

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047422.D
 Acq On : 23 Nov 2020 18:32
 Operator : CG/JU
 Sample : L4749-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B16

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:46:59 PM

Quant Time: Nov 24 01:19:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36196	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	147954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	111239	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	246808	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218144	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	225683	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1443	1.45	ng/uL	0.00
5) Phenol-d5	7.40	99	44276	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23385	11.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32804	13.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	31672	11.35	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	17029	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19654	14.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41692	13.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	43114	13.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	130547	13.67	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	156933	14.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14896	10.22	ng/ul	0.00
58) Fluorene-d10	15.87	176	120065	13.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	7564	5.38	ng/ul	-0.01
71) Anthracene-d10	17.72	188	180630	14.75	ng/ul	0.00
79) Pyrene-d10	19.98	212	203218	16.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	194142	14.95	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	6437	1.851	ng/ul#	77
45) Dimethylphthalate	14.33	163	19551	2.007	ng/ul	96
70) Phenanthrene	17.66	178	25674	1.926	ng/ul#	90
77) Fluoranthene	19.65	202	92388	5.489	ng/ul#	97
80) Pyrene	20.01	202	79608	5.152	ng/ul#	95
83) Benzo(a)anthracene	21.88	228	59933	3.861	ng/ul	98
85) Chrysene	21.95	228	62113	4.205	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	95919m	6.020	ng/ul	
89) Benzo(k)fluoranthene	24.27	252	35511m	2.261	ng/ul	
91) Benzo(a)pyrene	25.14	252	54329	3.825	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.21	276	41975m	2.429	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	34066m	2.389	ng/ul	

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

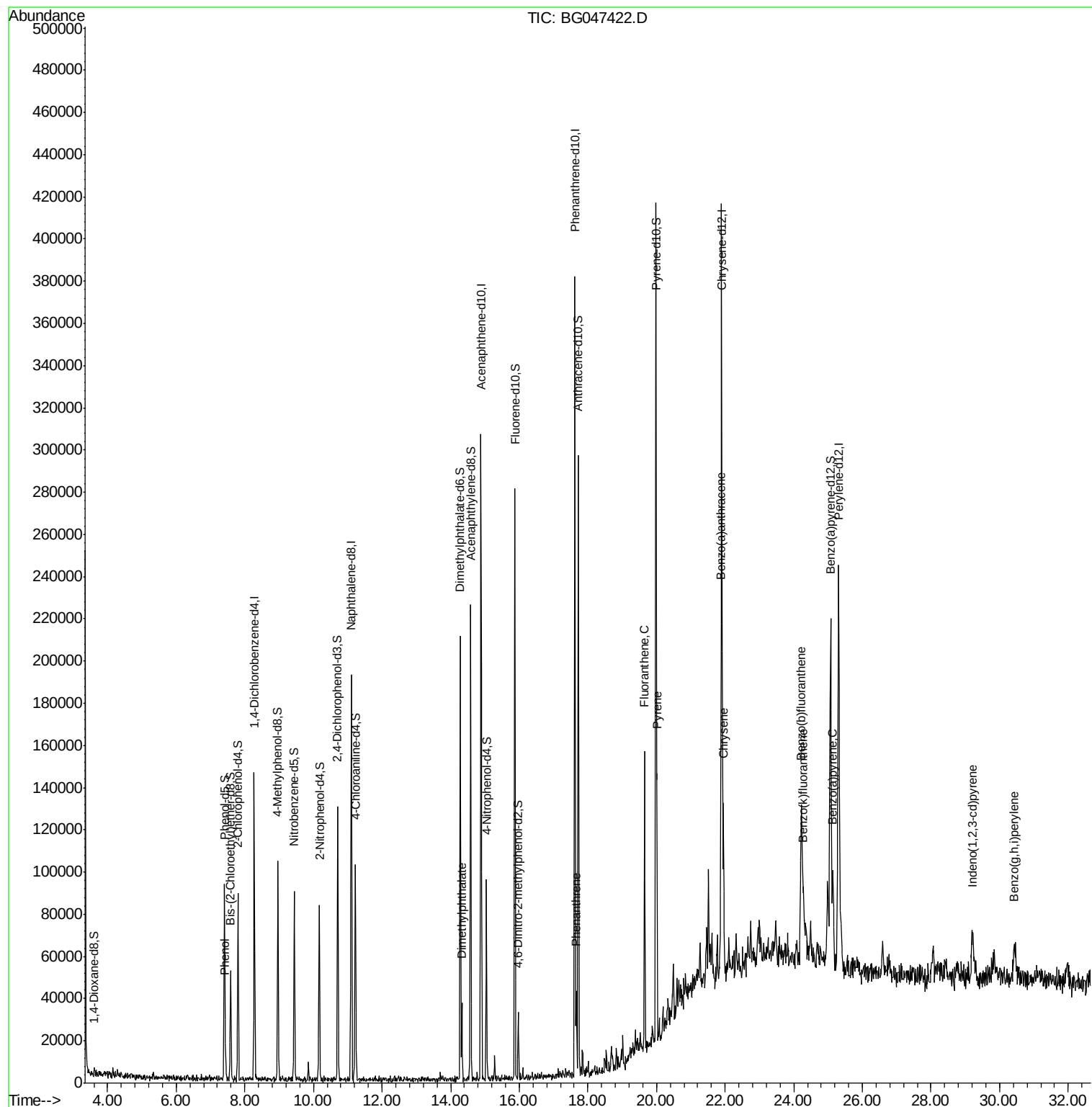
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047422.D
Acq On : 23 Nov 2020 18:32
Operator : CG/JU
Sample : L4749-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

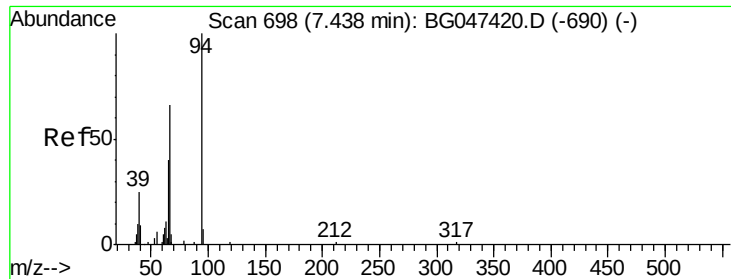
Instrument :
BNA_G
ClientSampled :
C0B16

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:59 PM

Quant Time: Nov 24 01:19:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.851 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

ClientSampled :

C0B16

Tot Ion: 94 Resp: 6437

Ion Ratio Lower Upper

94 100

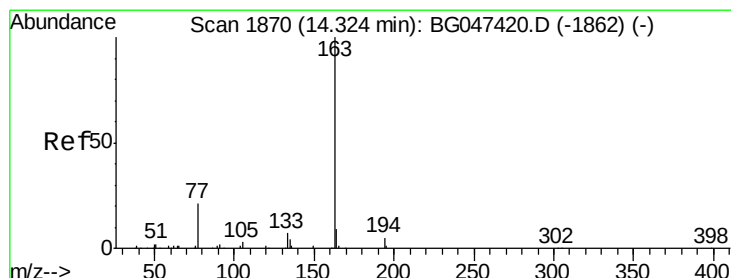
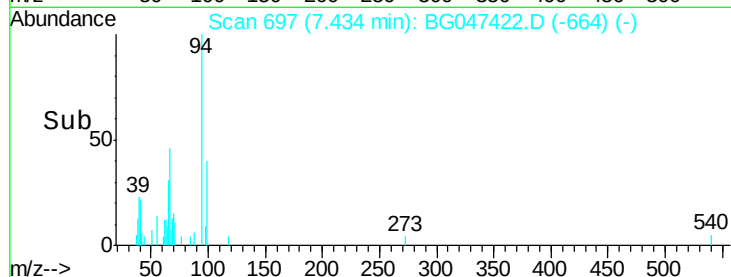
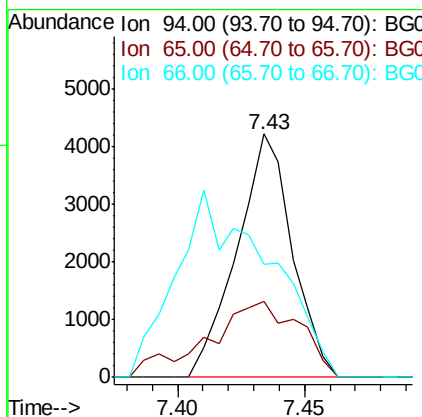
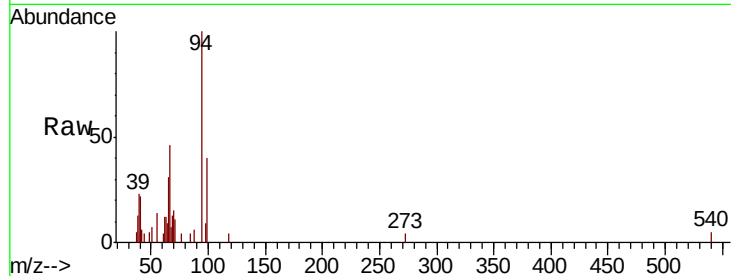
65 31.3 37.8 56.8#

66 46.3 51.6 77.4#

Manual Integrations
APPROVED

mohammad

11/25/2020 12:46:59 PM



#45

Dimethylphthalate

Concen: 2.007 ng/ul

RT: 14.33 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

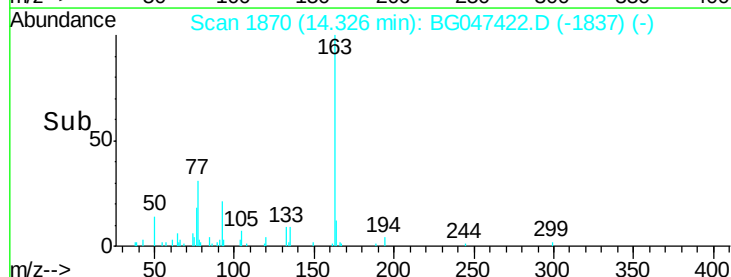
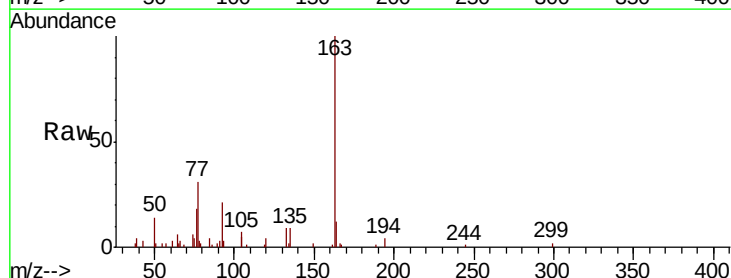
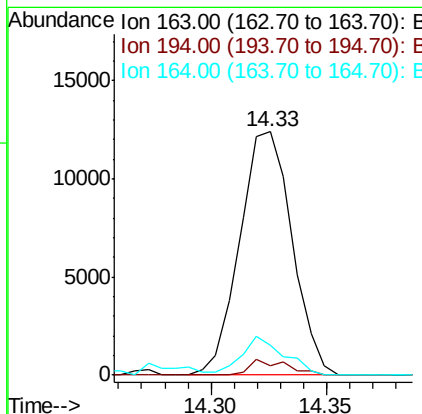
Tgt Ion: 163 Resp: 19551

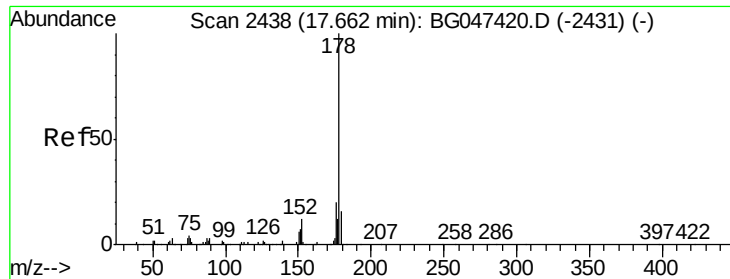
Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

164 12.4 8.5 12.7





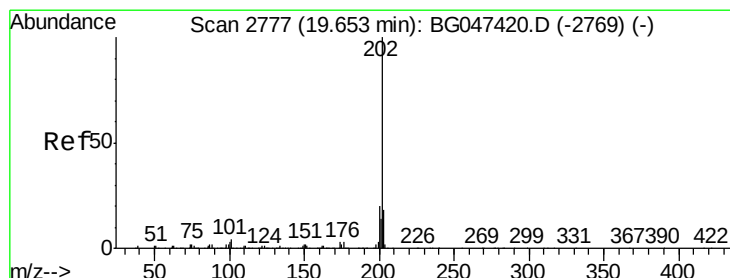
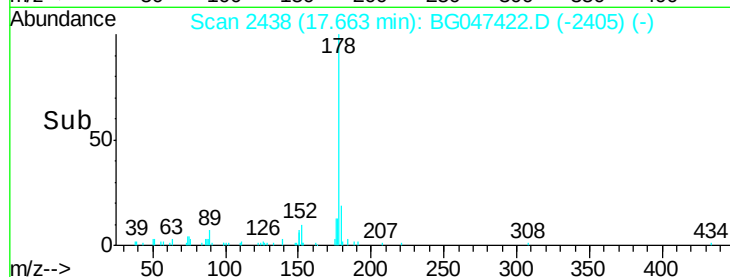
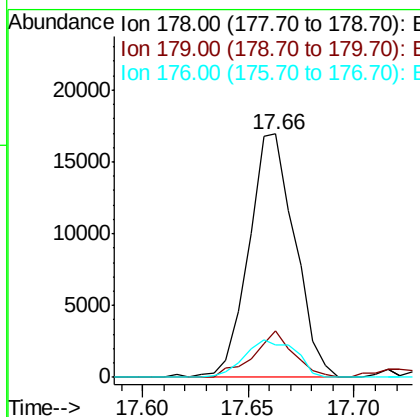
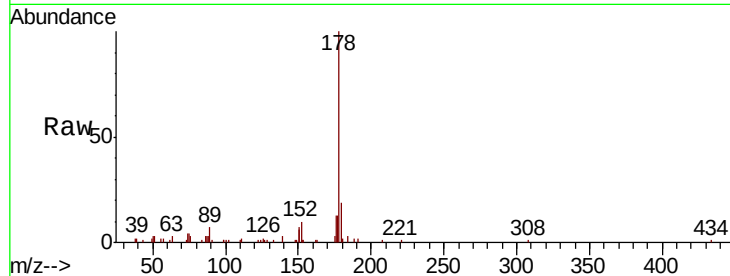
#70
Phenanthrene
Concen: 1.926 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG047422.D
Acq: 23 Nov 2020 18:32

Instrument :
BNA_G
ClientSampleId :
C0B16

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	11.8	17.6#
176	13.4	13.9	20.9#

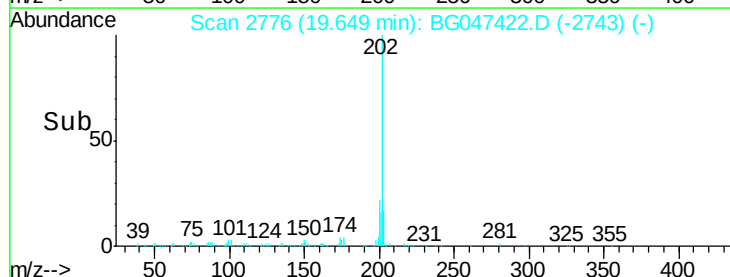
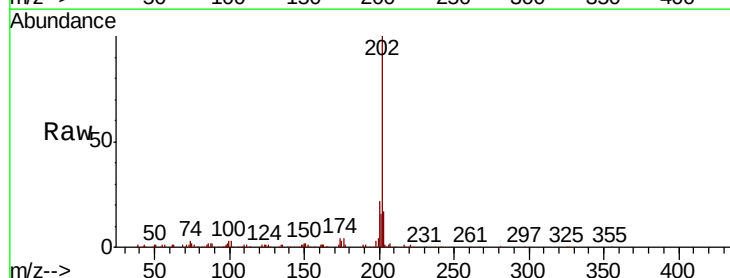
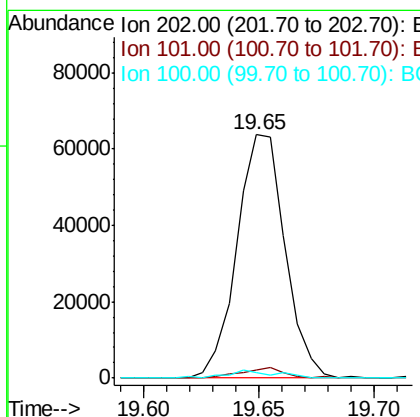
Manual Integrations
APPROVED

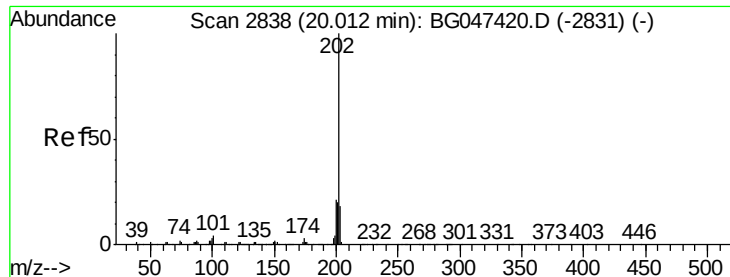
mohammad
11/25/2020 12:46:59 PM



#77
Fluoranthene
Concen: 5.489 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG047422.D
Acq: 23 Nov 2020 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.1	3.0	4.6
100	2.5	3.0	4.6#





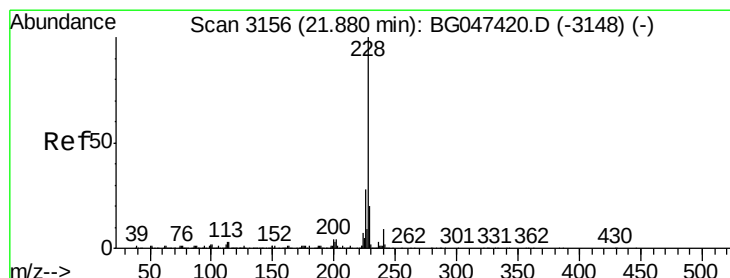
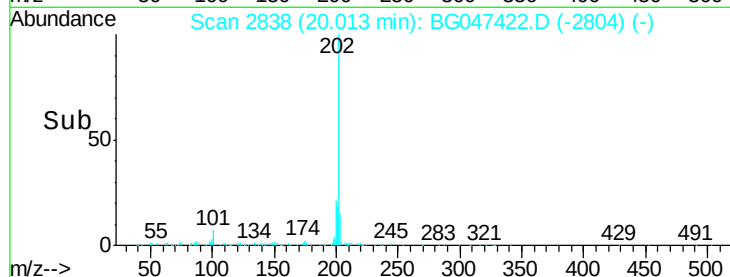
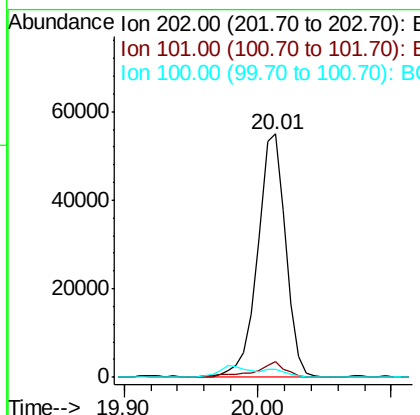
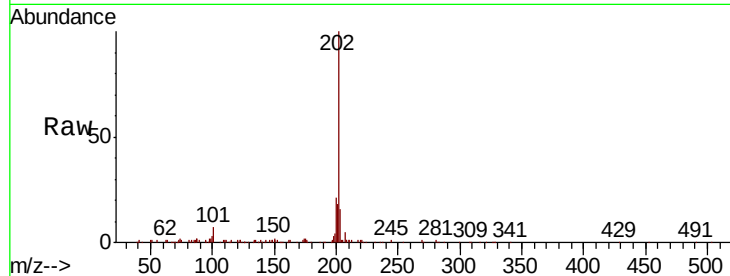
#80
 Pvrene
 Concen: 5.152 ng/ul
 RT: 20.01 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG047422.D
 Acq: 23 Nov 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 C0B16

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.7	3.5	5.3#
100	3.5	3.4	5.0

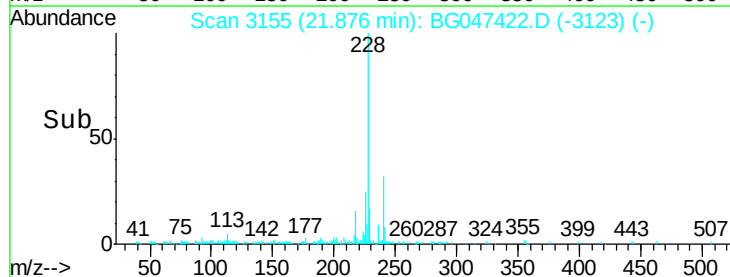
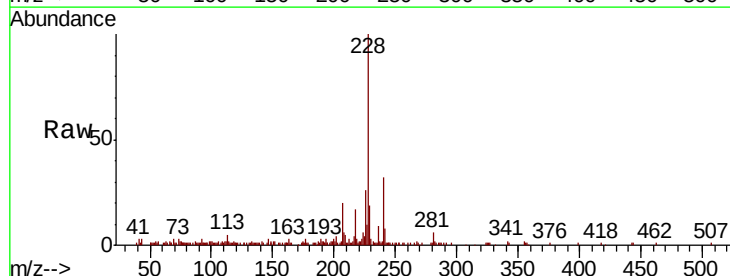
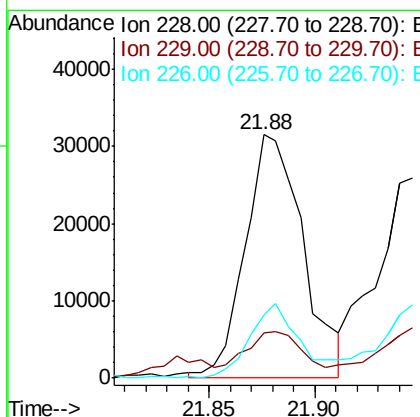
Manual Integrations
 APPROVED

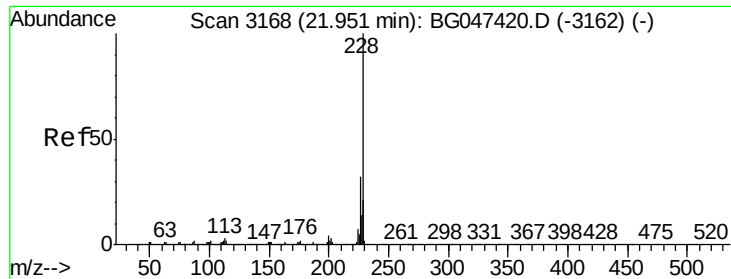
mohammad
 11/25/2020 12:46:59 PM



#83
 Benzo(a)anthracene
 Concen: 3.861 ng/ul
 RT: 21.88 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG047422.D
 Acq: 23 Nov 2020 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.6	23.4
226	25.8	21.7	32.5





#85

Chrysene

Concen: 4.205 ng/ul

RT: 21.95 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

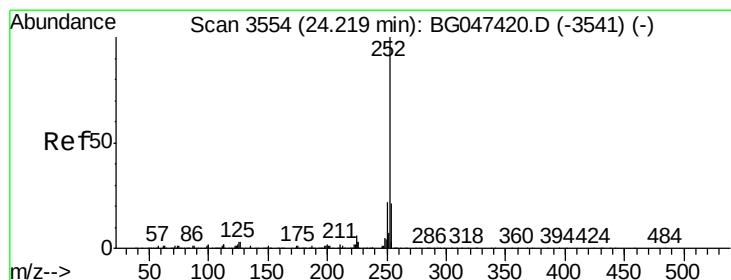
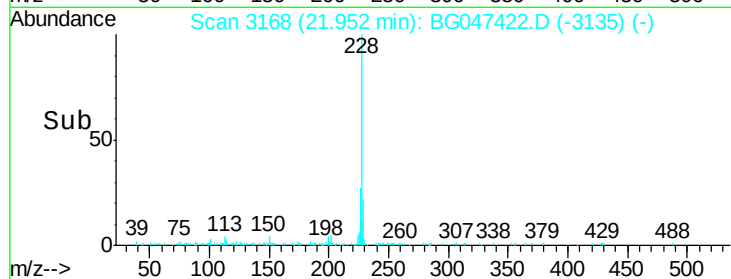
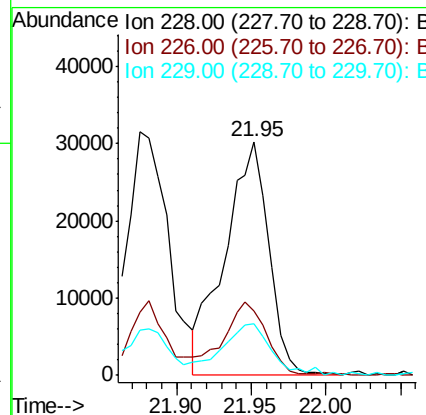
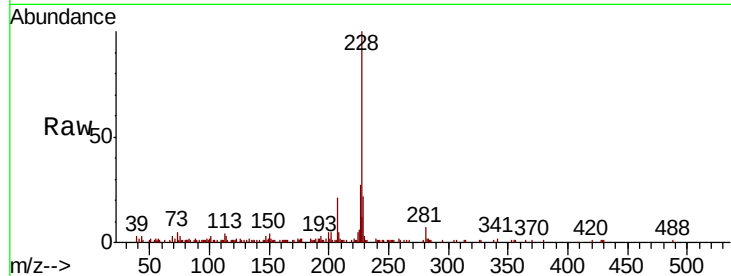
ClientSampleId :

C0B16

Tot Ion:	228	Resp:	62113
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	22.1	16.5	24.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:59 PM



#88

Benzo(b)fluoranthene

Concen: 6.020 ng/ul m

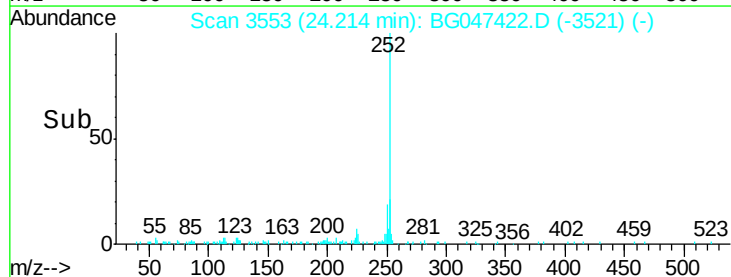
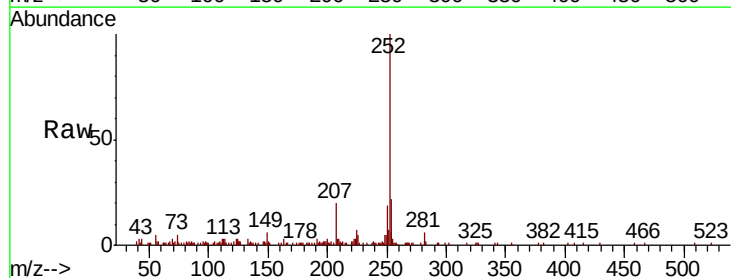
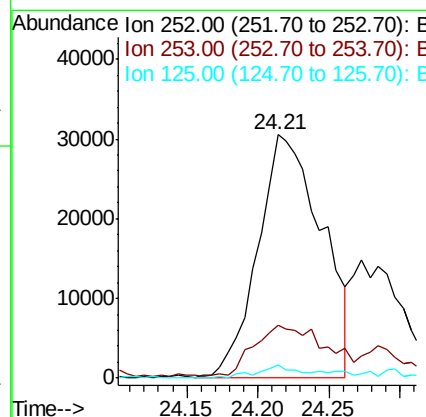
RT: 24.21 min Scan# 3553

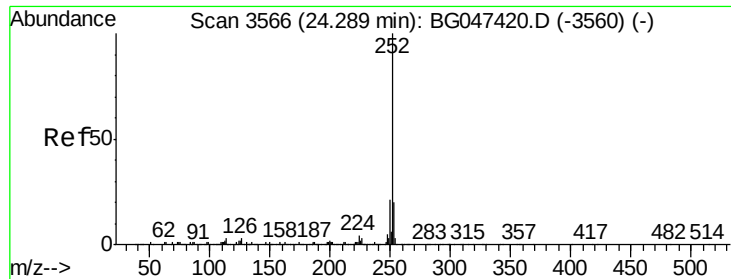
Delta R.T. -0.01 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Tgt Ion:	252	Resp:	95919
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.6	25.0
125	1.9	2.7	4.1#





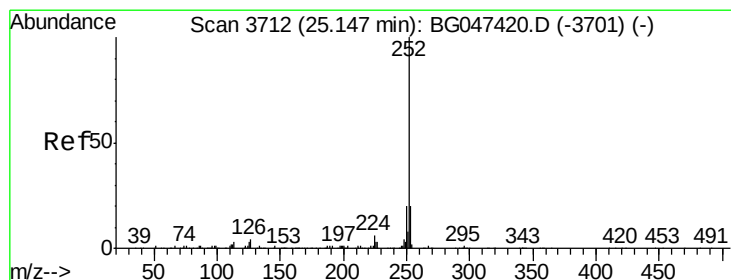
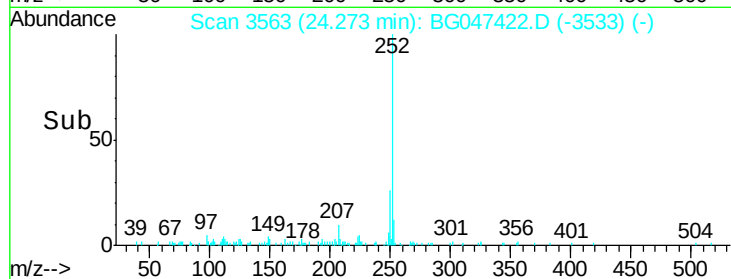
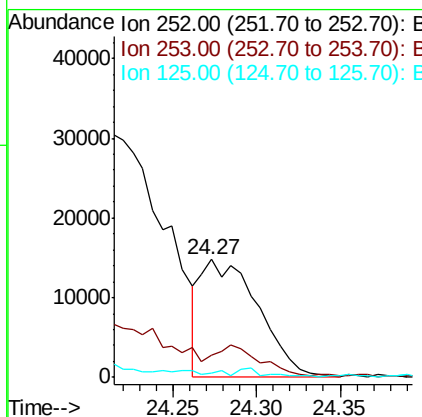
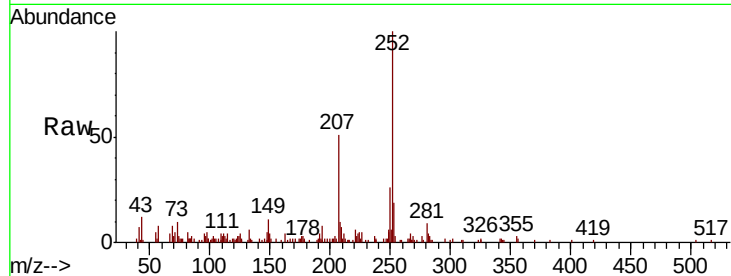
#89
Benzo(k)fluoranthene
Concen: 2.261 ng/ul m
RT: 24.27 min Scan# 3563
Delta R.T. -0.02 min
Lab File: BG047422.D
Acq: 23 Nov 2020 18:32

Instrument :
BNA_G
ClientSampled :
C0B16

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.6	18.2	27.4
125	3.7	2.2	3.2#

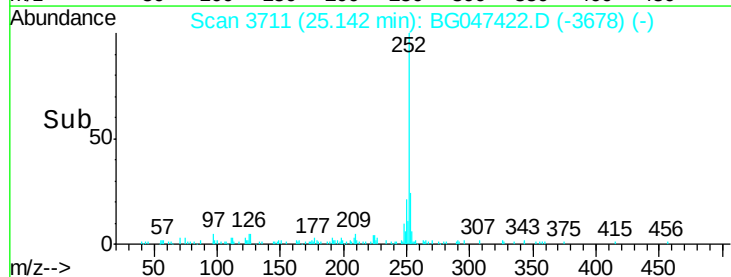
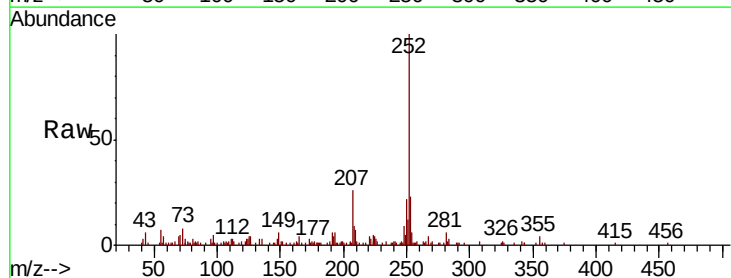
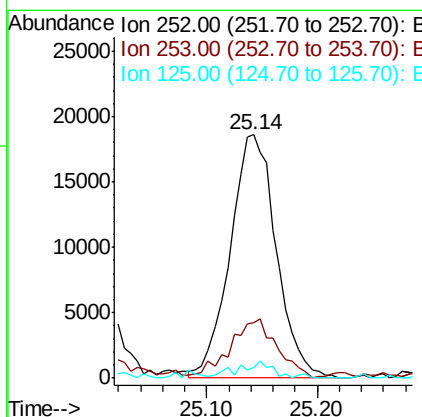
Manual Integrations
APPROVED

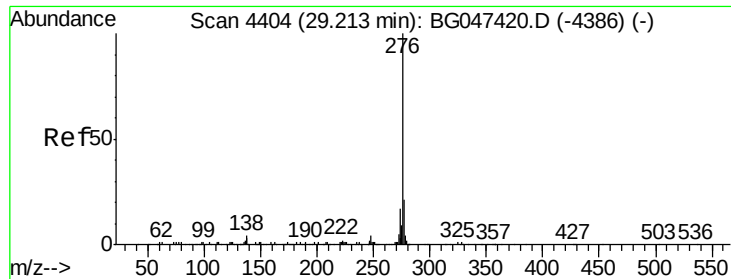
mohammad
11/25/2020 12:46:59 PM



#91
Benzo(a)pyrene
Concen: 3.825 ng/ul
RT: 25.14 min Scan# 3711
Delta R.T. -0.00 min
Lab File: BG047422.D
Acq: 23 Nov 2020 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	4.5	3.1	4.7





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.429 ng/ul m

RT: 29.21 min Scan# 4403

Delta R.T. -0.01 min

Lab File: BG047422.D

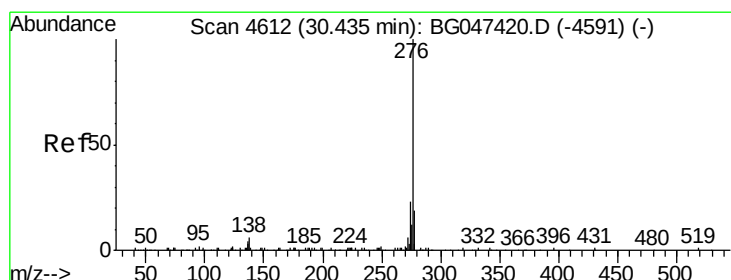
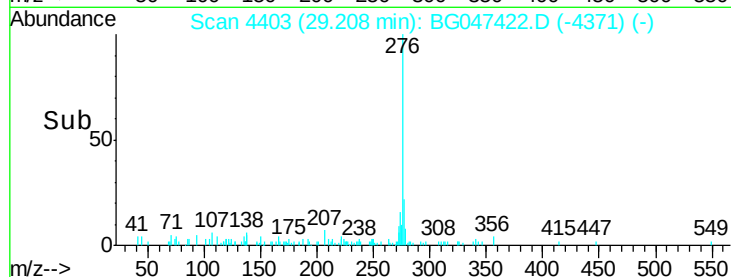
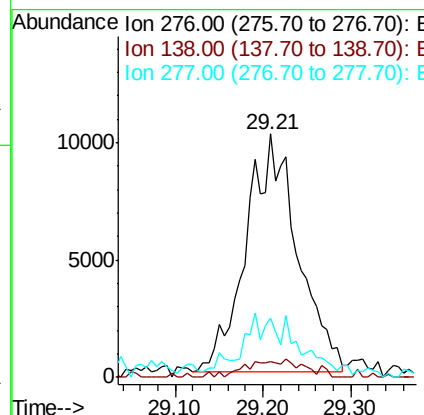
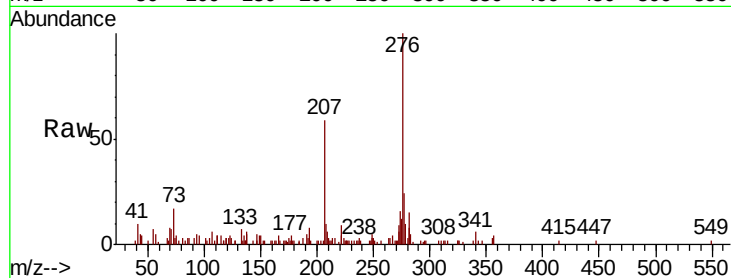
Acq: 23 Nov 2020 18:32

Instrument :
BNA_G
ClientSampleId :
C0B16

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	5.0	7.6
277	24.4	16.5	24.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:59 PM



#94

Benzo(g,h,i)perylene

Concen: 2.389 ng/ul m

RT: 30.43 min Scan# 4611

Delta R.T. -0.02 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.7	5.8	8.6#
277	17.9	17.4	26.2

