

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047362.D
 Acq On : 19 Nov 2020 21:24
 Operator : CG/JU
 Sample : L4710-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B40

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:48 PM

Quant Time: Nov 20 04:52:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	48915	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	197824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	148753	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	348478	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	303505	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	317968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2086	1.55	ng/uL	0.00
5) Phenol-d5	7.41	99	61817	12.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	42952	15.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48378	14.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	37156	9.86	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	25057	15.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	29242	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	59666	14.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	51463	12.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	191957	15.03	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	252427	17.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	13282	6.82	ng/ul	0.00
58) Fluorene-d10	15.87	176	183252	15.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	19603	9.88	ng/ul	0.00
71) Anthracene-d10	17.72	188	281571	16.29	ng/ul	0.00
79) Pyrene-d10	19.98	212	313613	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	306674	16.76	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	83263	6.392	ng/ul	98
70) Phenanthrene	17.66	178	153850	8.175	ng/ul	98
72) Anthracene	17.75	178	23681	1.250	ng/ul	95
75) Carbazole	18.00	167	15473	1.012	ng/ul#	92
77) Fluoranthene	19.65	202	442431	18.616	ng/ul	99
80) Pyrene	20.01	202	346537	16.119	ng/ul	99
83) Benzo(a)anthracene	21.88	228	176180	8.158	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.78	149	21440	2.037	ng/ul#	87
85) Chrysene	21.95	228	198238	9.646	ng/ul	97
88) Benzo(b)fluoranthene	24.22	252	268084	11.941	ng/ul#	97
89) Benzo(k)fluoranthene	24.28	252	95146m	4.301	ng/ul	
91) Benzo(a)pyrene	25.14	252	172469	8.618	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.20	276	134861m	5.540	ng/ul	
93) Dibenzo(a,h)anthracene	29.26	278	32653m	1.636	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	116176m	5.784	ng/ul	

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

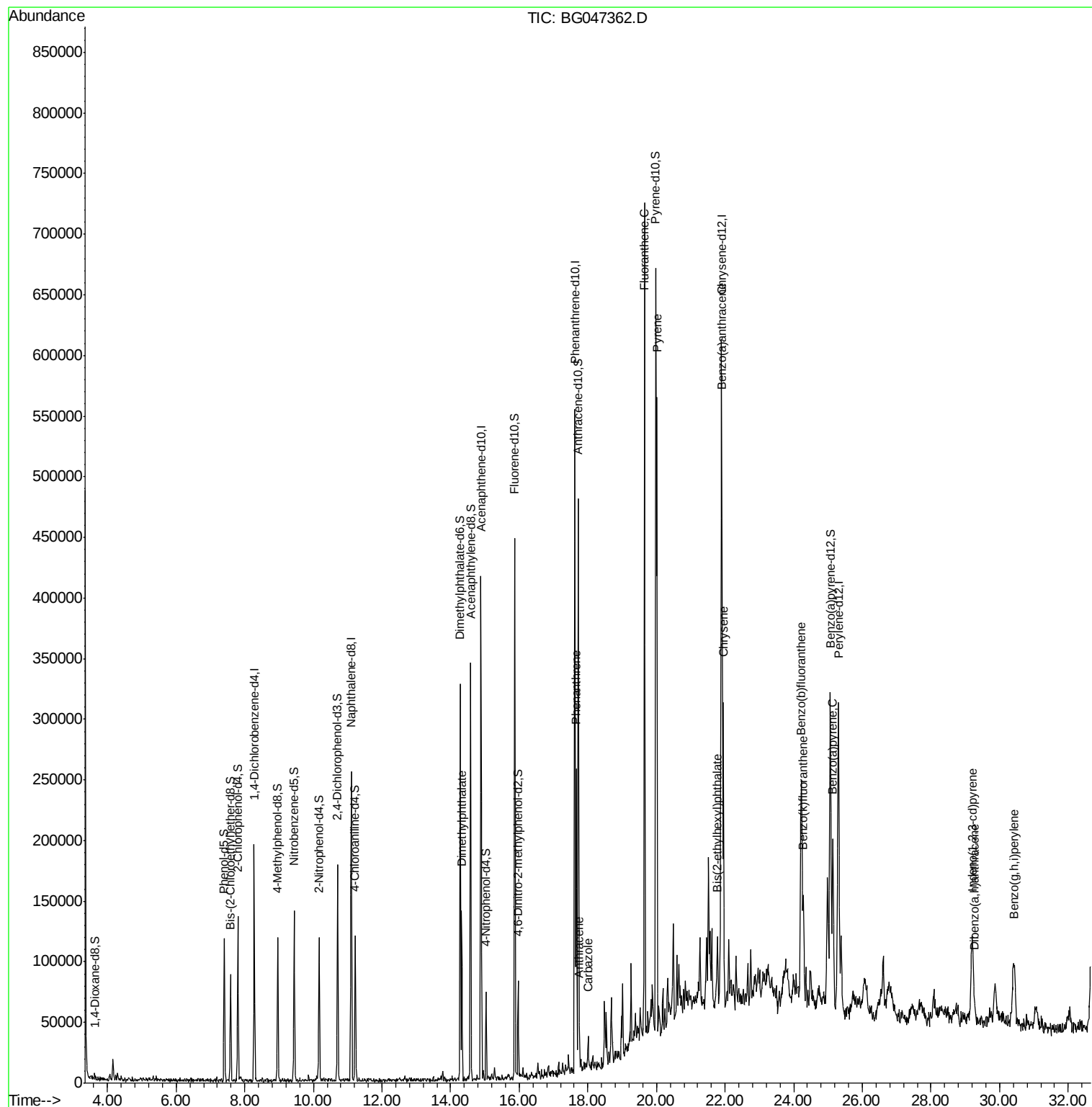
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047362.D
Acq On : 19 Nov 2020 21:24
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

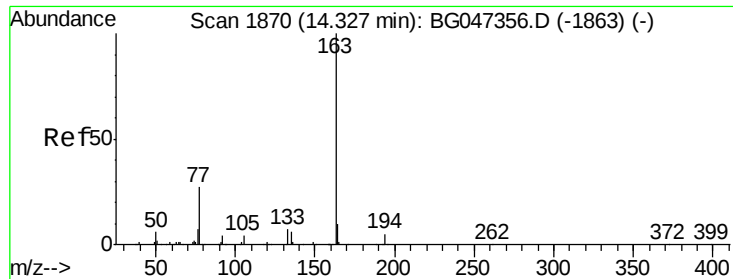
Instrument :
BNA_G
ClientSampled :
C0B40

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:48 PM

Quant Time: Nov 20 04:52:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration





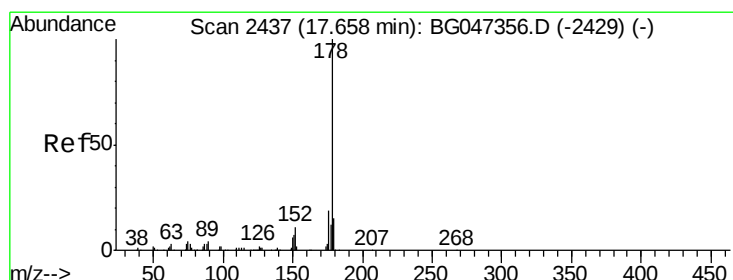
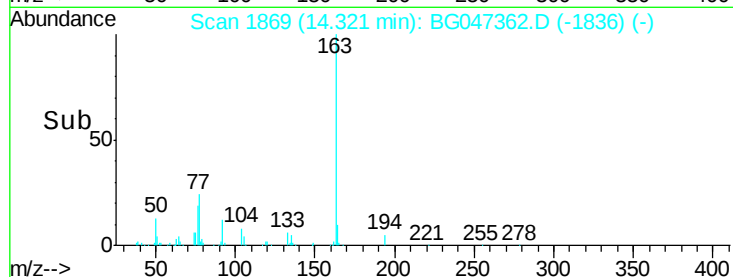
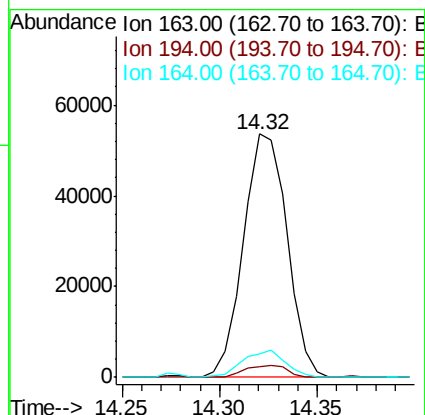
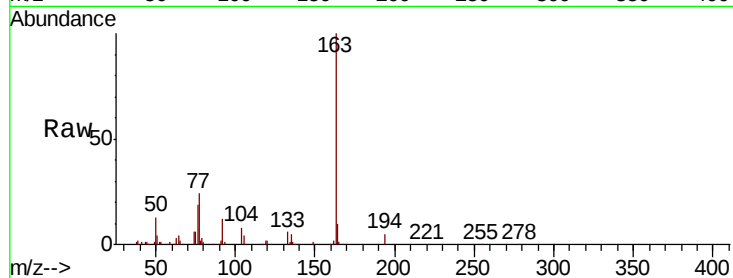
#45
Dimethylphthalate
Concen: 6.392 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047362.D
Acq: 19 Nov 2020 21:24

Instrument :
BNA_G
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	8.8	13.2

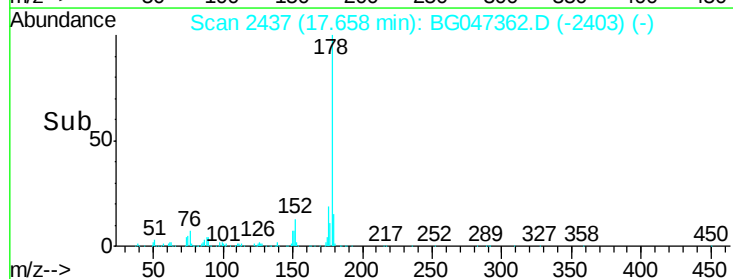
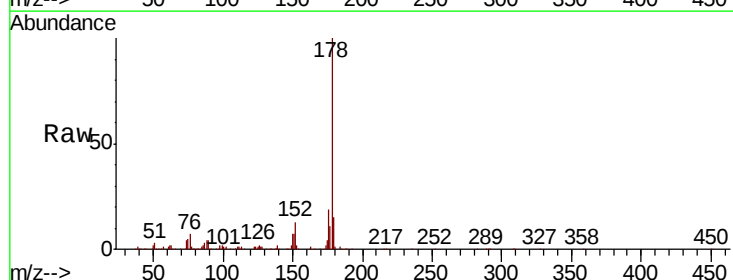
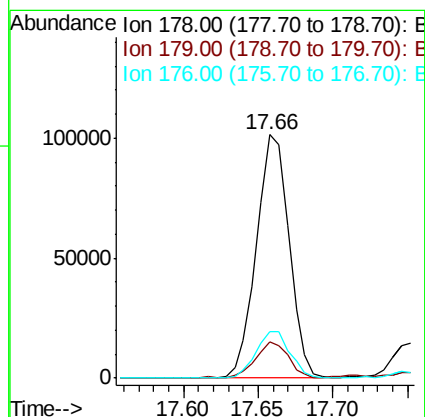
Manual Integrations
APPROVED

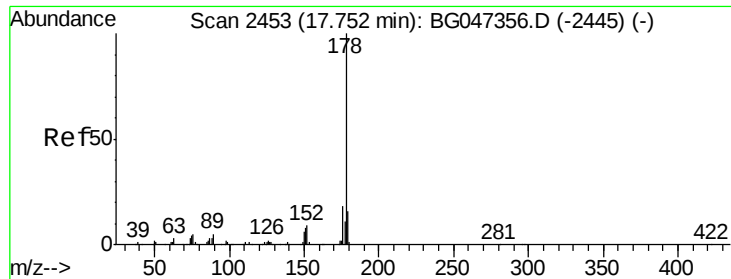
mohammad
11/23/2020 1:28:48 PM



#70
Phenanthrene
Concen: 8.175 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047362.D
Acq: 19 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.8	19.2
176	19.1	15.7	23.5





#72

Anthracene

Concen: 1.250 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

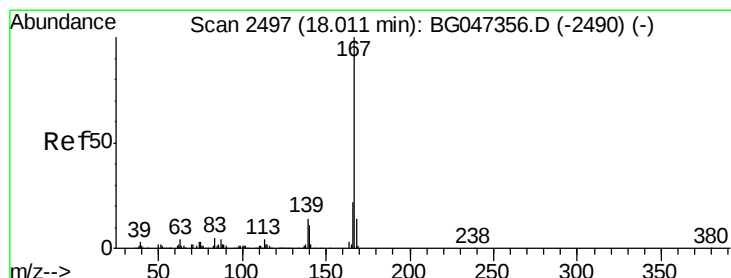
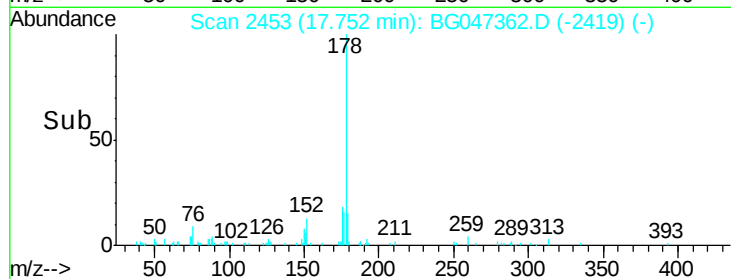
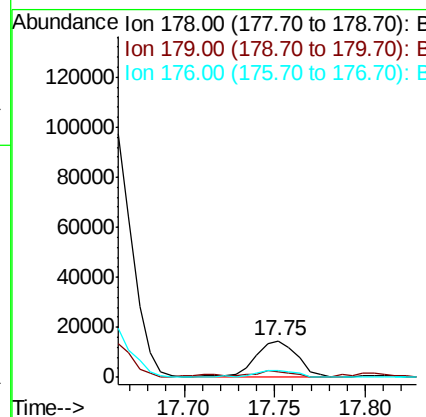
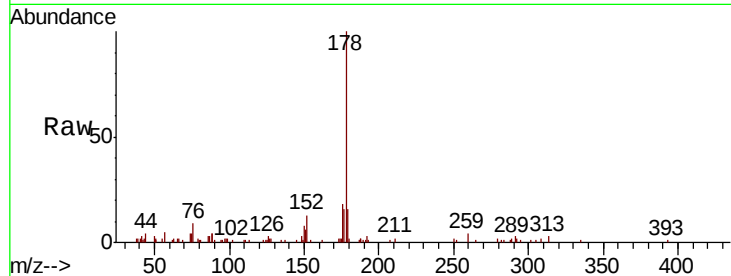
ClientSampleId :

C0B40

Tot Ion:	178	Resp:	23681
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	17.6	16.2	24.4

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:48 PM



#75

Carbazole

Concen: 1.012 ng/ul

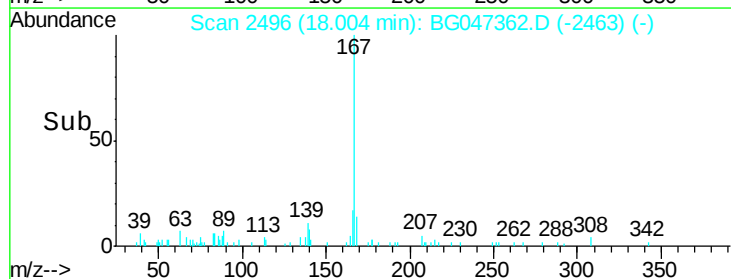
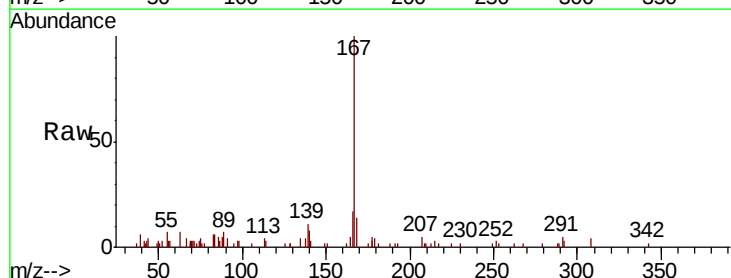
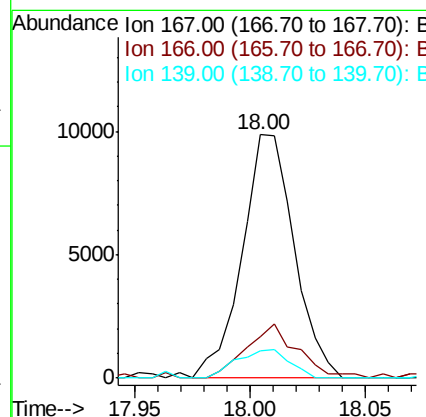
RT: 18.00 min Scan# 2496

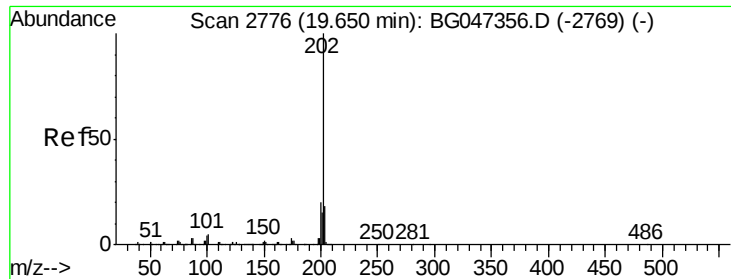
Delta R.T. -0.01 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Tgt Ion:	167	Resp:	15473
Ion	Ratio	Lower	Upper
167	100		
166	16.8	17.8	26.6#
139	11.2	9.9	14.9





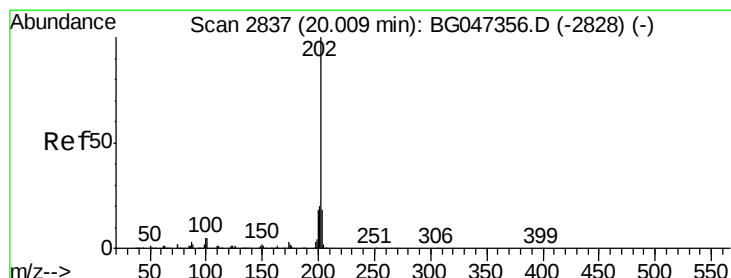
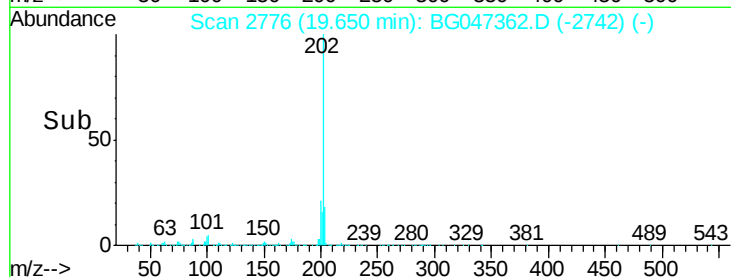
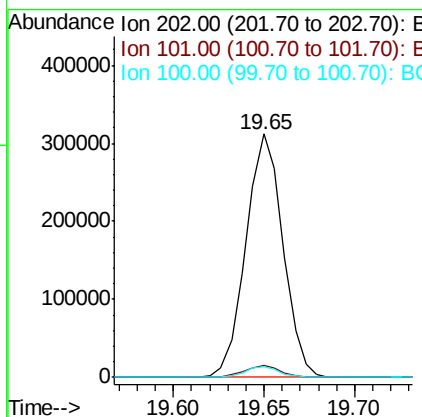
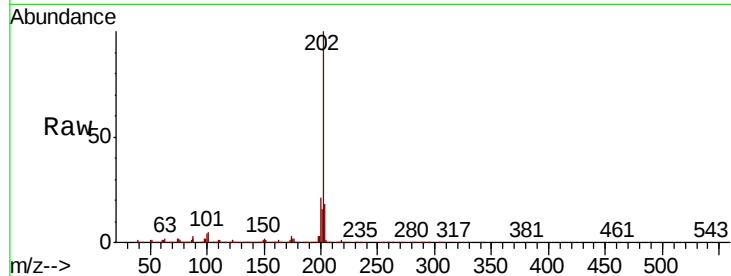
#77
 Fluoranthene
 Concen: 18.616 ng/ul
 RT: 19.65 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Instrument :
 BNA_G
 ClientSampleId :
 C0B40

Tot Ion:	202	Resp:	442431
Ion Ratio	Lower	Upper	
202	100		
101	4.7	3.3	4.9
100	4.3	3.4	5.0

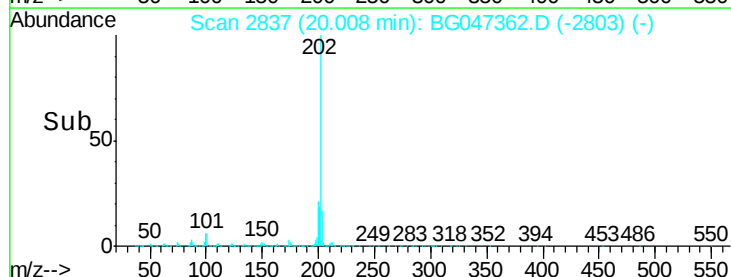
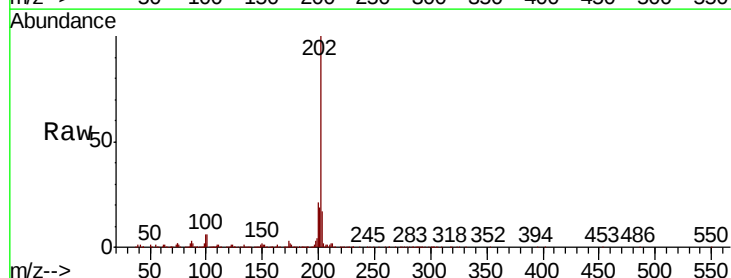
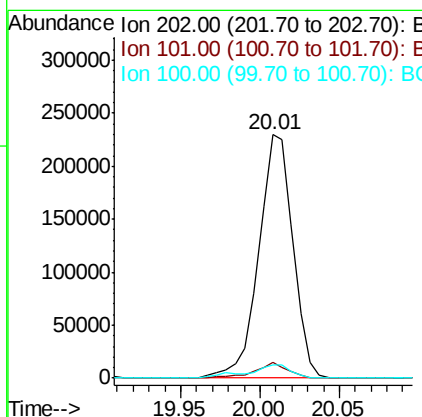
Manual Integrations
 APPROVED

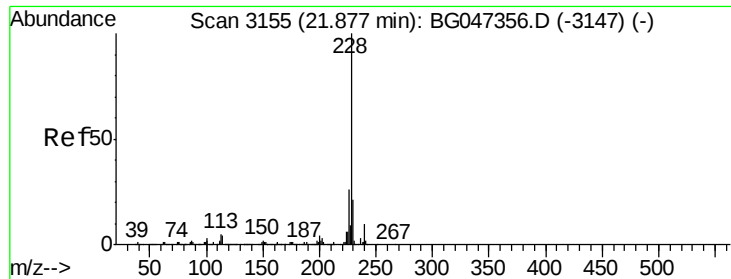
mohammad
 11/23/2020 1:28:48 PM



#80
 Pyrene
 Concen: 16.119 ng/ul
 RT: 20.01 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Tgt Ion:	202	Resp:	346537
Ion Ratio	Lower	Upper	
202	100		
101	6.4	5.0	7.4
100	5.6	4.6	7.0





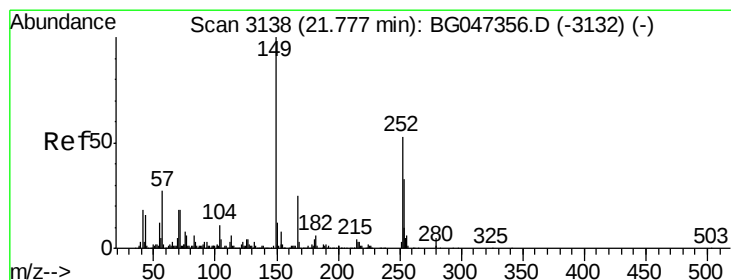
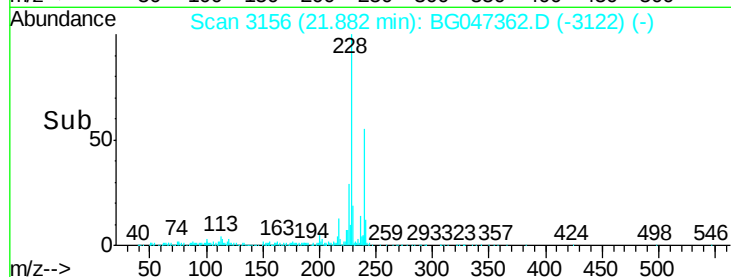
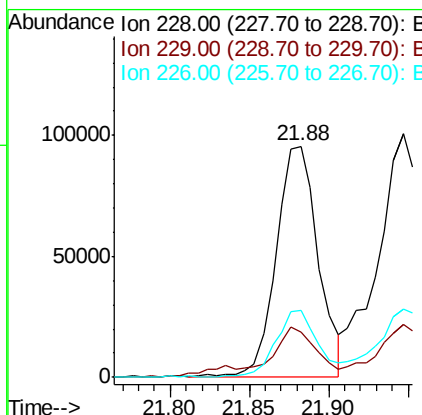
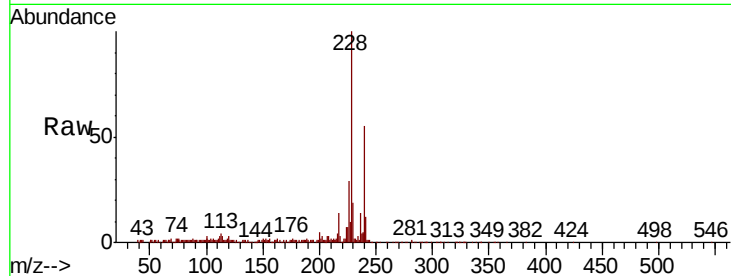
#83
Benzo(a)anthracene
Concen: 8.158 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG047362.D
Acq: 19 Nov 2020 21:24

Instrument :
BNA_G
ClientSampled :
C0B40

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.2	24.2
226	29.2	23.3	34.9

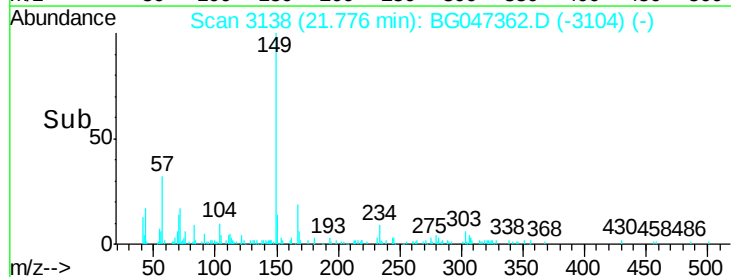
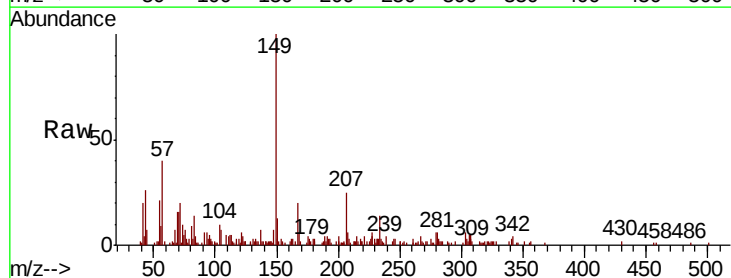
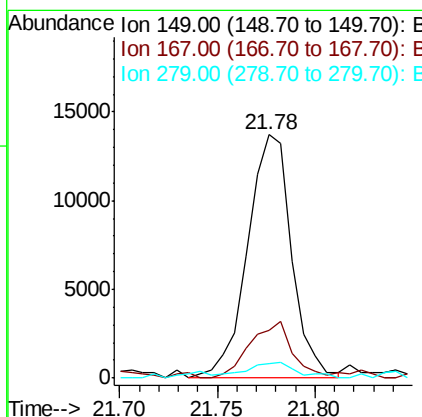
Manual Integrations
APPROVED

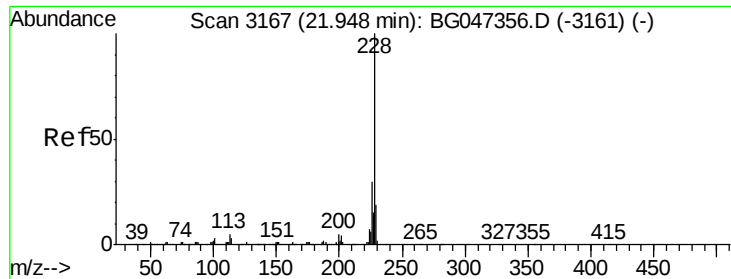
mohammad
11/23/2020 1:28:48 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.037 ng/ul
RT: 21.78 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG047362.D
Acq: 19 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	19.6	21.8	32.8#
279	6.2	4.2	6.2





#85

Chrysene

Concen: 9.646 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

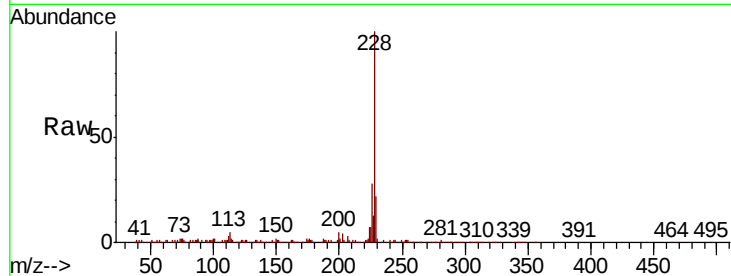
ClientSampled :

C0B40

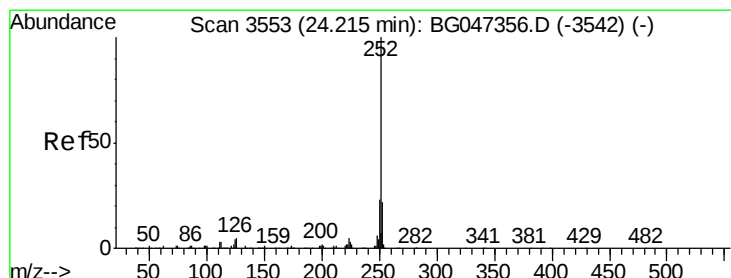
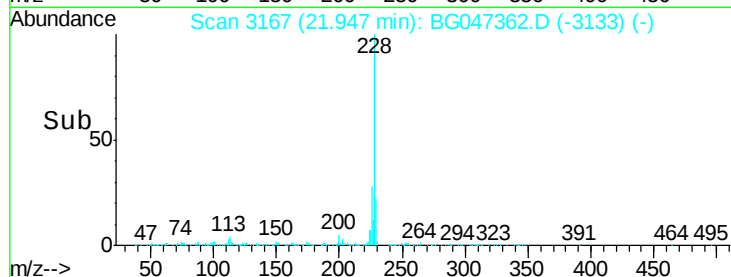
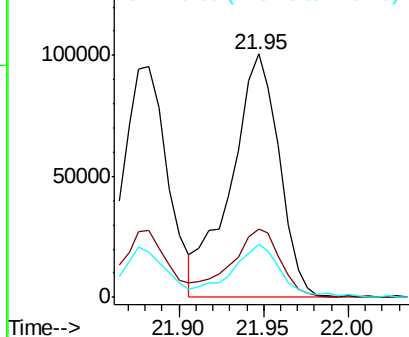
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.8	35.6
229	21.9	16.3	24.5

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:48 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 11.941 ng/ul

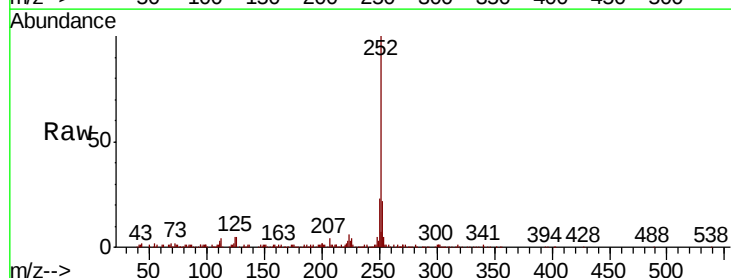
RT: 24.22 min Scan# 3554

Delta R.T. 0.01 min

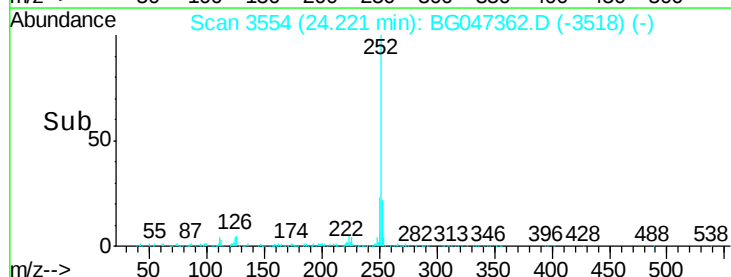
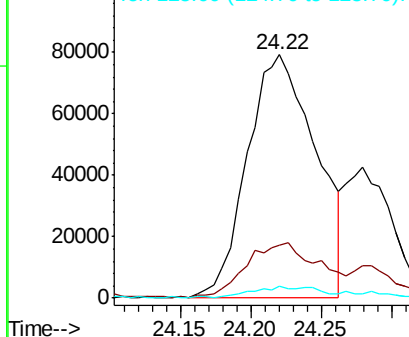
Lab File: BG047362.D

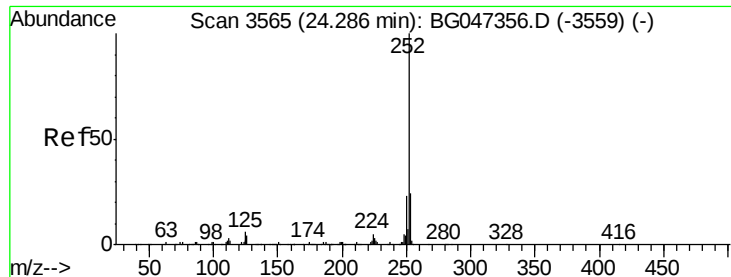
Acq: 19 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	4.7	2.5	3.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.301 ng/ul

RT: 24.28 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

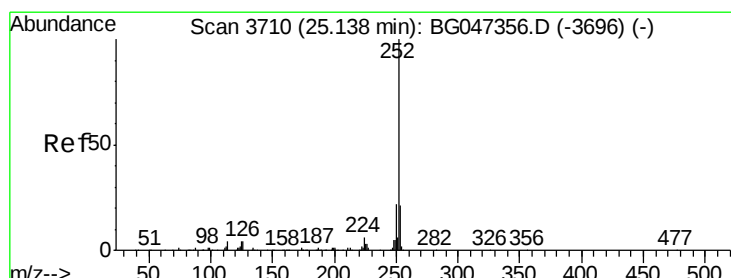
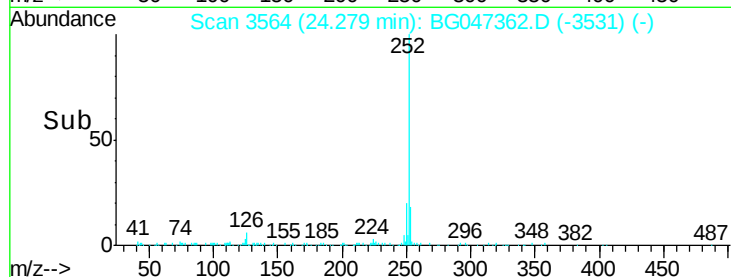
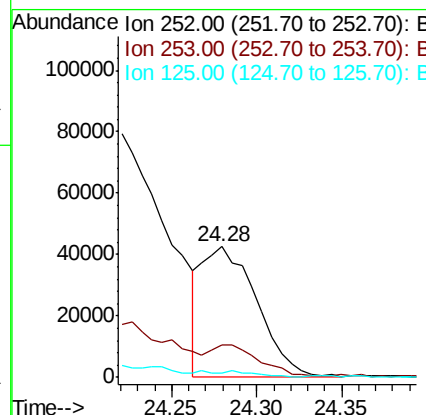
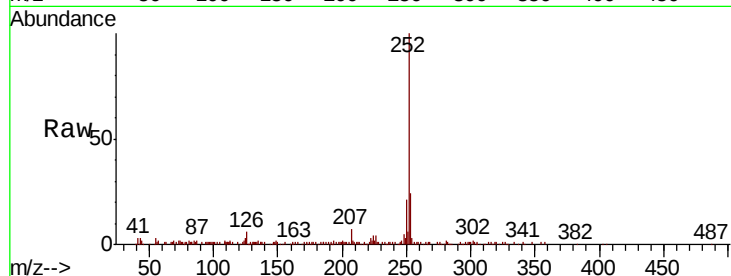
ClientSampleId :

C0B40

Tot Ion:	252	Resp:	95146
Ion Ratio	Lower	Upper	
252	100		
253	24.5	16.7	25.1
125	3.4	2.6	3.8

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:48 PM



#91

Benzo(a)pyrene

Concen: 8.618 ng/ul

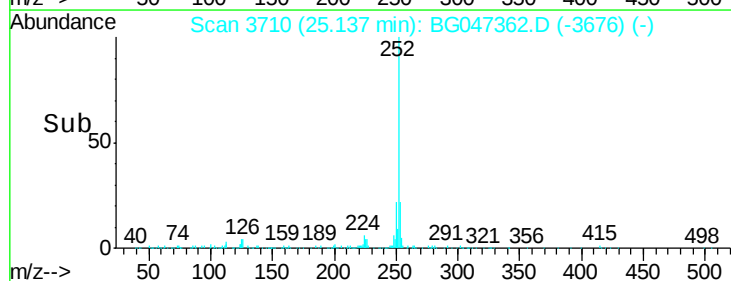
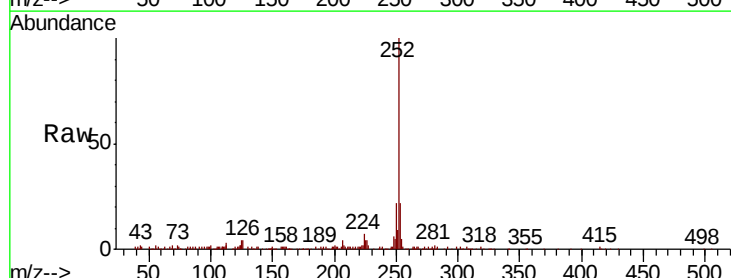
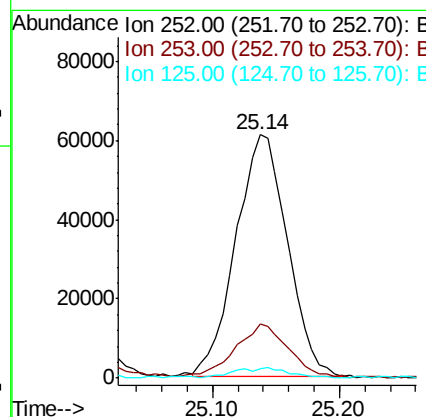
RT: 25.14 min Scan# 3710

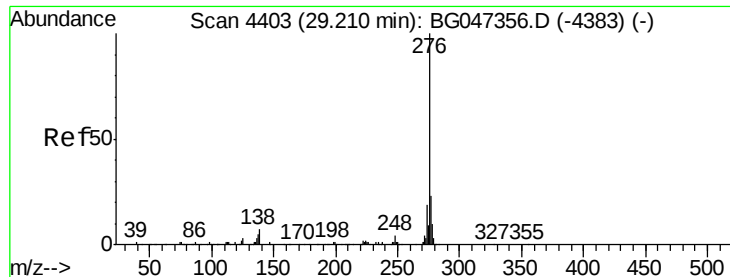
Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Tgt Ion:	252	Resp:	172469
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	3.9	3.1	4.7





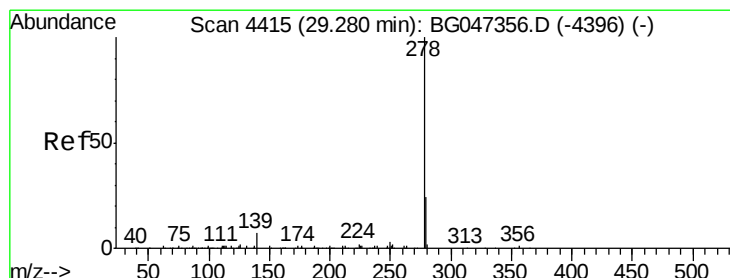
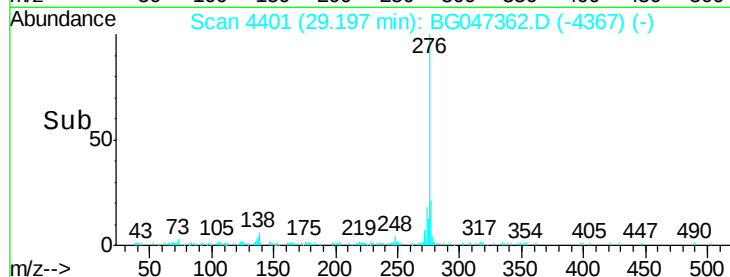
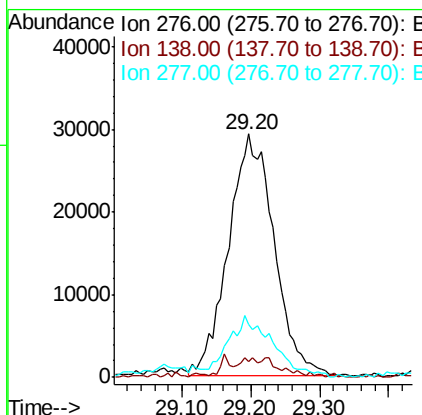
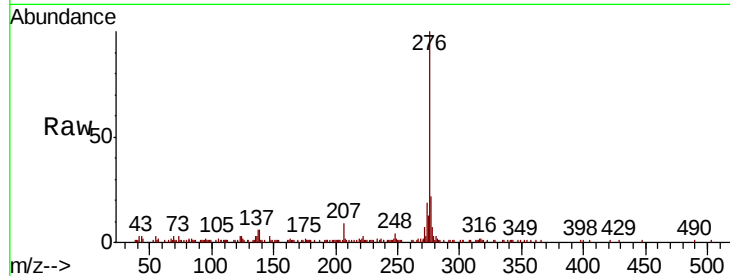
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.540 ng/ul m
 RT: 29.20 min Scan# 4401
 Delta R.T. 0.00 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Instrument :
 BNA_G
 ClientSampleId :
 C0B40

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	7.5	11.3#
277	21.7	19.9	29.9

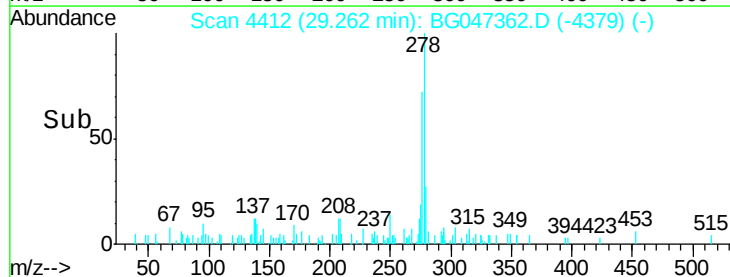
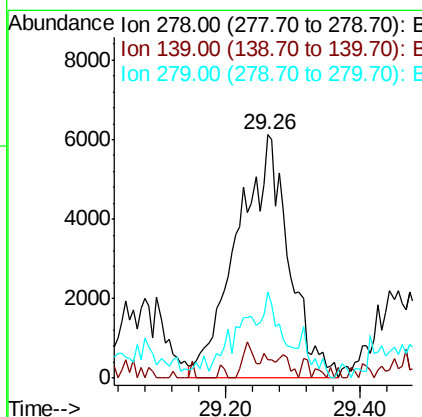
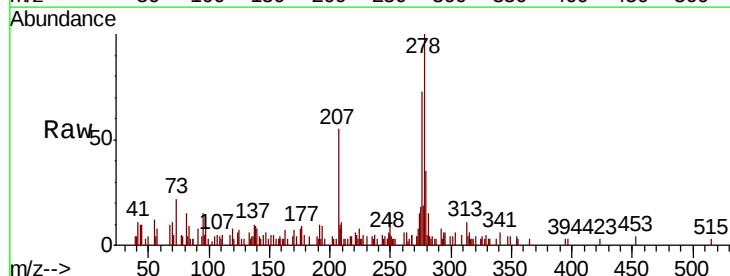
Manual Integrations
 APPROVED

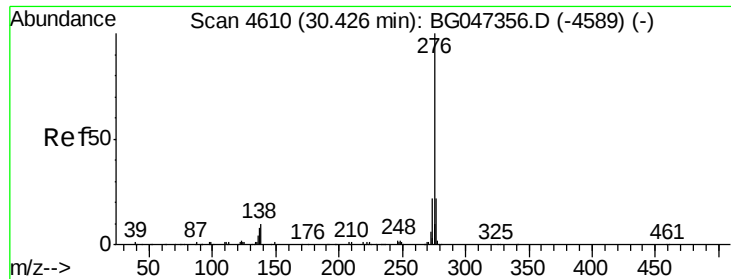
mohammad
 11/23/2020 1:28:48 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.636 ng/ul m
 RT: 29.26 min Scan# 4412
 Delta R.T. -0.01 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.7	5.8	8.6
279	35.3	20.0	30.0#





#94
 Benzo(a,h,i)perylene
 Concen: 5.784 ng/ul m
 RT: 30.43 min Scan# 4611
 Delta R.T. 0.01 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Instrument :
 BNA_G
 ClientSampleId :
 C0B40

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	8.2	12.2#
277	21.2	17.5	26.3

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:48 PM

