

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
 Data File : BM025878.D
 Acq On : 31 Mar 2020 22:51
 Operator : CG/JU
 Sample : L2062-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E05

Manual Integrations
 APPROVED

mohammad
 4/1/2020 11:56:28 AM

Quant Time: Apr 01 02:20:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 01:28:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	194611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	792338	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	480562	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1024228	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1062810	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1188832	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	20006	4.31	ng/uL	0.00
5) Phenol-d5	6.75	99	399424	26.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	234050	26.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	337948	27.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	333410	26.42	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	170149	28.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	182781	29.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	342959	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	750739	50.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1061095	29.05	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1282548	29.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	169696	24.40	ng/ul	0.00
58) Fluorene-d10	15.20	176	936050	29.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	153084	24.50	ng/ul	0.00
71) Anthracene-d10	17.04	188	1465984	30.64	ng/ul	0.00
79) Pyrene-d10	19.34	212	1585239	31.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1953106	32.09	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.66	163	198069	5.210	ng/ul 99
48) Acenaphthylene	13.92	152	112948	2.383	ng/ul 99
72) Anthracene	17.08	178	1492032	24.284	ng/ul 99
77) Fluoranthene	19.01	202	2487891	35.010	ng/ul 99
80) Pyrene	19.37	202	3619040	50.701	ng/ul 98
83) Benzo(a)anthracene	21.13	228	2010973	28.699	ng/ul 97
85) Chrysene	21.18	228	3255636	47.356	ng/ul 99
88) Benzo(b)fluoranthene	22.66	252	3982071	53.684	ng/ul 99
89) Benzo(k)fluoranthene	22.69	252	1151448m	15.758	ng/ul
91) Benzo(a)pyrene	23.20	252	1650502	24.451	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.40	276	781473	8.766	ng/ul 97
93) Dibenzo(a,h)anthracene	25.40	278	233232	3.090	ng/ul# 86
94) Benzo(g,h,i)perylene	26.04	276	437750	5.958	ng/ul 99

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

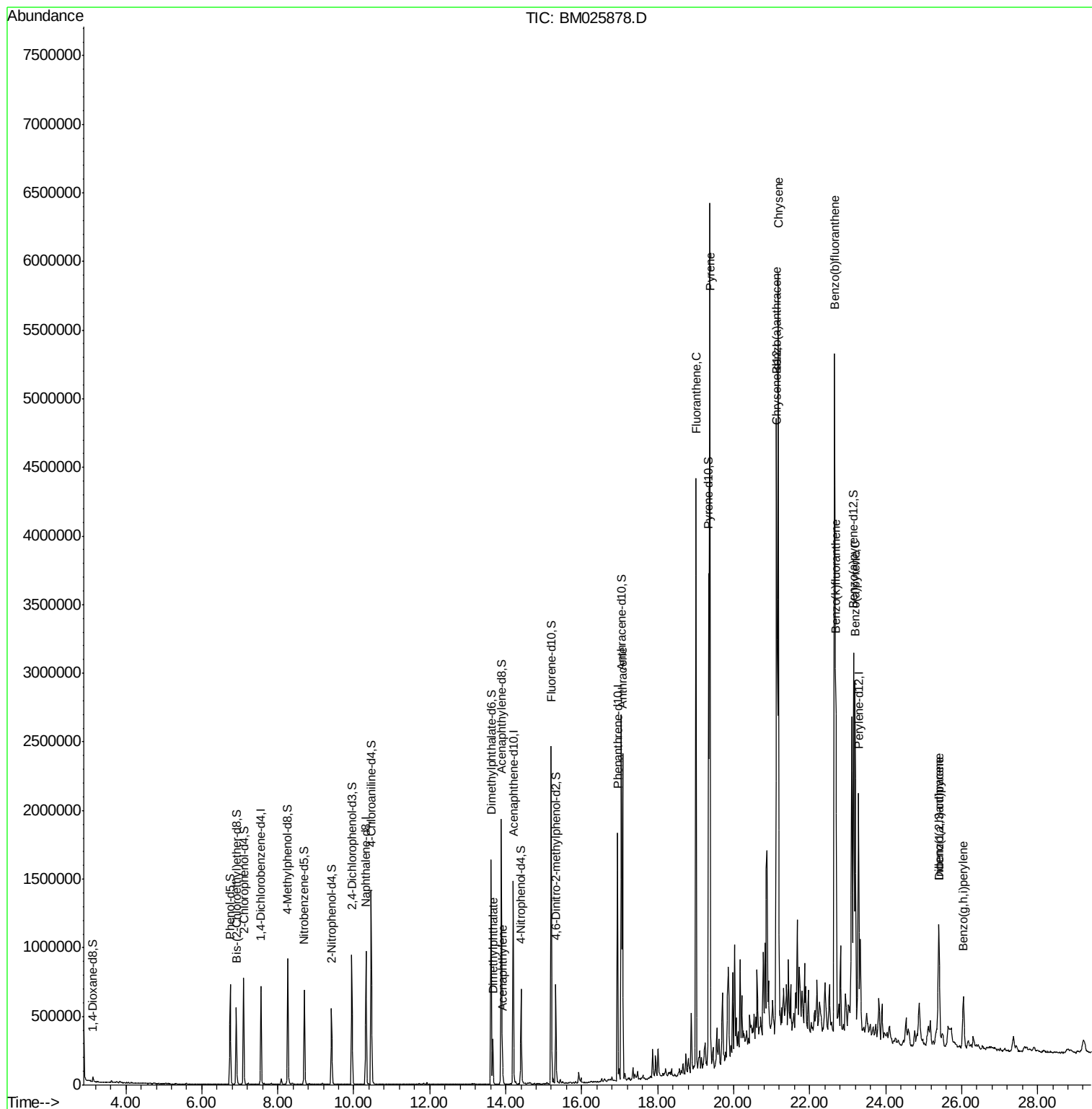
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025878.D
Acq On : 31 Mar 2020 22:51
Operator : CG/JU
Sample : L2062-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

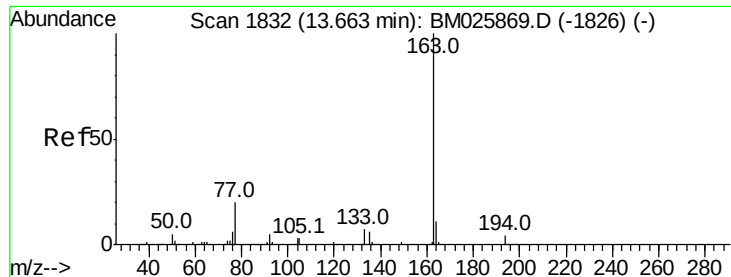
Instrument :
BNA_M
ClientSampleId :
F3E05

Manual Integrations
APPROVED

mohammad
4/1/2020 11:56:28 AM

Quant Time: Apr 01 02:20:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:28:55 2020
Response via : Initial Calibration





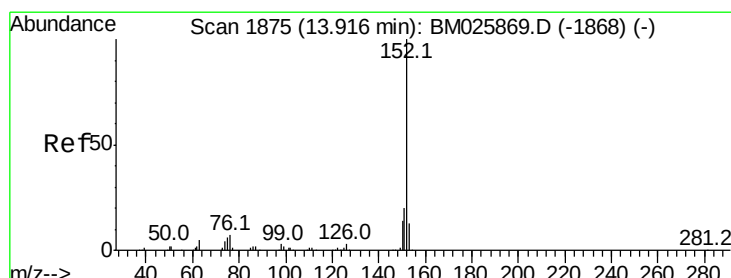
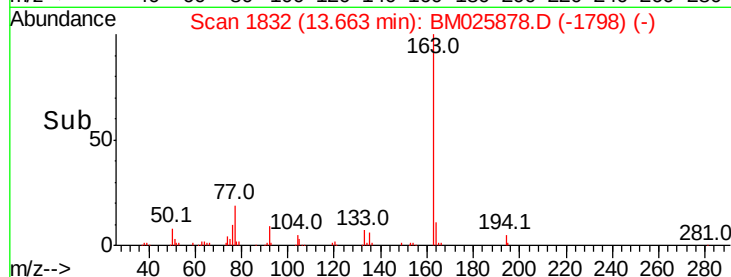
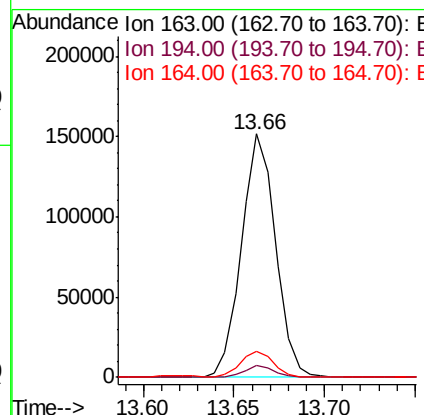
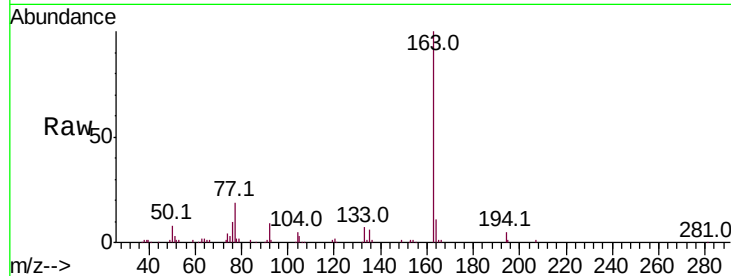
#45
Dimethylphthalate
Concen: 5.210 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.6	8.2	12.4

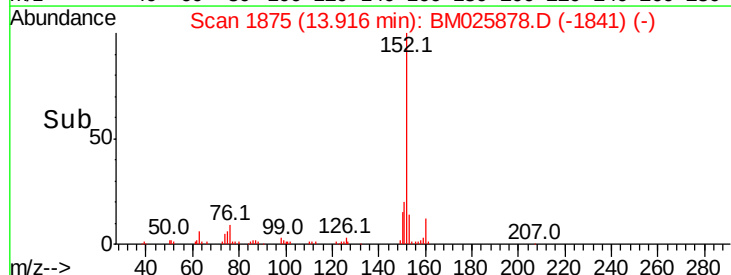
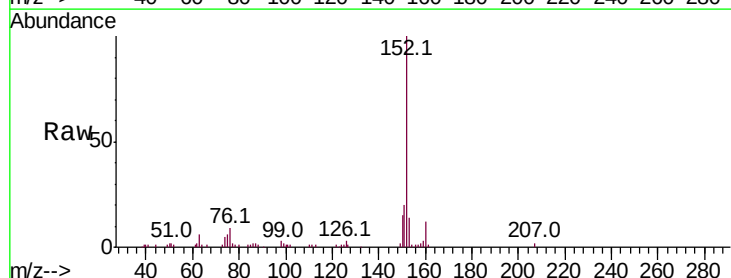
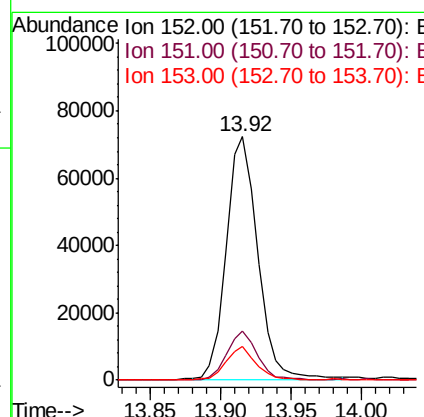
Manual Integrations
APPROVED

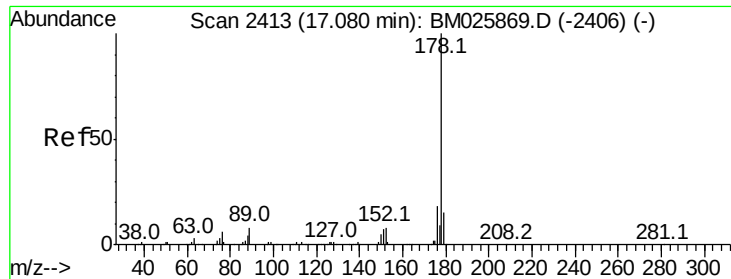
mohammad
4/1/2020 11:56:28 AM



#48
Acenaphthylene
Concen: 2.383 ng/ul
RT: 13.92 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.6	10.6	16.0





#72

Anthracene

Concen: 24.284 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM025878.D

Acq: 31 Mar 2020 22:51

Instrument :

BNA_M

ClientSampleId :

F3E05

Tot Ion:178 Resp: 1492032

Ion Ratio Lower Upper

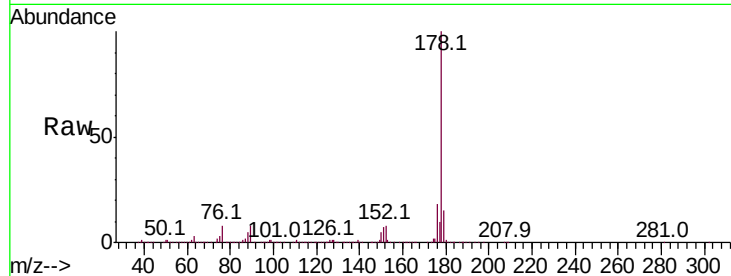
178 100

179 15.2 12.5 18.7

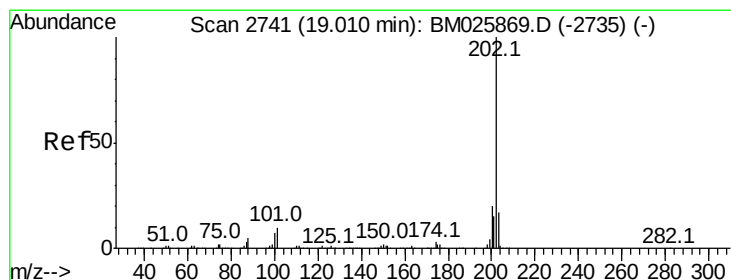
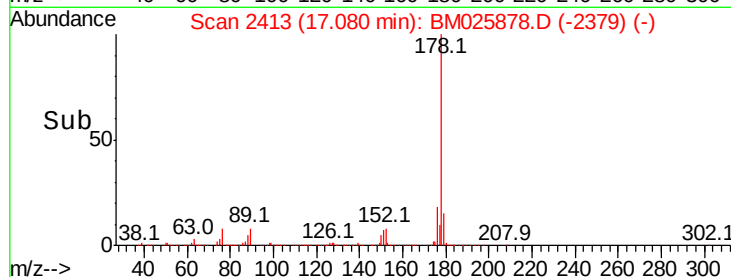
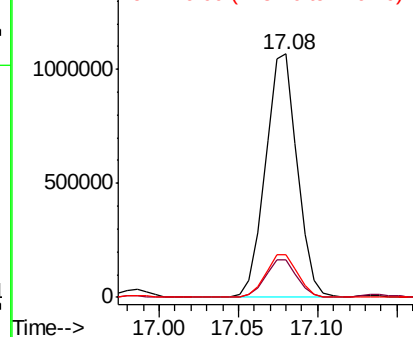
176 17.7 14.5 21.7

Manual Integrations
APPROVED

mohammad
4/1/2020 11:56:28 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



#77

Fluoranthene

Concen: 35.010 ng/ul

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM025878.D

Acq: 31 Mar 2020 22:51

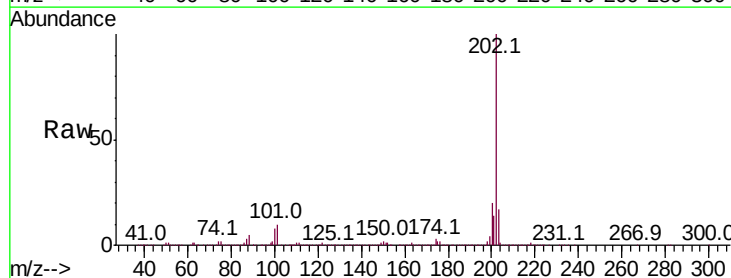
Tgt Ion:202 Resp: 2487891

Ion Ratio Lower Upper

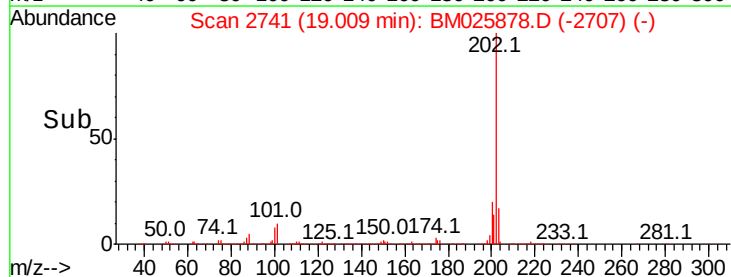
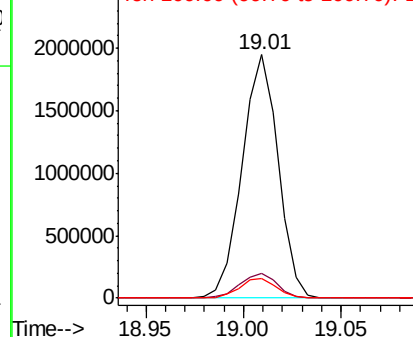
202 100

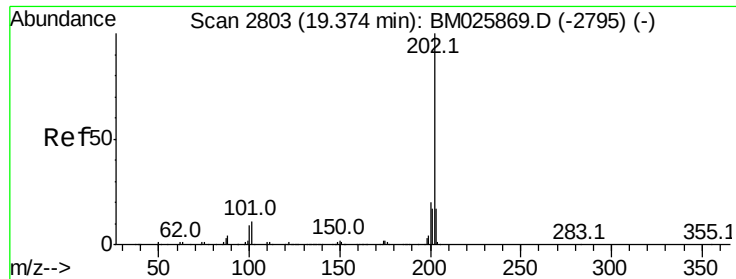
101 10.1 8.2 12.4

100 7.9 6.5 9.7



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





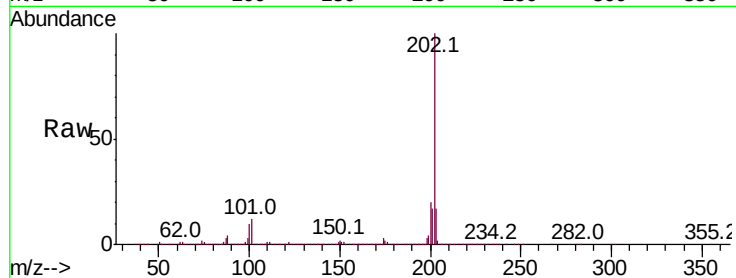
#80
Pvrene
Concen: 50.701 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.0	7.5	11.3

Manual Integrations
APPROVED

mohammad
4/1/2020 11:56:28 AM

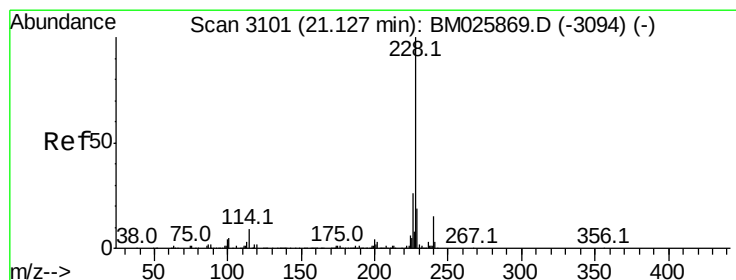
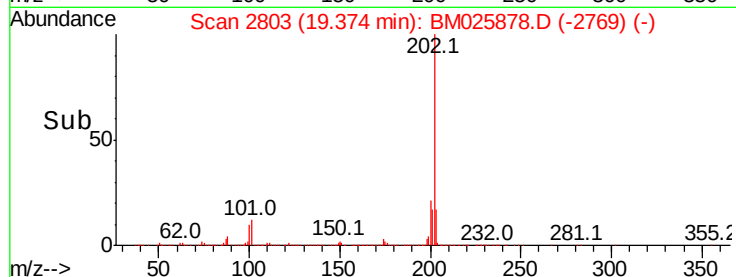
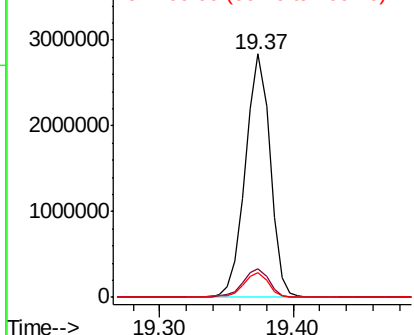


Abundance

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



#83
Benzo(a)anthracene
Concen: 28.699 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

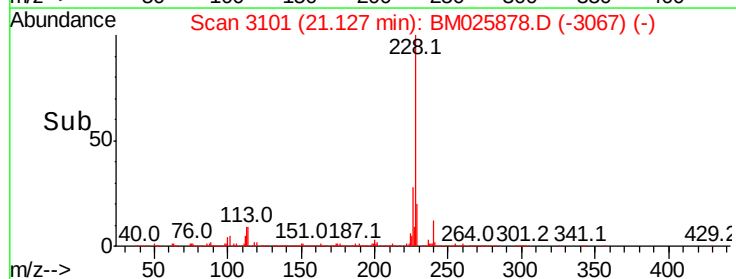
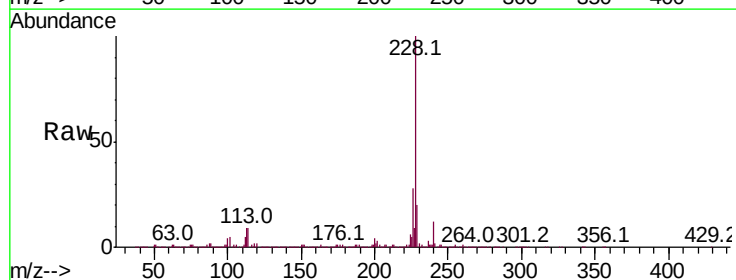
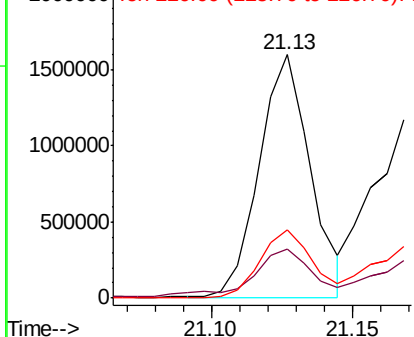
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.3	21.0	31.6

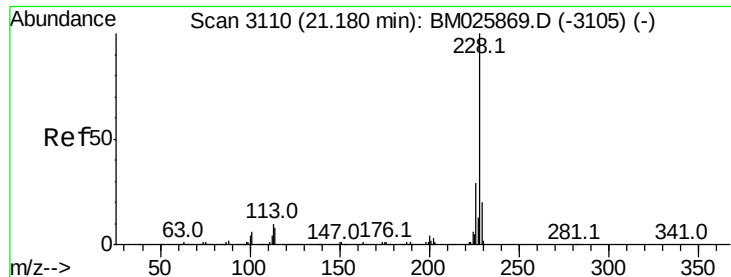
Abundance

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





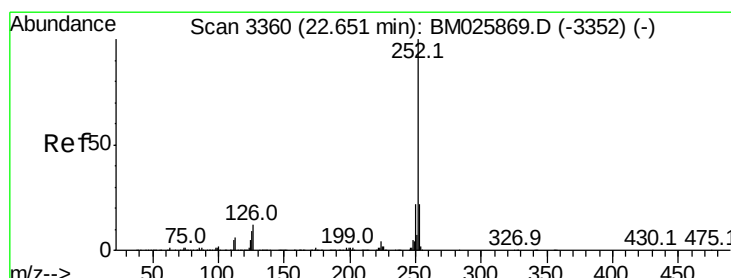
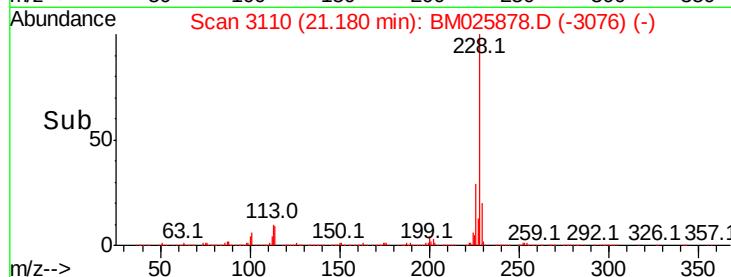
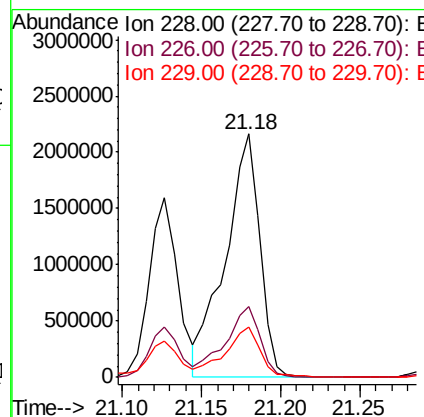
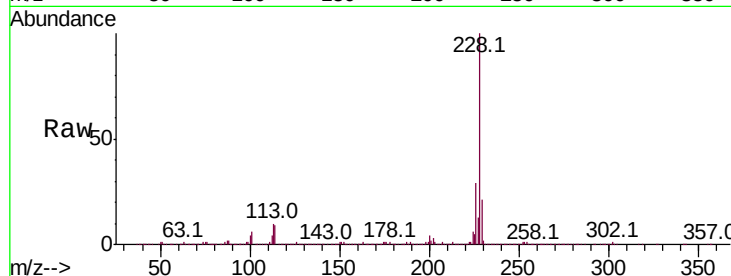
#85
Chrysene
Concen: 47.356 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.6	15.6	23.4

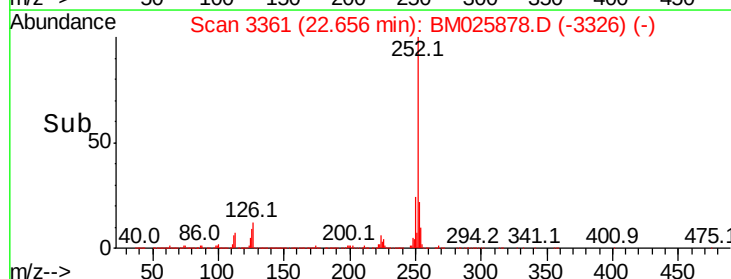
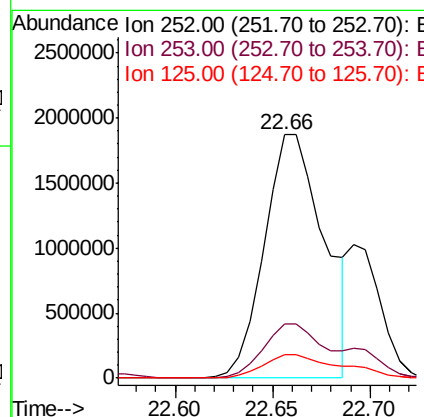
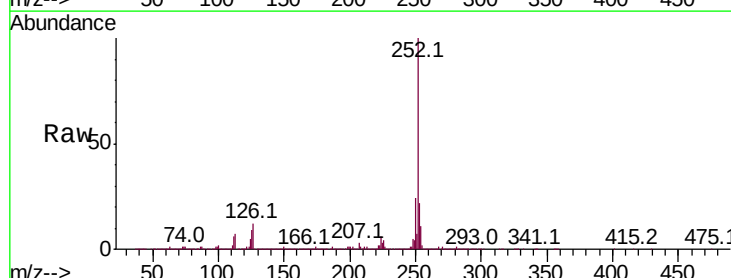
Manual Integrations
APPROVED

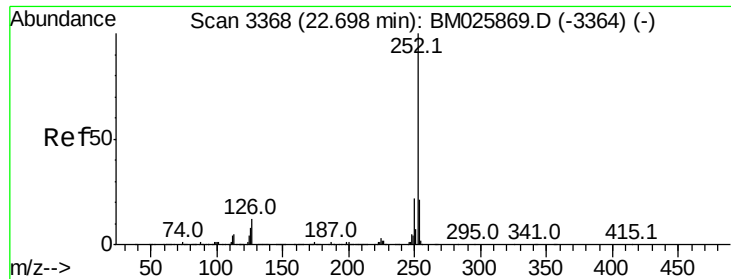
mohammad
4/1/2020 11:56:28 AM



#88
Benzo(b)fluoranthene
Concen: 53.684 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.4	6.7	10.1





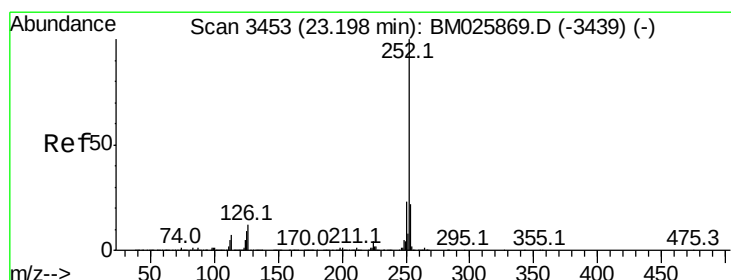
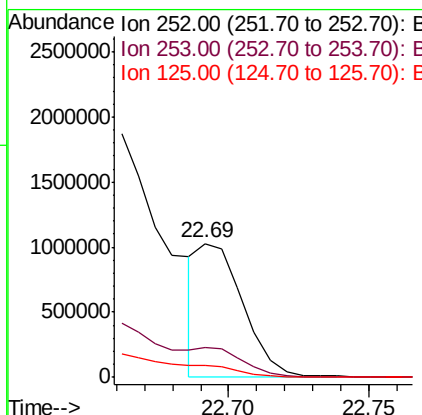
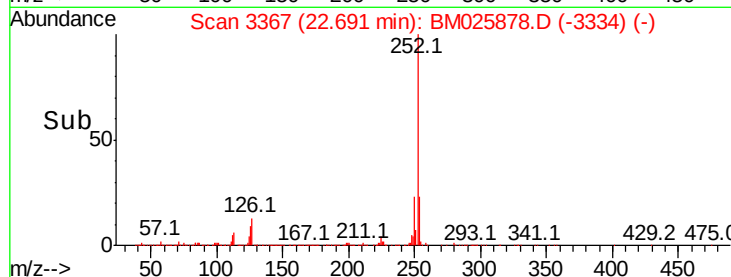
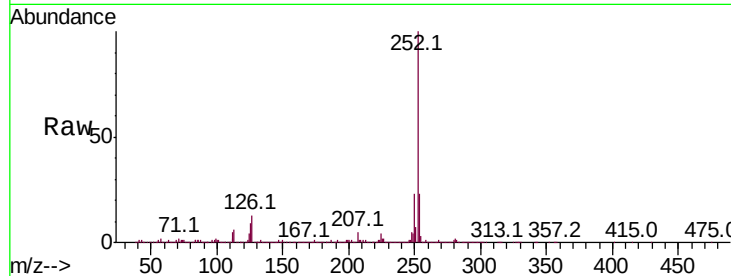
#89
Benzo(k)fluoranthene
Concen: 15.758 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.4	6.9	10.3

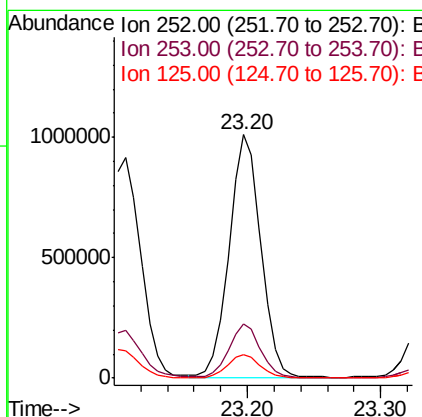
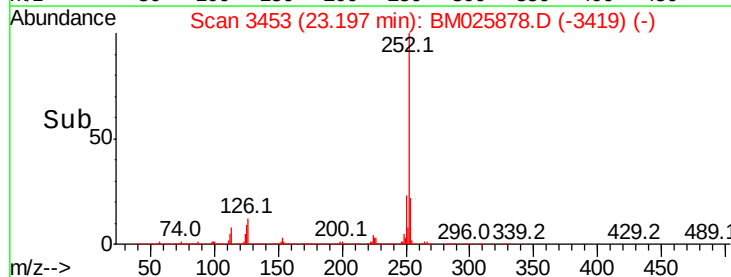
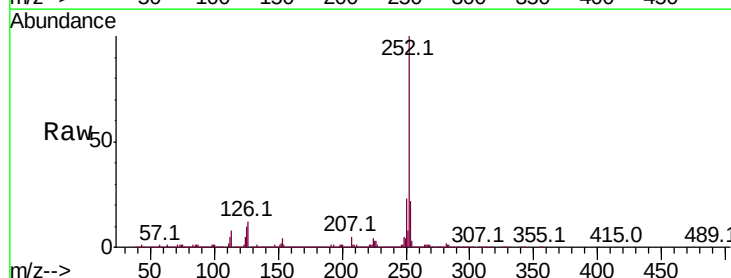
Manual Integrations
APPROVED

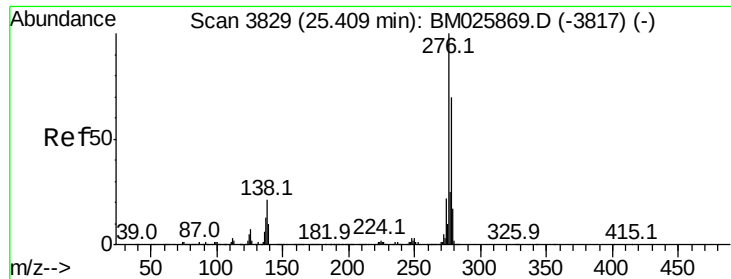
mohammad
4/1/2020 11:56:28 AM



#91
Benzo(a)pyrene
Concen: 24.451 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM025878.D
Acq: 31 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.6	7.1	10.7





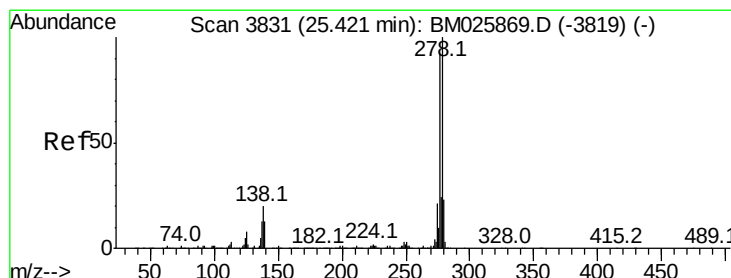
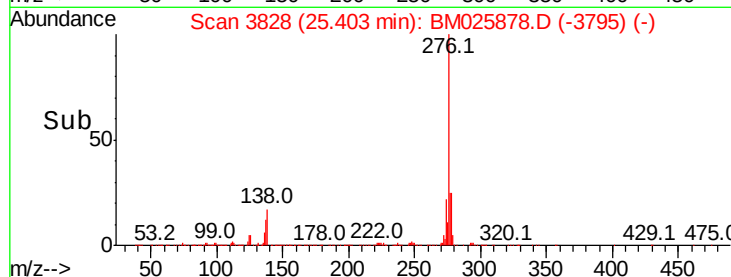
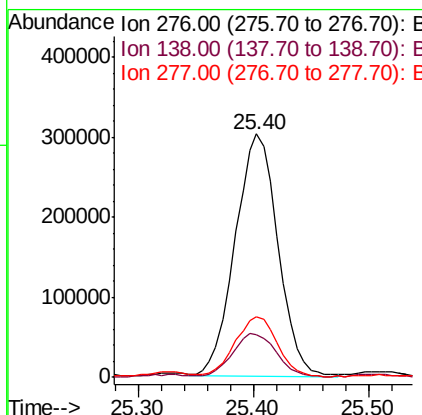
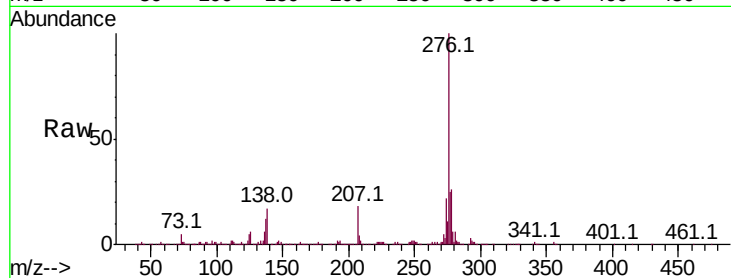
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.766 ng/ul
 RT: 25.40 min Scan# 3828
 Delta R.T. -0.01 min
 Lab File: BM025878.D
 Acq: 31 Mar 2020 22:51

Instrument :
 BNA_M
 ClientSampleId :
 F3E05

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.5	24.7
277	24.8	19.7	29.5

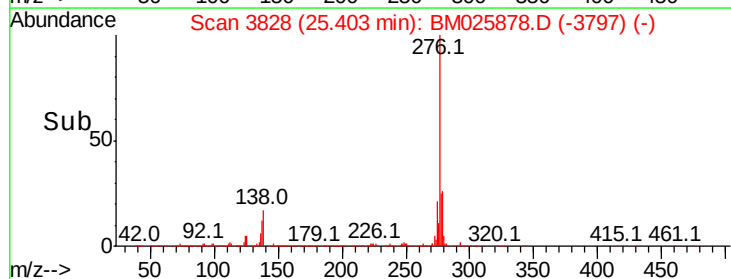
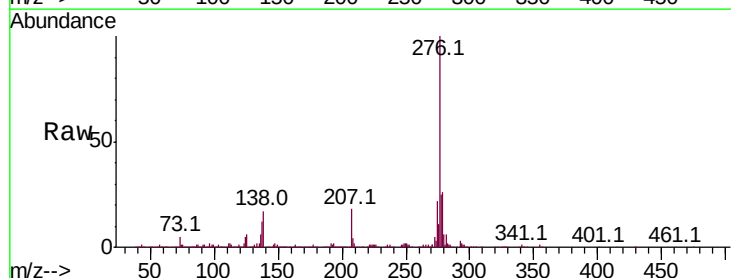
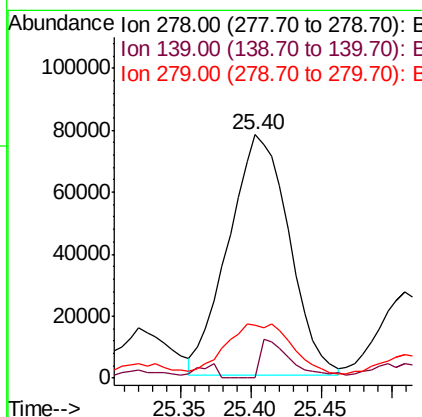
Manual Integrations
 APPROVED

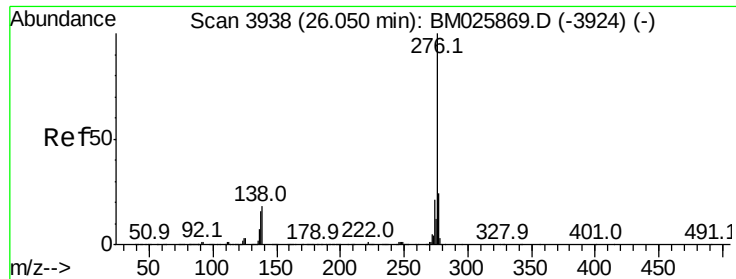
mohammad
 4/1/2020 11:56:28 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.090 ng/ul
 RT: 25.40 min Scan# 3828
 Delta R.T. -0.02 min
 Lab File: BM025878.D
 Acq: 31 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	21.7	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 5.958 ng/ul

RT: 26.04 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BM025878.D

Acq: 31 Mar 2020 22:51

Instrument :

BNA_M

ClientSampleId :

F3E05

Tot Ion:	276	Resp:	437750
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.2	19.8
277	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
4/1/2020 11:56:28 AM

