

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
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mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 06:22:17 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	8.27	152	49051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	187746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	132579	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	278180m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	231991	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	258315	20.00	ng/ul	0.00

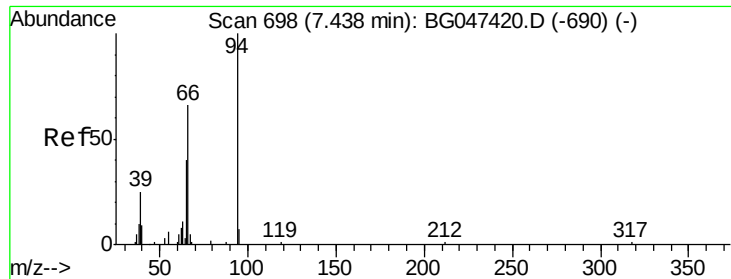
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1938	1.44	ng/uL	0.00
5) Phenol-d5	7.40	99	62447	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	33360	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	43409	13.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	46465	12.29	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23306	15.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26454	15.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	58328	15.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	44750	11.42	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	175911	15.46	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	207905	15.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	22191	12.78	ng/ul	0.00
58) Fluorene-d10	15.87	176	158932	15.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12367m	7.81	ng/ul	0.00
71) Anthracene-d10	17.72	188	231842	16.80	ng/ul	0.00
79) Pyrene-d10	19.99	212	241279	17.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.10	264	248620	16.72	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.44	94	8441	1.791	ng/ul#	73
45) Dimethylphthalate	14.33	163	23758	2.046	ng/ul	99
50) Acenaphthene	14.95	153	15603	1.820	ng/ul#	86
59) Fluorene	15.92	166	25325	2.387	ng/ul	88
70) Phenanthrene	17.66	178	819344m	54.542	ng/ul	
72) Anthracene	17.75	178	133837	8.847	ng/ul	95
75) Carbazole	18.02	167	76648	6.281	ng/ul	96
77) Fluoranthene	19.66	202	2252468	118.726	ng/ul	99
80) Pyrene	20.02	202	1816423	110.534	ng/ul	99
83) Benzo(a)anthracene	21.89	228	1049621	63.588	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	21152	2.629	ng/ul#	92
85) Chrysene	21.96	228	1190413	75.783	ng/ul	95
88) Benzo(b)fluoranthene	24.25	252	1605404	88.023	ng/ul	95
89) Benzo(k)fluoranthene	24.31	252	528430m	29.401	ng/ul	
91) Benzo(a)pyrene	25.17	252	998047m	61.386	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.26	276	718476	36.329	ng/ul	95
93) Dibenzo(a,h)anthracene	29.30	278	182237m	11.239	ng/ul	
94) Benzo(g,h,i)perylene	30.48	276	587356	35.993	ng/ul#	96

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



#6

Phenol

Concen: 1.791 ng/ul

RT: 7.44 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Instrument :

BNA_G

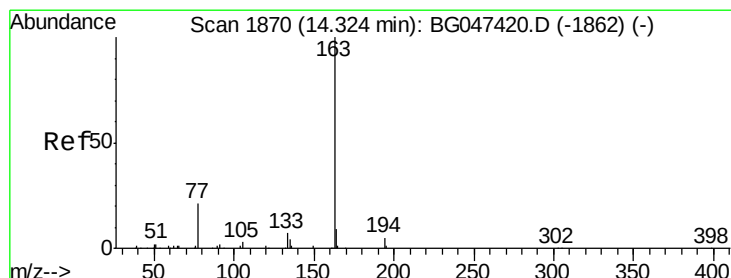
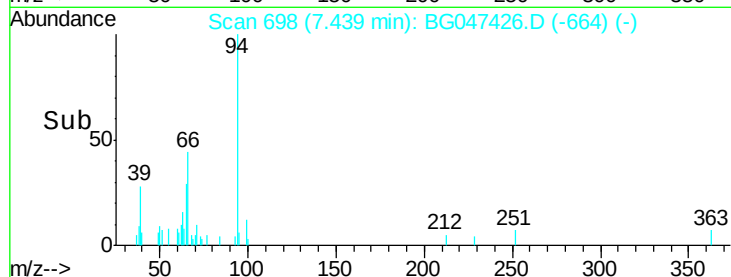
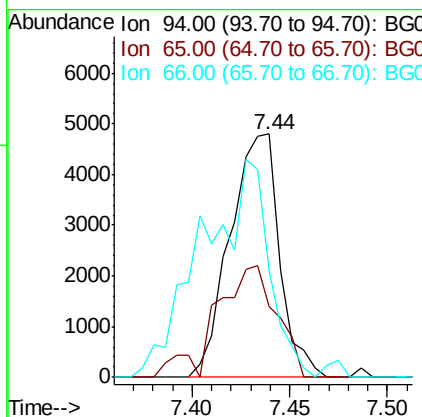
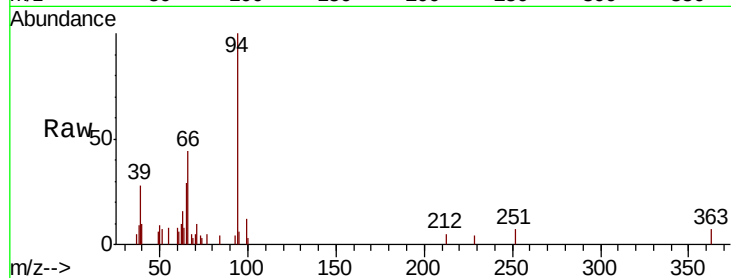
ClientSampleId :

C0B71

Tot Ion:	94	Resp:	8441
Ion	Ratio	Lower	Upper
94	100		
65	29.2	37.8	56.8#
66	43.9	51.6	77.4#

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#45

Dimethylphthalate

Concen: 2.046 ng/ul

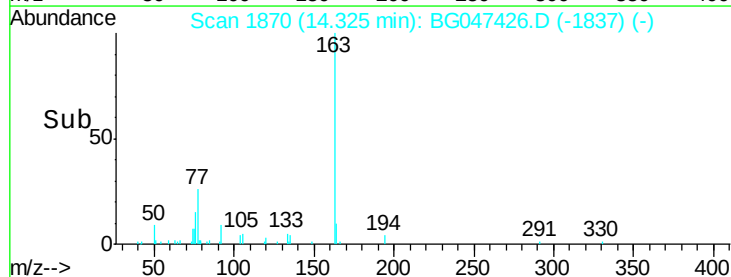
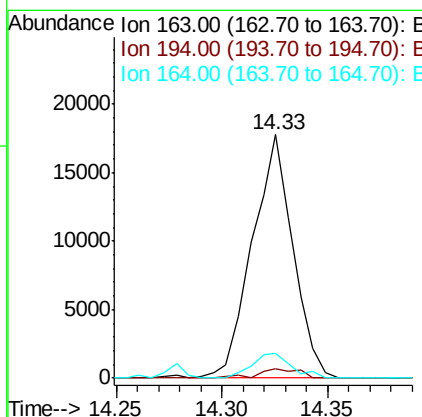
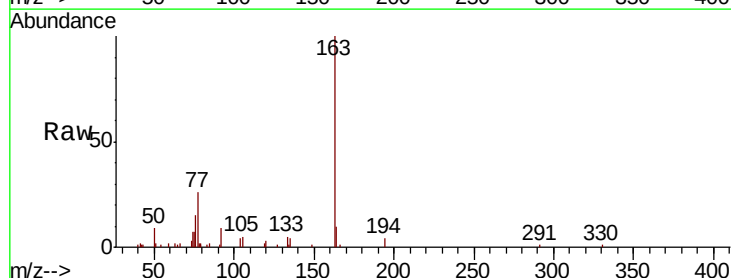
RT: 14.33 min Scan# 1870

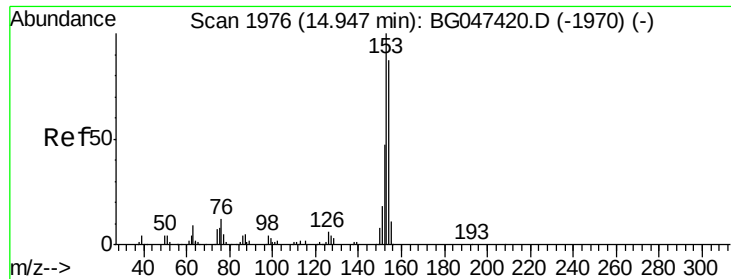
Delta R.T. -0.00 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Tgt Ion:	163	Resp:	23758
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.4	8.5	12.7





#50

Acenaphthene

Concen: 1.820 ng/ul

RT: 14.95 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Instrument :

BNA_G

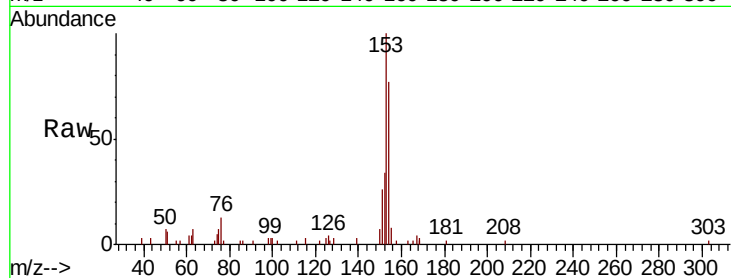
ClientSampleId :

C0B71

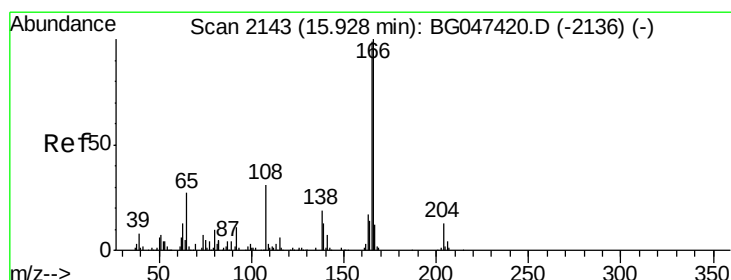
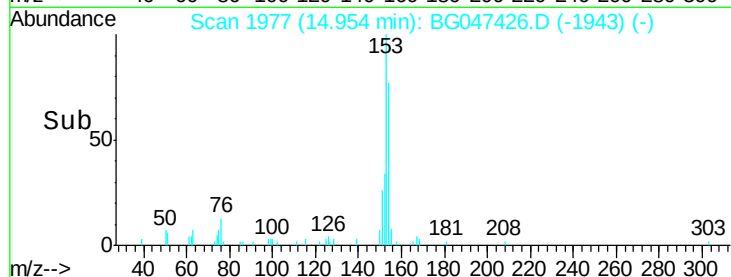
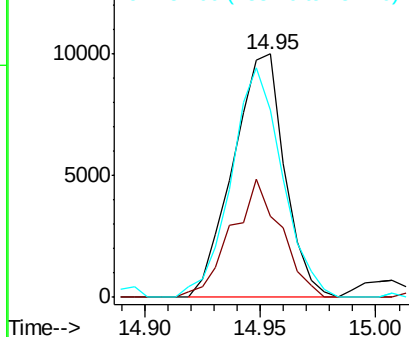
Tot Ion:	153	Resp:	15603
Ion	Ratio	Lower	Upper
153	100		
152	33.5	36.9	55.3#
154	76.9	69.7	104.5

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 2.387 ng/ul

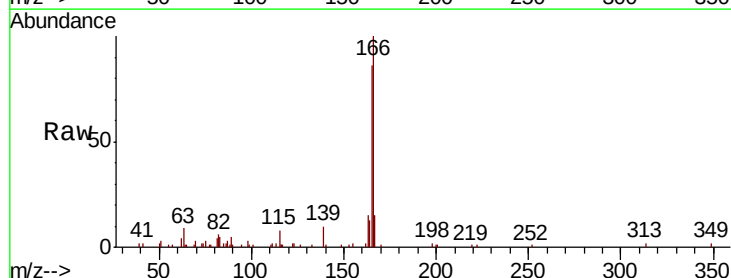
RT: 15.92 min Scan# 2142

Delta R.T. -0.00 min

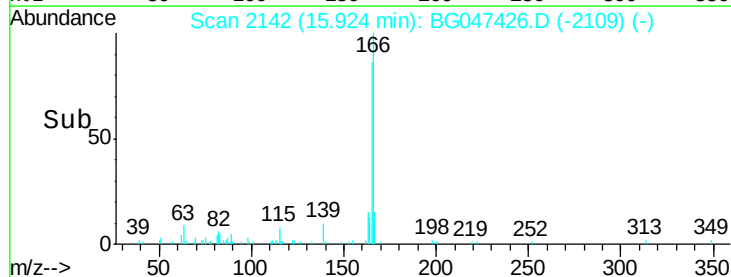
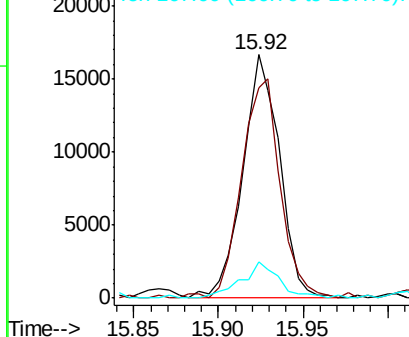
Lab File: BG047426.D

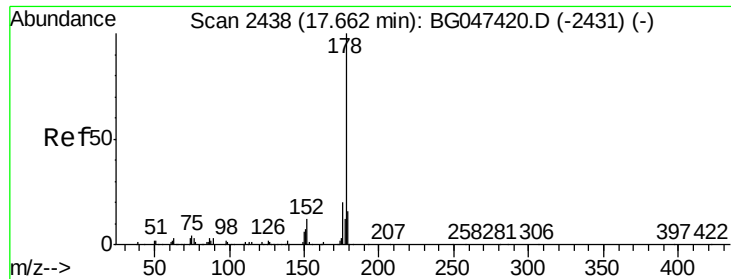
Acq: 24 Nov 2020 00:25

Tgt Ion:	166	Resp:	25325
Ion	Ratio	Lower	Upper
166	100		
165	86.4	79.8	119.6
167	14.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





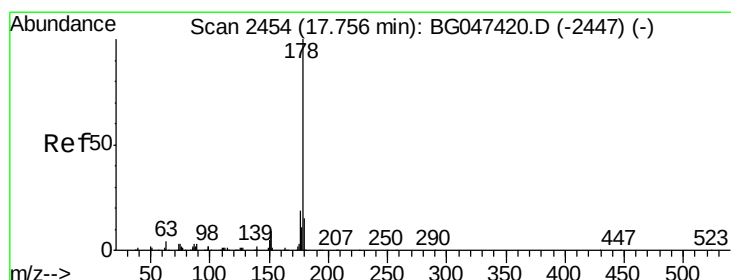
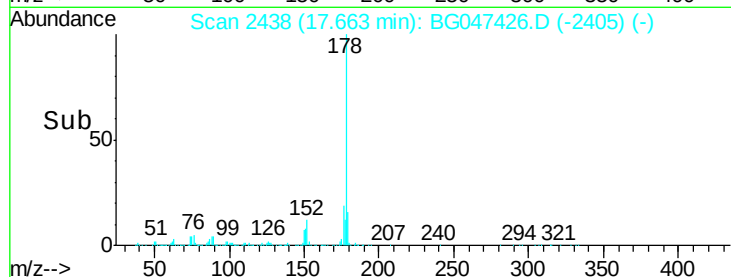
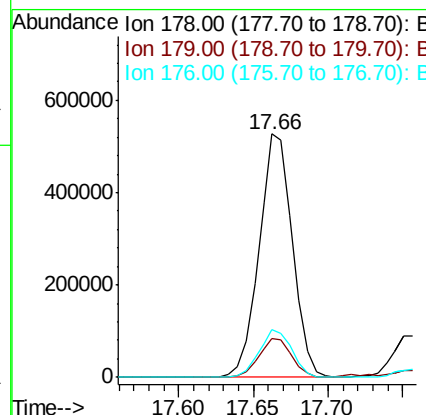
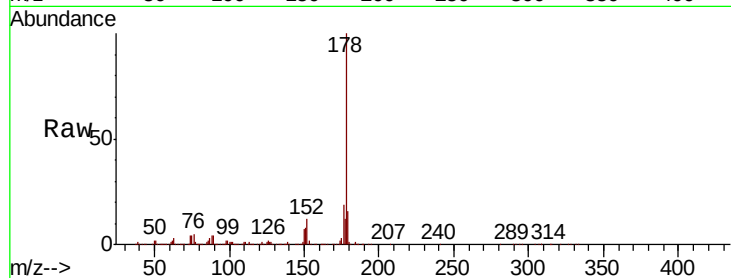
#70
Phenanthrene
Concen: 54.542 ng/ul m
RT: 17.66 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Instrument :
BNA_G
ClientSampleId :
C0B71

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.6
176	19.4	13.9	20.9

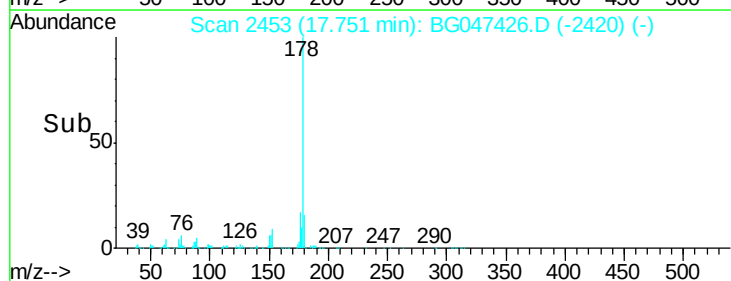
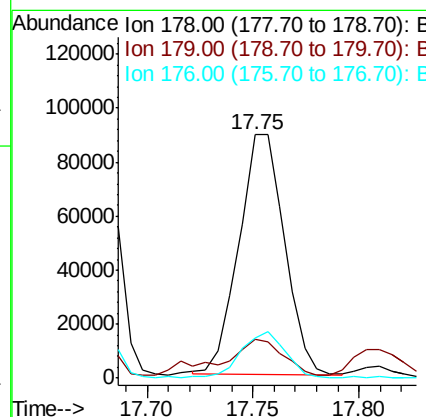
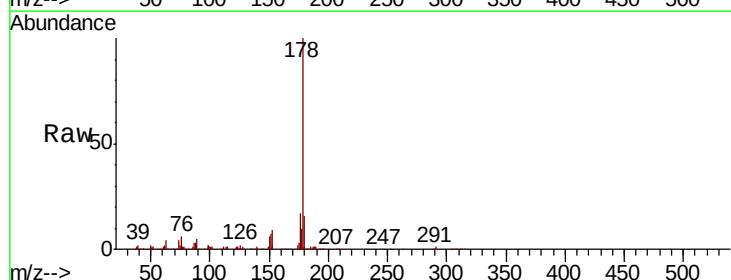
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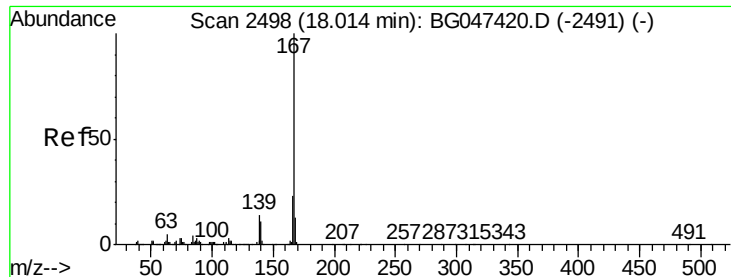
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#72
Anthracene
Concen: 8.847 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	16.6	15.4	23.0





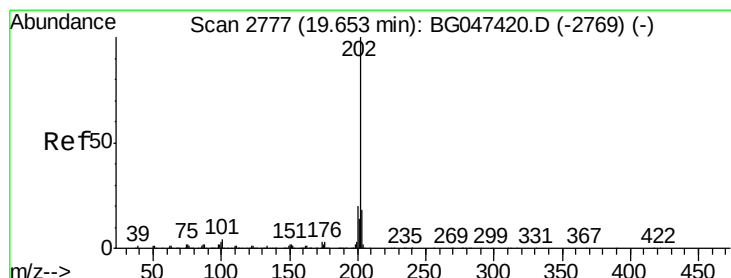
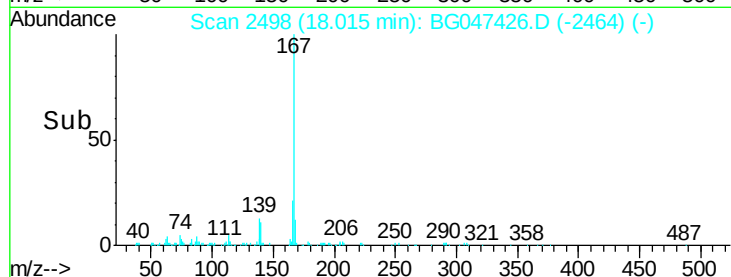
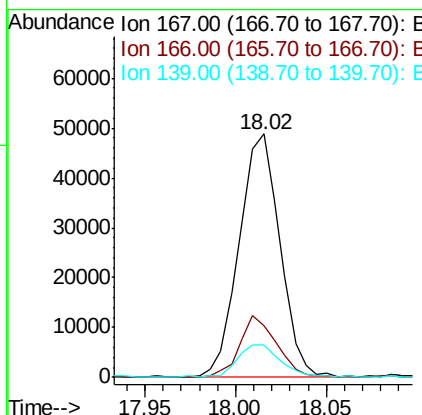
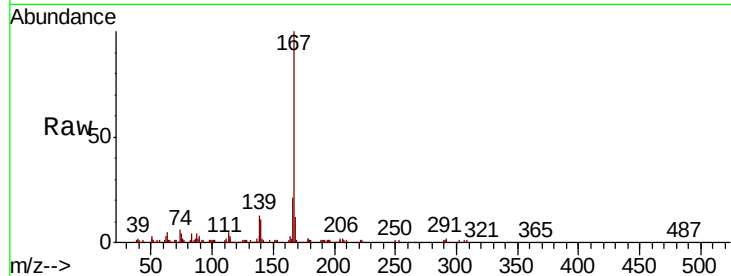
#75
 Carbazole
 Concen: 6.281 ng/ul
 RT: 18.02 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG047426.D
 Acq: 24 Nov 2020 00:25

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Tot Ion:	167	Resp:	76648
Ion Ratio	Lower	Upper	
167	100		
166	21.3	19.2	28.8
139	13.5	10.0	15.0

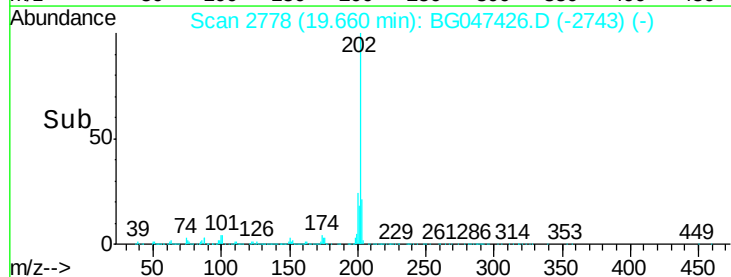
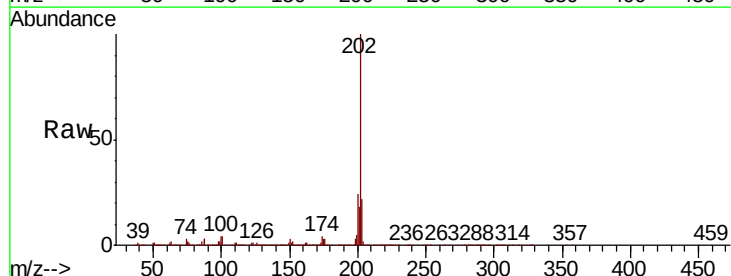
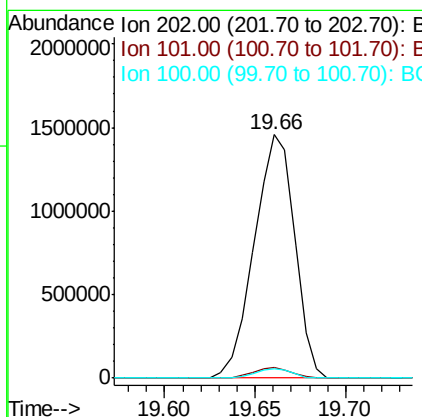
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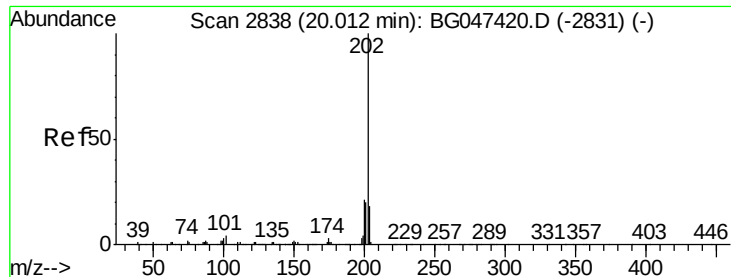
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#77
 Fluoranthene
 Concen: 118.726 ng/ul
 RT: 19.66 min Scan# 2778
 Delta R.T. 0.01 min
 Lab File: BG047426.D
 Acq: 24 Nov 2020 00:25

Tgt Ion:	202	Resp:	2252468
Ion Ratio	Lower	Upper	
202	100		
101	4.2	3.0	4.6
100	4.0	3.0	4.6





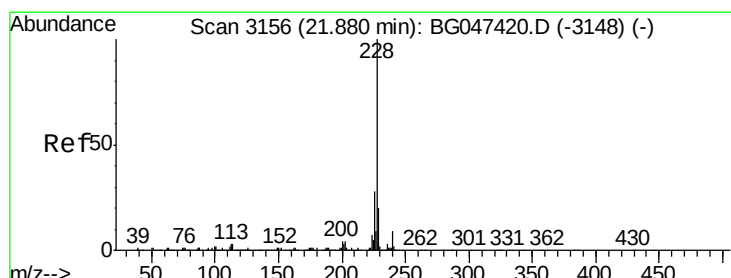
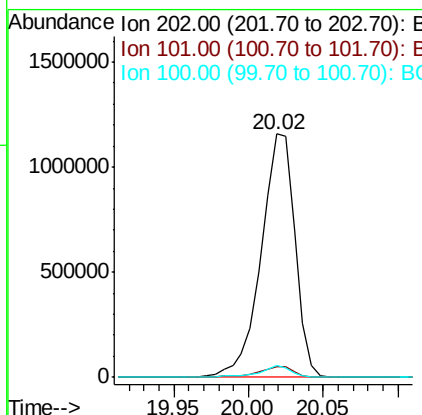
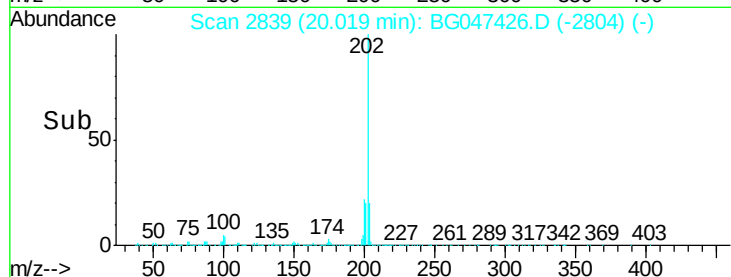
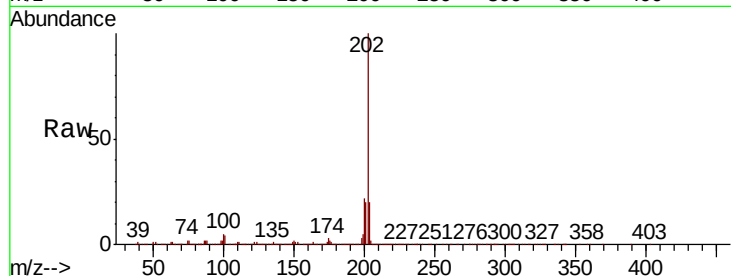
#80
Pvrene
Concen: 110.534 ng/ul
RT: 20.02 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Instrument :
BNA_G
ClientSampleId :
C0B71

Tot Ion	Ratio	Lower	Upper
202	100		
101	4.3	3.5	5.3
100	4.8	3.4	5.0

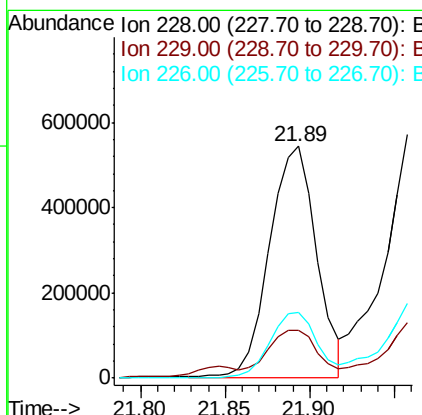
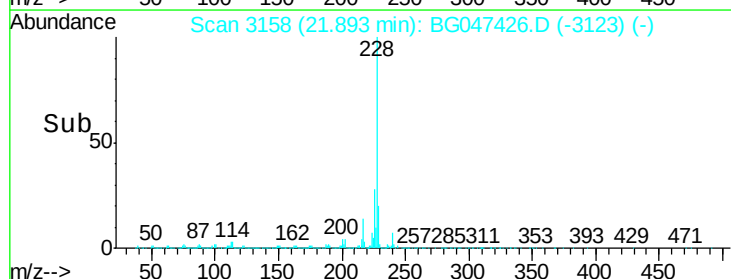
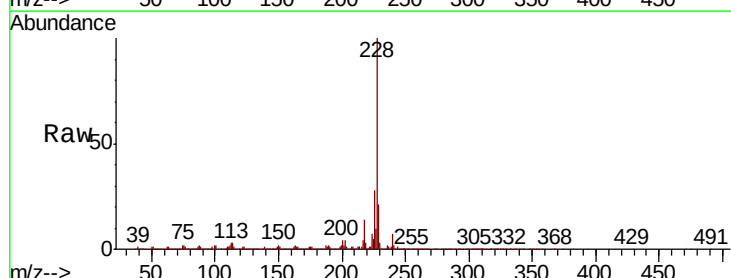
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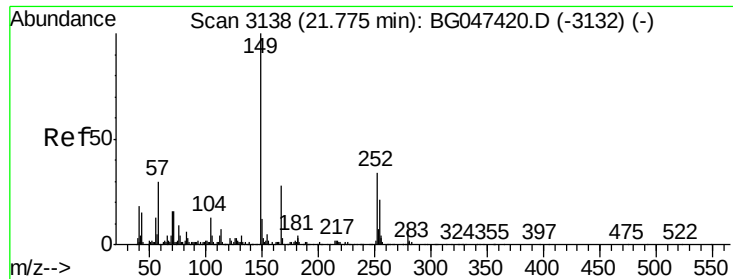
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#83
Benzo(a)anthracene
Concen: 63.588 ng/ul
RT: 21.89 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.1	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.629 ng/ul

RT: 21.78 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Instrument :

BNA_G

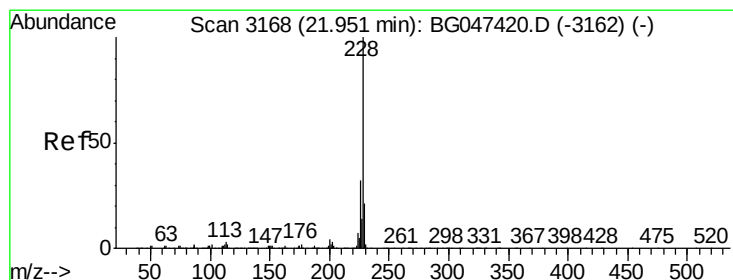
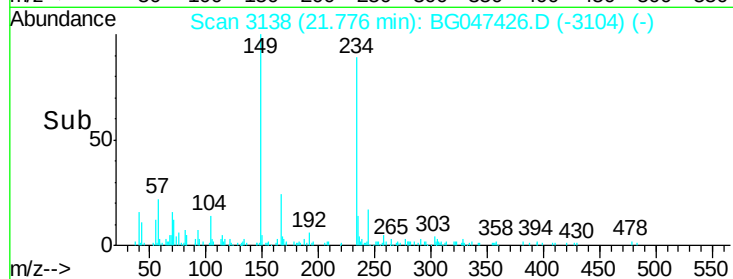
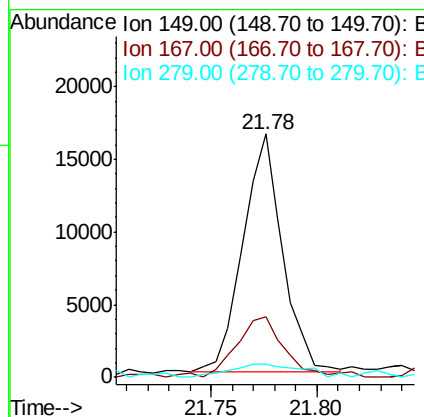
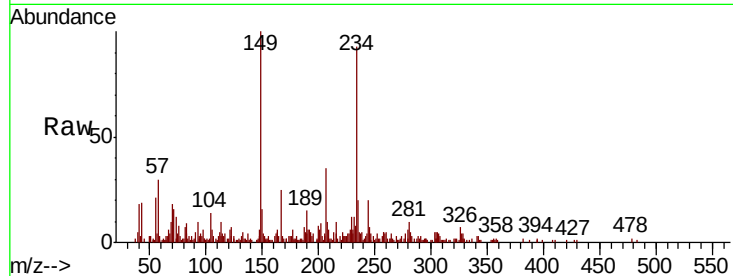
ClientSampleId :

C0B71

Tot Ion:	149	Resp:	21152
Ion Ratio	Lower	Upper	
149	100		
167	24.9	23.4	35.2
279	5.6	5.9	8.9#

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#85

Chrysene

Concen: 75.783 ng/ul

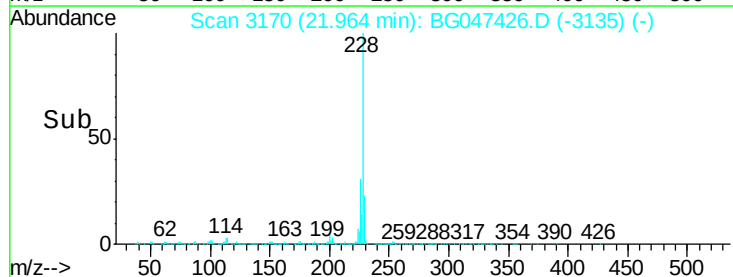
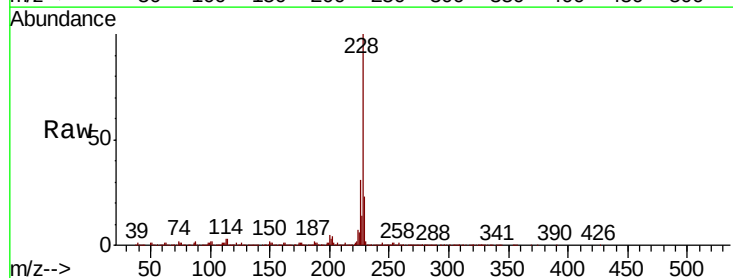
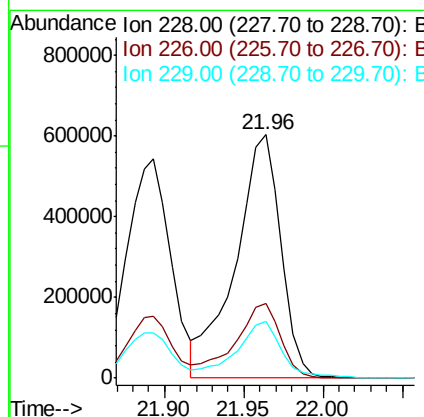
RT: 21.96 min Scan# 3170

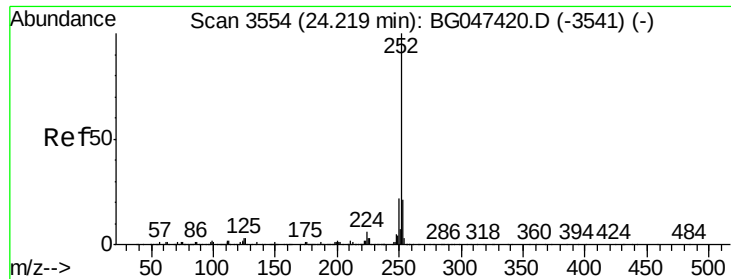
Delta R.T. 0.01 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Tgt Ion:	228	Resp:	1190413
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.3	33.5
229	23.1	16.5	24.7





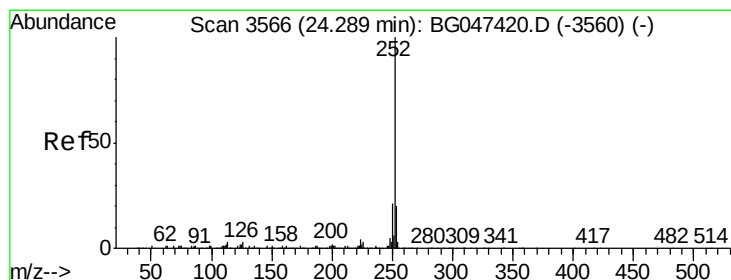
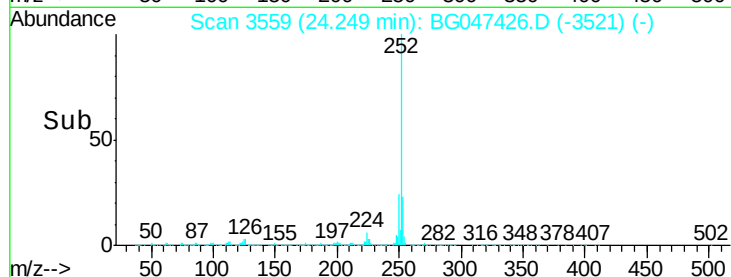
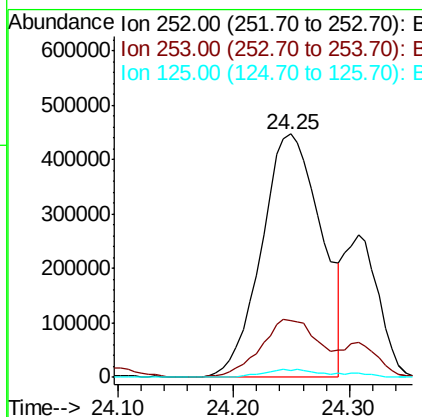
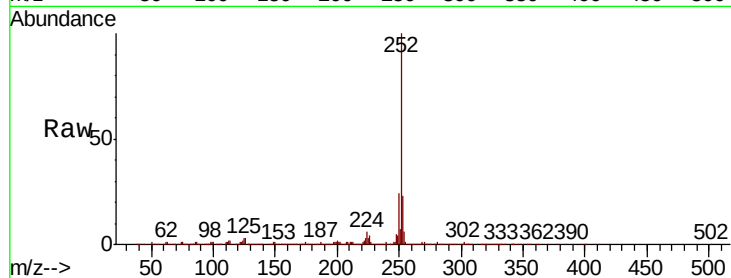
#88
Benzo(b)fluoranthene
Concen: 88.023 ng/ul
RT: 24.25 min Scan# 3559
Delta R.T. 0.02 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Instrument :
BNA_G
ClientSampled :
C0B71

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	2.7	2.7	4.1

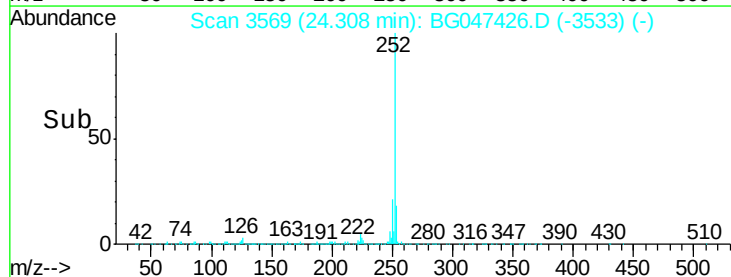
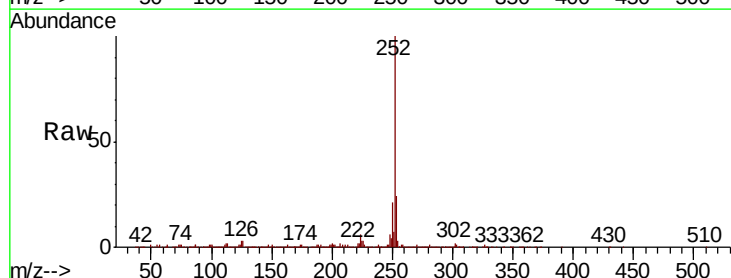
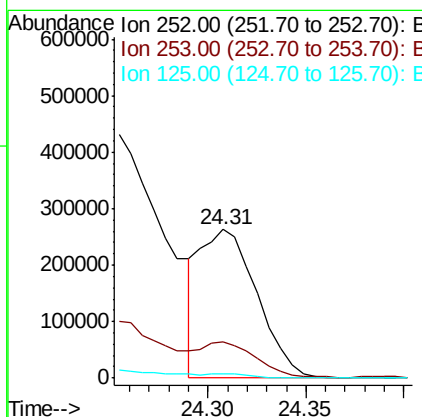
Manual Integrations
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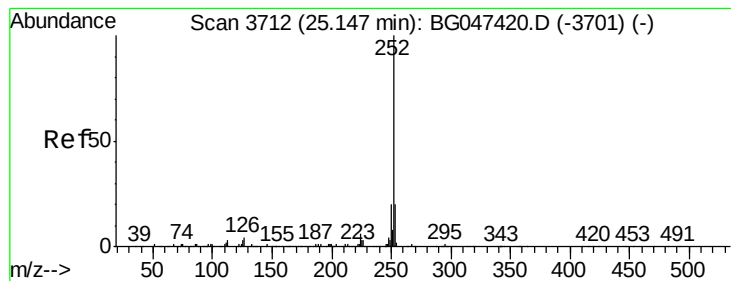
mohammad
11/25/2020 12:47:25 PM



#89
Benzo(k)fluoranthene
Concen: 29.401 ng/ul m
RT: 24.31 min Scan# 3569
Delta R.T. 0.01 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	2.7	2.2	3.2





#91

Benzo(a)pyrene

Concen: 61.386 ng/ul m

RT: 25.17 min Scan# 3716

Delta R.T. 0.02 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Instrument :

BNA_G

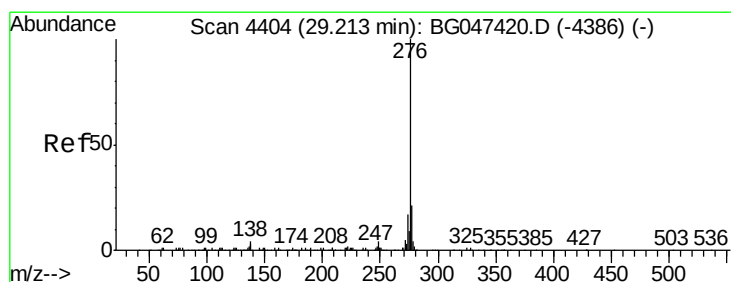
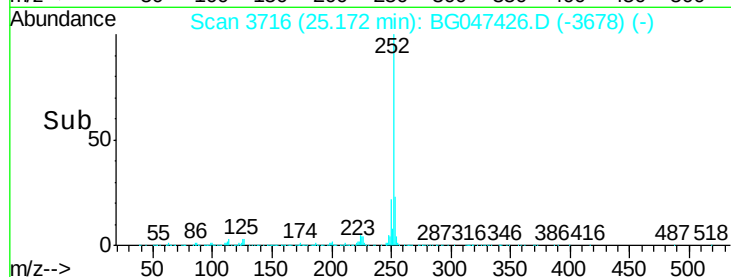
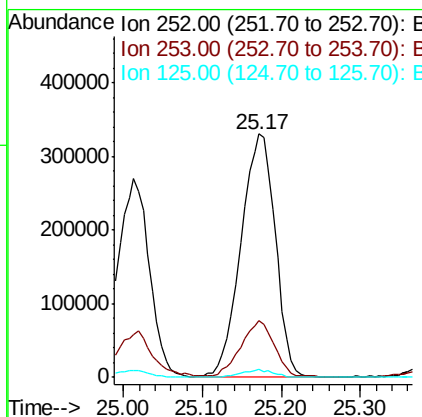
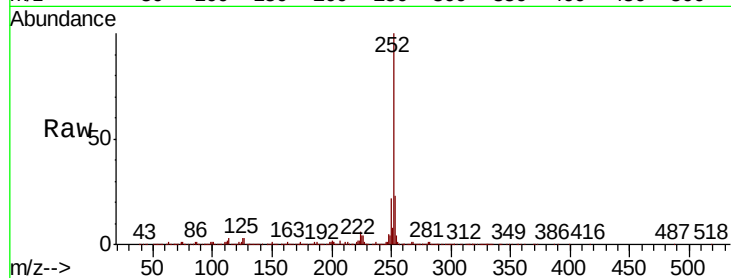
ClientSampleId :

C0B71

Tot Ion:	252	Resp:	998047
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.6	27.8
125	3.1	3.1	4.7#

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 36.329 ng/ul

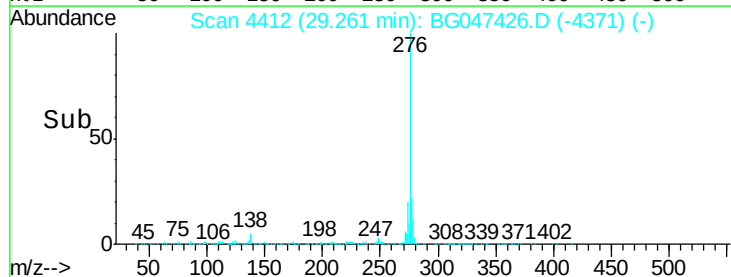
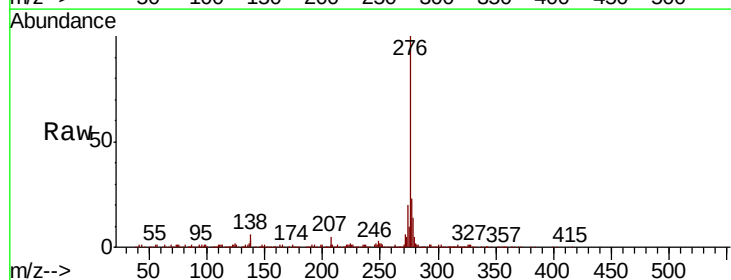
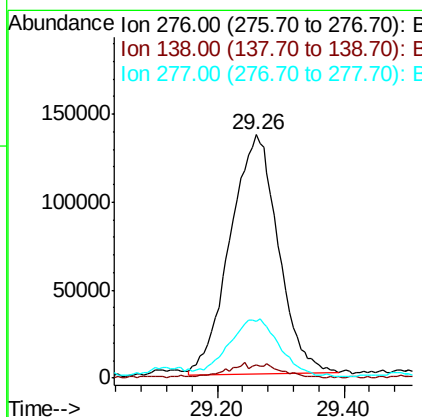
RT: 29.26 min Scan# 4412

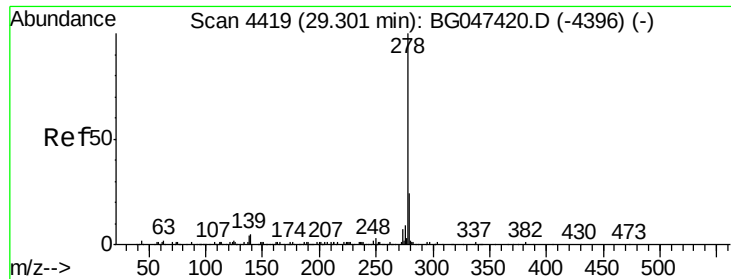
Delta R.T. 0.04 min

Lab File: BG047426.D

Acq: 24 Nov 2020 00:25

Tgt Ion:	276	Resp:	718476
Ion Ratio	Lower	Upper	
276	100		
138	5.6	5.0	7.6
277	23.5	16.5	24.7





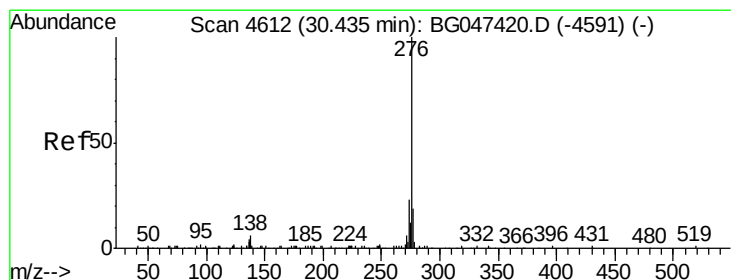
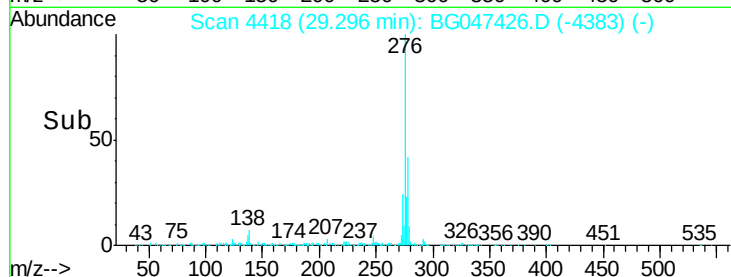
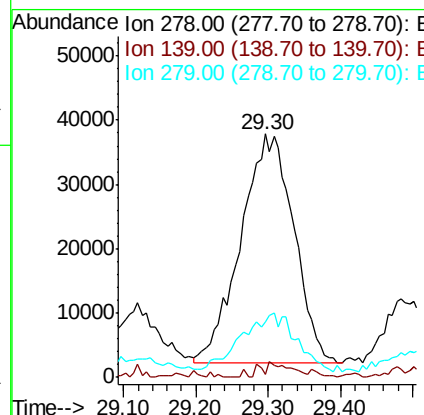
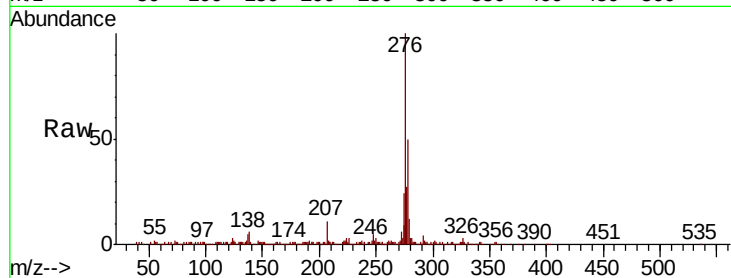
#93
Dibenzo(a,h)anthracene
Concen: 11.239 ng/ul m
RT: 29.30 min Scan# 4418
Delta R.T. 0.01 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Instrument :
BNA_G
ClientSampled :
C0B71

Tot Ion	Ratio	Lower	Upper
278	100		
139	1.3	4.6	7.0#
279	23.0	18.2	27.2

Manual Integrations
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11/25/2020 12:47:25 PM



#94
Benzo(g,h,i)perylene
Concen: 35.993 ng/ul
RT: 30.48 min Scan# 4620
Delta R.T. 0.04 min
Lab File: BG047426.D
Acq: 24 Nov 2020 00:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.0	5.8	8.6#
277	23.2	17.4	26.2

