

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025929.D
 Acq On : 04 Apr 2020 01:24
 Operator : CG/JU
 Sample : L2062-08DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07DL

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:32 PM

Quant Time: Apr 04 02:06:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 22:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3374	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	14508	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9568	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	22518	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	23238	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	21890	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1374	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4233	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.92	152	9950	0.243	ng/ul	100
9) Fluorene	15.26	166	1449	0.034	ng/ul#	96
12) Phenanthrene	16.99	178	8172	0.115	ng/ul	97
13) Anthracene	17.08	178	70407	1.123	ng/ul	99
15) Fluoranthene	19.01	202	244140	2.785	ng/ul	99
17) Pyrene	19.37	202	437333	5.255	ng/ul	99
18) Benzo(a)anthracene	21.12	228	369130	4.444	ng/ul	98
19) Chrysene	21.17	228	682574	7.529	ng/ul	99
21) Benzo(b)fluoranthene	22.65	252	751712m	9.331	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	264120m	3.058	ng/ul	
23) Benzo(a)pyrene	23.19	252	313003	4.348	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.40	276	132401	1.373	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.40	278	38769	0.482	ng/ul	98
26) Benzo(g,h,i)perylene	26.04	276	72119	0.884	ng/ul	99

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

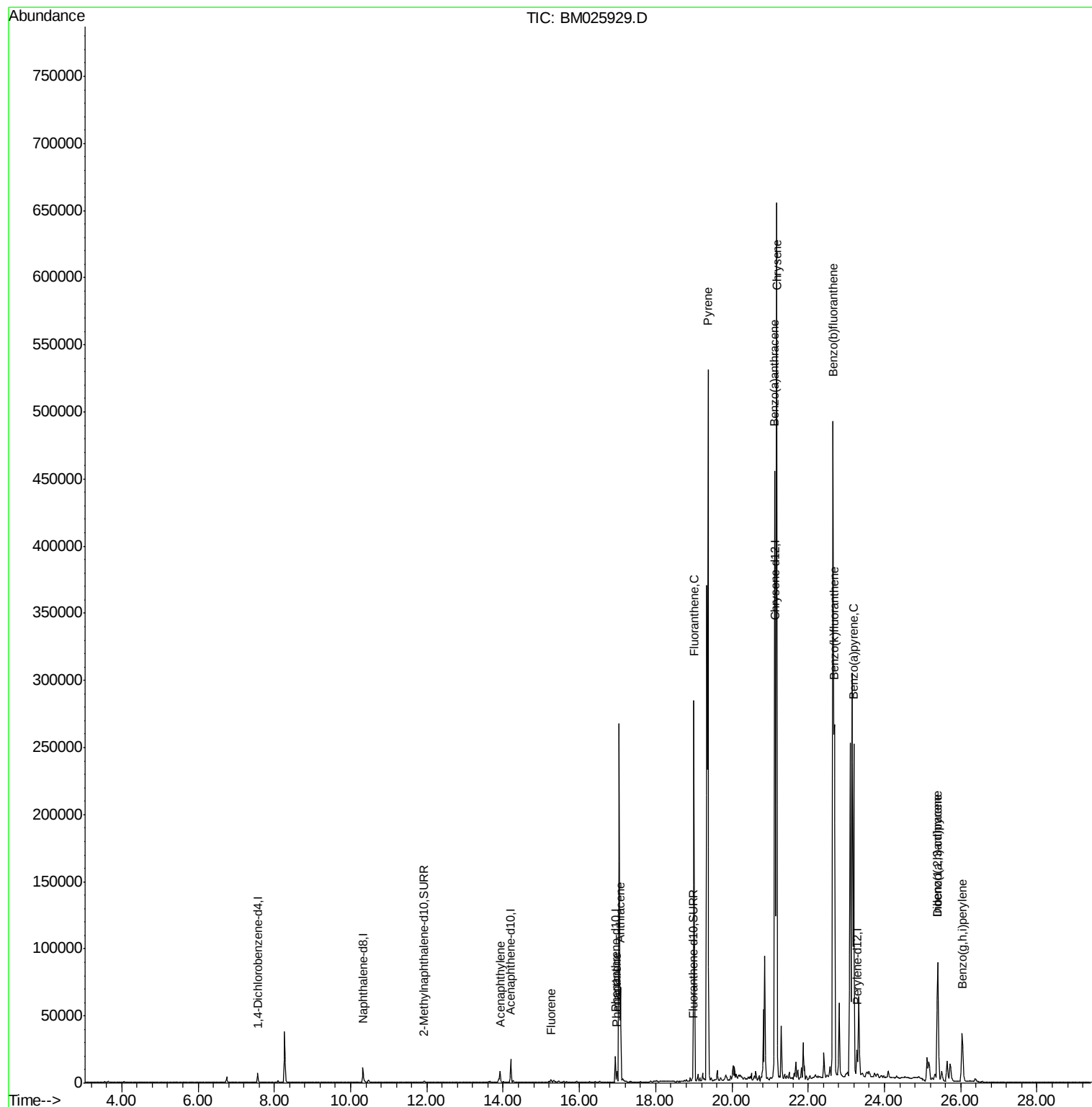
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025929.D
Acq On : 04 Apr 2020 01:24
Operator : CG/JU
Sample : L2062-08DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

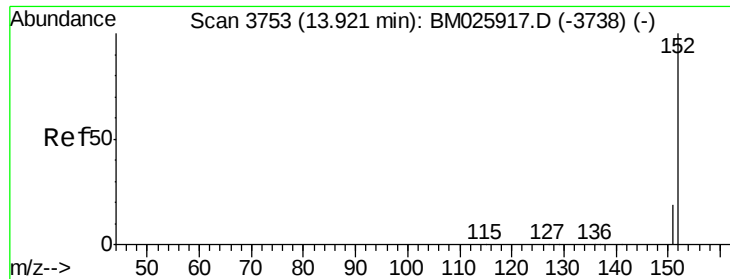
Instrument :
BNA_M
ClientSampleId :
F3E07DL

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM

Quant Time: Apr 04 02:06:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.243 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Instrument :

BNA_M

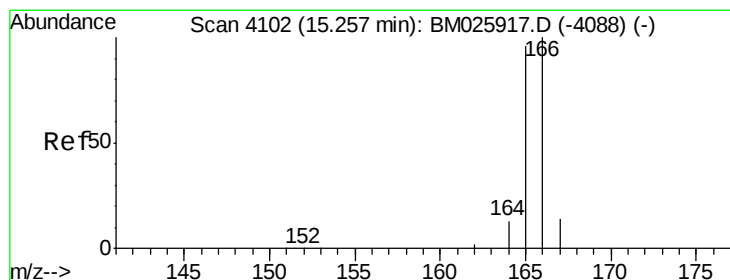
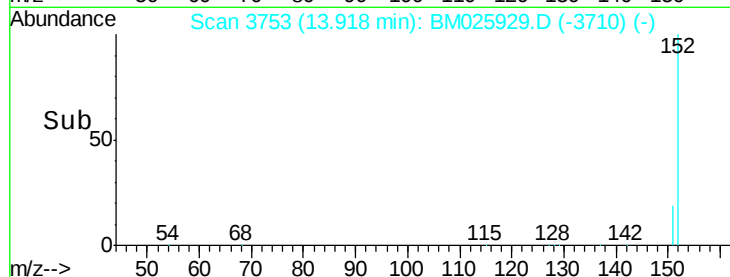
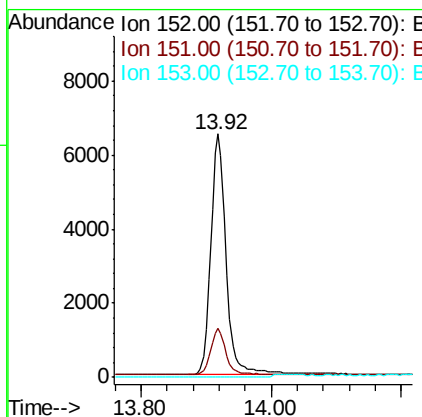
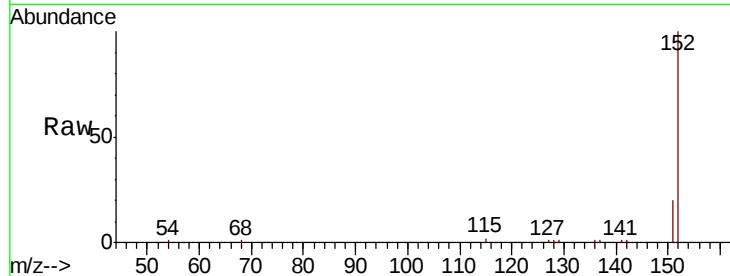
ClientSampleId :

F3E07DL

Tot Ion:	152	Resp:	9950
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM



#9

Fluorene

Concen: 0.034 ng/ul

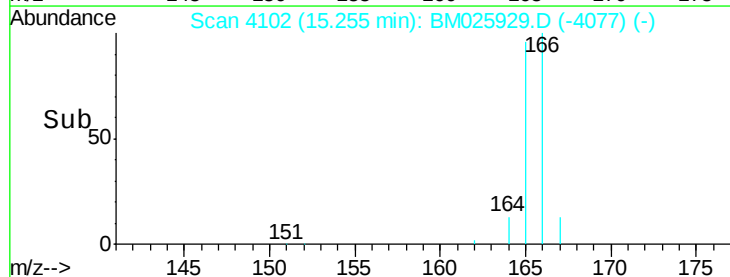
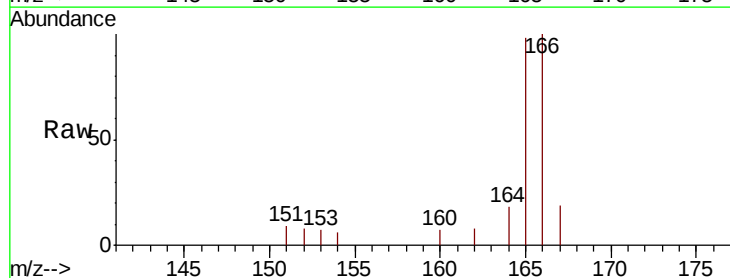
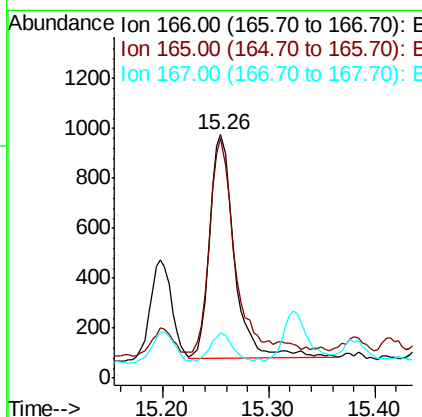
RT: 15.26 min Scan# 4102

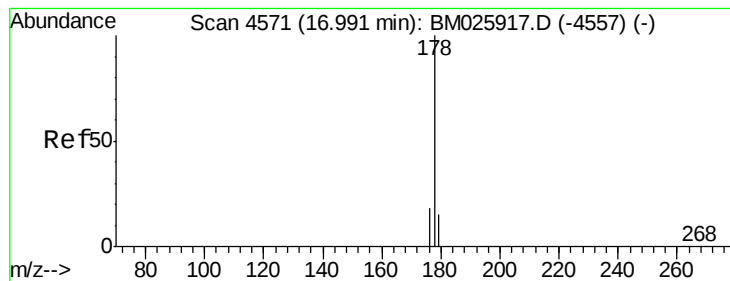
Delta R.T. -0.00 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Tgt Ion:	166	Resp:	1449
Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.6	115.0
167	18.8	11.4	17.0





#12

Phenanthrene

Concen: 0.115 ng/ul

RT: 16.99 min Scan# 4570

Delta R.T. -0.00 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Instrument :

BNA_M

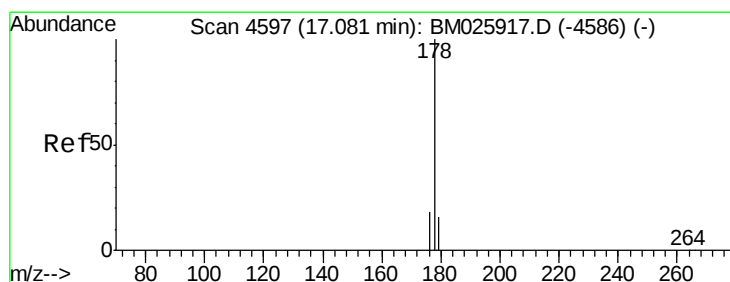
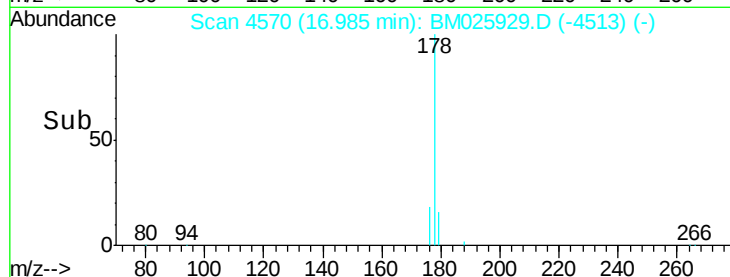
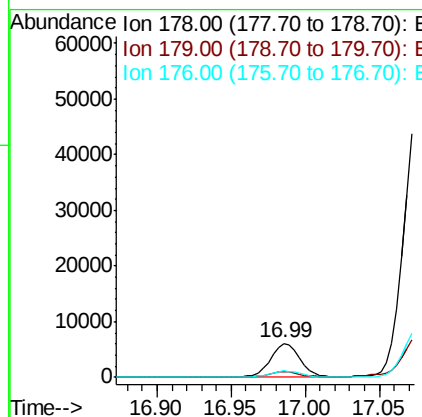
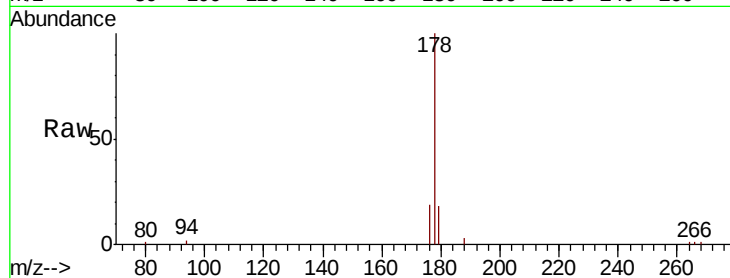
ClientSampled :

F3E07DL

Tot Ion:	178	Resp:	8172
Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.8	19.2
176	19.3	15.1	22.7

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM



#13

Anthracene

Concen: 1.123 ng/ul

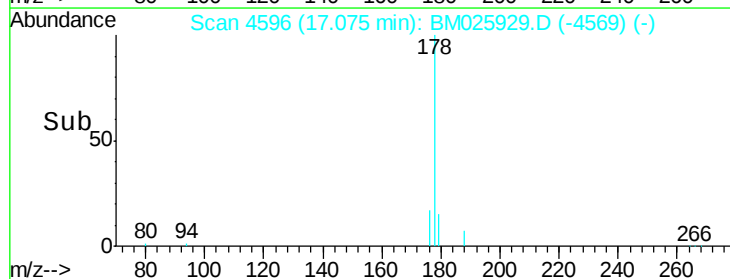
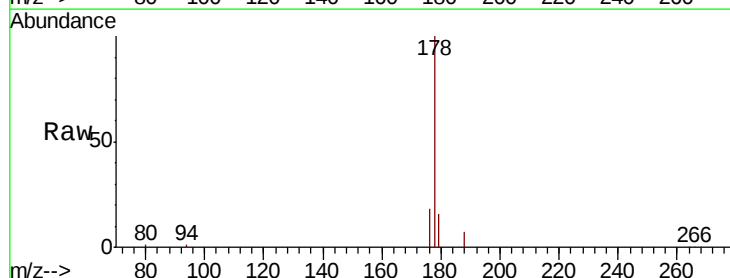
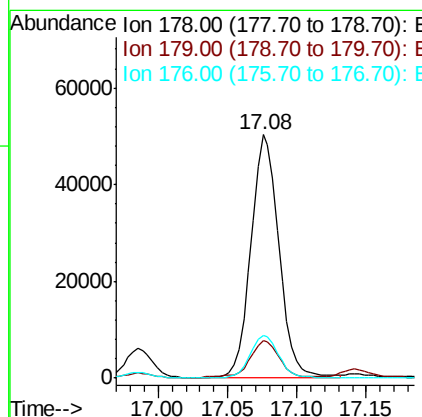
RT: 17.08 min Scan# 4596

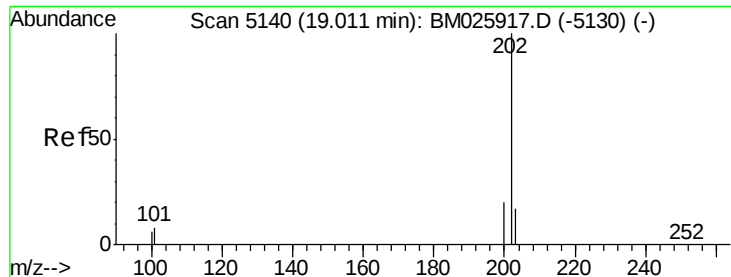
Delta R.T. -0.01 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Tgt Ion:	178	Resp:	70407
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.8	14.5	21.7





#15

Fluoranthene

Concen: 2.785 ng/ul

RT: 19.01 min Scan# 5140

Delta R.T. -0.00 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Instrument :

BNA_M

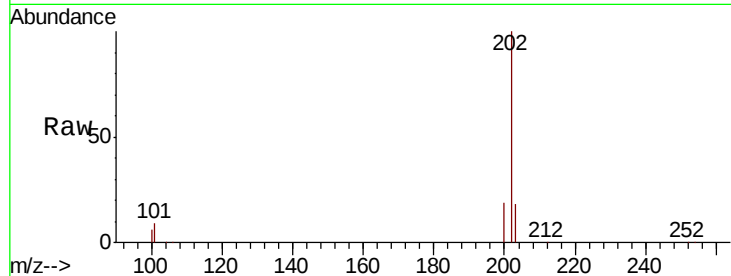
ClientSampled :

F3E07DL

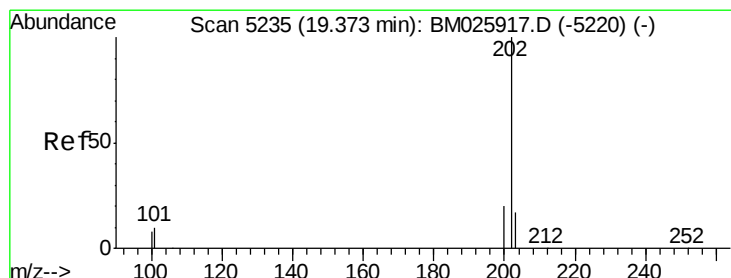
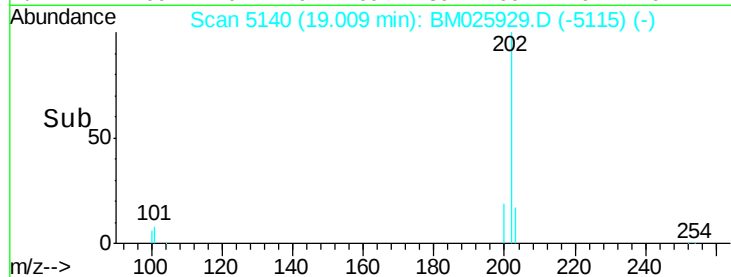
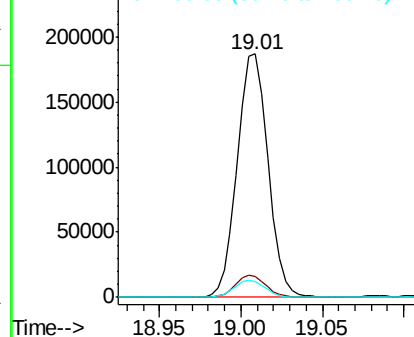
Tot Ion:	202	Resp:	244140
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	28.6
100	6.4	0.0	27.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM



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

Pyrene

Concen: 5.255 ng/ul

RT: 19.37 min Scan# 5235

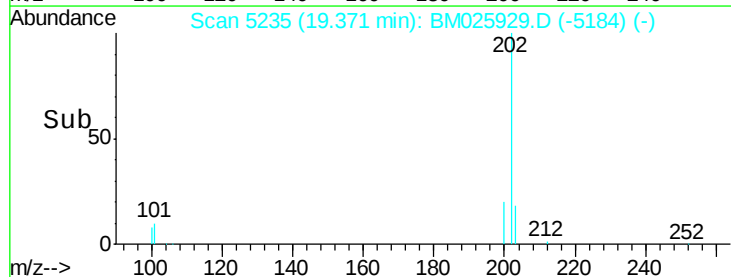
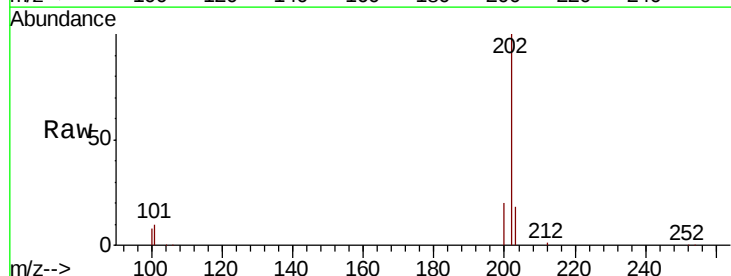
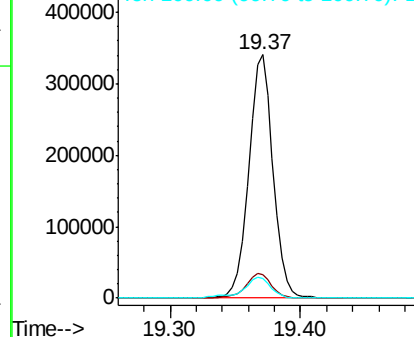
Delta R.T. -0.00 min

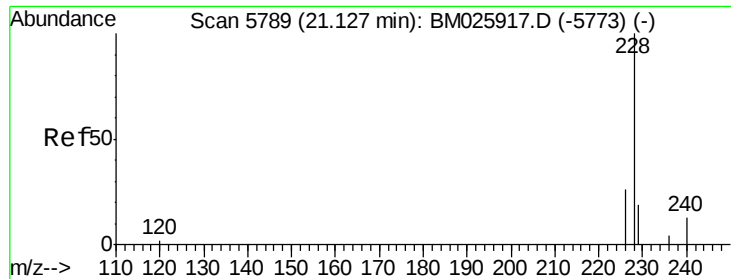
Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Tgt Ion:	202	Resp:	437333
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.5	11.3
100	8.1	6.3	9.5

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





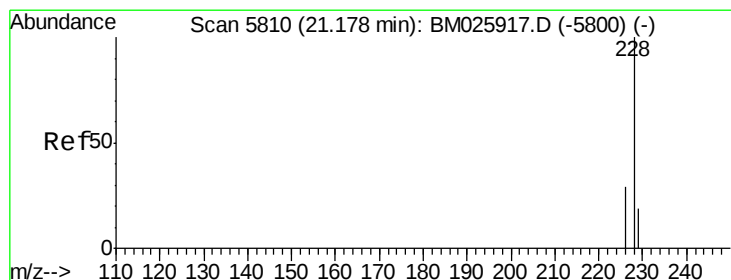
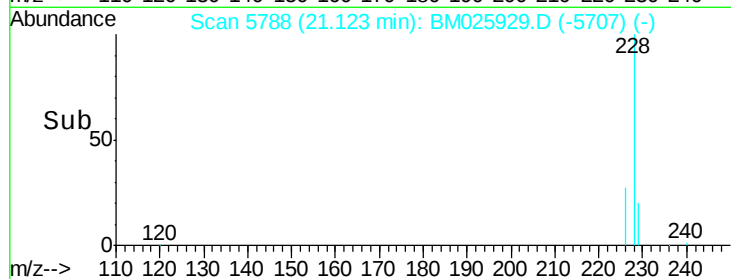
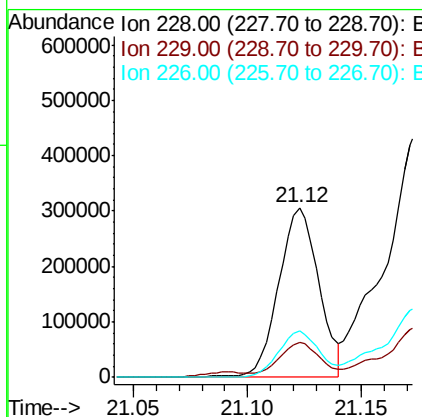
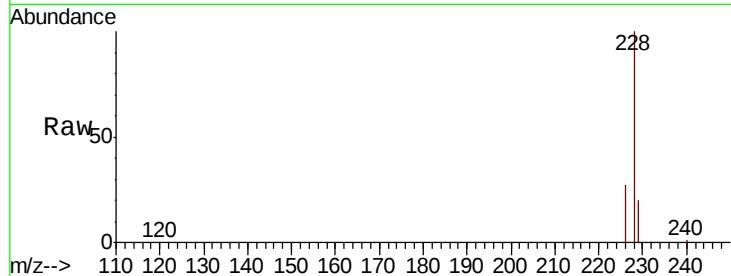
#18
Benzo(a)anthracene
Concen: 4.444 ng/ul
RT: 21.12 min Scan# 5788
Delta R.T. -0.00 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Instrument :
BNA_M
ClientSampled :
F3E07DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.1	20.9	31.3

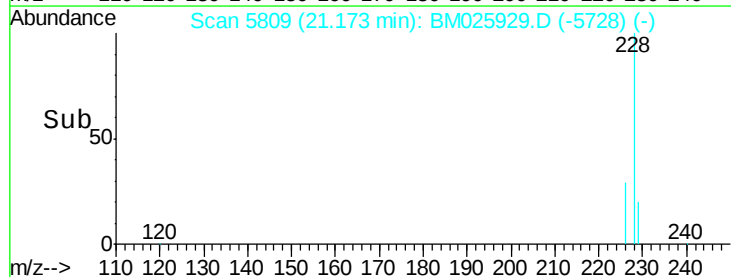
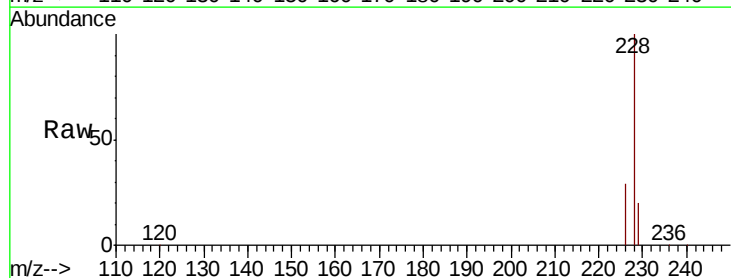
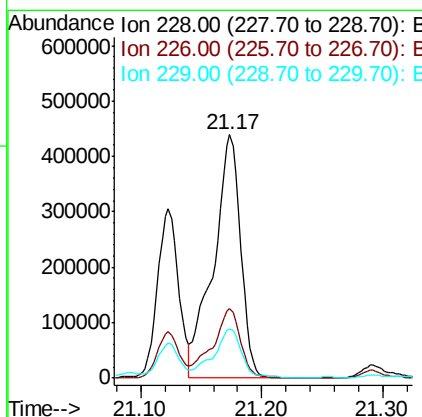
Manual Integrations
APPROVED

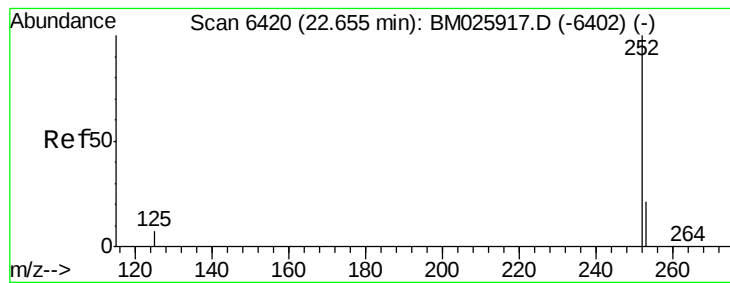
mohammad
4/6/2020 1:41:32 PM



#19
Chrysene
Concen: 7.529 ng/ul
RT: 21.17 min Scan# 5809
Delta R.T. -0.00 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	20.4	15.8	23.8





#21

Benzo(b)fluoranthene

Concen: 9.331 ng/ul m

RT: 22.65 min Scan# 6419

Delta R.T. -0.00 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Instrument :

BNA_M

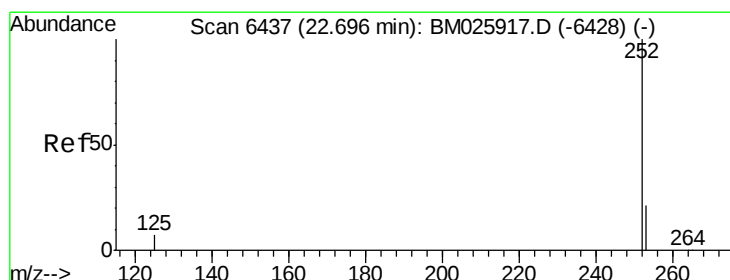
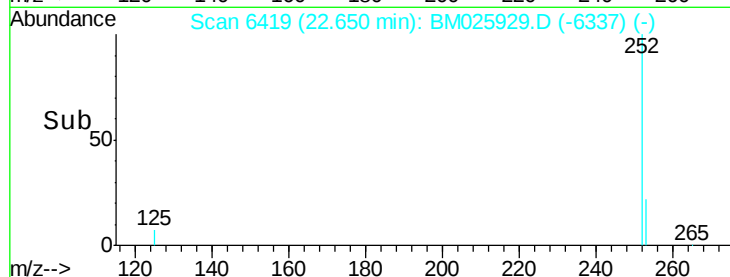
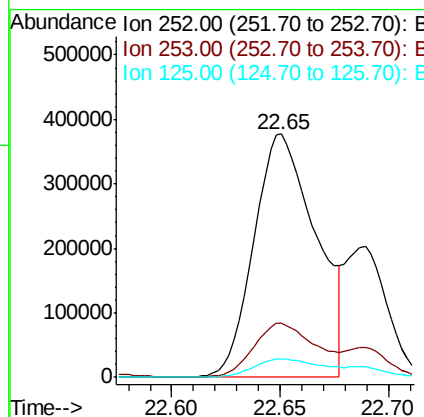
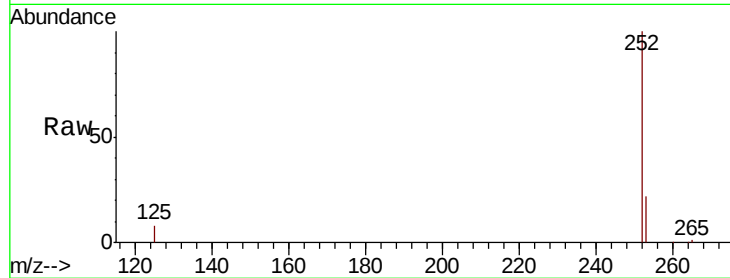
ClientSampled :

F3E07DL

Tot Ion:252	Resp:	751712
Ion Ratio	Lower	Upper
252	100	
253	22.4	0.0 46.6
125	7.6	0.0 15.4

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM



#22

Benzo(k)fluoranthene

Concen: 3.058 ng/ul m

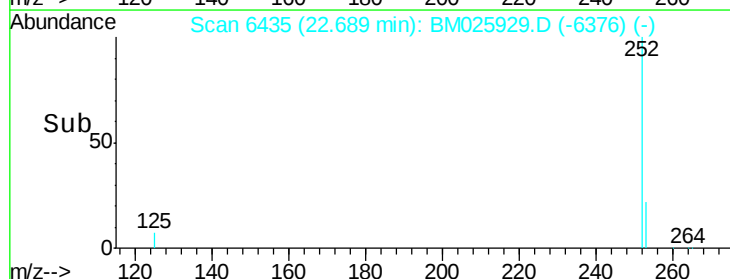
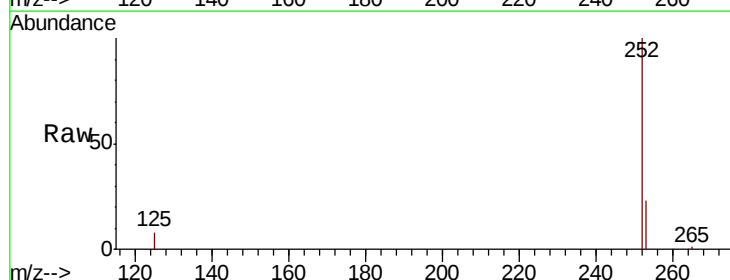
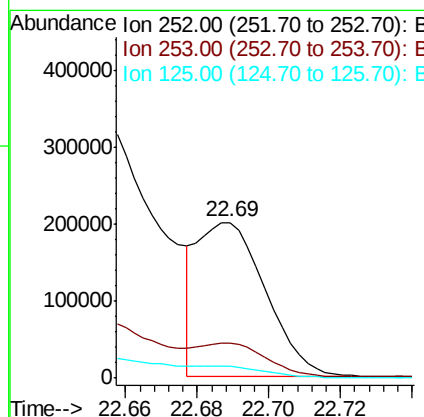
RT: 22.69 min Scan# 6435

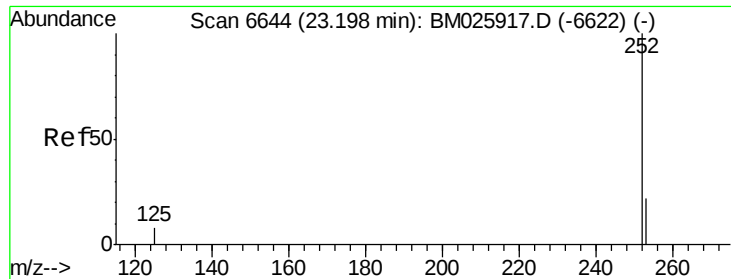
Delta R.T. -0.01 min

Lab File: BM025929.D

Acq: 04 Apr 2020 01:24

Tgt Ion:252	Resp:	264120
Ion Ratio	Lower	Upper
252	100	
253	22.7	19.0 28.4
125	7.7	6.7 10.1





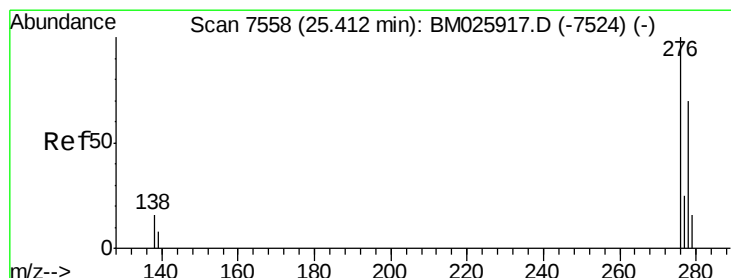
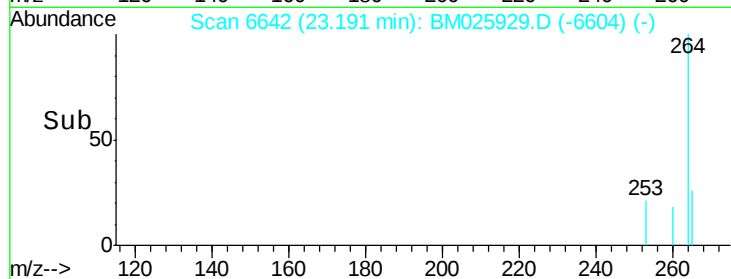
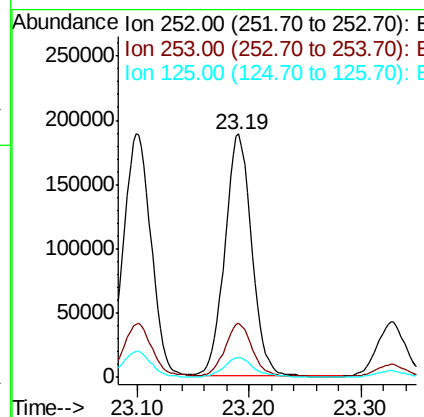
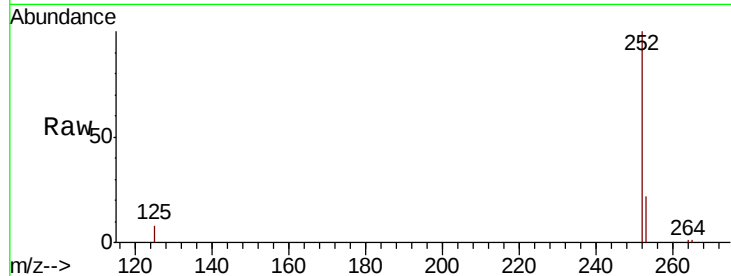
#23
Benzo(a)pyrene
Concen: 4.348 ng/ul
RT: 23.19 min Scan# 6642
Delta R.T. -0.01 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Instrument :
BNA_M
ClientSampled :
F3E07DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	8.1	7.4	11.0

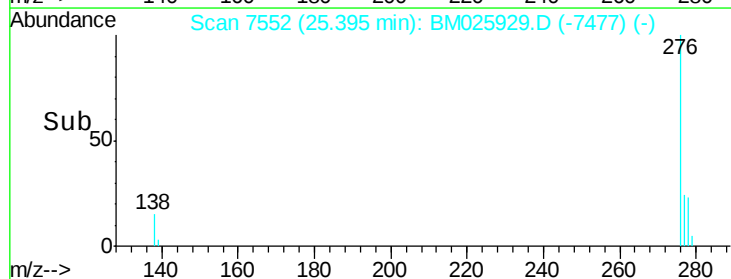
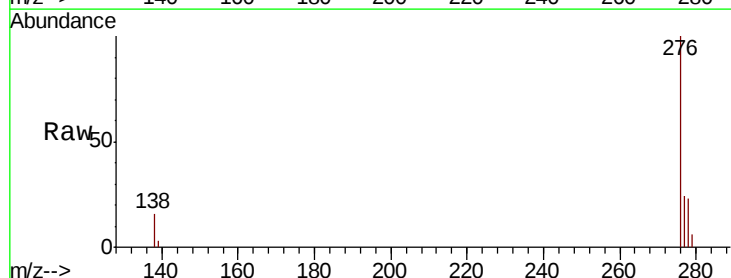
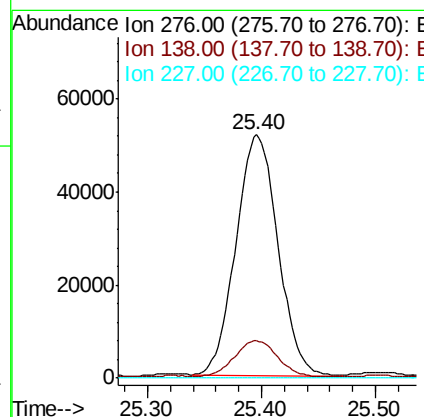
Manual Integrations
APPROVED

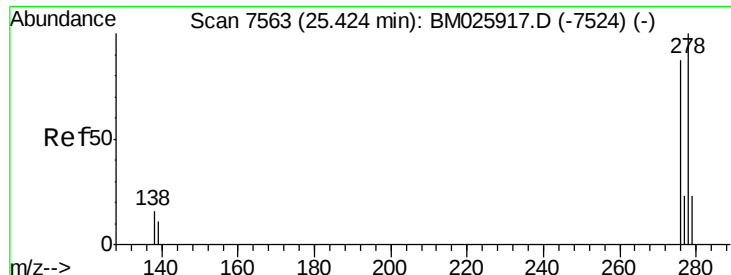
mohammad
4/6/2020 1:41:32 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.373 ng/ul
RT: 25.40 min Scan# 7552
Delta R.T. -0.02 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	19.0
227	0.0	0.0	0.0





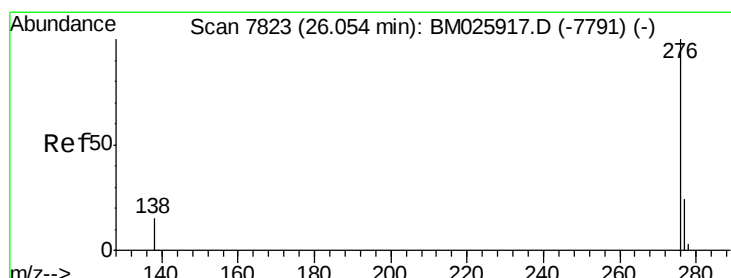
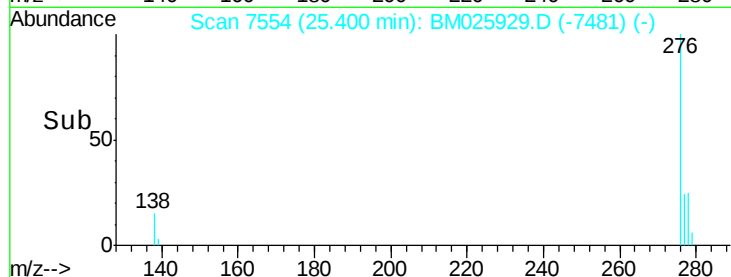
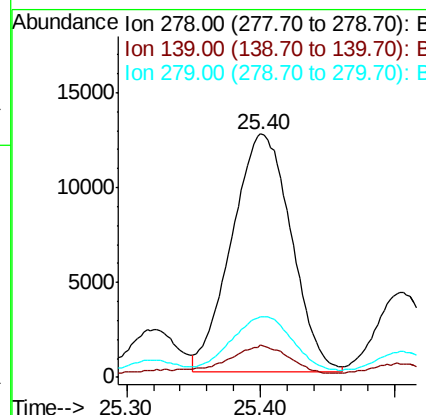
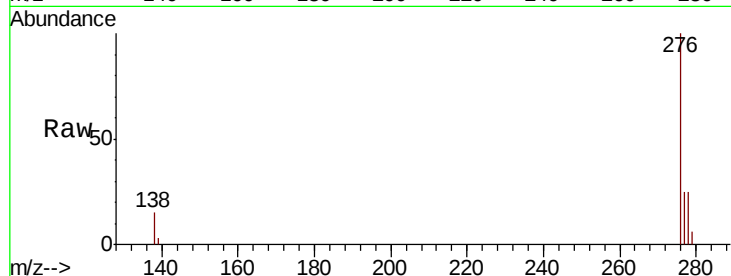
#25
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 25.40 min Scan# 7554
Delta R.T. -0.02 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Instrument :
BNA_M
ClientSampleId :
F3E07DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	8.9	13.3
279	24.9	20.0	30.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:32 PM



#26
Benzo(g,h,i)perylene
Concen: 0.884 ng/ul
RT: 26.04 min Scan# 7817
Delta R.T. -0.02 min
Lab File: BM025929.D
Acq: 04 Apr 2020 01:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.8	17.8
277	23.9	19.2	28.8

