

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010046.D
 Acq On : 02 Mar 2020 18:49
 Operator : CG/JU
 Sample : L1619-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DBDT7

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:50:36 AM

Quant Time: Mar 03 01:35:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 01:05:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	89199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	381515	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	254157	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	541861	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	520823	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	557516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	3719m	1.71	ng/uL	0.01
5) Phenol-d5	6.58	99	65598	8.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	52289	9.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	54873	9.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	47075	7.80	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	25641	9.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	28426	9.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	49443	8.42	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	54783	8.31	ng/ul	0.03
44) Dimethylphthalate-d6	13.44	166	192167	10.12	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	214715	9.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	16983	4.90	ng/ul	0.04
58) Fluorene-d10	15.02	176	172520	10.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	19783	5.88	ng/ul	0.01
71) Anthracene-d10	16.87	188	261297	10.52	ng/ul	0.00
79) Pyrene-d10	19.17	212	295857	10.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	317556	11.41	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.49	163	25283	1.276	ng/ul#	98
48) Acenaphthylene	13.73	152	28764	1.189	ng/ul	99
72) Anthracene	16.90	178	48859	1.546	ng/ul	96
77) Fluoranthene	18.84	202	725622	20.032	ng/ul	99
80) Pyrene	19.20	202	537677	14.319	ng/ul	96
83) Benzo(a)anthracene	20.97	228	484019	13.523	ng/ul	95
85) Chrysene	21.02	228	171925m	4.879	ng/ul	
88) Benzo(b)fluoranthene	22.47	252	1131794	31.311	ng/ul	96
89) Benzo(k)fluoranthene	22.51	252	308278m	9.007	ng/ul	
91) Benzo(a)pyrene	22.99	252	485578	14.936	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	184667	4.784	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.11	278	52914	1.602	ng/ul#	88
94) Benzo(g,h,i)perylene	25.73	276	113581	3.509	ng/ul	94

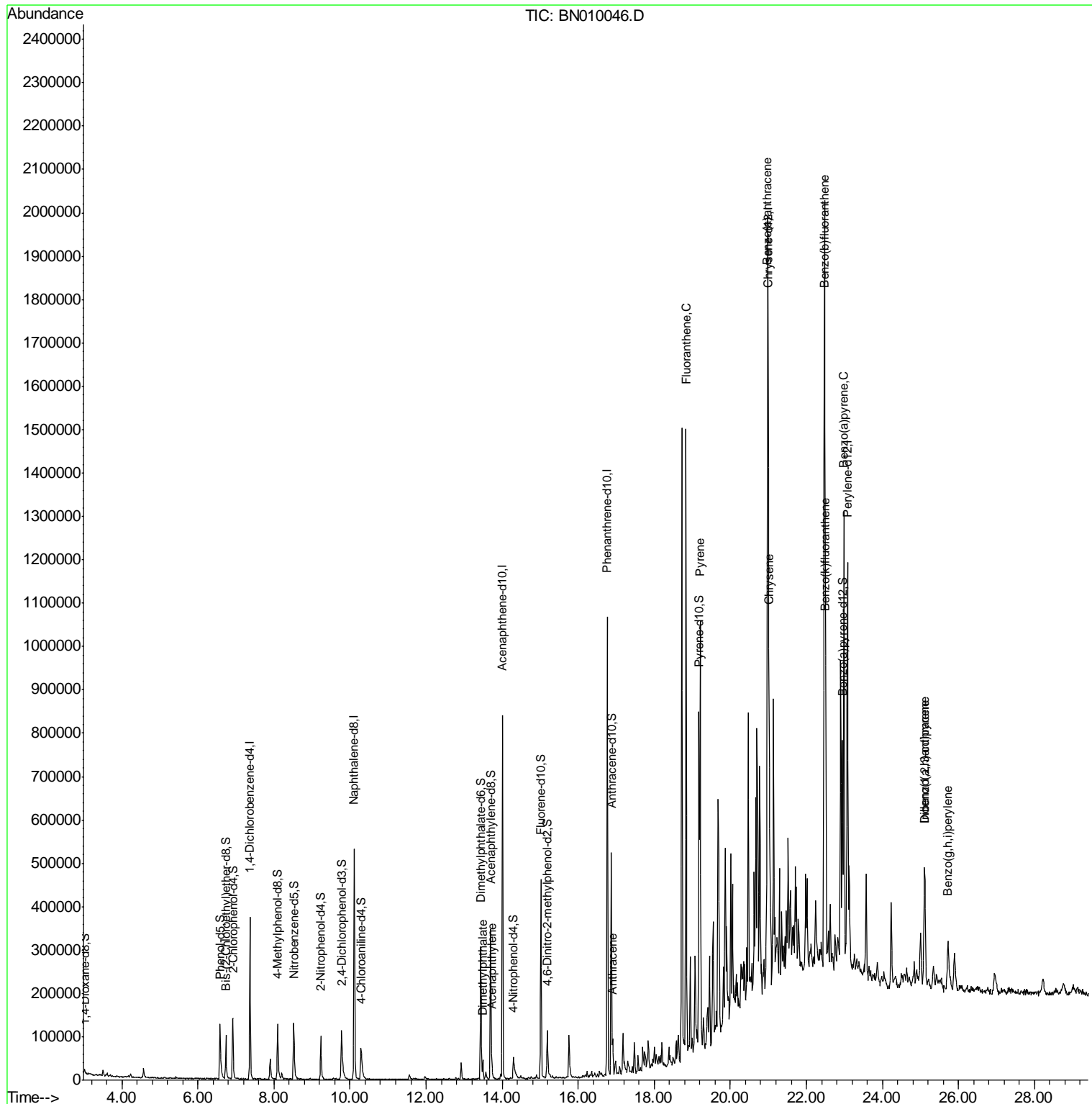
(#) = qualifier out of range (m) = manual integration (+) = signals summed

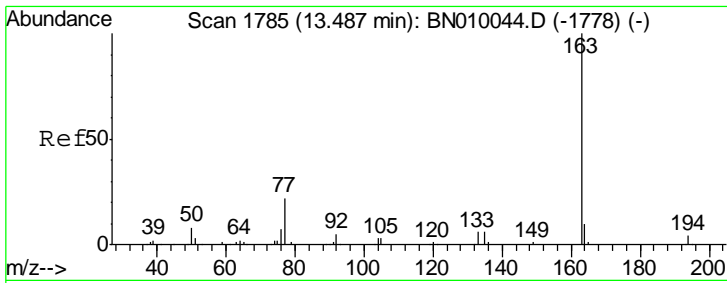
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010046.D
 Acq On : 02 Mar 2020 18:49
 Operator : CG/JU
 Sample : L1619-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DBDT7

Manual Integrations
APPROVED
 mohammad
 3/4/2020 7:50:36 AM

Quant Time: Mar 03 01:35:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 01:05:31 2020
 Response via : Initial Calibration





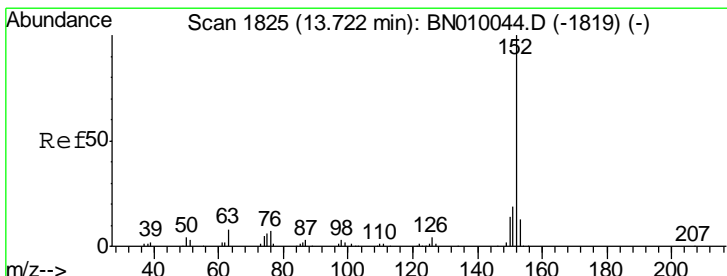
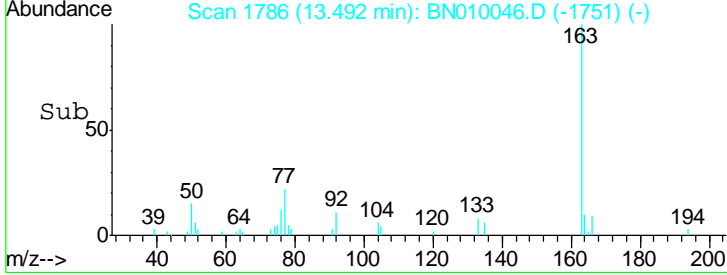
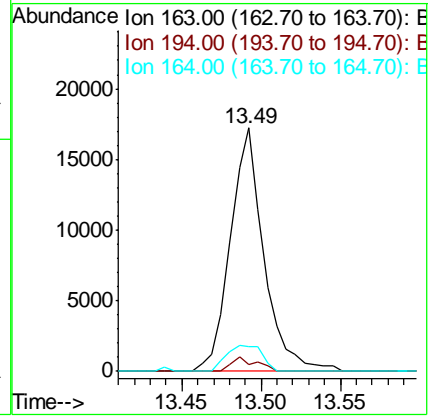
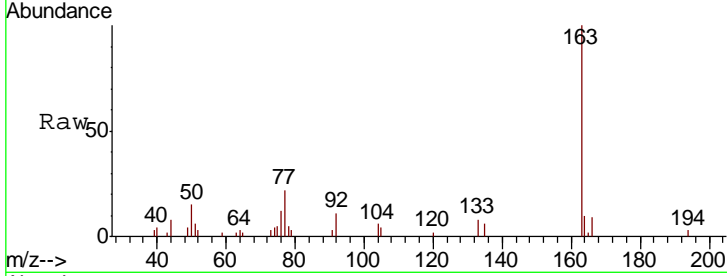
#45
 Dimethylphthalate
 Concen: 1.276 ng/ul
 RT: 13.49 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
ClientSampled :
 DBDT7

Tgt Ion	Resp	Lower	Upper
163	100		
194	2.9	3.4	5.0#
164	10.3	8.0	12.0

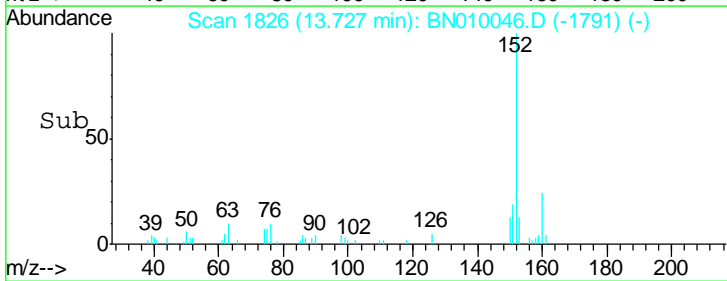
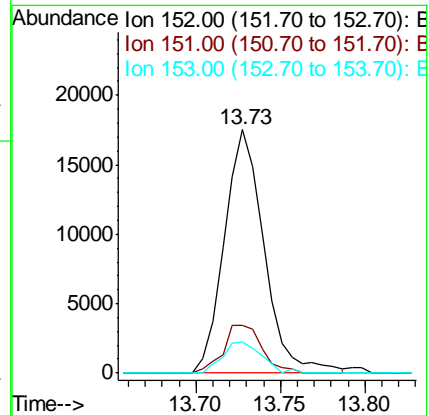
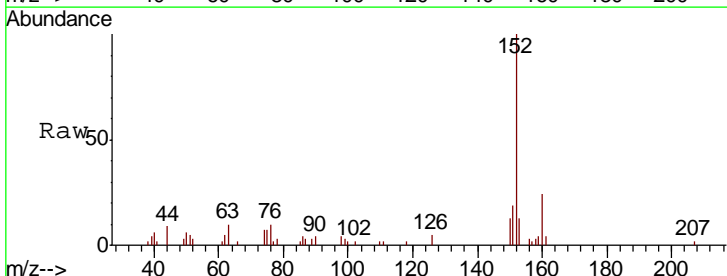
Manual Integrations
APPROVED

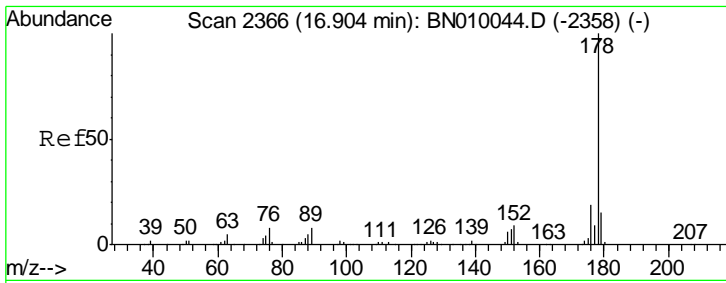
mohammad
 3/4/2020 7:50:36 AM



#48
 Acenaphthylene
 Concen: 1.189 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.6	10.3	15.5





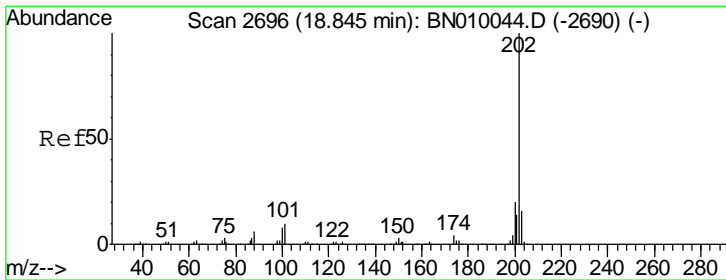
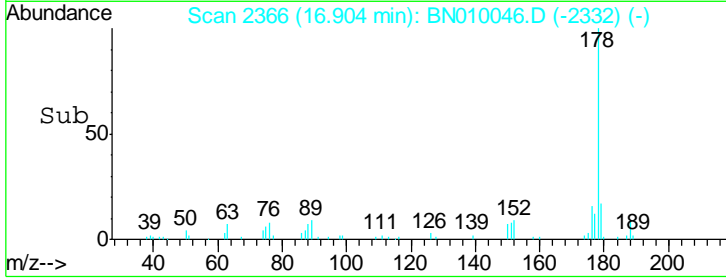
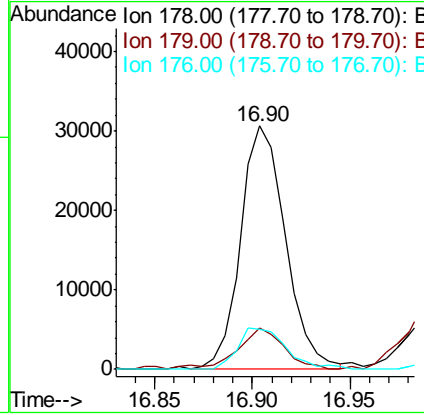
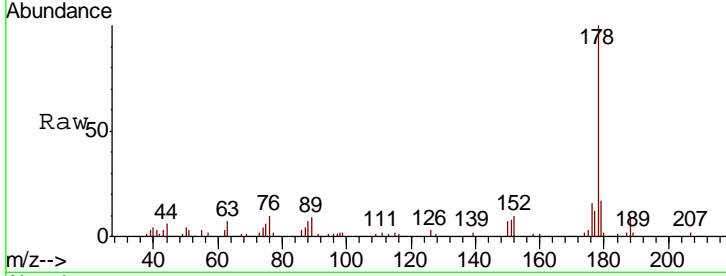
#72
 Anthracene
 Concen: 1.546 ng/ul
 RT: 16.90 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
 ClientSampled :
 DBDT7

Tgt Ion	Resp	Lower	Upper
178	48859		
179	17.1	12.2	18.2
176	16.3	14.6	21.8

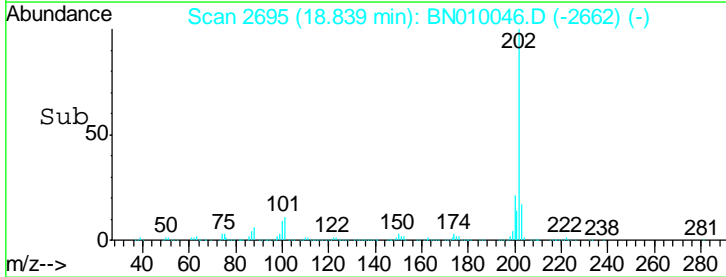
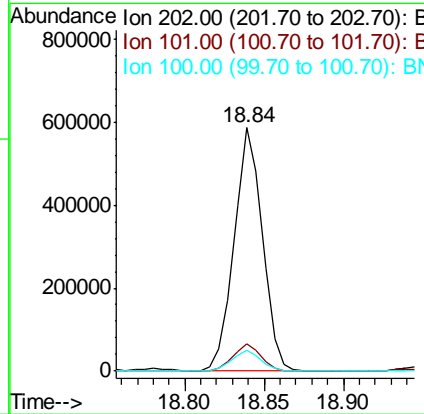
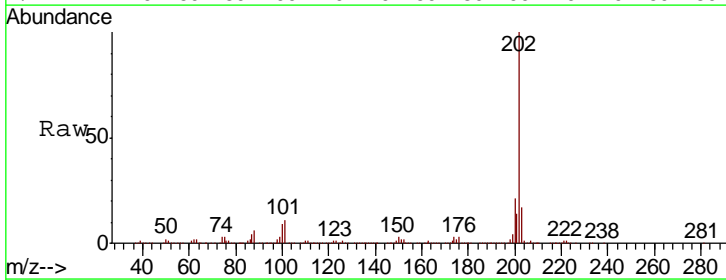
Manual Integrations
 APPROVED

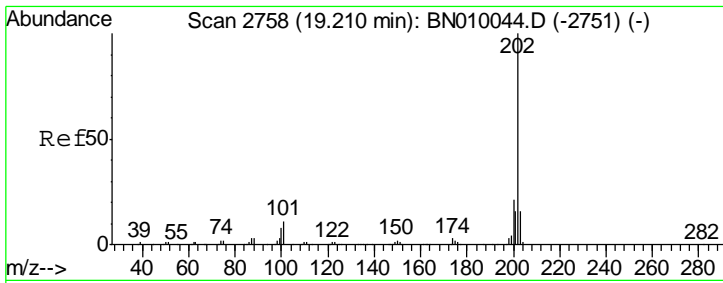
mohammad
 3/4/2020 7:50:36 AM



#77
 Fluoranthene
 Concen: 20.032 ng/ul
 RT: 18.84 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
202	725622		
101	11.5	9.4	14.2
100	8.8	7.2	10.8



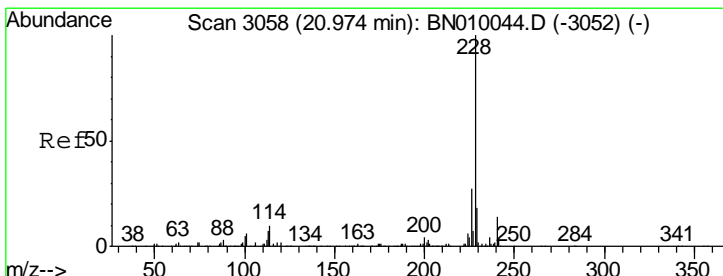
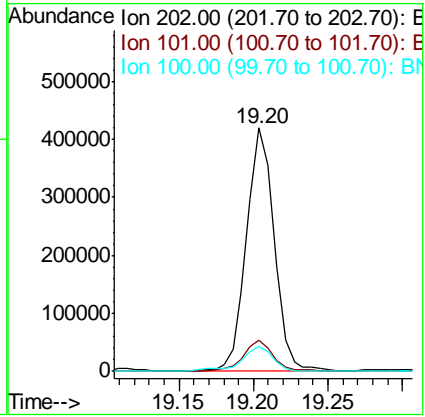
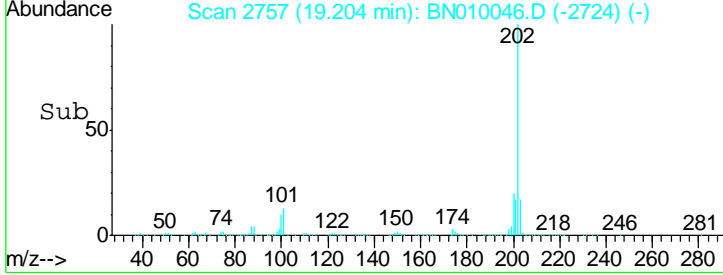
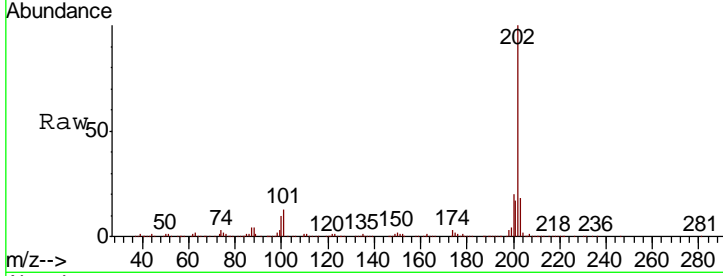


#80
 Pyrene
 Concen: 14.319 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
ClientSampled :
 DBDT7

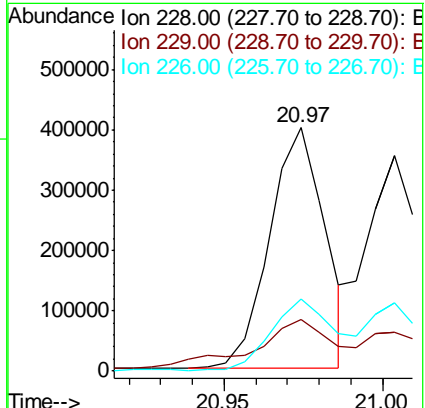
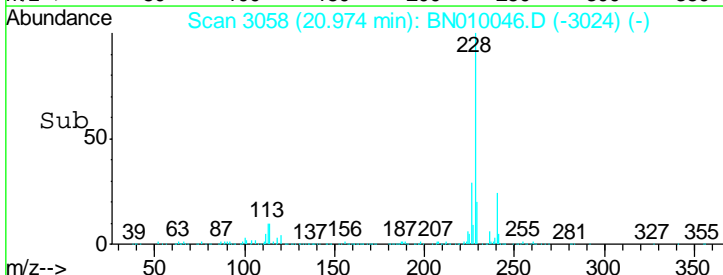
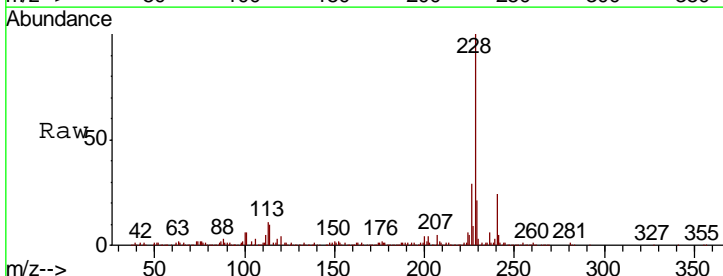
Tgt Ion	Resp	Lower	Upper
202	537677		
101	12.6	11.3	16.9
100	10.0	9.0	13.6

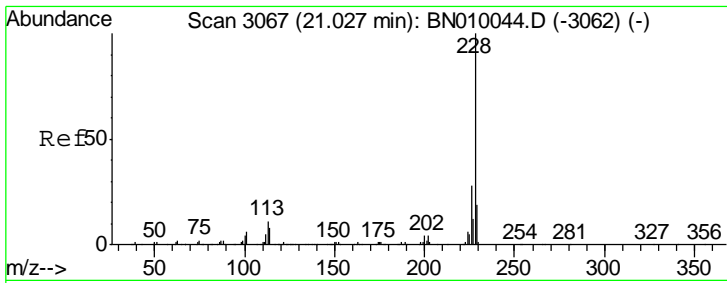
Manual Integrations
APPROVED
 mohammad
 3/4/2020 7:50:36 AM



#83
 Benzo(a)anthracene
 Concen: 13.523 ng/ul
 RT: 20.97 min Scan# 3058
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
228	484019		
229	21.2	15.0	22.4
226	29.4	21.4	32.2



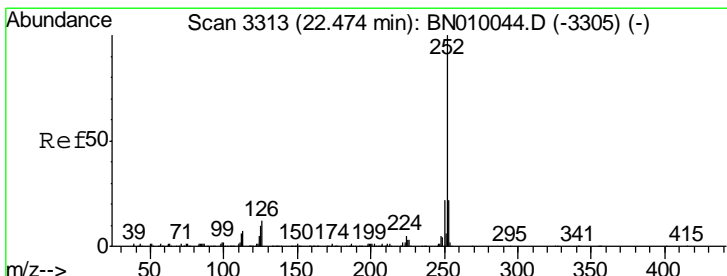
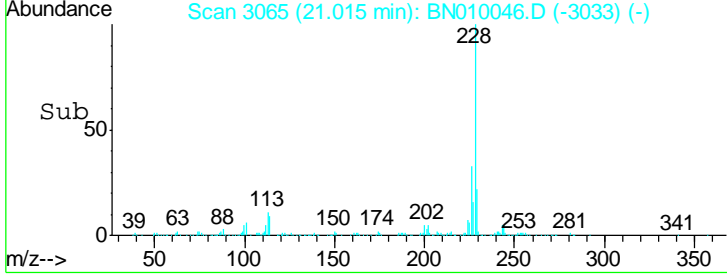
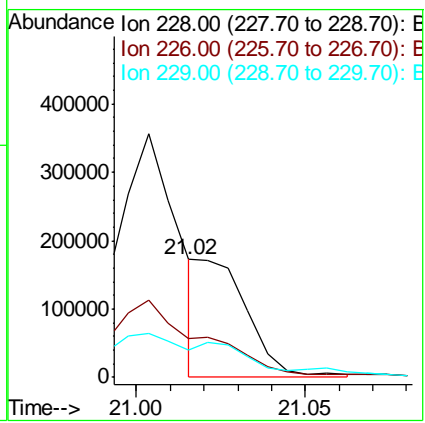
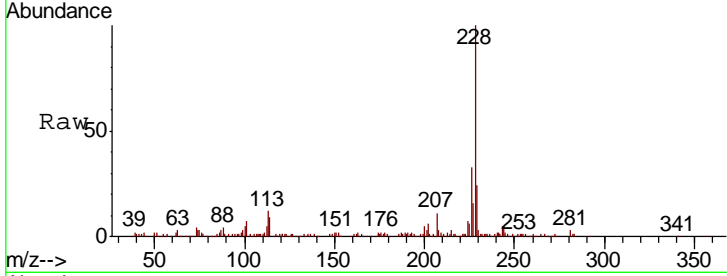


#85
 Chrysene
 Concen: 4.879 ng/ul m
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
 ClientSampled :
 DBDT7

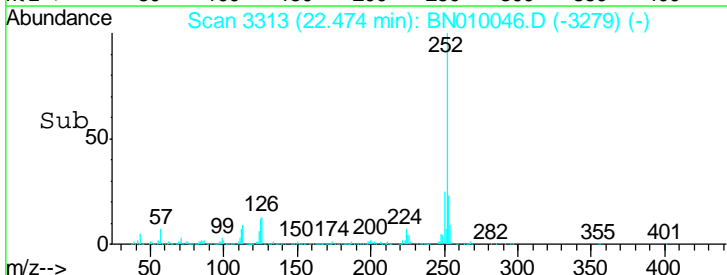
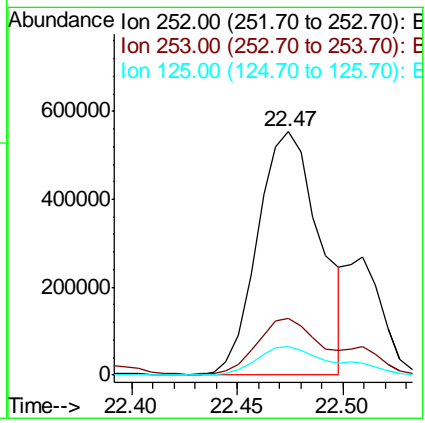
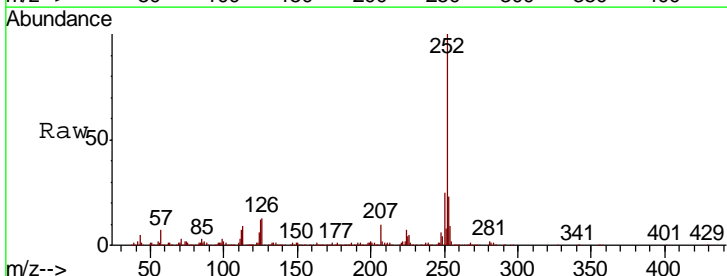
Tgt Ion:	228	Resp:	171925
Ion Ratio		Lower	Upper
228	100		
226	33.3	23.4	35.2
229	23.6	15.0	22.4

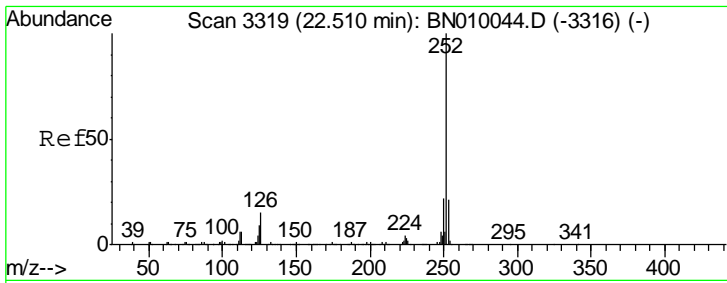
Manual Integrations
APPROVED
 mohammad
 3/4/2020 7:50:36 AM



#88
 Benzo(b)fluoranthene
 Concen: 31.311 ng/ul
 RT: 22.47 min Scan# 3313
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion:	252	Resp:	1131794
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.0	25.4
125	11.7	8.0	12.0





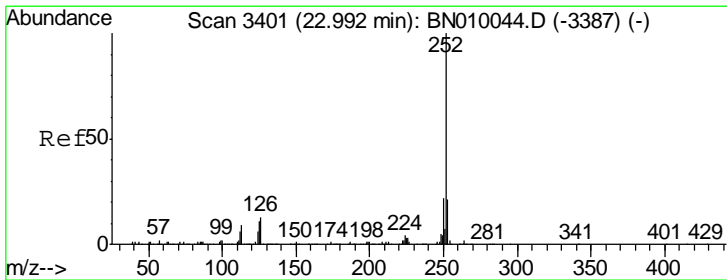
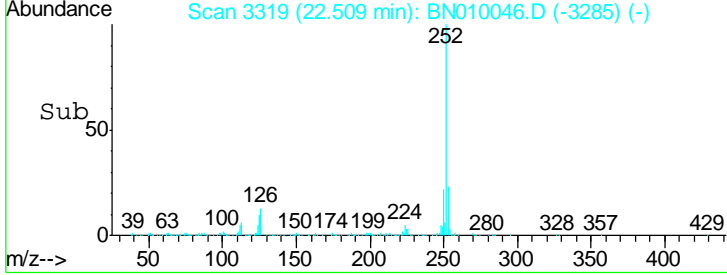
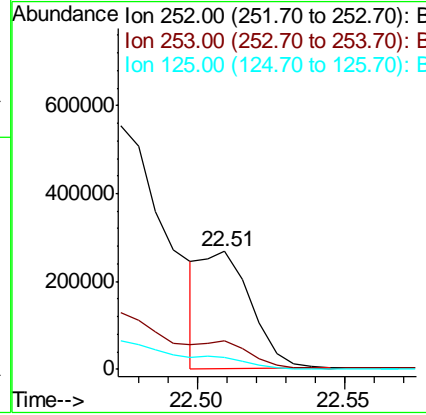
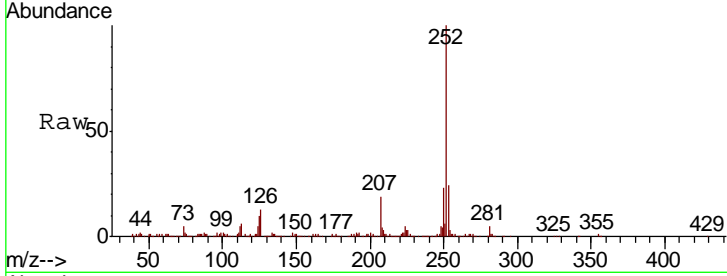
#89
 Benzo(k)fluoranthene
 Concen: 9.007 ng/ul m
 RT: 22.51 min Scan# 3319
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
 ClientSampled :
 DBDT7

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	10.0	8.2	12.2

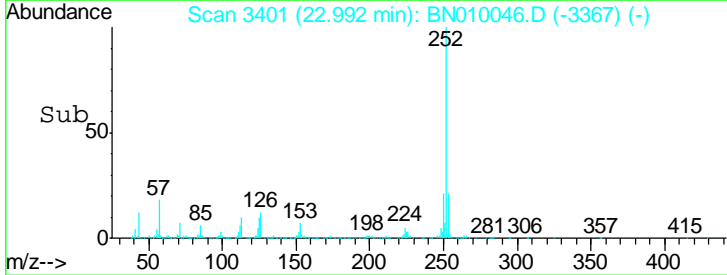
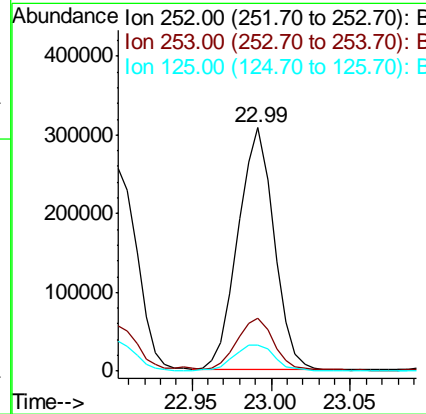
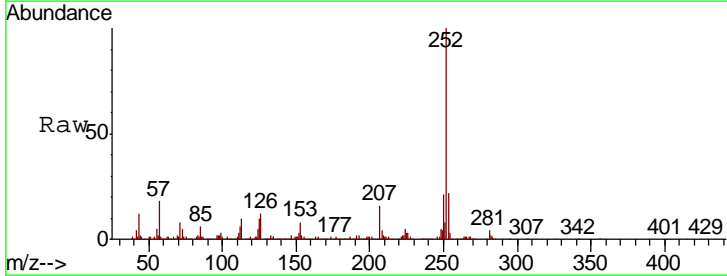
Manual Integrations
 APPROVED

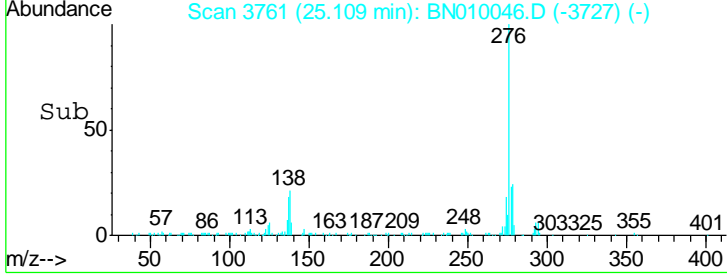
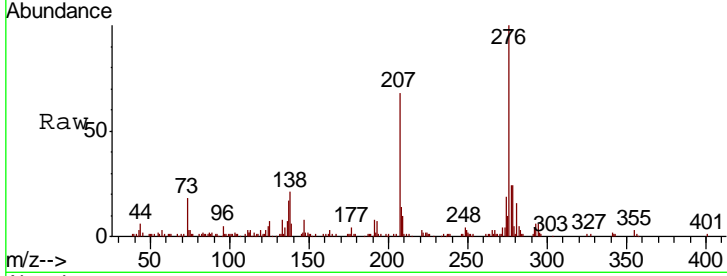
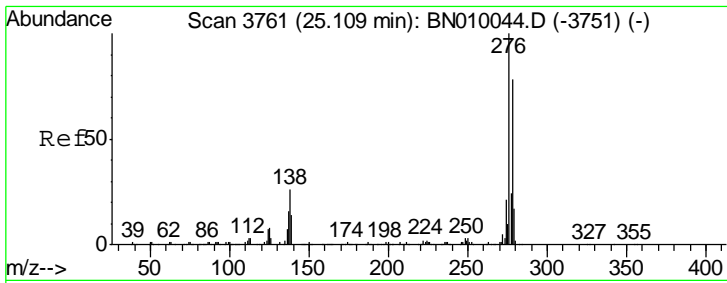
mohammad
 3/4/2020 7:50:36 AM



#91
 Benzo(a)pyrene
 Concen: 14.936 ng/ul
 RT: 22.99 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.4	9.0	13.6



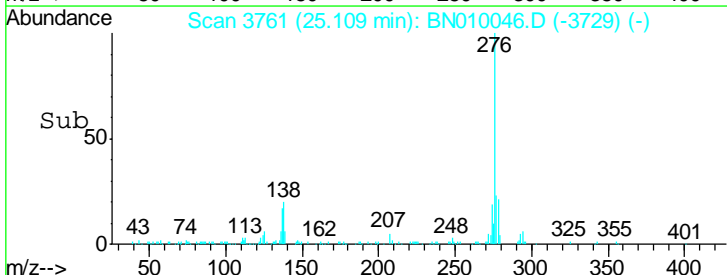
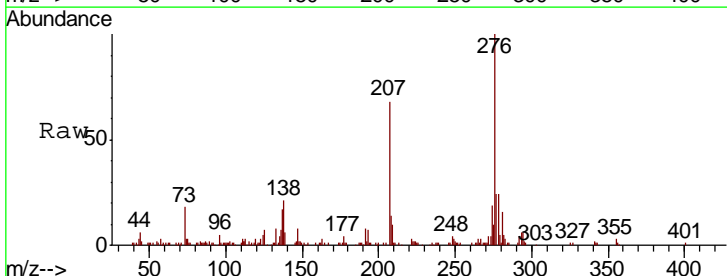
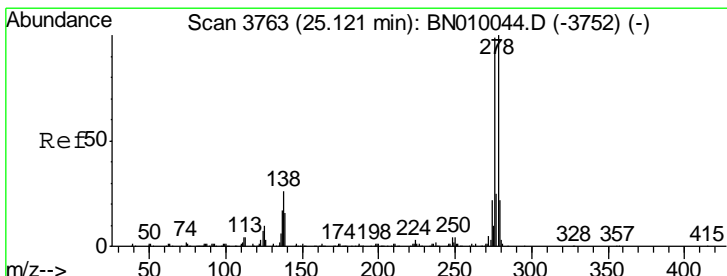
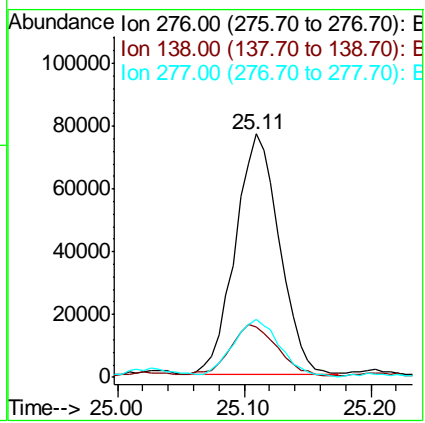


#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.784 ng/ul
 RT: 25.11 min Scan# 3761
 Delta R.T. -0.00 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
276	184667		
276	100		
138	20.5	20.9	31.3#
277	23.6	18.2	27.4

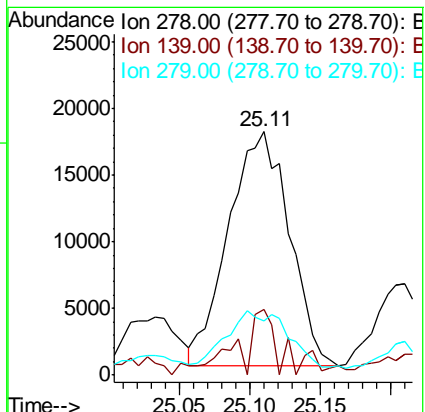
Instrument :
 BNA_N
 ClientSampled :
 DBDT7

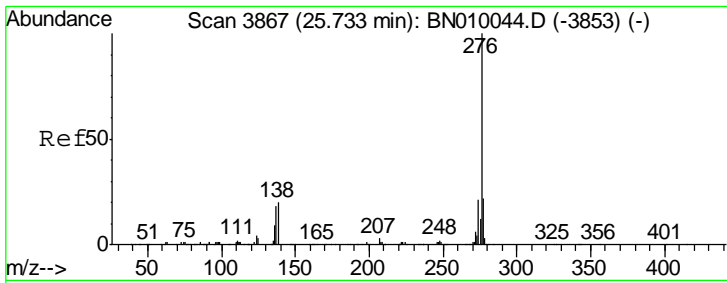
Manual Integrations
 APPROVED
 mohammad
 3/4/2020 7:50:36 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.602 ng/ul
 RT: 25.11 min Scan# 3761
 Delta R.T. -0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Tgt Ion	Resp	Lower	Upper
278	52914		
278	100		
139	27.2	13.0	19.4#
279	22.5	17.5	26.3





#94
 Benzo(a,h,i)perylene
 Concen: 3.509 ng/ul
 RT: 25.73 min Scan# 3866
 Delta R.T. -0.01 min
 Lab File: BN010046.D
 Acq: 02 Mar 2020 18:49

Instrument :
 BNA_N
 ClientSampled :
 DBDT7

Tot Ion	Ion	Ratio	Lower	Upper
113581	276	100		
	138	17.9	17.5	26.3
	277	24.7	18.1	27.1

Manual Integrations
 APPROVED
 mohammad
 3/4/2020 7:50:36 AM

