

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047439.D
 Acq On : 24 Nov 2020 9:55
 Operator : CG/JU
 Sample : L4751-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B79

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:58 PM

Quant Time: Nov 24 11:42:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	33660	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	131174	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	95598	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	208639	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	191432	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	198045	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1460	1.58	ng/uL	0.00
5) Phenol-d5	7.40	99	42765	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	24419	12.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	30778	13.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	30707	11.84	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15808	14.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	18645	15.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	38438	14.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	33669	12.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	114709	13.98	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	136827	14.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13630	10.89	ng/ul	0.00
58) Fluorene-d10	15.87	176	104117	13.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7883	6.64	ng/ul	0.00
71) Anthracene-d10	17.71	188	157464m	15.21	ng/ul	0.00
79) Pyrene-d10	19.98	212	175507	15.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	177022	15.53	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	7341	2.270	ng/ul#	81
45) Dimethylphthalate	14.32	163	25236	3.015	ng/ul	97
70) Phenanthrene	17.66	178	137812	12.232	ng/ul	98
72) Anthracene	17.76	178	31865	2.808	ng/ul	97
77) Fluoranthene	19.65	202	242867	17.068	ng/ul#	98
80) Pyrene	20.01	202	196270	14.474	ng/ul	98
83) Benzo(a)anthracene	21.88	228	104466	7.670	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.76	149	6717	1.012	ng/ul#	97
85) Chrysene	21.95	228	97487	7.521	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	121628	8.698	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	49395m	3.585	ng/ul	
91) Benzo(a)pyrene	25.14	252	83307	6.683	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.20	276	55033m	3.630	ng/ul	
93) Dibenzo(a,h)anthracene	29.28	278	15446m	1.242	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	44353m	3.545	ng/ul	

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

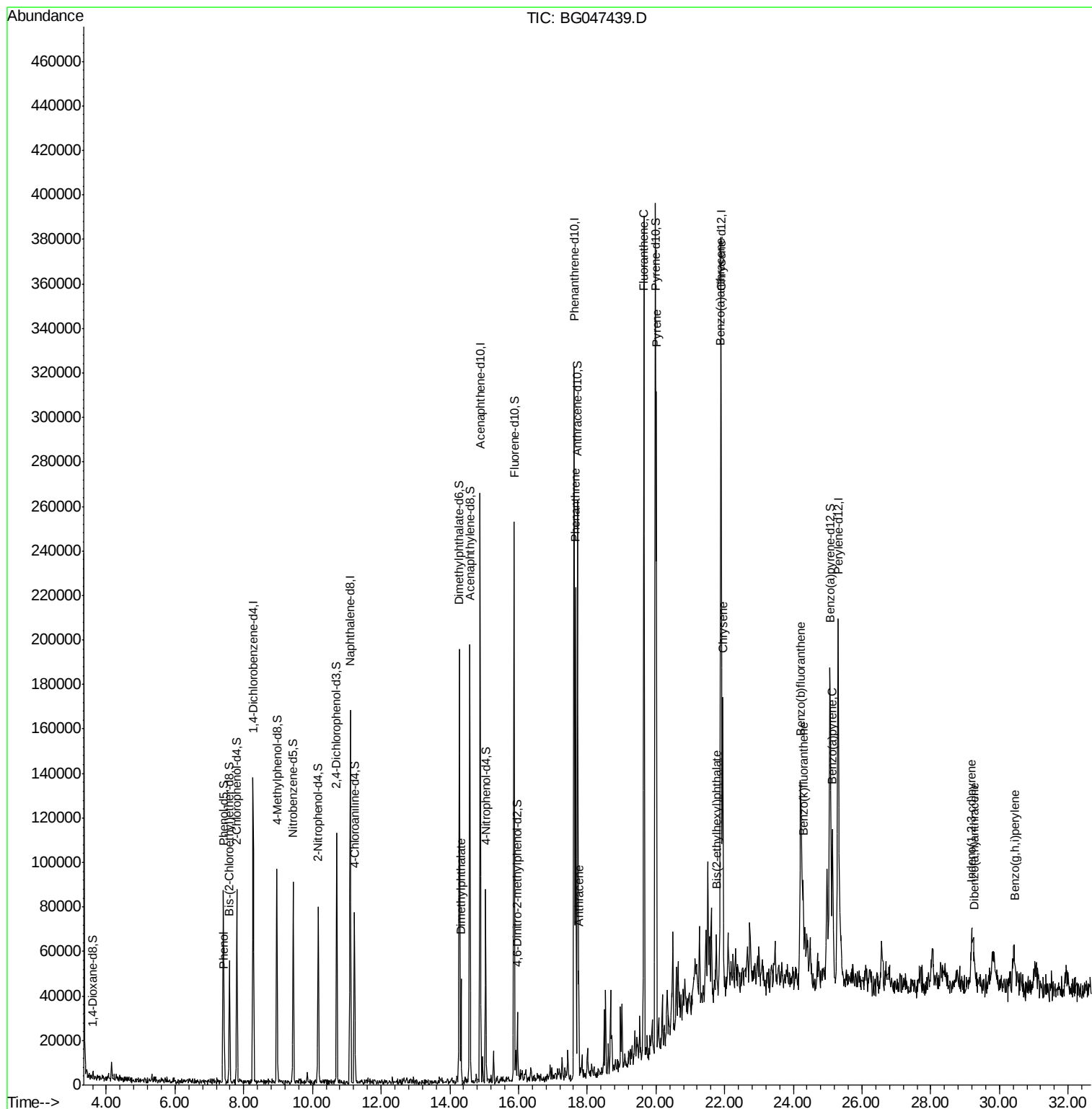
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047439.D
Acq On : 24 Nov 2020 9:55
Operator : CG/JU
Sample : L4751-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

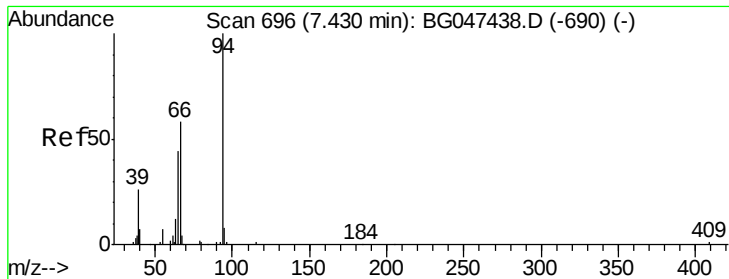
Instrument :
BNA_G
ClientSampleId :
C0B79

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.270 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Instrument :

BNA_G

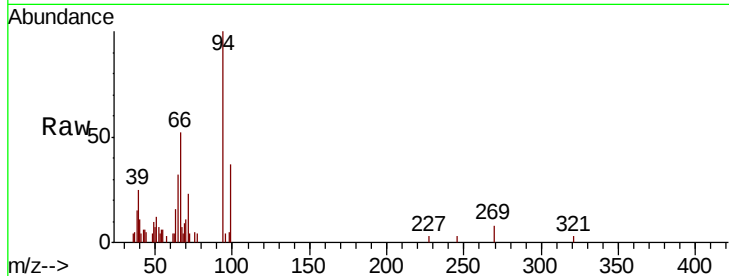
ClientSampleId :

C0B79

Tot Ion:	94	Resp:	7341
Ion	Ratio	Lower	Upper
94	100		
65	31.8	37.8	56.8#
66	52.1	51.6	77.4

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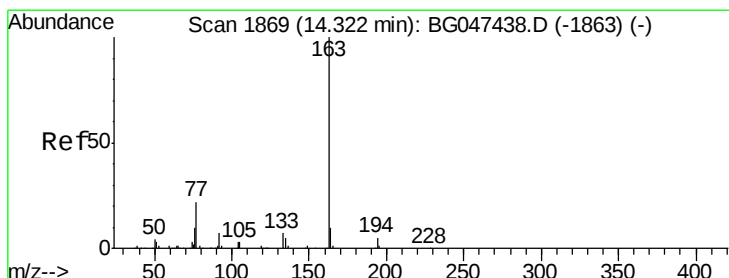
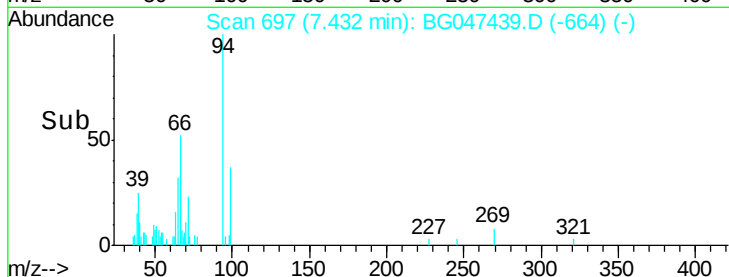
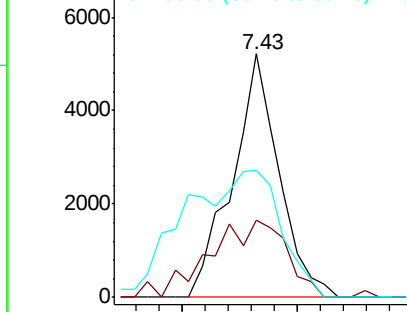


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 3.015 ng/ul

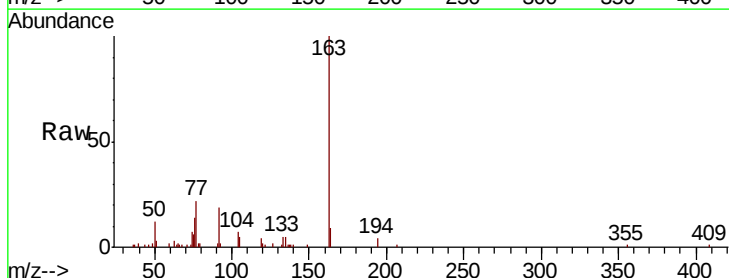
RT: 14.32 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Tgt Ion:	163	Resp:	25236
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4
164	9.4	8.5	12.7

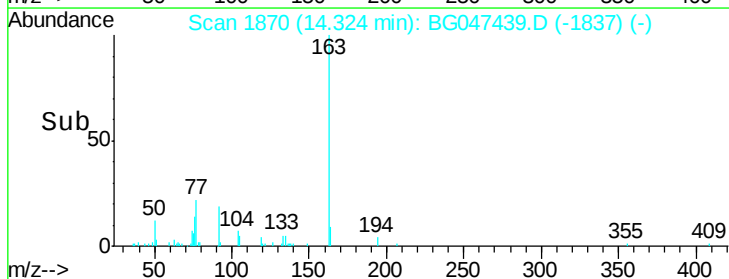
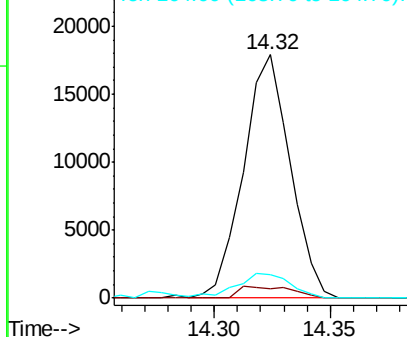


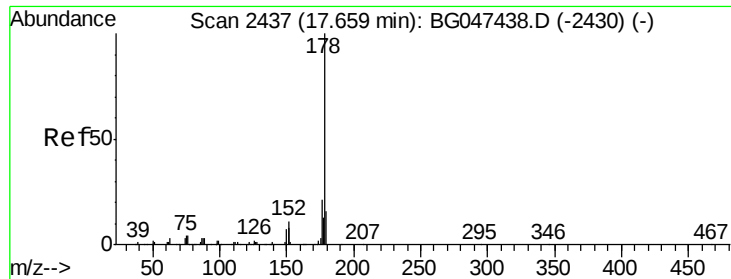
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





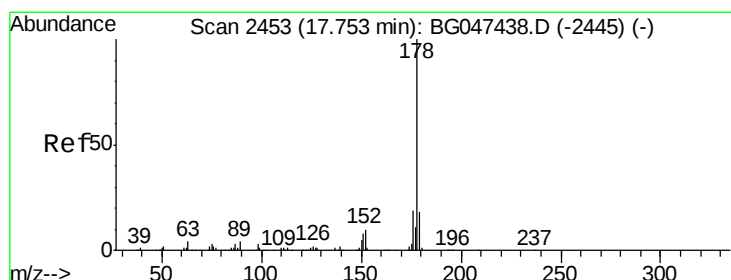
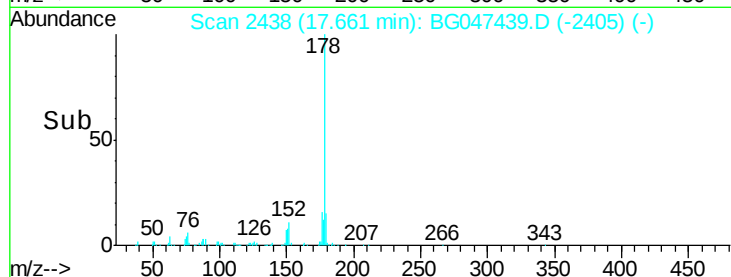
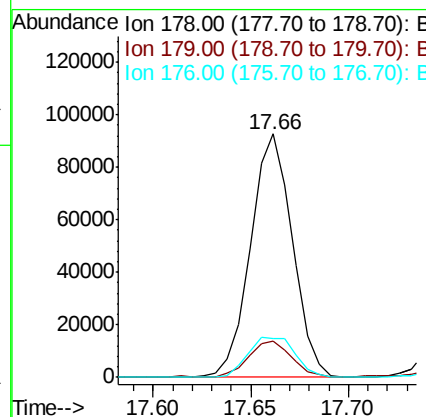
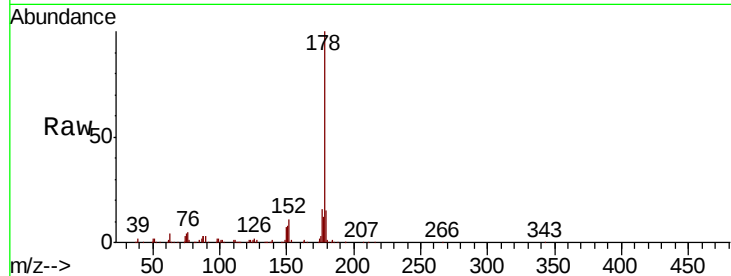
#70
Phenanthrene
Concen: 12.232 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Instrument :
BNA_G
ClientSampleId :
C0B79

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.6
176	16.2	13.9	20.9

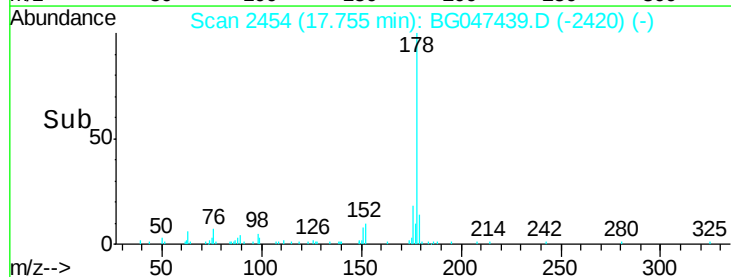
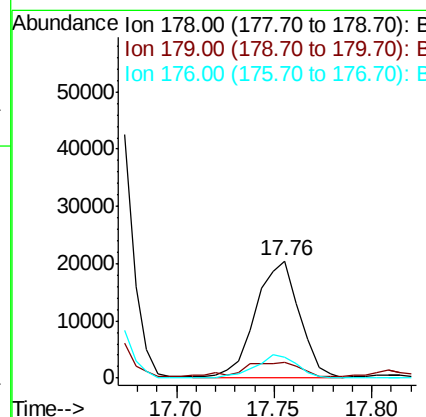
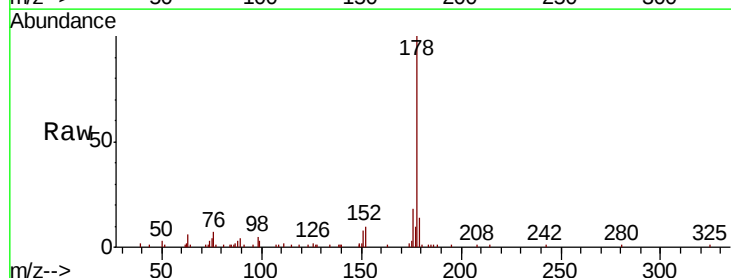
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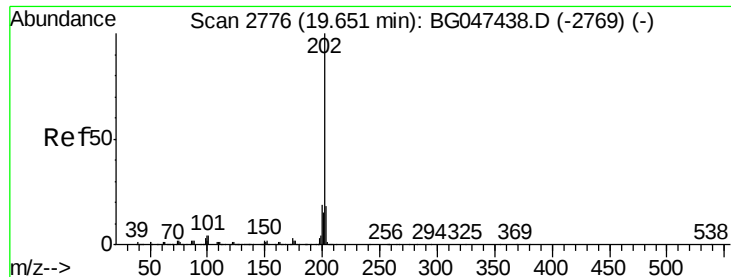
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#72
Anthracene
Concen: 2.808 ng/ul
RT: 17.76 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.7	11.7	17.5
176	17.6	15.4	23.0





#77

Fluoranthene

Concen: 17.068 ng/ul

RT: 19.65 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Instrument :

BNA_G

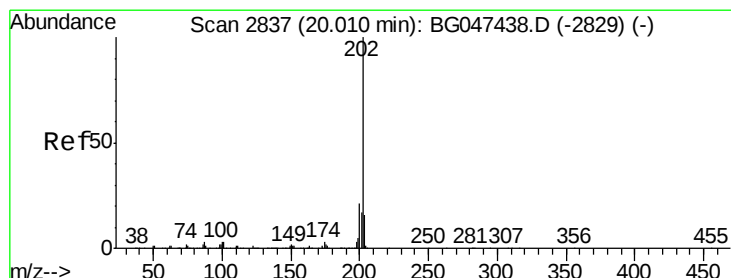
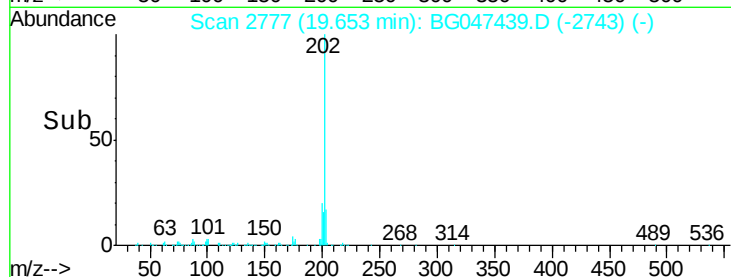
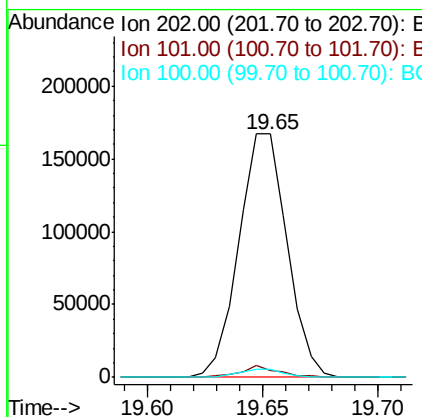
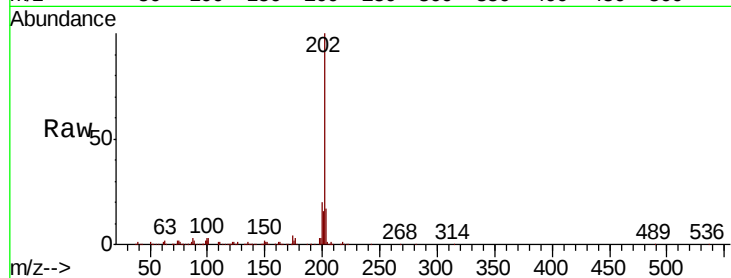
ClientSampleId :

C0B79

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		242867		
101	2.9	3.0	4.6#		
100	3.1	3.0	4.6		

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#80

Pyrene

Concen: 14.474 ng/ul

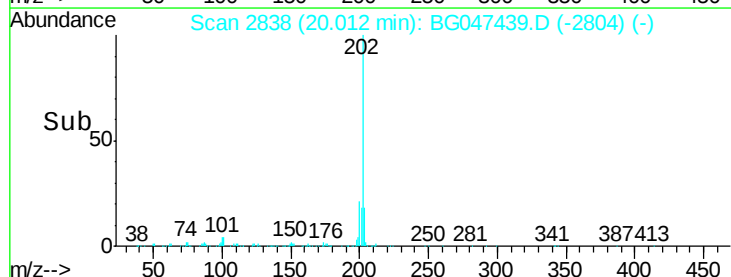
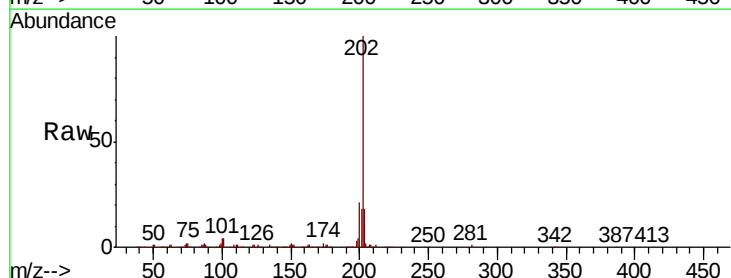
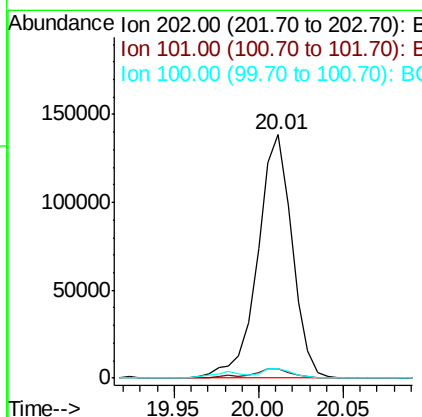
RT: 20.01 min Scan# 2838

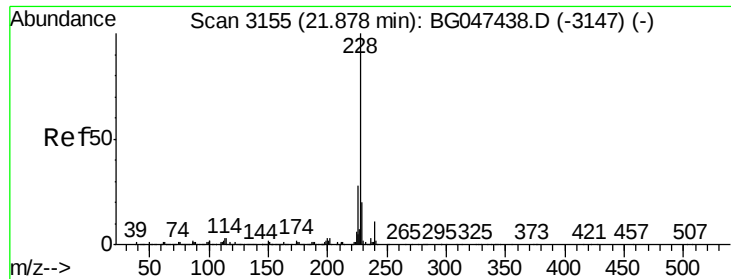
Delta R.T. -0.00 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		196270		
101	3.8	3.5	5.3		
100	3.8	3.4	5.0		





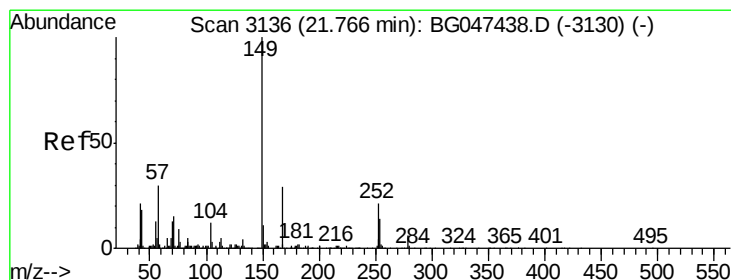
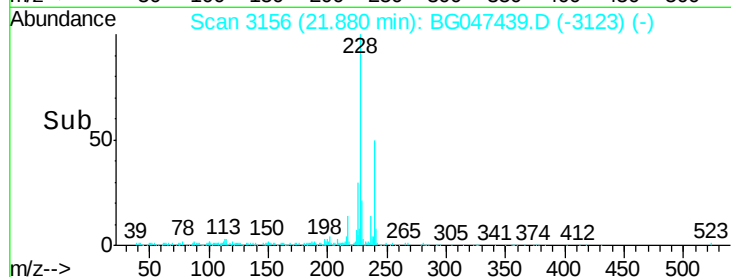
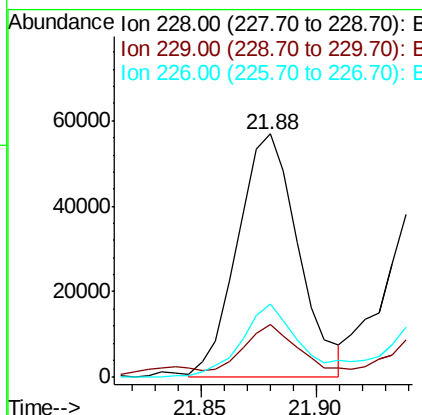
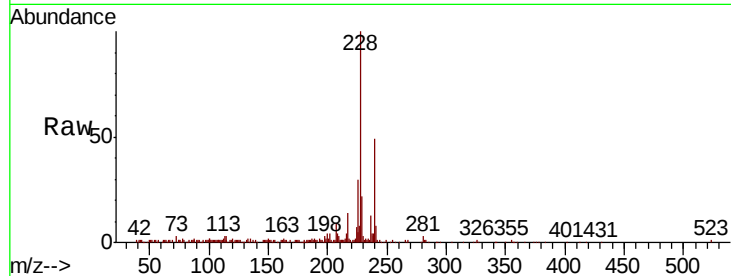
#83
Benzo(a)anthracene
Concen: 7.670 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Instrument :
BNA_G
ClientSampleId :
C0B79

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	30.4	21.7	32.5

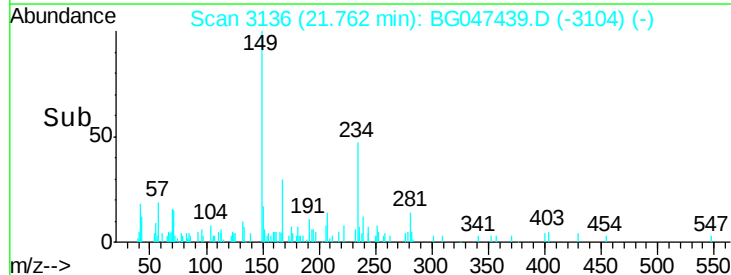
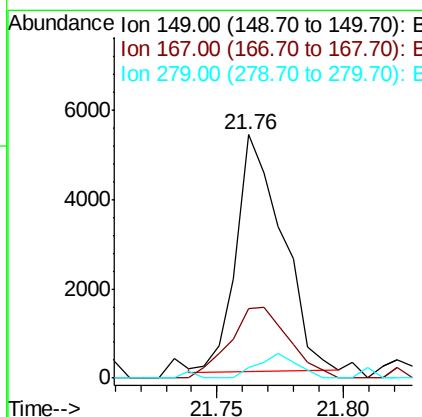
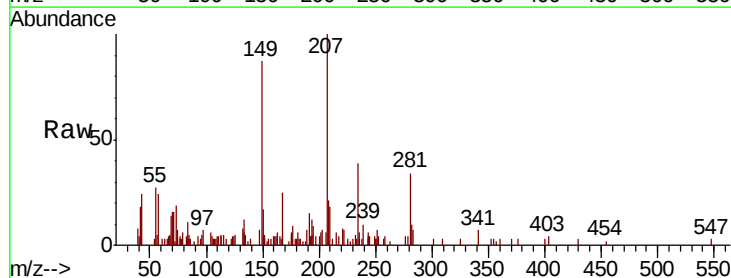
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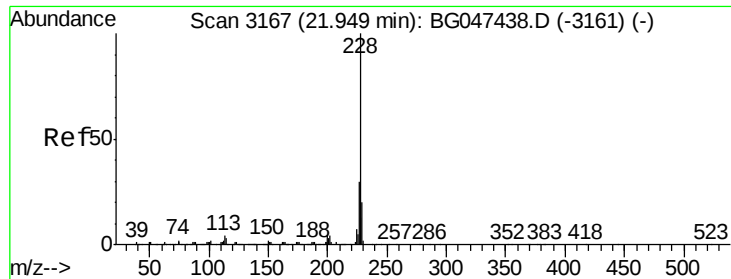
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.012 ng/ul
RT: 21.76 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.2
279	4.5	5.9	8.9





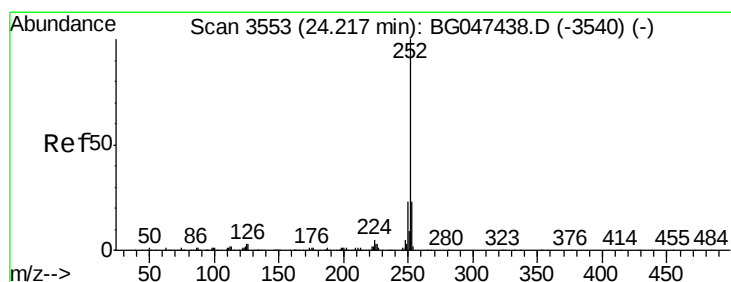
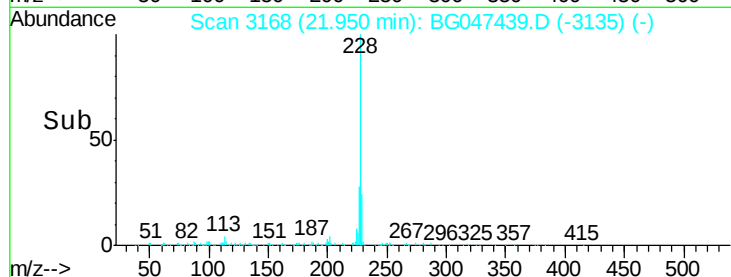
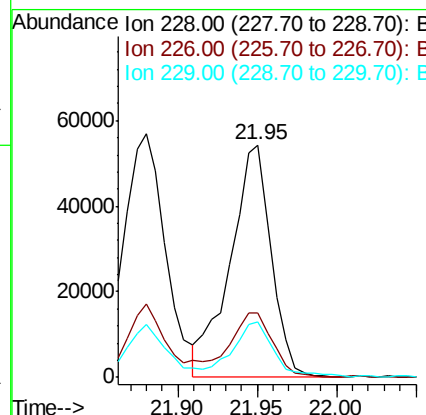
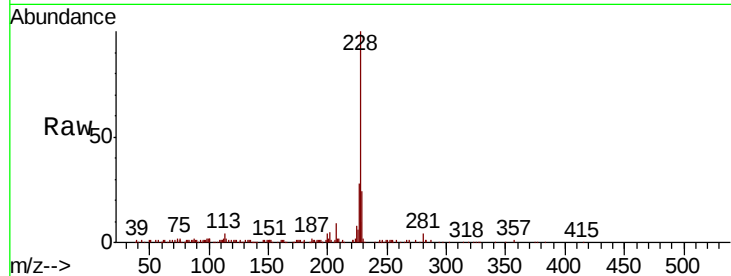
#85
Chrysene
Concen: 7.521 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Instrument :
BNA_G
ClientSampleId :
C0B79

Tot Ion:	228	Resp:	97487
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.3	33.5
229	23.9	16.5	24.7

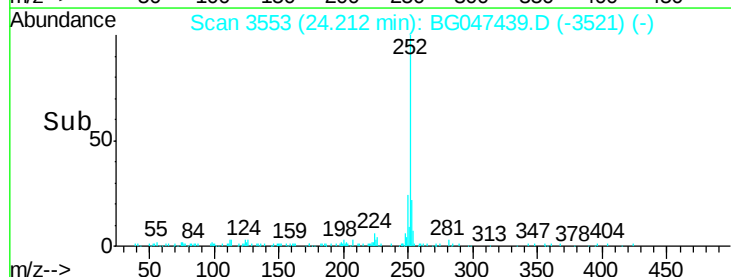
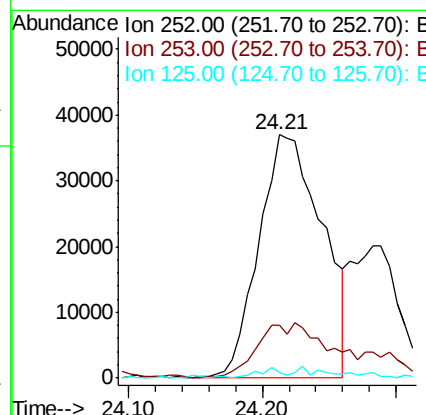
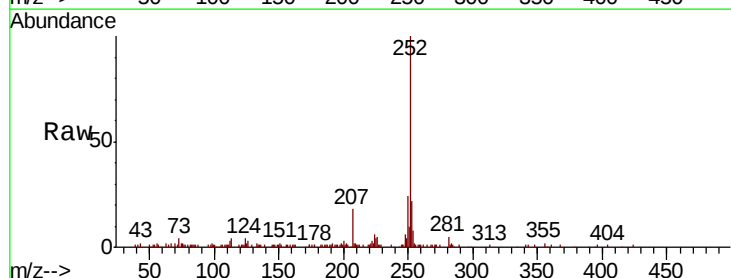
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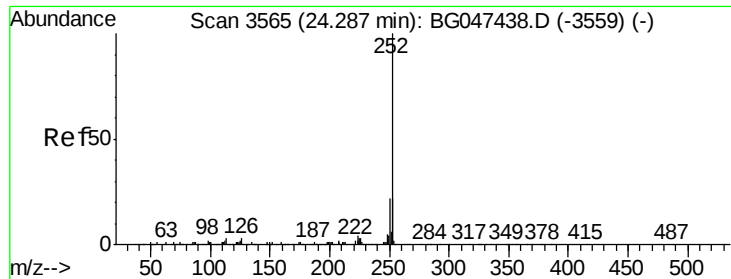
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#88
Benzo(b)fluoranthene
Concen: 8.698 ng/ul
RT: 24.21 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG047439.D
Acq: 24 Nov 2020 9:55

Tgt Ion:	252	Resp:	121628
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.6	25.0
125	2.5	2.7	4.1#





#89

Benzo(k)fluoranthene

Concen: 3.585 ng/ul m

RT: 24.29 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Instrument :

BNA_G

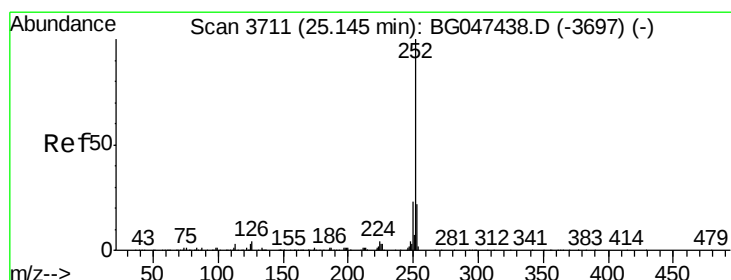
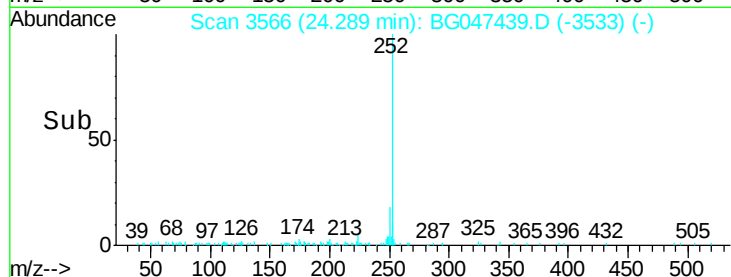
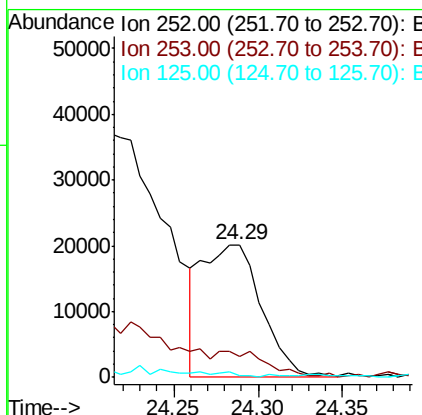
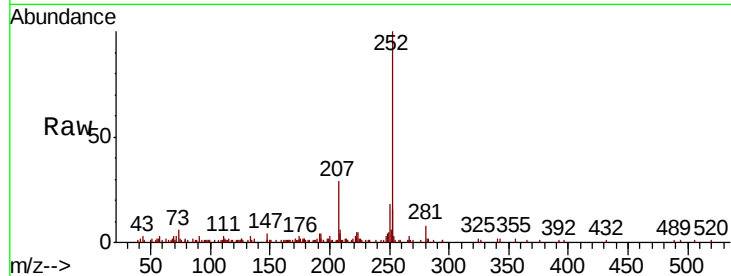
ClientSampleId :

C0B79

Tot Ion:	252	Resp:	49395
Ion Ratio	Lower	Upper	
252	100		
253	16.2	18.2	27.4#
125	1.1	2.2	3.2#

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#91

Benzo(a)pyrene

Concen: 6.683 ng/ul

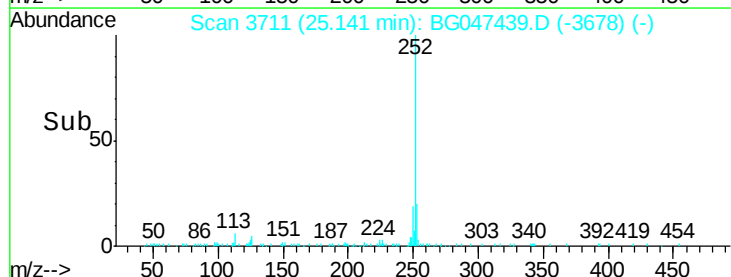
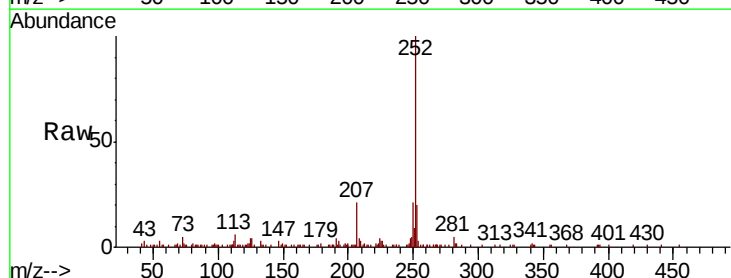
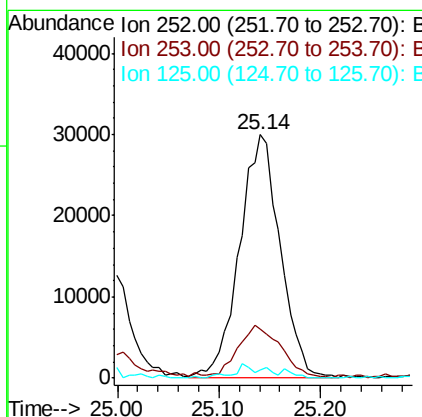
RT: 25.14 min Scan# 3711

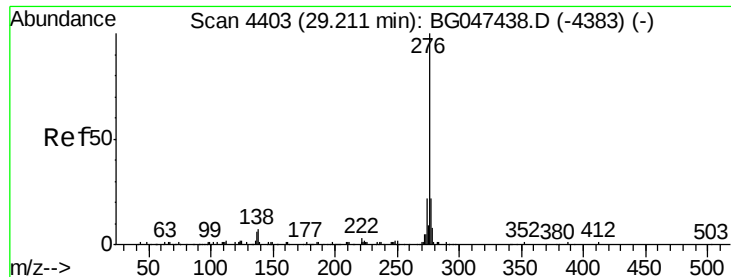
Delta R.T. -0.01 min

Lab File: BG047439.D

Acq: 24 Nov 2020 9:55

Tgt Ion:	252	Resp:	83307
Ion Ratio	Lower	Upper	
252	100		
253	20.3	18.6	27.8
125	3.5	3.1	4.7





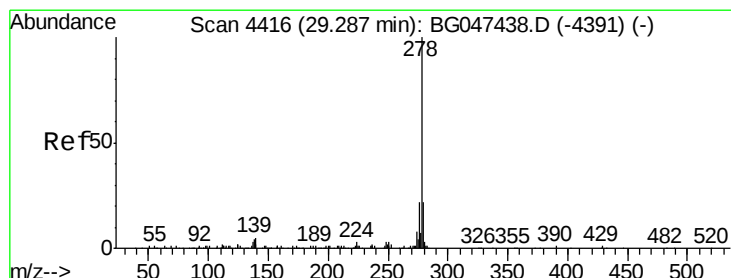
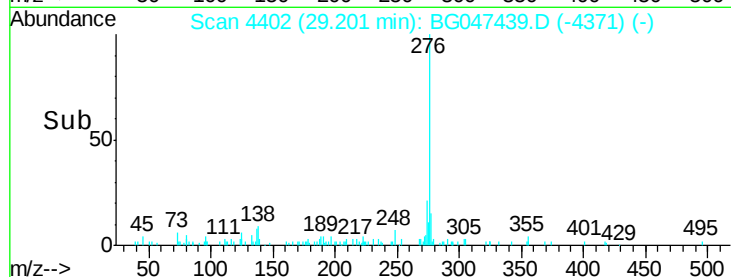
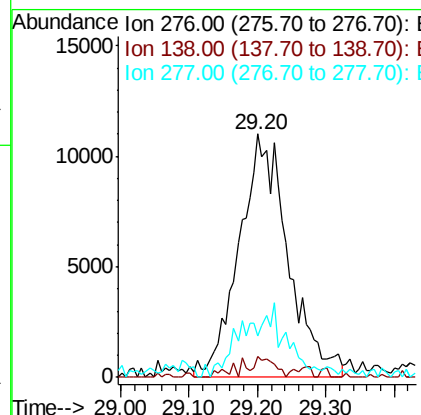
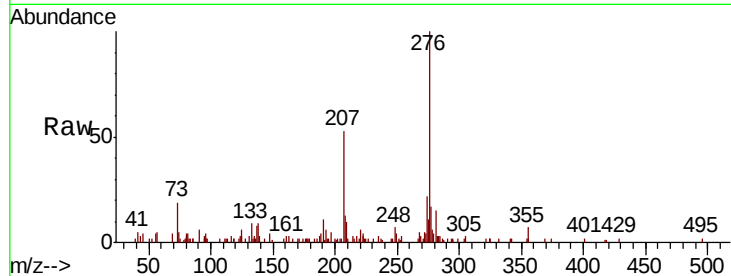
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.630 ng/ul m
 RT: 29.20 min Scan# 4402
 Delta R.T. -0.02 min
 Lab File: BG047439.D
 Acq: 24 Nov 2020 9:55

Instrument :
 BNA_G
 ClientSampleId :
 C0B79

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	5.0	7.6#
277	16.9	16.5	24.7

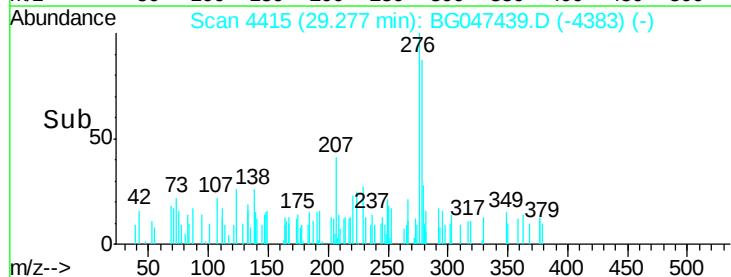
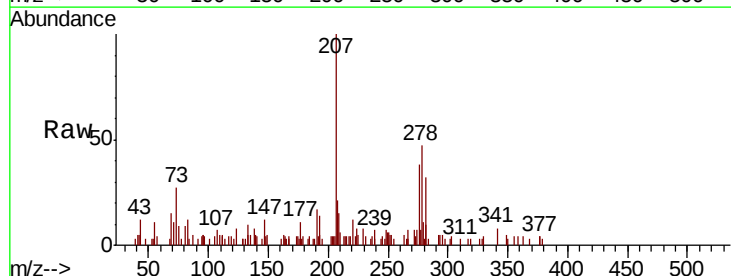
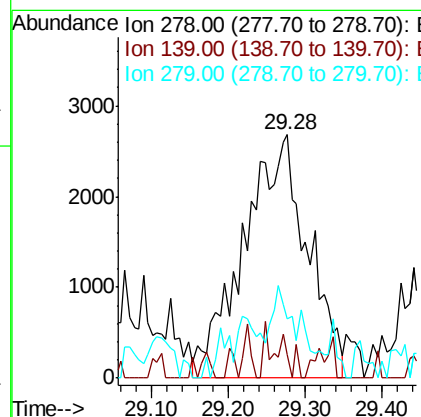
Manual Integrations
 APPROVED

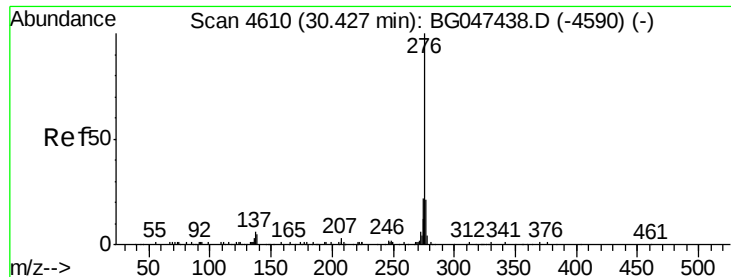
mohammad
 11/25/2020 12:47:58 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.242 ng/ul m
 RT: 29.28 min Scan# 4415
 Delta R.T. -0.01 min
 Lab File: BG047439.D
 Acq: 24 Nov 2020 9:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	4.6	7.0#
279	24.4	18.2	27.2





#94
 Benzo(a,h,i)perylene
 Concen: 3.545 ng/ul m
 RT: 30.43 min Scan# 4612
 Delta R.T. -0.01 min
 Lab File: BG047439.D
 Acq: 24 Nov 2020 9:55

Instrument :
 BNA_G
 ClientSampleId :
 C0B79

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.9	5.8	8.6#
277	21.8	17.4	26.2

Manual Integrations
 APPROVED

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