

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021870.D
 Acq On : 06 Aug 2019 22:20
 Operator : HP/JU
 Sample : K3922-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MSD

Manual Integrations
 APPROVED

mohammad
 8/7/2019 12:12:17 PM

Quant Time: Aug 07 12:07:50 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 : Wed Aug 07 04:02:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	843	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3651	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4902	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	5068	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	6524	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	896	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2602	0.16	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	728	0.074	ng/ul#	81
8) Acenaphthene	14.35	153	2110	0.261	ng/ul	97
9) Fluorene	15.35	166	1347	0.150	ng/ul	97
12) Phenanthrene	17.08	178	62902	4.410	ng/ul	96
13) Anthracene	17.18	178	4522	0.372	ng/ul	100
15) Fluoranthene	19.10	202	197513	10.338	ng/ul	97
17) Pyrene	19.47	202	160856	7.724	ng/ul	100
18) Benzo(a)anthracene	21.22	228	66148	3.649	ng/ul	99
19) Chrysene	21.27	228	94312	4.045	ng/ul	100
21) Benzo(b)fluoranthene	22.79	252	123933m	5.633	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	47677m	1.915	ng/ul	
23) Benzo(a)pyrene	23.35	252	75153	3.359	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.66	276	63897	2.392	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	13702	0.635	ng/ul	92
26) Benzo(g,h,i)perylene	26.34	276	61333	2.550	ng/ul	95

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

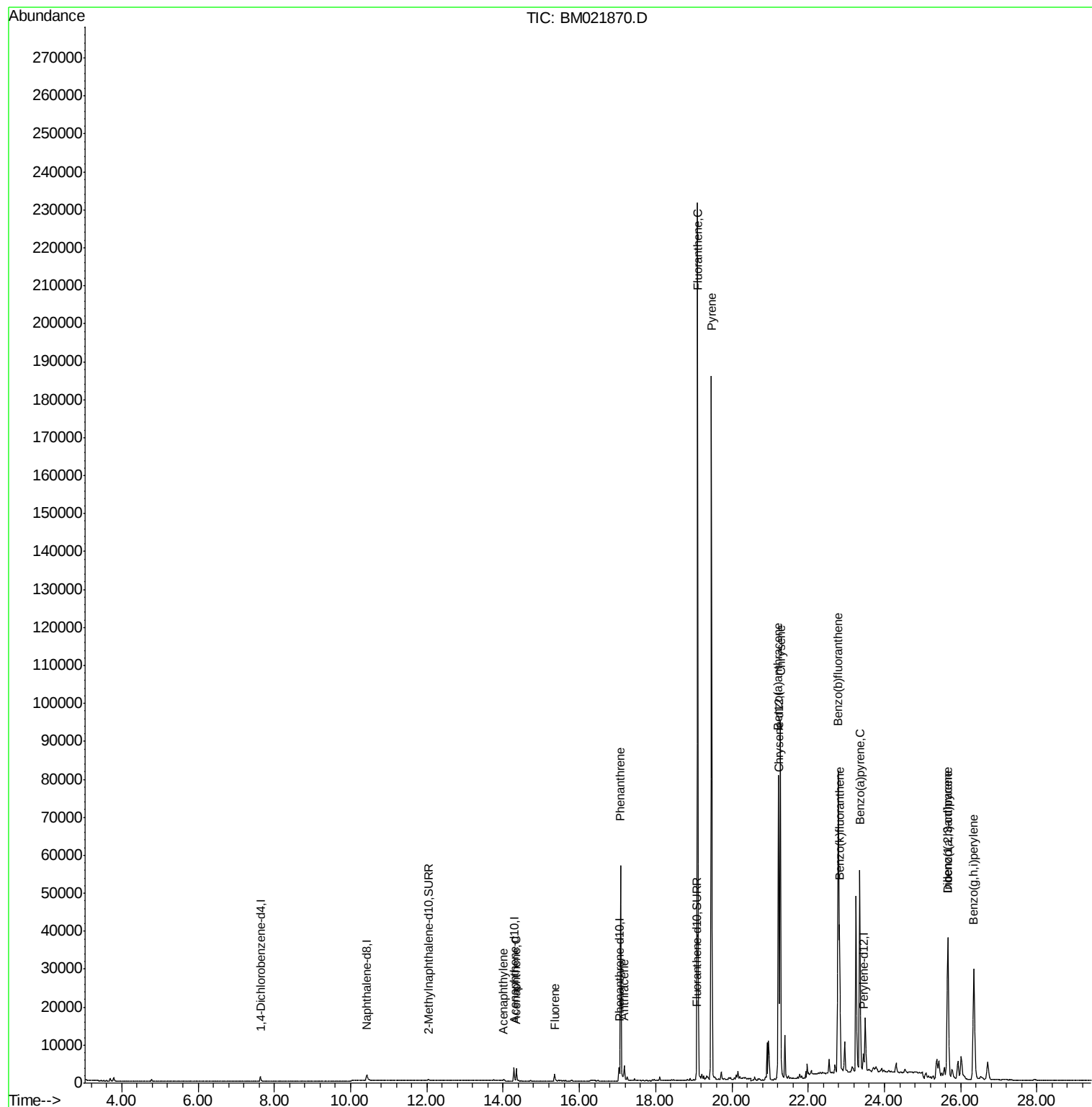
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021870.D
Acq On : 06 Aug 2019 22:20
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

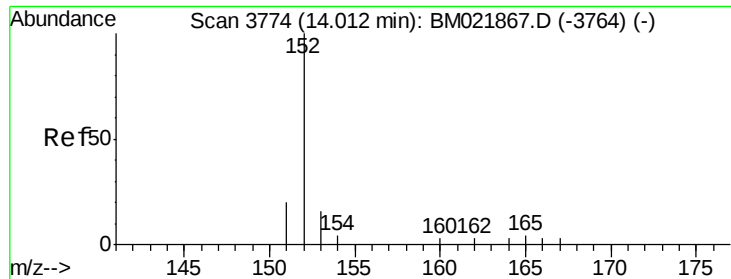
Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM

Quant Time: Aug 07 12:07:50 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Instrument :

BNA_M

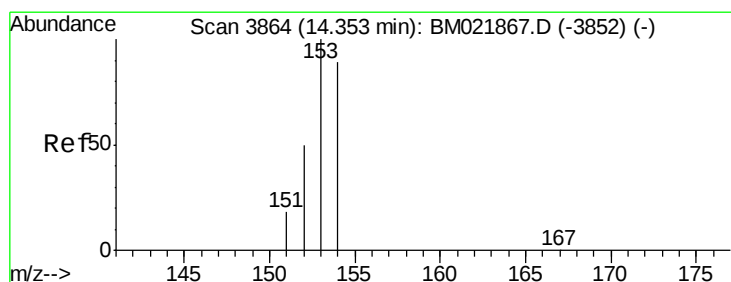
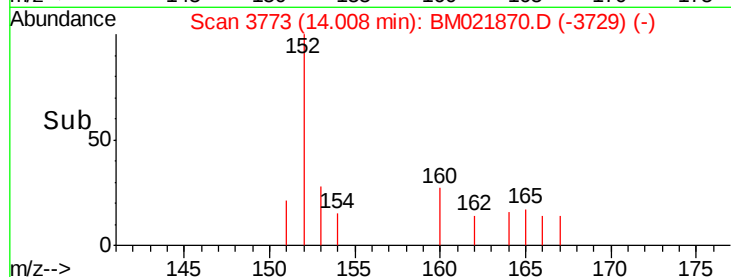
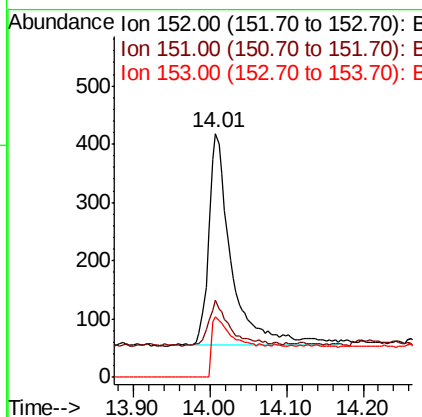
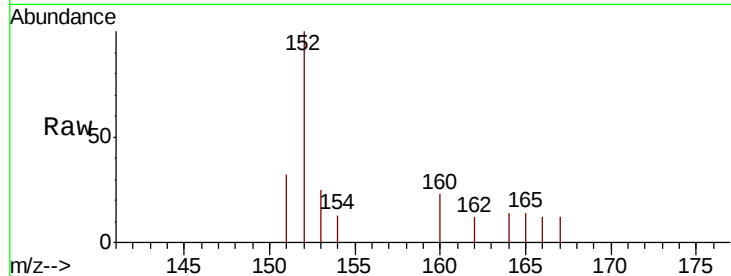
ClientSampleId :

A52F0MSD

Tot Ion:	152	Resp:	728
Ion Ratio	Lower	Upper	
152	100		
151	31.8	18.3	27.5#
153	24.6	12.8	19.2#

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM



#8

Acenaphthene

Concen: 0.261 ng/ul

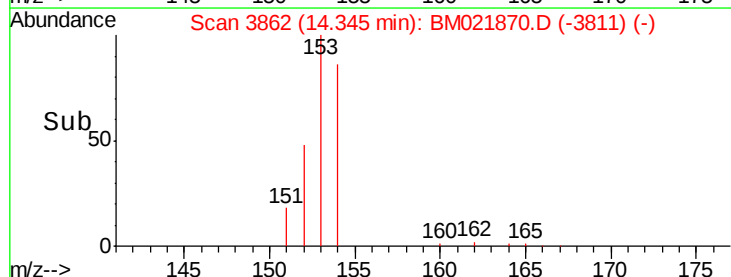
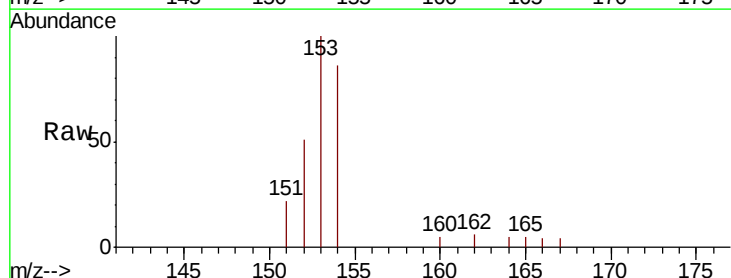
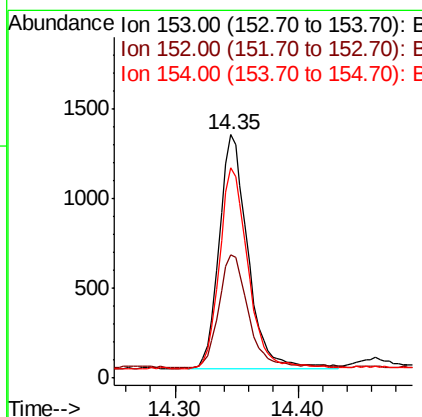
RT: 14.35 min Scan# 3862

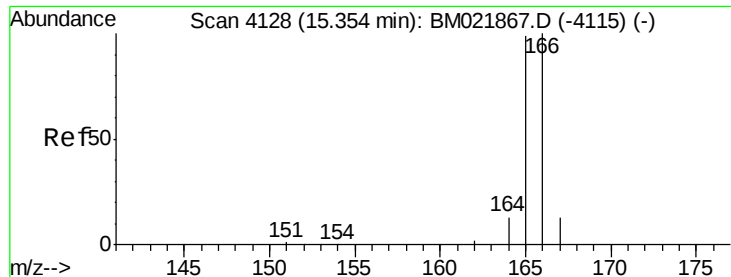
Delta R.T. -0.01 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Tgt Ion:	153	Resp:	2110
Ion Ratio	Lower	Upper	
153	100		
152	50.6	41.3	61.9
154	86.3	72.3	108.5





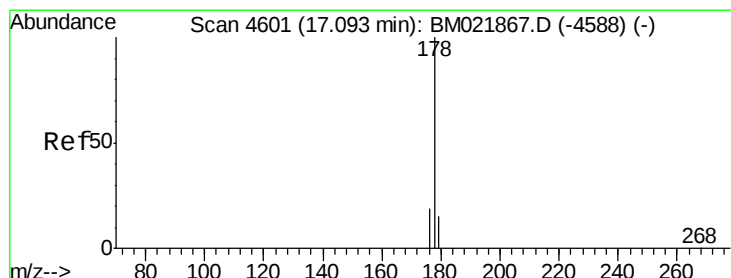
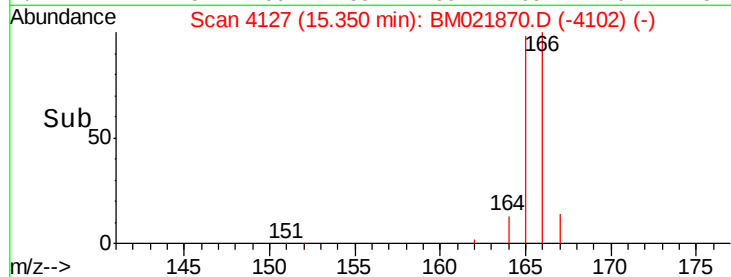
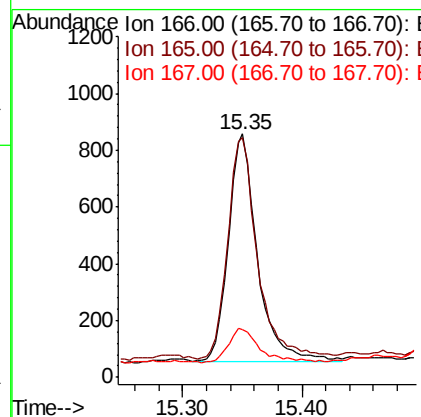
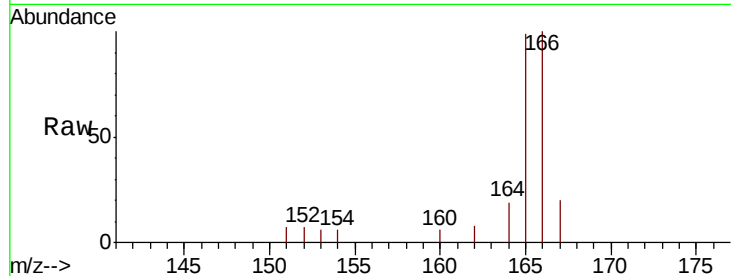
#9
Fluorene
 Concen: 0.150 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BM021870.D
 Acq: 06 Aug 2019 22:20

Instrument :
 BNA_M
 ClientSampleId :
 A52F0MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	81.4	122.0
167	19.6	13.7	20.5

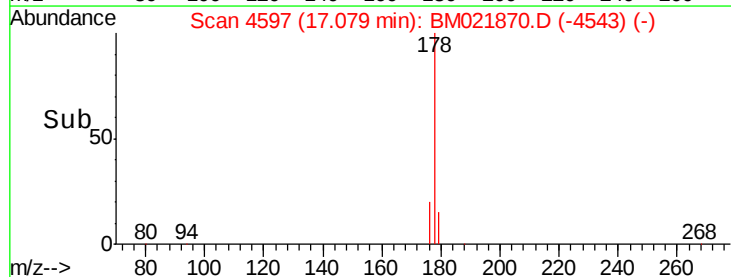
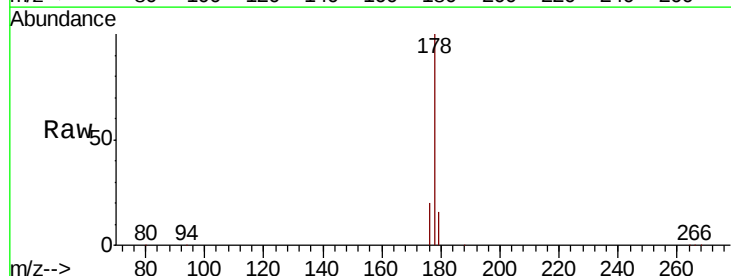
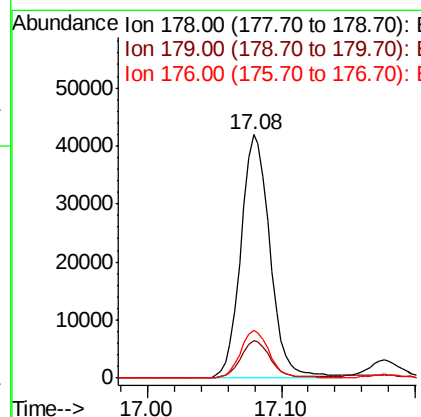
Manual Integrations
 APPROVED

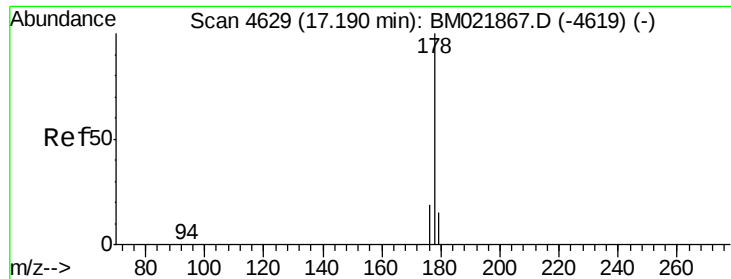
mohammad
 8/7/2019 12:12:17 PM



#12
Phenanthrene
 Concen: 4.410 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.01 min
 Lab File: BM021870.D
 Acq: 06 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.2	21.2
176	19.8	16.8	25.2





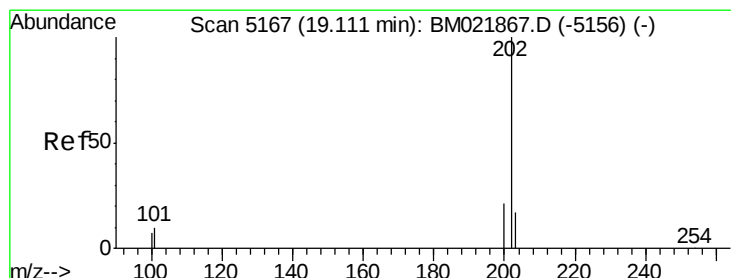
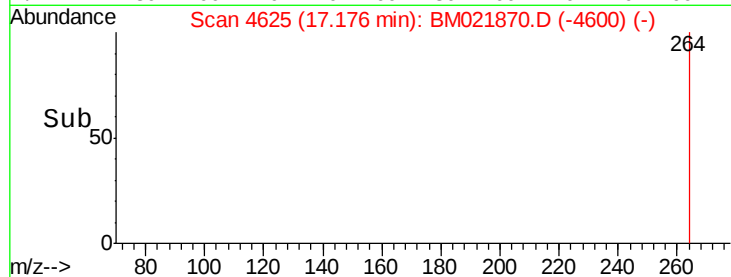
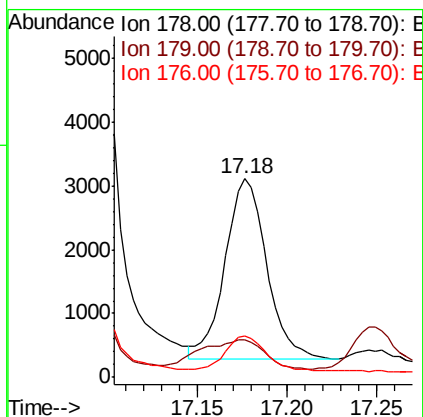
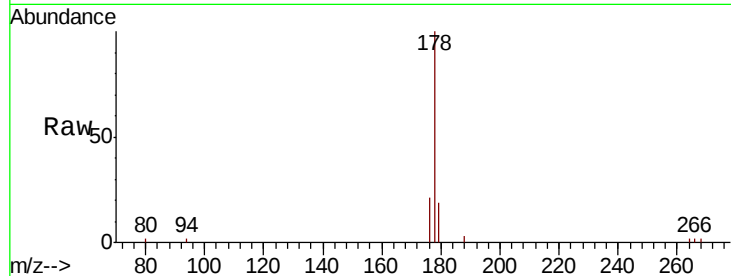
#13
 Anthracene
 Concen: 0.372 ng/ul
 RT: 17.18 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: BM021870.D
 Acq: 06 Aug 2019 22:20

Instrument :
 BNA_M
 ClientSampled :
 A52F0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	15.5	23.3
176	21.0	16.6	25.0

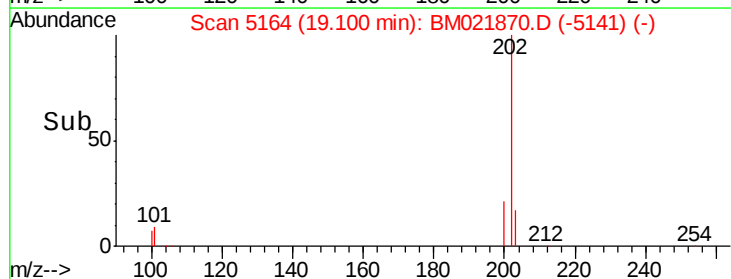
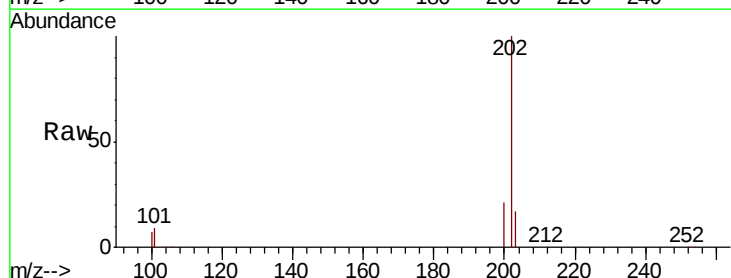
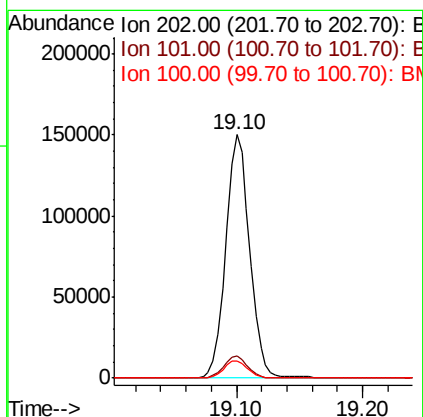
Manual Integrations
 APPROVED

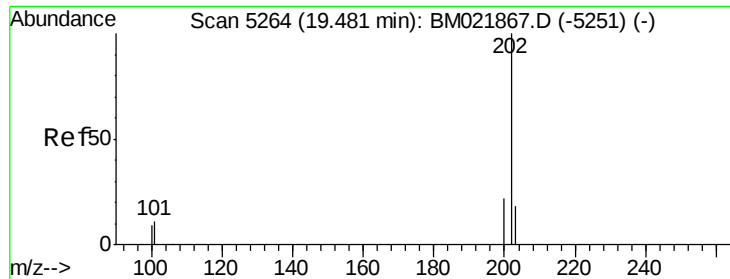
mohammad
 8/7/2019 12:12:17 PM



#15
 Fluoranthene
 Concen: 10.338 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM021870.D
 Acq: 06 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
100	7.0	0.0	28.1





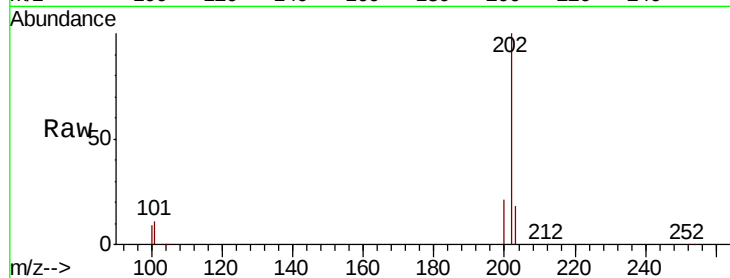
#17
Pvrene
Concen: 7.724 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021870.D
Acq: 06 Aug 2019 22:20

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	8.3	12.5
100	8.8	7.2	10.8

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM

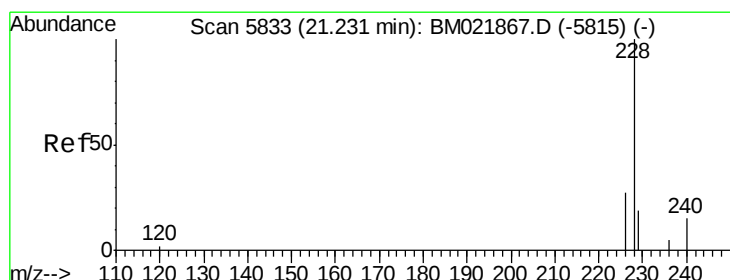
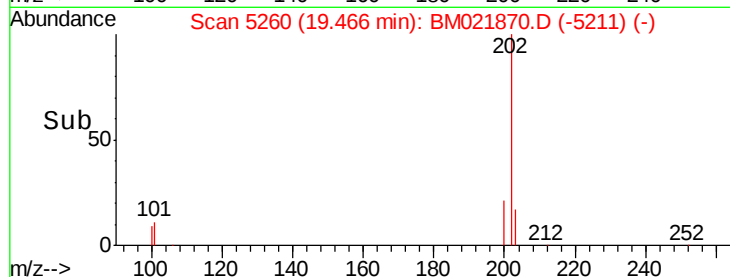
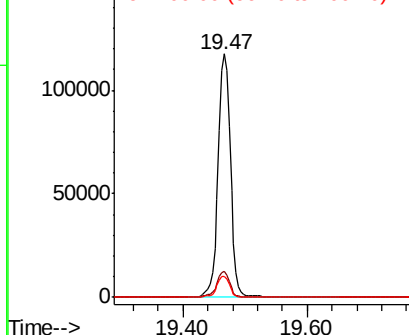


Abundance

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



#18
Benzo(a)anthracene
Concen: 3.649 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021870.D
Acq: 06 Aug 2019 22:20

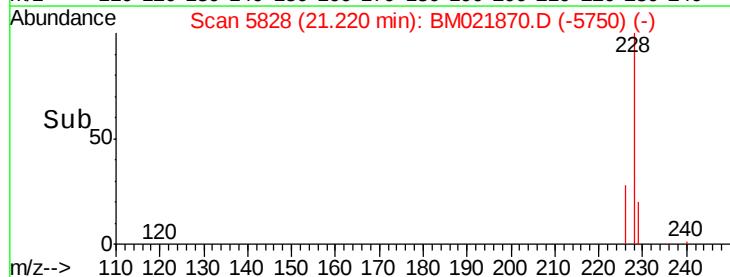
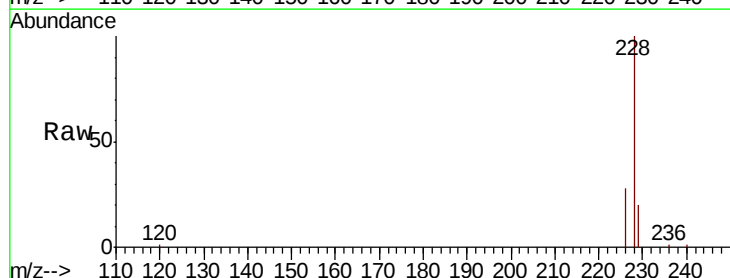
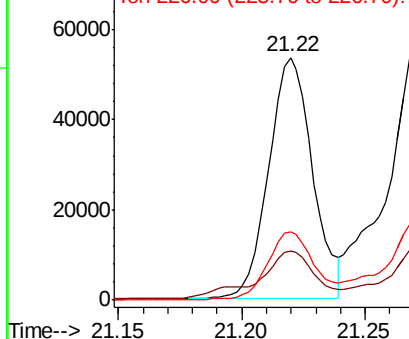
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	17.2	25.8
226	28.2	22.6	34.0

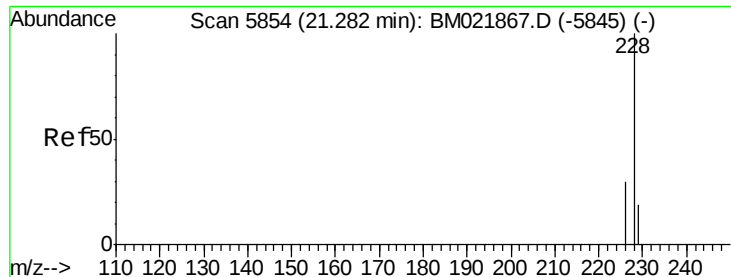
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 4.045 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Instrument :

BNA_M

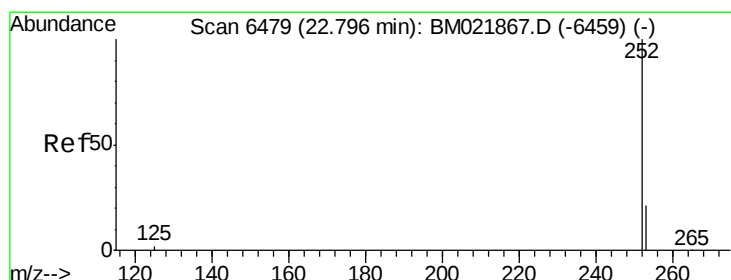
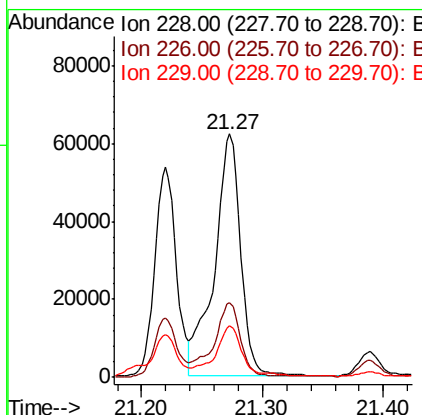
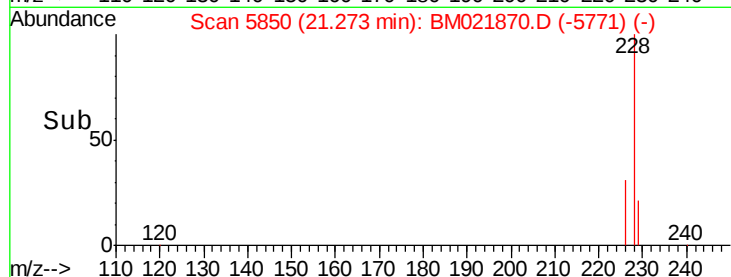
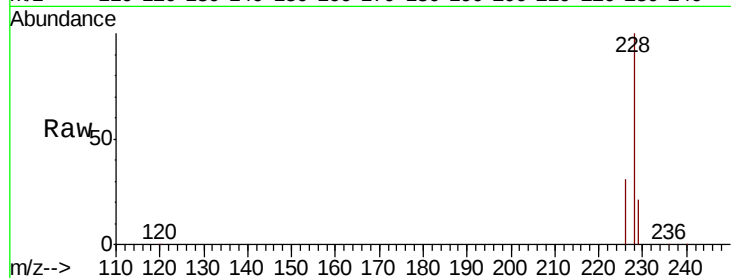
ClientSampleId :

A52F0MSD

Tot Ion:	228	Resp:	94312
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	21.1	16.6	25.0

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM



#21

Benzo(b)fluoranthene

Concen: 5.633 ng/ul m

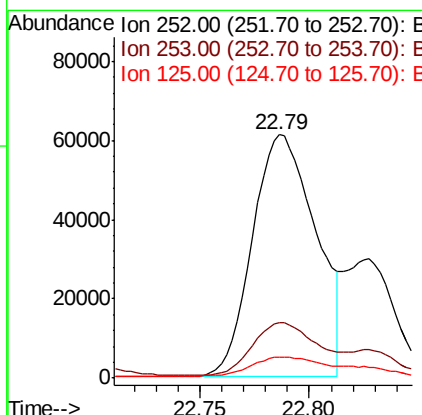
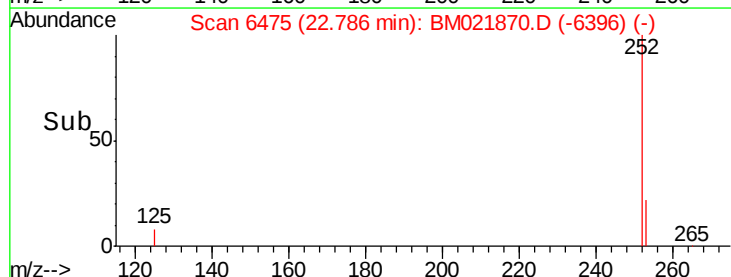
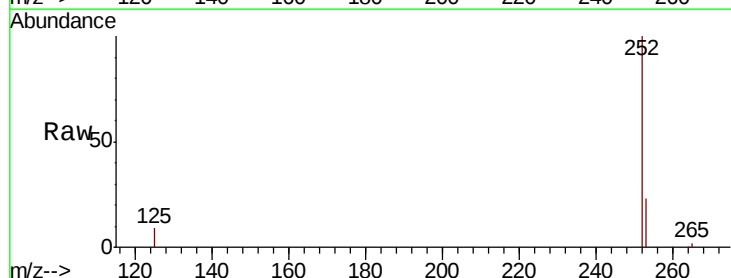
RT: 22.79 min Scan# 6475

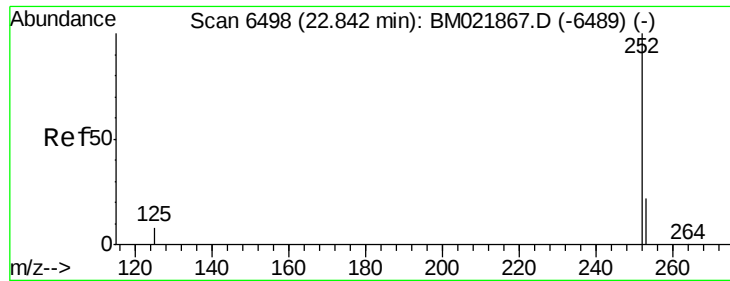
Delta R.T. -0.01 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Tgt Ion:	252	Resp:	123933
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	67.4
125	8.6	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.915 ng/ul m

RT: 22.83 min Scan# 6492

Delta R.T. -0.01 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Instrument :

BNA_M

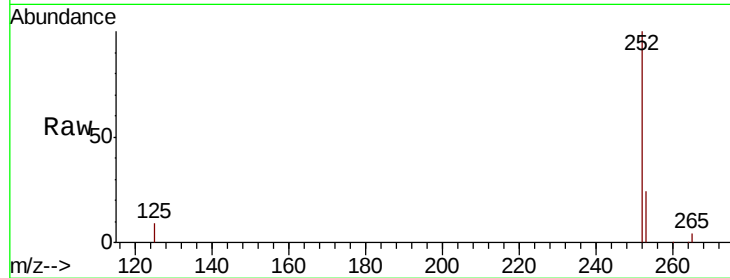
ClientSampleId :

A52F0MSD

Tot Ion:	252	Resp:	47677
Ion Ratio	Lower	Upper	
252	100		
253	23.9	27.0	40.4#
125	9.4	12.2	18.2#

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM

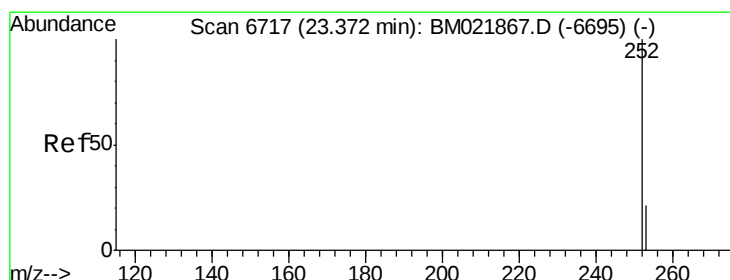
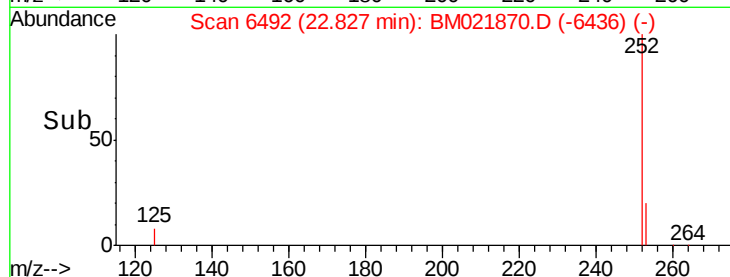
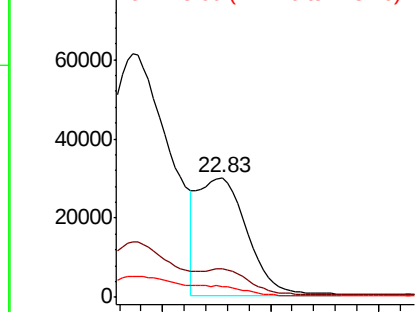


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 3.359 ng/ul

RT: 23.35 min Scan# 6709

Delta R.T. -0.02 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

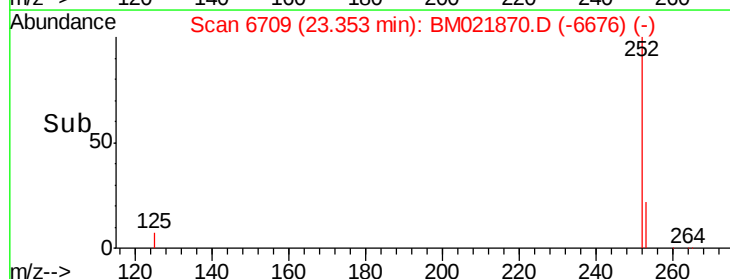
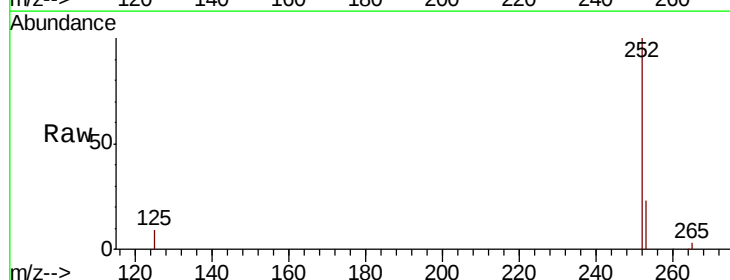
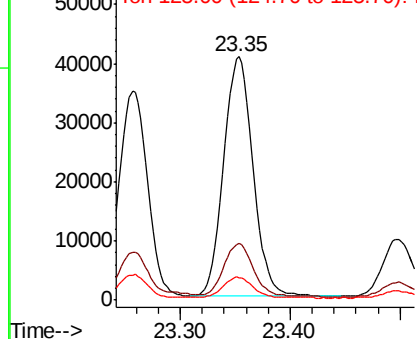
Tgt Ion:	252	Resp:	75153
Ion Ratio	Lower	Upper	
252	100		
253	23.1	31.7	47.5#
125	9.4	14.6	21.8#

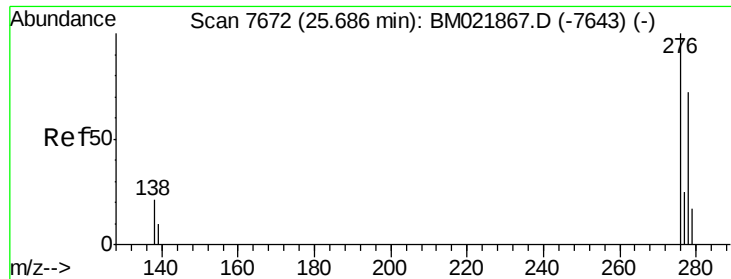
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





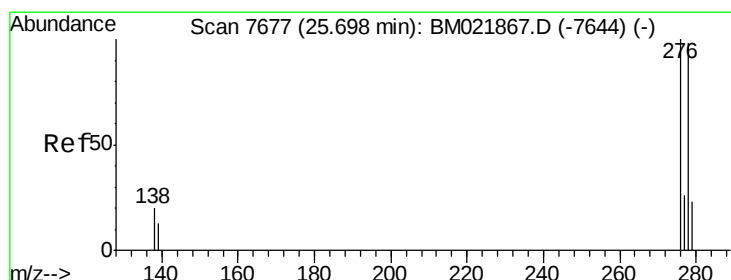
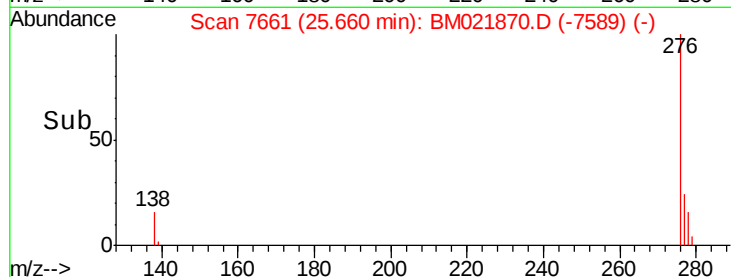
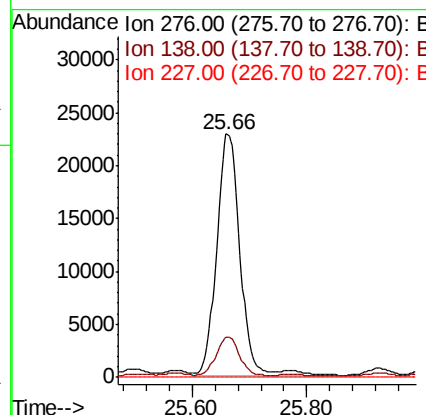
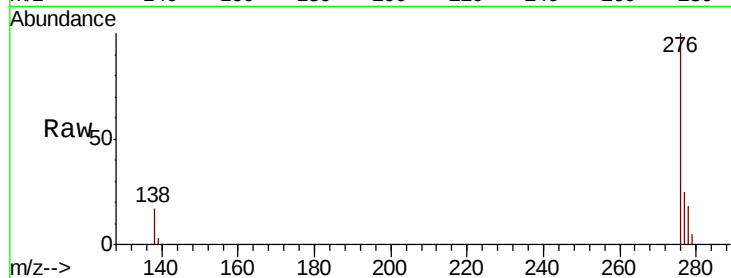
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.392 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.03 min
Lab File: BM021870.D
Acq: 06 Aug 2019 22:20

Instrument :
BNA_M
ClientSampleId :
A52F0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.1	22.7
227	0.0	0.0	0.0

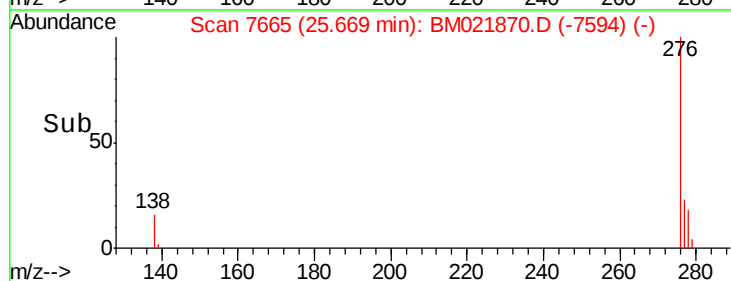
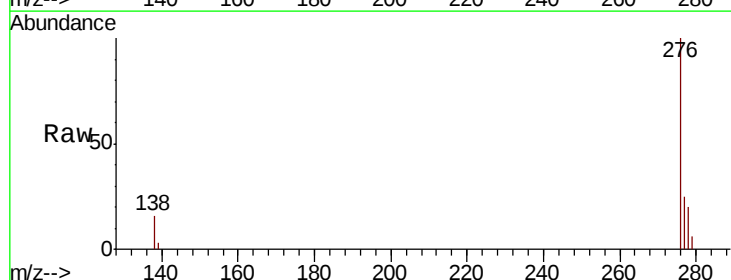
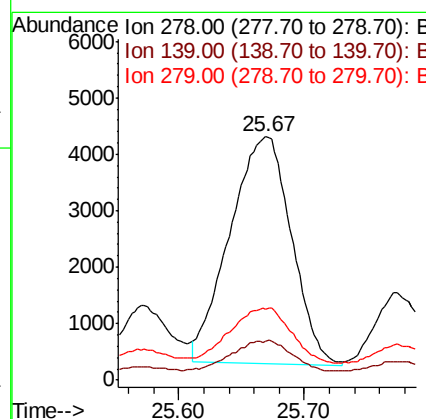
Manual Integrations
APPROVED

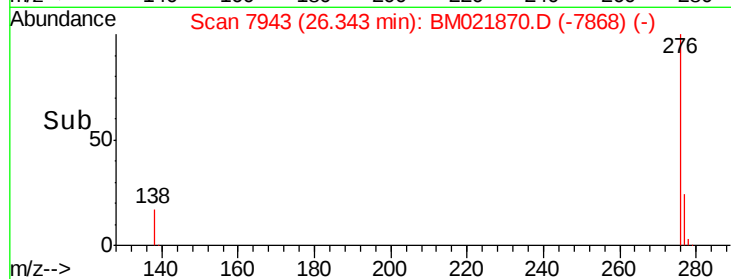
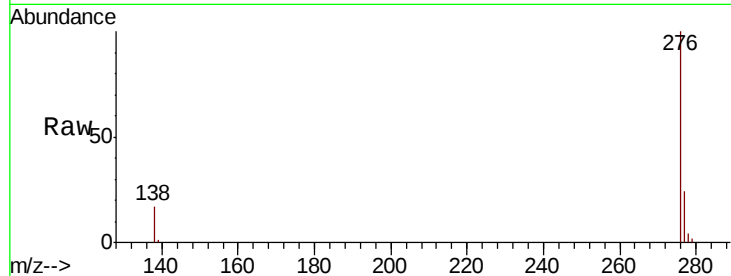
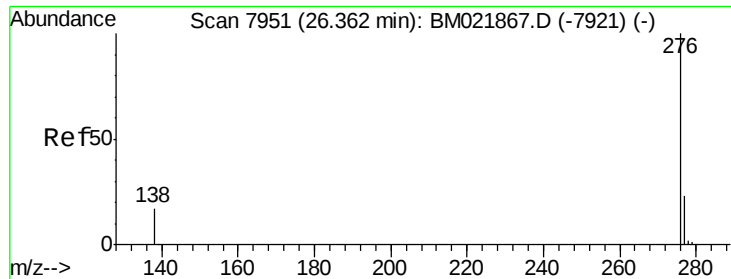
mohammad
8/7/2019 12:12:17 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.635 ng/ul
RT: 25.67 min Scan# 7665
Delta R.T. -0.03 min
Lab File: BM021870.D
Acq: 06 Aug 2019 22:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.2	21.2
279	29.3	28.3	42.5





#26

Benzo(a,h,i)perylene

Concen: 2.550 ng/ul

RT: 26.34 min Scan# 7943

Delta R.T. -0.02 min

Lab File: BM021870.D

Acq: 06 Aug 2019 22:20

Instrument :

BNA_M

ClientSampleId :

A52F0MSD

Tot Ion:	276	Resp:	61333
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.5	23.3
277	24.4	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:17 PM

