

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024738.D
 Acq On : 06 Feb 2020 21:26
 Operator : CG/JU
 Sample : L1398-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D8

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:21:50 AM

Quant Time: Feb 07 00:57:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	252174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1019928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	704668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1562203	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1566477	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1786211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25921	4.94	ng/uL	0.00
5) Phenol-d5	6.60	99	443033	26.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	260524	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	405140	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	371347	26.27	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	198516	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	233137	26.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	438363	24.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	516490	31.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1442905	27.13	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1674520	26.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	199558	23.09	ng/ul	0.00
58) Fluorene-d10	15.06	176	1262763	26.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	234672	23.05	ng/ul	0.00
71) Anthracene-d10	16.92	188	1978722	27.75	ng/ul	0.00
79) Pyrene-d10	19.22	212	2314561	29.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2546212	28.38	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.22	128	86048	1.651	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	38660	1.007	ng/ul	97
45) Dimethylphthalate	13.53	163	119532	2.154	ng/ul	98
70) Phenanthrene	16.86	178	720748	8.462	ng/ul	100
72) Anthracene	16.95	178	157354	1.822	ng/ul	98
77) Fluoranthene	18.89	202	1099663	10.516	ng/ul	99
80) Pyrene	19.25	202	966541	9.321	ng/ul	99
83) Benzo(a)anthracene	21.01	228	550397	5.216	ng/ul	97
85) Chrysene	21.06	228	539539	5.194	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	745823	6.566	ng/ul#	97
89) Benzo(k)fluoranthene	22.55	252	217126m	1.986	ng/ul	
91) Benzo(a)pyrene	23.04	252	477088	4.685	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	329995	2.603	ng/ul	97
94) Benzo(g,h,i)perylene	25.81	276	321511	3.049	ng/ul	99

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

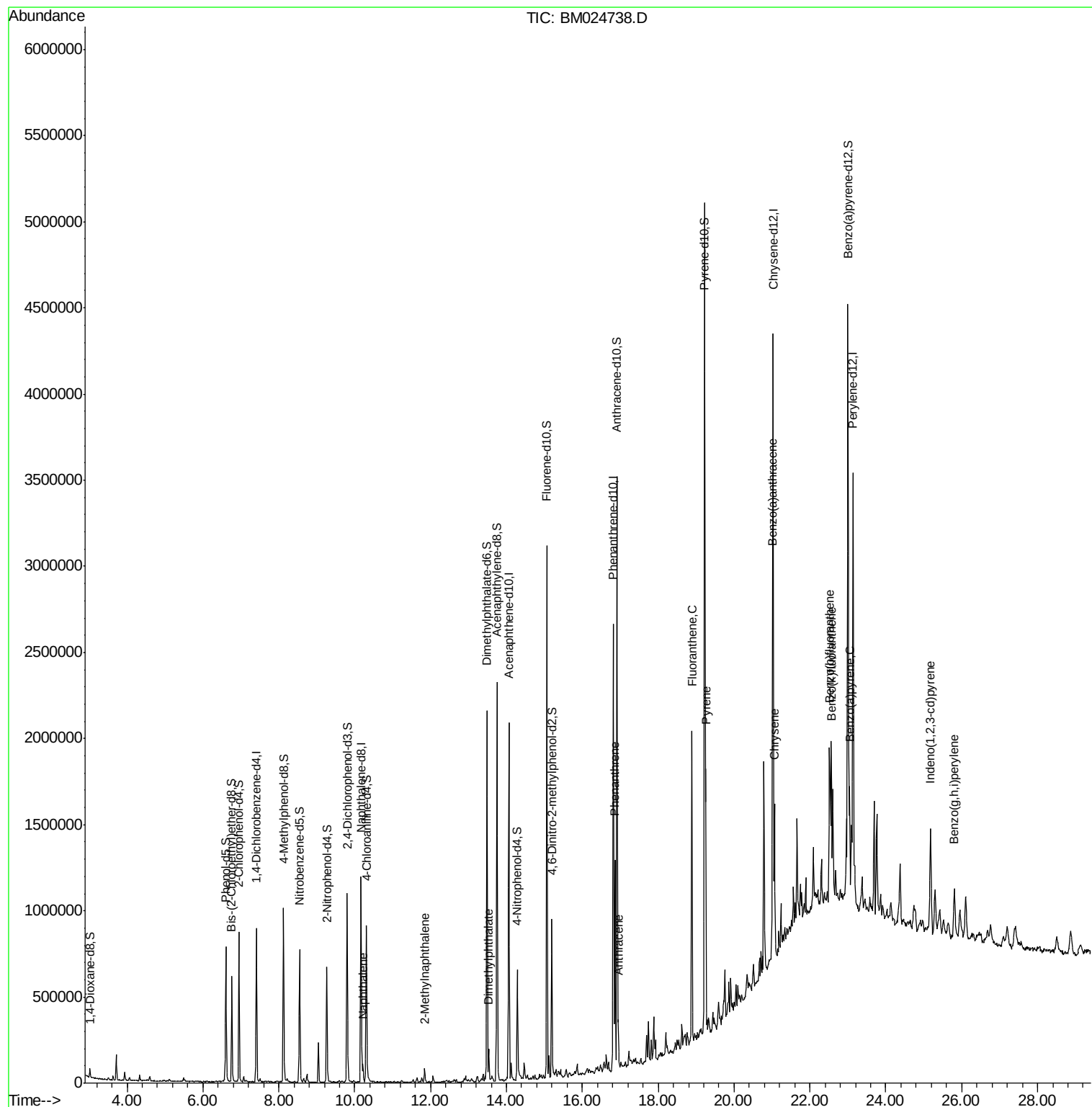
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024738.D
Acq On : 06 Feb 2020 21:26
Operator : CG/JU
Sample : L1398-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

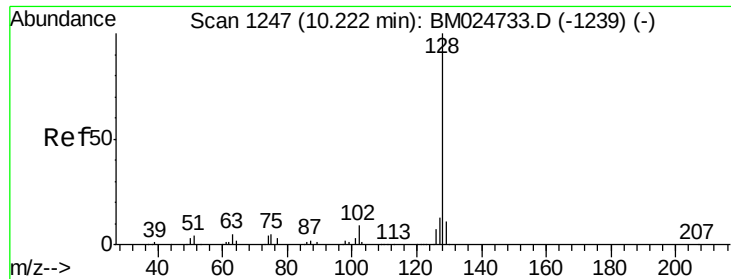
Instrument :
BNA_M
ClientSampled :
CB6D8

Quant Time: Feb 07 00:57:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
2/10/2020 8:21:50 AM





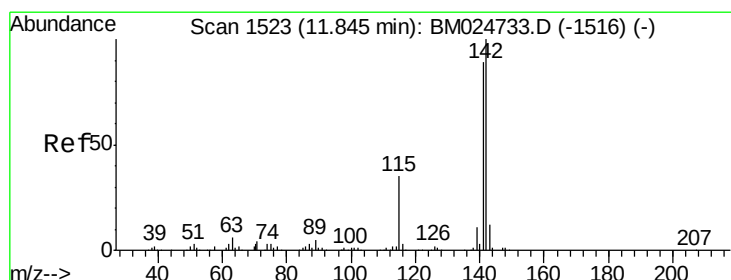
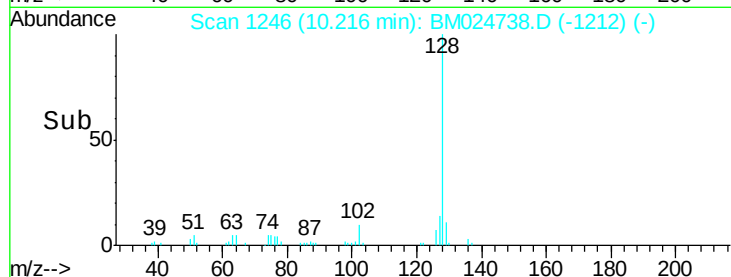
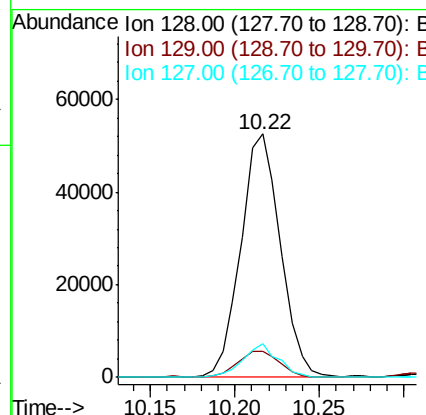
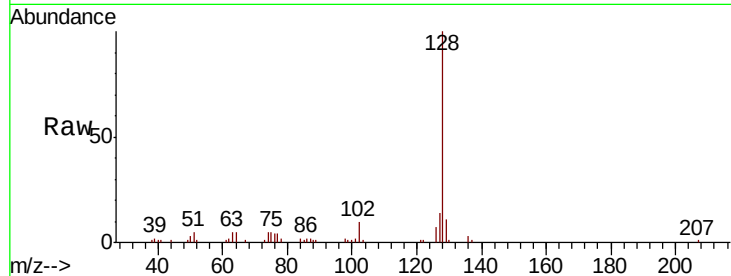
#28
Naphthalene
Concen: 1.651 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Instrument :
BNA_M
ClientSampleId :
CB6D8

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.6	10.4	15.6

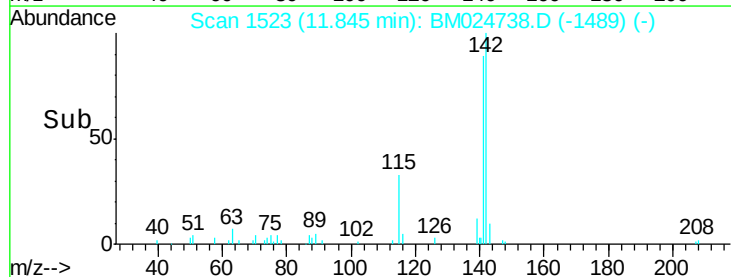
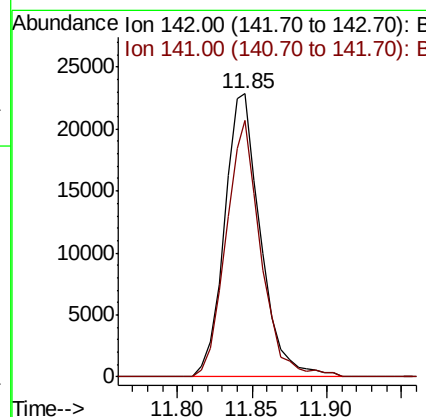
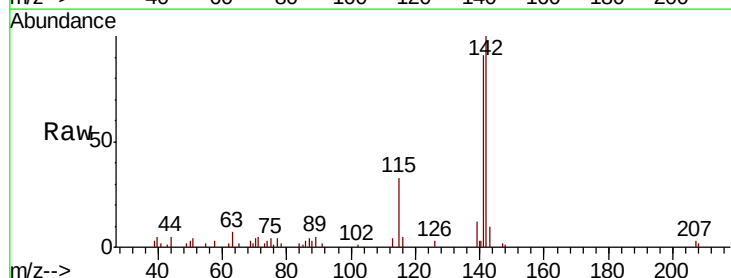
Manual Integrations
APPROVED

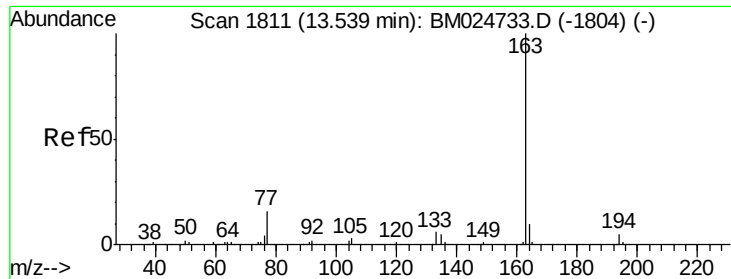
mohammad
2/10/2020 8:21:50 AM



#34
2-Methylnaphthalene
Concen: 1.007 ng/ul
RT: 11.85 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.5	105.7





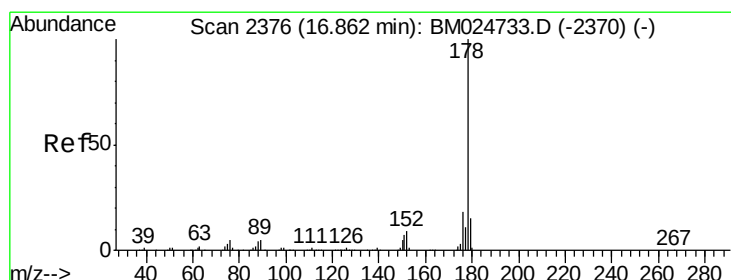
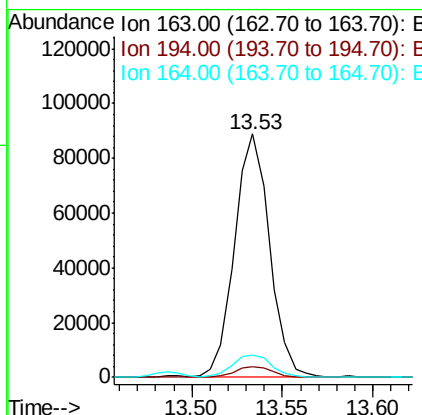
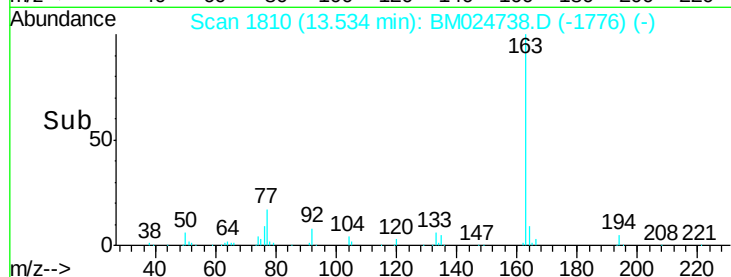
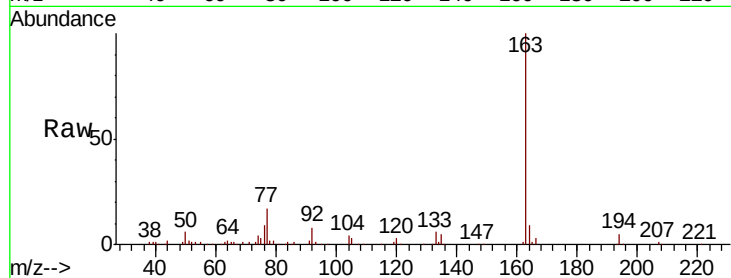
#45
Dimethylphthalate
Concen: 2.154 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Instrument :
BNA_M
ClientSampleId :
CB6D8

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.3	8.2	12.2

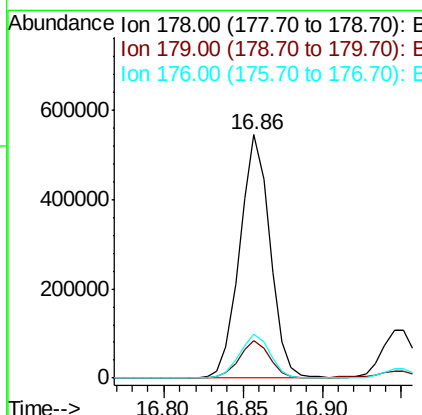
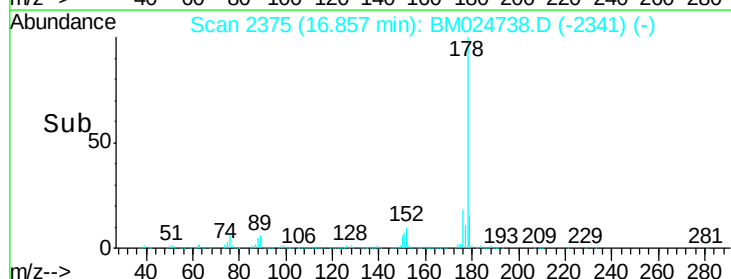
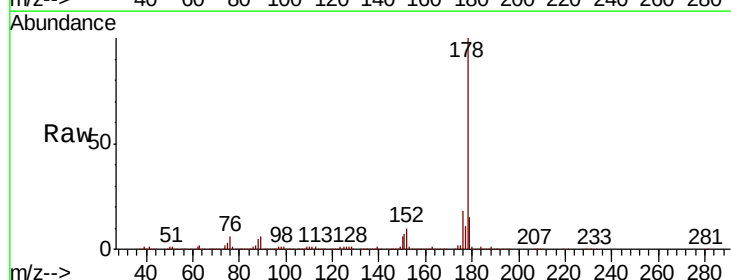
Manual Integrations
APPROVED

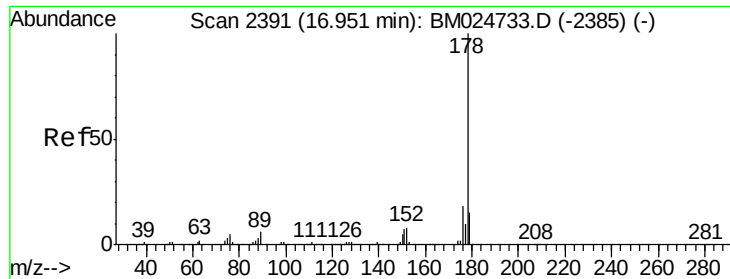
mohammad
2/10/2020 8:21:50 AM



#70
Phenanthrene
Concen: 8.462 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.2	14.5	21.7





#72

Anthracene

Concen: 1.822 ng/ul

RT: 16.95 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024738.D

Acq: 06 Feb 2020 21:26

Instrument :

BNA_M

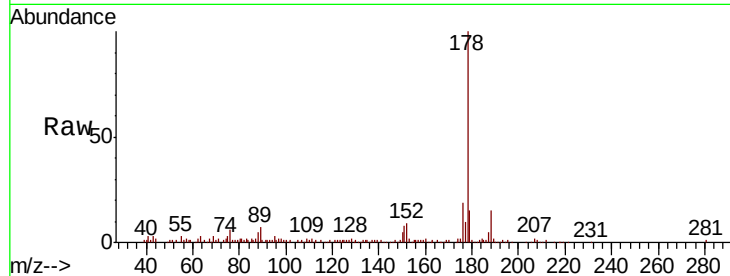
ClientSampled :

CB6D8

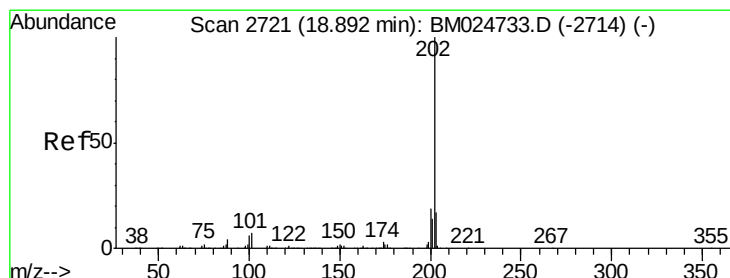
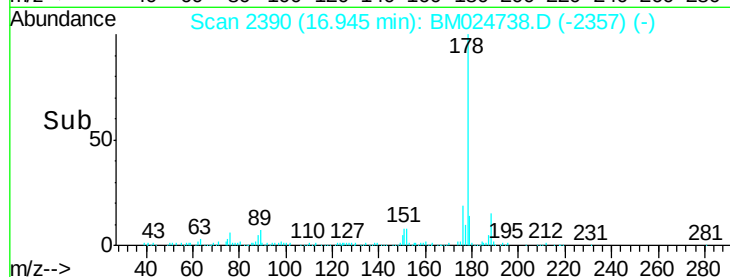
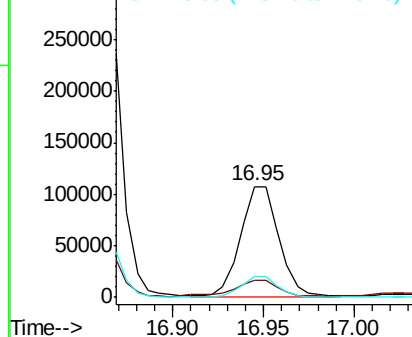
Tot Ion:	178	Resp:	157354
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	18.8	14.1	21.1

Manual Integrations
APPROVED

mohammad
2/10/2020 8:21:50 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: 10.516 ng/ul

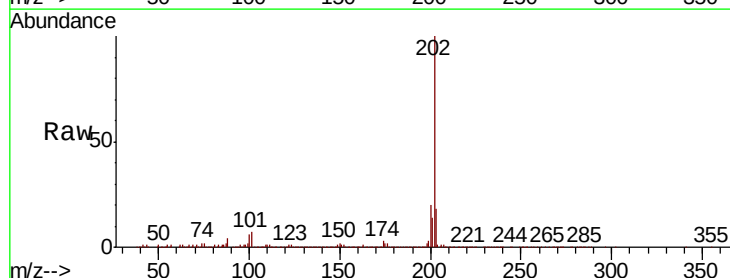
RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

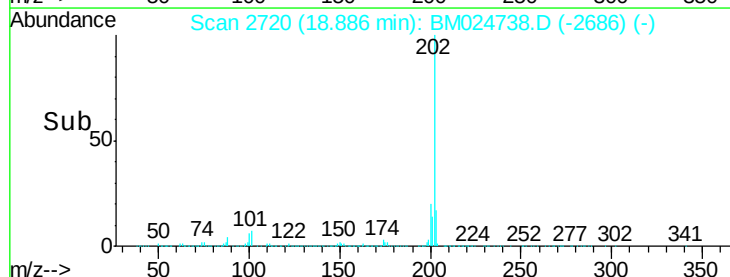
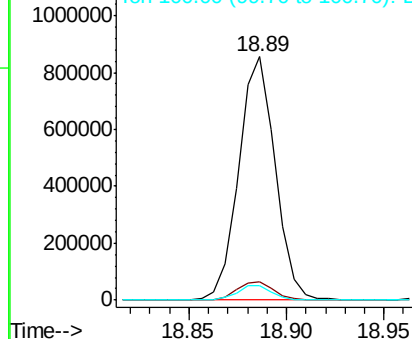
Lab File: BM024738.D

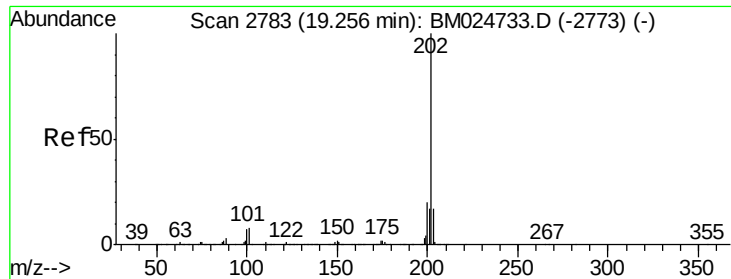
Acq: 06 Feb 2020 21:26

Tgt Ion:	202	Resp:	1099663
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.1	9.1
100	5.8	4.8	7.2



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





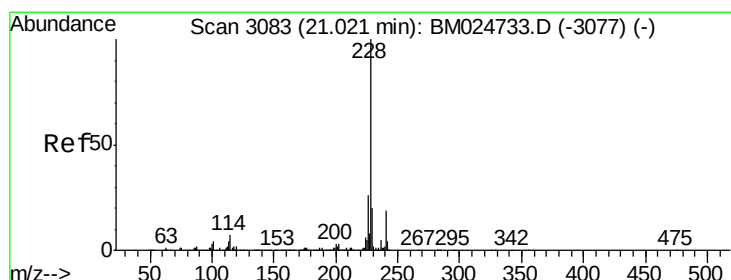
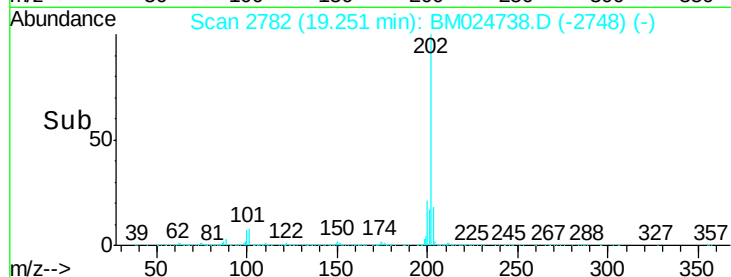
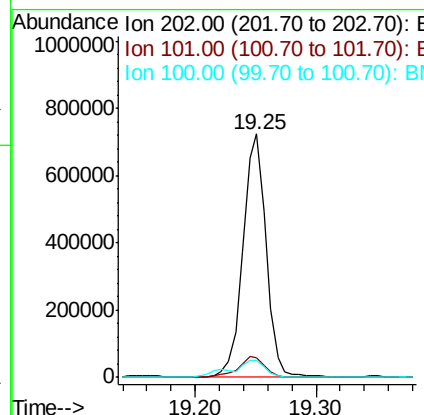
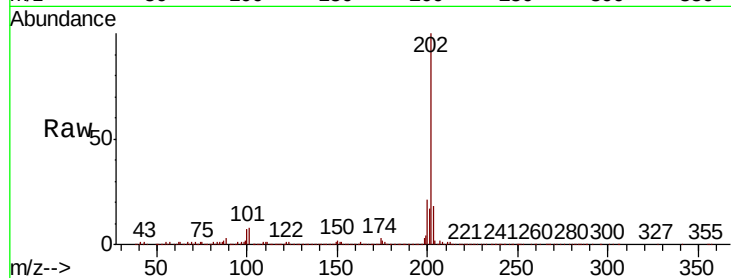
#80
Pvrene
Concen: 9.321 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Instrument :
BNA_M
ClientSampleID :
CB6D8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	7.0	10.4
100	7.0	5.8	8.8

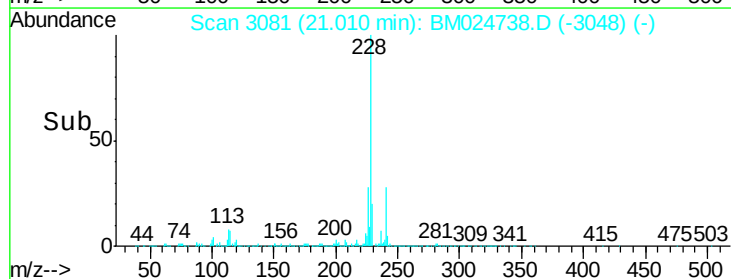
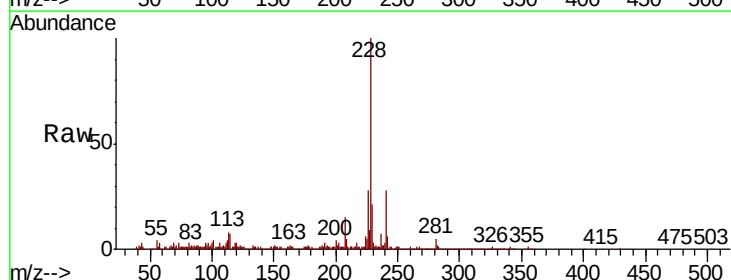
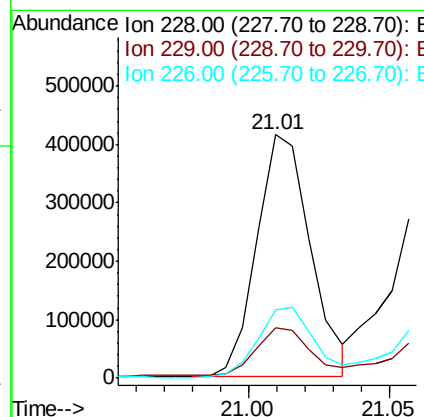
Manual Integrations
APPROVED

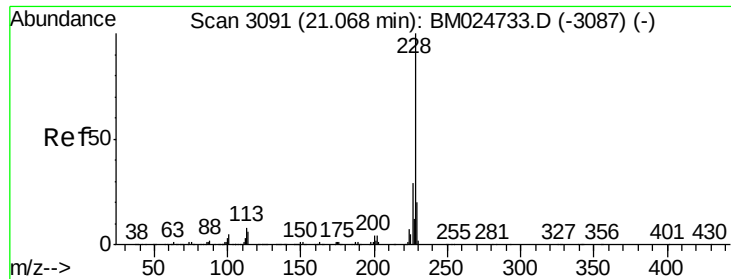
mohammad
2/10/2020 8:21:50 AM



#83
Benzo(a)anthracene
Concen: 5.216 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.9	23.9
226	28.2	20.8	31.2





#85

Chrysene

Concen: 5.194 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024738.D

Acq: 06 Feb 2020 21:26

Instrument :

BNA_M

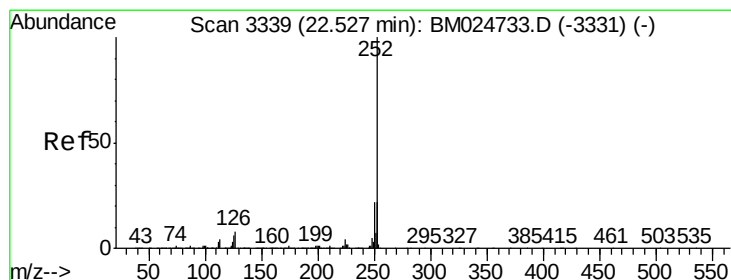
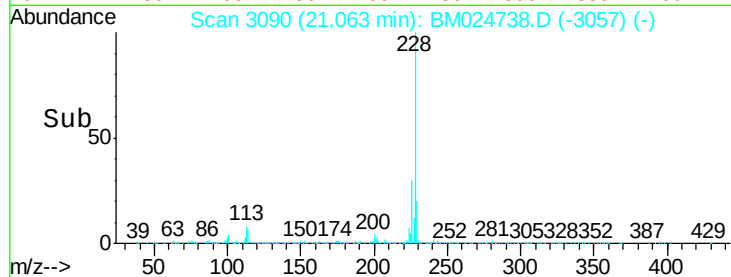
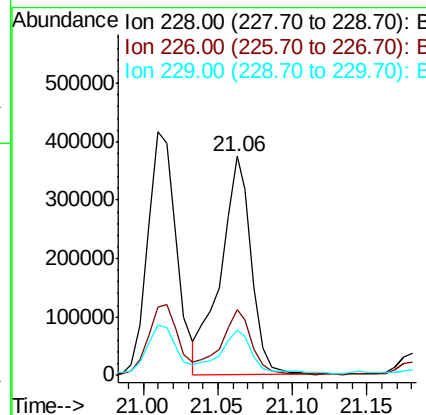
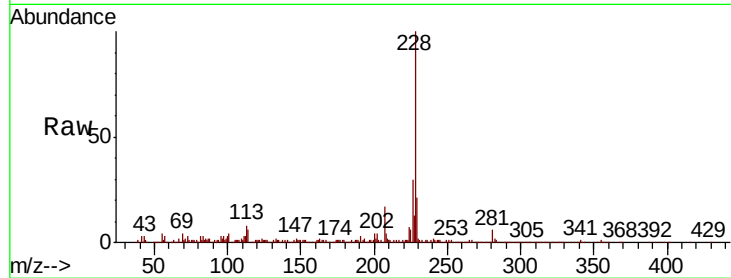
ClientSampled :

CB6D8

Tot Ion:	228	Resp:	539539
Ion Ratio		Lower	Upper
228	100		
226	29.9	23.0	34.4
229	20.6	15.8	23.8

Manual Integrations
APPROVED

mohammad
2/10/2020 8:21:50 AM



#88

Benzo(b)fluoranthene

Concen: 6.566 ng/ul

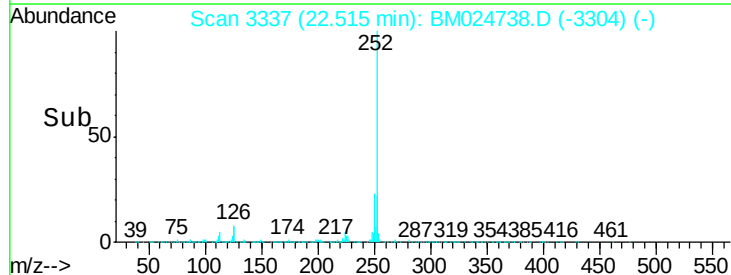
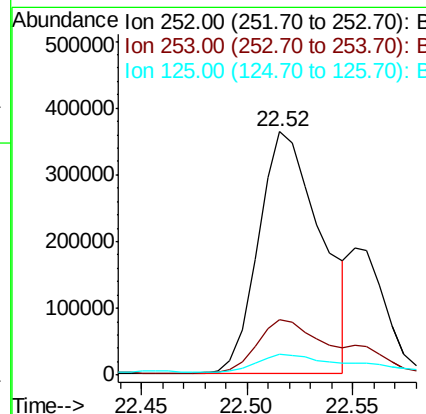
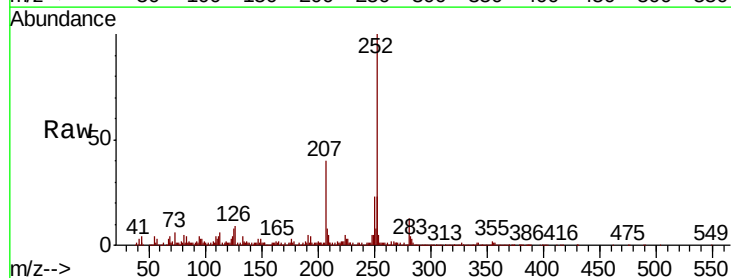
RT: 22.52 min Scan# 3337

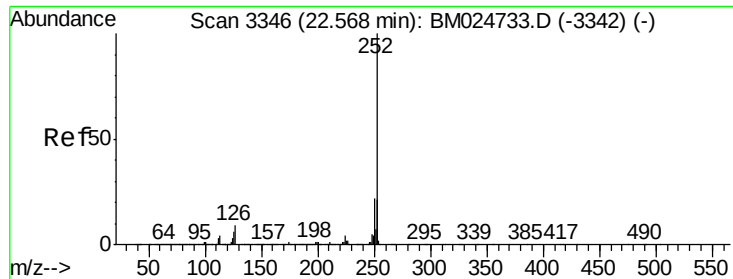
Delta R.T. -0.01 min

Lab File: BM024738.D

Acq: 06 Feb 2020 21:26

Tgt Ion:	252	Resp:	745823
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.3	25.9
125	8.4	5.1	7.7#





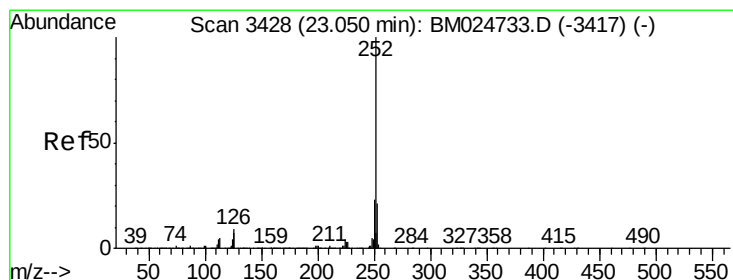
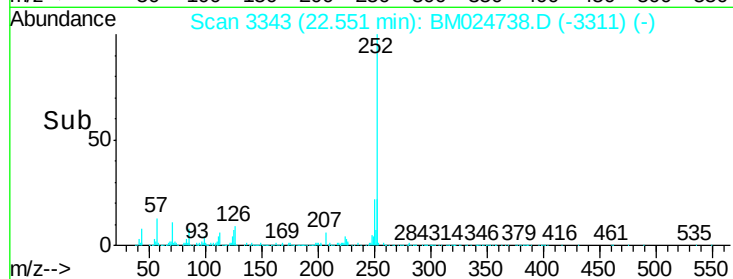
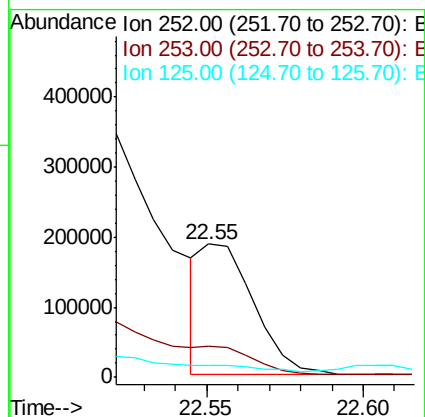
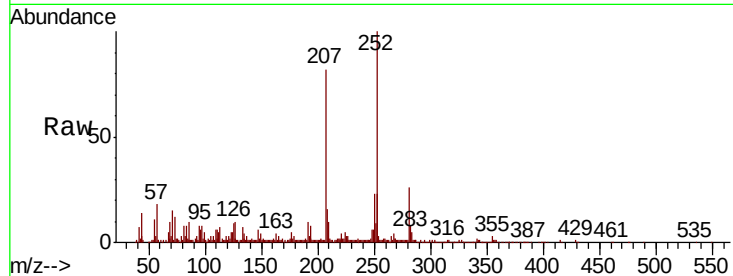
#89
Benzo(k)fluoranthene
Concen: 1.986 ng/ul m
RT: 22.55 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Instrument :
BNA_M
ClientSampled :
CB6D8

Tot Ion	Ratio	Resp	Lower	Upper
252	100	217126		
253	23.1	17.4	26.0	
125	9.0	5.1	7.7#	

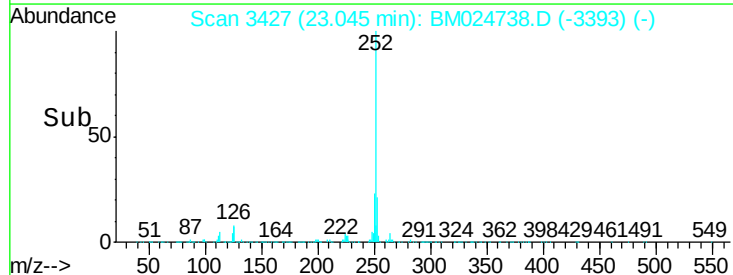
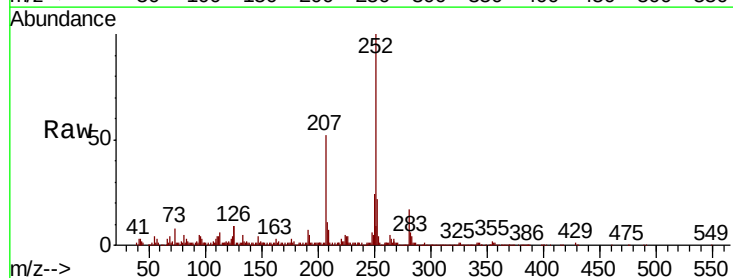
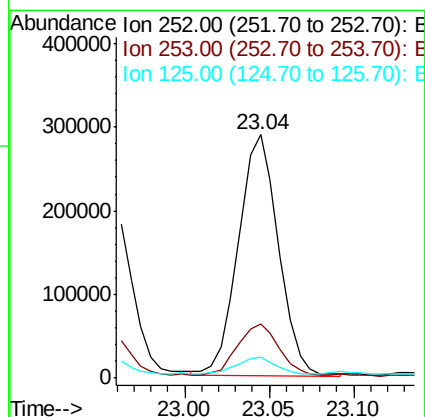
Manual Integrations
APPROVED

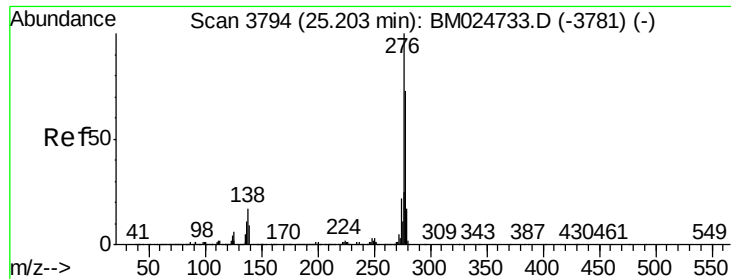
mohammad
2/10/2020 8:21:50 AM



#91
Benzo(a)pyrene
Concen: 4.685 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	477088		
253	22.1	17.5	26.3	
125	8.6	5.6	8.4#	





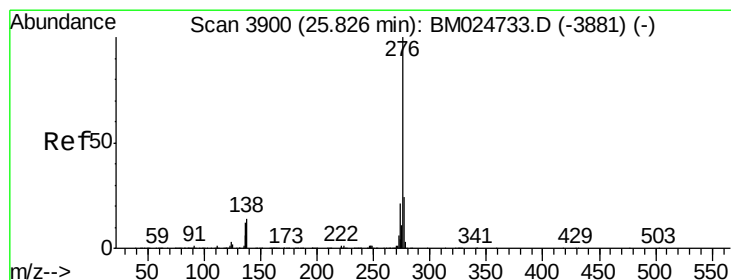
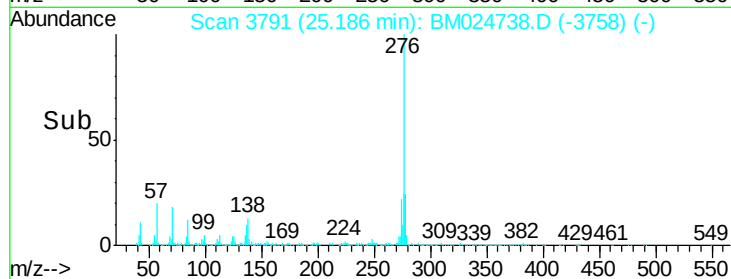
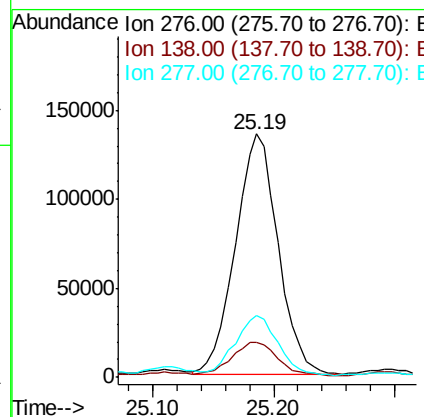
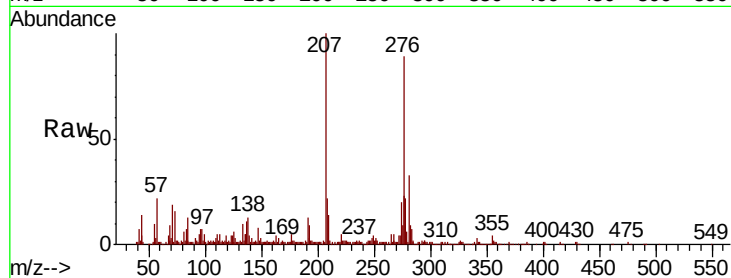
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.603 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Instrument :
BNA_M
ClientSampled :
CB6D8

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.8	19.2
277	25.4	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/10/2020 8:21:50 AM



#94
Benzo(g,h,i)perylene
Concen: 3.049 ng/ul
RT: 25.81 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM024738.D
Acq: 06 Feb 2020 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	11.8	17.6
277	24.4	19.0	28.6

