

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025301.D
 Acq On : 06 Mar 2020 00:22
 Operator : CG/JU
 Sample : L1568-13
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB4

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:20 PM

Quant Time: Mar 06 03:28:08 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	3722	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29253m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26749	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	23948	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7786	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	25125	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1354	0.028	ng/ul	97
7) Acenaphthylene	14.02	152	10024	0.177	ng/ul	95
8) Acenaphthene	14.36	153	4567	0.104	ng/ul	99
9) Fluorene	15.35	166	5840	0.106	ng/ul	96
12) Phenanthrene	17.08	178	35865	0.380	ng/ul	95
13) Anthracene	17.17	178	41897	0.500	ng/ul	95
15) Fluoranthene	19.10	202	242333	2.053	ng/ul	95
17) Pyrene	19.46	202	250235	2.467	ng/ul	95
18) Benzo(a)anthracene	21.21	228	222972	2.268	ng/ul	99
19) Chrysene	21.26	228	334680	3.098	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	374519m	3.909	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	121934m	1.213	ng/ul	
23) Benzo(a)pyrene	23.32	252	153653	1.910	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.59	276	86633	0.864	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	22458	0.270	ng/ul	97
26) Benzo(a,h,i)perylene	26.25	276	55633	0.653	ng/ul#	92

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

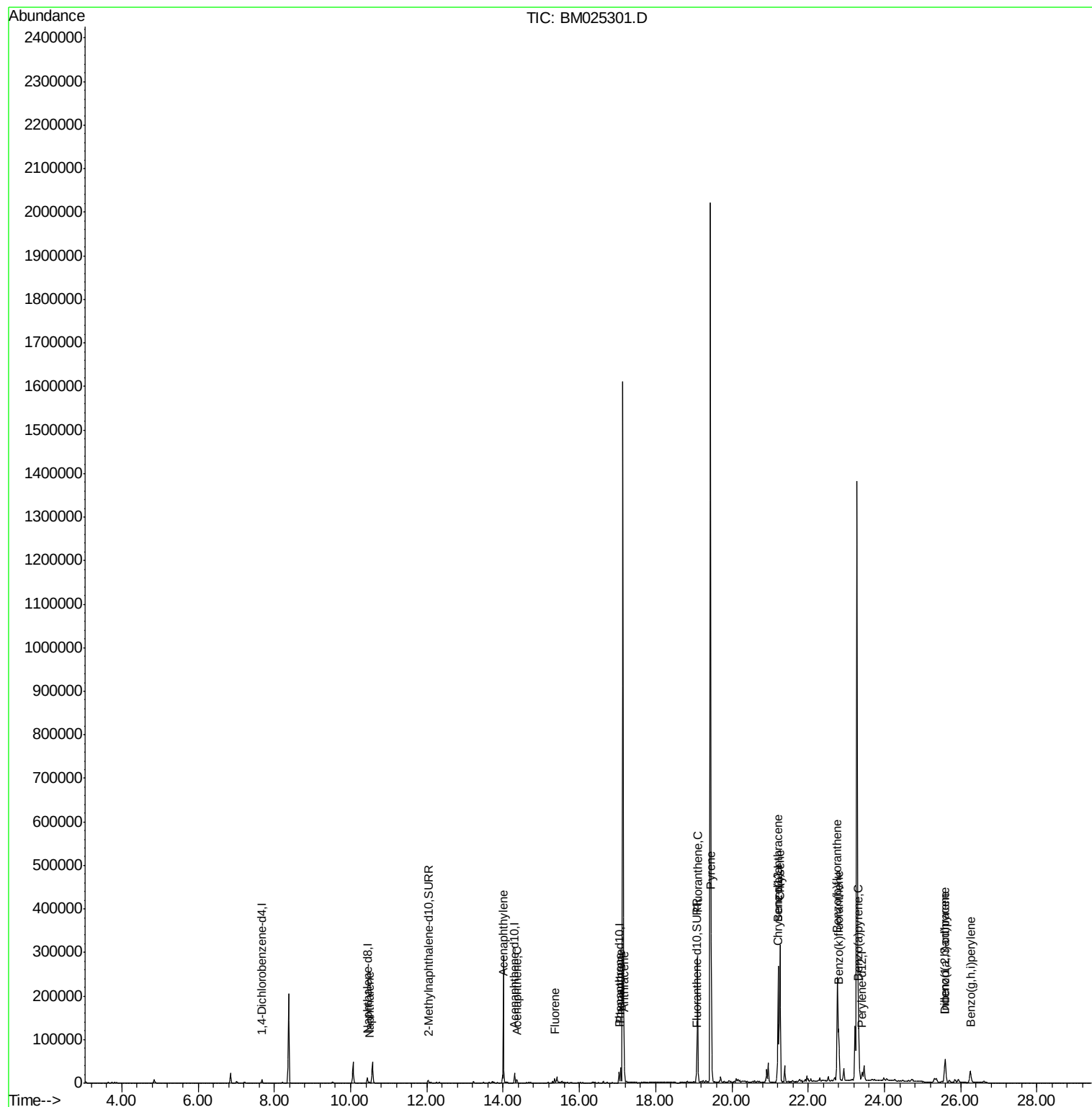
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025301.D
Acq On : 06 Mar 2020 00:22
Operator : CG/JU
Sample : L1568-13
Misc :
ALS Vial : 98 Sample Multiplier: 1

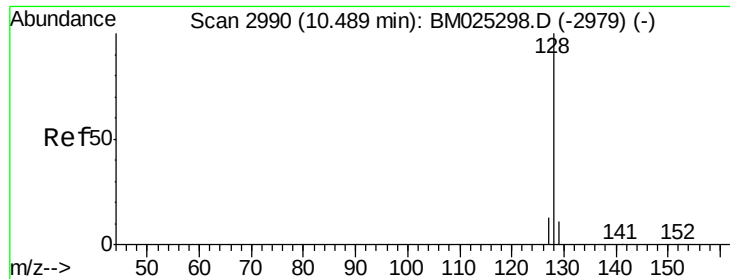
Instrument :
BNA_M
ClientSampleId :
DBDB4

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 PM

Quant Time: Mar 06 03:28:08 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: 0.028 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

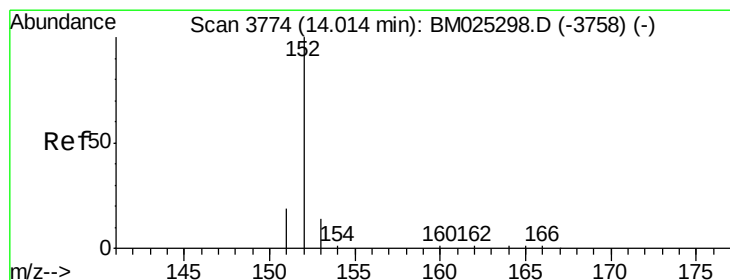
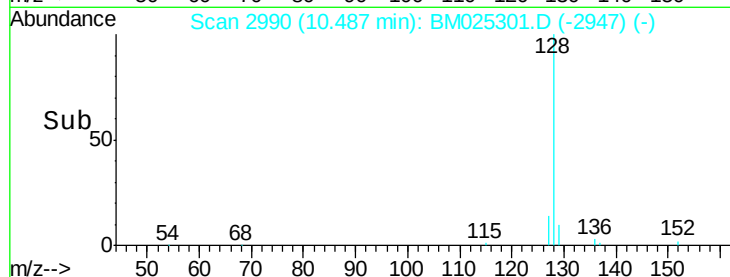
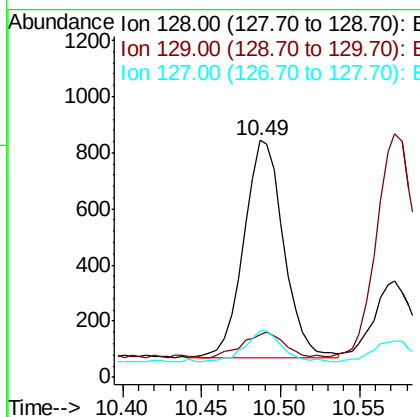
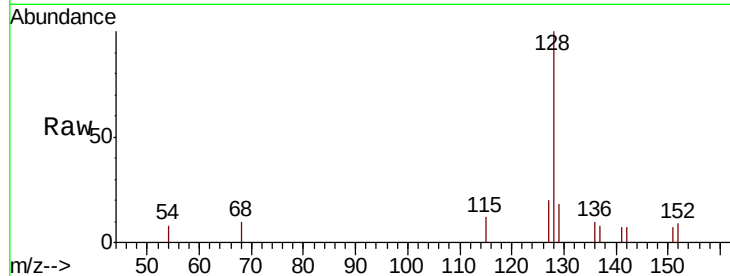
ClientSampleId :

DBDB4

Tot Ion:	128	Resp:	1354
Ion	Ratio	Lower	Upper
128	100		
129	18.2	17.0	25.6
127	19.5	15.7	23.5

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 PM



#7

Acenaphthylene

Concen: 0.177 ng/ul

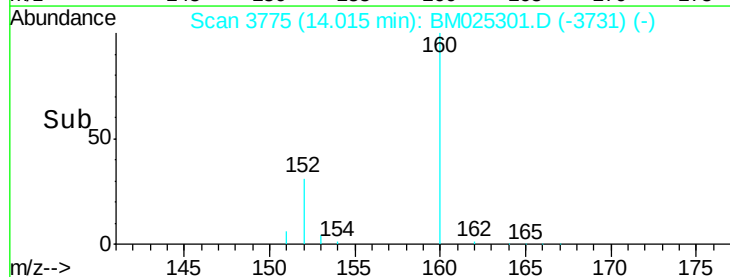
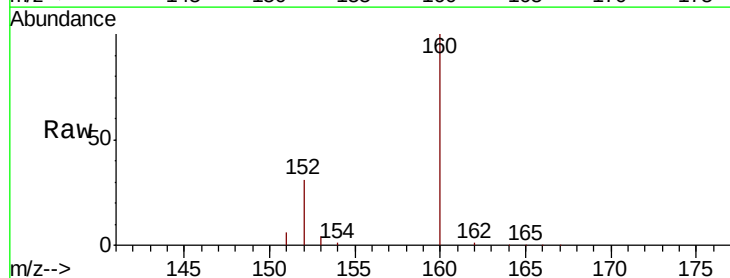
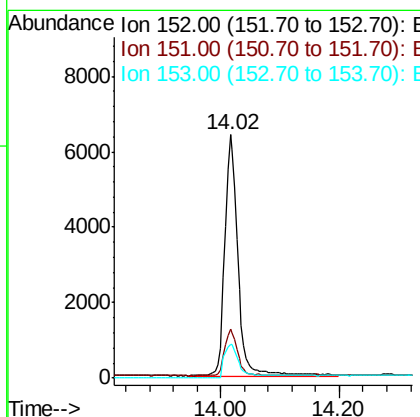
RT: 14.02 min Scan# 3775

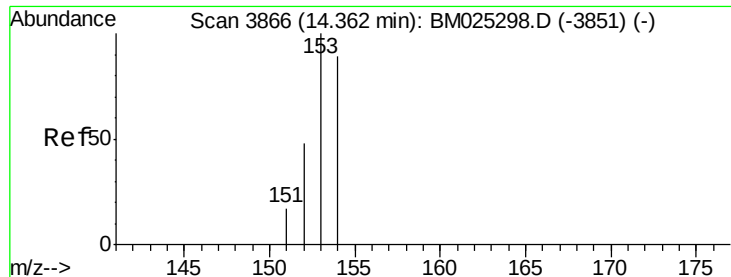
Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Tgt Ion:	152	Resp:	10024
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.8	26.8
153	14.0	13.3	19.9





#8

Acenaphthene

Concen: 0.104 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

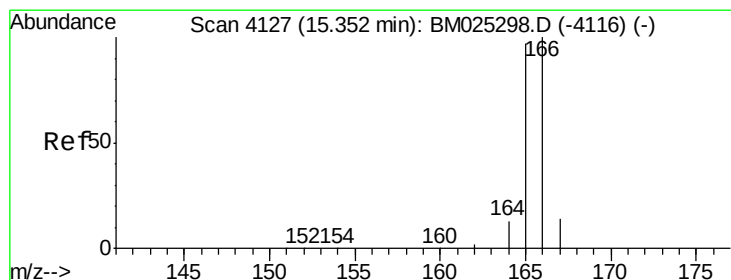
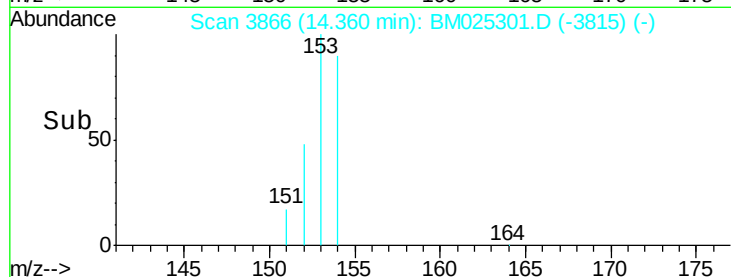
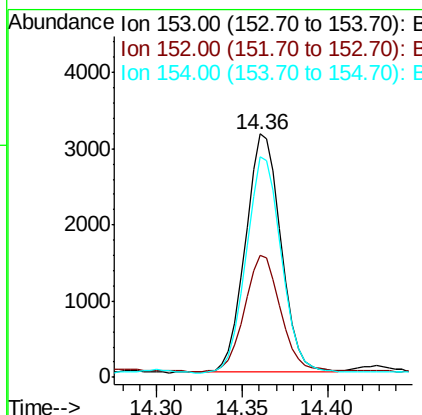
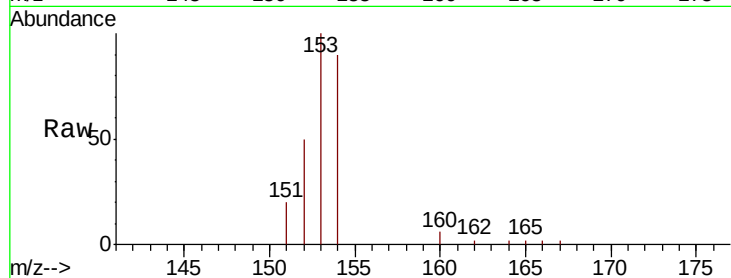
ClientSampleId :

DBDB4

Tot Ion:	153	Resp:	4567
Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.0	60.0
154	90.5	71.0	106.6

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 PM



#9

Fluorene

Concen: 0.106 ng/ul

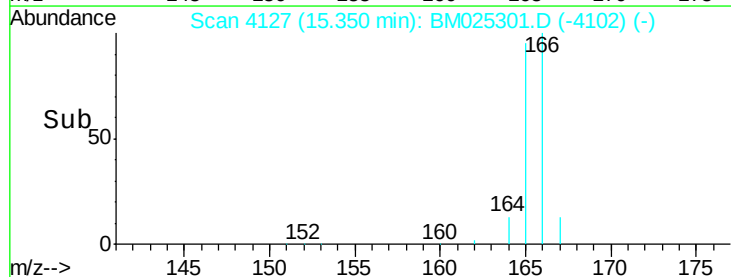
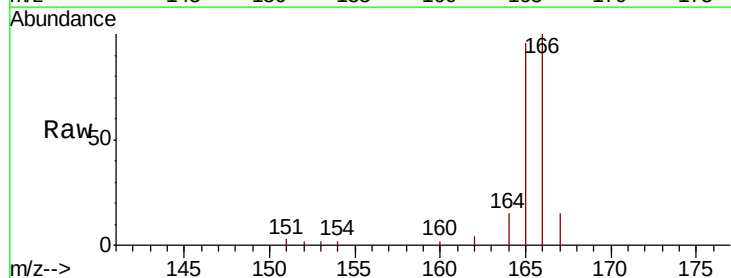
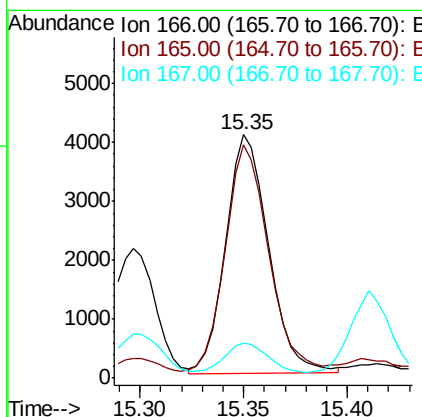
RT: 15.35 min Scan# 4127

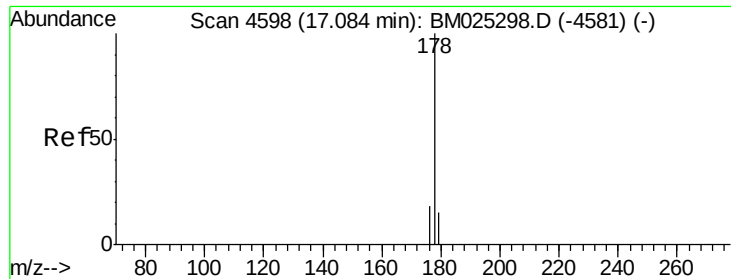
Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Tgt Ion:	166	Resp:	5840
Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.0	120.0
167	14.6	13.7	20.5





#12

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

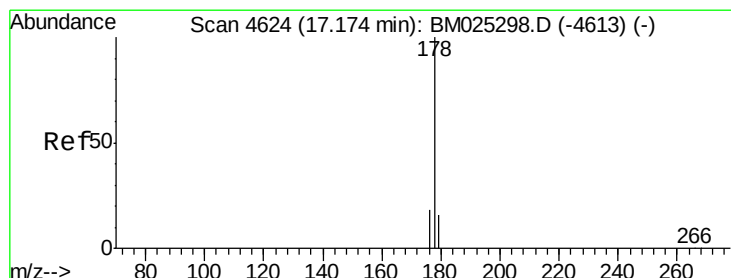
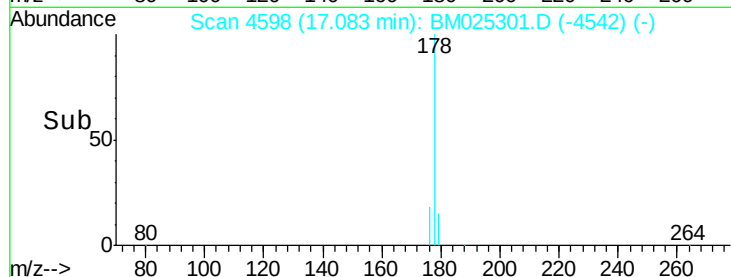
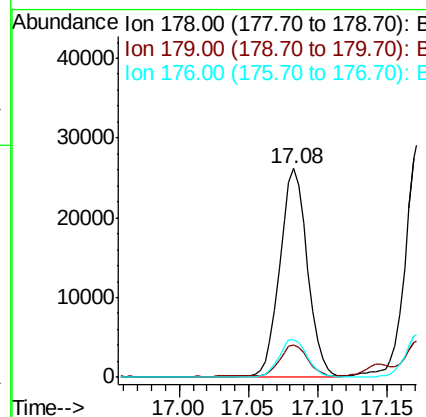
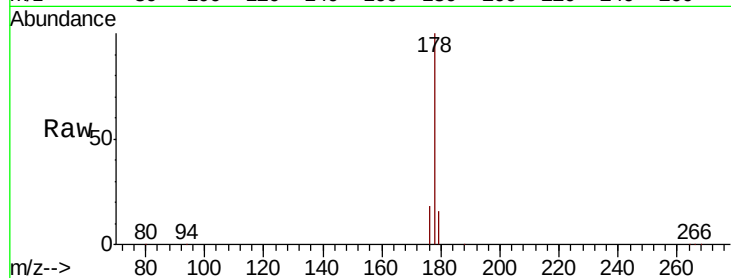
ClientSampleId :

DBDB4

Tot Ion:178	Resp:	35865
Ion Ratio	Lower	Upper
178 100		
179 15.8	14.0	21.0
176 18.2	16.6	24.8

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 PM



#13

Anthracene

Concen: 0.500 ng/ul

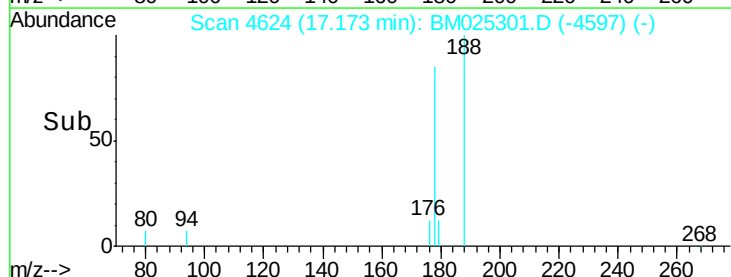
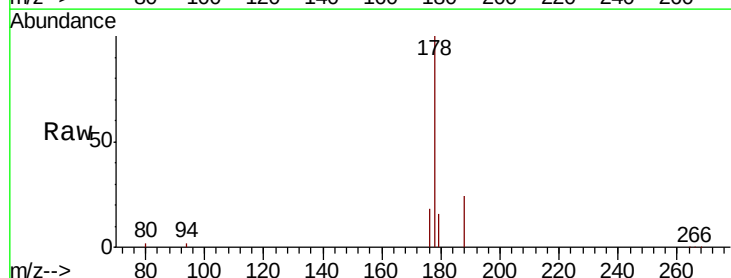
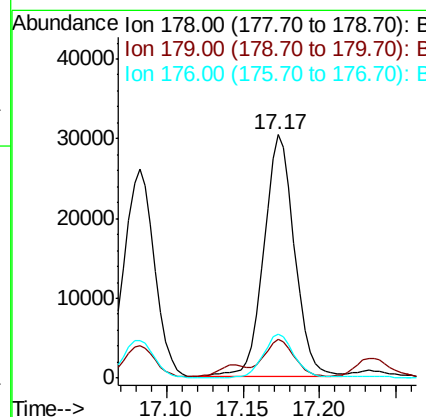
RT: 17.17 min Scan# 4624

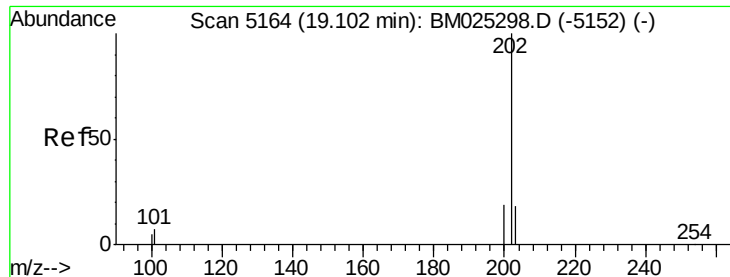
Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Tgt Ion:178	Resp:	41897
Ion Ratio	Lower	Upper
178 100		
179 15.7	14.1	21.1
176 18.1	16.2	24.4





#15

Fluoranthene

Concen: 2.053 ng/ul

RT: 19.10 min Scan# 5164

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

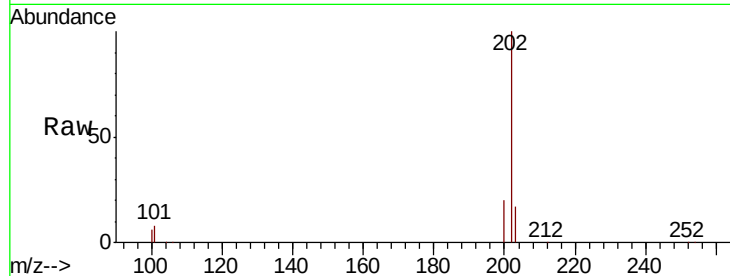
ClientSampleId :

DBDB4

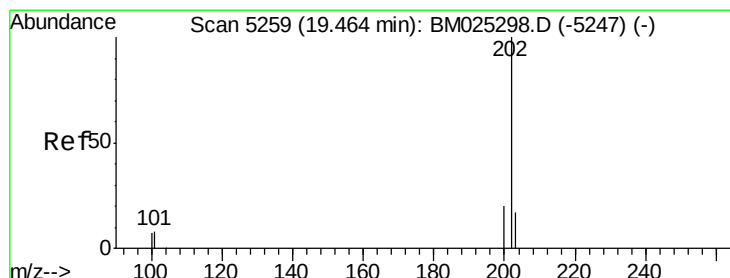
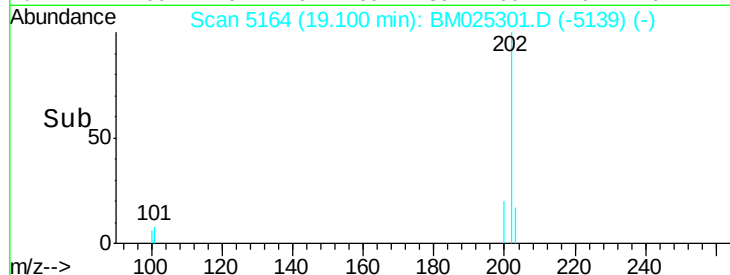
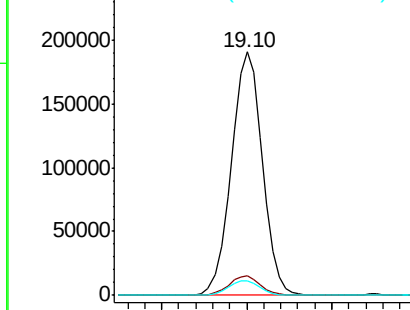
Tot Ion:	202	Resp:	242333
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	29.4
100	6.1	0.0	28.0

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 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: 2.467 ng/ul

RT: 19.46 min Scan# 5259

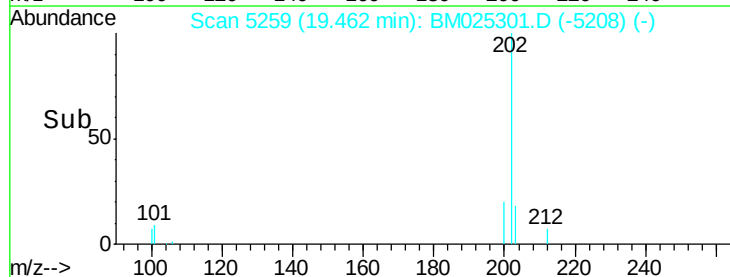
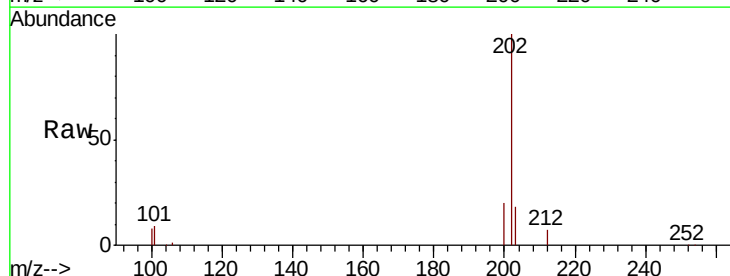
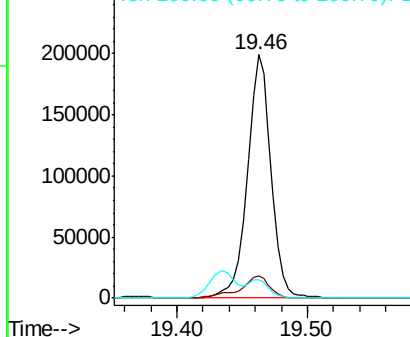
Delta R.T. -0.01 min

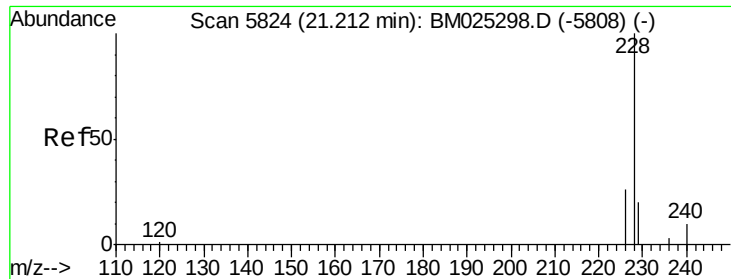
Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Tgt Ion:	202	Resp:	250235
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.7	13.1
100	7.5	7.3	10.9

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





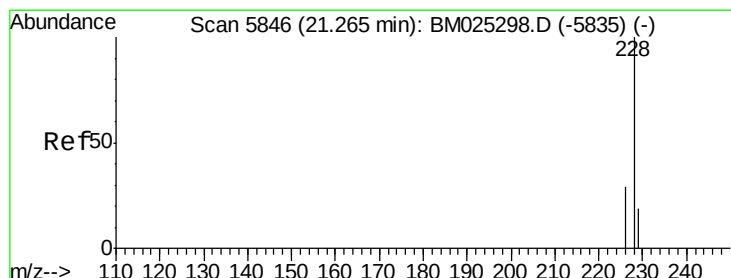
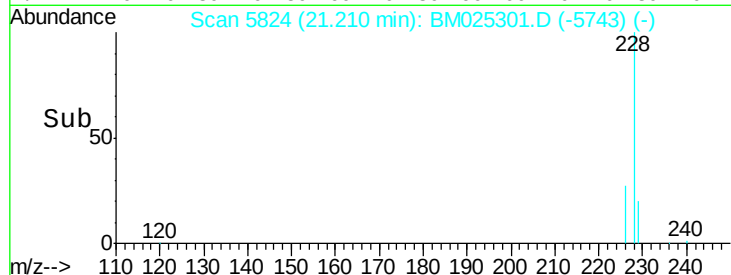
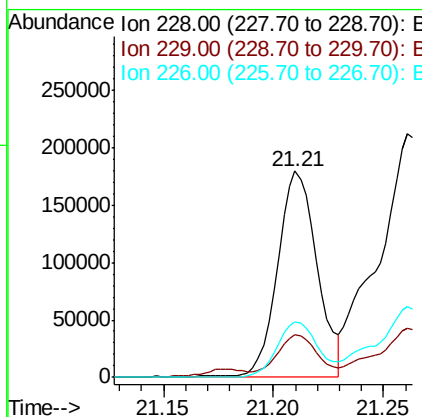
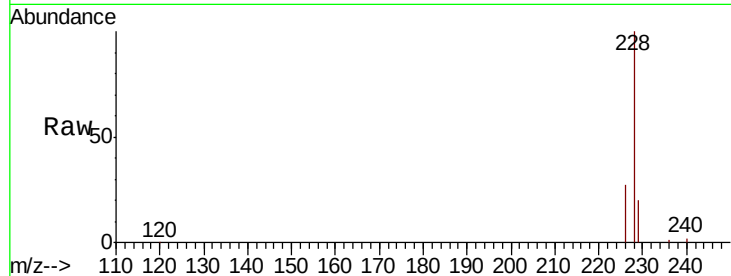
#18
Benzo(a)anthracene
Concen: 2.268 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Instrument :
BNA_M
ClientSampleId :
DBDB4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.6	25.0
226	27.0	21.9	32.9

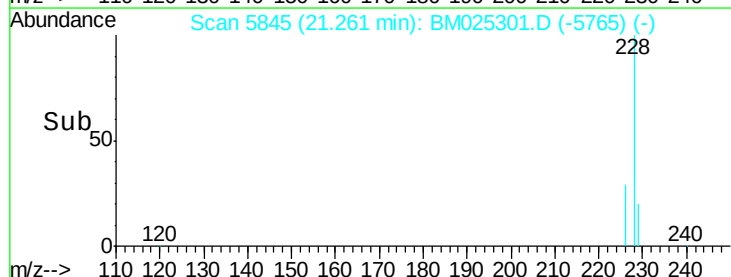
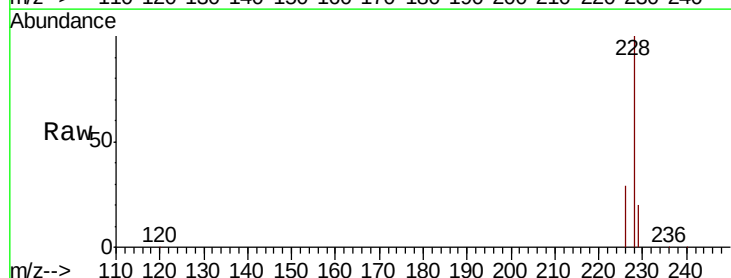
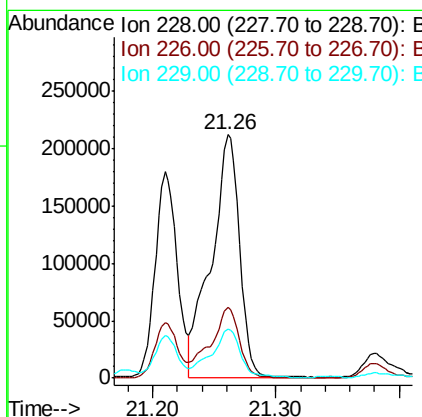
Manual Integrations
APPROVED

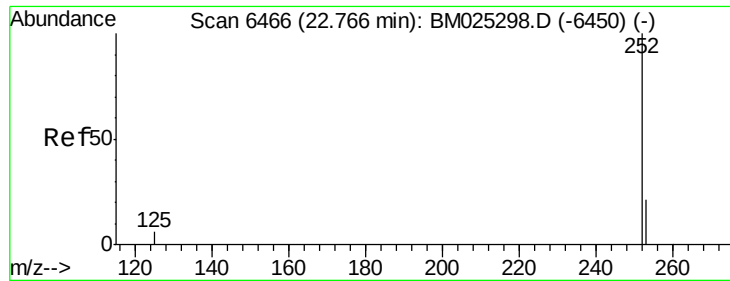
mohammad
3/6/2020 10:15:20 PM



#19
Chrysene
Concen: 3.098 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	20.2	16.9	25.3





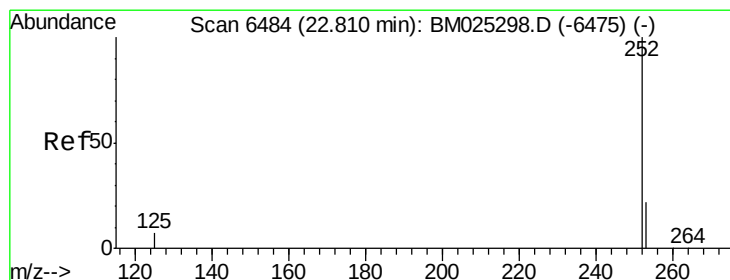
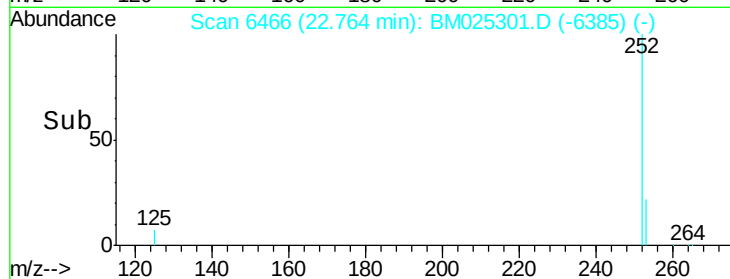
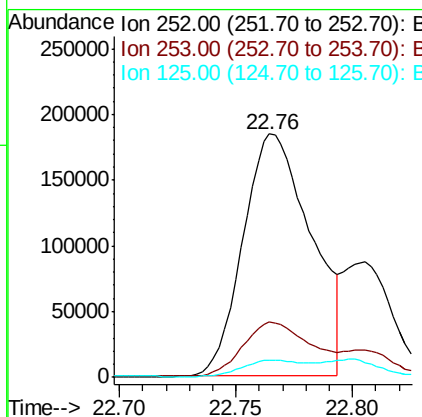
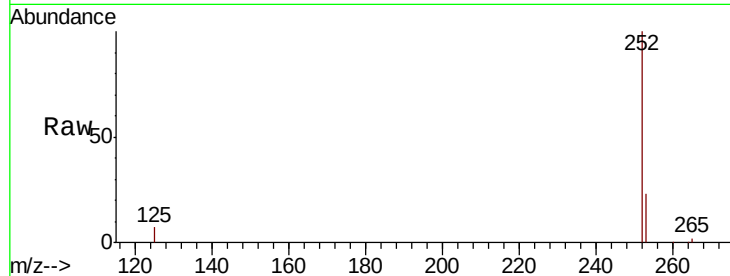
#21
Benzo(b)fluoranthene
Concen: 3.909 ng/ul m
RT: 22.76 min Scan# 6466
Delta R.T. -0.00 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Instrument :
BNA_M
ClientSampleId :
DBDB4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	49.8
125	7.0	0.0	28.6

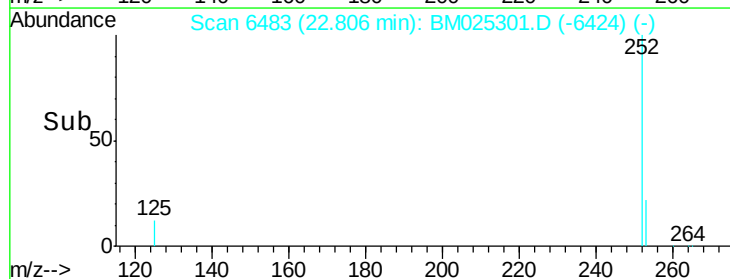
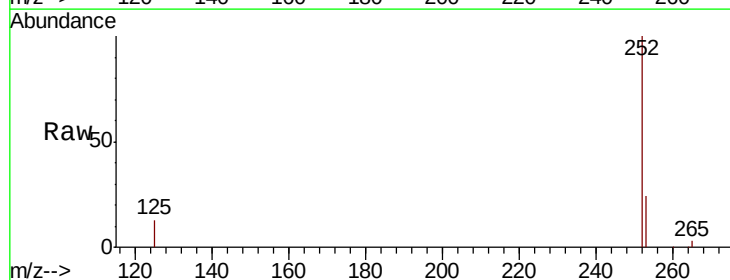
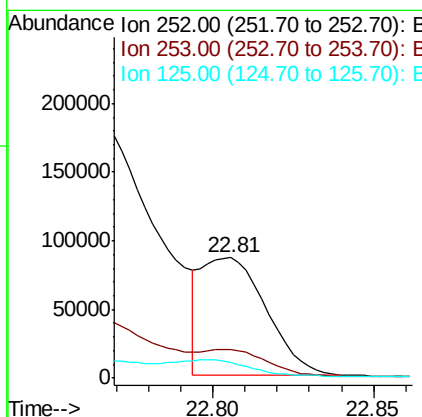
Manual Integrations
APPROVED

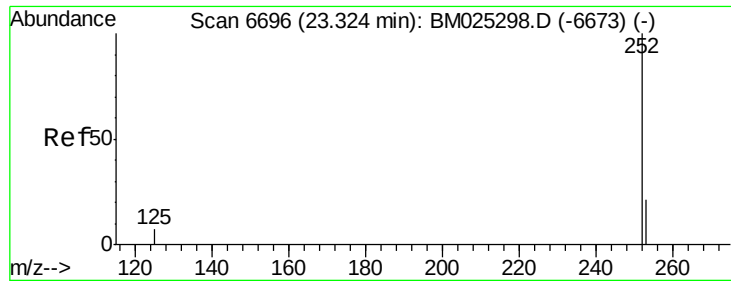
mohammad
3/6/2020 10:15:20 PM



#22
Benzo(k)fluoranthene
Concen: 1.213 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	19.4	29.0
125	13.1	10.7	16.1





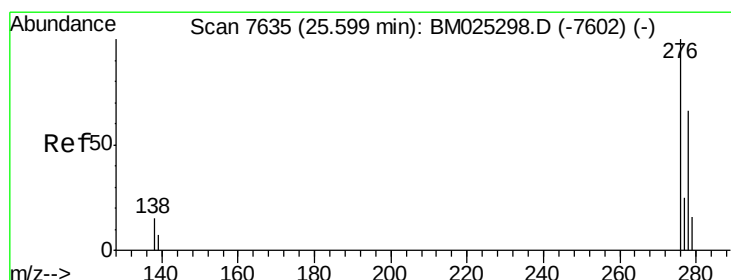
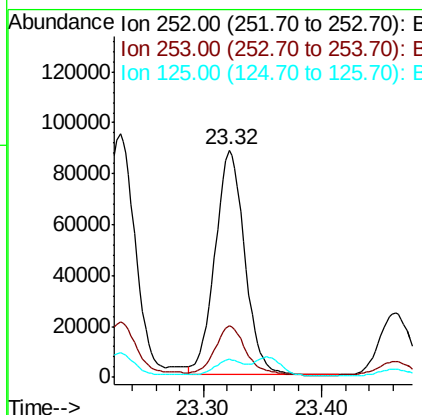
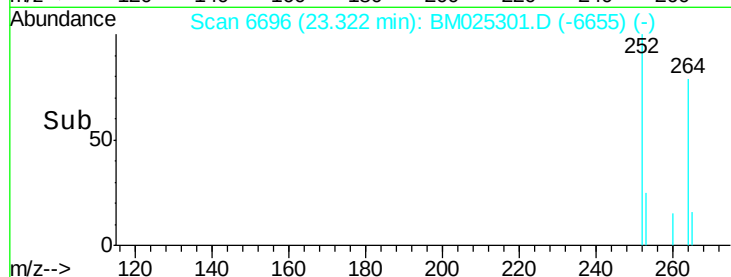
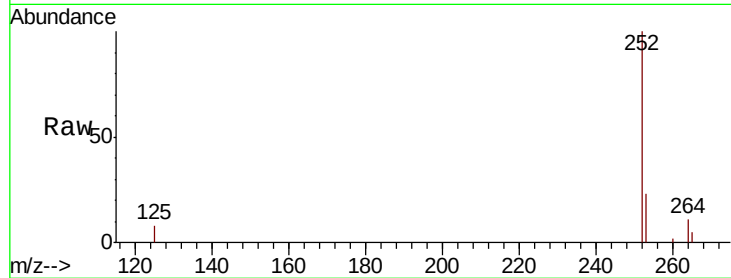
#23
Benzo(a)pyrene
Concen: 1.910 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.00 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Instrument :
BNA_M
ClientSampleId :
DBDB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.3	30.5
125	7.8	13.0	19.4

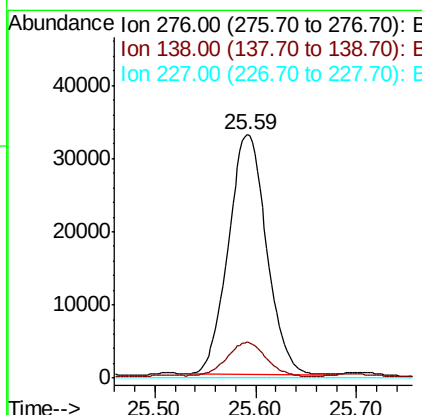
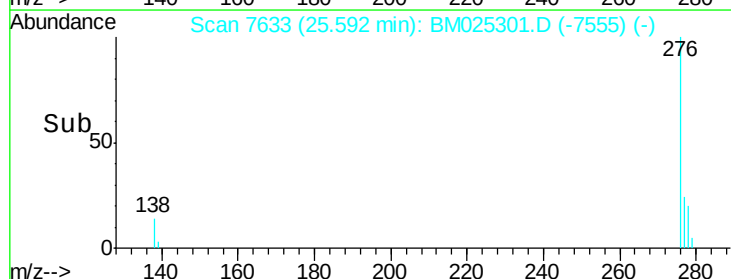
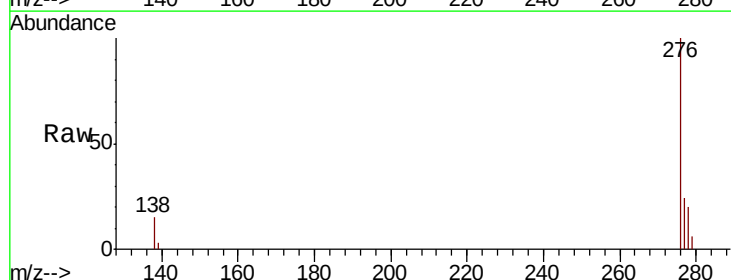
Manual Integrations
APPROVED

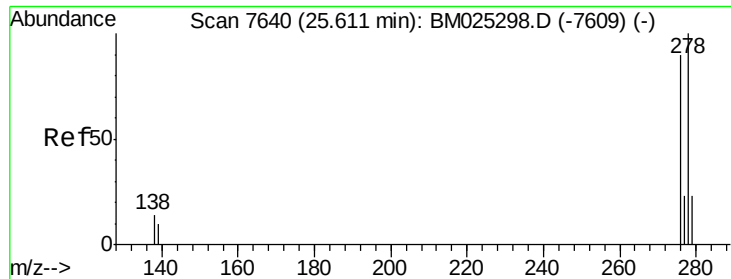
mohammad
3/6/2020 10:15:20 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.864 ng/ul
RT: 25.59 min Scan# 7633
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	0.0	0.0
227	0.0	0.0	0.0





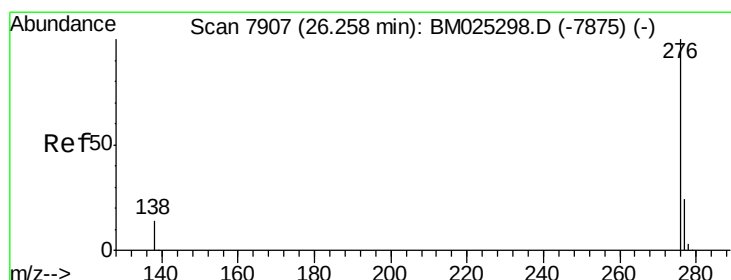
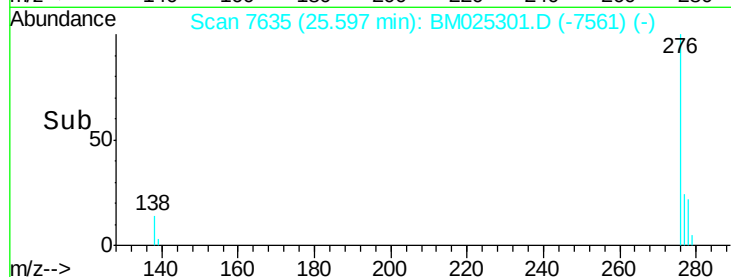
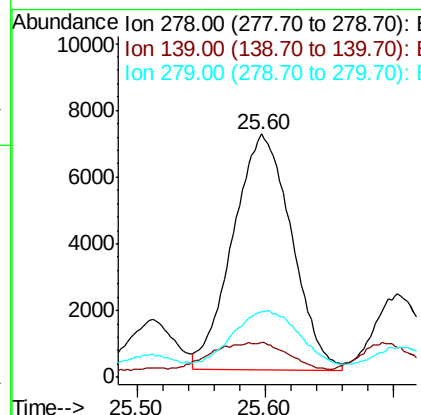
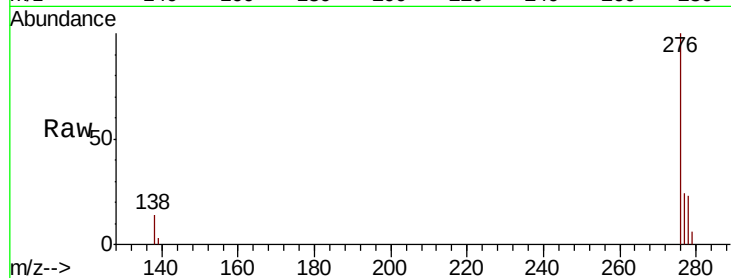
#25
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 25.60 min Scan# 7635
Delta R.T. -0.02 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Instrument :
BNA_M
ClientSampled :
DBDB4

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.2	19.8
279	27.1	21.0	31.4

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:20 PM



#26
Benzo(g,h,i)perylene
Concen: 0.653 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	17.9	26.9#
277	24.2	20.5	30.7

