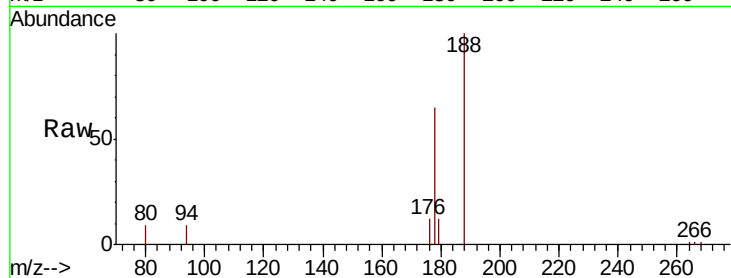
#13
 Anthracene
 Concen: 0.077 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Instrument :
 BNA_M
 ClientSampleId :
 DBD94

Tot Ion:178	Resp:	6008
Ion Ratio	Lower	Upper
178	100	
179	18.3	14.1 21.1
176	18.2	16.2 24.4

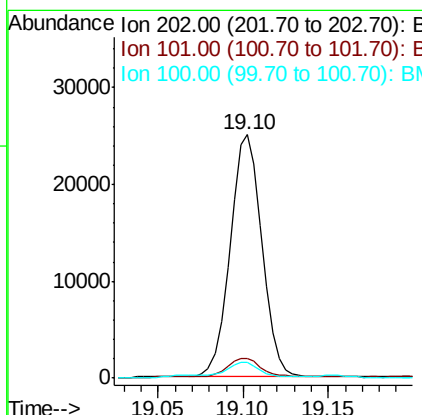
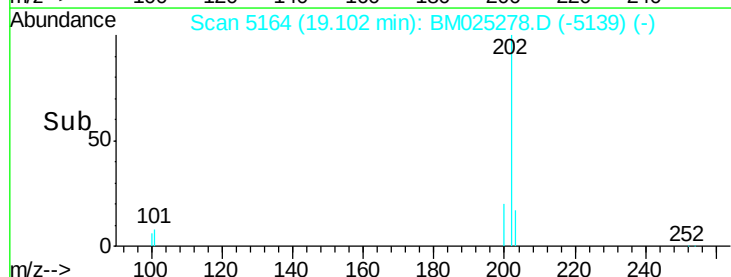
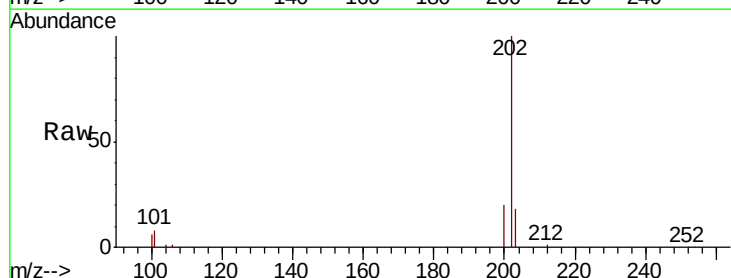
Manual Integrations
 APPROVED

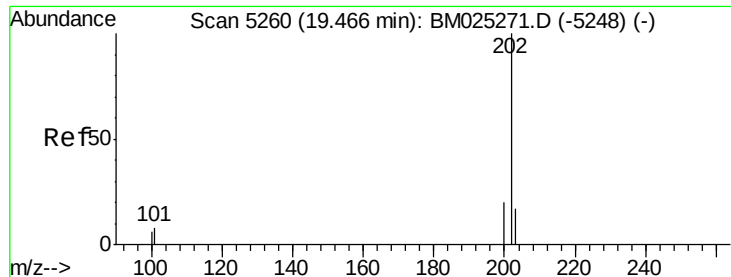
mohammad
 3/5/2020 3:31:01 PM



#15
 Fluoranthene
 Concen: 0.296 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Tgt Ion:202	Resp:	32594
Ion Ratio	Lower	Upper
202	100	
101	8.1	0.0 29.4
100	6.3	0.0 28.0





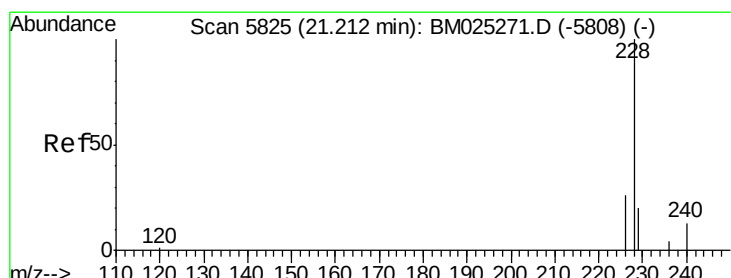
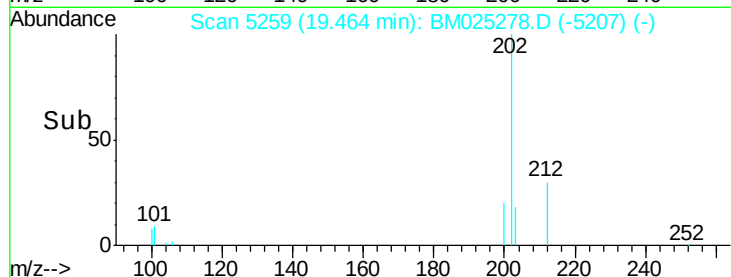
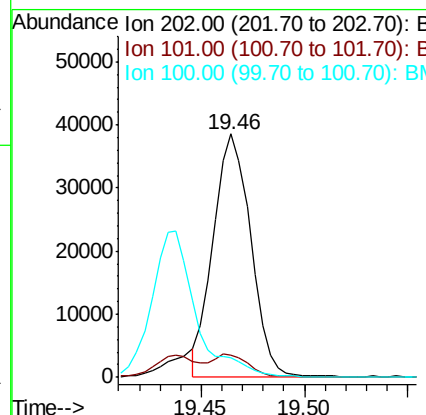
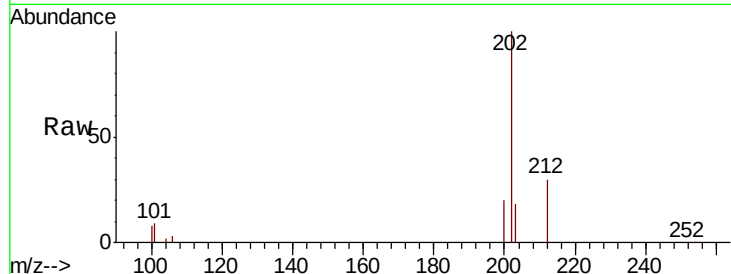
#17
 Pyrene
 Concen: 0.484 ng/ul m
 RT: 19.46 min Scan# 5259
 Delta R.T. -0.00 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Instrument :
 BNA_M
 ClientSampled :
 DBD94

Tot Ion:	202	Resp:	49192
Ion Ratio	Lower	Upper	
202	100		
101	9.3	8.7	13.1
100	7.9	7.3	10.9

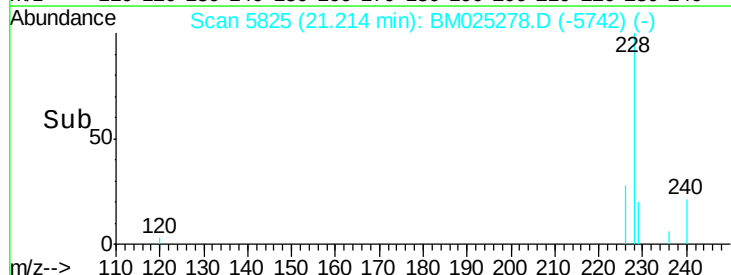
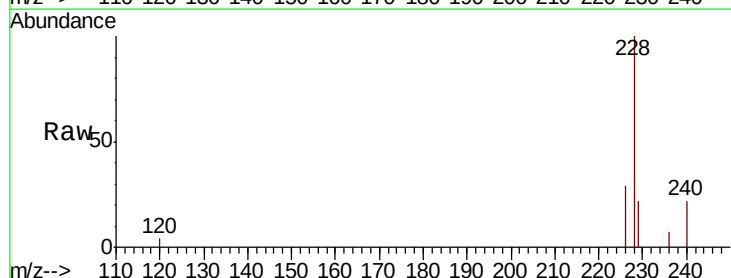
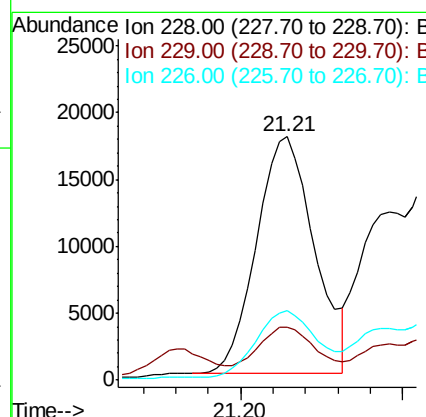
Manual Integrations
 APPROVED

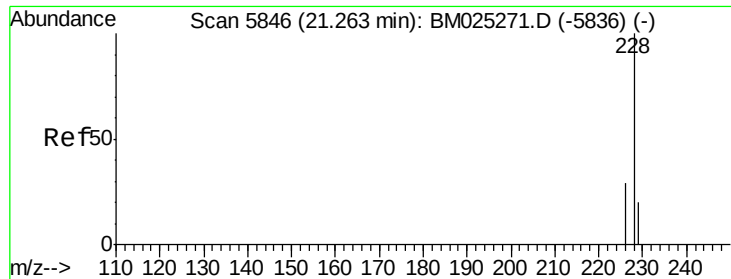
mohammad
 3/5/2020 3:31:01 PM



#18
 Benzo(a)anthracene
 Concen: 0.223 ng/ul
 RT: 21.21 min Scan# 5825
 Delta R.T. 0.00 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Tgt Ion:	228	Resp:	22030
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.6	25.0
226	28.6	21.9	32.9





#19

Chrysene

Concen: 0.352 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Instrument :

BNA_M

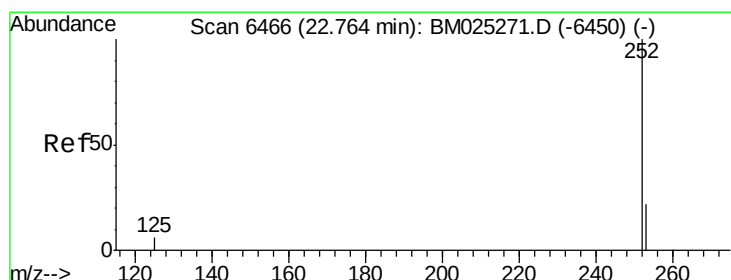
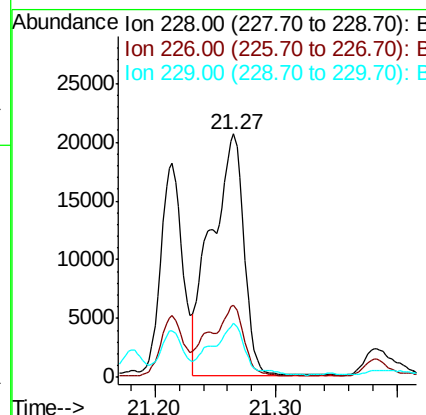
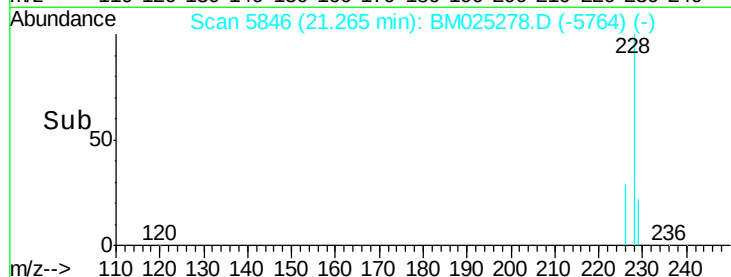
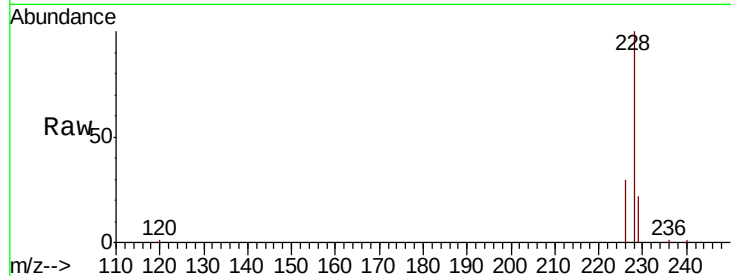
ClientSampled :

DBD94

Tot Ion:228	Resp:	38123
Ion Ratio	Lower	Upper
228 100		
226 29.7	23.8	35.8
229 22.3	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/5/2020 3:31:01 PM



#21

Benzo(b)fluoranthene

Concen: 0.756 ng/ul m

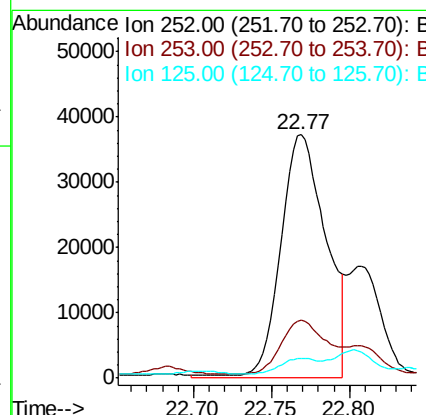
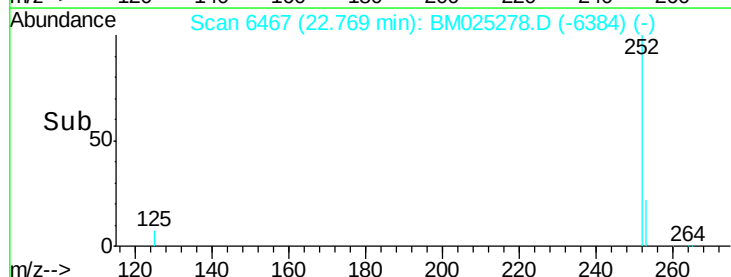
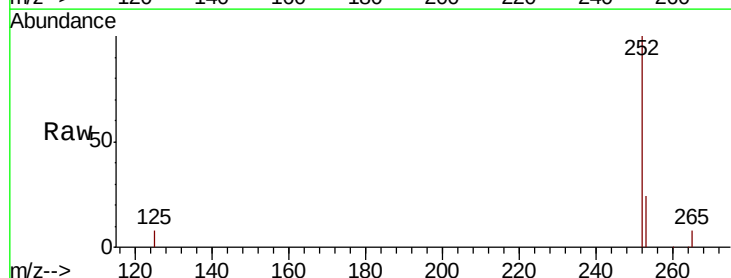
RT: 22.77 min Scan# 6467

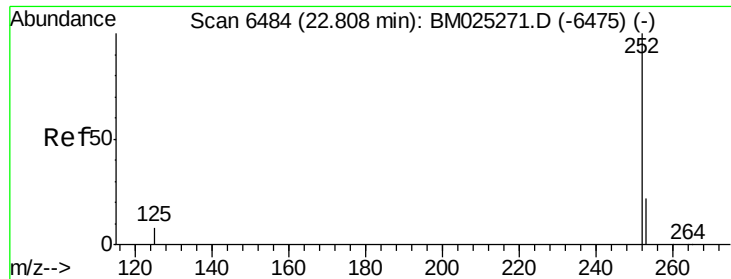
Delta R.T. 0.00 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Tgt Ion:252	Resp:	75651
Ion Ratio	Lower	Upper
252 100		
253 23.7	0.0	49.8
125 8.3	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.241 ng/ul

RT: 22.81 min Scan# 6482

Delta R.T. -0.01 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Instrument :

BNA_M

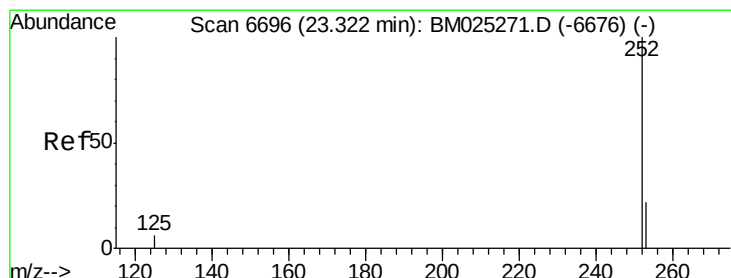
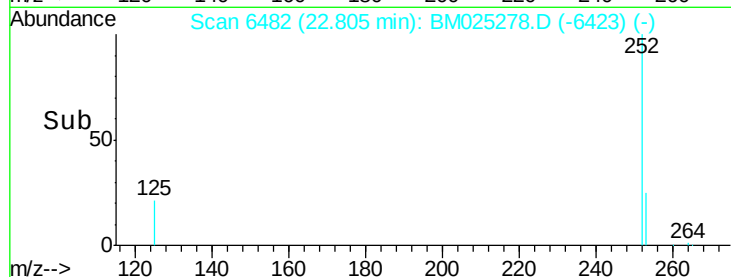
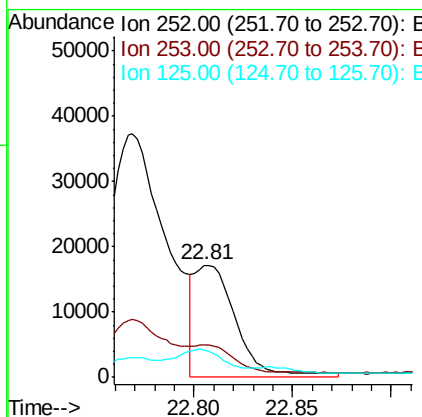
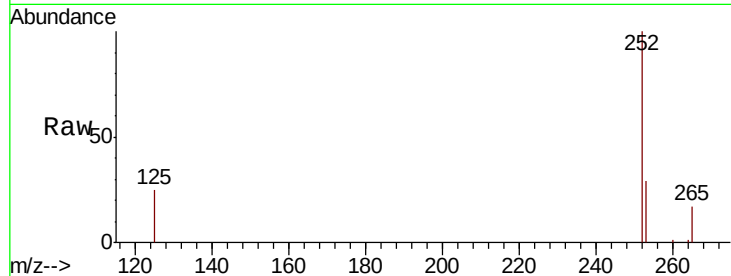
ClientSampleId :

DBD94

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.4	29.0
125	24.6	10.7	16.1

Manual Integrations
APPROVED

mohammad
3/5/2020 3:31:01 PM



#23

Benzo(a)pyrene

Concen: 0.262 ng/ul

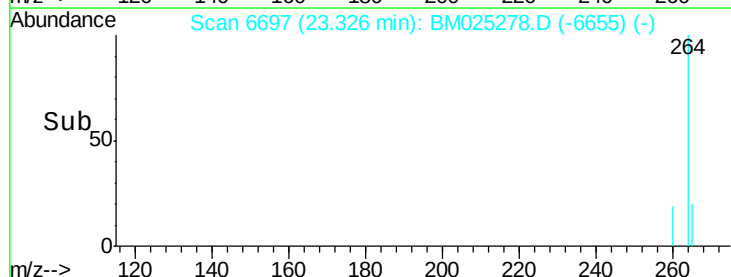
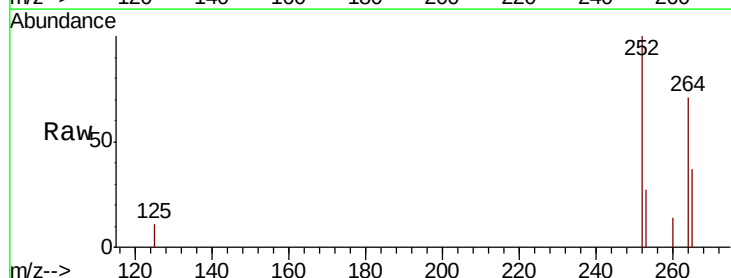
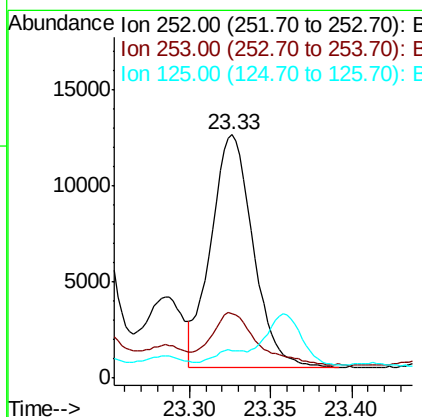
RT: 23.33 min Scan# 6697

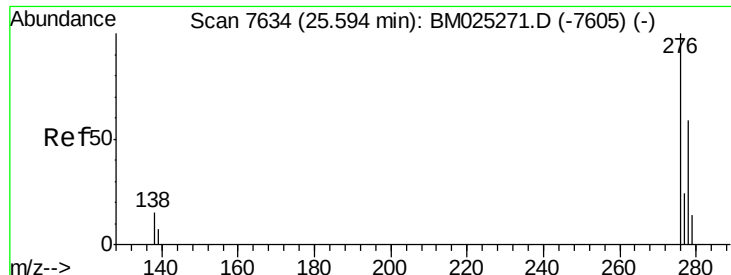
Delta R.T. 0.00 min

Lab File: BM025278.D

Acq: 05 Mar 2020 08:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.3	30.5
125	11.3	13.0	19.4





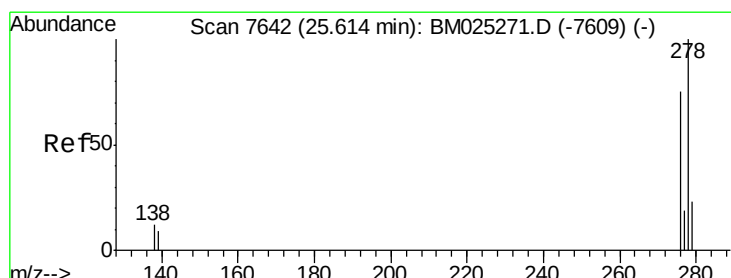
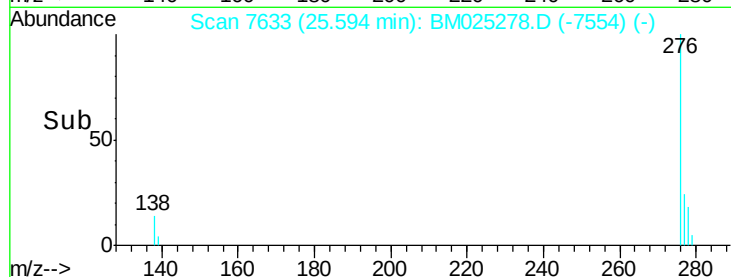
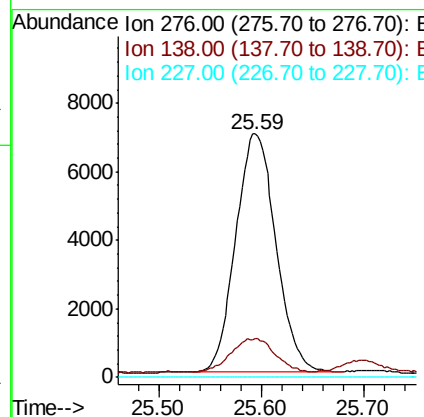
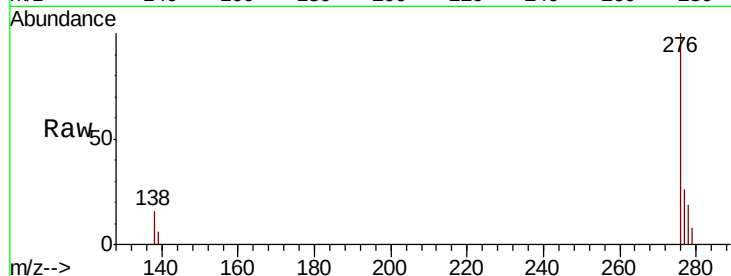
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.181 ng/ul
 RT: 25.59 min Scan# 7633
 Delta R.T. -0.01 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Instrument :
 BNA_M
 ClientSampleId :
 DBD94

Tot Ion	Ratio	Resp	Lower	Upper
276	100	18992		
138	15.4	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

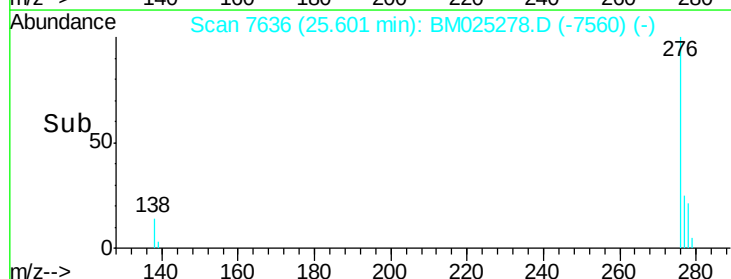
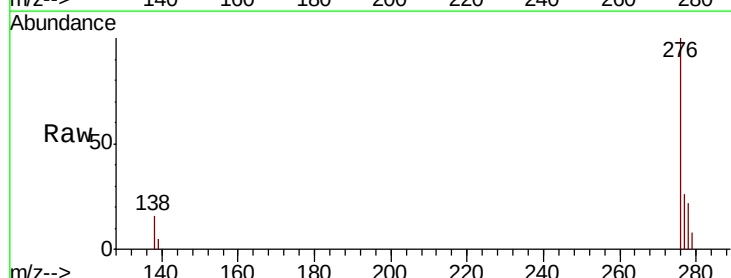
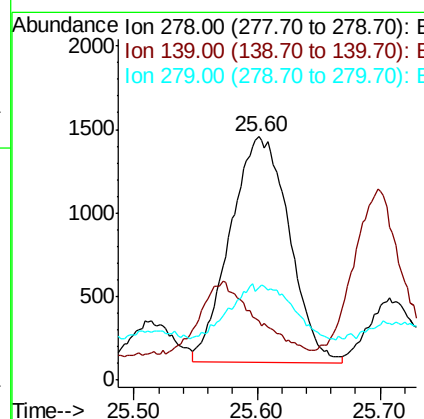
Manual Integrations
 APPROVED

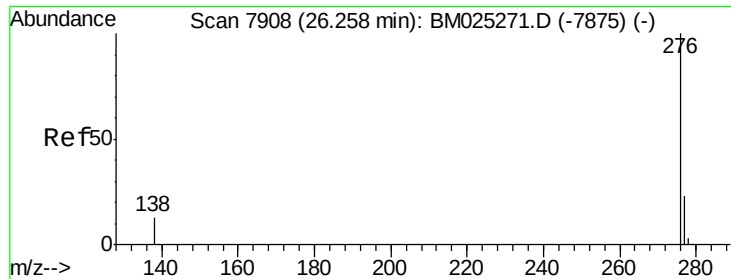
mohammad
 3/5/2020 3:31:01 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 25.60 min Scan# 7636
 Delta R.T. -0.02 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4523		
139	24.4	13.2	19.8	
279	37.8	21.0	31.4	





#26
 Benzo(a,h,i)perylene
 Concen: 0.133 ng/ul
 RT: 26.26 min Scan# 7907
 Delta R.T. -0.00 min
 Lab File: BM025278.D
 Acq: 05 Mar 2020 08:35

Instrument :
 BNA_M
 ClientSampleId :
 DBD94

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.9	26.9#
277	25.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:31:01 PM

