

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025277.D
 Acq On : 05 Mar 2020 07:59
 Operator : CG/JU
 Sample : L1543-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD71

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 14:03:18 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	3852	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17192	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13054	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	31548m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	30305	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	27846	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	10677	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	33451	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	2424	0.047	ng/ul#	90
5) 2-Methylnaphthalene	12.11	142	1389	0.037	ng/ul	97
8) Acenaphthene	14.36	153	3526	0.074	ng/ul	99
9) Fluorene	15.35	166	7160	0.120	ng/ul	98
11) Pentachlorophenol	16.70	266	271	0.033	ng/ul	99
12) Phenanthrene	17.08	178	82128	0.807	ng/ul	95
13) Anthracene	17.17	178	6218	0.069	ng/ul#	95
15) Fluoranthene	19.10	202	91710	0.720	ng/ul	95
17) Pyrene	19.46	202	58519m	0.509	ng/ul	
18) Benzo(a)anthracene	21.21	228	13874	0.125	ng/ul	100
19) Chrysene	21.27	228	13973	0.114	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	11683m	0.105	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	5170m	0.044	ng/ul	
23) Benzo(a)pyrene	23.33	252	6014	0.064	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.60	276	3879	0.033	ng/ul#	100
26) Benzo(a,h,i)perylene	26.26	276	3283	0.033	ng/ul#	91

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

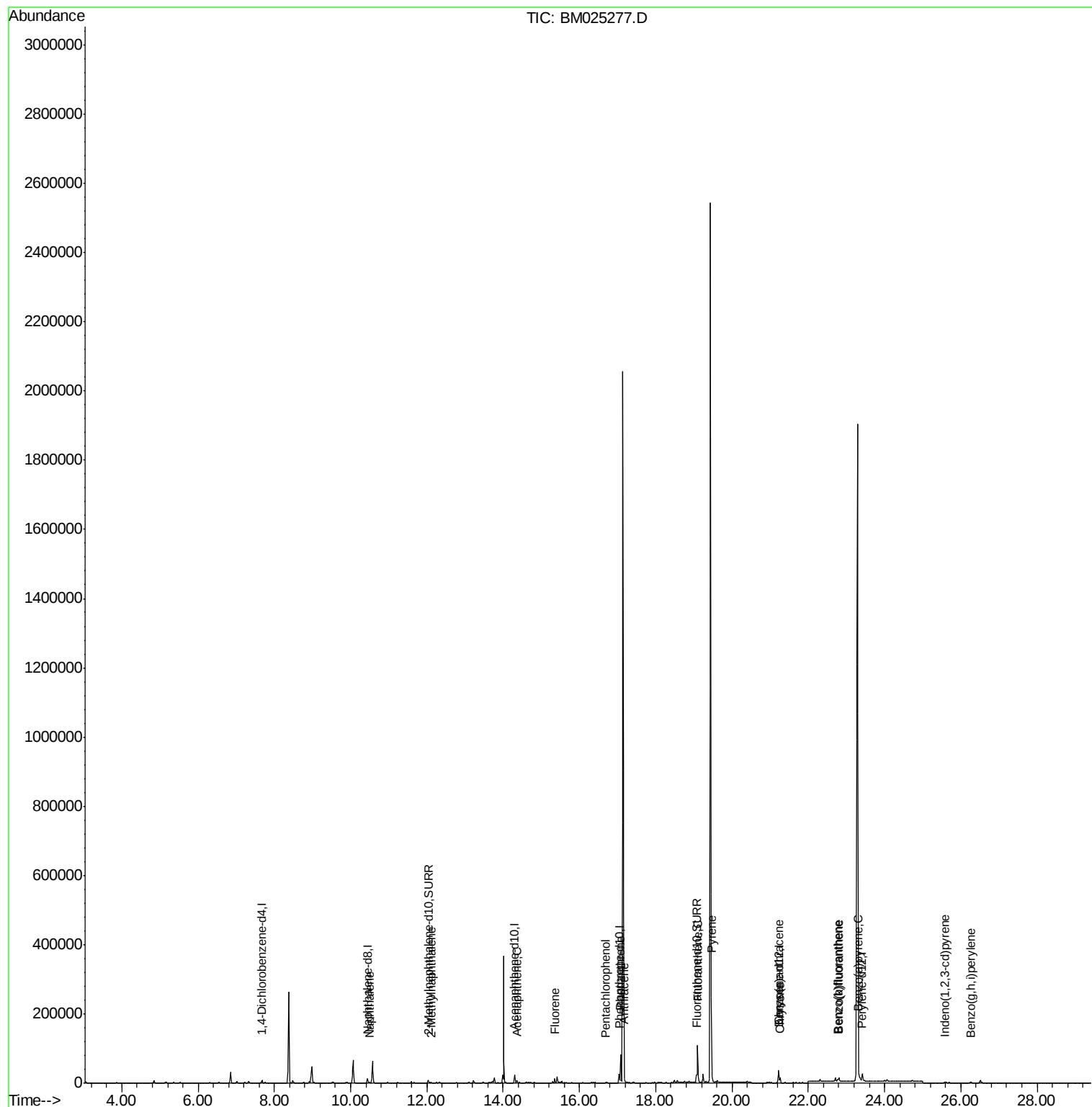
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025277.D
Acq On : 05 Mar 2020 07:59
Operator : CG/JU
Sample : L1543-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

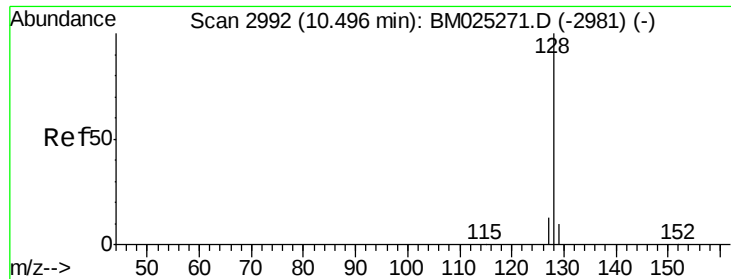
Instrument :
BNA_M
ClientSampleId :
DBD71

Manual Integrations
APPROVED

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

Quant Time: Mar 05 14:03:18 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





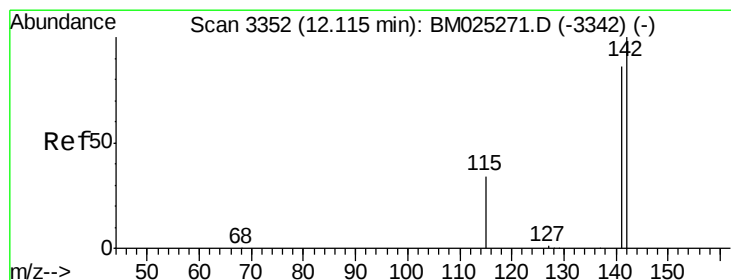
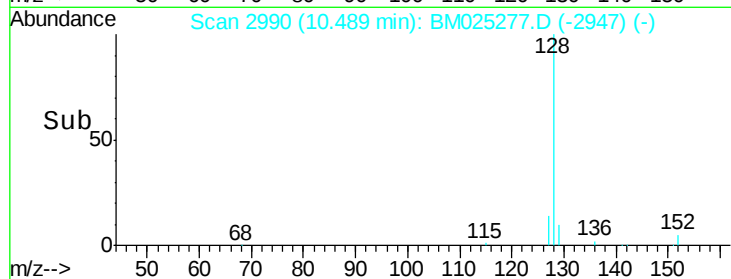
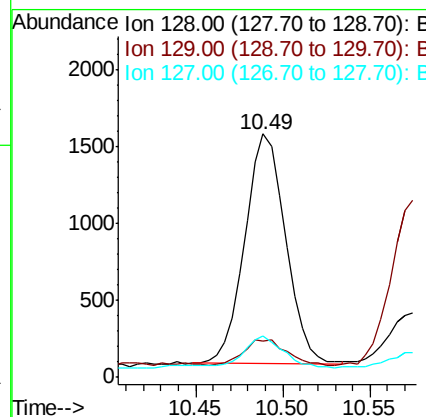
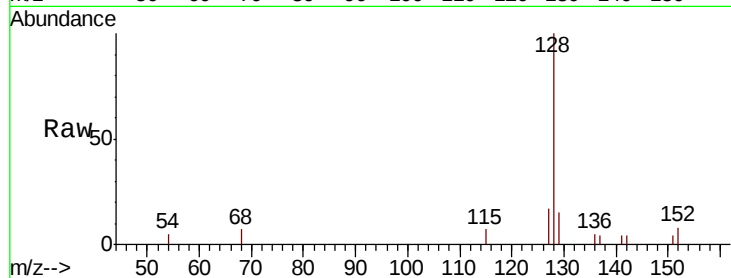
#3
Naphthalene
Concen: 0.047 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Instrument :
BNA_M
ClientSampleId :
DBD71

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.6	17.0	25.6#
127	16.8	15.7	23.5

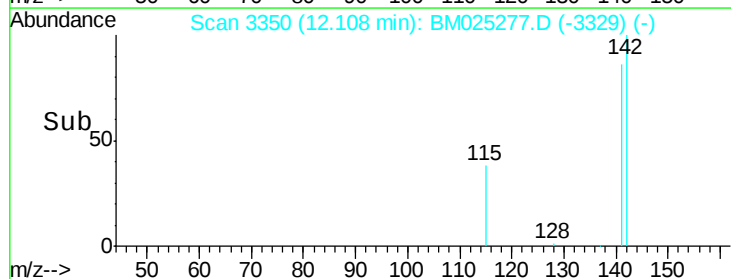
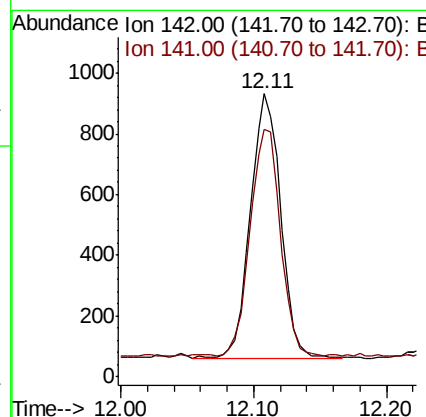
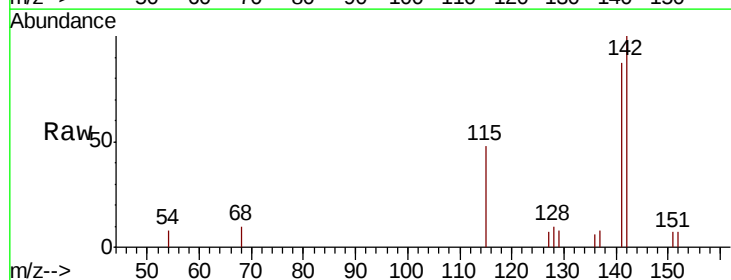
Manual Integrations
APPROVED

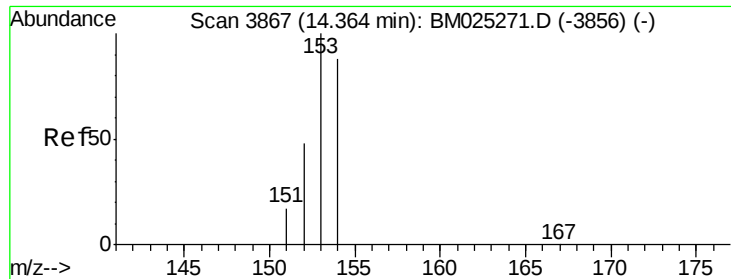
mohammad
3/5/2020 3:31:01 PM



#5
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.11 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.9	69.8	104.8





#8

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM025277.D

Acq: 05 Mar 2020 07:59

Instrument :

BNA_M

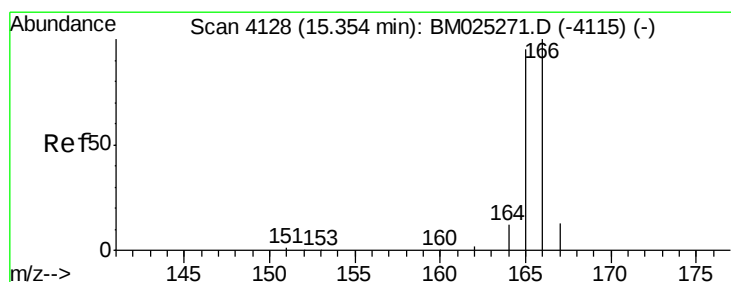
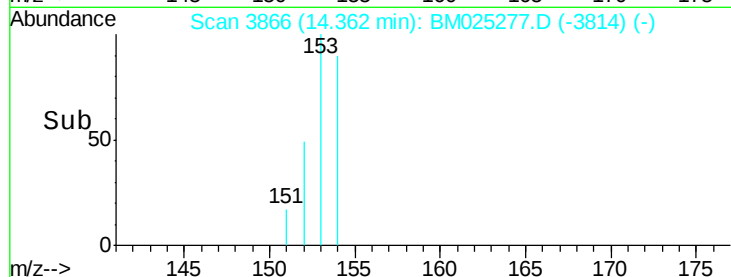
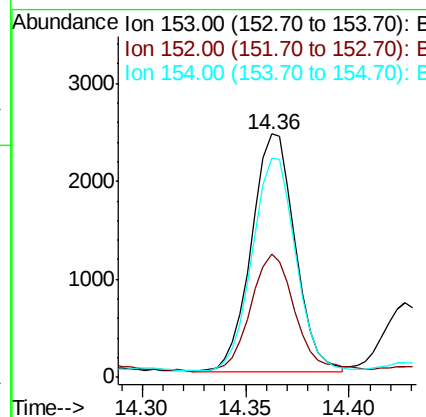
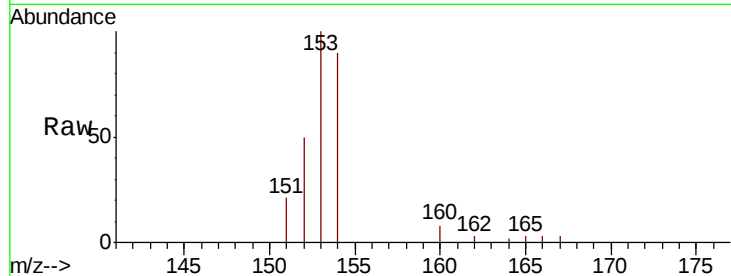
ClientSampled :

DBD71

Tot Ion:	153	Resp:	3526
Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.0	60.0
154	90.0	71.0	106.6

Manual Integrations
APPROVED

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



#9

Fluorene

Concen: 0.120 ng/ul

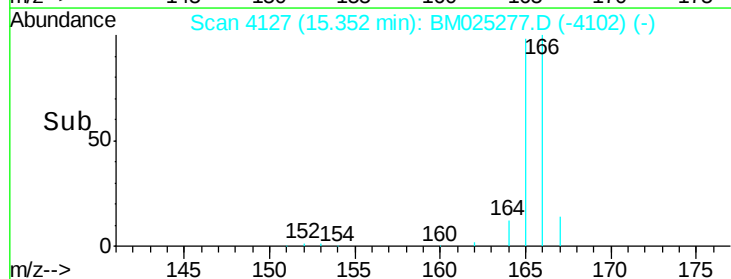
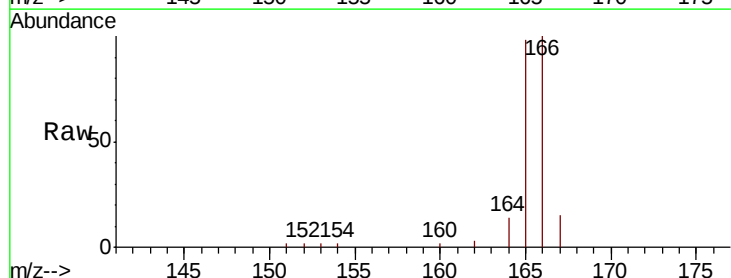
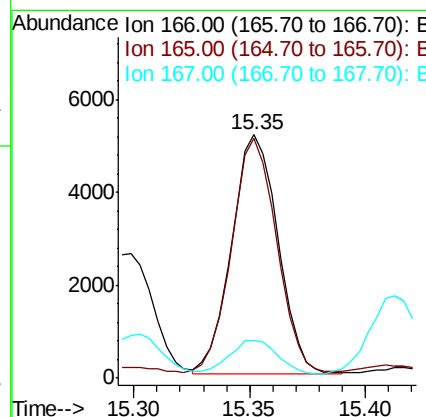
RT: 15.35 min Scan# 4127

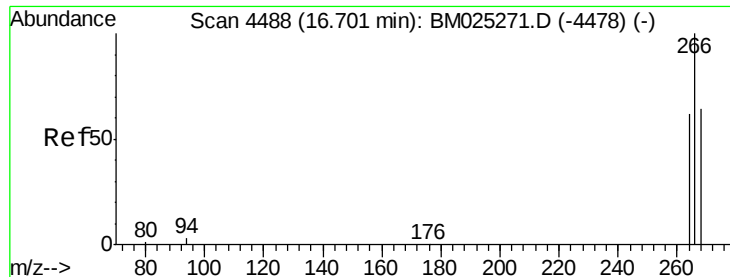
Delta R.T. -0.00 min

Lab File: BM025277.D

Acq: 05 Mar 2020 07:59

Tgt Ion:	166	Resp:	7160
Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.0	120.0
167	15.4	13.7	20.5





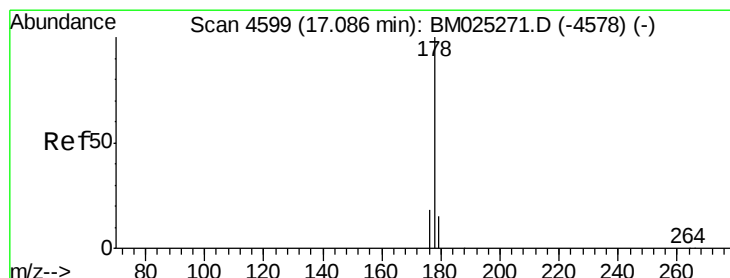
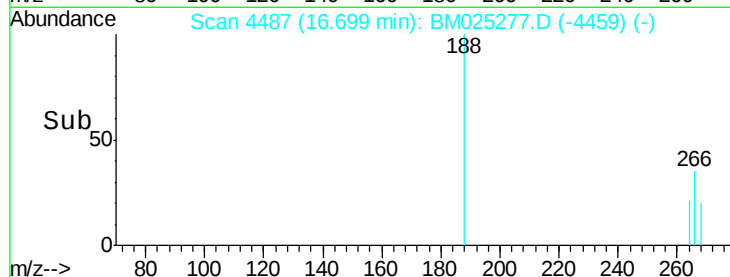
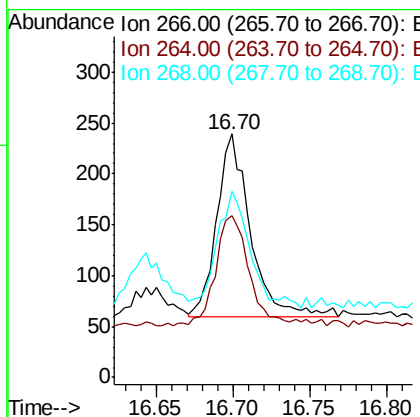
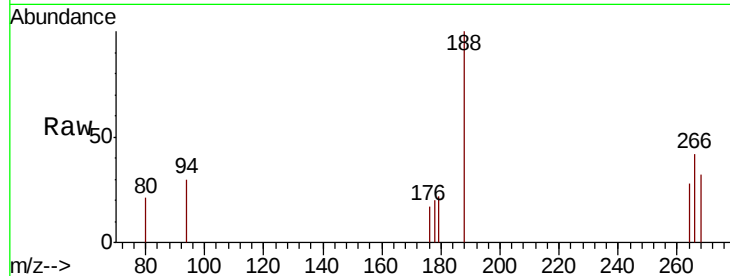
#11
 Pentachlorophenol
 Concen: 0.033 ng/ul
 RT: 16.70 min Scan# 4487
 Delta R.T. -0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Instrument :
 BNA_M
 ClientSampleId :
 DBD71

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.8	74.6
268	62.0	49.0	73.4

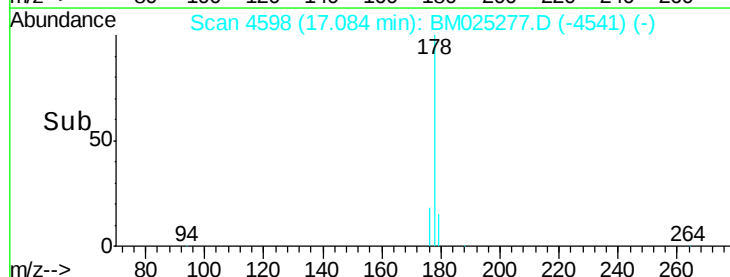
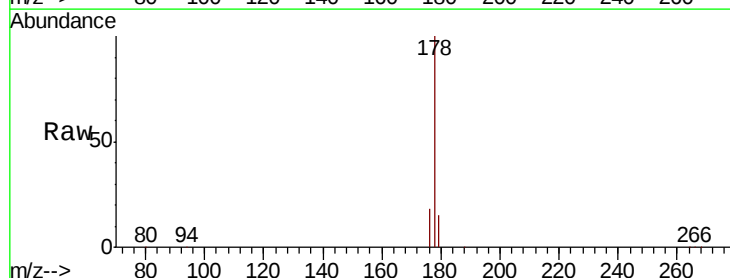
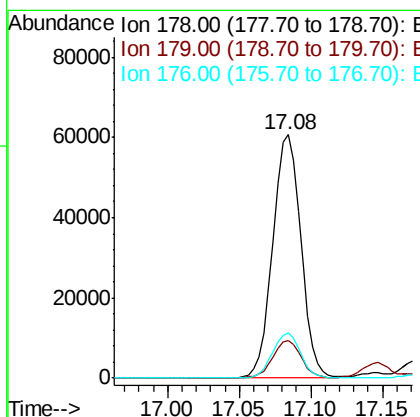
Manual Integrations
 APPROVED

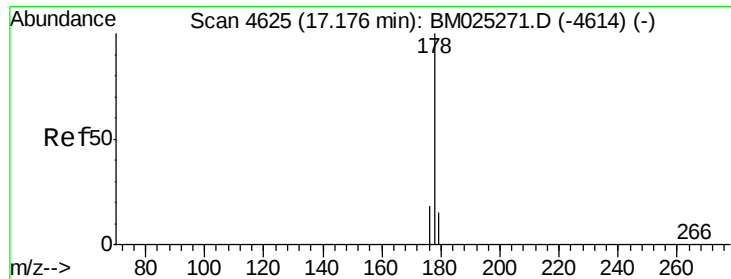
mohammad
 3/5/2020 3:31:01 PM



#12
 Phenanthrene
 Concen: 0.807 ng/ul
 RT: 17.08 min Scan# 4598
 Delta R.T. -0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.0	21.0
176	18.5	16.6	24.8





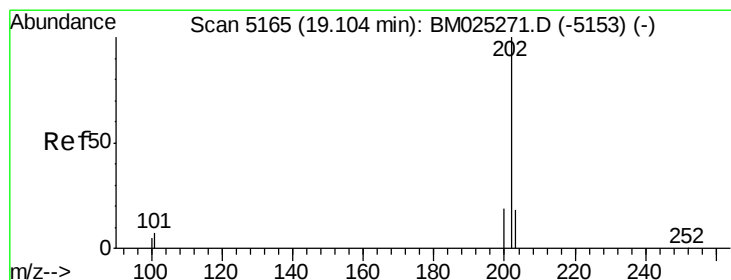
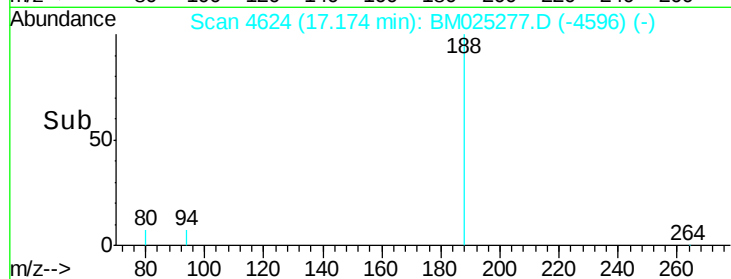
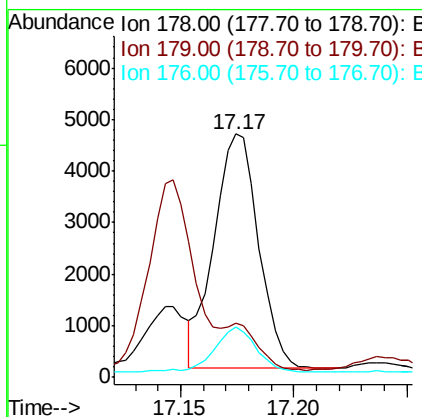
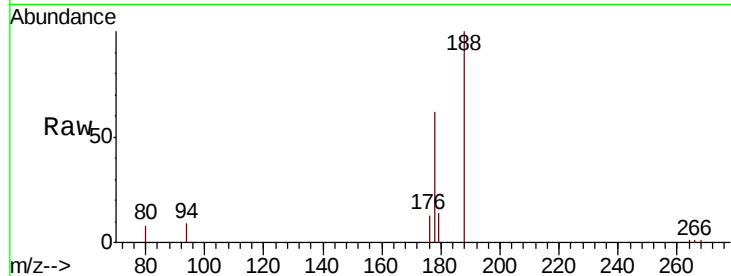
#13
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Instrument :
 BNA_M
 ClientSampleId :
 DBD71

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.1	14.1	21.1#
176	20.4	16.2	24.4

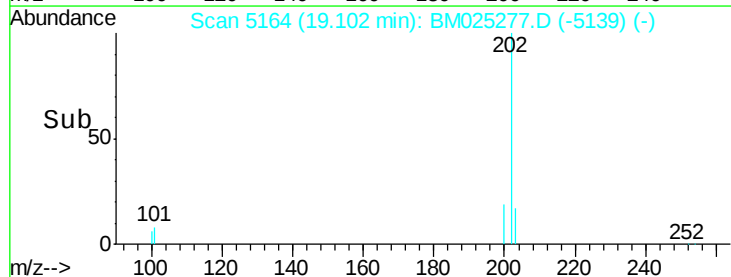
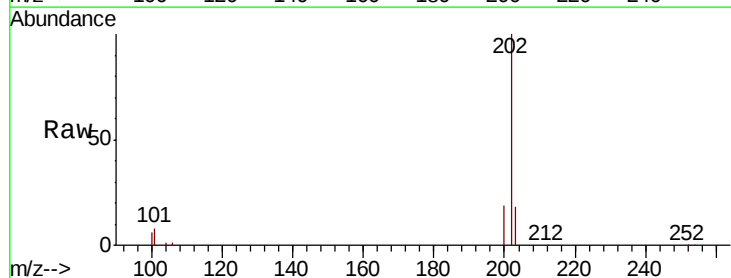
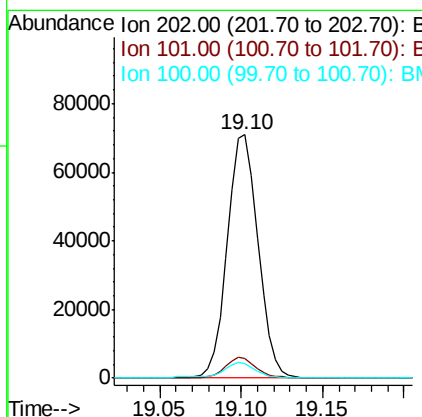
Manual Integrations
 APPROVED

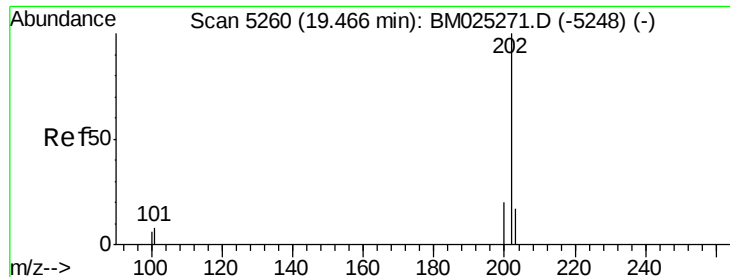
mohammad
 3/5/2020 3:31:01 PM



#15
 Fluoranthene
 Concen: 0.720 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.4
100	5.9	0.0	28.0





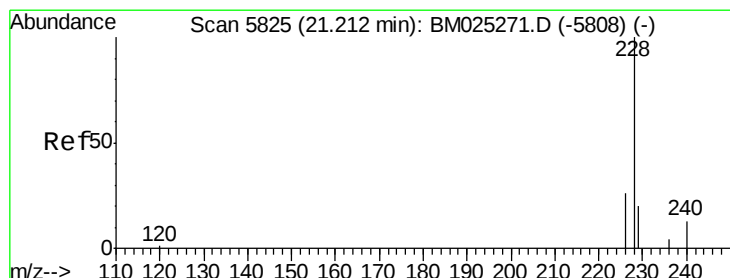
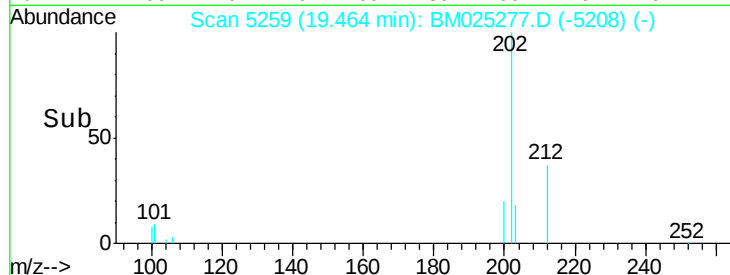
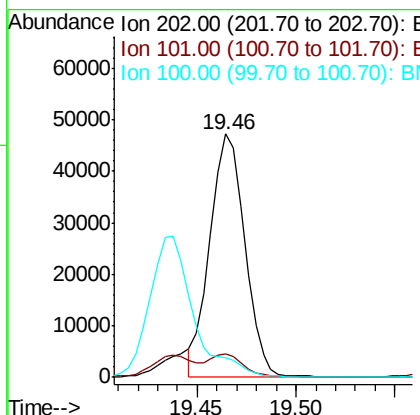
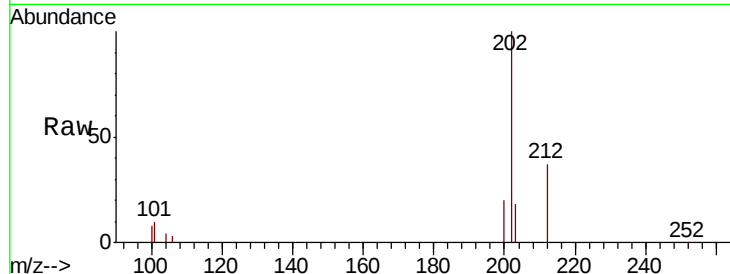
#17
Pvrene
Concen: 0.509 ng/ul m
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Instrument :
BNA_M
ClientSampleId :
DBD71

Tot Ion:	202	Resp:	58519
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.7	13.1
100	8.1	7.3	10.9

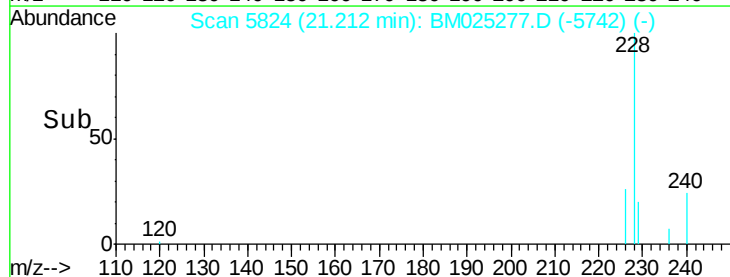
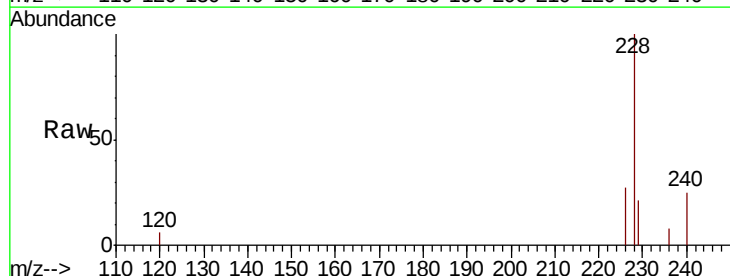
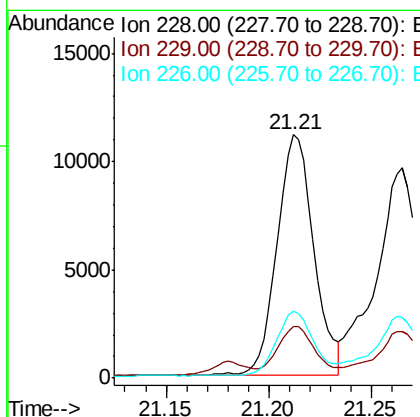
Manual Integrations
APPROVED

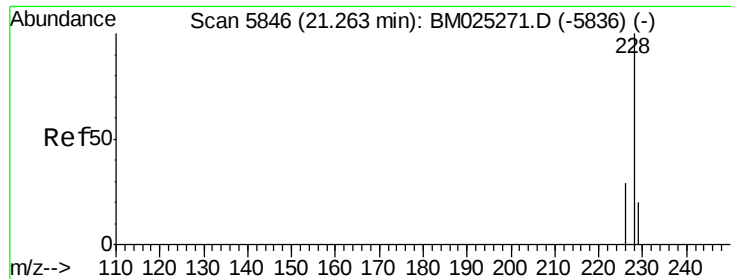
mohammad
3/5/2020 3:31:01 PM



#18
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Tgt Ion:	228	Resp:	13874
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.6	25.0
226	27.3	21.9	32.9





#19

Chrysene

Concen: 0.114 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025277.D

Acq: 05 Mar 2020 07:59

Instrument :

BNA_M

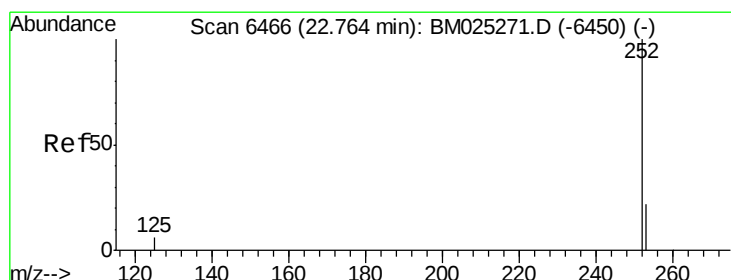
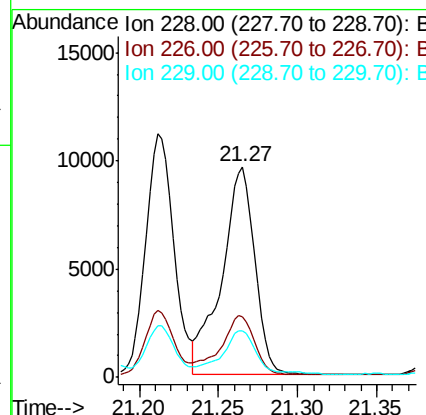
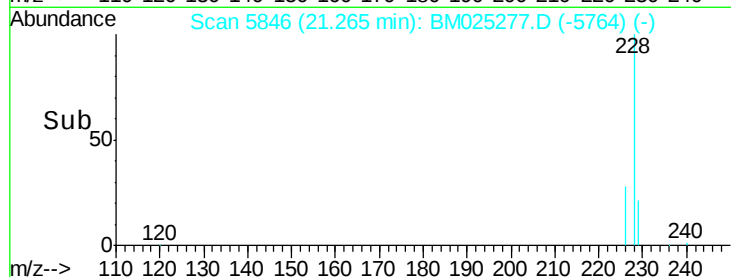
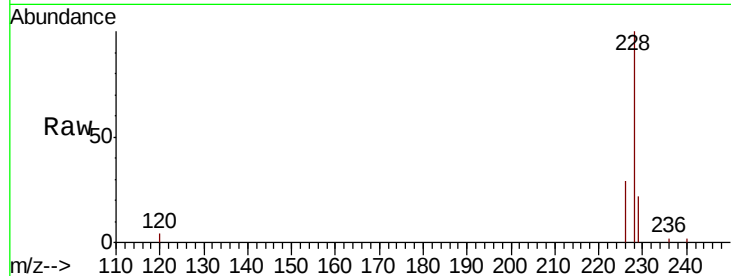
ClientSampleId :

DBD71

Tot Ion:	228	Resp:	13973
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.8	35.8
229	22.2	16.9	25.3

Manual Integrations
APPROVED

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



#21

Benzo(b)fluoranthene

Concen: 0.105 ng/ul m

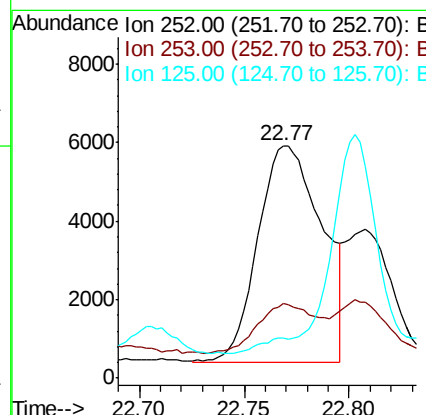
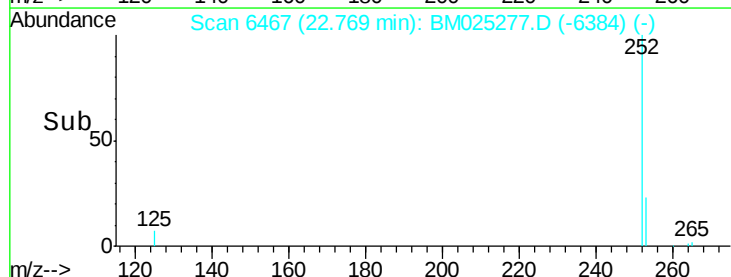
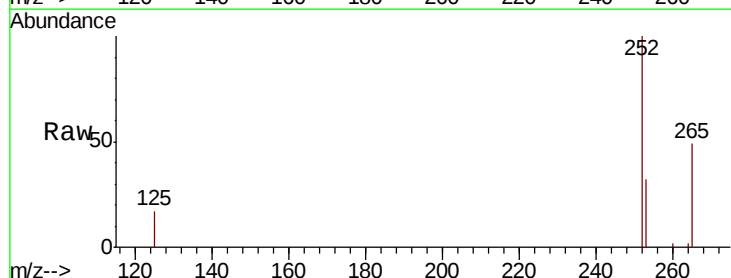
RT: 22.77 min Scan# 6467

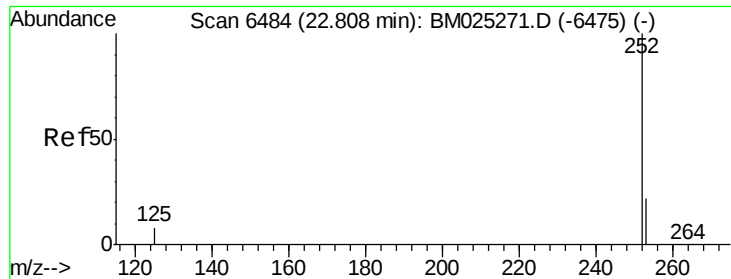
Delta R.T. 0.00 min

Lab File: BM025277.D

Acq: 05 Mar 2020 07:59

Tgt Ion:	252	Resp:	11683
Ion Ratio	Lower	Upper	
252	100		
253	32.0	0.0	49.8
125	17.2	0.0	28.6





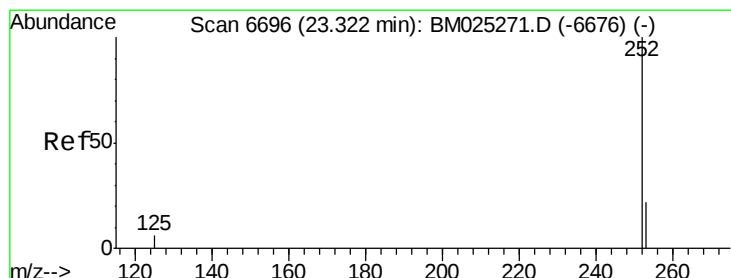
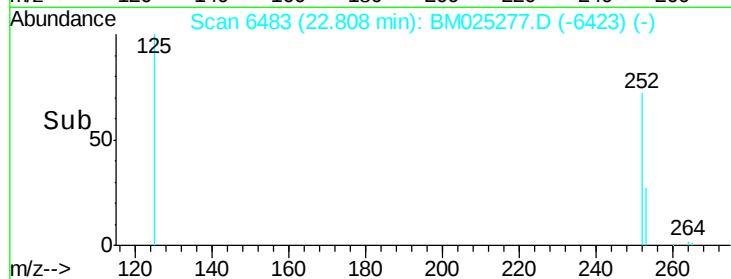
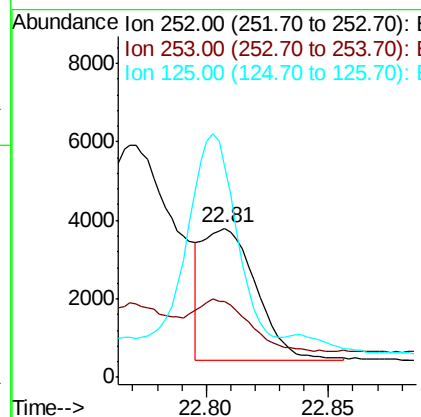
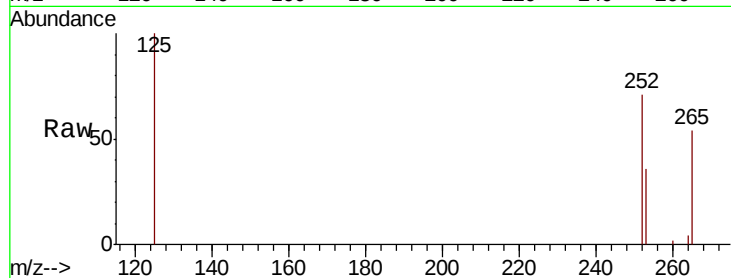
#22
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Instrument :
BNA_M
ClientSampled :
DBD71

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.7	19.4	29.0#
125	141.8	10.7	16.1#

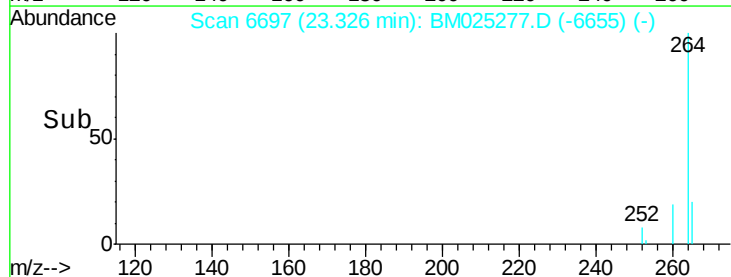
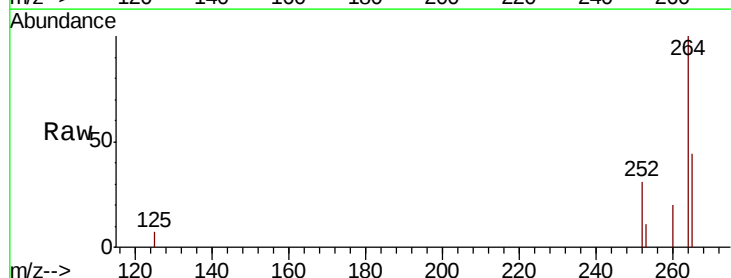
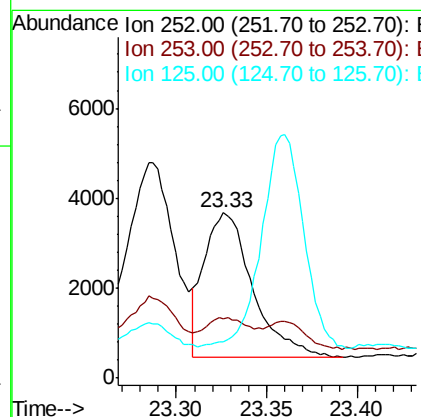
Manual Integrations
APPROVED

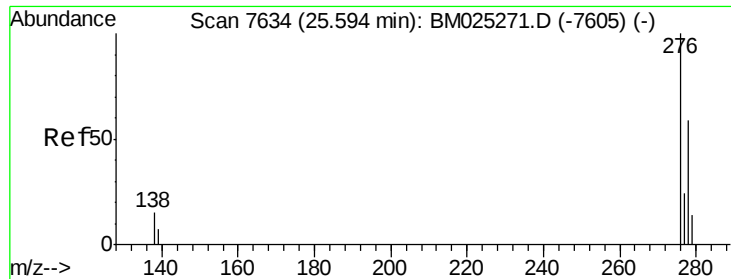
mohammad
3/5/2020 3:31:01 PM



#23
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. 0.00 min
Lab File: BM025277.D
Acq: 05 Mar 2020 07:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	20.3	30.5#
125	21.5	13.0	19.4#





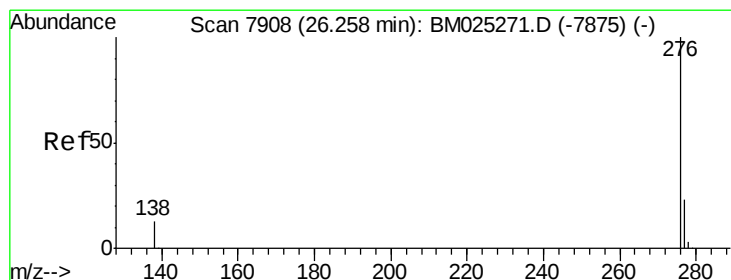
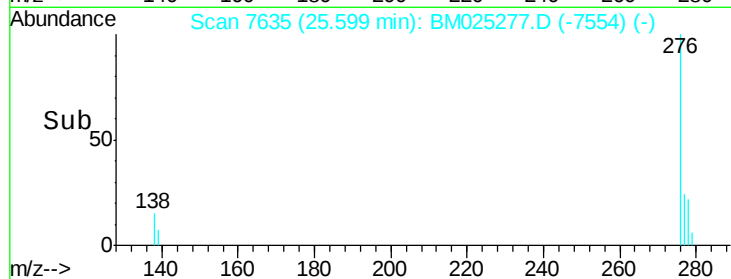
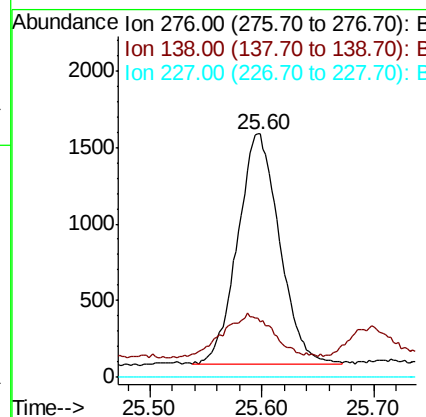
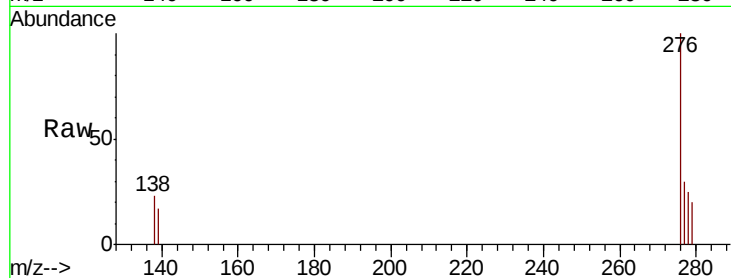
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng/u1
 RT: 25.60 min Scan# 7635
 Delta R.T. -0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Instrument :
 BNA_M
 ClientSampleId :
 DBD71

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	0.0	0.0#
227	0.0	0.0	0.0

Manual Integrations
 APPROVED

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



#26
 Benzo(g,h,i)perylene
 Concen: 0.033 ng/u1
 RT: 26.26 min Scan# 7909
 Delta R.T. 0.00 min
 Lab File: BM025277.D
 Acq: 05 Mar 2020 07:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.9	26.9
277	31.7	20.5	30.7#

