

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047405.D
 Acq On : 21 Nov 2020 21:50
 Operator : CG/JU
 Sample : L4711-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B58

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:00 AM

Quant Time: Nov 23 05:51:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40542	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	163713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	121828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	262877m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	222295m	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	235903	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2204	1.98	ng/uL	0.00
5) Phenol-d5	7.41	99	66220	16.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	33830	14.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	46790	17.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	50854	16.28	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	22574	16.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26022	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	59908	17.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	46538	13.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	203670	19.47	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	239725	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	24051	15.07	ng/ul	0.01
58) Fluorene-d10	15.87	176	182213	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	21176	14.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	277925	21.31	ng/ul	0.00
79) Pyrene-d10	19.98	212	288699	22.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	282042	20.77	ng/ul	0.02
Target Compounds						
45) Dimethylphthalate	14.33	163	90067	8.443	ng/ul	99
70) Phenanthrene	17.66	178	107770m	7.592	ng/ul	
72) Anthracene	17.75	178	16120	1.128	ng/ul	98
75) Carbazole	18.02	167	15208	1.319	ng/ul#	90
77) Fluoranthene	19.66	202	481493	26.857	ng/ul	99
80) Pyrene	20.01	202	373825m	23.740	ng/ul	
83) Benzo(a)anthracene	21.88	228	226939m	14.348	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.77	149	44131m	5.725	ng/ul	
85) Chrysene	21.95	228	259411	17.235	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	318533	19.124	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	123021m	7.495	ng/ul	
91) Benzo(a)pyrene	25.15	252	198426m	13.364	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.22	276	159393	8.825	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.27	278	46373m	3.132	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	145384	9.755	ng/ul#	97

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

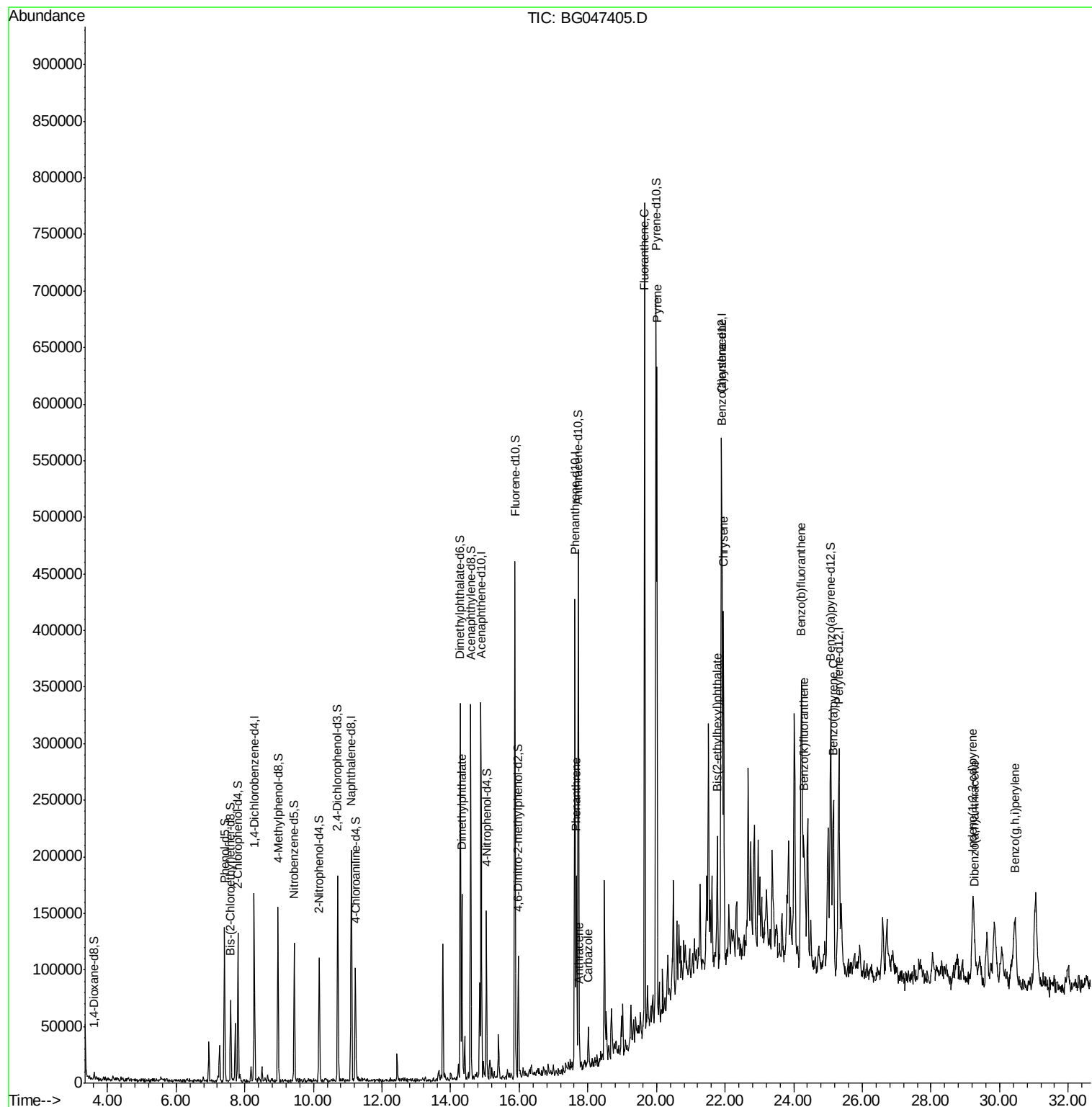
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047405.D
Acq On : 21 Nov 2020 21:50
Operator : CG/JU
Sample : L4711-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

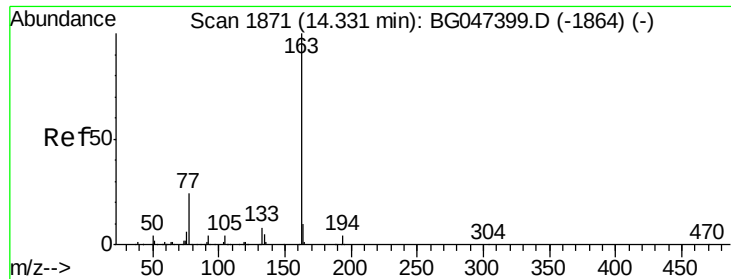
Instrument :
BNA_G
ClientSampleId :
C0B58

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:00 AM

Quant Time: Nov 23 05:51:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration





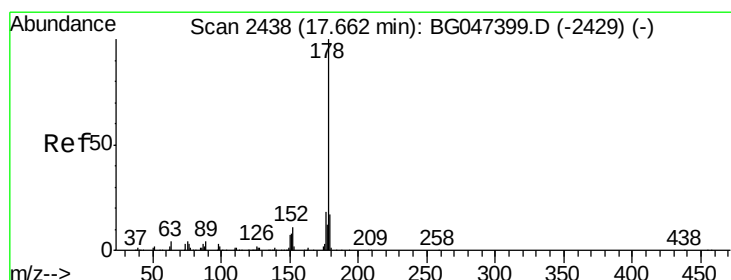
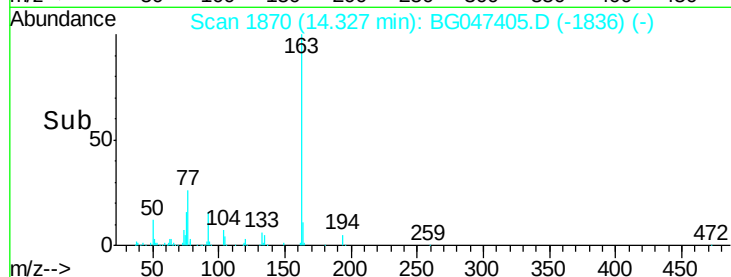
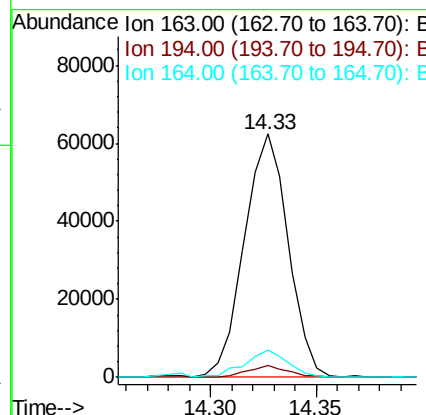
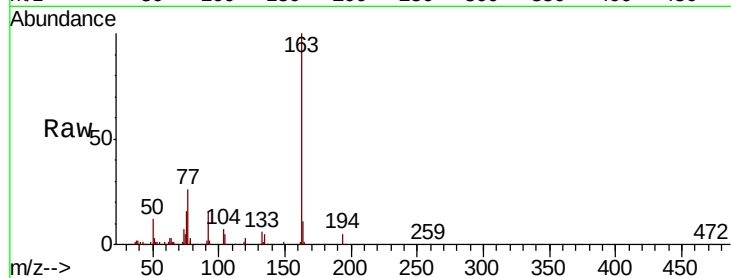
#45
Dimethylphthalate
Concen: 8.443 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Instrument :
BNA_G
ClientSampleId :
C0B58

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	11.1	8.8	13.2

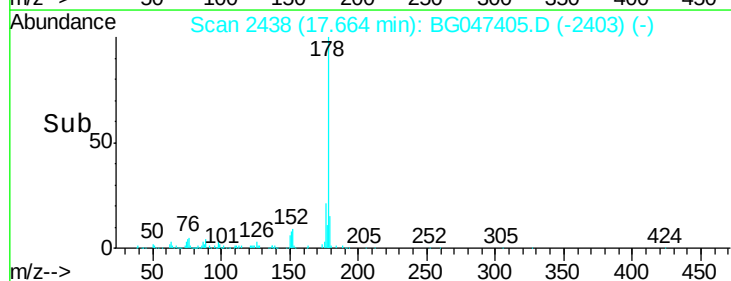
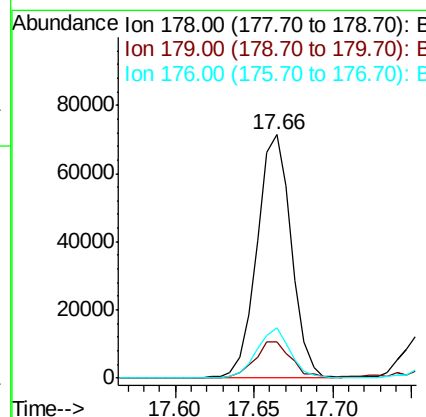
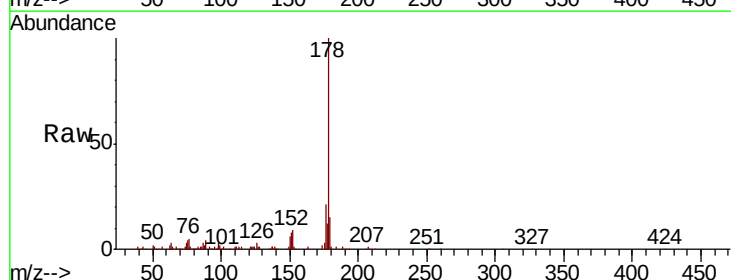
Manual Integrations
APPROVED

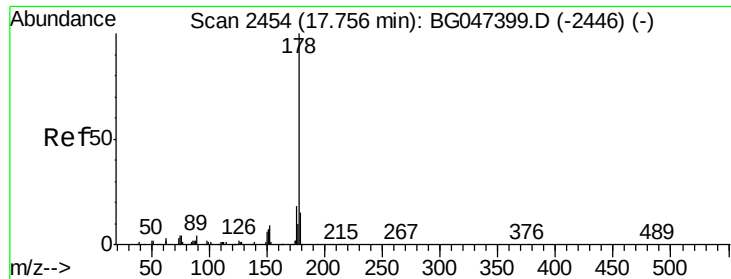
mohammad
11/24/2020 9:01:00 AM



#70
Phenanthrene
Concen: 7.592 ng/ul m
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.8	19.2
176	20.9	15.7	23.5





#72

Anthracene

Concen: 1.128 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Instrument :

BNA_G

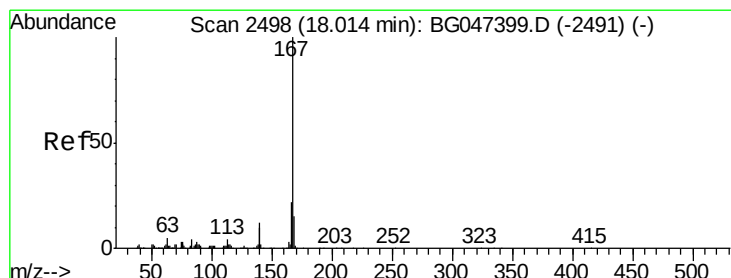
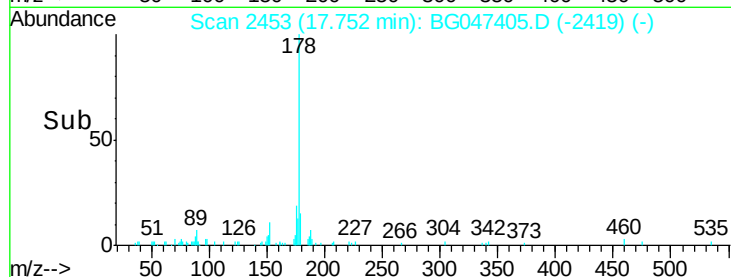
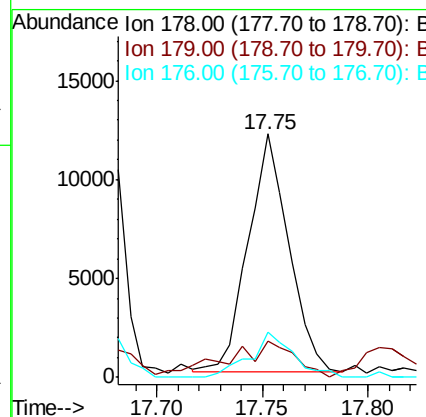
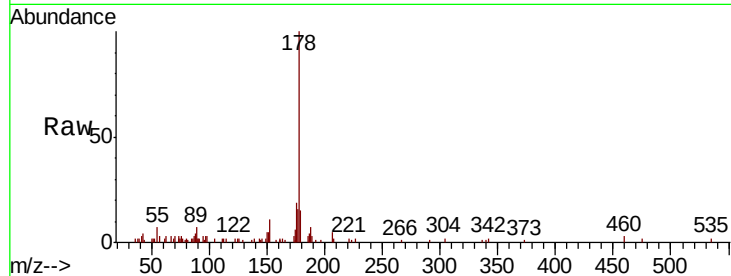
ClientSampleId :

C0B58

Tot Ion:178	Resp:	16120
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.2 18.2
176	18.6	16.2 24.4

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:00 AM



#75

Carbazole

Concen: 1.319 ng/ul

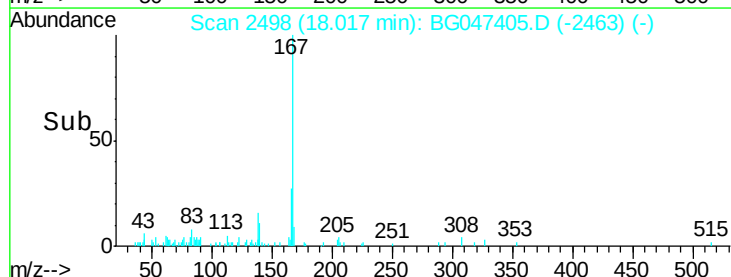
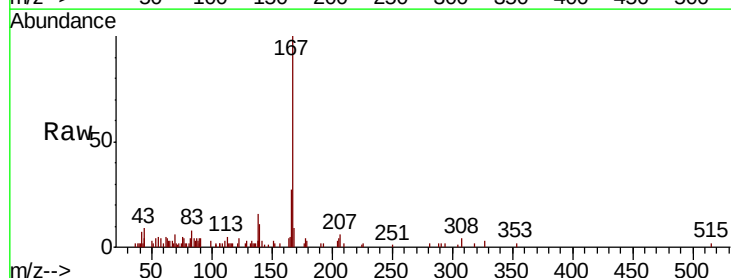
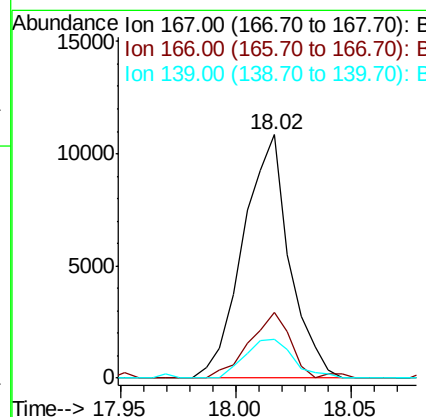
RT: 18.02 min Scan# 2498

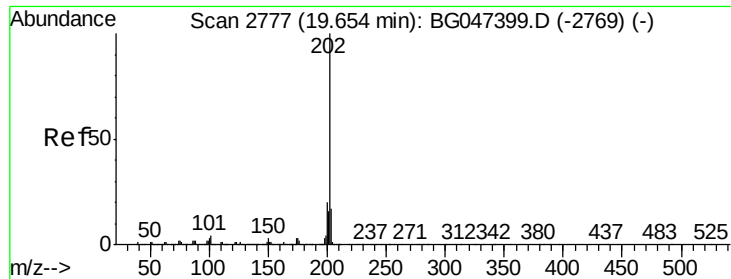
Delta R.T. 0.01 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Tgt Ion:167	Resp:	15208
Ion Ratio	Lower	Upper
167	100	
166	27.2	17.8 26.6#
139	16.1	9.9 14.9#





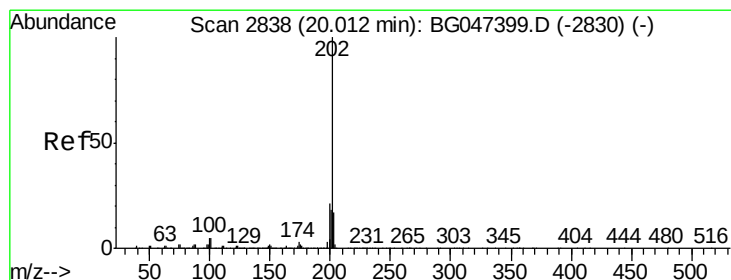
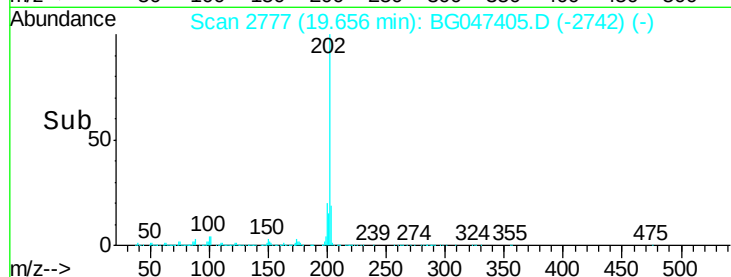
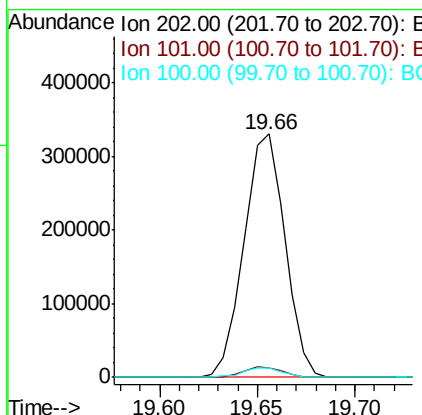
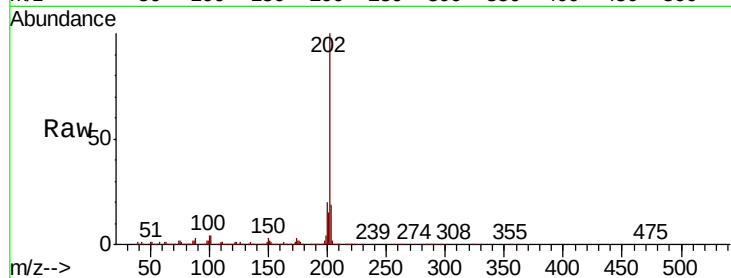
#77
Fluoranthene
Concen: 26.857 ng/ul
RT: 19.66 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Instrument :
BNA_G
ClientSampleId :
C0B58

Tot Ion	Ratio	Resp	Lower	Upper
202	100	481493		
101	3.7		3.3	4.9
100	4.1		3.4	5.0

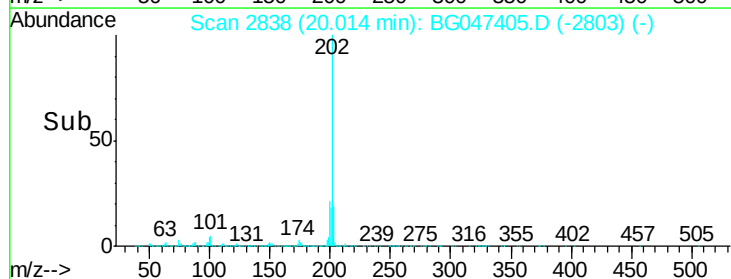
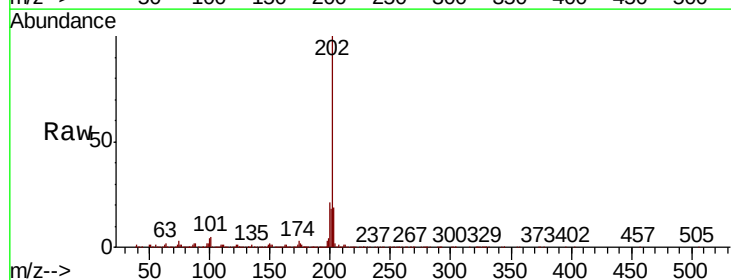
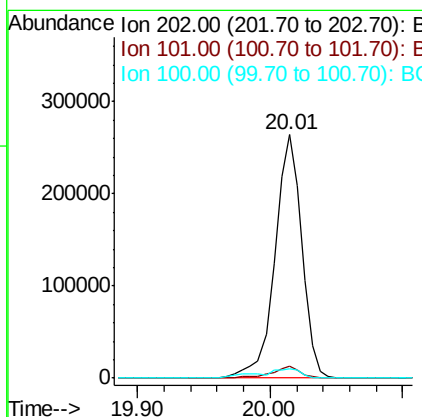
Manual Integrations
APPROVED

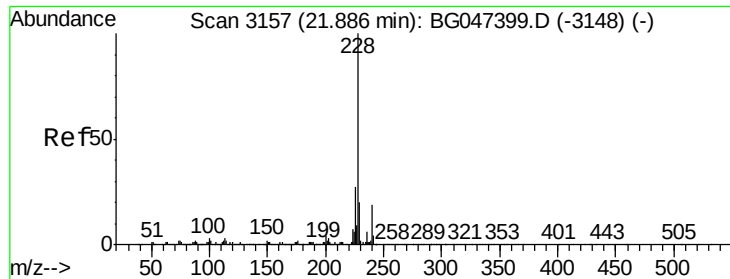
mohammad
11/24/2020 9:01:00 AM



#80
Pyrene
Concen: 23.740 ng/ul m
RT: 20.01 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	373825		
101	5.0		5.0	7.4#
100	4.1		4.6	7.0#





#83

Benzo(a)anthracene

Concen: 14.348 ng/ul m

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Instrument :

BNA_G

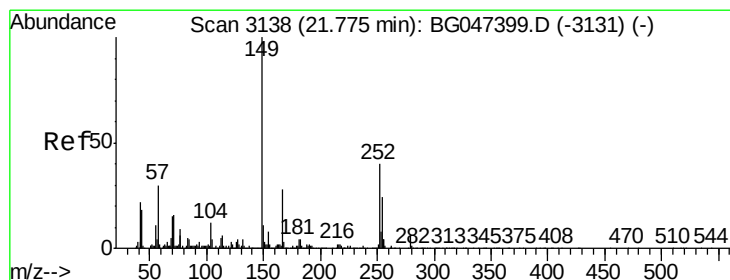
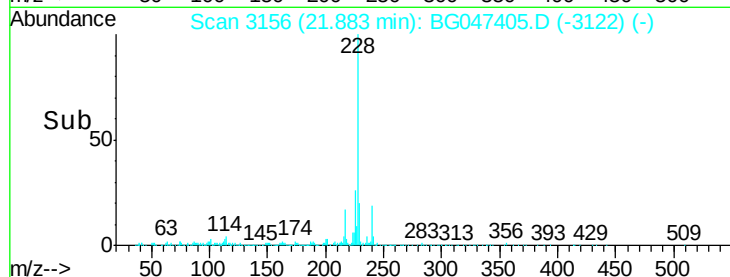
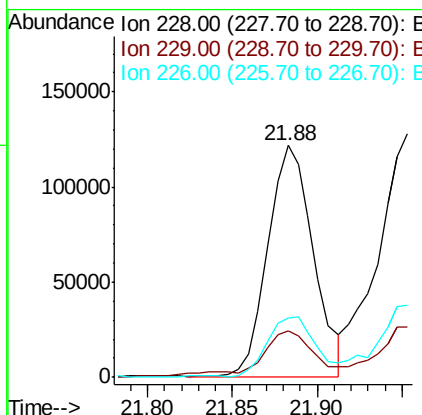
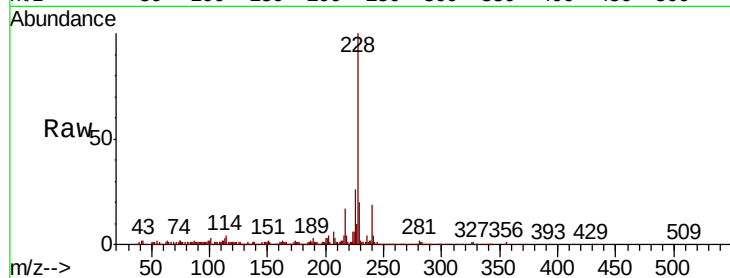
ClientSampleId :

C0B58

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.2
226	25.8	23.3	34.9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:00 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.725 ng/ul m

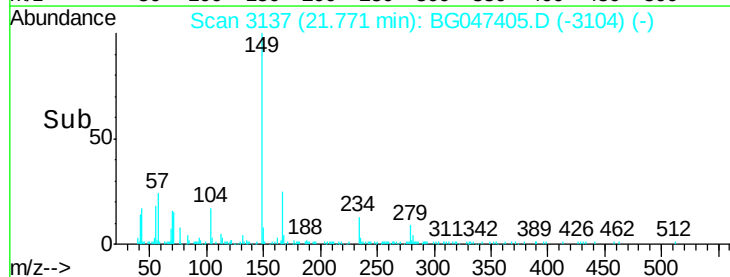
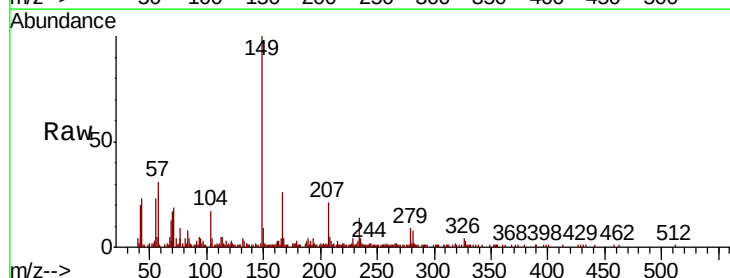
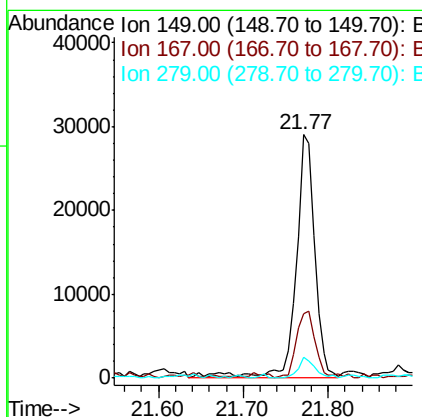
RT: 21.77 min Scan# 3137

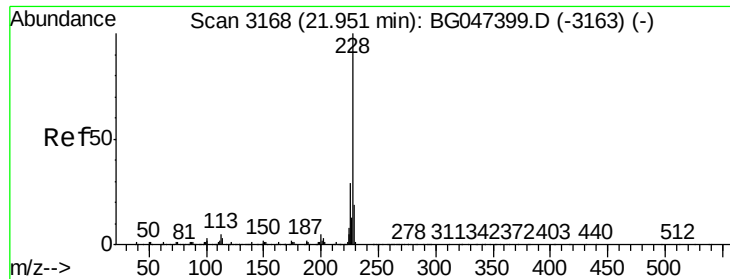
Delta R.T. -0.00 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.8
279	8.7	4.2	6.2#





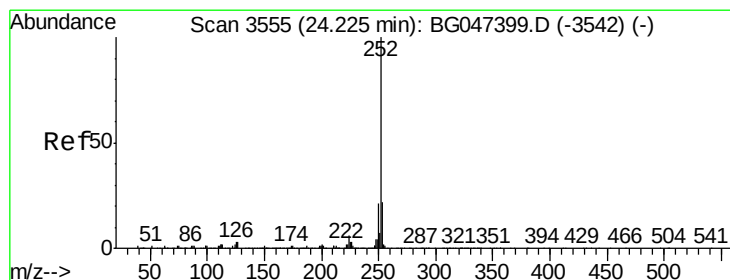
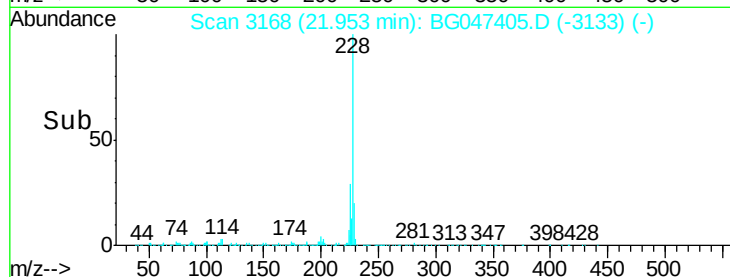
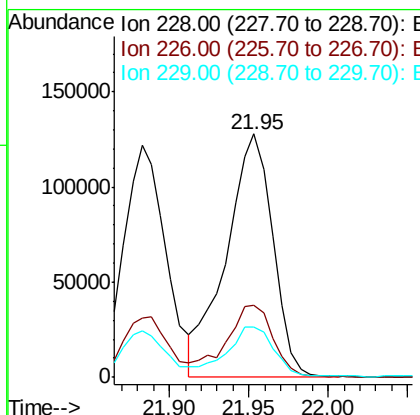
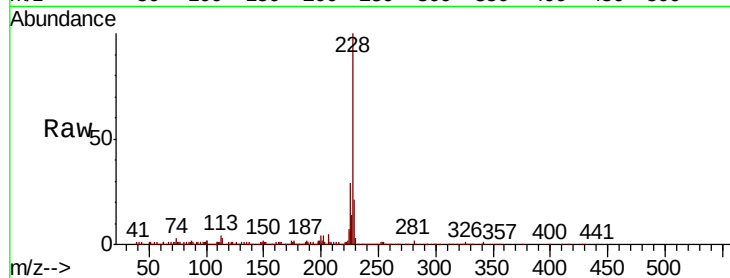
#85
Chrysene
Concen: 17.235 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Instrument :
BNA_G
ClientSampleId :
C0B58

Tot Ion:	228	Resp:	259411
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.6
229	20.7	16.3	24.5

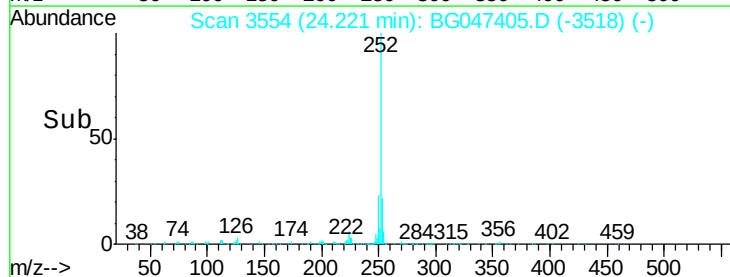
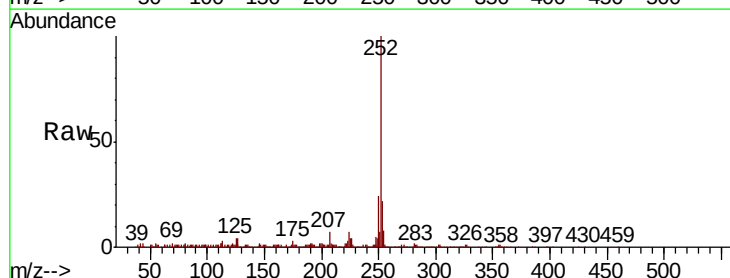
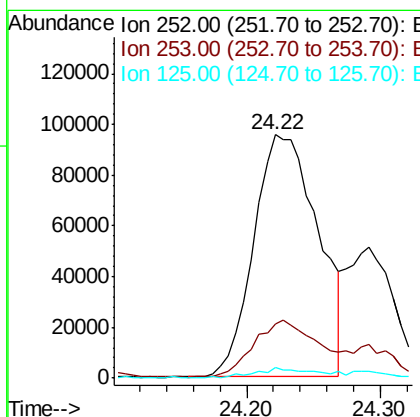
Manual Integrations
APPROVED

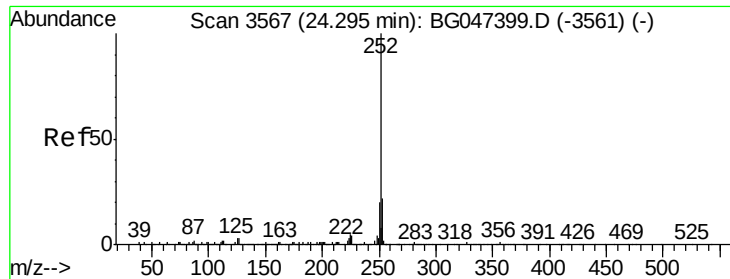
mohammad
11/24/2020 9:01:00 AM



#88
Benzo(b)fluoranthene
Concen: 19.124 ng/ul
RT: 24.22 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Tgt Ion:	252	Resp:	318533
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	4.3	2.5	3.7#





#89

Benzo(k)fluoranthene

Concen: 7.495 ng/ul m

RT: 24.29 min Scan# 3566

Delta R.T. 0.01 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Instrument :

BNA_G

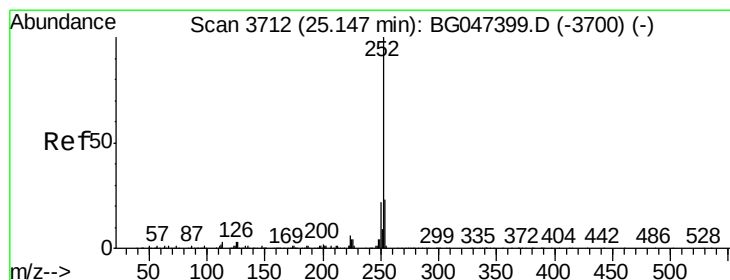
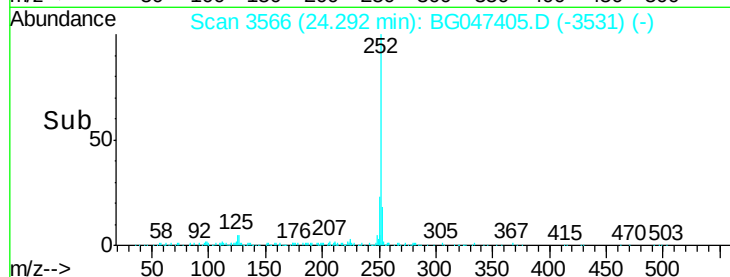
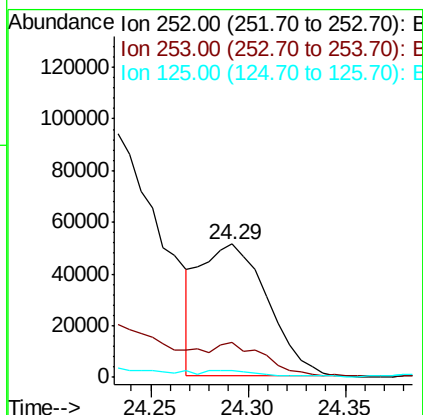
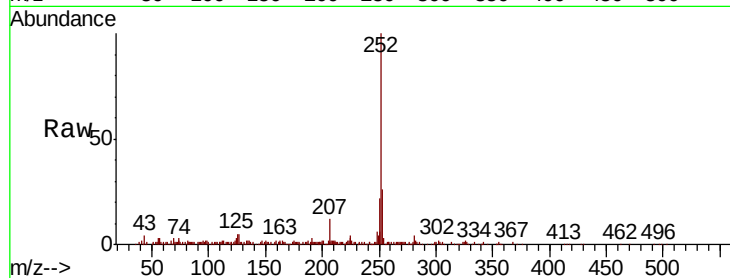
ClientSampleId :

C0B58

Tot Ion:	252	Resp:	123021
Ion Ratio	Lower	Upper	
252	100		
253	25.8	16.7	25.1#
125	5.1	2.6	3.8#

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:00 AM



#91

Benzo(a)pyrene

Concen: 13.364 ng/ul m

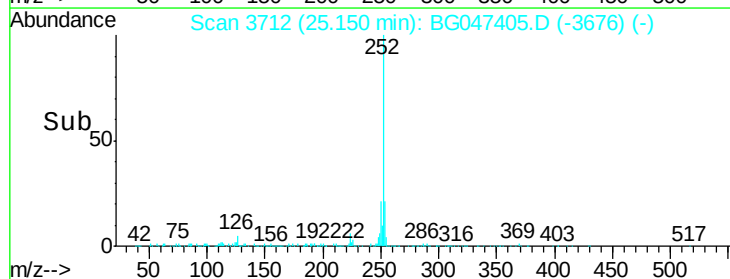
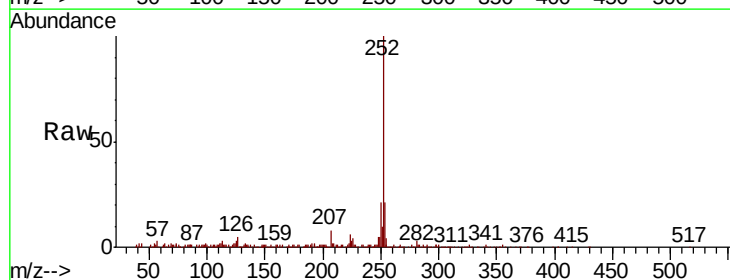
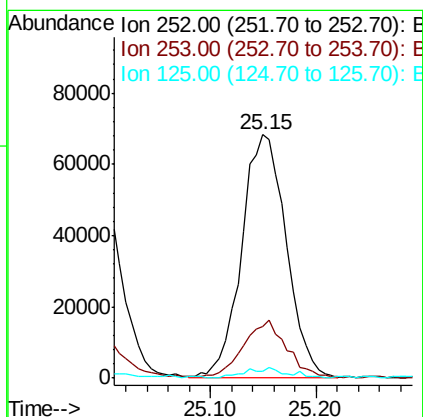
RT: 25.15 min Scan# 3712

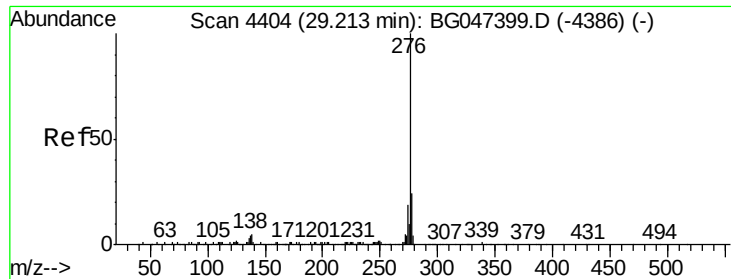
Delta R.T. 0.01 min

Lab File: BG047405.D

Acq: 21 Nov 2020 21:50

Tgt Ion:	252	Resp:	198426
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	3.0	3.1	4.7#





#92

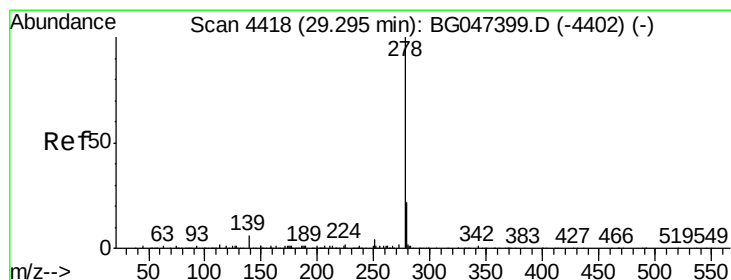
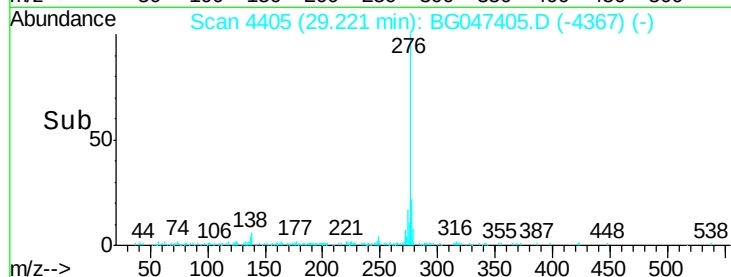
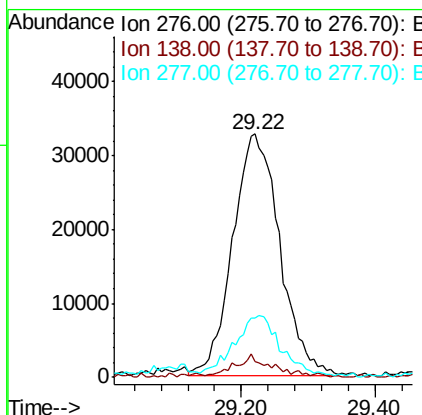
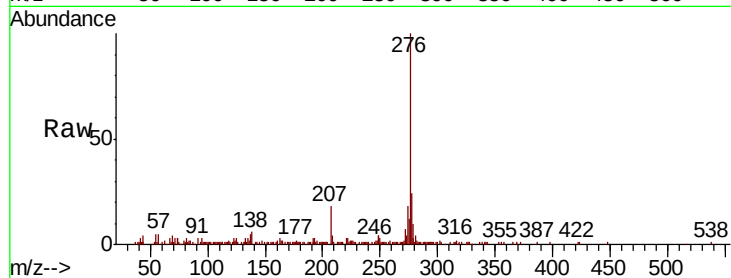
Indeno(1,2,3-cd)pyrene
Concen: 8.825 ng/ul
RT: 29.22 min Scan# 4405
Delta R.T. 0.02 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Instrument :
BNA_G
ClientSampleId :
C0B58

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	7.5	11.3#
277	24.3	19.9	29.9

Manual Integrations
APPROVED

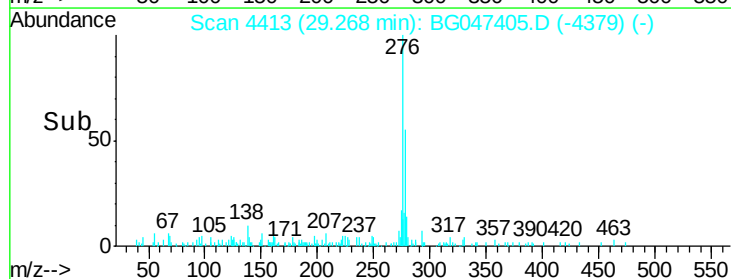
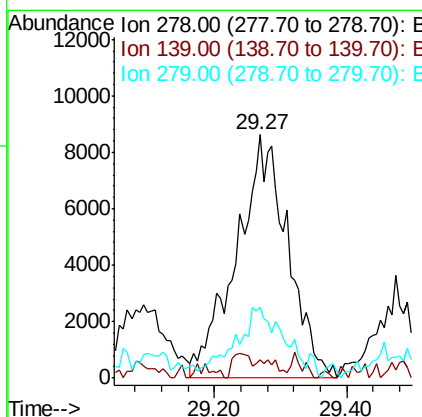
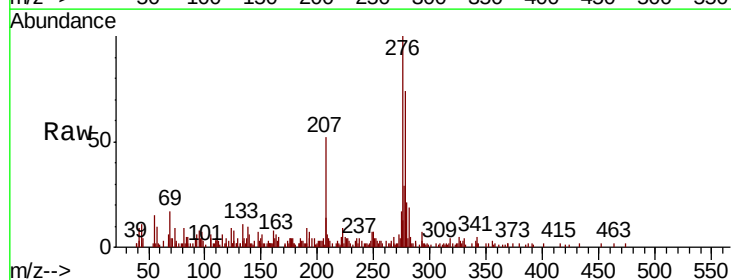
mohammad
11/24/2020 9:01:00 AM

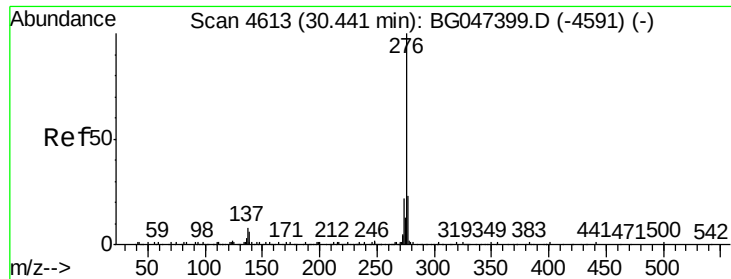


#93

Dibenzo(a,h)anthracene
Concen: 3.132 ng/ul m
RT: 29.27 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BG047405.D
Acq: 21 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	5.8	8.6
279	29.0	20.0	30.0





#94
 Benzo(a,h,i)perylene
 Concen: 9.755 ng/ul
 RT: 30.45 min Scan# 4614
 Delta R.T. 0.03 min
 Lab File: BG047405.D
 Acq: 21 Nov 2020 21:50

Instrument :
 BNA_G
 ClientSampleId :
 C0B58

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.5	8.2	12.2#
277	22.1	17.5	26.3

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:00 AM

