

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026988.D
 Acq On : 03 Aug 2020 21:03
 Operator : JU/CG
 Sample : L3424-17DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S92DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:32 AM

Quant Time: Aug 04 04:44:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	63401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	250996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	150180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	308990	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	301488	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	301945	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	305	0.22	ng/uL	0.00
5) Phenol-d5	6.84	99	8005	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5852	1.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6341	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5669	1.33	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3194	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	3075	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5834	1.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3334	0.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	19271	1.64	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	22599	1.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1759	0.88	ng/ul	0.00
58) Fluorene-d10	15.29	176	16671	1.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1231	0.89	ng/ul	0.00
71) Anthracene-d10	17.13	188	26213m	1.70	ng/ul	0.00
79) Pyrene-d10	19.43	212	26868	1.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	25524	1.50	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.48	128	23849	1.701 ng/ul	97
48) Acenaphthylene	14.01	152	101790	6.685 ng/ul	97
54) Dibenzofuran	14.69	168	33346	2.293 ng/ul	96
70) Phenanthrene	17.07	178	87101	4.644 ng/ul	95
72) Anthracene	17.16	178	197261	10.232 ng/ul	98
75) Carbazole	17.43	167	27748	1.628 ng/ul	98
77) Fluoranthene	19.09	202	574487	25.941 ng/ul	100
80) Pyrene	19.46	202	792479	36.129 ng/ul	98
83) Benzo(a)anthracene	21.21	228	384125m	18.485 ng/ul	
85) Chrysene	21.26	228	615490	30.373 ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	1258350	58.257 ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	358189m	17.281 ng/ul	
91) Benzo(a)pyrene	23.33	252	382683	19.634 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	486686	20.128 ng/ul	95
93) Dibenzo(a,h)anthracene	25.64	278	121872	5.959 ng/ul	97
94) Benzo(g,h,i)perylene	26.31	276	121779	6.091 ng/ul	94

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

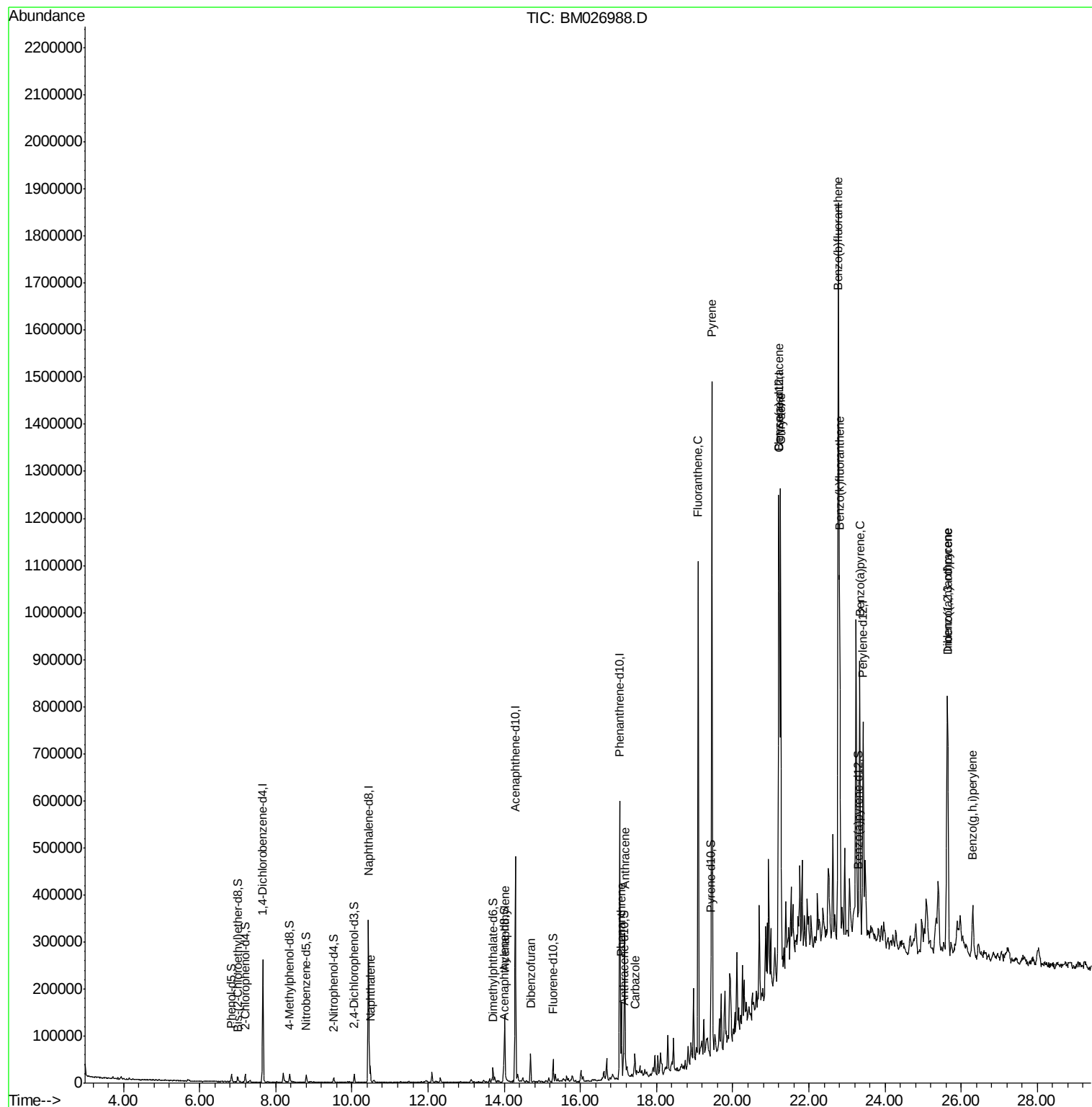
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026988.D
Acq On : 03 Aug 2020 21:03
Operator : JU/CG
Sample : L3424-17DL 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

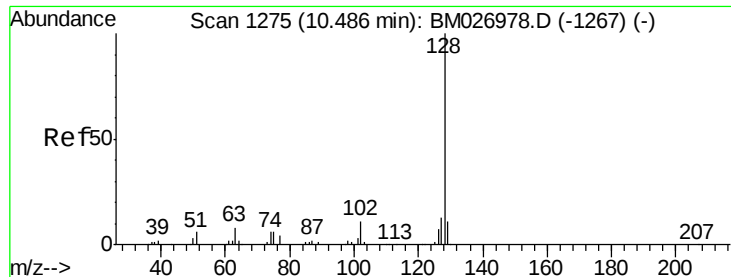
Instrument :
BNA_M
ClientSampleId :
C0S92DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM

Quant Time: Aug 04 04:44:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration





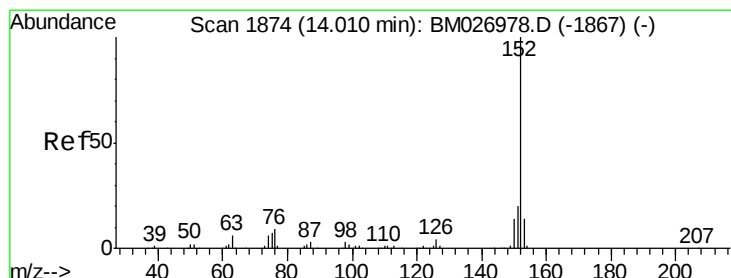
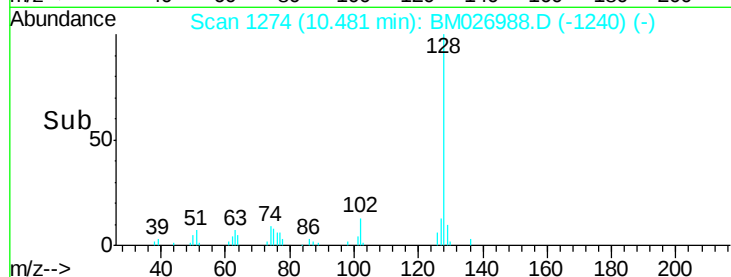
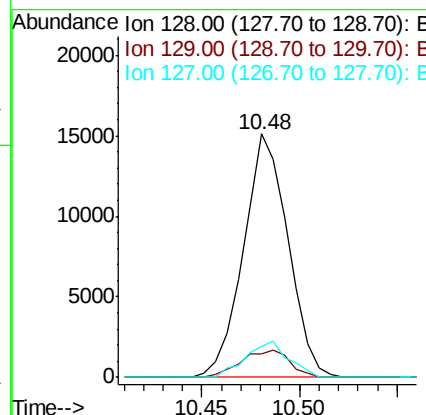
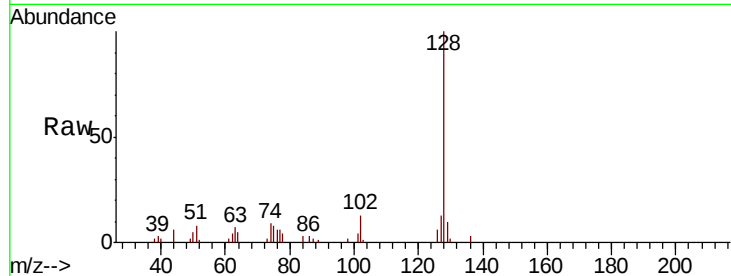
#28
Naphthalene
Concen: 1.701 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Instrument :
BNA_M
ClientSampleId :
C0S92DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.3	12.5
127	12.5	11.0	16.6

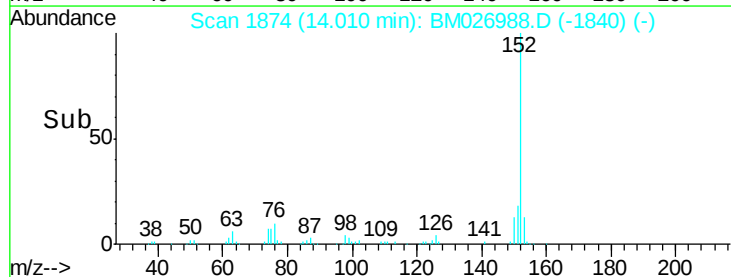
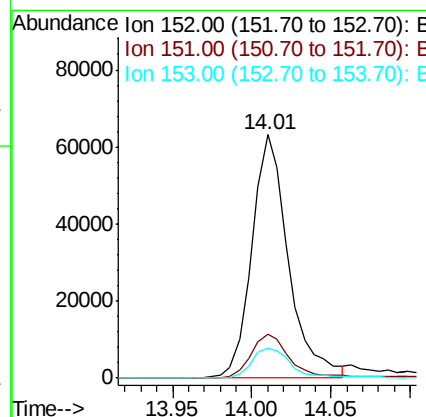
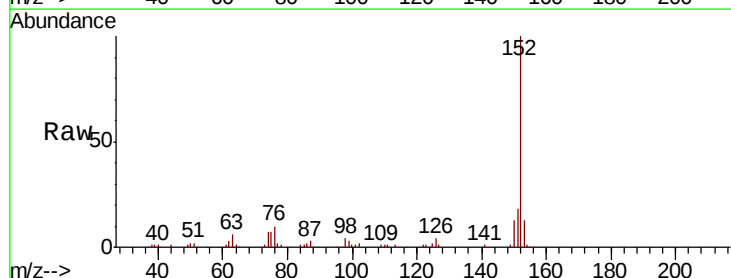
Manual Integrations
APPROVED

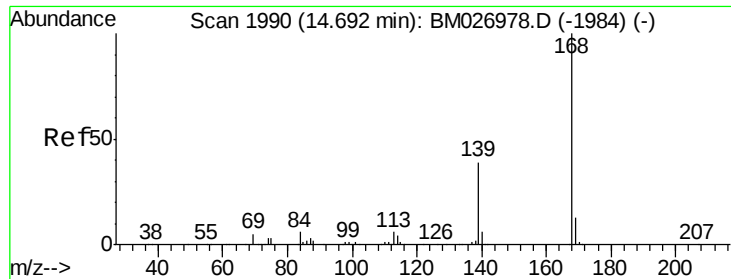
mohammad
8/5/2020 10:26:32 AM



#48
Acenaphthylene
Concen: 6.685 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.8	23.6
153	12.5	10.7	16.1





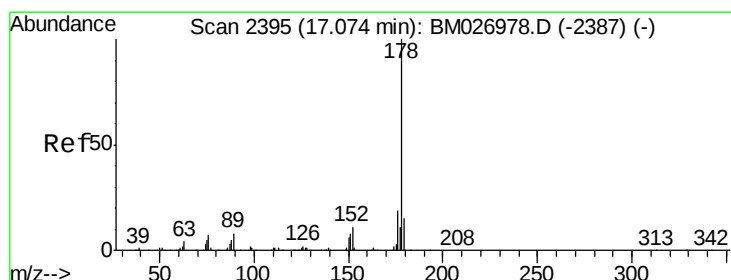
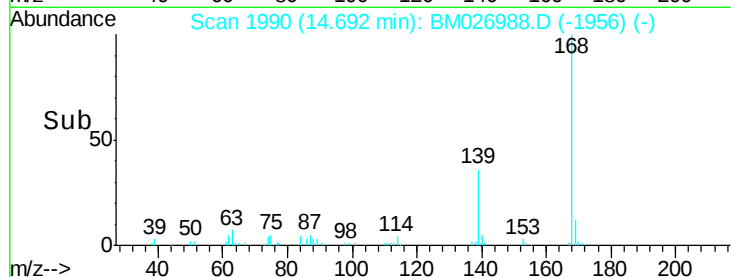
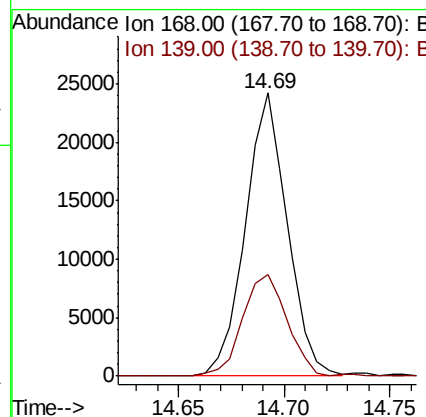
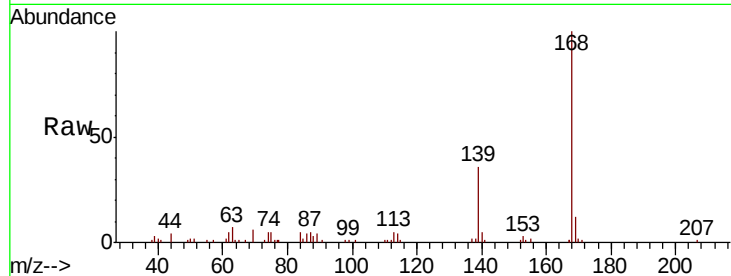
#54
Dibenzo(furan)
Concen: 2.293 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Instrument :
BNA_M
ClientSampled :
C0S92DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.8	46.2

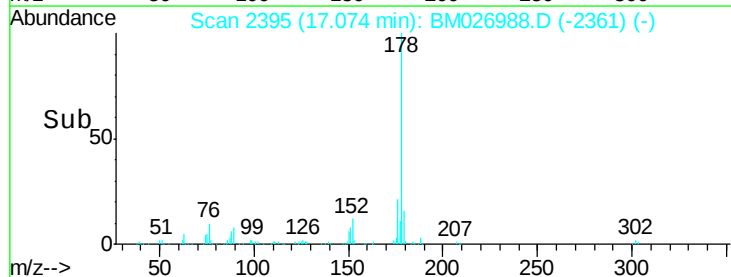
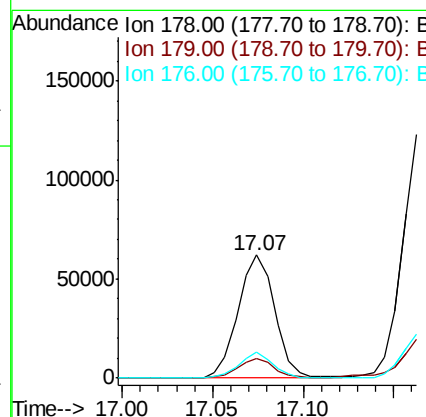
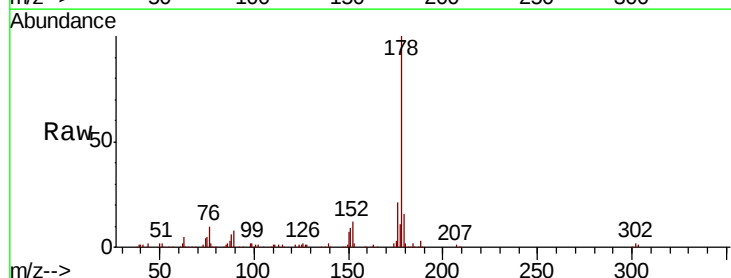
Manual Integrations
APPROVED

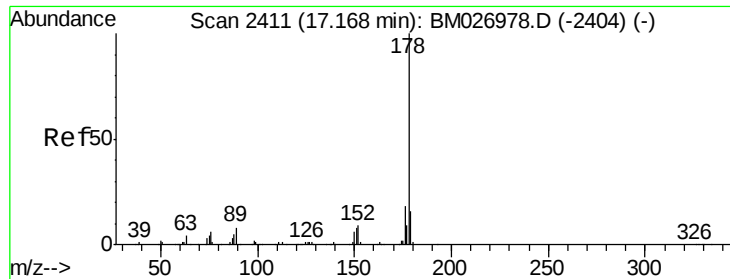
mohammad
8/5/2020 10:26:32 AM



#70
Phenanthrene
Concen: 4.644 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	21.1	14.7	22.1





#72

Anthracene

Concen: 10.232 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BM026988.D

Acq: 03 Aug 2020 21:03

Instrument :

BNA_M

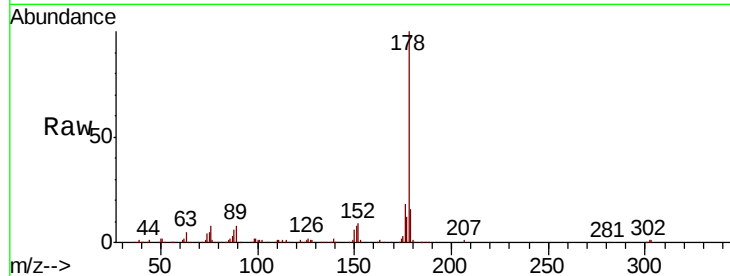
ClientSampleId :

C0S92DL

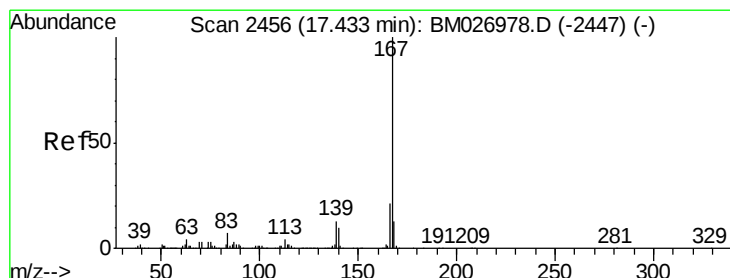
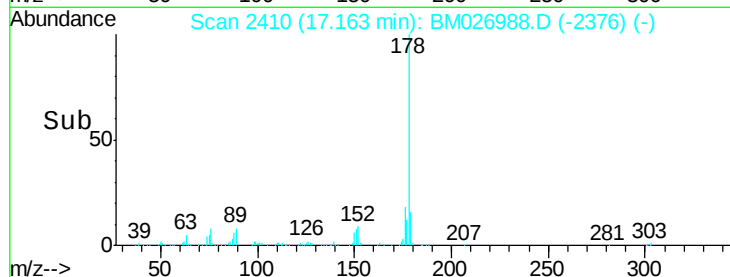
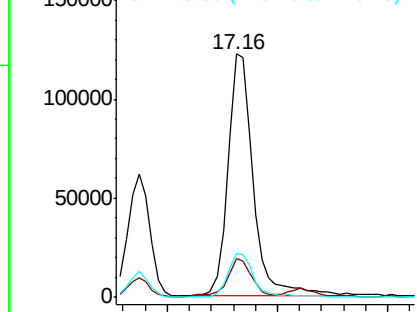
Tot Ion:	178	Resp:	197261
Ion Ratio		Lower	Upper
178	100		
179	15.7	11.8	17.6
176	18.2	15.0	22.6

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 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



#75

Carbazole

Concen: 1.628 ng/ul

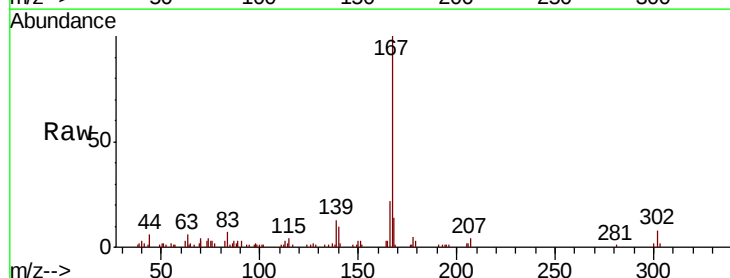
RT: 17.43 min Scan# 2456

Delta R.T. -0.00 min

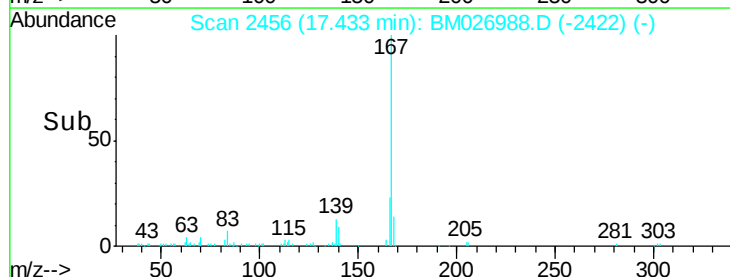
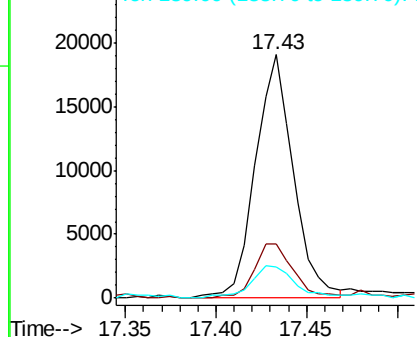
Lab File: BM026988.D

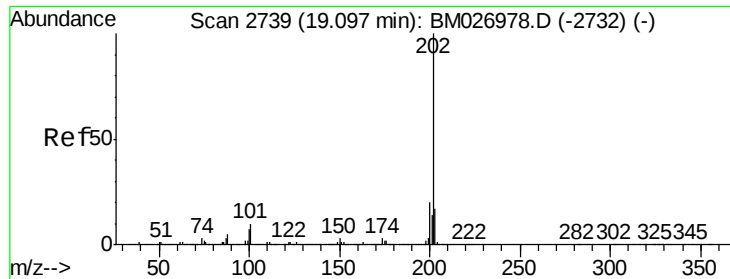
Acq: 03 Aug 2020 21:03

Tgt Ion:	167	Resp:	27748
Ion Ratio		Lower	Upper
167	100		
166	22.4	17.1	25.7
139	12.8	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





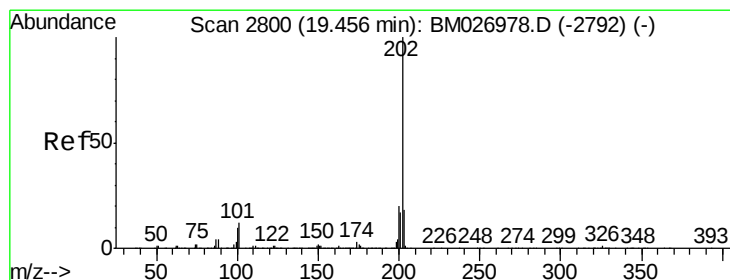
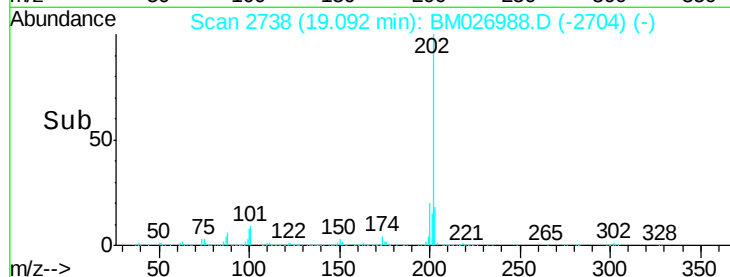
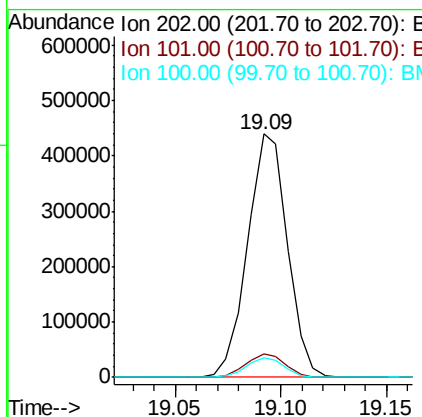
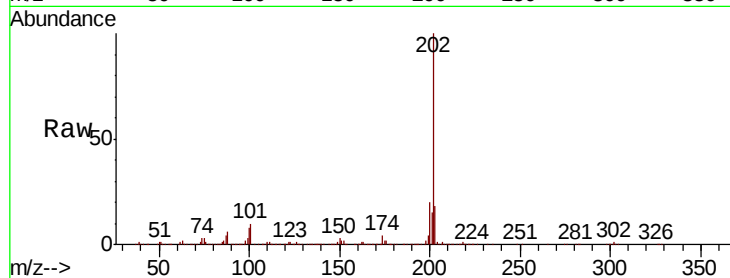
#77
 Fluoranthene
 Concen: 25.941 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.00 min
 Lab File: BM026988.D
 Acq: 03 Aug 2020 21:03

Instrument :
 BNA_M
 ClientSampleID :
 C0S92DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	574487		
101	9.5	7.7	11.5	
100	7.8	6.2	9.4	

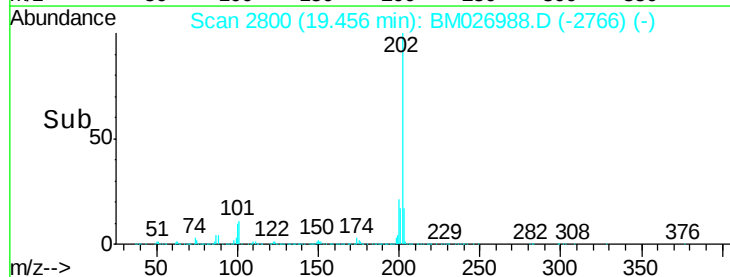
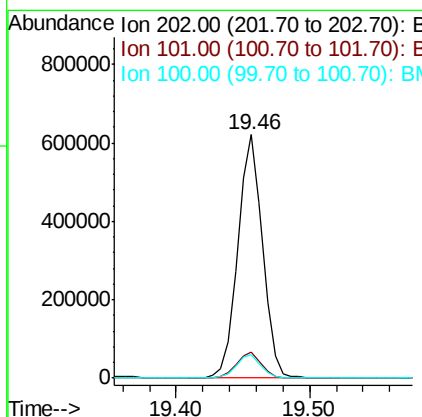
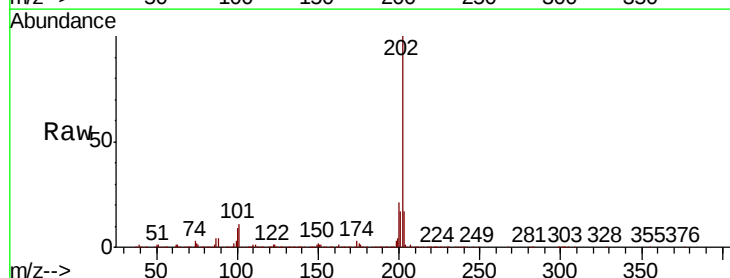
Manual Integrations
 APPROVED

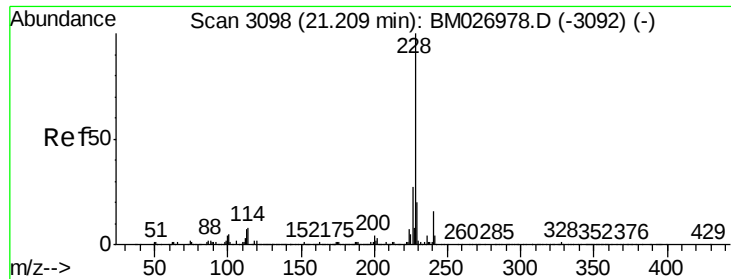
mohammad
 8/5/2020 10:26:32 AM



#80
 Pyrene
 Concen: 36.129 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM026988.D
 Acq: 03 Aug 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	792479		
101	10.8	9.4	14.2	
100	9.5	8.2	12.4	





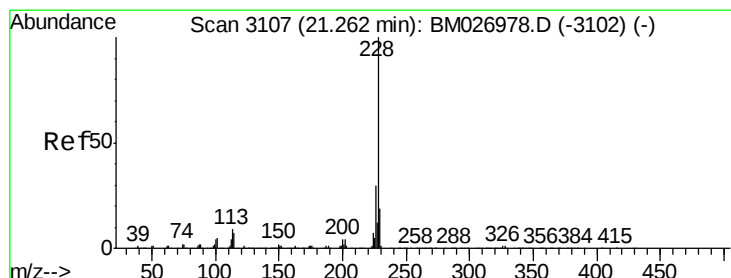
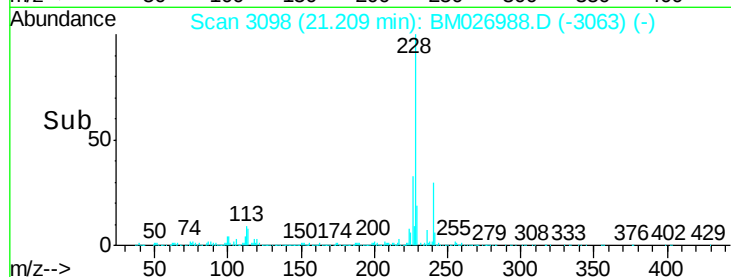
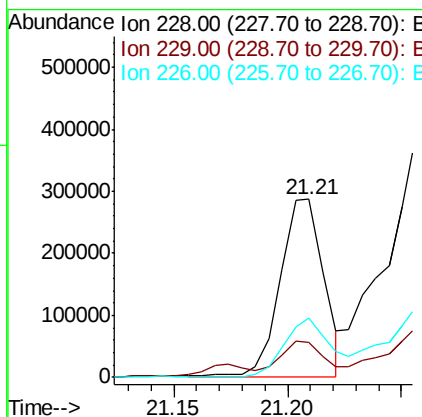
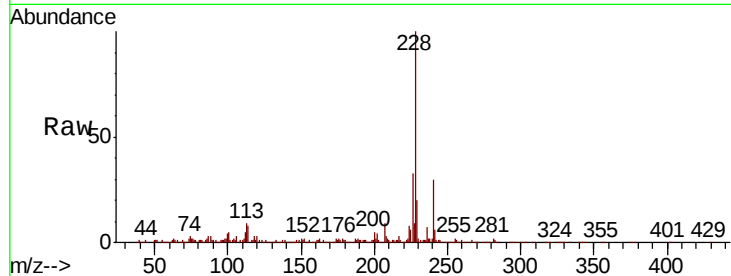
#83
Benzo(a)anthracene
Concen: 18.485 ng/ul m
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Instrument :
BNA_M
ClientSampled :
C0S92DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	33.0	20.9	31.3

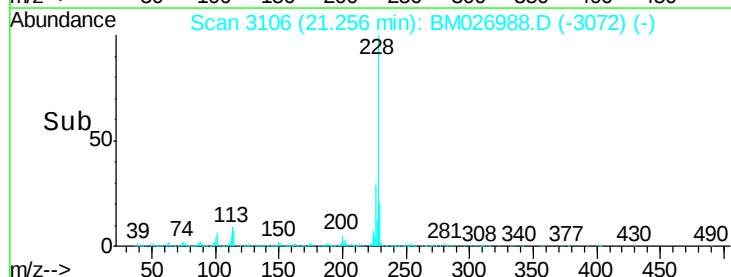
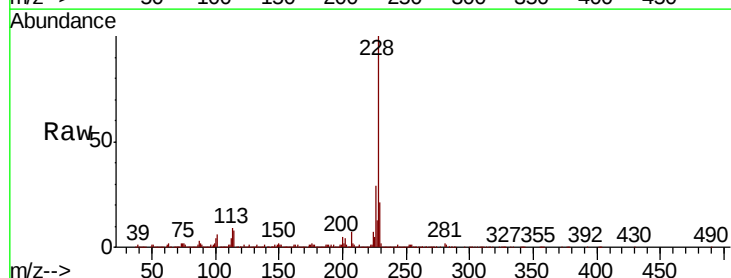
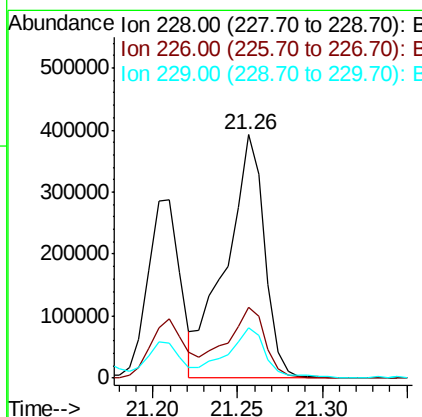
Manual Integrations
APPROVED

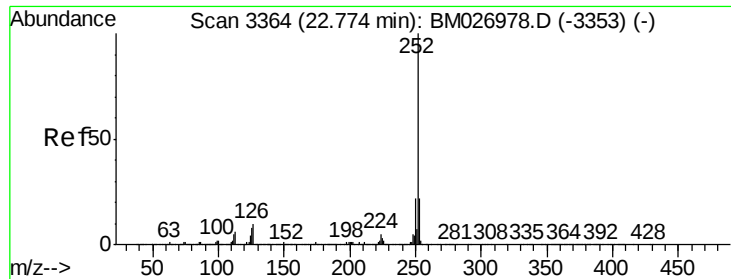
mohammad
8/5/2020 10:26:32 AM



#85
Chrysene
Concen: 30.373 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	20.8	15.5	23.3





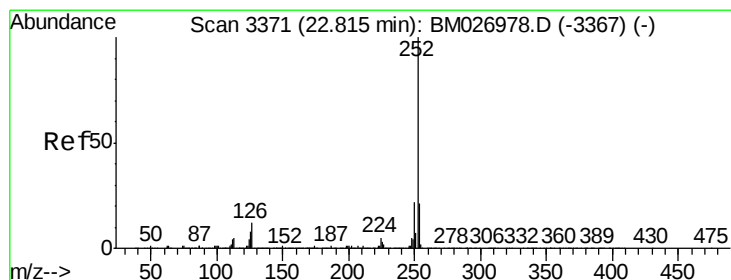
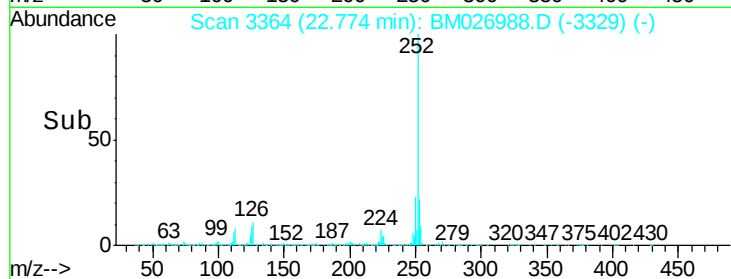
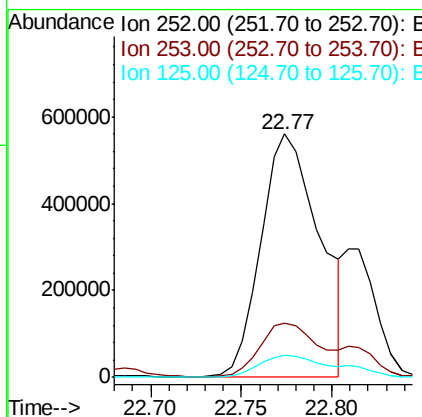
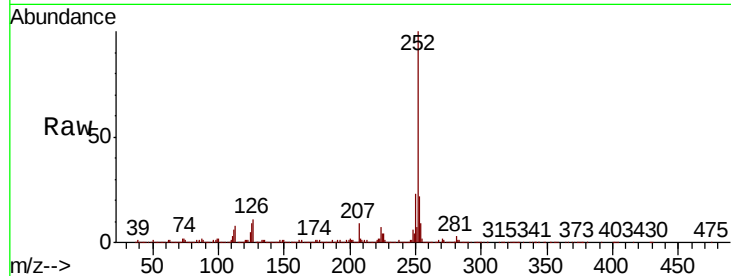
#88
Benzo(b)fluoranthene
Concen: 58.257 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Instrument :
BNA_M
ClientSampleId :
C0S92DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.1	6.6	10.0

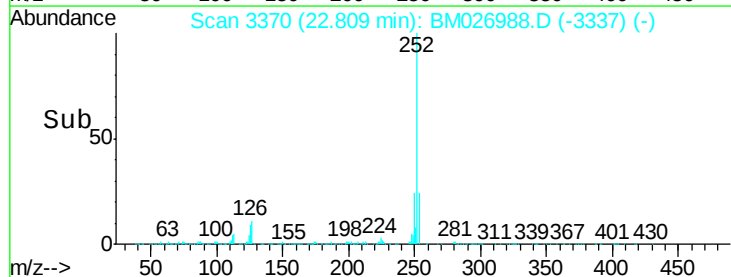
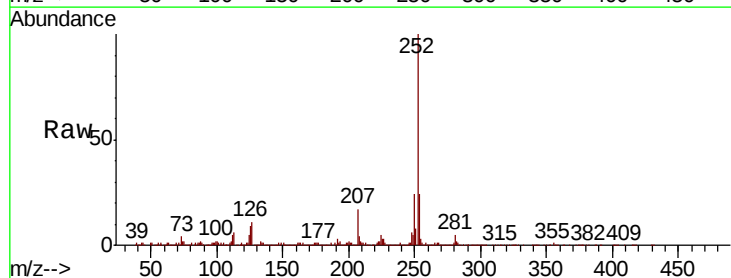
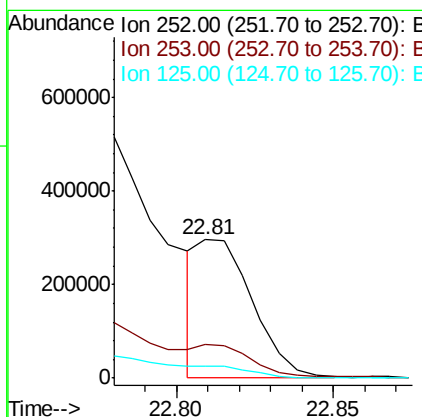
Manual Integrations
APPROVED

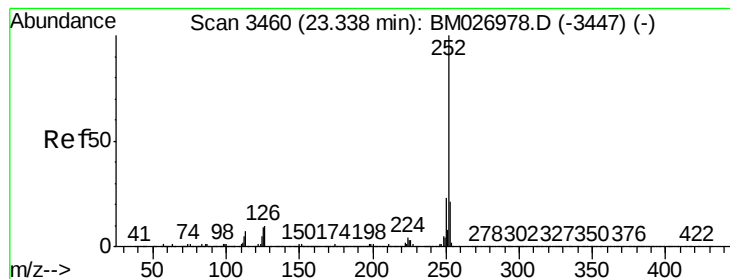
mohammad
8/5/2020 10:26:32 AM



#89
Benzo(k)fluoranthene
Concen: 17.281 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	9.0	7.3	10.9





#91

Benzo(a)pyrene

Concen: 19.634 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BM026988.D

Acq: 03 Aug 2020 21:03

Instrument :

BNA_M

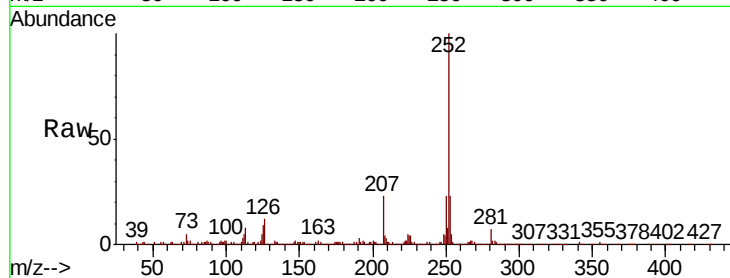
ClientSampleId :

C0S92DL

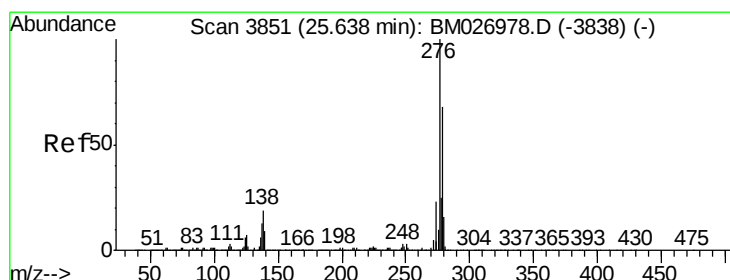
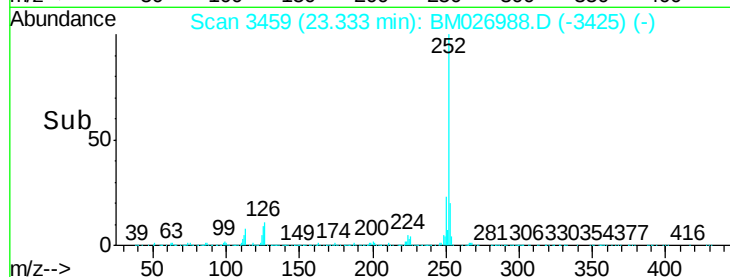
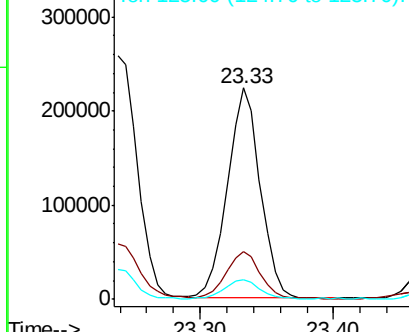
Tot Ion:	252	Resp:	382683
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	9.3	8.2	12.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 20.128 ng/ul

RT: 25.63 min Scan# 3850

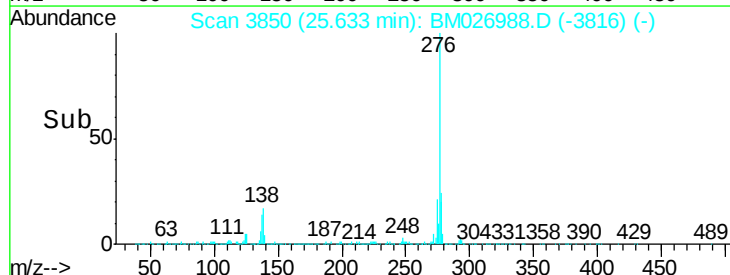
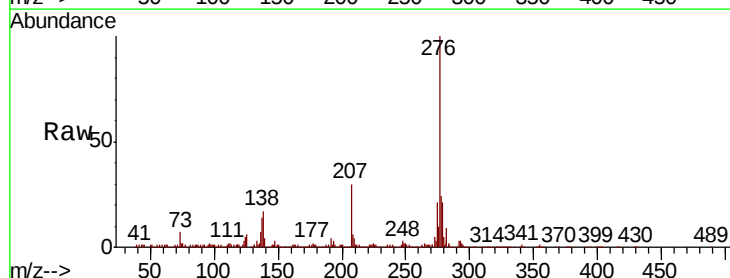
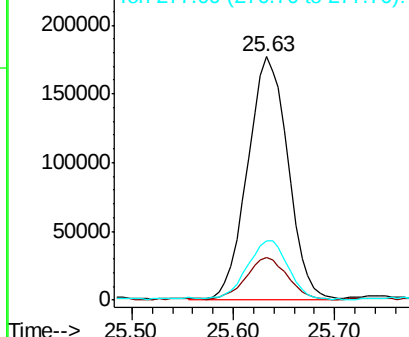
Delta R.T. -0.00 min

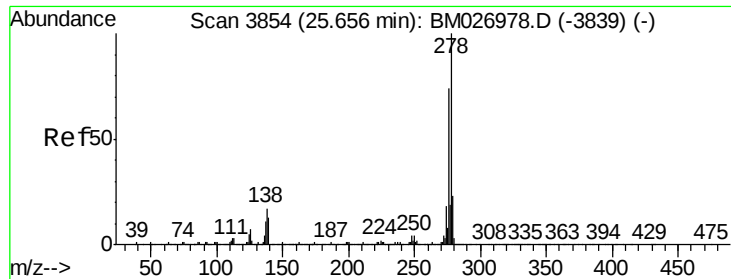
Lab File: BM026988.D

Acq: 03 Aug 2020 21:03

Tgt Ion:	276	Resp:	486686
Ion Ratio	Lower	Upper	
276	100		
138	17.3	17.0	25.4
277	24.3	20.6	30.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





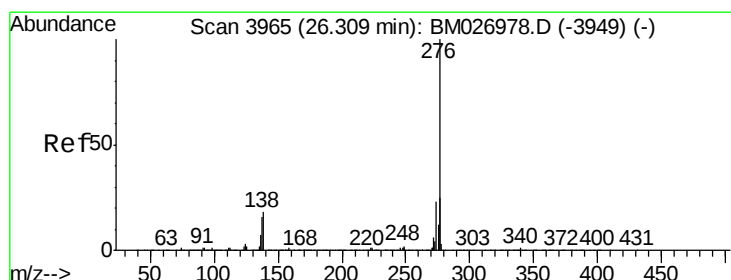
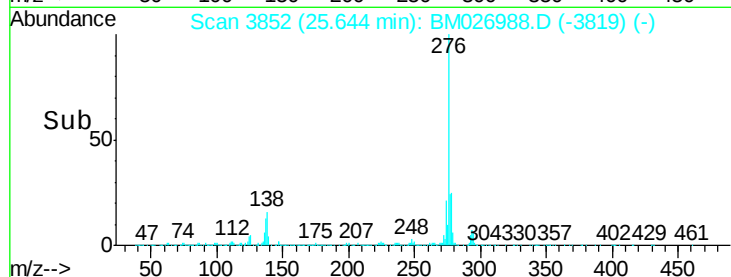
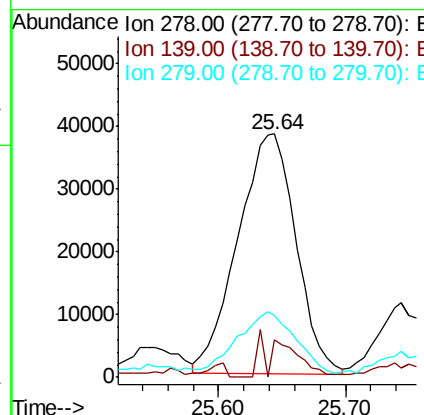
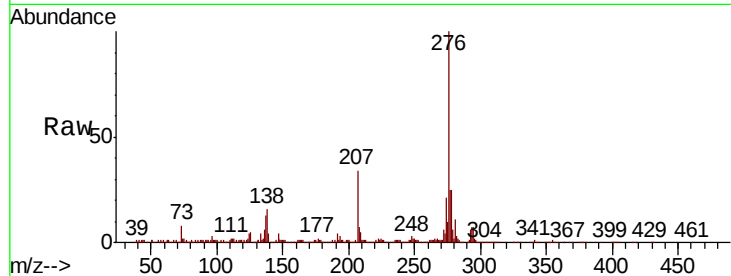
#93
Dibenzo(a,h)anthracene
Concen: 5.959 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Instrument :
BNA_M
ClientSampled :
C0S92DL

Tot Ion:	278	Resp:	121872
Ion Ratio	Lower	Upper	
278	100		
139	15.3	10.9	16.3
279	25.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:32 AM



#94
Benzo(g,h,i)perylene
Concen: 6.091 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. -0.00 min
Lab File: BM026988.D
Acq: 03 Aug 2020 21:03

Tgt Ion:	276	Resp:	121779
Ion Ratio	Lower	Upper	
276	100		
138	22.0	14.9	22.3
277	21.8	19.1	28.7

