

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046758.D
 Acq On : 3 Oct 2020 5:47
 Operator : CG/JU
 Sample : L4151-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7L3

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:19:39 AM

Quant Time: Oct 03 07:22:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 03:57:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	85941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	361782	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.736	164	255734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	577877	20.00	ng/ul	0.00
78) Chrysene-d12	21.751	240	556743	20.00	ng/ul	0.00
86) Perylene-d12	25.035	264	582551	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	8950	5.11	ng/uL	0.00
5) Phenol-d5	7.256	99	191845	26.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.433	67	115532	25.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.638	132	147158	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.802	113	143441	24.94	ng/ul	0.00
19) Nitrobenzene-d5	9.272	128	74942	27.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.994	143	87403	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	171324	26.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.046	131	90790	11.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.137	166	535279	27.39	ng/ul	0.00
47) Acenaphthylene-d8	14.430	160	648670	27.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.900	143	91961	27.60	ng/ul	0.00
58) Fluorene-d10	15.723	176	490917	27.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.823	200	82310	28.51	ng/ul	0.00
71) Anthracene-d10	17.574	188	683364	25.77	ng/ul	0.00
79) Pyrene-d10	19.853	212	803263	27.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.806	264	798255	25.42	ng/ul	0.00
Target Compounds					Qvalue	
45) Dimethylphthalate	14.178	163	76227	3.85	ng/ul	98
70) Phenanthrene	17.521	178	173810	5.50	ng/ul	99
77) Fluoranthene	19.524	202	406868	10.85	ng/ul	98
80) Pyrene	19.883	202	350767	9.80	ng/ul	98
81) Butylbenzylphthalate	20.770	149	13568	1.09	ng/ul#	83
83) Benzo(a)anthracene	21.733	228	222339	6.10	ng/ul	96
84) Bis(2-ethylhexyl)phtha...	21.645	149	198454	10.70	ng/ul	99
85) Chrysene	21.798	228	235506	6.66	ng/ul	97
88) Benzo(b)fluoranthene	23.990	252	333370	8.67	ng/ul	98
89) Benzo(k)fluoranthene	24.054	252	104171m	2.78	ng/ul	
91) Benzo(a)pyrene	24.877	252	217333	6.19	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.766	276	165077	3.83	ng/ul	98
93) Dibenzo(a,h)anthracene	28.808	278	40841m	1.14	ng/ul	
94) Benzo(g,h,i)perylene	29.936	276	149010m	4.13	ng/ul	

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

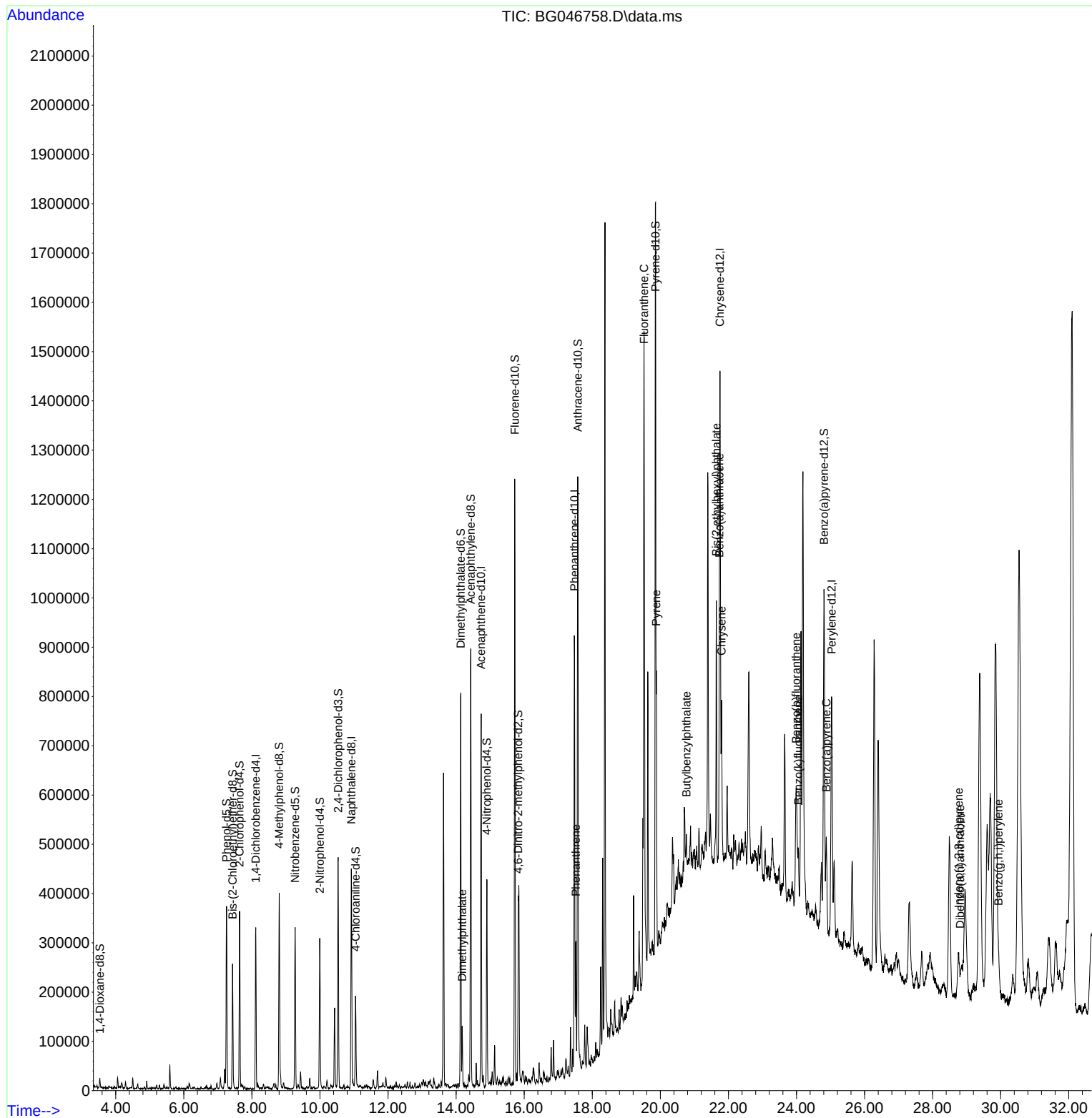
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046758.D
Acq On : 3 Oct 2020 5:47
Operator : CG/JU
Sample : L4151-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

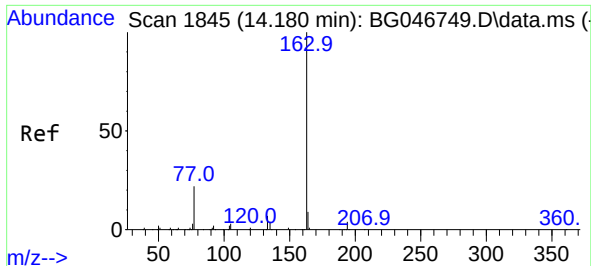
Instrument :
BNA_G
ClientSampleId :
CB7L3

Manual Integrations
APPROVED

mohammad
10/5/2020 10:19:39 AM

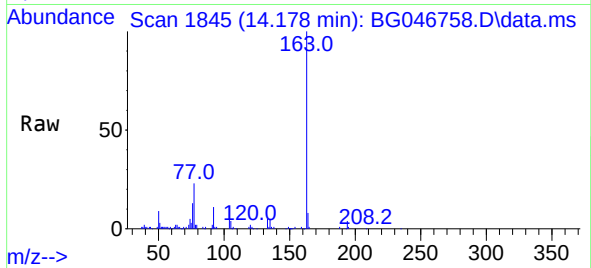
Quant Time: Oct 03 07:22:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration





#45
Dimethylphthalate
Concen: 3.85 ng/ul
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

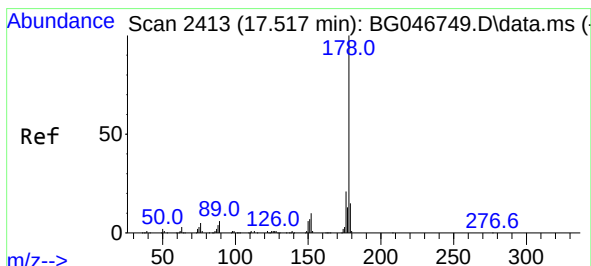
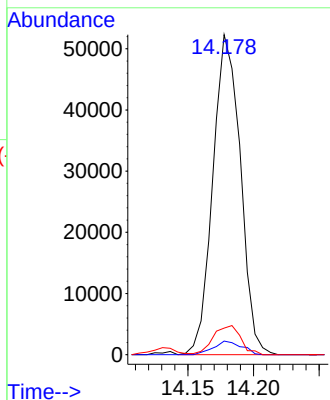
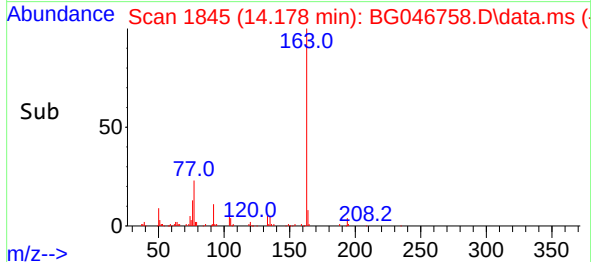
Instrument :
BNA_G
ClientSampled :
CB7L3



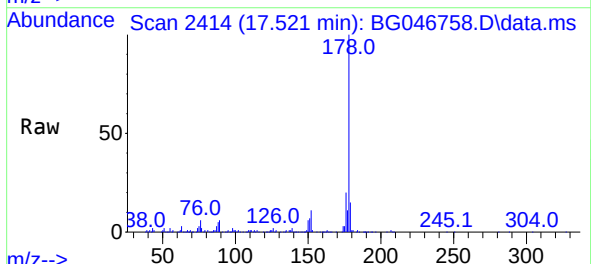
Tgt Ion:163 Resp: 76227
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 8.3 7.4 11.0

Manual Integrations
APPROVED

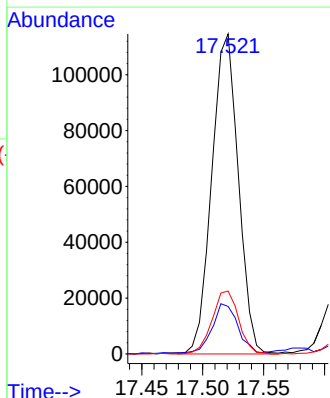
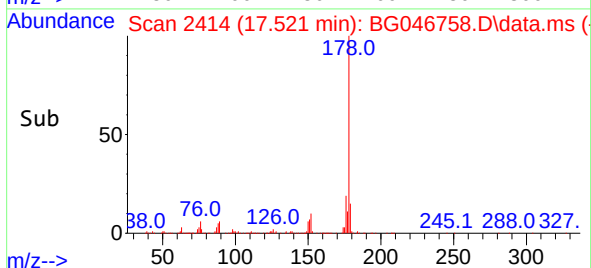
mohammad
10/5/2020 10:19:39 AM

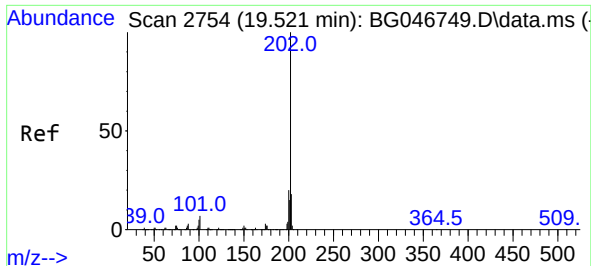


#70
Phenanthrene
Concen: 5.50 ng/ul
RT: 17.521 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47



Tgt Ion:178 Resp: 173810
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 19.7 15.4 23.2





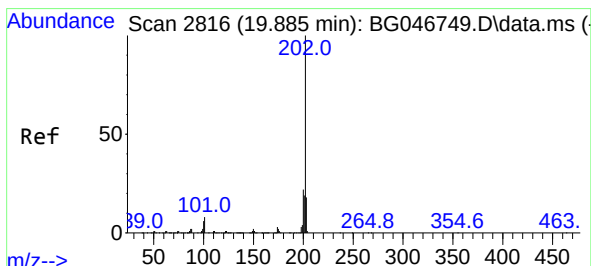
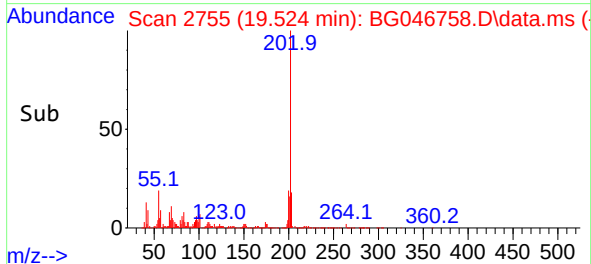
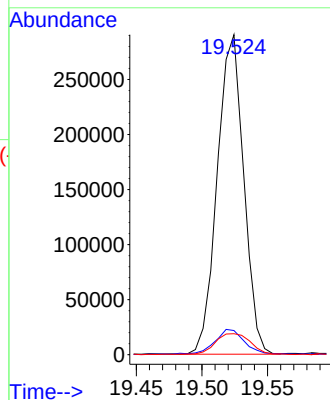
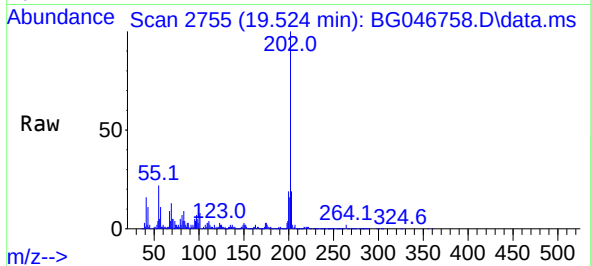
#77
Fluoranthene
Concen: 10.85 ng/ul
RT: 19.524 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

Tgt Ion:202 Resp: 406868
Ion Ratio Lower Upper
202 100
101 7.6 5.8 8.6
100 6.5 4.5 6.7

Instrument :
BNA_G
ClientSampled :
CB7L3

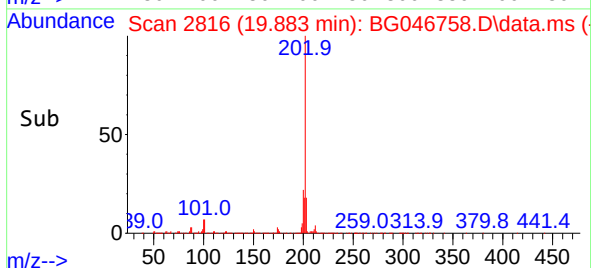
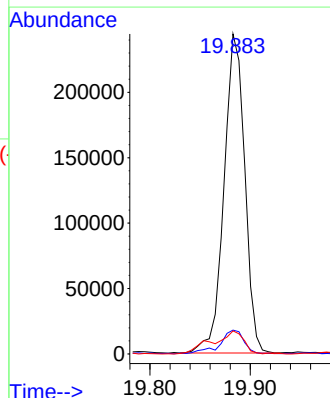
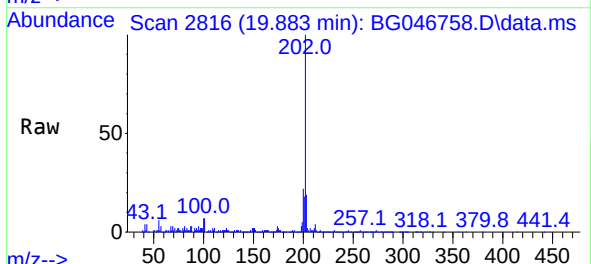
Manual Integrations
APPROVED

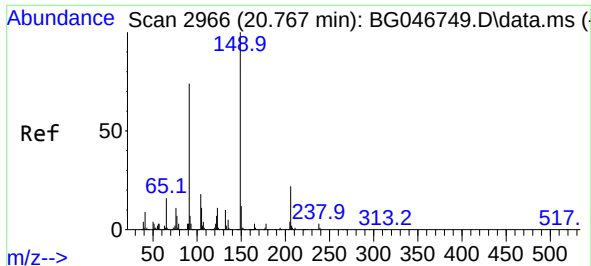
mohammad
10/5/2020 10:19:39 AM



#80
Pyrene
Concen: 9.80 ng/ul
RT: 19.883 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

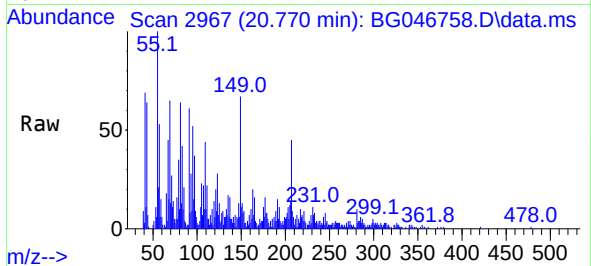
Tgt Ion:202 Resp: 350767
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 7.2 6.0 9.0





#81
Butylbenzylphthalate
Concen: 1.09 ng/ul
RT: 20.770 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

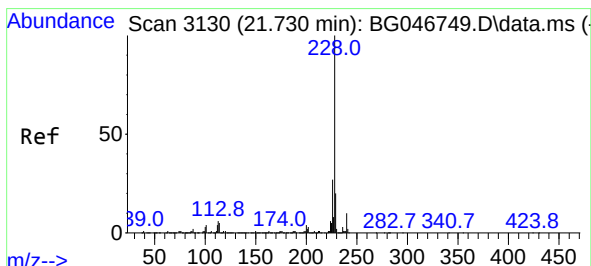
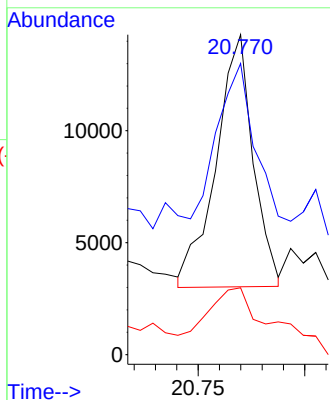
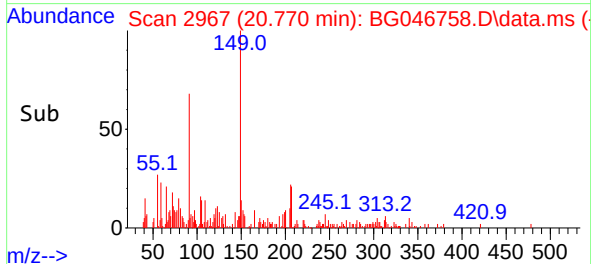
Instrument :
BNA_G
ClientSampleId :
CB7L3



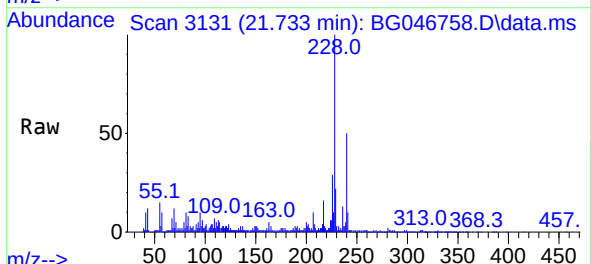
Tgt Ion:149 Resp: 13568
Ion Ratio Lower Upper
149 100
91 91.0 59.0 88.4#
206 20.9 19.2 28.8

Manual Integrations
APPROVED

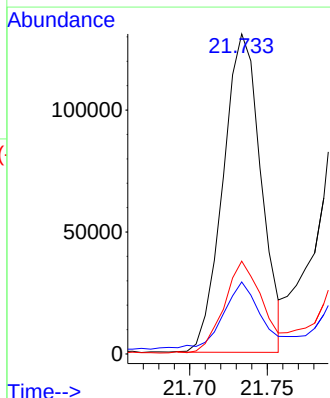
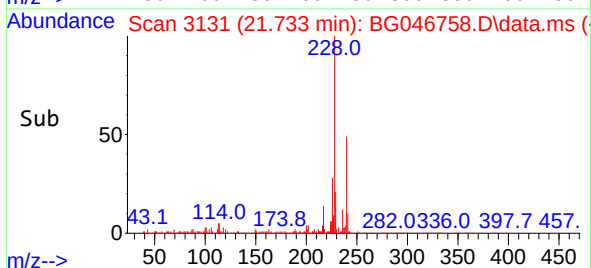
mohammad
10/5/2020 10:19:39 AM

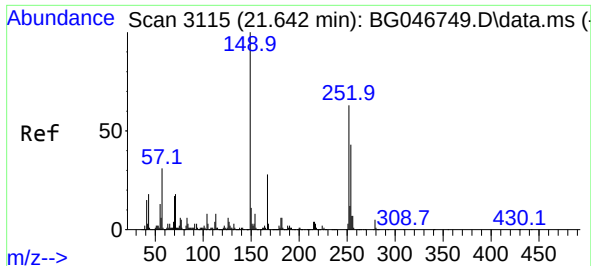


#83
Benzo(a)anthracene
Concen: 6.10 ng/ul
RT: 21.733 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47



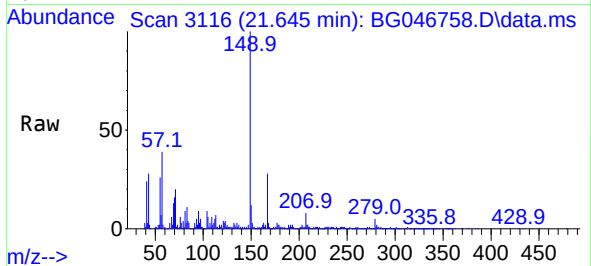
Tgt Ion:228 Resp: 222339
Ion Ratio Lower Upper
228 100
229 22.5 16.5 24.7
226 29.0 21.6 32.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 10.70 ng/ul
RT: 21.645 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

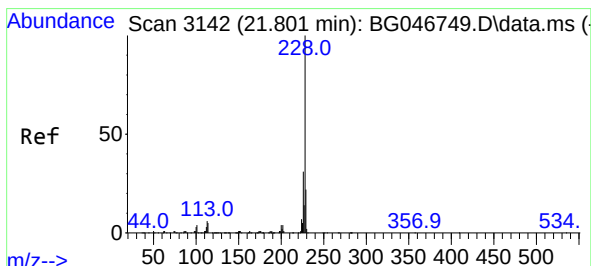
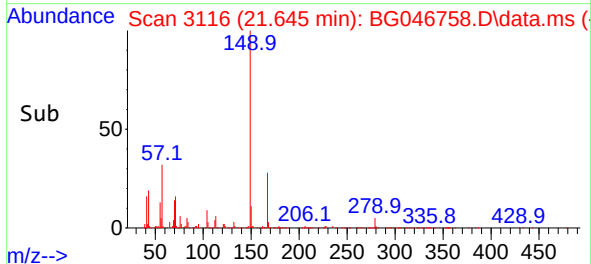
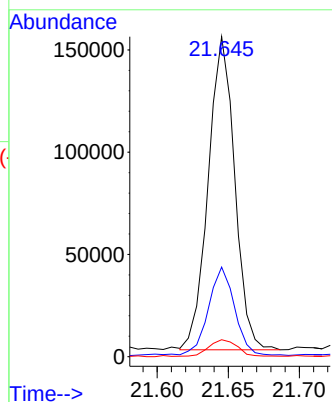
Instrument :
BNA_G
ClientSampleId :
CB7L3



Tgt Ion:149 Resp: 198454
Ion Ratio Lower Upper
149 100
167 28.0 22.7 34.1
279 5.3 4.2 6.2

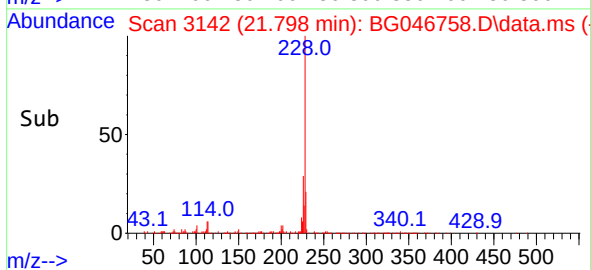
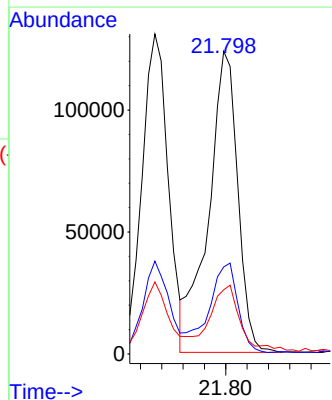
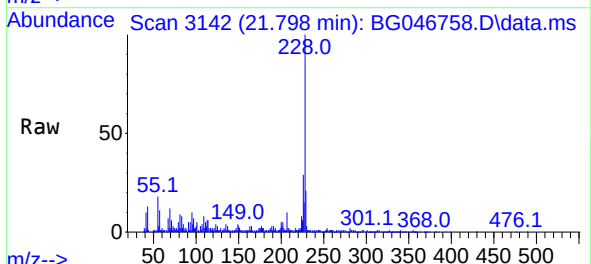
Manual Integrations
APPROVED

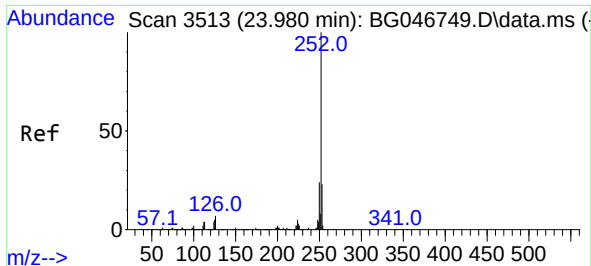
mohammad
10/5/2020 10:19:39 AM



#85
Chrysene
Concen: 6.66 ng/ul
RT: 21.798 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

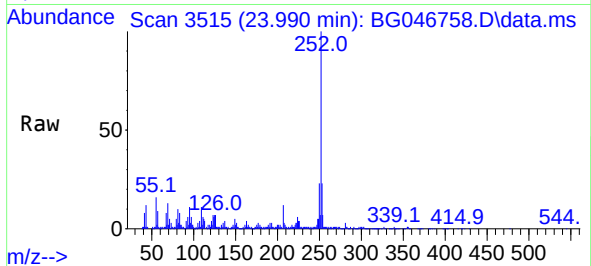
Tgt Ion:228 Resp: 235506
Ion Ratio Lower Upper
228 100
226 28.7 24.3 36.5
229 21.2 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 8.67 ng/ul
RT: 23.990 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

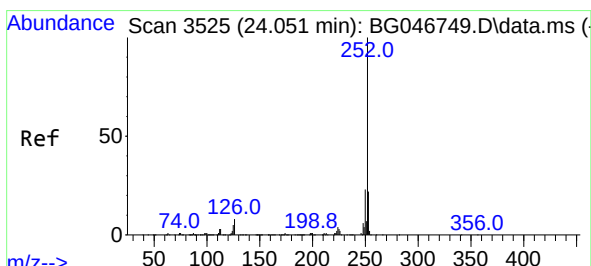
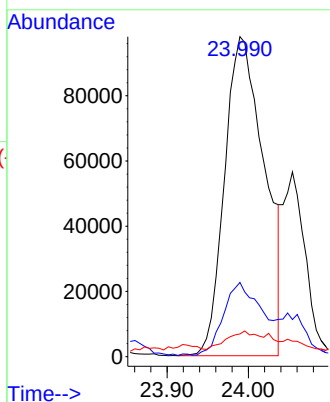
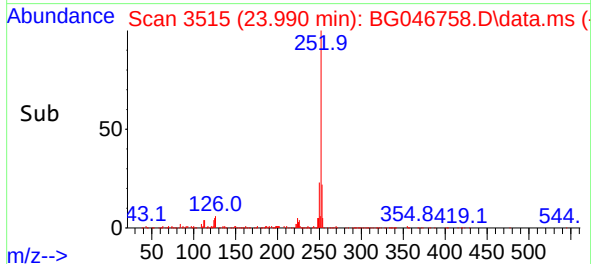
Instrument :
BNA_G
ClientSampled :
CB7L3



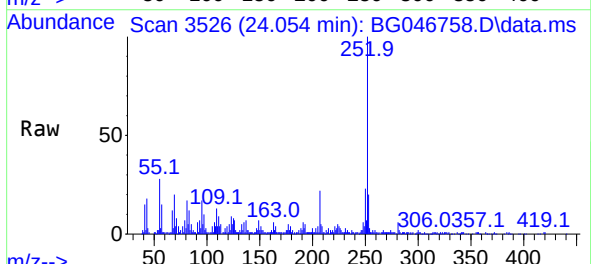
Tgt Ion:252 Resp: 333370
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 7.1 5.0 7.4

Manual Integrations
APPROVED

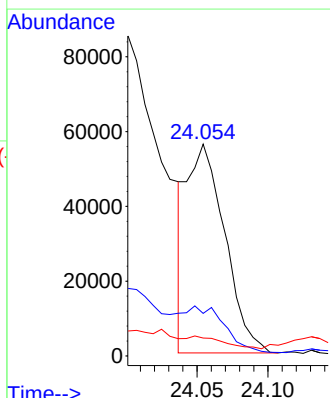
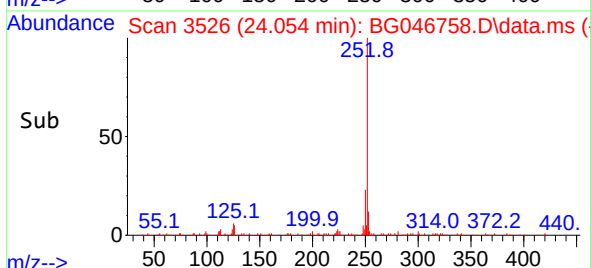
mohammad
10/5/2020 10:19:39 AM

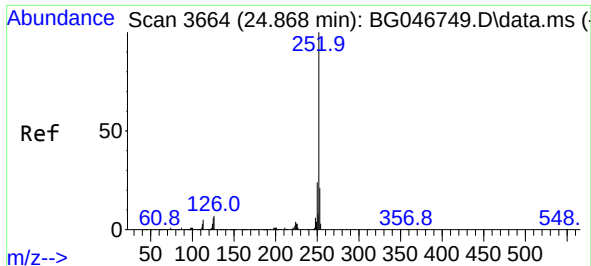


#89
Benzo(k)fluoranthene
Concen: 2.78 ng/ul m
RT: 24.054 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47



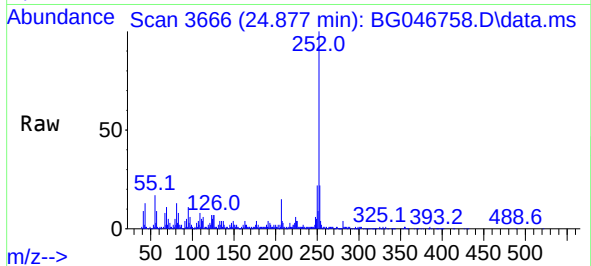
Tgt Ion:252 Resp: 104171
Ion Ratio Lower Upper
252 100
253 20.1 17.7 26.5
125 8.4 4.8 7.2#





#91
Benzo(a)pyrene
Concen: 6.19 ng/u1
RT: 24.877 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

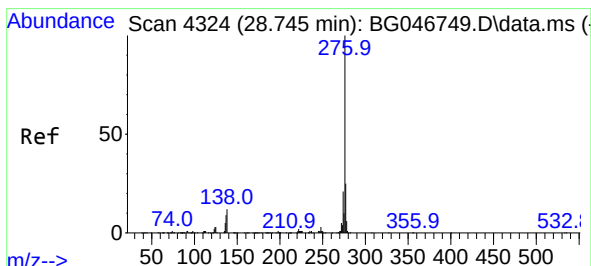
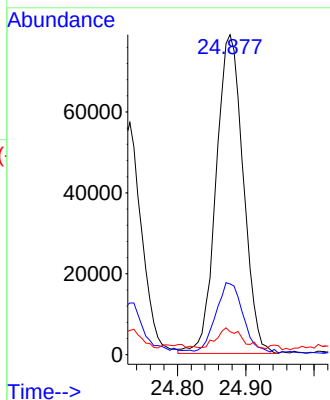
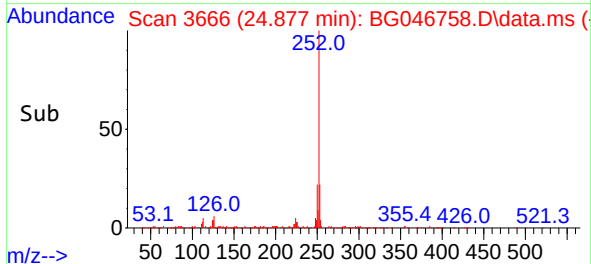
Instrument :
BNA_G
ClientSampled :
CB7L3



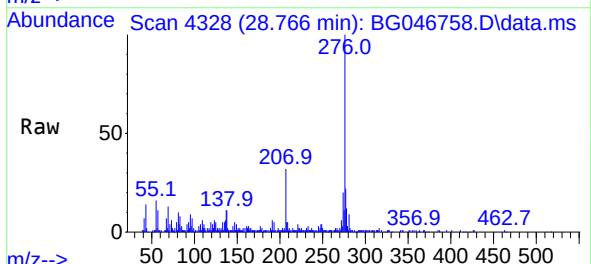
Tgt Ion:252 Resp: 217333
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.2 5.4 8.2

Manual Integrations
APPROVED

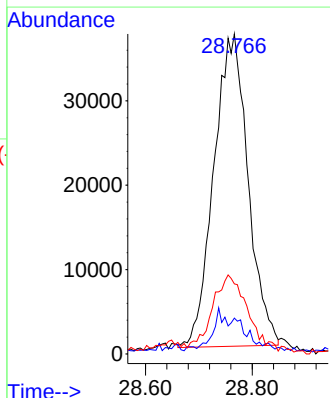
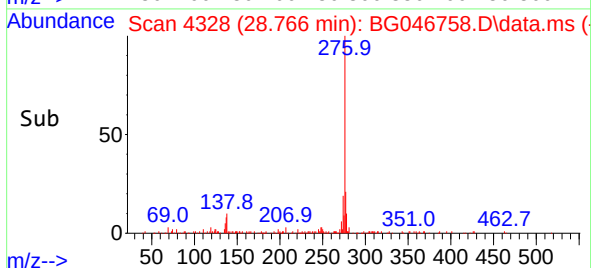
mohammad
10/5/2020 10:19:39 AM

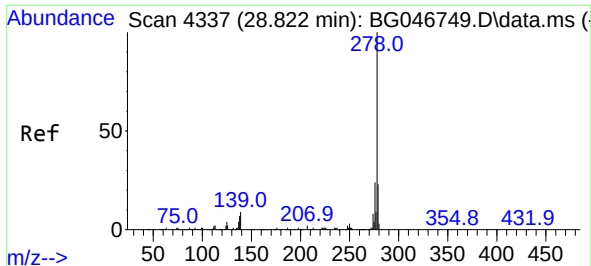


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.83 ng/u1
RT: 28.766 min Scan# 4328
Delta R.T. 0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47



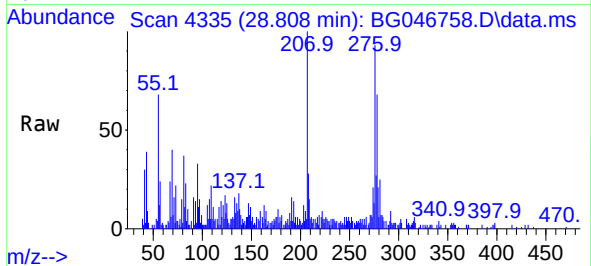
Tgt Ion:276 Resp: 165077
Ion Ratio Lower Upper
276 100
138 12.8 9.7 14.5
277 21.9 18.2 27.4





#93
Dibenzo(a,h)anthracene
Concen: 1.14 ng/ul m
RT: 28.808 min Scan# 4335
Delta R.T. -0.029 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47

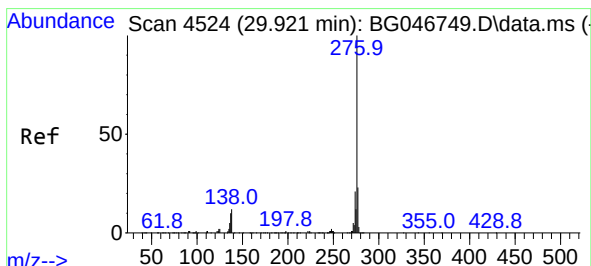
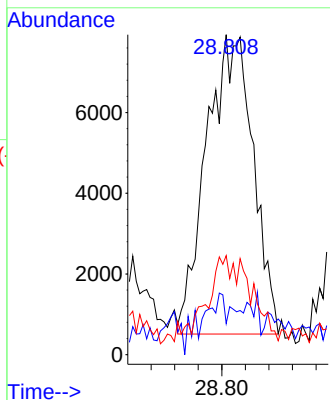
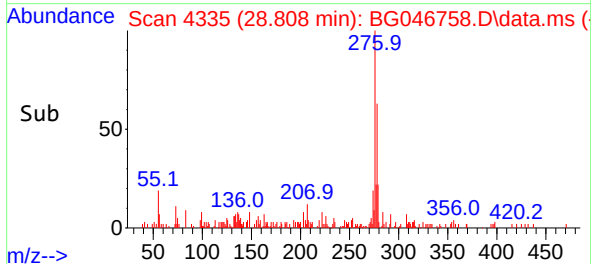
Instrument :
BNA_G
ClientSampled :
CB7L3



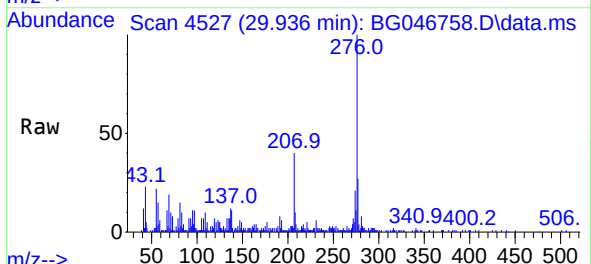
Tgt Ion:278 Resp: 40841
Ion Ratio Lower Upper
278 100
139 9.8 7.2 10.8
279 31.0 17.8 26.6#

Manual Integrations
APPROVED

mohammad
10/5/2020 10:19:39 AM



#94
Benzo(g,h,i)perylene
Concen: 4.13 ng/ul m
RT: 29.936 min Scan# 4527
Delta R.T. 0.006 min
Lab File: BG046758.D
Acq: 3 Oct 2020 5:47



Tgt Ion:276 Resp: 149010
Ion Ratio Lower Upper
276 100
138 11.0 10.2 15.4
277 26.8 19.0 28.6

