

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027105.D
 Acq On : 15 Aug 2020 02:22
 Operator : JU/CG
 Sample : L3631-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMN2

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:19:12 AM

Quant Time: Aug 17 03:16:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	172911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	601744	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	398399	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	826960	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	867675	20.00	ng/ul	-0.01
86) Perylene-d12	23.40	264	875140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8502	2.23	ng/uL	0.00
5) Phenol-d5	6.82	99	180648	13.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	127466	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	143858	13.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	142951	13.64	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	70044	14.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	74725	15.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	149411	14.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	169651	14.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	497720	15.67	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	555877	14.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	53545	9.98	ng/ul	0.00
58) Fluorene-d10	15.27	176	406311	14.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	39650	8.78	ng/ul	0.00
71) Anthracene-d10	17.11	188	601160	14.76	ng/ul	0.00
79) Pyrene-d10	19.41	212	674275	15.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	724331	14.83	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	24253	1.711 ng/ul	90
45) Dimethylphthalate	13.73	163	97196	2.919 ng/ul	99
48) Acenaphthylene	13.99	152	44992	1.169 ng/ul#	97
70) Phenanthrene	17.06	178	423875	8.550 ng/ul	99
72) Anthracene	17.14	178	100864	1.999 ng/ul	96
77) Fluoranthene	19.07	202	792585	13.184 ng/ul	100
80) Pyrene	19.44	202	719927	12.224 ng/ul	99
83) Benzo(a)anthracene	21.19	228	432158	7.398 ng/ul	94
85) Chrysene	21.24	228	422331	7.366 ng/ul	98
88) Benzo(b)fluoranthene	22.75	252	555480	9.141 ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	208183m	3.457 ng/ul	
91) Benzo(a)pyrene	23.30	252	400494	7.242 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	273331	3.836 ng/ul	98
93) Dibenzo(a,h)anthracene	25.60	278	83134	1.377 ng/ul#	90
94) Benzo(g,h,i)perylene	26.26	276	223963	3.805 ng/ul	97

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

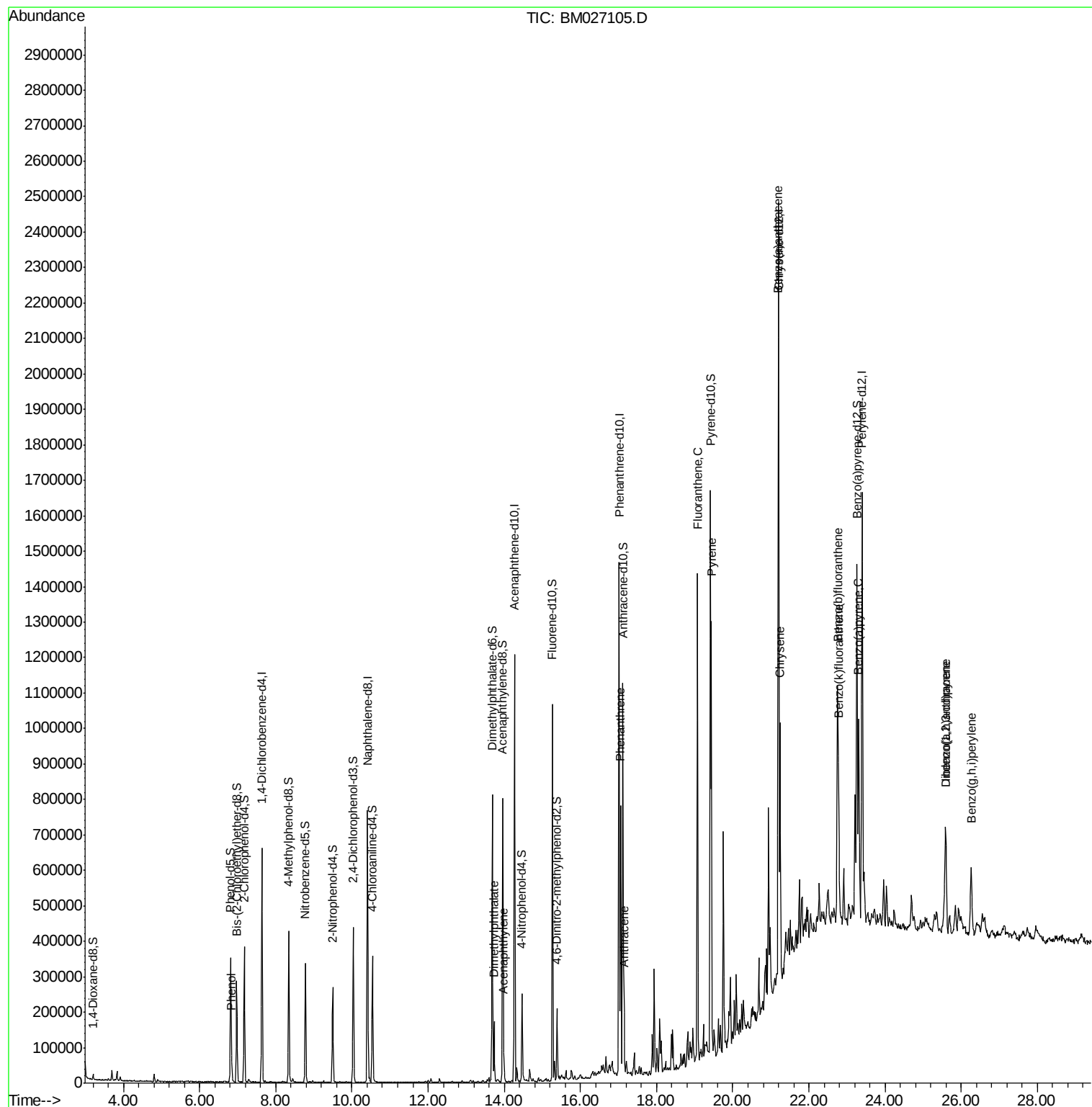
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027105.D
Acq On : 15 Aug 2020 02:22
Operator : JU/CG
Sample : L3631-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

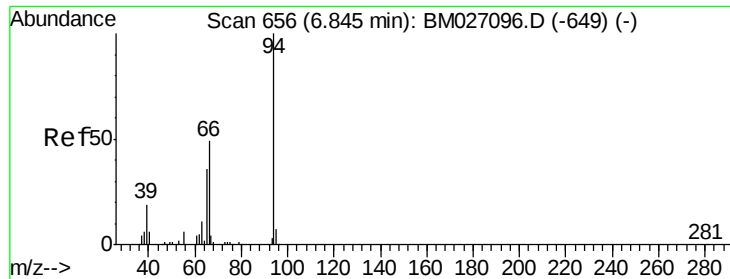
Instrument :
BNA_M
ClientSampleId :
BFMN2

Quant Time: Aug 17 03:16:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:12 AM





#6

Phenol

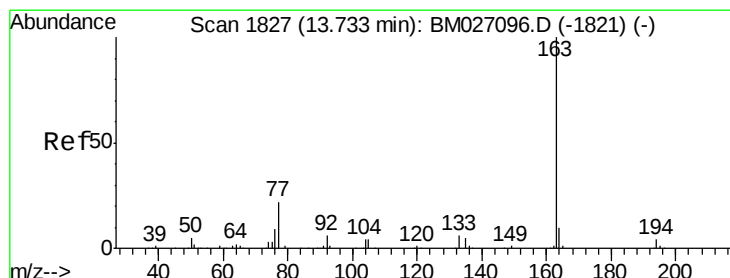
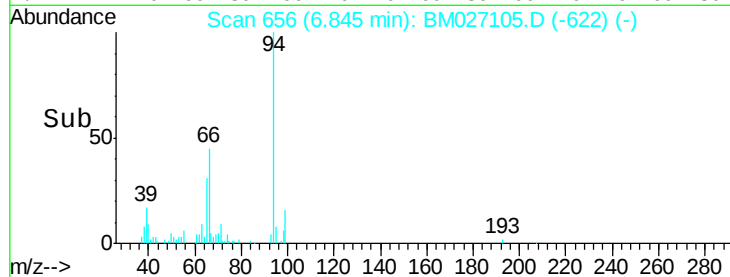
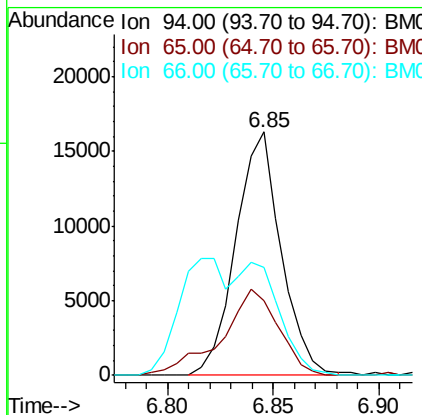
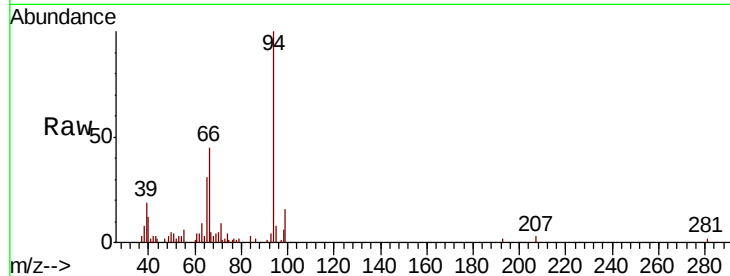
Concen: 1.711 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM027105.D
 Acq: 15 Aug 2020 02:22

Instrument :
 BNA_M
 ClientSampled :
 BFMN2

Tot Ion:	94	Resp:	24253
Ion	Ratio	Lower	Upper
94	100		
65	30.7	28.6	43.0
66	44.5	41.3	61.9

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:19:12 AM

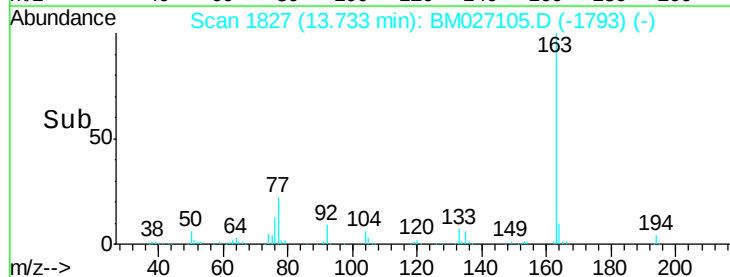
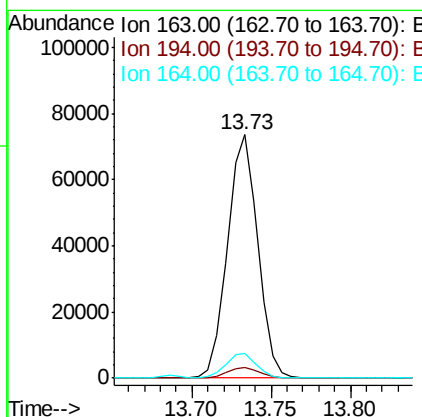
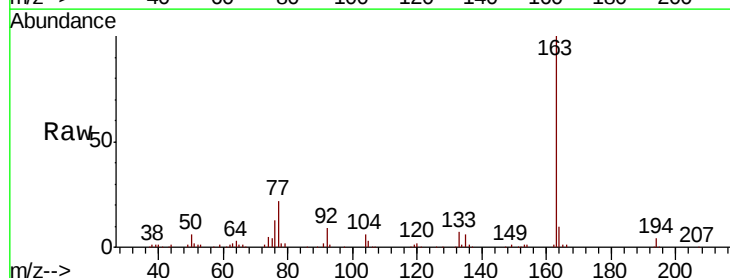


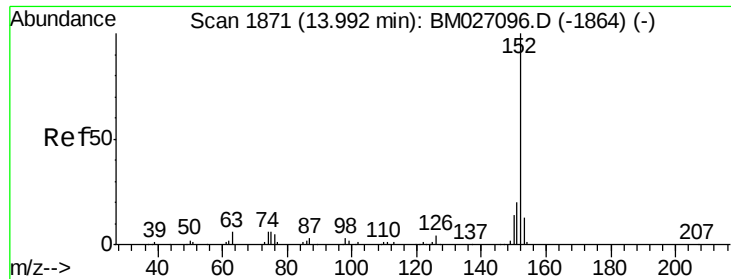
#45

Dimethylphthalate

Concen: 2.919 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM027105.D
 Acq: 15 Aug 2020 02:22

Tgt Ion:	163	Resp:	97196
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.9	8.2	12.2





#48

Acenaphthylene

Concen: 1.169 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Instrument :

BNA_M

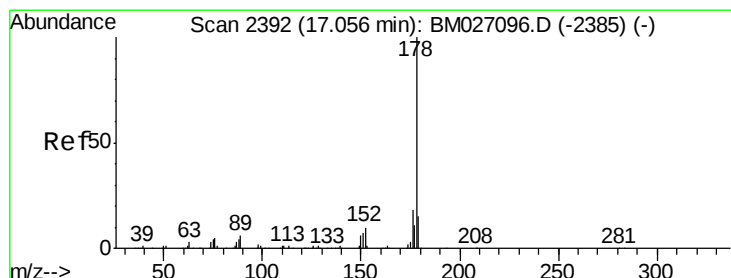
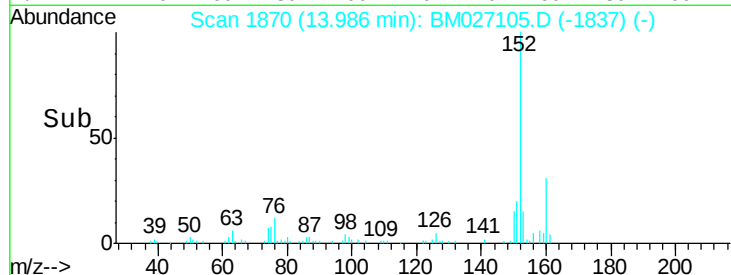
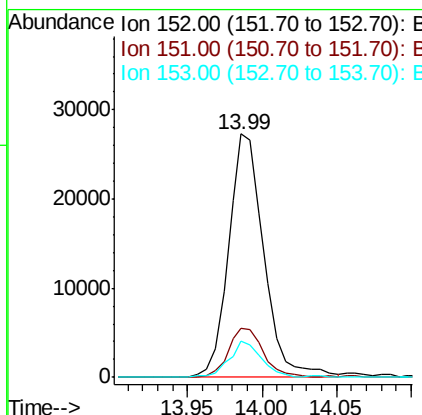
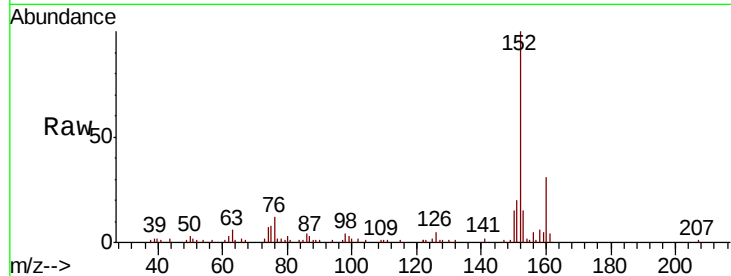
ClientSampleId :

BFMN2

Tot Ion:	152	Resp:	44992
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	14.9	9.8	14.8#

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:12 AM



#70

Phenanthrene

Concen: 8.550 ng/ul

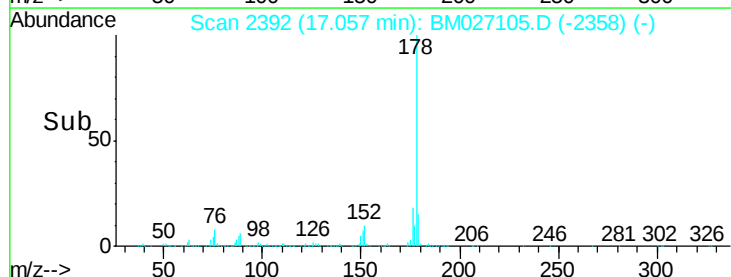
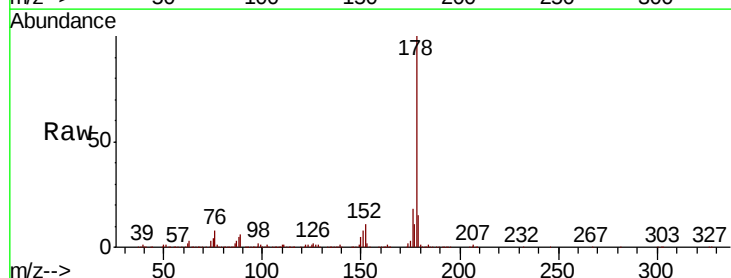
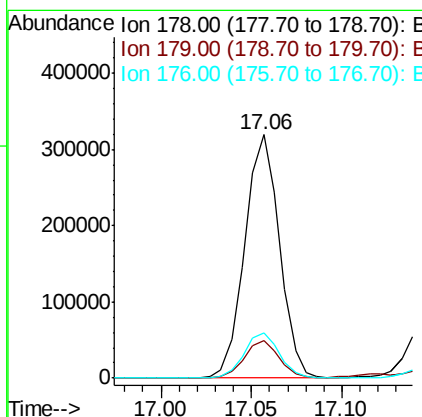
RT: 17.06 min Scan# 2392

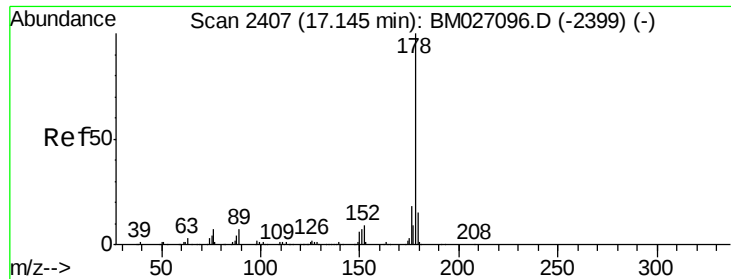
Delta R.T. -0.00 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Tgt Ion:	178	Resp:	423875
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.9	17.9
176	18.4	14.6	22.0





#72

Anthracene

Concen: 1.999 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Instrument :

BNA_M

ClientSampleId :

BFMN2

Tot Ion:178 Resp: 100864

Ion Ratio Lower Upper

178 100

179 16.4 12.0 18.0

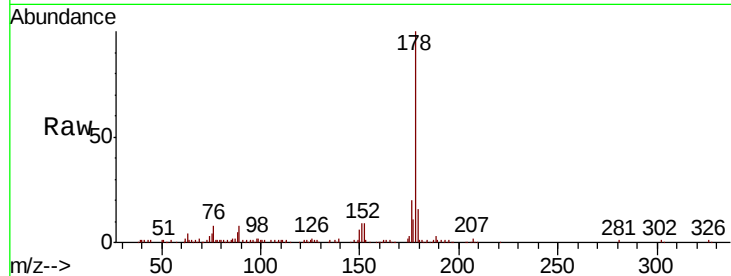
176 19.5 14.3 21.5

Manual Integrations

APPROVED

mohammad

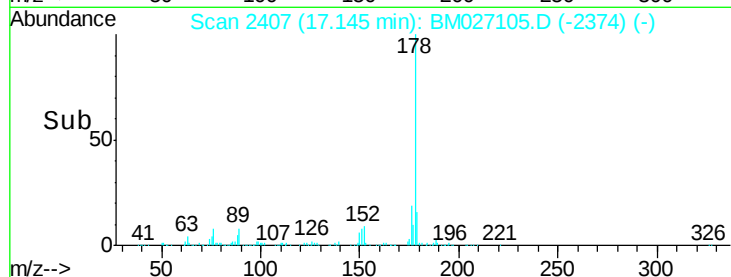
8/19/2020 8:19:12 AM



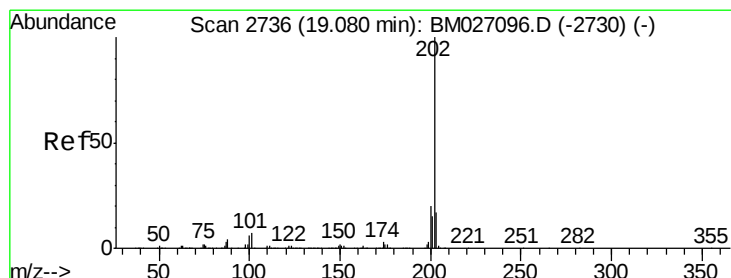
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 13.184 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

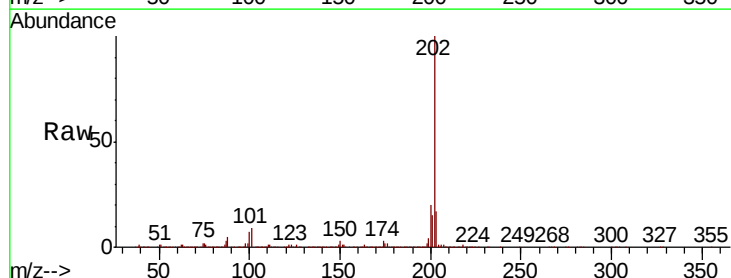
Tgt Ion:202 Resp: 792585

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

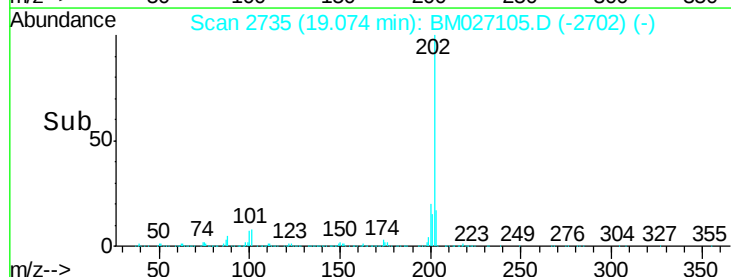
100 6.8 5.4 8.2



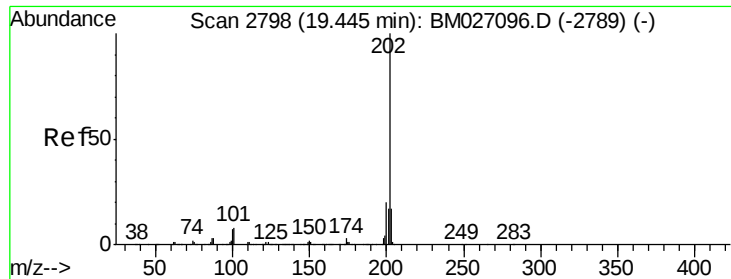
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



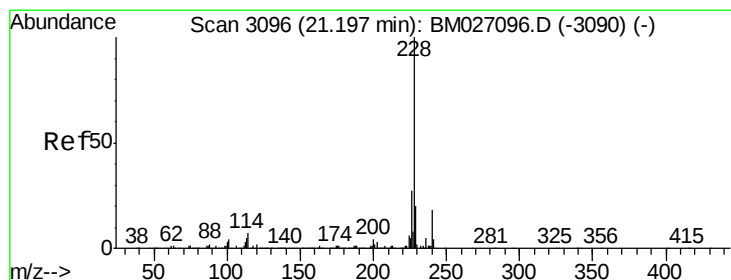
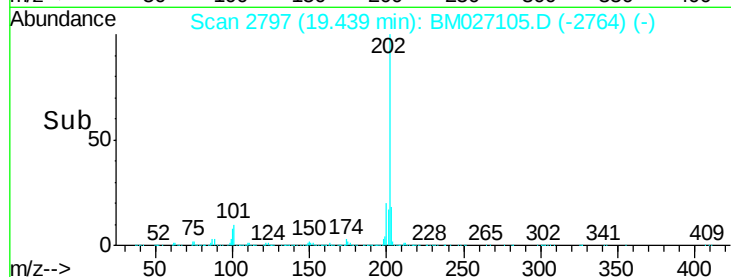
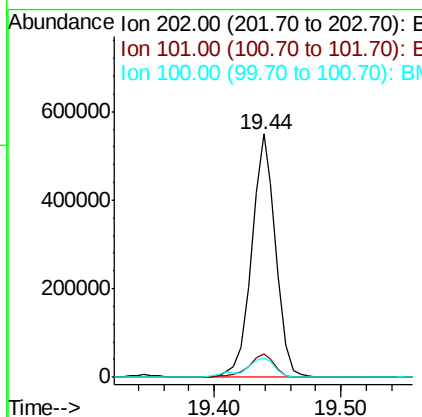
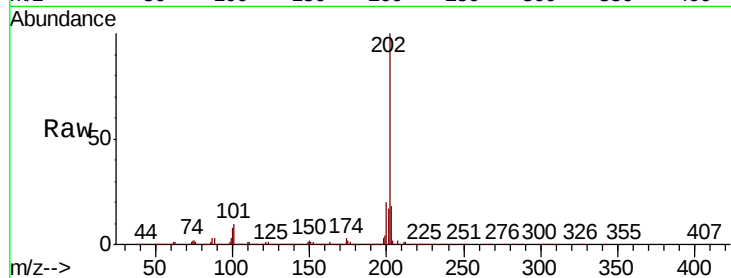
#80
Pvrene
Concen: 12.224 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Instrument :
BNA_M
ClientSampleId :
BFMN2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	719927		
101	9.9		7.6	11.4
100	8.2		6.3	9.5

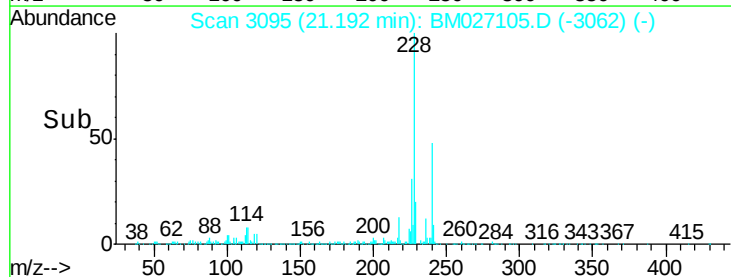
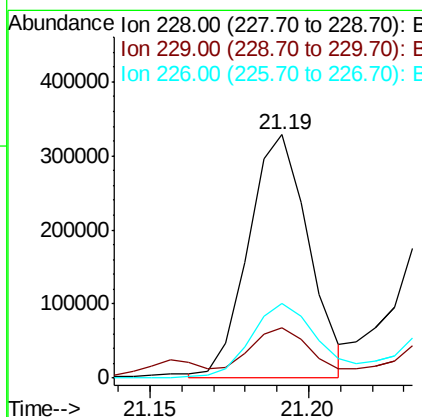
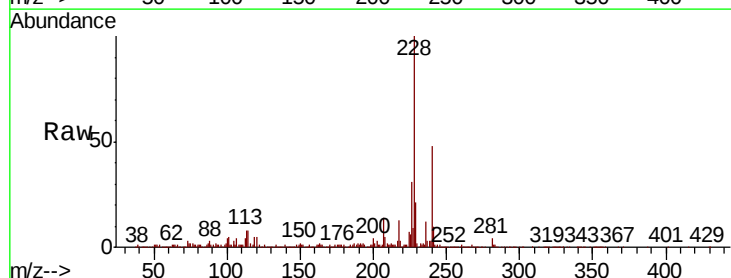
Manual Integrations
APPROVED

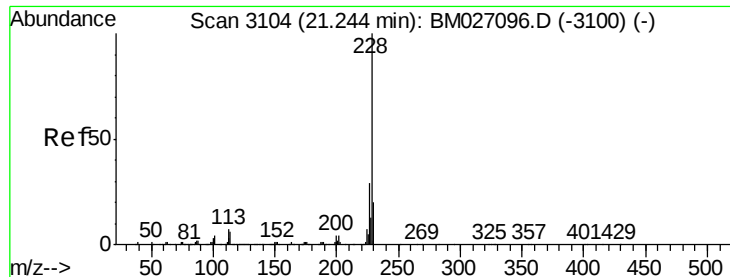
mohammad
8/19/2020 8:19:12 AM



#83
Benzo(a)anthracene
Concen: 7.398 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	432158		
229	20.5		15.8	23.6
226	30.9		21.2	31.8





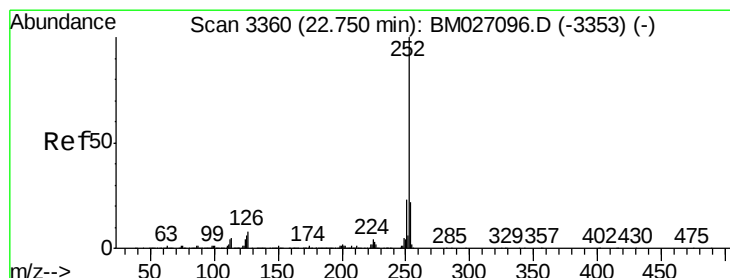
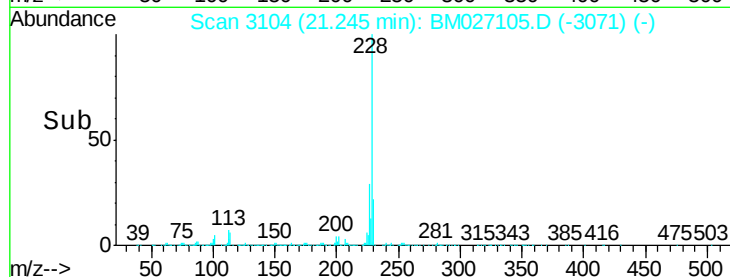
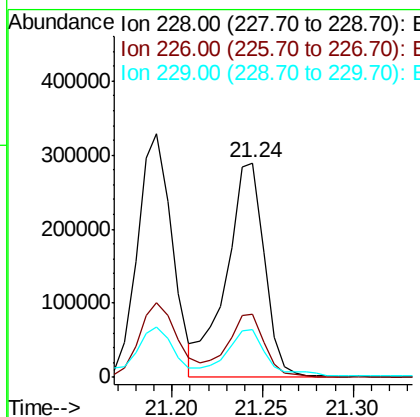
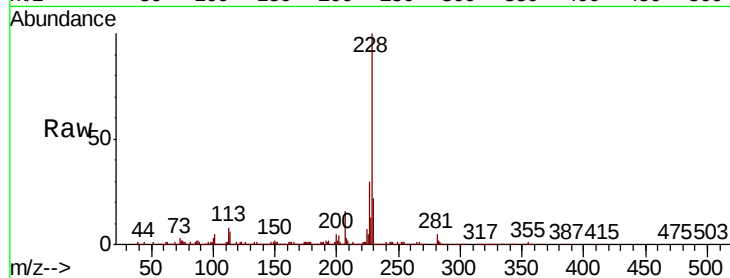
#85
 Chrysene
 Concen: 7.366 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM027105.D
 Acq: 15 Aug 2020 02:22

Instrument :
 BNA_M
 ClientSampleId :
 BFMN2

Tot Ion:	228	Resp:	422331
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.6
229	22.1	15.8	23.8

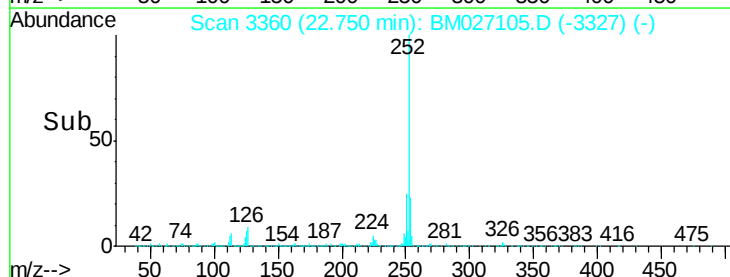
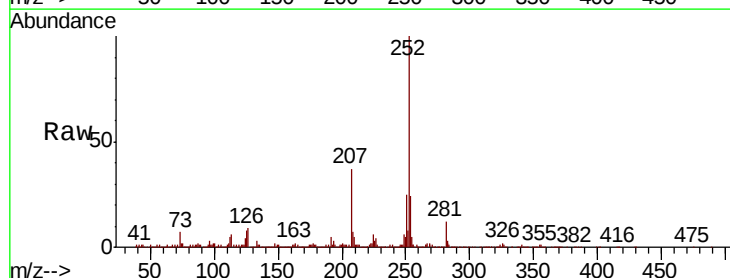
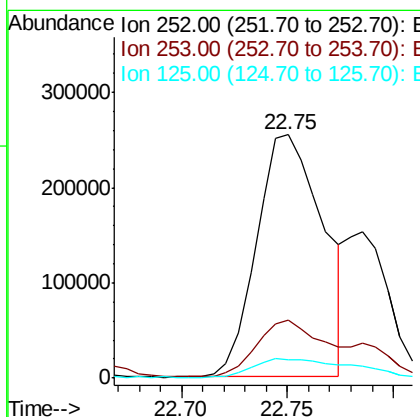
Manual Integrations
 APPROVED

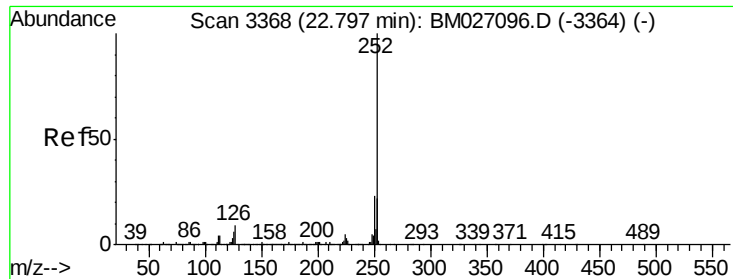
mohammad
 8/19/2020 8:19:12 AM



#88
 Benzo(b)fluoranthene
 Concen: 9.141 ng/ul
 RT: 22.75 min Scan# 3360
 Delta R.T. -0.01 min
 Lab File: BM027105.D
 Acq: 15 Aug 2020 02:22

Tgt Ion:	252	Resp:	555480
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	7.8	6.0	9.0





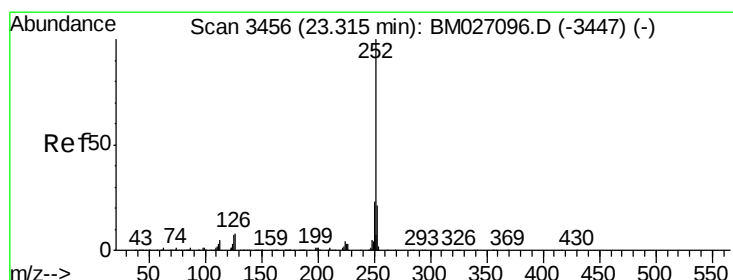
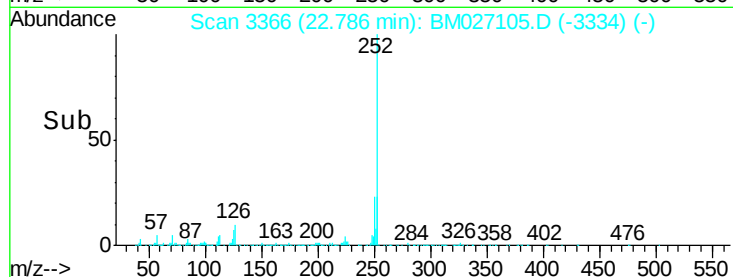
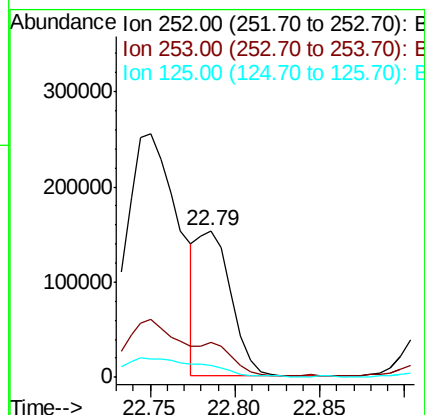
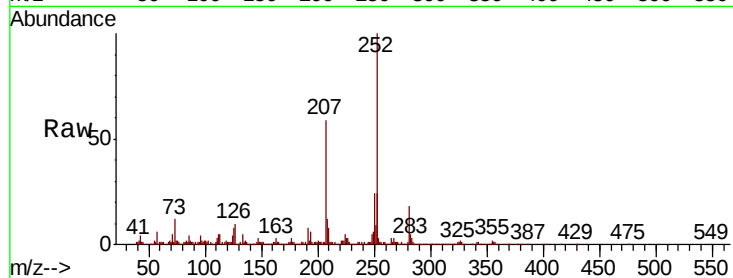
#89
Benzo(k)fluoranthene
Concen: 3.457 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Instrument :
BNA_M
ClientSampleId :
BFMN2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	7.7	5.5	8.3

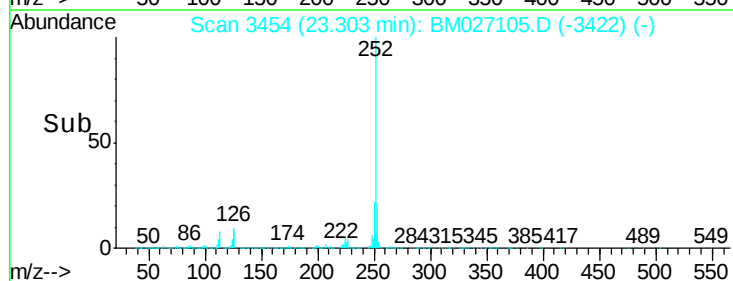
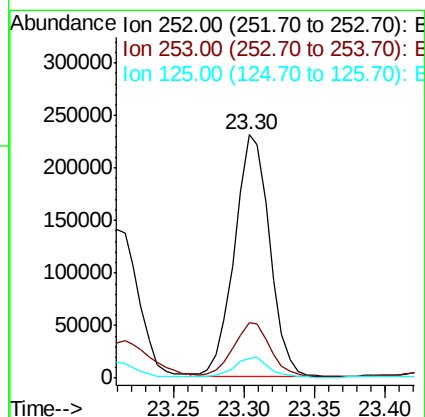
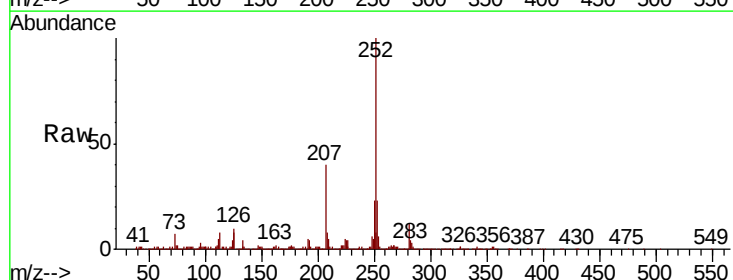
Manual Integrations
APPROVED

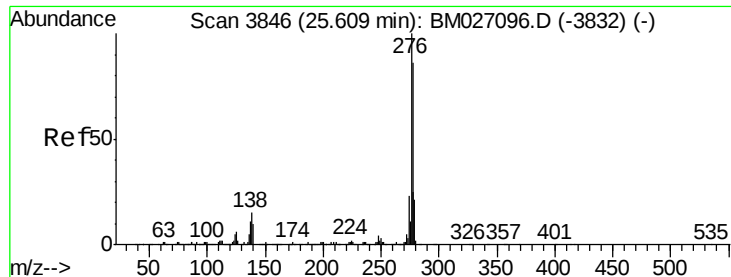
mohammad
8/19/2020 8:19:12 AM



#91
Benzo(a)pyrene
Concen: 7.242 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	8.3	5.8	8.8





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.836 ng/ul

RT: 25.59 min Scan# 3842

Delta R.T. -0.02 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Instrument :

BNA_M

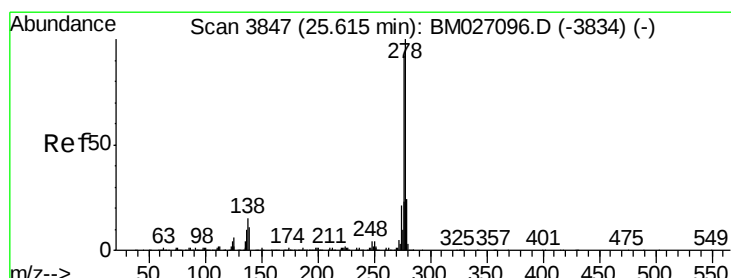
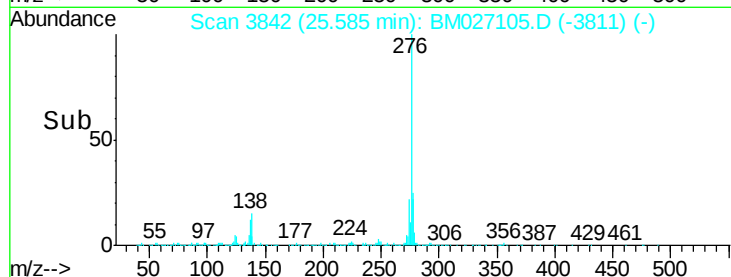
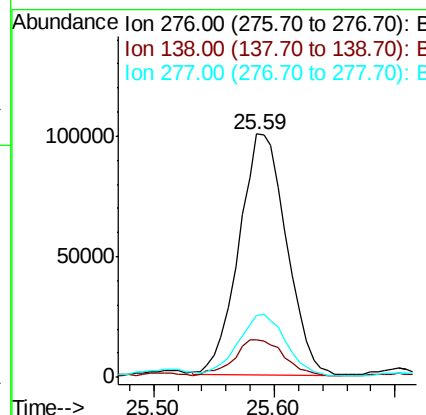
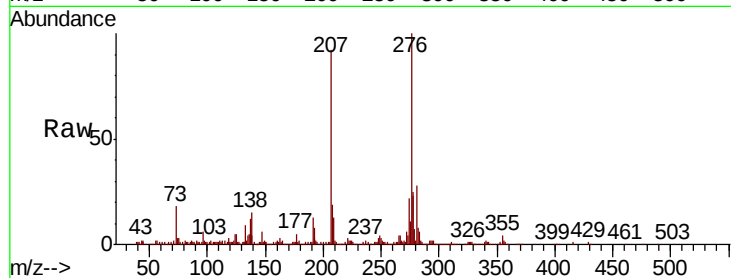
ClientSampled :

BFMN2

Tot Ion:	276	Resp:	273331
Ion Ratio	Lower	Upper	
276	100		
138	15.4	13.9	20.9
277	25.3	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:12 AM



#93

Dibenzo(a,h)anthracene

Concen: 1.377 ng/ul

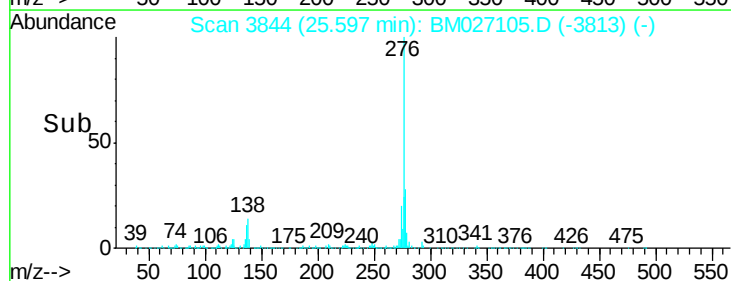
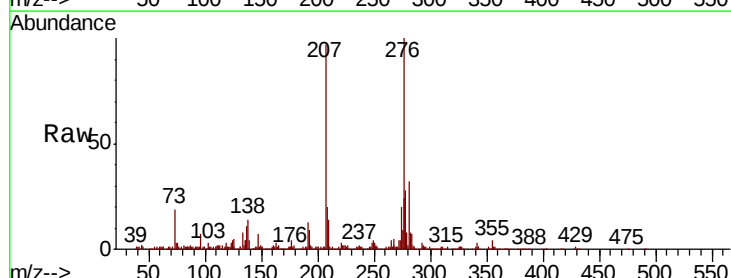
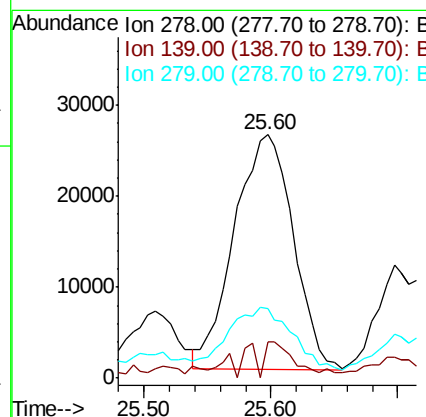
RT: 25.60 min Scan# 3844

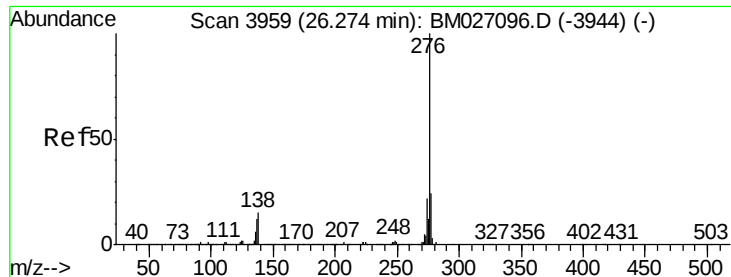
Delta R.T. -0.02 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Tgt Ion:	278	Resp:	83134
Ion Ratio	Lower	Upper	
278	100		
139	15.1	9.4	14.0#
279	28.7	18.7	28.1#





#94

Benzo(a,h,i)perylene

Concen: 3.805 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BM027105.D

Acq: 15 Aug 2020 02:22

Instrument :

BNA_M

ClientSampleId :

BFMN2

Tot Ion:	276	Resp:	223963
Ion Ratio	Lower	Upper	
276	100		
138	17.1	12.3	18.5
277	24.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
8/19/2020 8:19:12 AM

