

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022073.D
 Acq On : 13 Aug 2019 16:58
 Operator : HP/JU
 Sample : K4041-14DL 10X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW7DL

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:07:28 PM

Quant Time: Aug 13 18:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 17:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	646	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	2680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1469	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	3195	0.40	ng/ul	0.03
16) Chrysene-d12	21.22	240	3456	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3651	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	170	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	443	0.04	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	320	0.042	ng/ul#	39
5) 2-Methylnaphthalene	12.11	142	173	0.034	ng/ul	100
7) Acenaphthylene	14.00	152	885	0.129	ng/ul#	81
8) Acenaphthene	14.33	153	207	0.037	ng/ul#	92
9) Fluorene	15.33	166	250	0.040	ng/ul#	88
12) Phenanthrene	17.07	178	5625	0.605	ng/ul	99
13) Anthracene	17.16	178	1570	0.198	ng/ul#	91
15) Fluoranthene	19.09	202	13196	1.060	ng/ul	98
17) Pyrene	19.45	202	16002	1.127	ng/ul	99
18) Benzo(a)anthracene	21.21	228	10126	0.819	ng/ul	97
19) Chrysene	21.26	228	9492	0.597	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	11390m	0.925	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4658m	0.334	ng/ul	
23) Benzo(a)pyrene	23.33	252	8853	0.707	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.64	276	5862	0.392	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	1580	0.131	ng/ul#	68
26) Benzo(g,h,i)perylene	26.32	276	6148	0.457	ng/ul	98

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

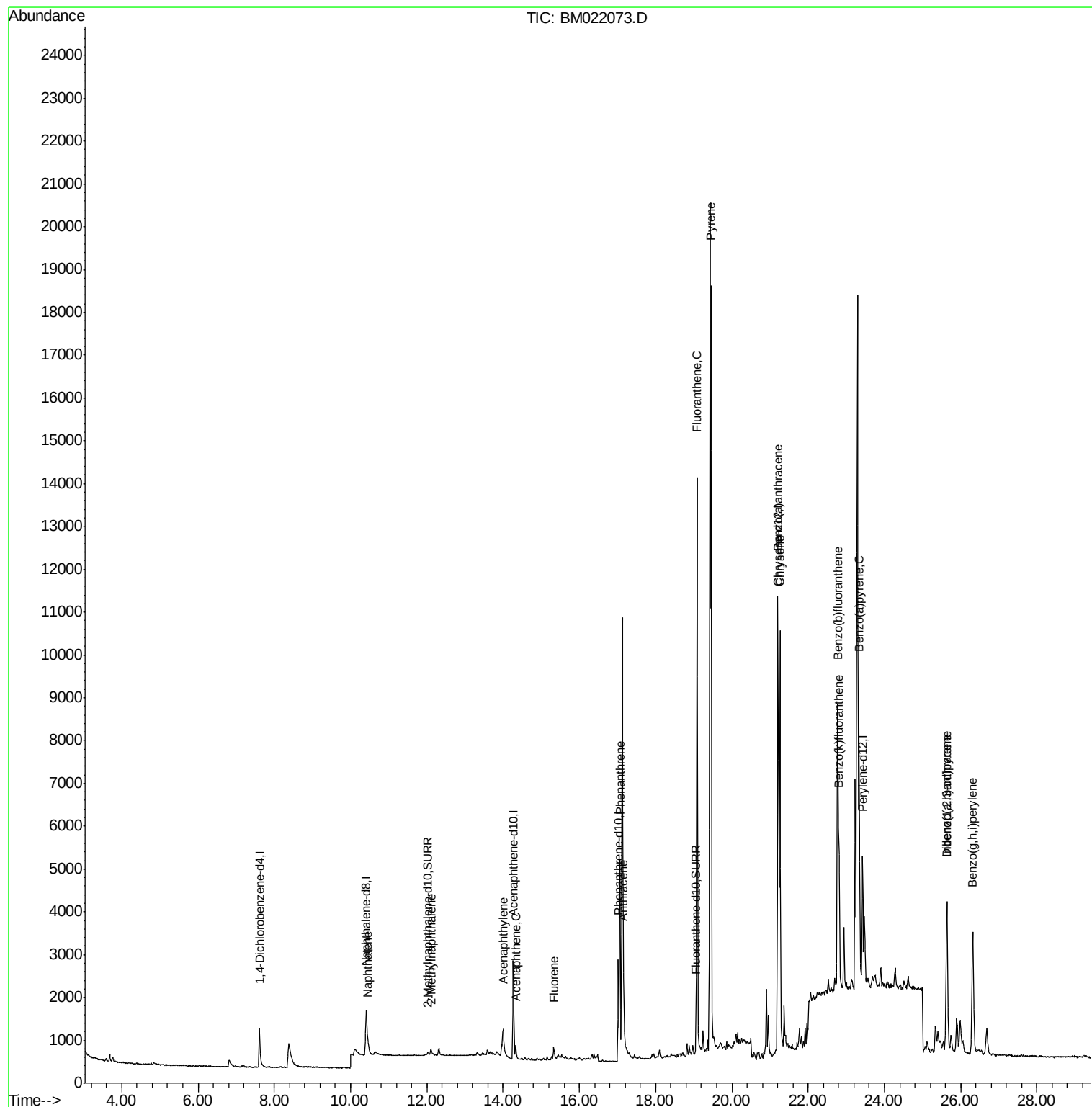
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022073.D
Acq On : 13 Aug 2019 16:58
Operator : HP/JU
Sample : K4041-14DL 10X
Misc :
ALS Vial : 53 Sample Multiplier: 1

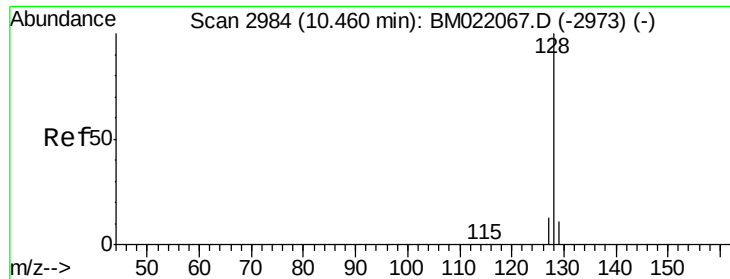
Instrument :
BNA_M
ClientSampleId :
BENW7DL

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM

Quant Time: Aug 13 18:09:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 17:32:37 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.042 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

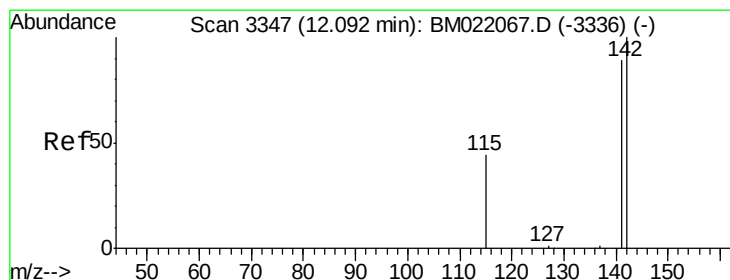
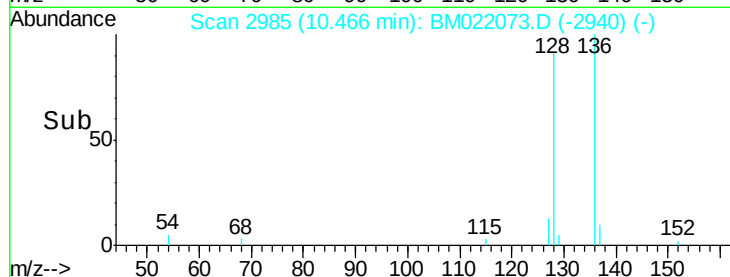
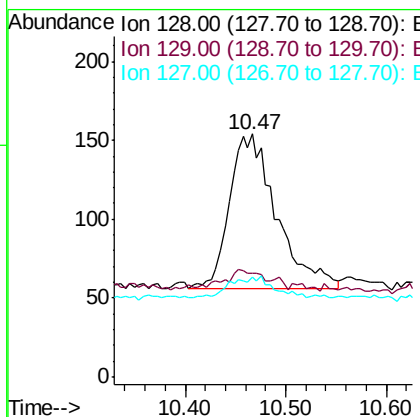
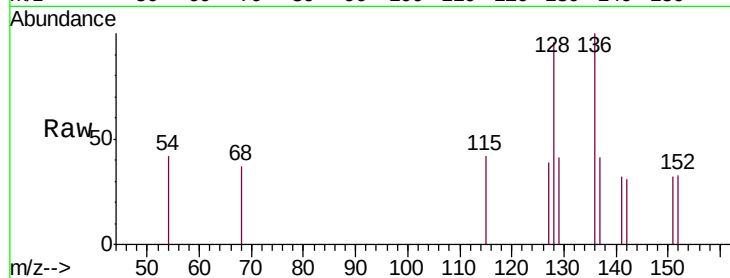
ClientSampleId :

BENW7DL

Tgt Ion:	128	Resp:	320
Ion Ratio	Lower	Upper	
128	100		
129	42.9	12.3	18.5#
127	40.9	13.0	19.6#

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

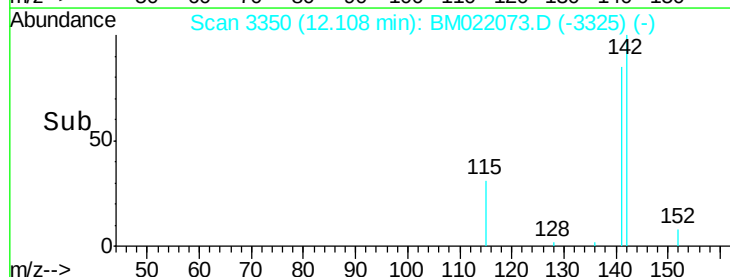
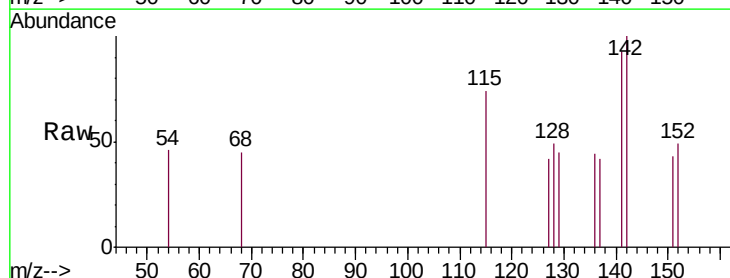
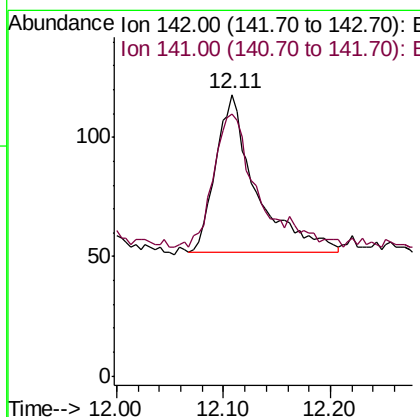
RT: 12.11 min Scan# 3350

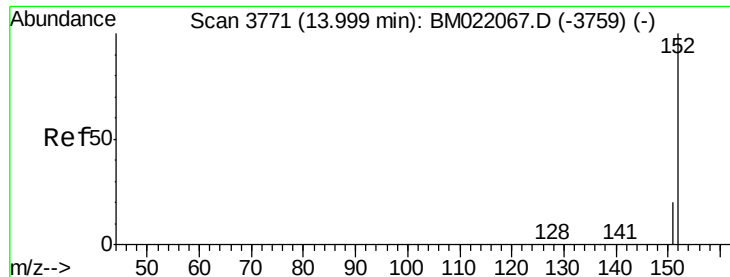
Delta R.T. 0.01 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	142	Resp:	173
Ion Ratio	Lower	Upper	
142	100		
141	92.5	74.3	111.5





#7

Acenaphthylene

Concen: 0.129 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

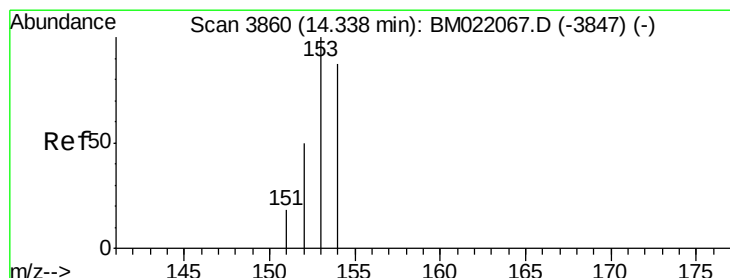
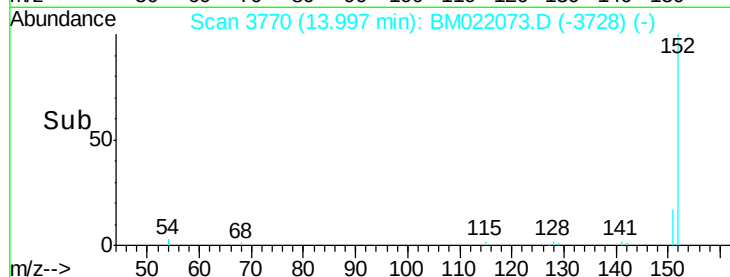
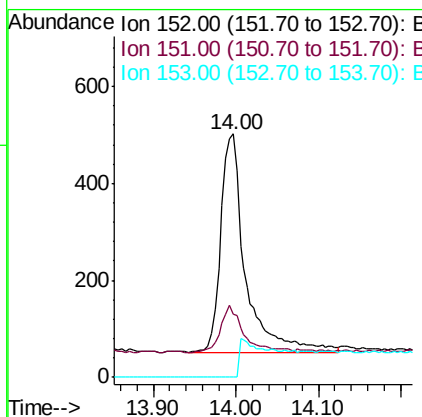
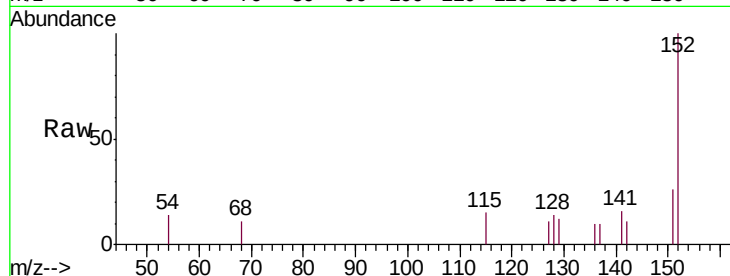
ClientSampleId :

BENW7DL

Tgt Ion:	152	Resp:	885
Ion Ratio	Lower	Upper	
152	100		
151	26.1	18.3	27.5
153	0.0	12.8	19.2#

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#8

Acenaphthene

Concen: 0.037 ng/ul

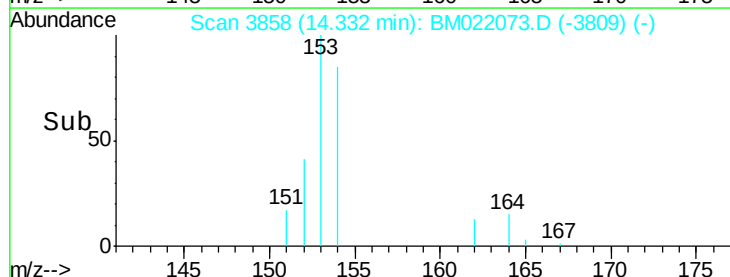
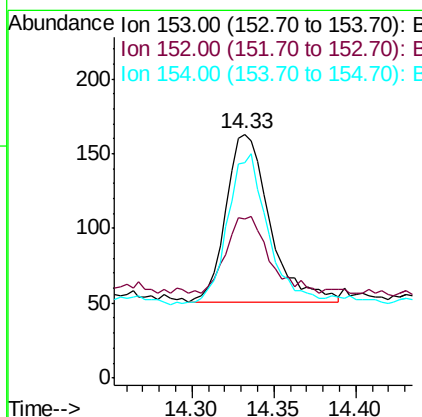
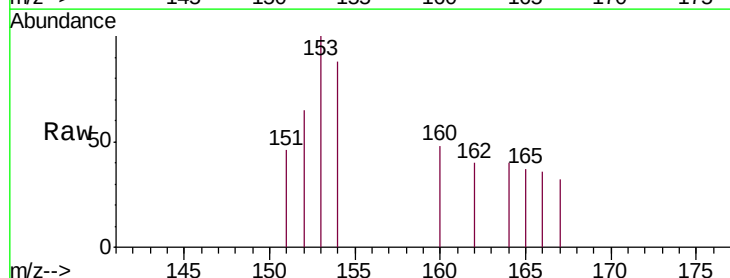
RT: 14.33 min Scan# 3858

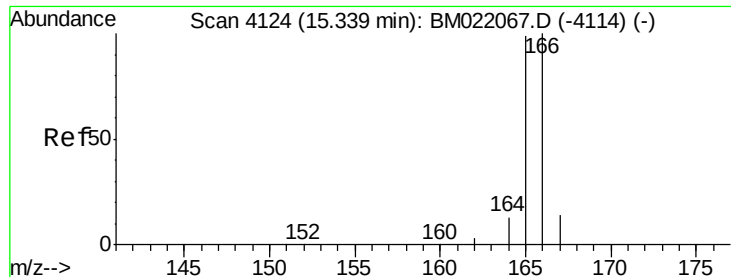
Delta R.T. -0.01 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	153	Resp:	207
Ion Ratio	Lower	Upper	
153	100		
152	65.0	41.3	61.9#
154	88.3	72.3	108.5





#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

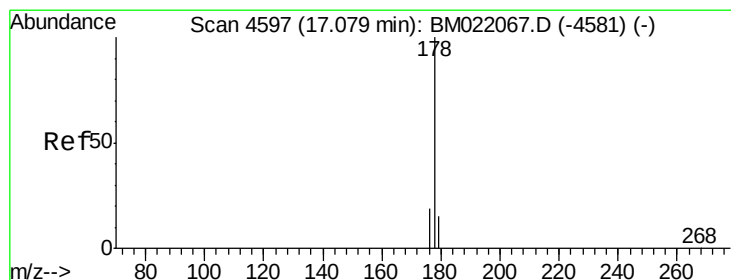
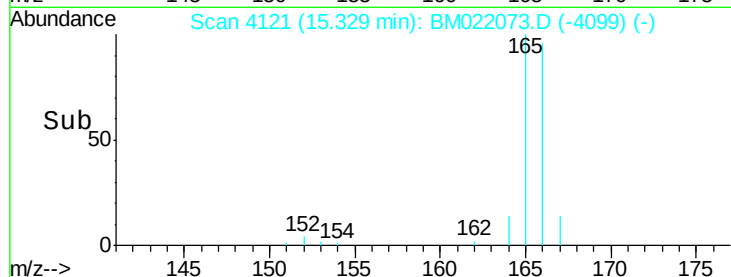
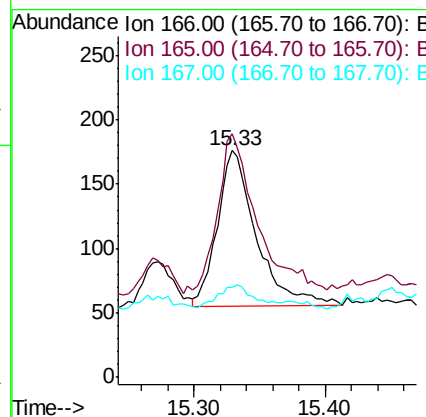
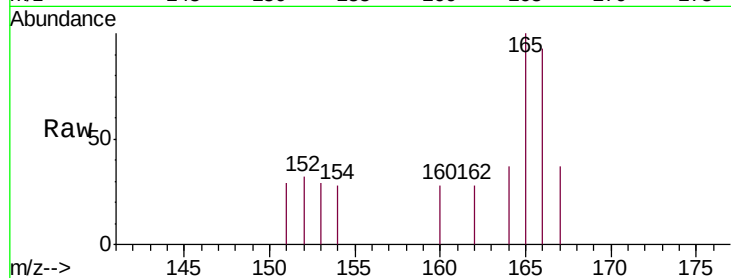
ClientSampleId :

BENW7DL

Tgt Ion:	166	Resp:	250
Ion Ratio	Lower	Upper	
166	100		
165	107.4	81.4	122.0
167	39.8	13.7	20.5#

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#12

Phenanthrene

Concen: 0.605 ng/ul

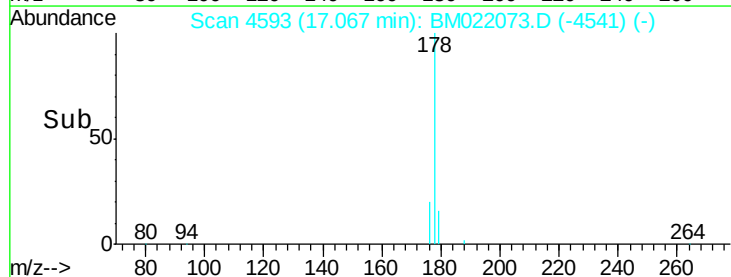
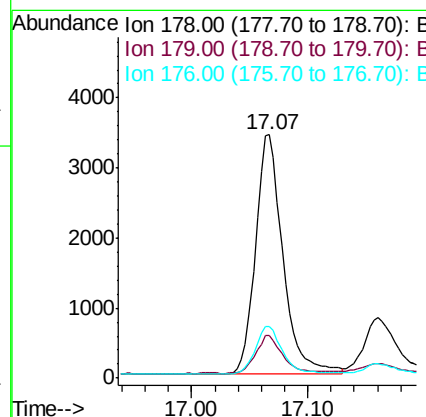
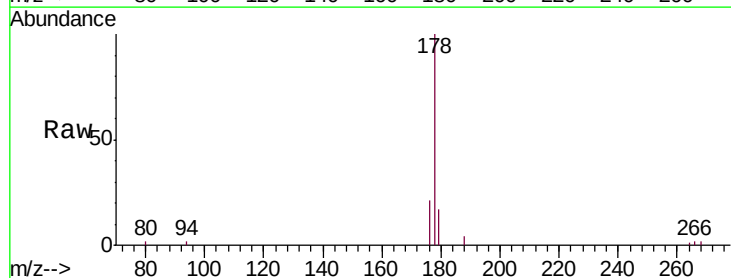
RT: 17.07 min Scan# 4593

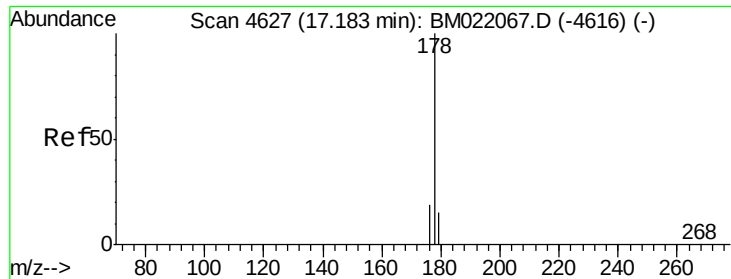
Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	178	Resp:	5625
Ion Ratio	Lower	Upper	
178	100		
179	17.4	14.2	21.2
176	21.3	16.8	25.2





#13

Anthracene

Concen: 0.198 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

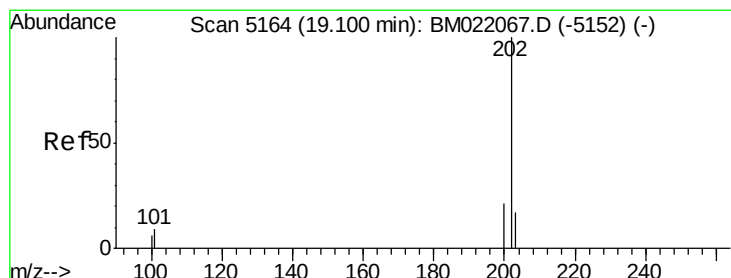
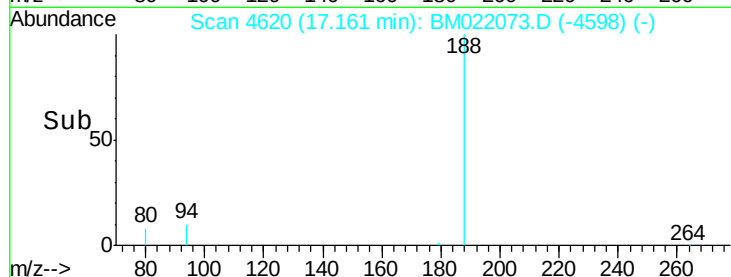
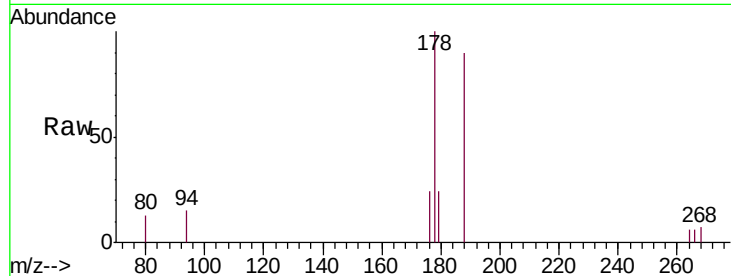
ClientSampleId :

BENW7DL

Tgt Ion:	178	Resp:	1570
Ion Ratio	Lower	Upper	
178	100		
179	24.3	15.5	23.3#
176	24.3	16.6	25.0

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#15

Fluoranthene

Concen: 1.060 ng/ul

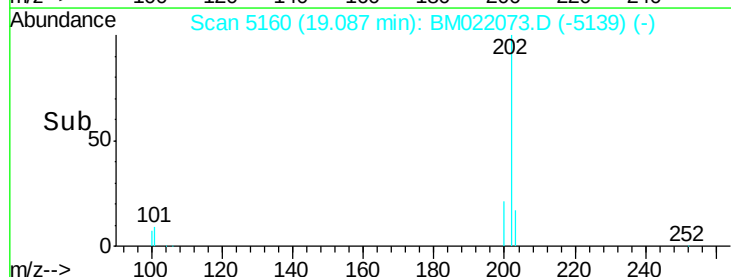
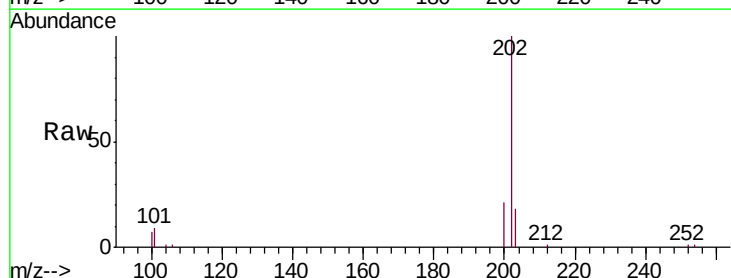
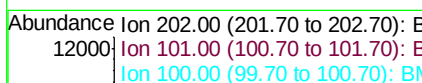
RT: 19.09 min Scan# 5160

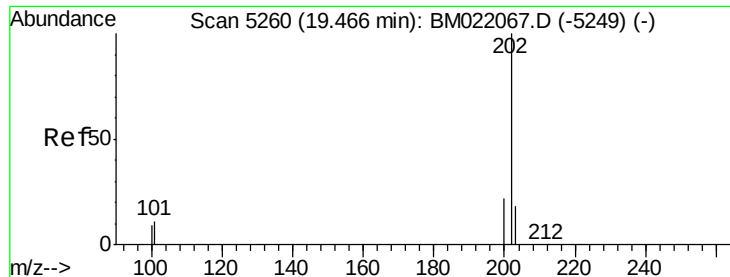
Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	202	Resp:	13196
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.2
100	7.2	0.0	28.1





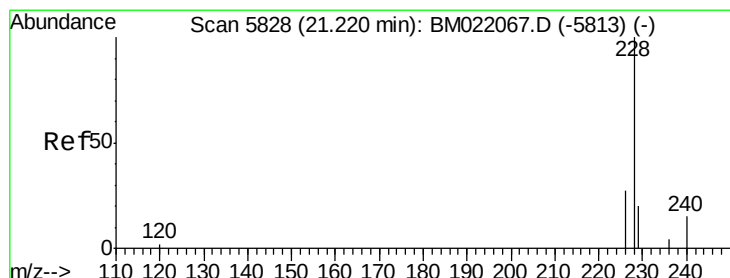
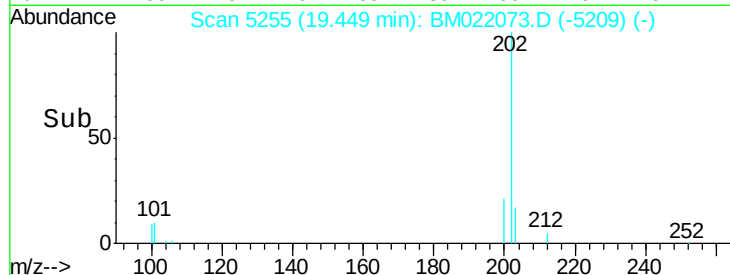
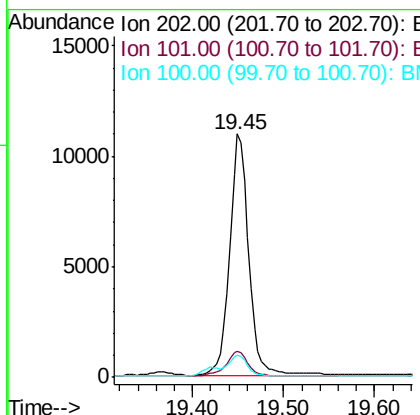
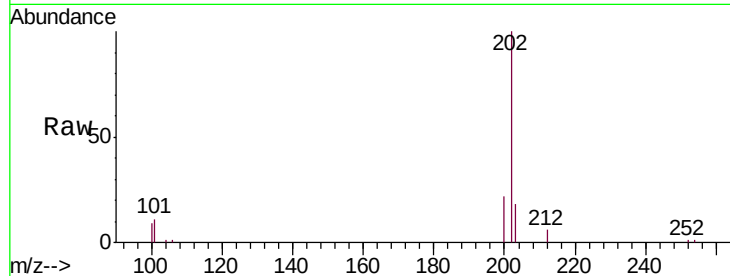
#17
Pyrene
 Concen: 1.127 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.02 min
 Lab File: BM022073.D
 Acq: 13 Aug 2019 16:58

Instrument :
 BNA_M
 ClientSampleId :
 BENW7DL

Tgt Ion:	202	Resp:	16002
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.2	7.2	10.8

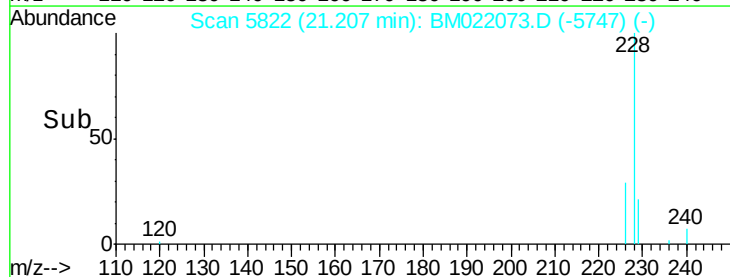
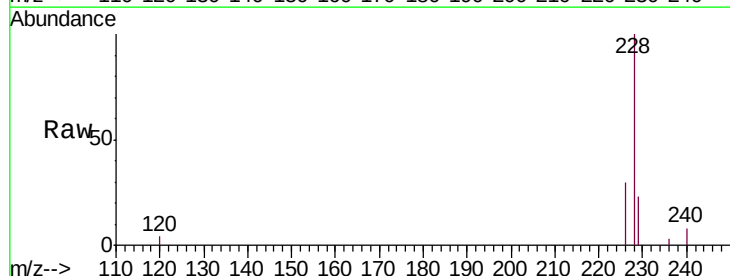
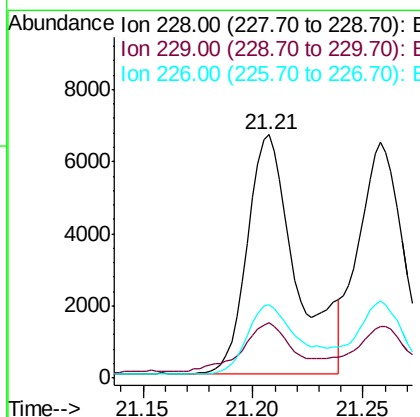
Manual Integrations
 APPROVED

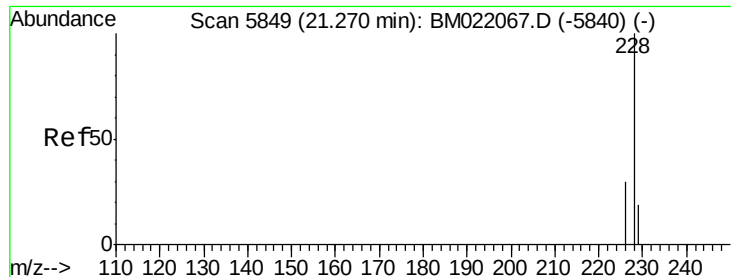
mohammad
 8/15/2019 5:07:28 PM



#18
Benzo(a)anthracene
 Concen: 0.819 ng/ul
 RT: 21.21 min Scan# 5822
 Delta R.T. -0.02 min
 Lab File: BM022073.D
 Acq: 13 Aug 2019 16:58

Tgt Ion:	228	Resp:	10126
Ion Ratio	Lower	Upper	
228	100		
229	22.8	17.2	25.8
226	30.3	22.6	34.0





#19

Chrysene

Concen: 0.597 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

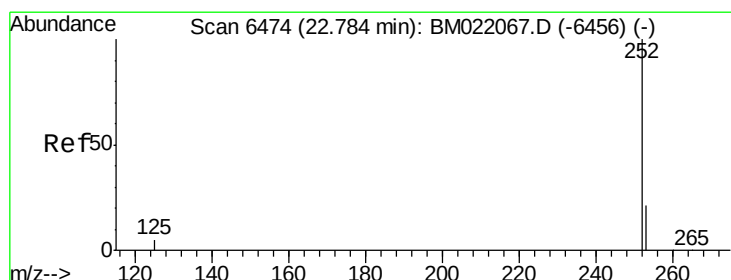
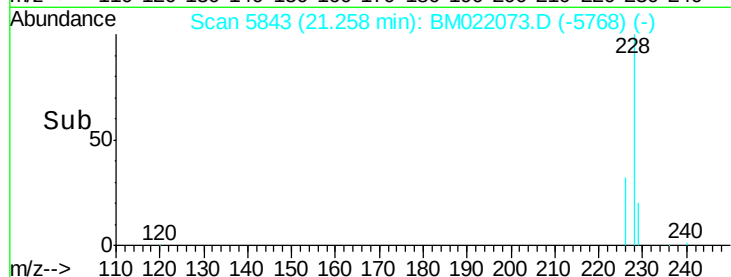
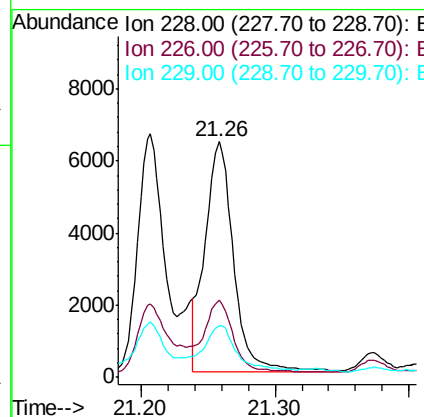
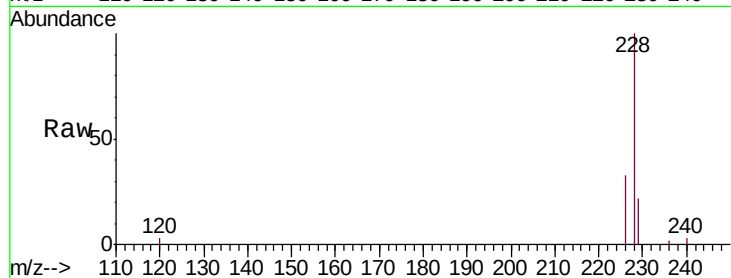
ClientSampleId :

BENW7DL

Tgt Ion:	228	Resp:	9492
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.9	16.6	25.0

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#21

Benzo(b)fluoranthene

Concen: 0.925 ng/ul m

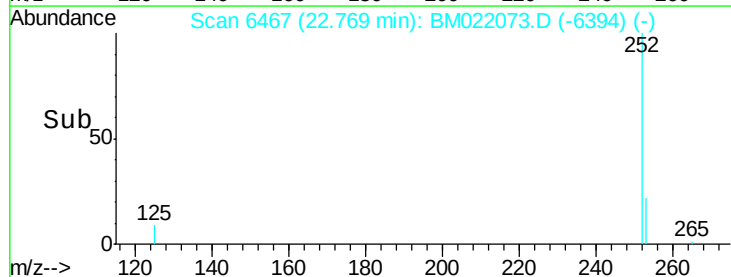
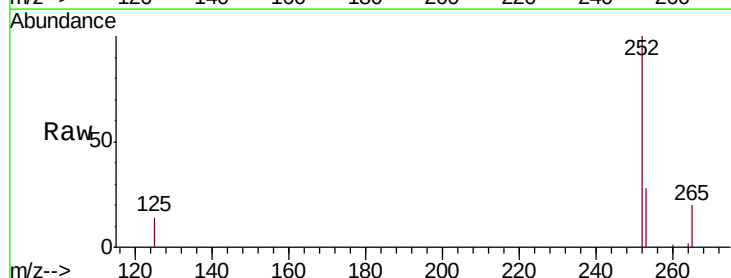
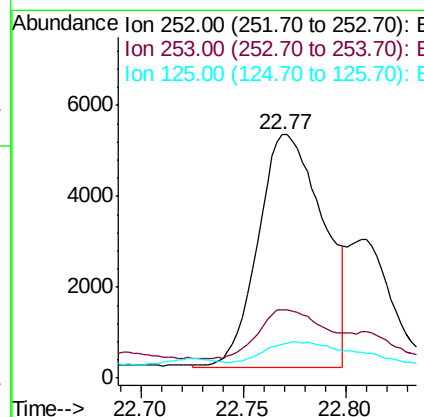
RT: 22.77 min Scan# 6467

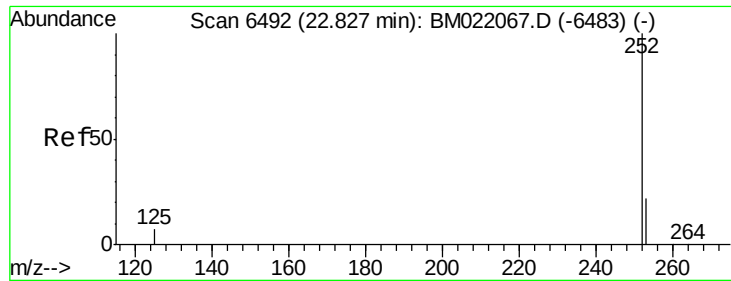
Delta R.T. -0.02 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	252	Resp:	11390
Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	67.4
125	14.0	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.334 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.03 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Instrument :

BNA_M

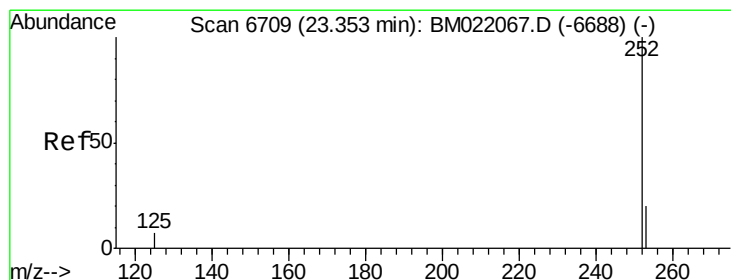
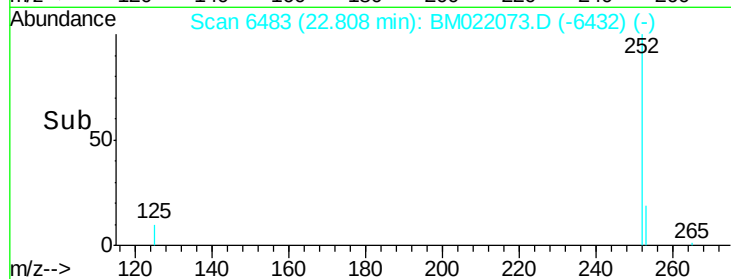
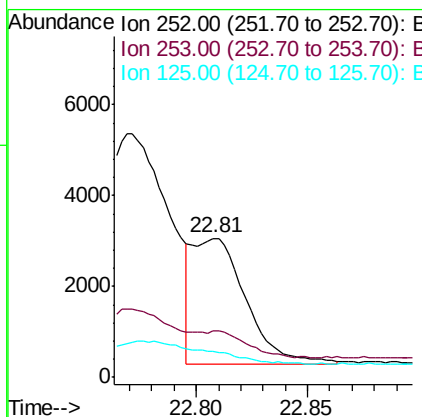
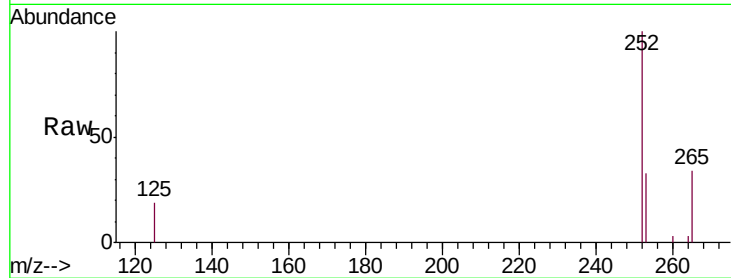
ClientSampleId :

BENW7DL

Tgt Ion:	252	Resp:	4658
Ion Ratio	Lower	Upper	
252	100		
253	33.2	27.0	40.4
125	18.9	12.2	18.2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:28 PM



#23

Benzo(a)pyrene

Concen: 0.707 ng/ul

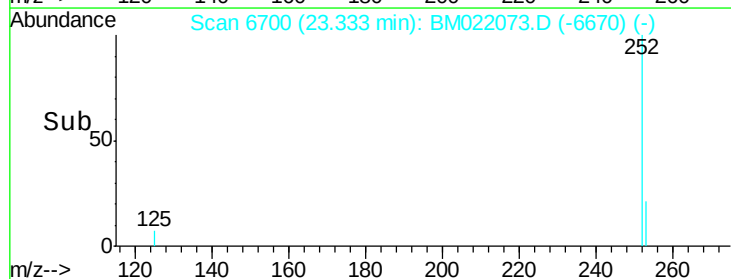
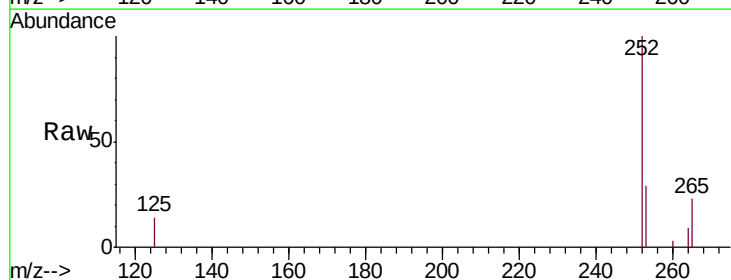
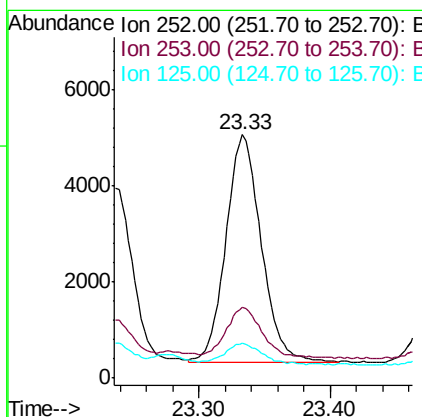
RT: 23.33 min Scan# 6700

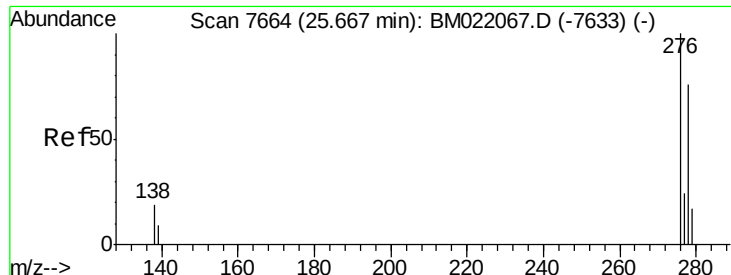
Delta R.T. -0.03 min

Lab File: BM022073.D

Acq: 13 Aug 2019 16:58

Tgt Ion:	252	Resp:	8853
Ion Ratio	Lower	Upper	
252	100		
253	28.9	31.7	47.5
125	14.3	14.6	21.8





#24

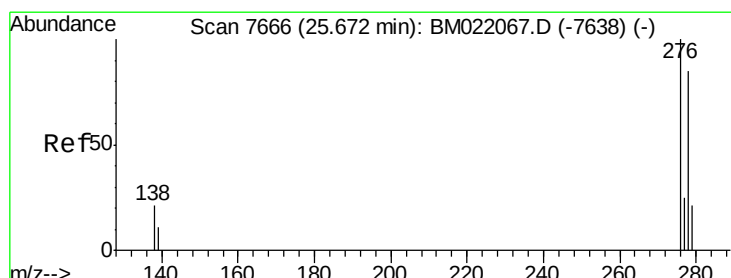
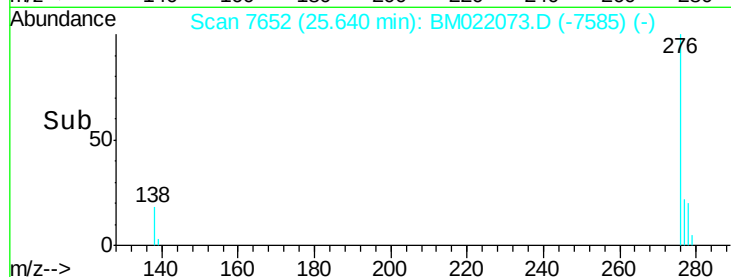
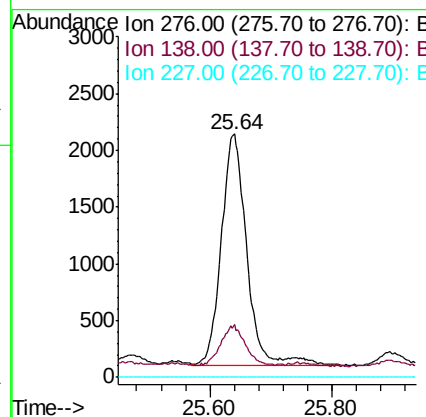
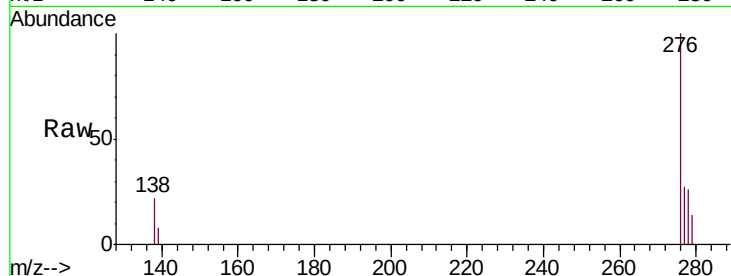
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022073.D
Acq: 13 Aug 2019 16:58

Instrument :
BNA_M
ClientSampleId :
BENW7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0

Manual Integrations
APPROVED

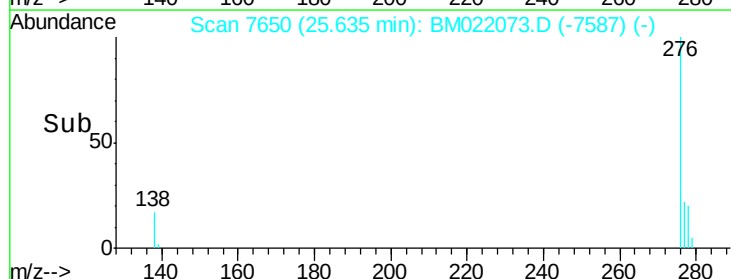
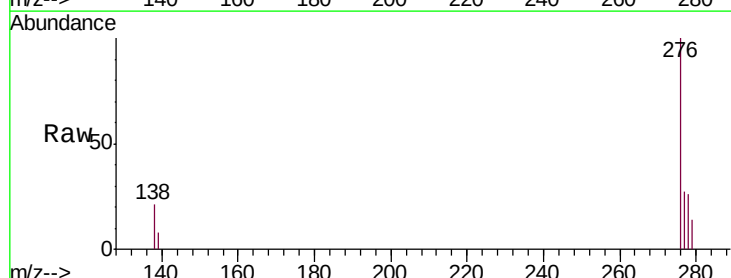
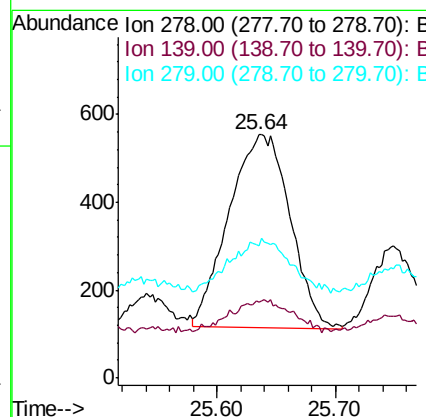
mohammad
8/15/2019 5:07:28 PM

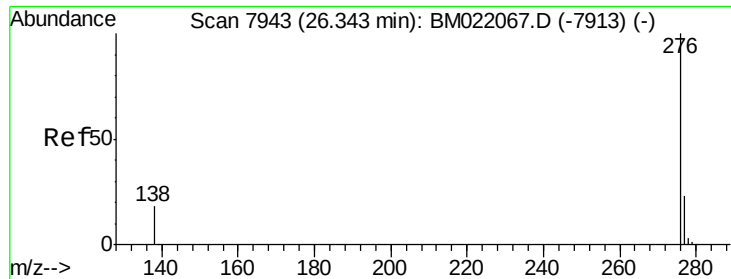


#25

Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.05 min
Lab File: BM022073.D
Acq: 13 Aug 2019 16:58

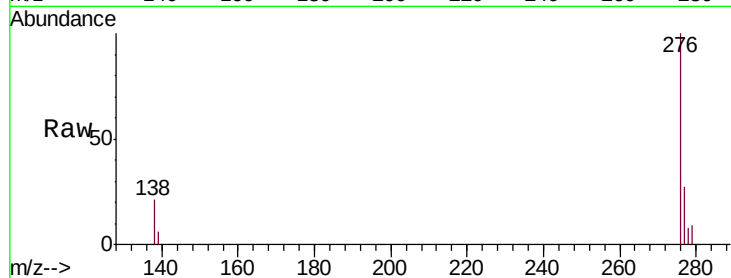
Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.2	14.2	21.2#
279	54.5	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.457 ng/ul
 RT: 26.32 min Scan# 7932
 Delta R.T. -0.04 min
 Lab File: BM022073.D
 Acq: 13 Aug 2019 16:58

Instrument :
 BNA_M
 ClientSampleId :
 BENW7DL



Tgt Ion:	276	Resp:	6148
Ion Ratio	Lower	Upper	
276	100		
138	21.2	15.5	23.3
277	27.4	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:07:28 PM

