

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024760.D
 Acq On : 07 Feb 2020 13:44
 Operator : CG/JU
 Sample : L1399-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F7

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:37 AM

Quant Time: Feb 07 16:16:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	288820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1169838	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	802596	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1779285	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1698816	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1909647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	23053	3.84	ng/uL	0.00
5) Phenol-d5	6.60	99	388655	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	249856	23.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	360537	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	342688	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	186198	22.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	221895	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	384759	19.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	484596	25.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1395031	23.03	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1454350	20.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	192300	19.53	ng/ul	0.00
58) Fluorene-d10	15.06	176	1147608	21.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	218697	18.86	ng/ul	0.00
71) Anthracene-d10	16.92	188	1745155	21.49	ng/ul	0.00
79) Pyrene-d10	19.22	212	1984408	23.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2051579	21.39	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	16.86	178	420967	4.339 ng/ul	99
77) Fluoranthene	18.89	202	861335	7.232 ng/ul	100
80) Pyrene	19.25	202	719027	6.394 ng/ul	100
83) Benzo(a)anthracene	21.02	228	462751	4.044 ng/ul	98
85) Chrysene	21.07	228	448626	3.982 ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	624686	5.144 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	223822m	1.915 ng/ul	
91) Benzo(a)pyrene	23.04	252	365716	3.359 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.19	276	276099	2.037 ng/ul	99
94) Benzo(g,h,i)perylene	25.81	276	214355	1.902 ng/ul	98

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

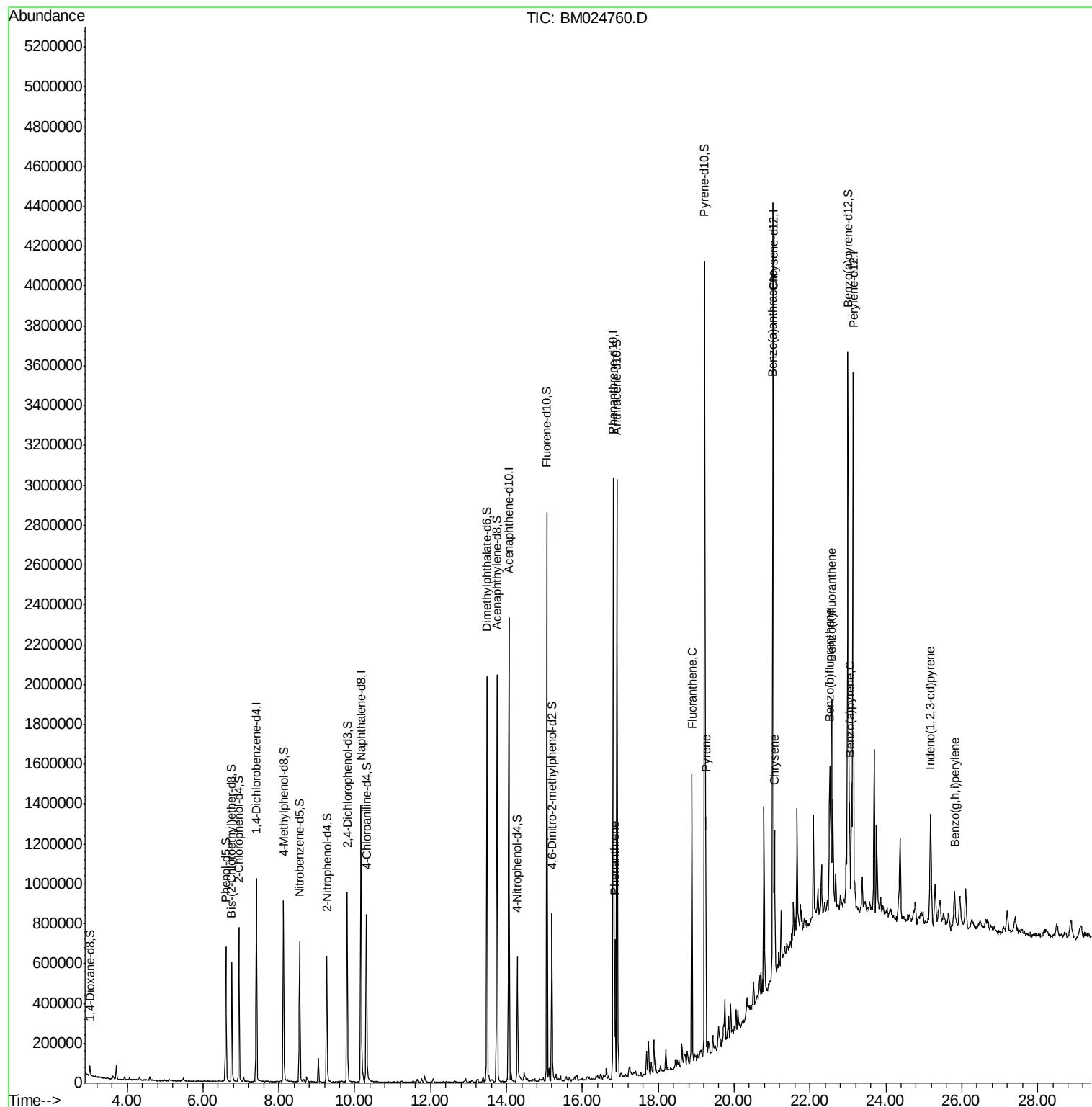
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024760.D
Acq On : 07 Feb 2020 13:44
Operator : CG/JU
Sample : L1399-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

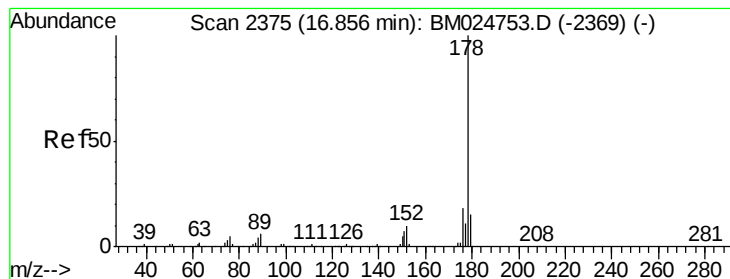
Instrument :
BNA_M
ClientSampleID :
CB6F7

Quant Time: Feb 07 16:16:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:37 AM





#70

Phenanthrene

Concen: 4.339 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024760.D

Acq: 07 Feb 2020 13:44

Instrument :

BNA_M

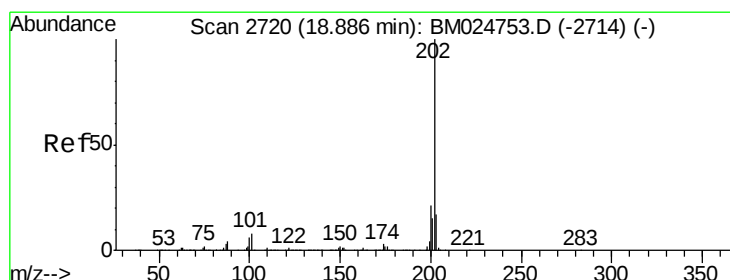
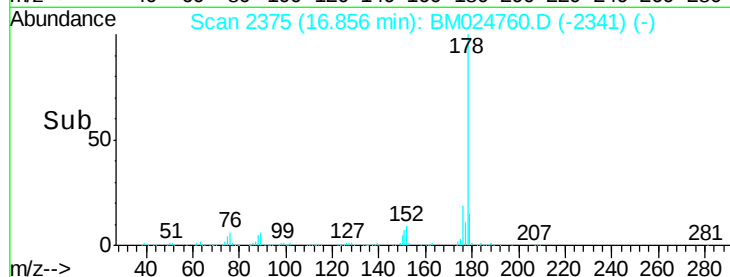
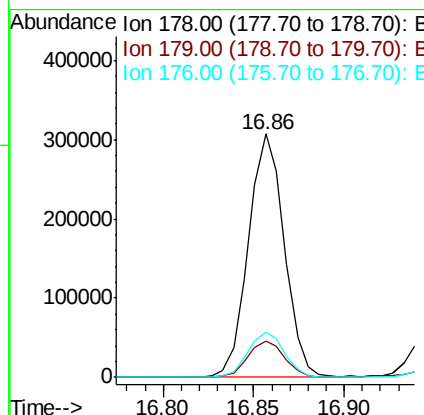
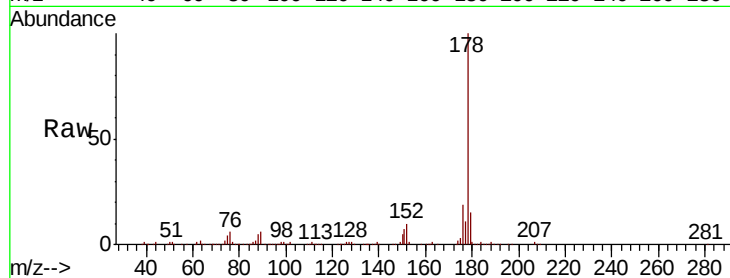
ClientSampleId :

CB6F7

Tot Ion:	178	Resp:	420967
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.2
176	18.6	14.5	21.7

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:37 AM



#77

Fluoranthene

Concen: 7.232 ng/ul

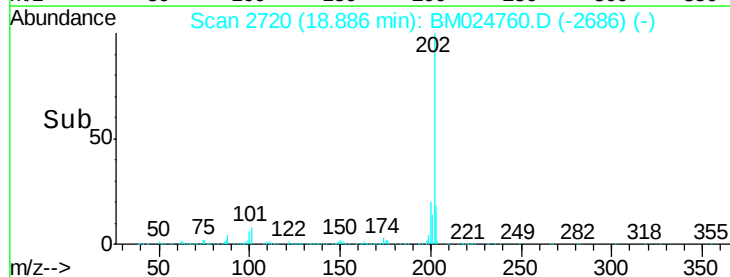
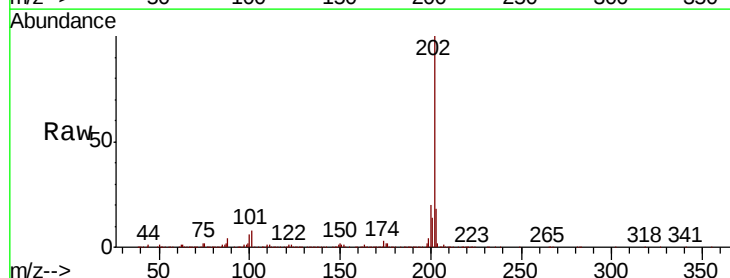
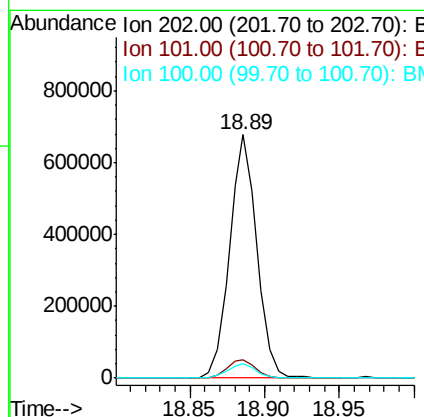
RT: 18.89 min Scan# 2720

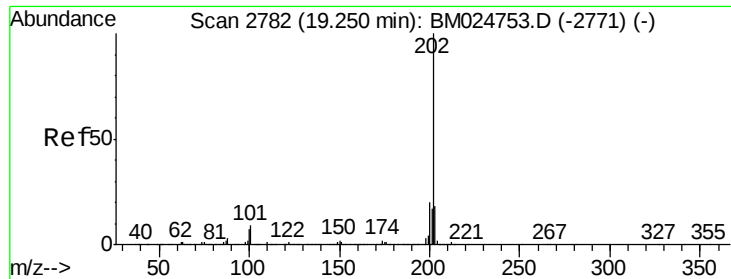
Delta R.T. 0.00 min

Lab File: BM024760.D

Acq: 07 Feb 2020 13:44

Tgt Ion:	202	Resp:	861335
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.1	9.1
100	6.1	4.8	7.2





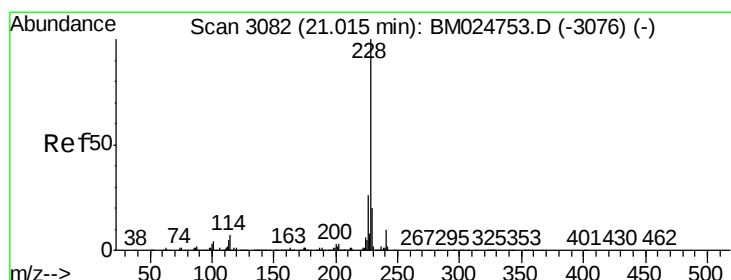
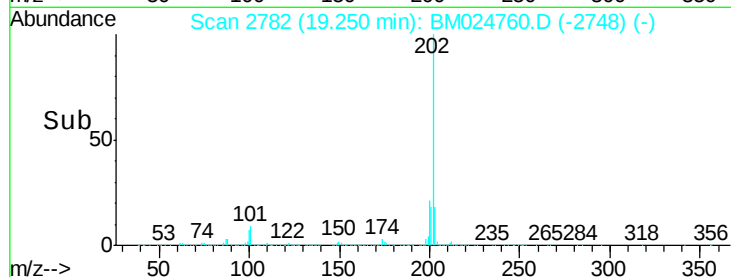
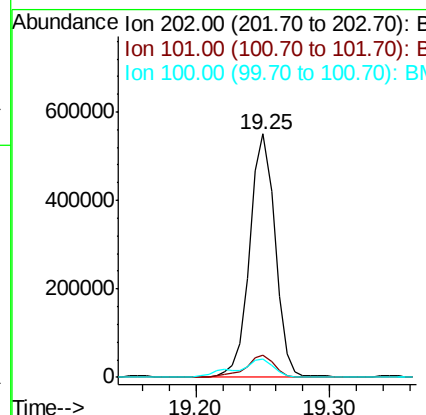
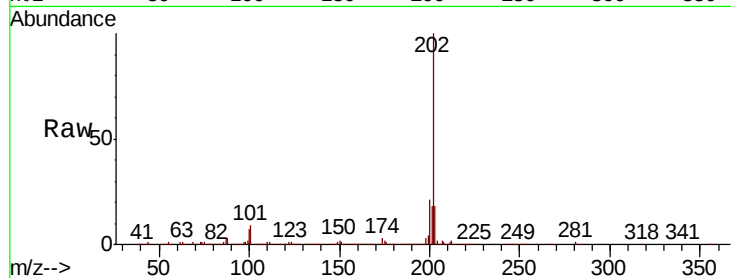
#80
Pvrene
Concen: 6.394 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Instrument :
BNA_M
ClientSampleId :
CB6F7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	719027		
101	8.9	7.0	10.4	
100	7.3	5.8	8.8	

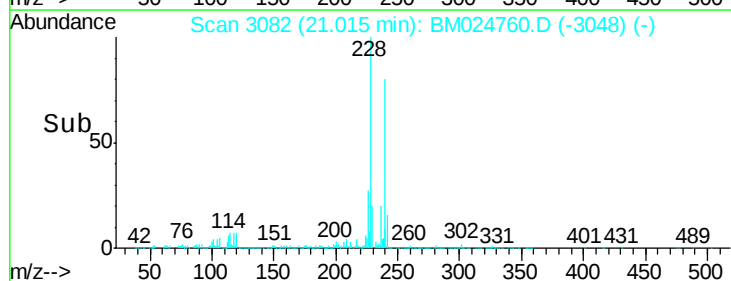
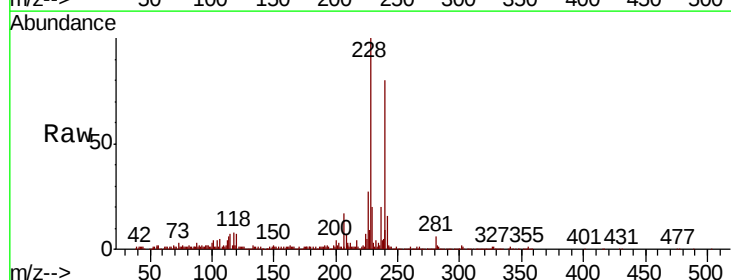
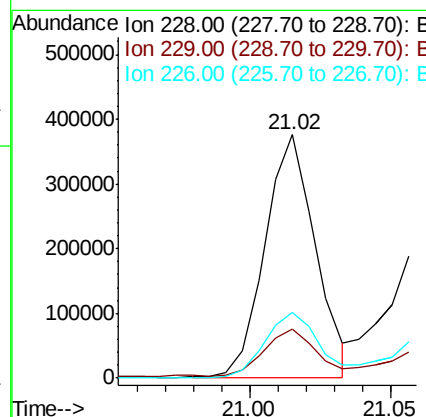
Manual Integrations
APPROVED

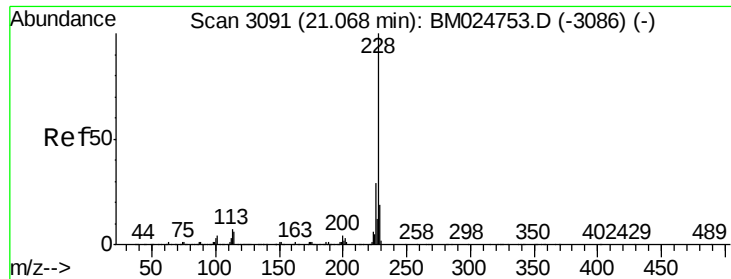
mohammad
2/10/2020 8:22:37 AM



#83
Benzo(a)anthracene
Concen: 4.044 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	462751		
229	20.1	15.9	23.9	
226	27.2	20.8	31.2	





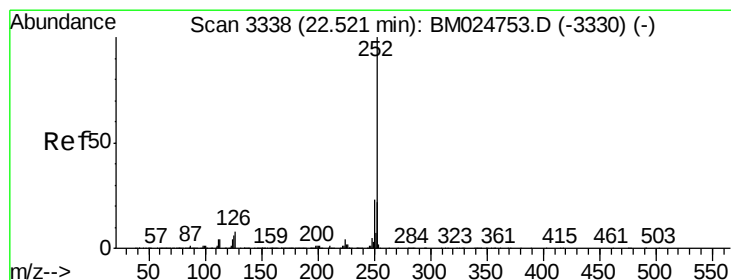
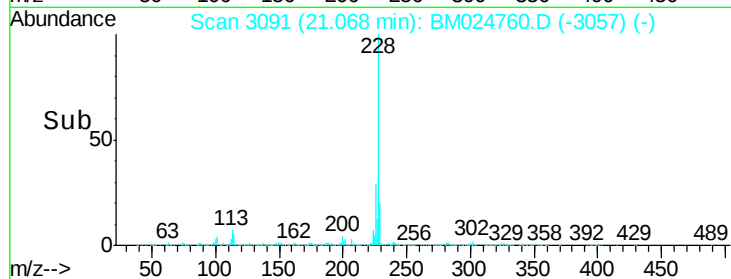
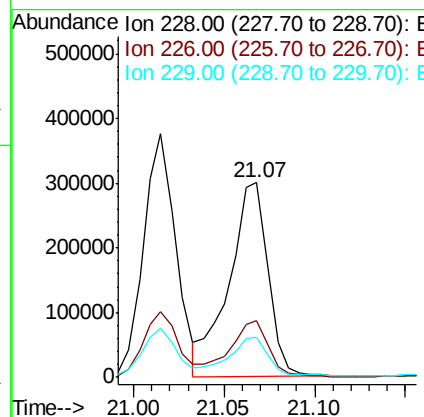
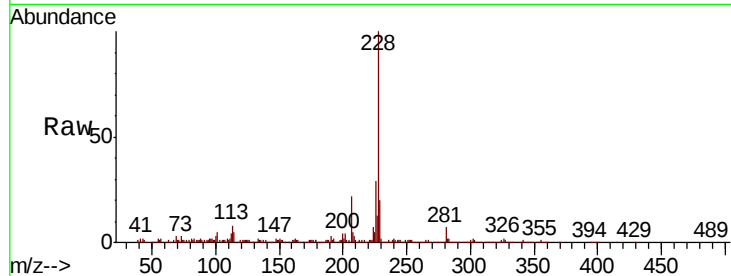
#85
Chrysene
Concen: 3.982 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Instrument :
BNA_M
ClientSampled :
CB6F7

Tot Ion:	228	Resp:	448626
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.0	34.4
229	20.3	15.8	23.8

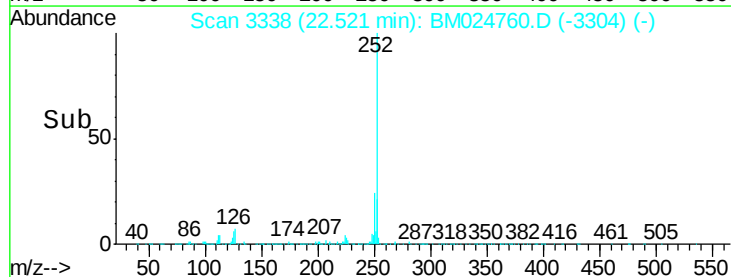
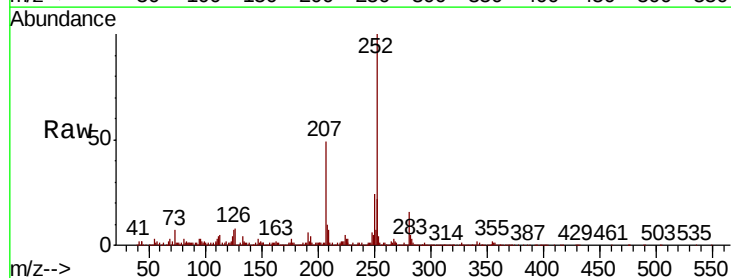
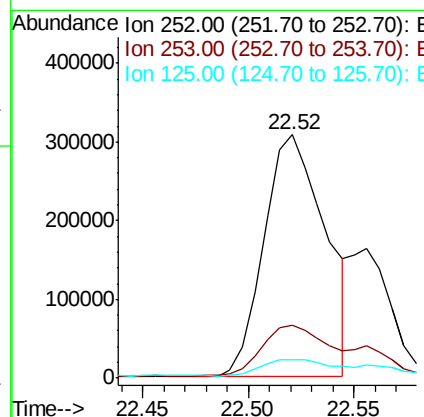
Manual Integrations
APPROVED

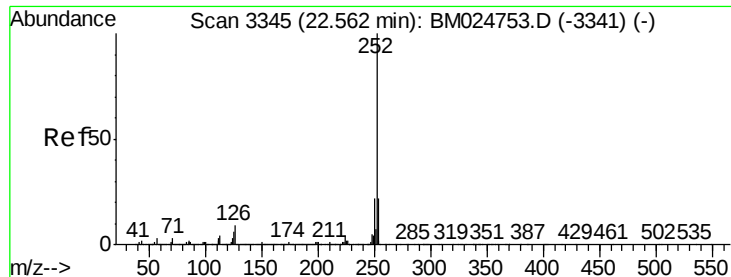
mohammad
2/10/2020 8:22:37 AM



#88
Benzo(b)fluoranthene
Concen: 5.144 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Tgt Ion:	252	Resp:	624686
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.5	5.1	7.7





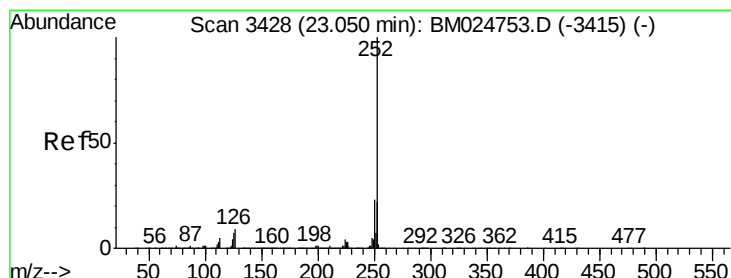
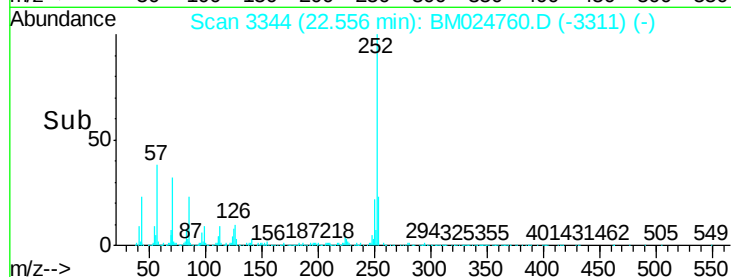
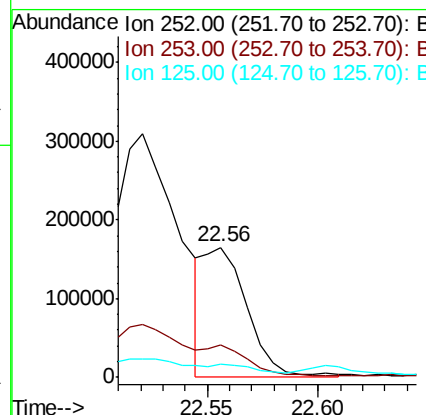
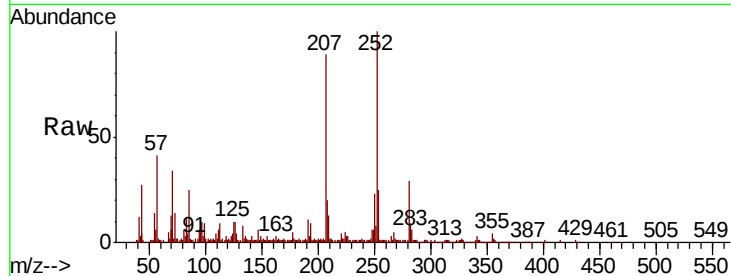
#89
Benzo(k)fluoranthene
Concen: 1.915 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Instrument :
BNA_M
ClientSampleId :
CB6F7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	10.1	5.1	7.7#

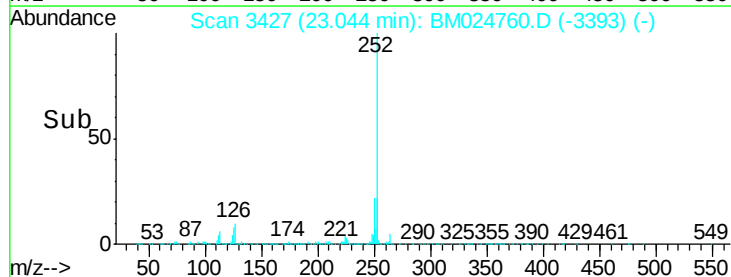
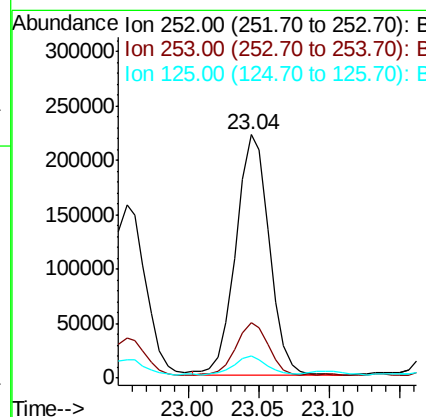
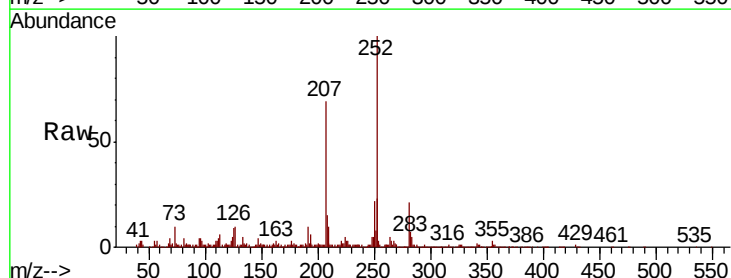
Manual Integrations
APPROVED

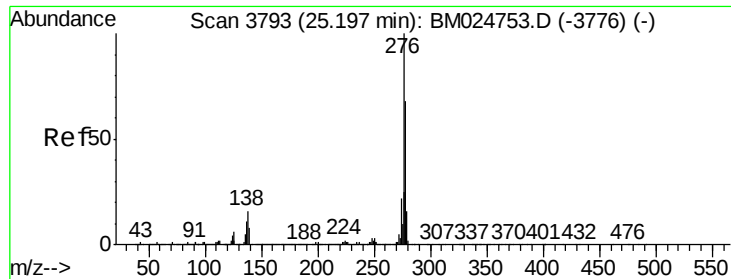
mohammad
2/10/2020 8:22:37 AM



#91
Benzo(a)pyrene
Concen: 3.359 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.1	5.6	8.4#





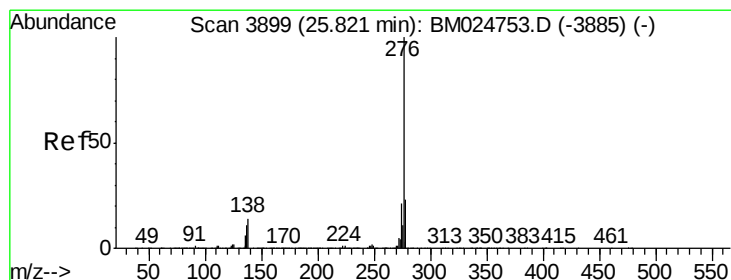
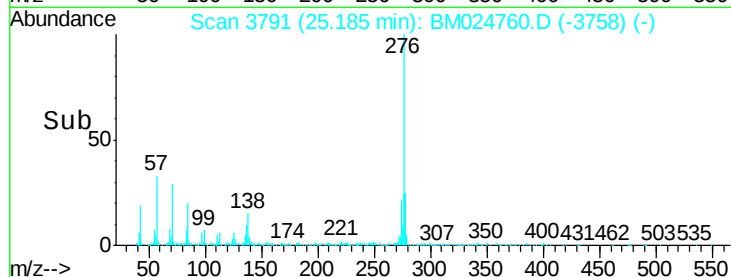
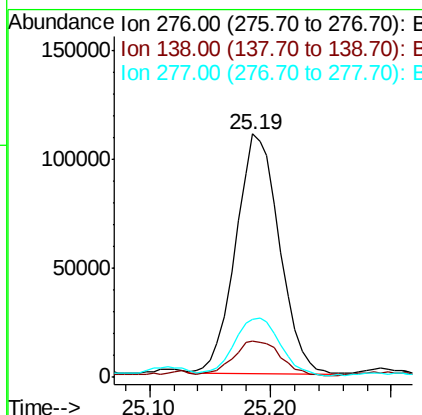
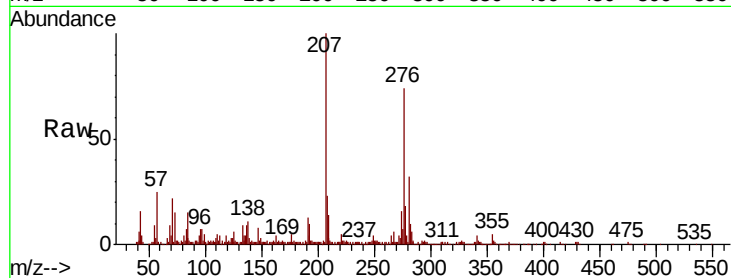
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.037 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Instrument :
BNA_M
ClientSampleId :
CB6F7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.8	19.2
277	24.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:37 AM



#94
Benzo(g,h,i)perylene
Concen: 1.902 ng/ul
RT: 25.81 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM024760.D
Acq: 07 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	11.8	17.6
277	25.2	19.0	28.6

