

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025276.D
 Acq On : 05 Mar 2020 07:23
 Operator : CG/JU
 Sample : L1543-16
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD98

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:30:55 PM

Quant Time: Mar 05 14:00:52 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	3681	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15911	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	28840m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	28612	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	26556	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	8215	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	27126	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	2313	0.048	ng/ul#	89
5) 2-Methylnaphthalene	12.11	142	1128	0.032	ng/ul	99
7) Acenaphthylene	14.02	152	8691	0.156	ng/ul	96
8) Acenaphthene	14.36	153	2065	0.048	ng/ul	97
9) Fluorene	15.35	166	2251	0.042	ng/ul	97
12) Phenanthrene	17.08	178	21241	0.228	ng/ul	96
13) Anthracene	17.17	178	50596	0.613	ng/ul	95
15) Fluoranthene	19.10	202	203385	1.747	ng/ul	95
17) Pyrene	19.46	202	268989	2.479	ng/ul	95
18) Benzo(a)anthracene	21.21	228	157655	1.499	ng/ul	100
19) Chrysene	21.26	228	243700	2.109	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	425801m	4.008	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	125403m	1.125	ng/ul	
23) Benzo(a)pyrene	23.33	252	130535	1.463	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.60	276	108808	0.979	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	26636	0.289	ng/ul	96
26) Benzo(a,h,i)perylene	26.26	276	67178	0.711	ng/ul#	91

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

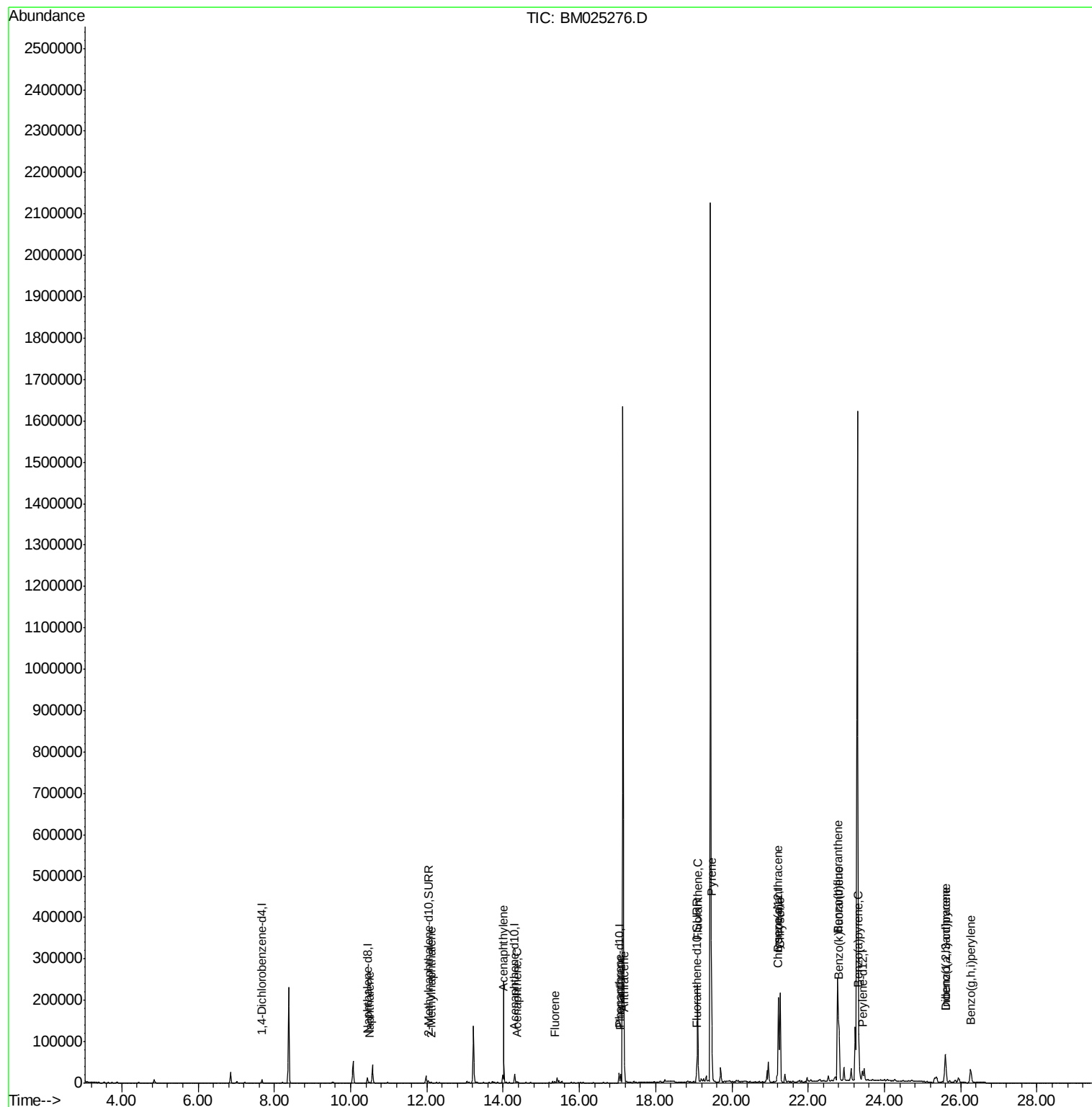
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025276.D
Acq On : 05 Mar 2020 07:23
Operator : CG/JU
Sample : L1543-16
Misc :
ALS Vial : 72 Sample Multiplier: 1

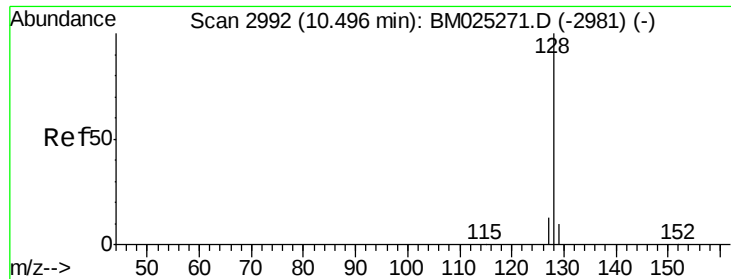
Instrument :
BNA_M
ClientSampleId :
DBD98

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM

Quant Time: Mar 05 14:00:52 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





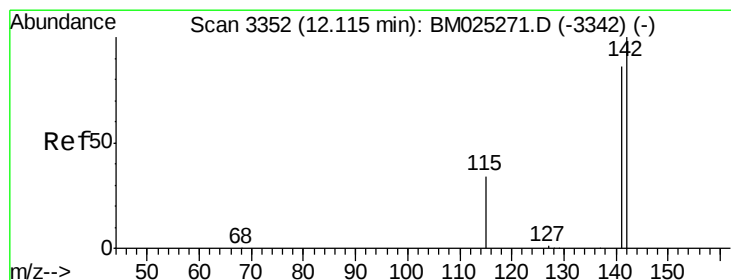
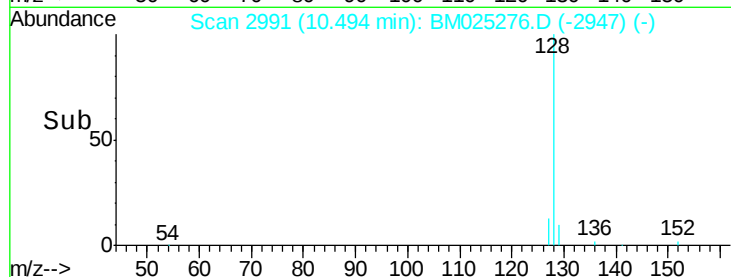
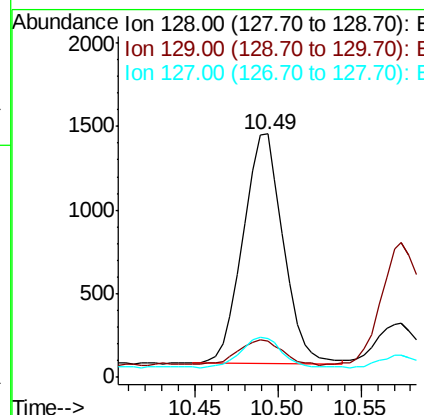
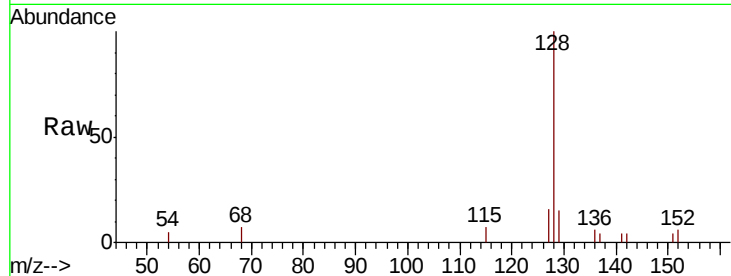
#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.49 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Instrument :
BNA_M
ClientSampleId :
DBD98

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.1	17.0	25.6#
127	15.9	15.7	23.5

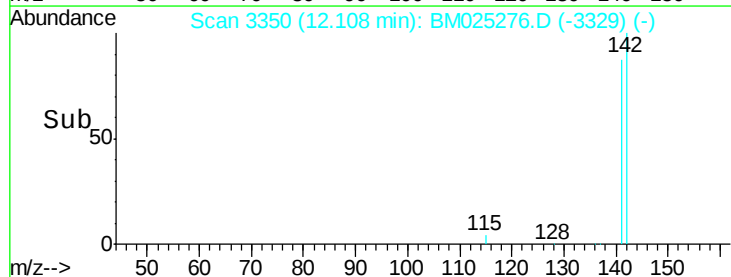
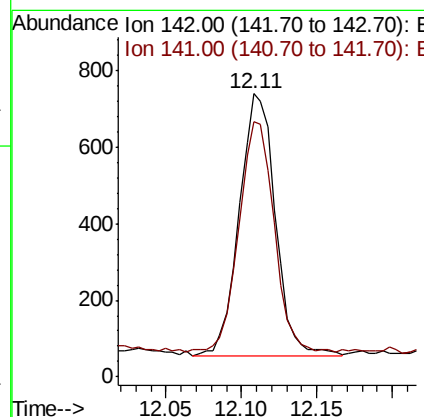
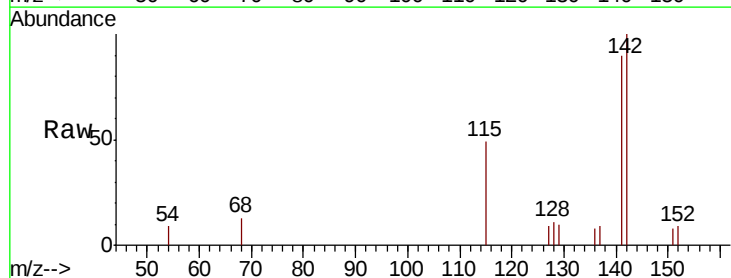
Manual Integrations
APPROVED

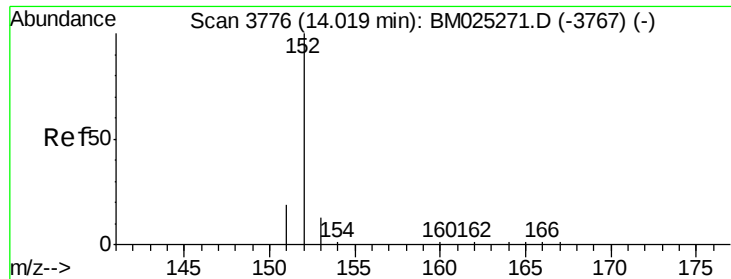
mohammad
3/5/2020 3:30:55 PM



#5
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.11 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.8	104.8





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Instrument :

BNA_M

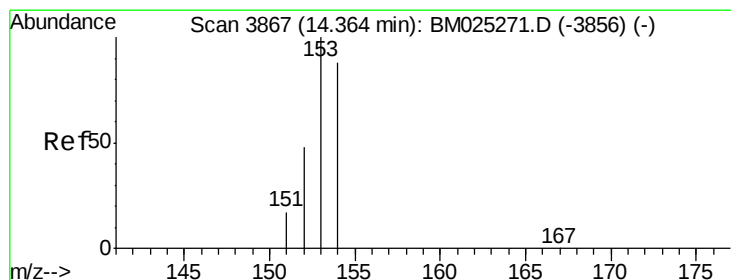
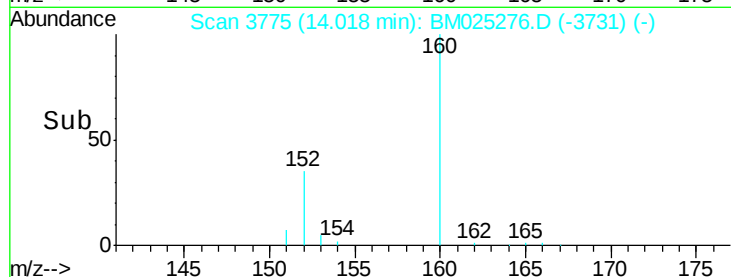
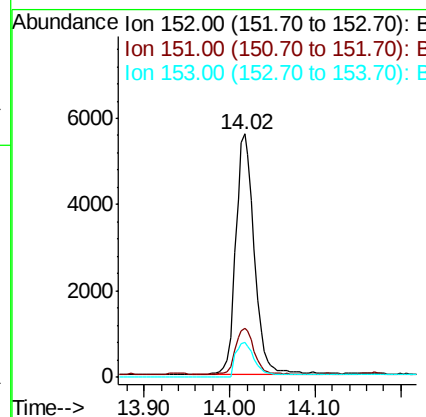
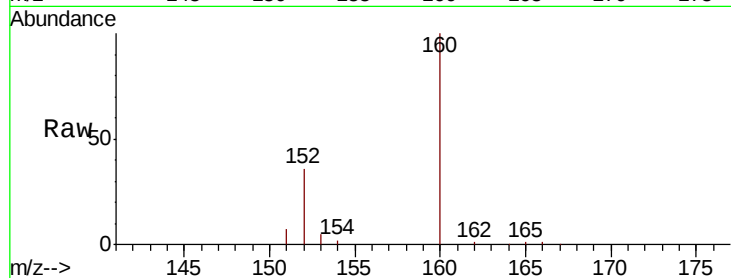
ClientSampleId :

DBD98

Tot Ion:	152	Resp:	8691
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.8	26.8
153	14.6	13.3	19.9

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM



#8

Acenaphthene

Concen: 0.048 ng/ul

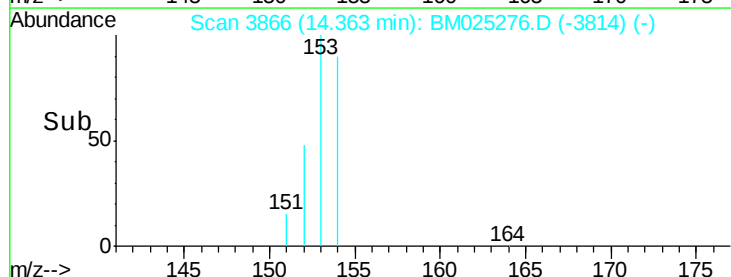
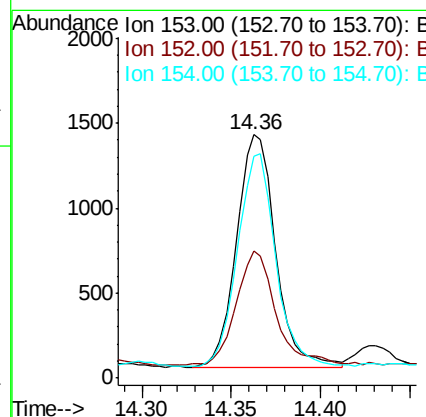
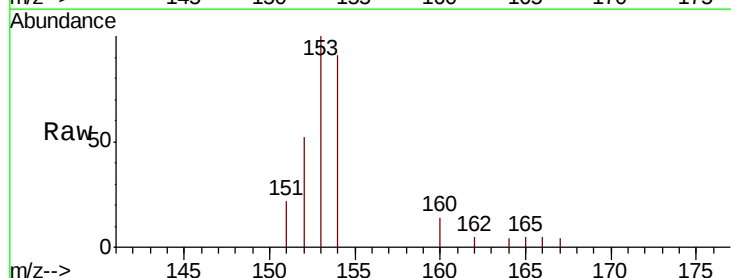
RT: 14.36 min Scan# 3866

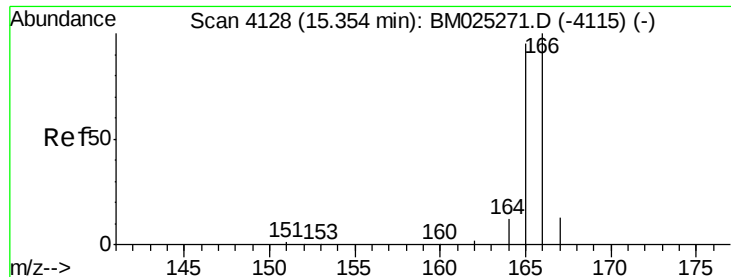
Delta R.T. -0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Tgt Ion:	153	Resp:	2065
Ion Ratio	Lower	Upper	
153	100		
152	52.2	40.0	60.0
154	90.9	71.0	106.6





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Instrument :

BNA_M

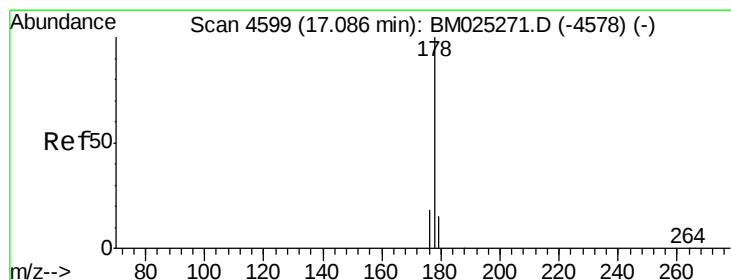
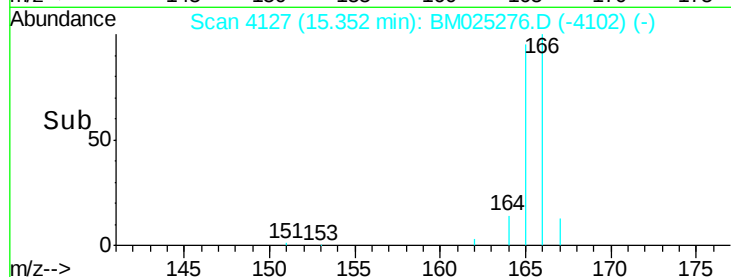
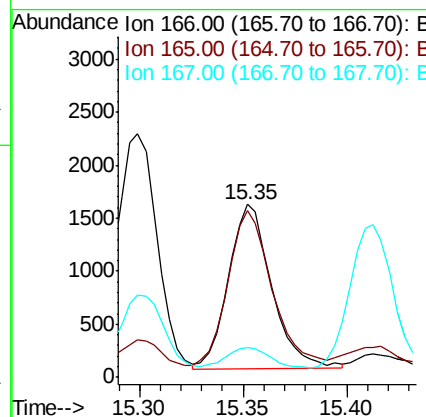
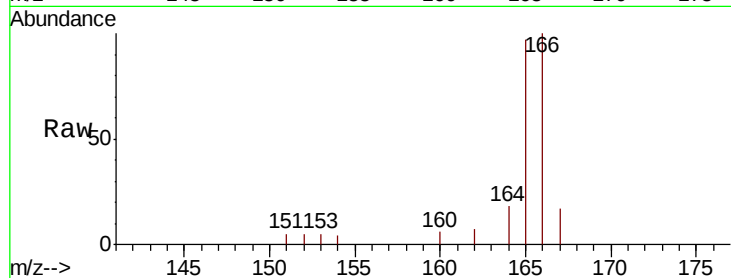
ClientSampleId :

DBD98

Tot Ion:	166	Resp:	2251
Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	17.0	13.7	20.5

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM



#12

Phenanthrene

Concen: 0.228 ng/ul

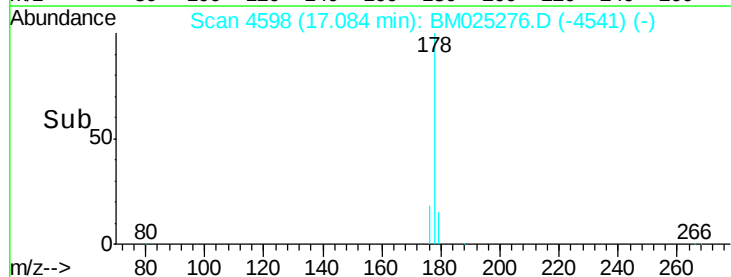
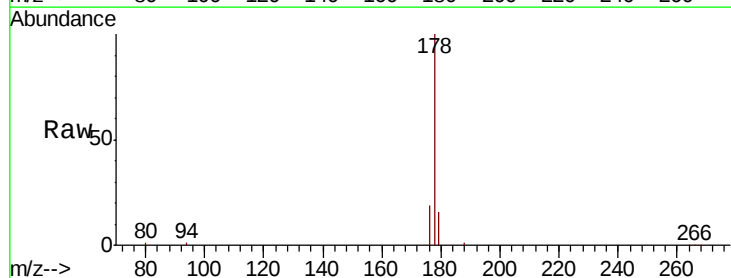
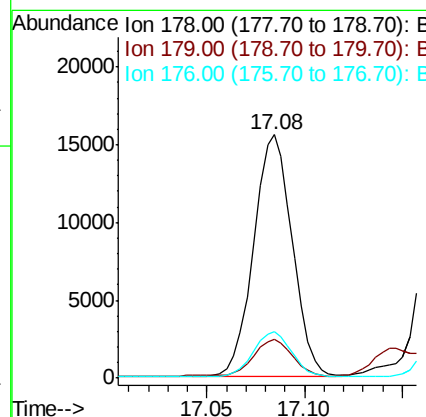
RT: 17.08 min Scan# 4598

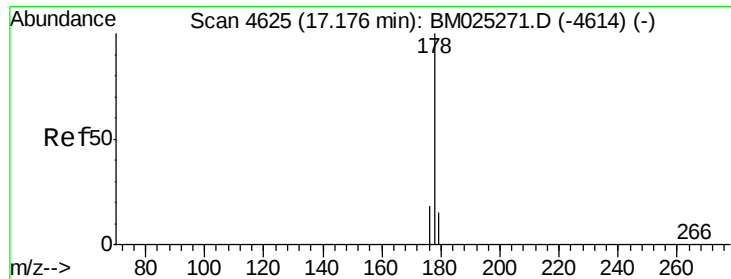
Delta R.T. -0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Tgt Ion:	178	Resp:	21241
Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	18.8	16.6	24.8





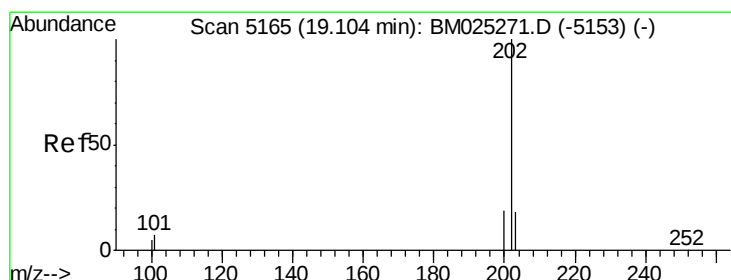
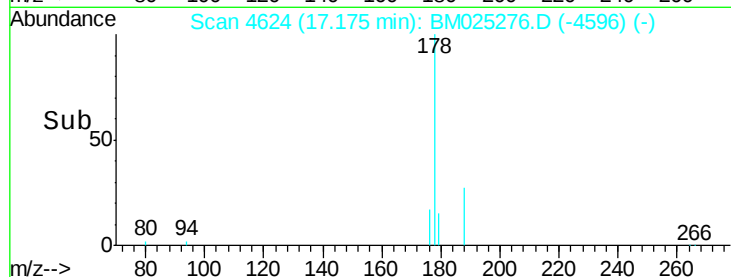
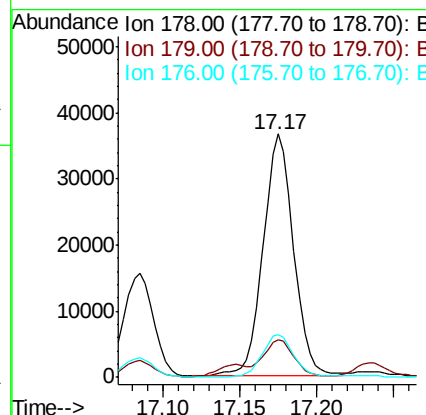
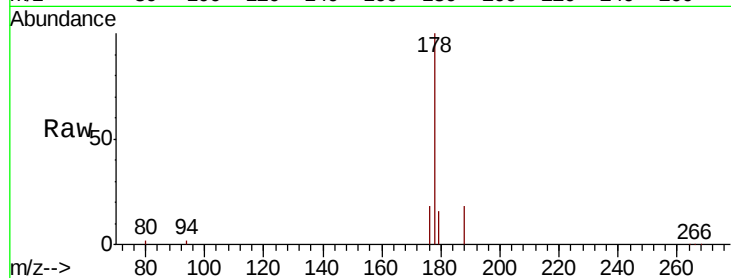
#13
 Anthracene
 Concen: 0.613 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025276.D
 Acq: 05 Mar 2020 07:23

Instrument :
 BNA_M
 ClientSampleID :
 DBD98

Tot Ion:	178	Resp:	50596
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.1	21.1
176	17.7	16.2	24.4

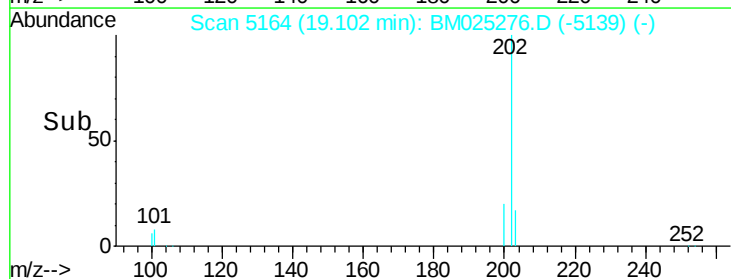
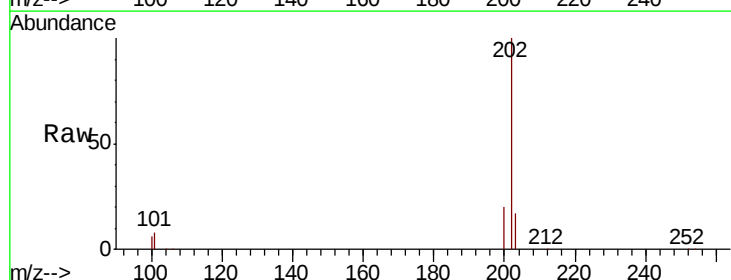
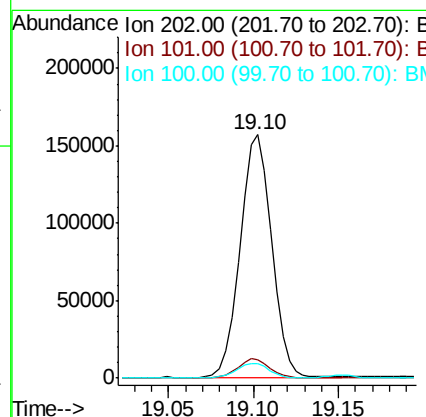
Manual Integrations
 APPROVED

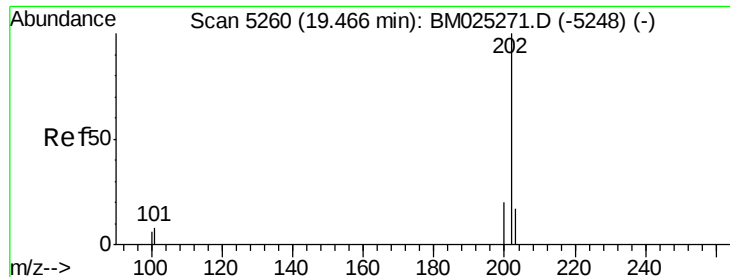
mohammad
 3/5/2020 3:30:55 PM



#15
 Fluoranthene
 Concen: 1.747 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025276.D
 Acq: 05 Mar 2020 07:23

Tgt Ion:	202	Resp:	203385
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	29.4
100	5.8	0.0	28.0





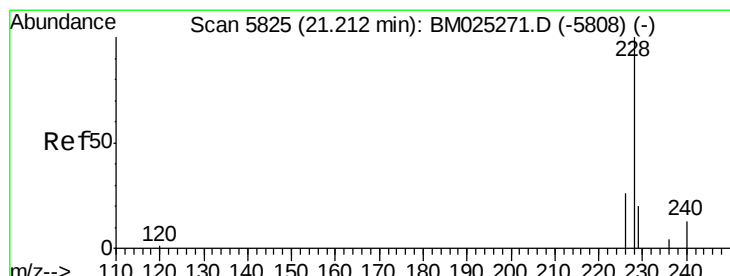
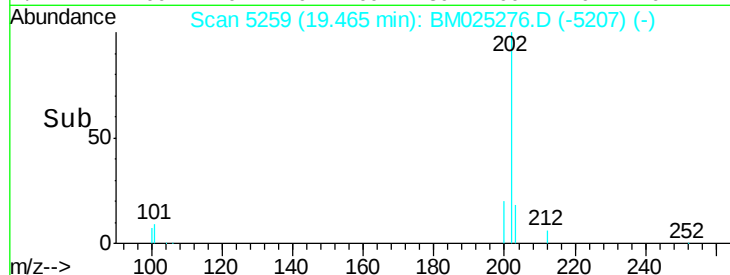
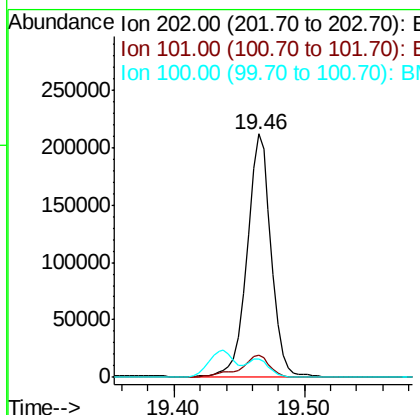
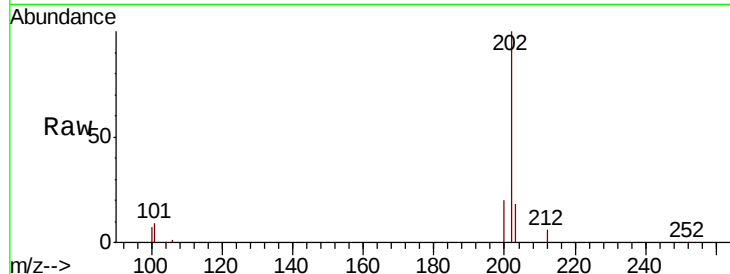
#17
Pvrene
Concen: 2.479 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Instrument :
BNA_M
ClientSampleId :
DBD98

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	8.7	13.1
100	7.4	7.3	10.9

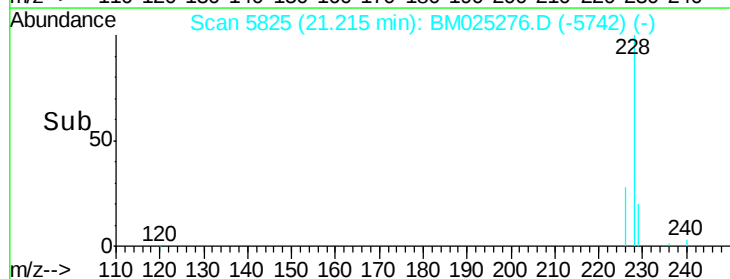
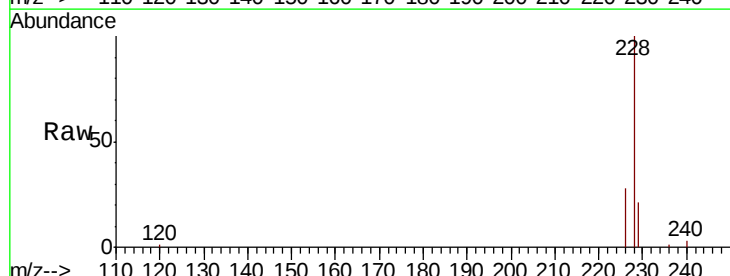
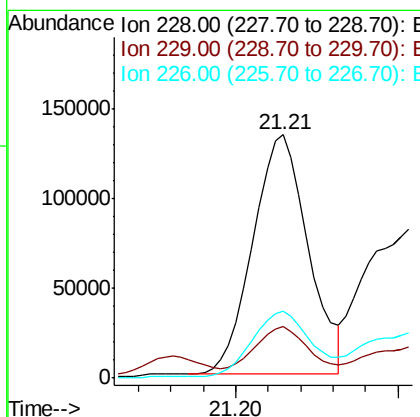
Manual Integrations
APPROVED

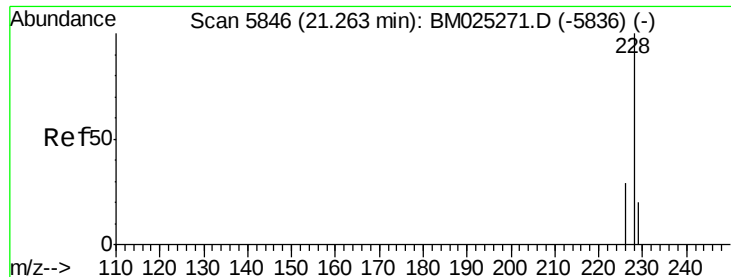
mohammad
3/5/2020 3:30:55 PM



#18
Benzo(a)anthracene
Concen: 1.499 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. 0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.6	25.0
226	27.7	21.9	32.9





#19

Chrysene

Concen: 2.109 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Instrument :

BNA_M

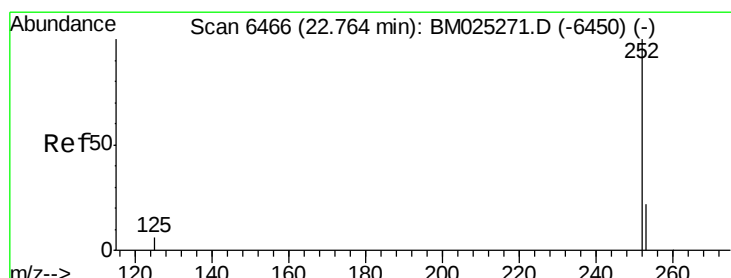
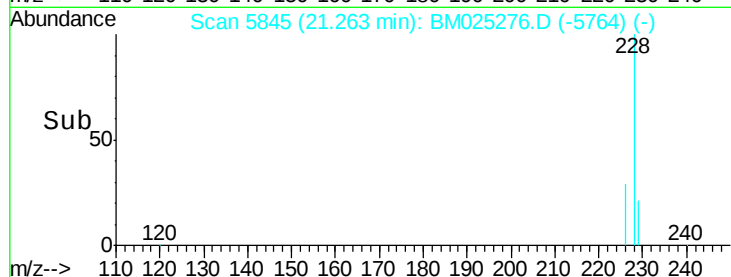
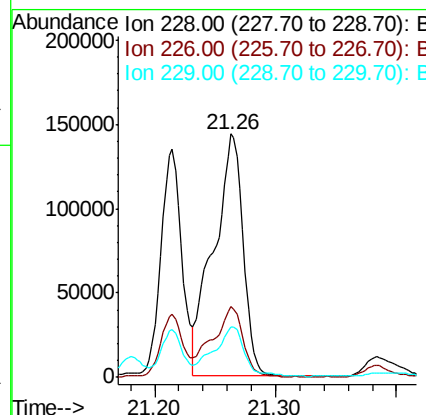
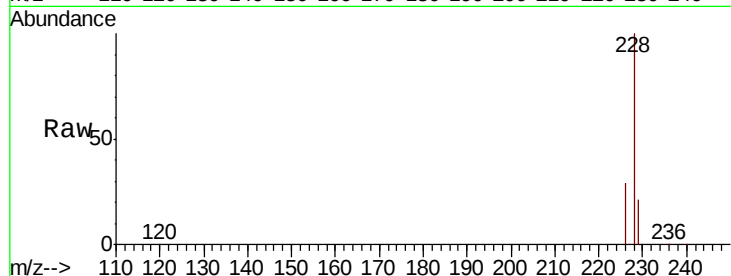
ClientSampleId :

DBD98

Tot Ion:	228	Resp:	243700
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.8	35.8
229	20.9	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/5/2020 3:30:55 PM



#21

Benzo(b)fluoranthene

Concen: 4.008 ng/ul m

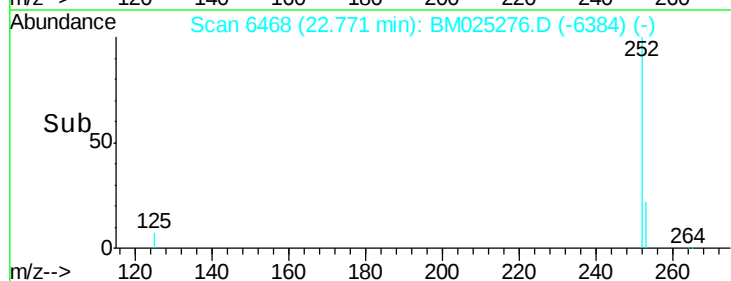
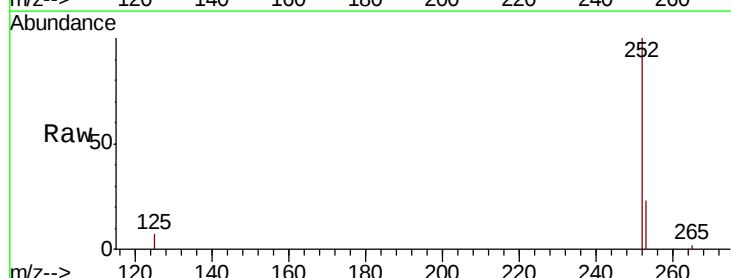
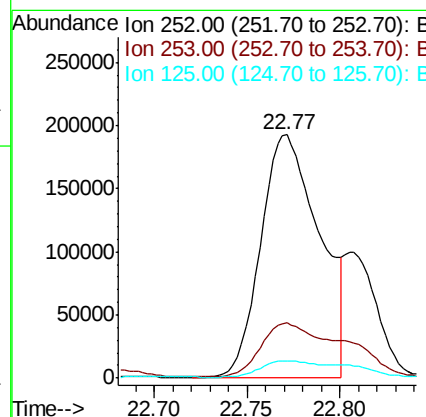
RT: 22.77 min Scan# 6468

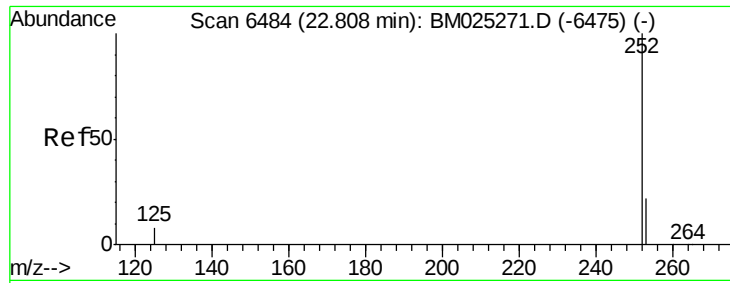
Delta R.T. 0.00 min

Lab File: BM025276.D

Acq: 05 Mar 2020 07:23

Tgt Ion:	252	Resp:	425801
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	49.8
125	7.2	0.0	28.6





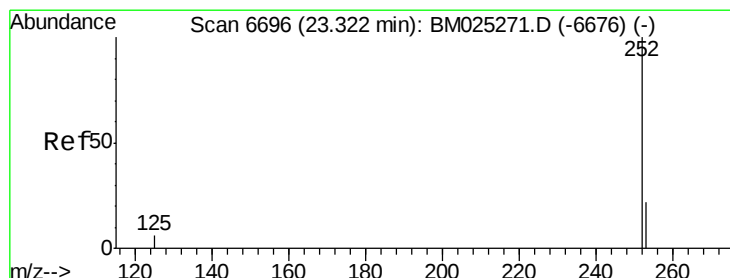
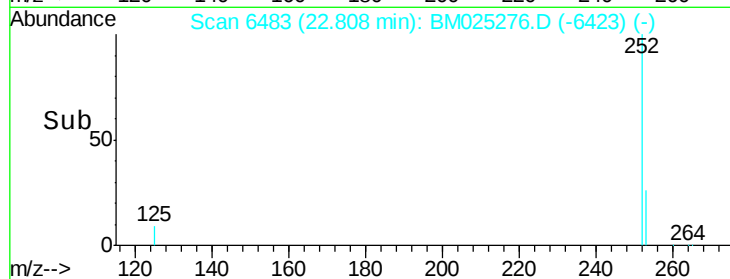
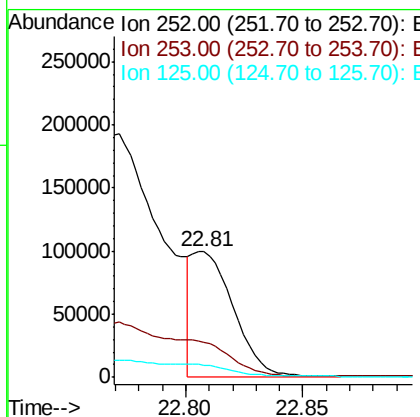
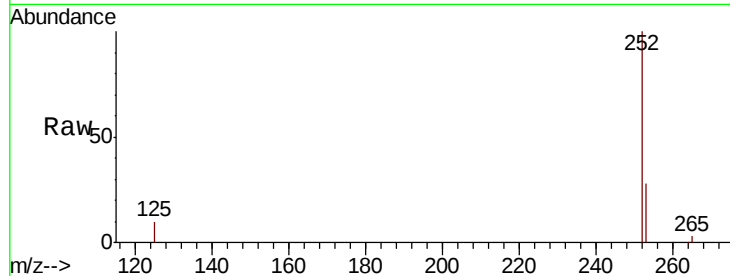
#22
Benzo(k)fluoranthene
Concen: 1.125 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Instrument :
BNA_M
ClientSampled :
DBD98

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.4	29.0
125	9.8	10.7	16.1

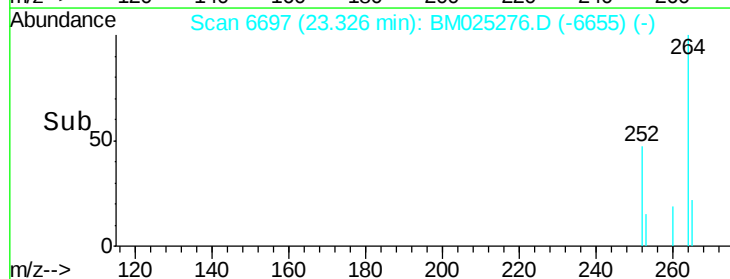
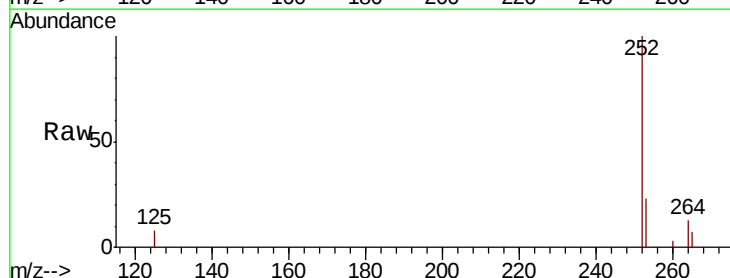
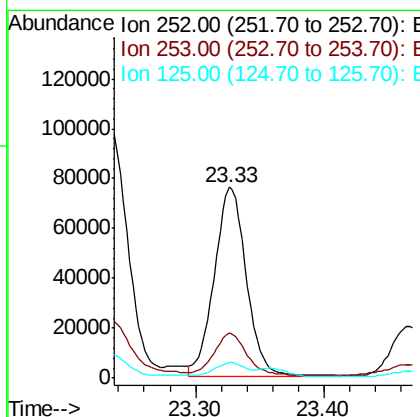
Manual Integrations
APPROVED

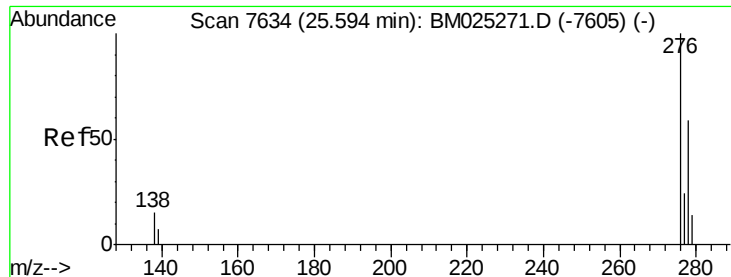
mohammad
3/5/2020 3:30:55 PM



#23
Benzo(a)pyrene
Concen: 1.463 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. 0.00 min
Lab File: BM025276.D
Acq: 05 Mar 2020 07:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	8.0	13.0	19.4





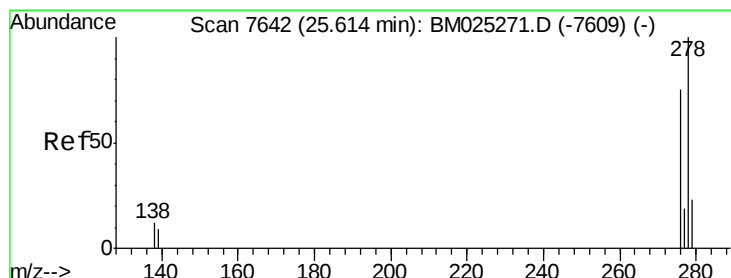
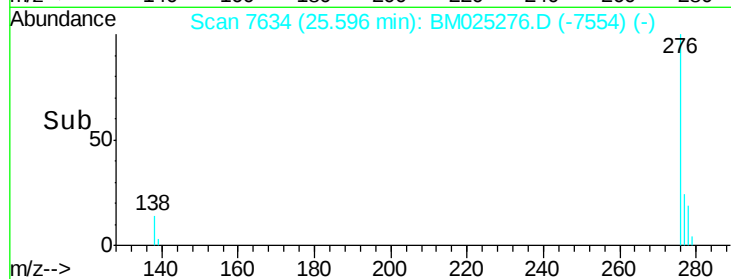
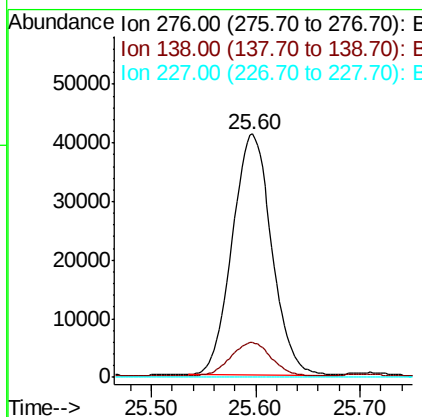
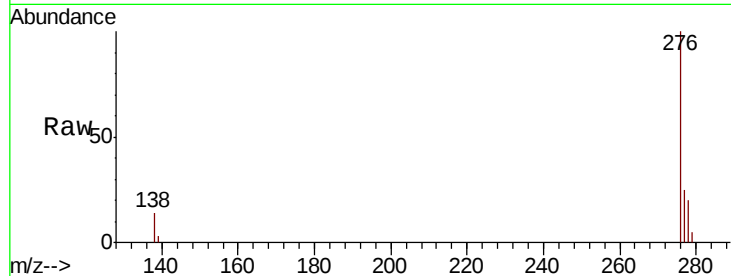
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.979 ng/ul
 RT: 25.60 min Scan# 7634
 Delta R.T. -0.01 min
 Lab File: BM025276.D
 Acq: 05 Mar 2020 07:23

Instrument :
 BNA_M
 ClientSampleId :
 DBD98

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	0.0	0.0#
227	0.0	0.0	0.0

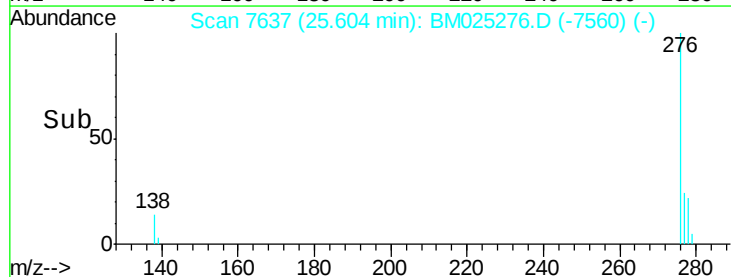
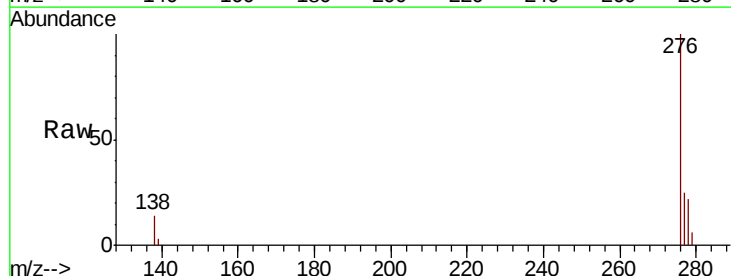
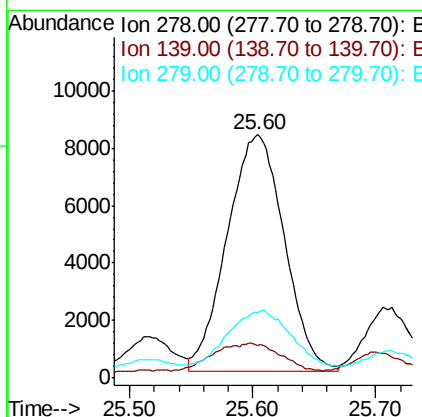
Manual Integrations
 APPROVED

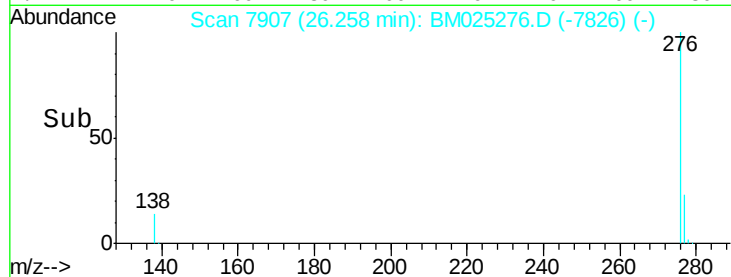
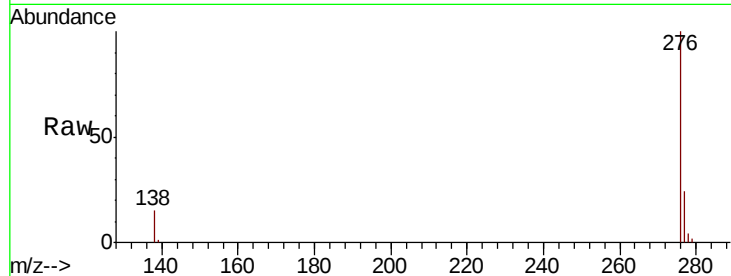
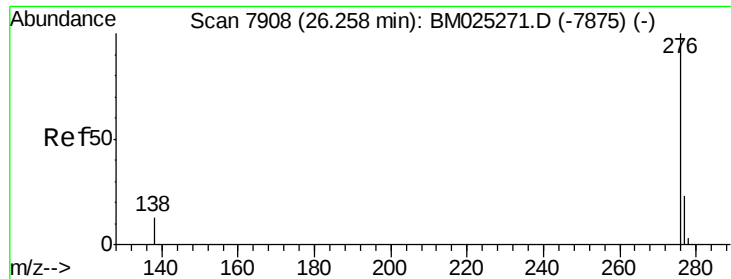
mohammad
 3/5/2020 3:30:55 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.289 ng/ul
 RT: 25.60 min Scan# 7637
 Delta R.T. -0.01 min
 Lab File: BM025276.D
 Acq: 05 Mar 2020 07:23

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.3	13.2	19.8
279	26.9	21.0	31.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.711 ng/ul
 RT: 26.26 min Scan# 7907
 Delta R.T. -0.00 min
 Lab File: BM025276.D
 Acq: 05 Mar 2020 07:23

Instrument :
 BNA_M
 ClientSampleId :
 DBD98

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.9	26.9#
277	24.0	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:30:55 PM

