

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024915.D
 Acq On : 17 Feb 2020 20:29
 Operator : CG/JU
 Sample : L1324-14MEDL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAT69MEDL

Manual Integrations
 APPROVED

mohammad
 2/18/2020 3:17:49 PM

Quant Time: Feb 18 01:53:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 06:02:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	352693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1267204	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	759852	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1546765	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1615394	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1732593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	5587m	0.76	ng/uL	0.00
5) Phenol-d5	6.59	99	94894	4.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	61868	4.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	85180	4.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	68873	3.48	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	36071	3.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	40186	3.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	73356	3.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	48755	2.39	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	221378	3.86	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	308489	4.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	17880m	1.92	ng/ul	0.02
58) Fluorene-d10	15.04	176	225126	4.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	19410	1.93	ng/ul	0.00
71) Anthracene-d10	16.89	188	332230	4.71	ng/ul	0.00
79) Pyrene-d10	19.20	212	393844	4.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	421599	4.84	ng/ul	0.00

Target Compounds

				Ovalue	
48) Acenaphthylene	13.75	152	365125	5.262	ng/ul 99
72) Anthracene	16.93	178	151243	1.768	ng/ul 100
77) Fluoranthene	18.86	202	1077781m	10.410	ng/ul
80) Pyrene	19.23	202	3388614m	31.691	ng/ul
83) Benzo(a)anthracene	20.99	228	1227686m	11.283	ng/ul
85) Chrysene	21.04	228	957119	8.934	ng/ul 99
88) Benzo(b)fluoranthene	22.50	252	1032844	9.375	ng/ul# 98
89) Benzo(k)fluoranthene	22.53	252	286974m	2.706	ng/ul
91) Benzo(a)pyrene	23.02	252	896085	9.072	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	25.14	276	443770	3.609	ng/ul 99
93) Dibenzo(a,h)anthracene	25.15	278	134729	1.286	ng/ul# 96
94) Benzo(g,h,i)perylene	25.76	276	405879	3.969	ng/ul 99

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

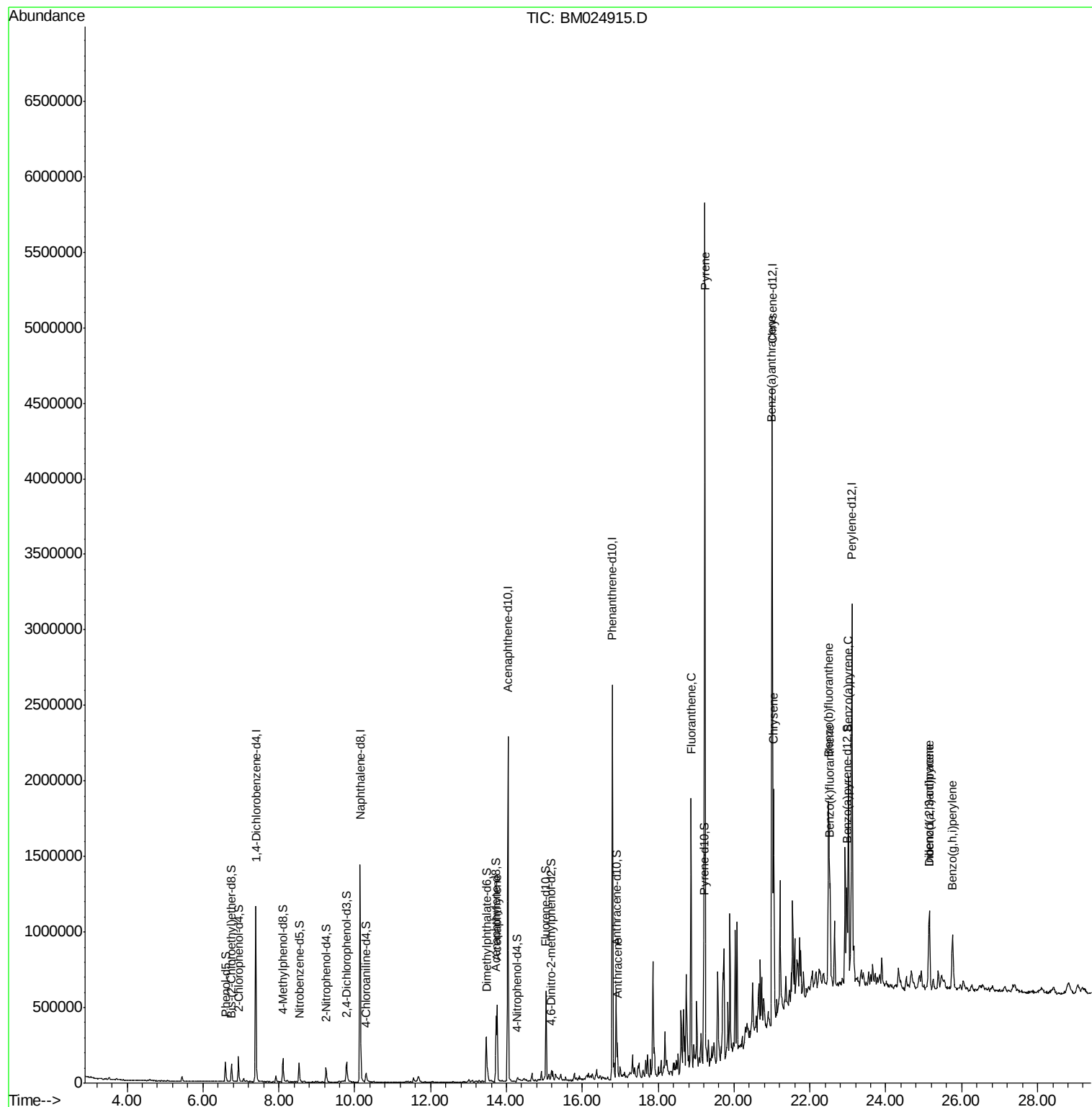
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

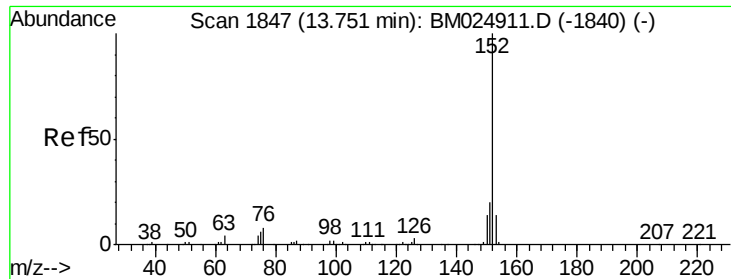
Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Manual Integrations
APPROVED

mohammad
2/18/2020 3:17:49 PM

Quant Time: Feb 18 01:53:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration





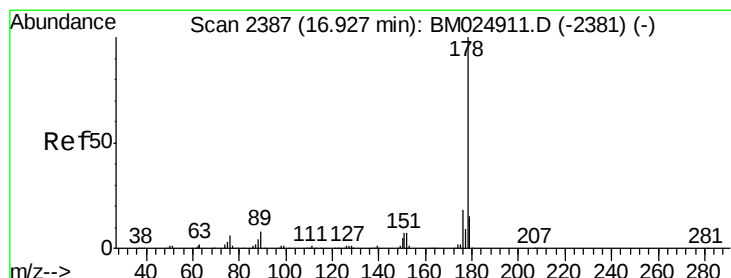
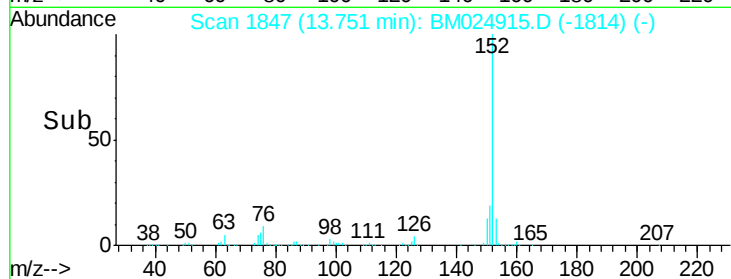
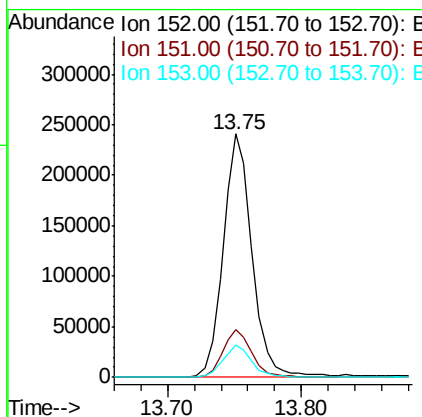
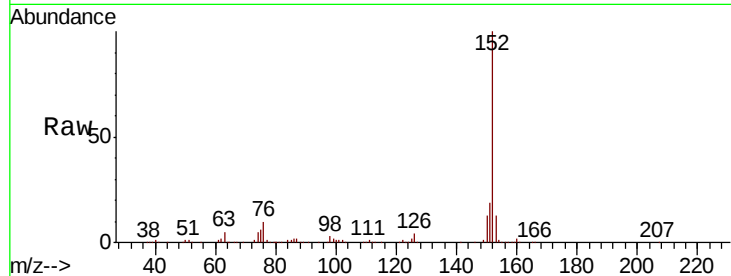
#48
Acenaphthylene
Concen: 5.262 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	365125		
151	19.5		15.1	22.7
153	13.2		10.1	15.1

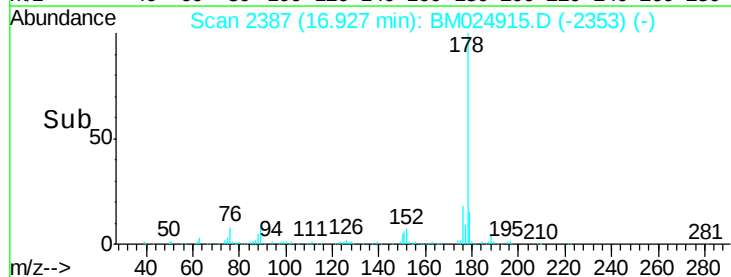
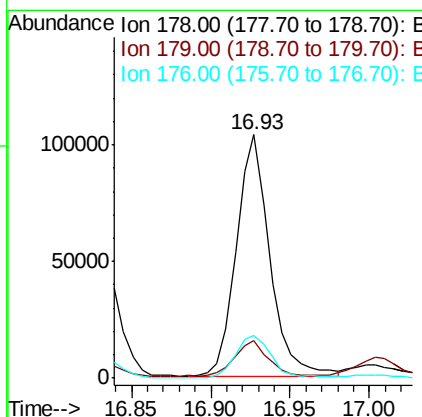
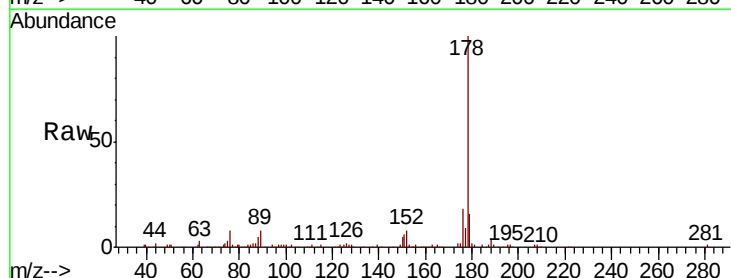
Manual Integrations
APPROVED

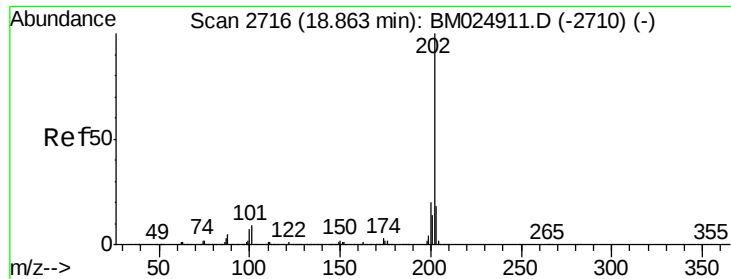
mohammad
2/18/2020 3:17:49 PM



#72
Anthracene
Concen: 1.768 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	151243		
179	15.5		12.3	18.5
176	17.8		14.1	21.1





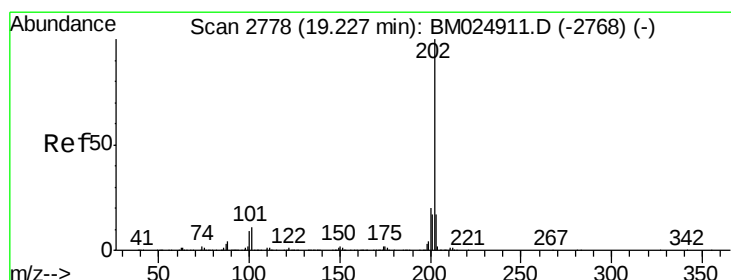
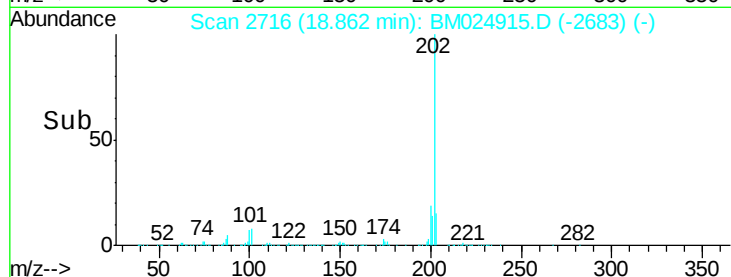
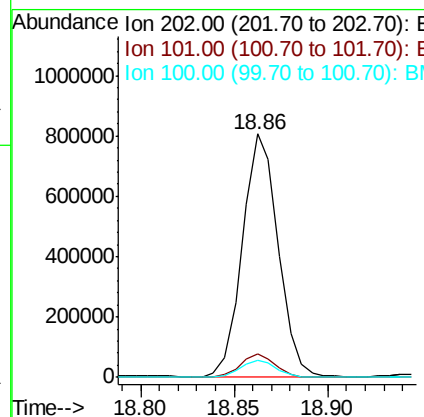
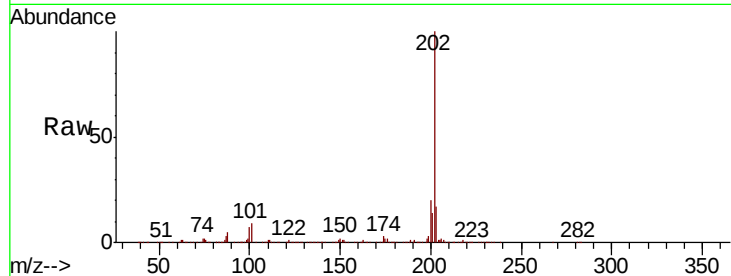
#77
Fluoranthene
 Concen: 10.410 ng/ul m
 RT: 18.86 min Scan# 2716
 Delta R.T. -0.01 min
 Lab File: BM024915.D
 Acq: 17 Feb 2020 20:29

Instrument :
 BNA_M
 ClientSampled :
 GAT69MEDL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.1	9.1#
100	7.1	4.8	7.2

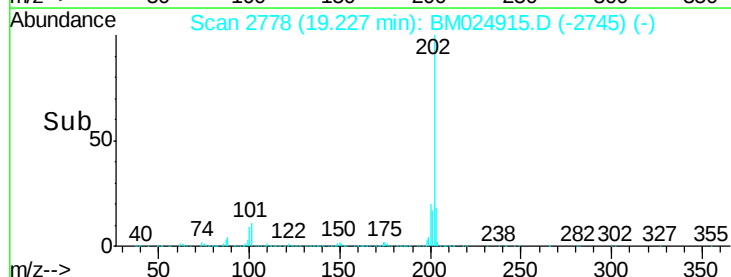
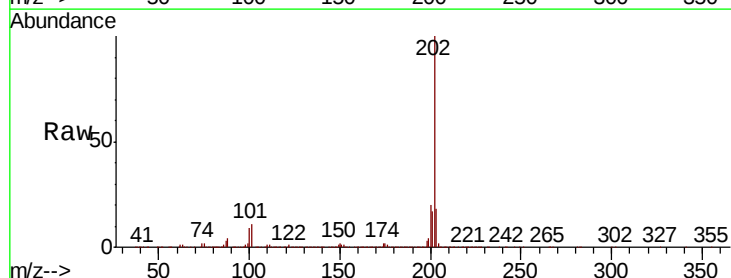
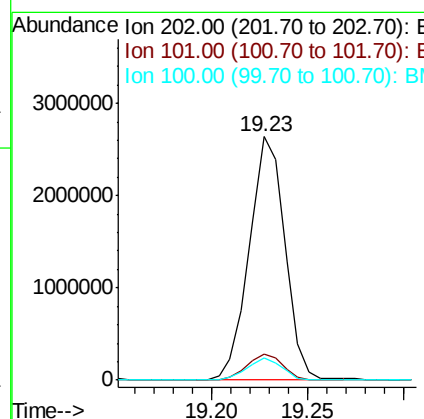
Manual Integrations
 APPROVED

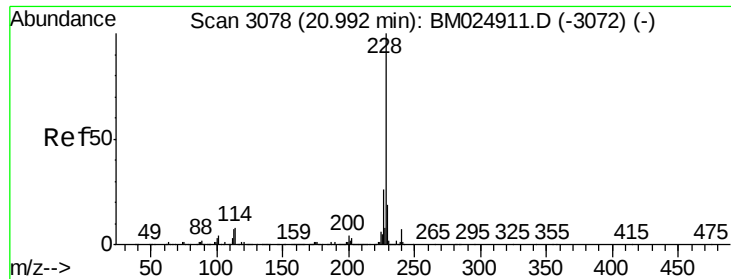
mohammad
 2/18/2020 3:17:49 PM



#80
Pyrene
 Concen: 31.691 ng/ul m
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024915.D
 Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.0	10.4#
100	8.9	5.8	8.8#





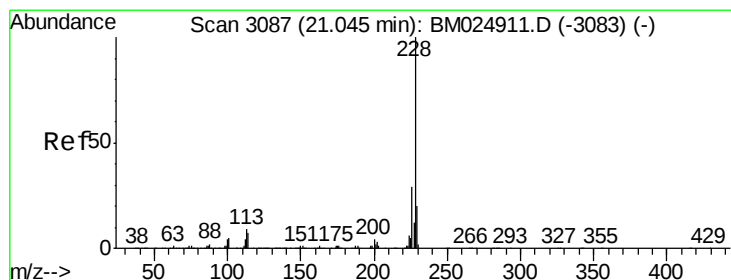
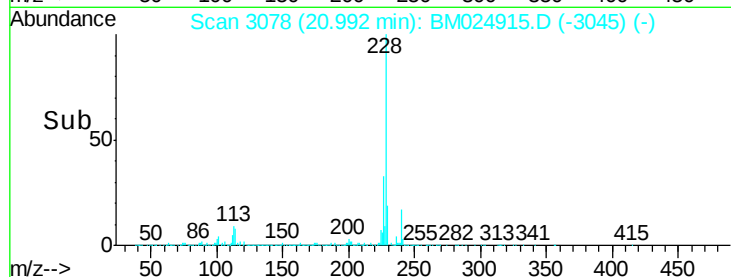
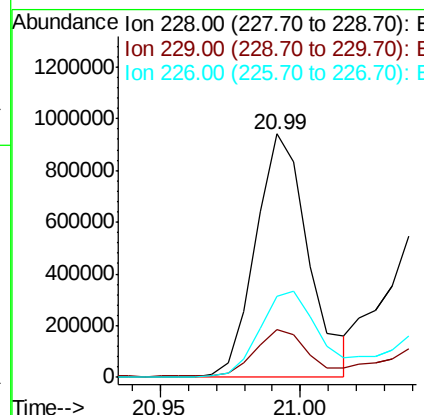
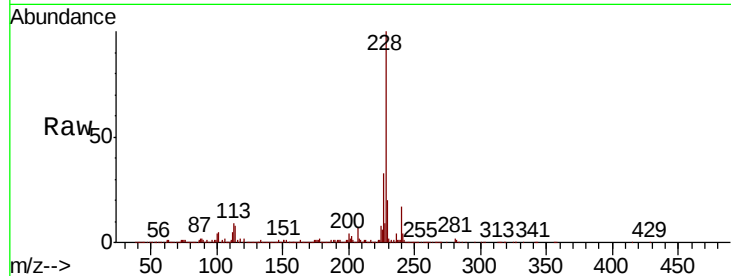
#83
Benzo(a)anthracene
Concen: 11.283 ng/ul m
RT: 20.99 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	33.4	20.8	31.2

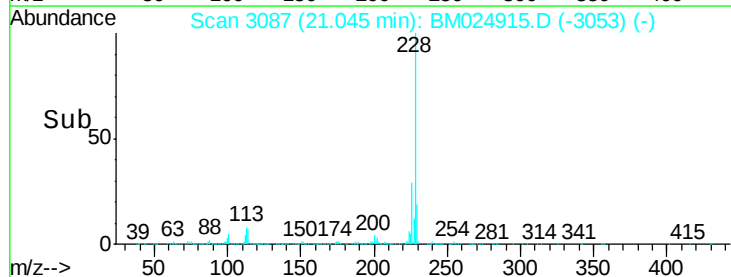
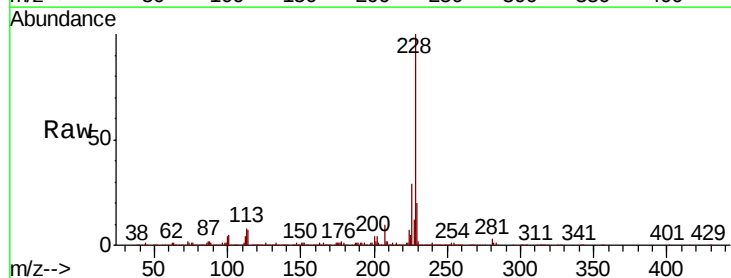
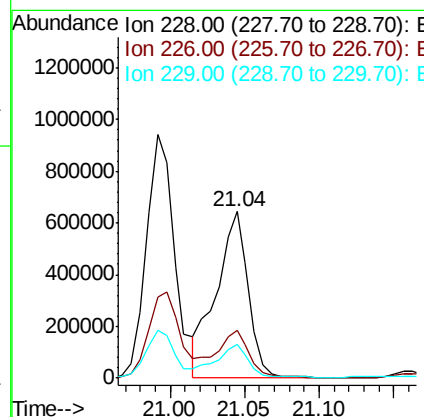
Manual Integrations
APPROVED

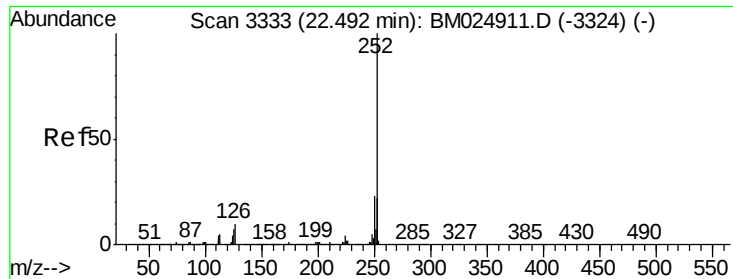
mohammad
2/18/2020 3:17:49 PM



#85
Chrysene
Concen: 8.934 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.0	15.8	23.8





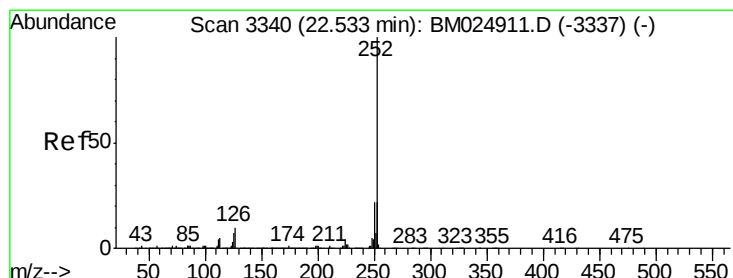
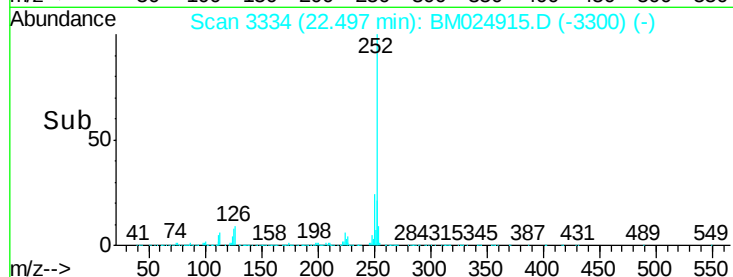
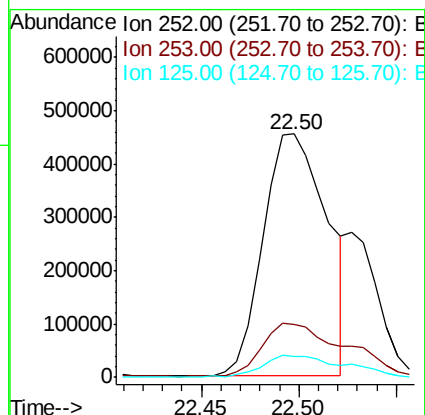
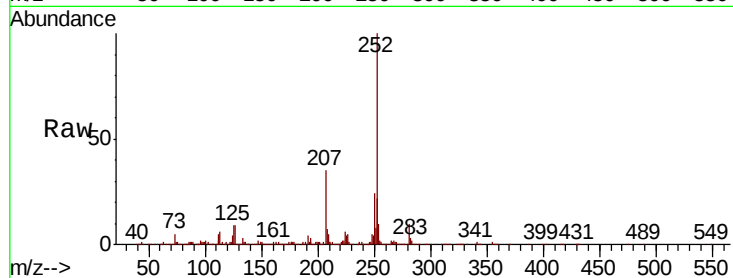
#88
Benzo(b)fluoranthene
Concen: 9.375 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.8	5.1	7.7#

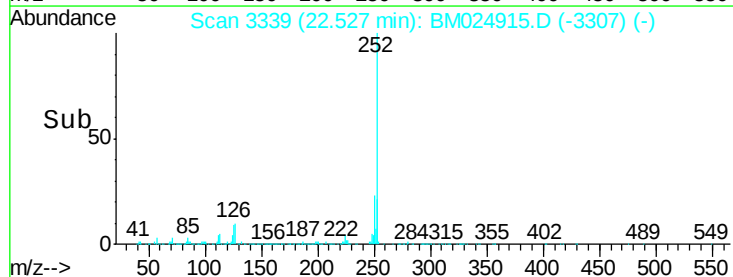
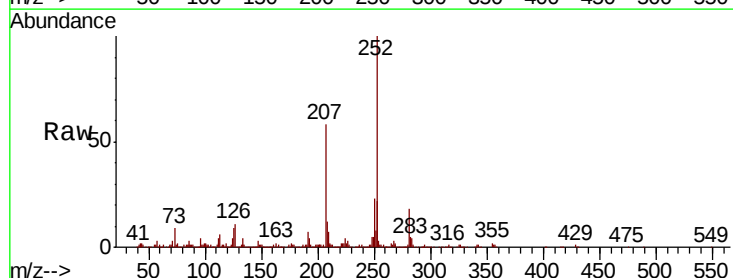
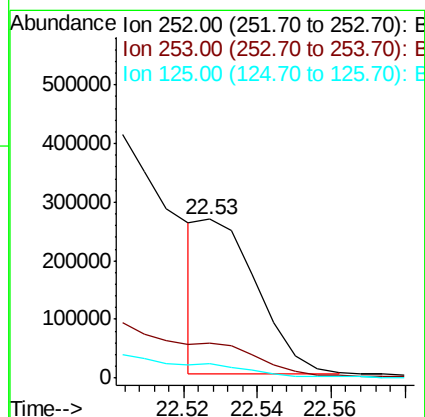
Manual Integrations
APPROVED

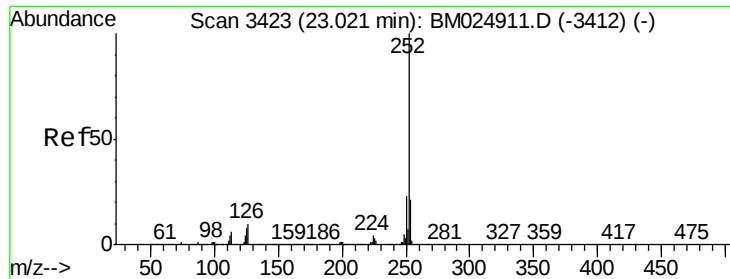
mohammad
2/18/2020 3:17:49 PM



#89
Benzo(k)fluoranthene
Concen: 2.706 ng/ul m
RT: 22.53 min Scan# 3339
Delta R.T. -0.01 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.0	5.1	7.7#





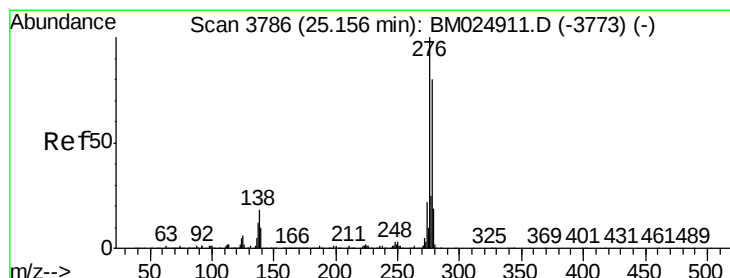
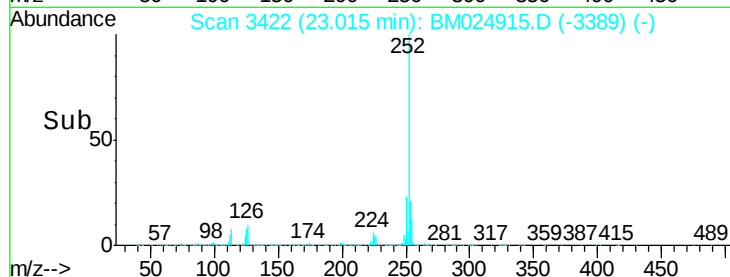
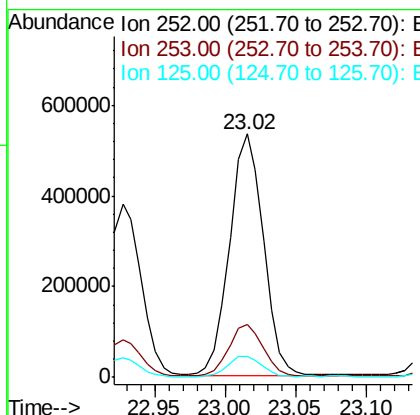
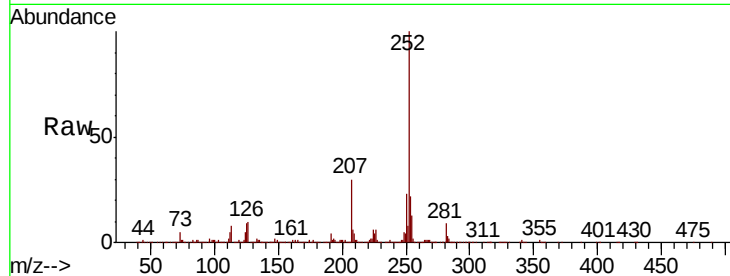
#91
Benzo(a)pyrene
Concen: 9.072 ng/ul
RT: 23.02 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.6	5.6	8.4

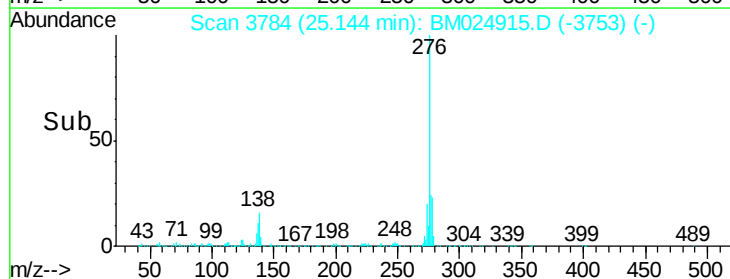
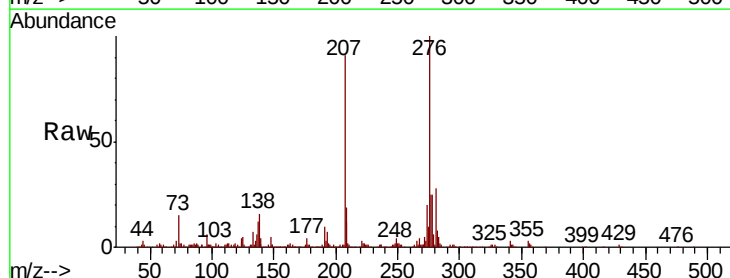
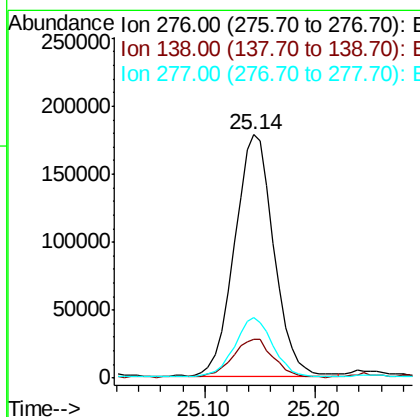
Manual Integrations
APPROVED

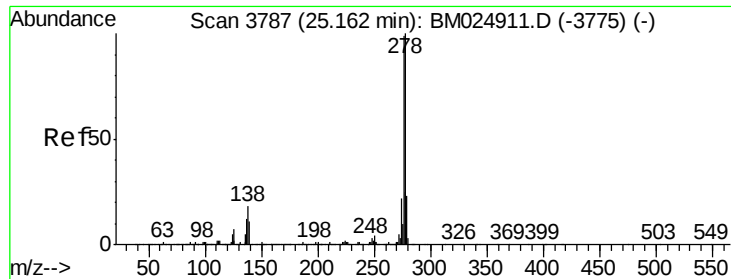
mohammad
2/18/2020 3:17:49 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.609 ng/ul
RT: 25.14 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.8	19.2
277	24.8	19.3	28.9





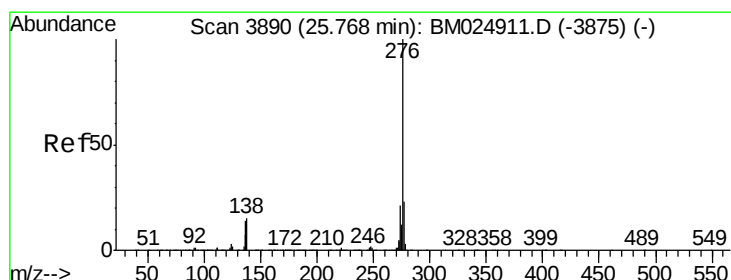
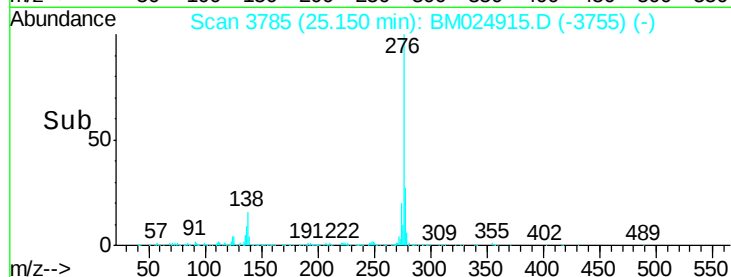
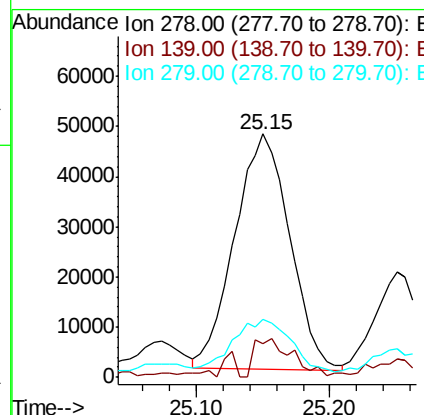
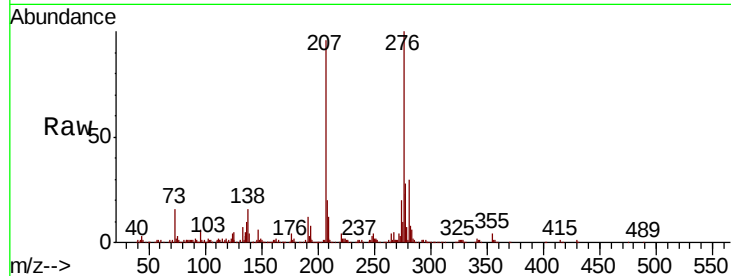
#93
Dibenzo(a,h)anthracene
Concen: 1.286 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. -0.02 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	8.4	12.6#
279	23.8	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/18/2020 3:17:49 PM



#94
Benzo(g,h,i)perylene
Concen: 3.969 ng/ul
RT: 25.76 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BM024915.D
Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	11.8	17.6
277	22.9	19.0	28.6

