

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047430.D
 Acq On : 24 Nov 2020 3:07
 Operator : CG/JU
 Sample : L4749-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B22

Manual Integrations
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 11/25/2020 12:47:33 PM

Quant Time: Nov 24 04:05:09 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	8.28	152	35134	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	137333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	97815	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	219935m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	194599	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	206420	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1588m	1.64	ng/uL	0.00
5) Phenol-d5	7.41	99	47487	13.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	28034	13.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33230	14.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	33760	12.47	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19398	17.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	20023	16.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	43556	15.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	38999	13.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	138501	16.49	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	163817	16.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14265	11.13	ng/ul	0.00
58) Fluorene-d10	15.87	176	126471	16.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8596	6.87	ng/ul	0.00
71) Anthracene-d10	17.72	188	192271	17.62	ng/ul	0.00
79) Pyrene-d10	19.98	212	216047	19.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	218646	18.40	ng/ul	0.00
Target Compounds						
6) Phenol	7.43	94	6812	2.018	ng/ul#	85
45) Dimethylphthalate	14.32	163	19906	2.324	ng/ul	98
70) Phenanthrene	17.66	178	97303m	8.193	ng/ul	
72) Anthracene	17.76	178	18423	1.540	ng/ul	95
77) Fluoranthene	19.65	202	187759m	12.518	ng/ul	
80) Pyrene	20.01	202	159501	11.571	ng/ul	99
83) Benzo(a)anthracene	21.88	228	88104	6.363	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	15726	2.330	ng/ul#	88
85) Chrysene	21.94	228	80620	6.119	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	99152	6.803	ng/ul	95
89) Benzo(k)fluoranthene	24.28	252	39984m	2.784	ng/ul	
91) Benzo(a)pyrene	25.15	252	72745	5.599	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.21	276	47343m	2.996	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	32576m	2.498	ng/ul	

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

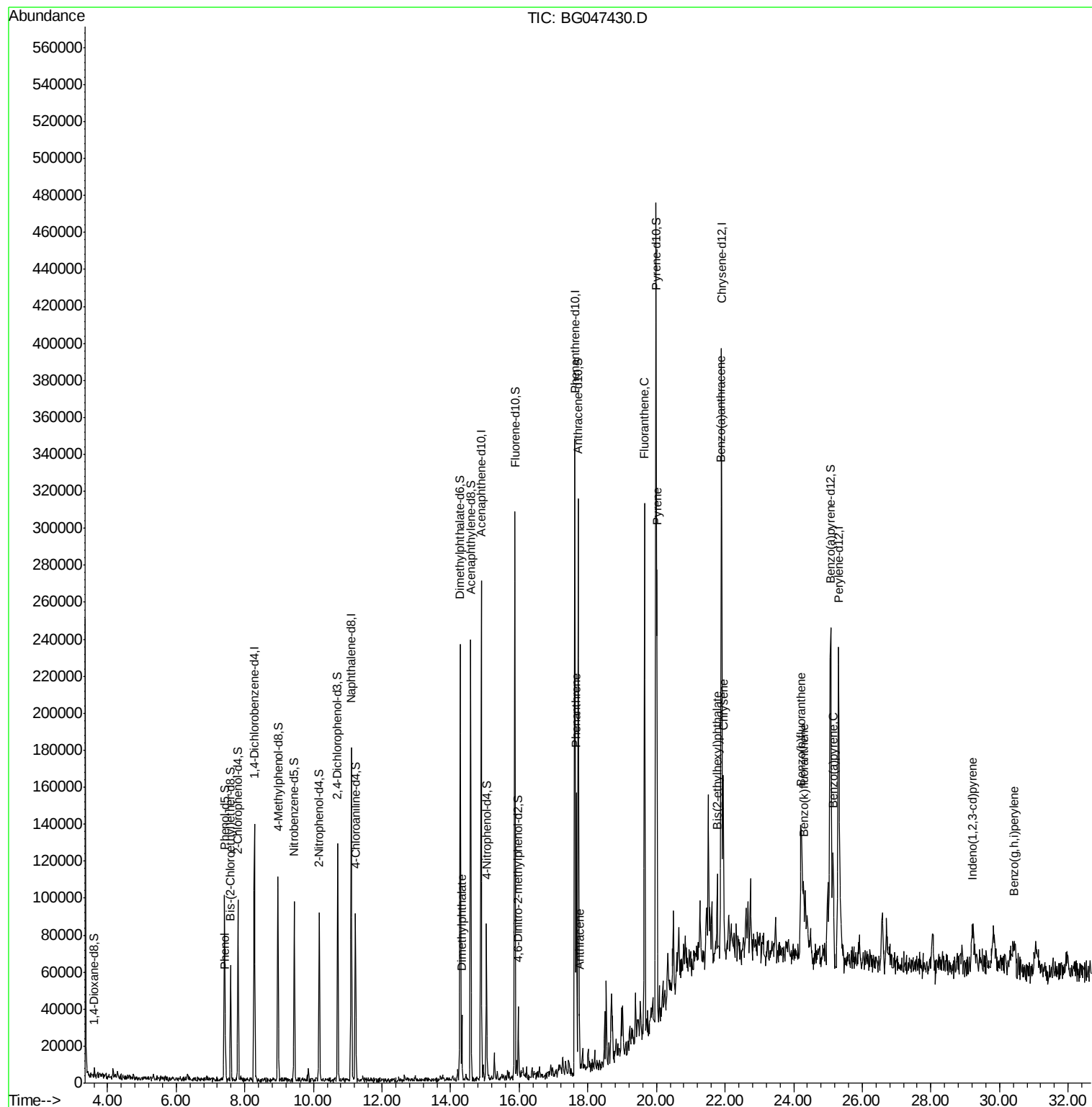
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047430.D
Acq On : 24 Nov 2020 3:07
Operator : CG/JU
Sample : L4749-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

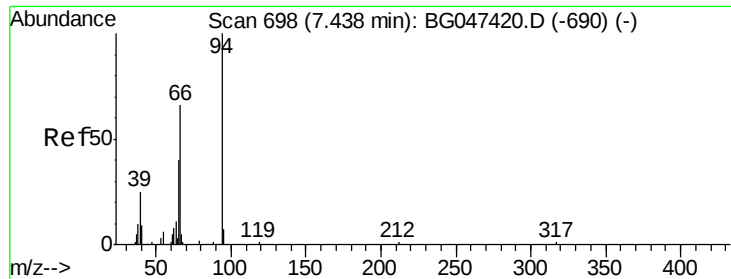
Instrument :
BNA_G
ClientSampleId :
C0B22

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Quant Time: Nov 24 04:05:09 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





#6

Phenol

Concen: 2.018 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Instrument :

BNA_G

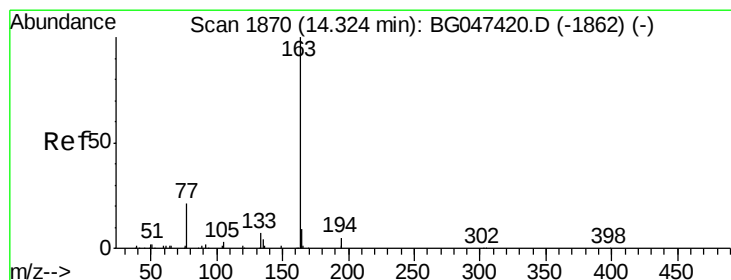
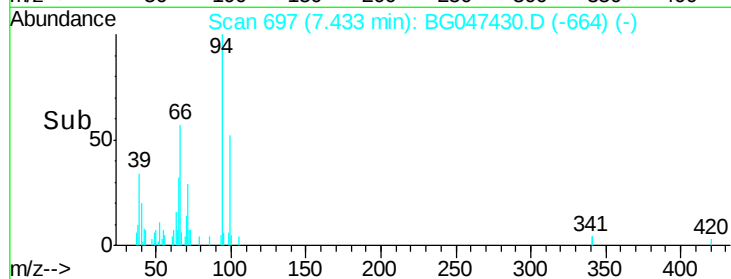
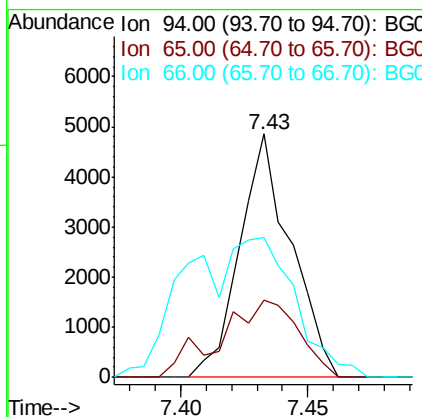
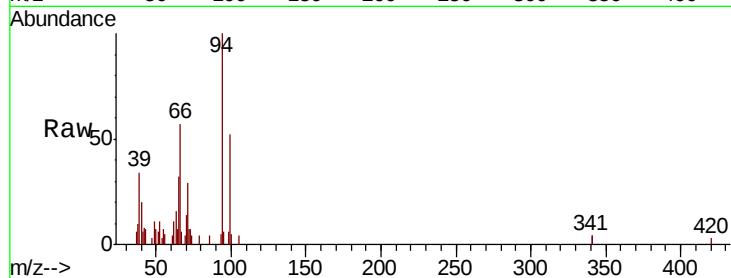
ClientSampleId :

C0B22

Tot Ion:	94	Resp:	6812
Ion	Ratio	Lower	Upper
94	100		
65	31.6	37.8	56.8#
66	57.3	51.6	77.4

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#45

Dimethylphthalate

Concen: 2.324 ng/ul

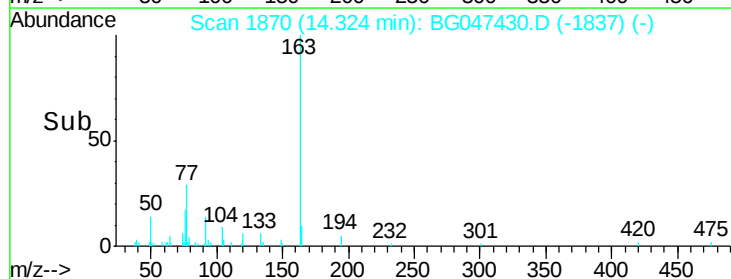
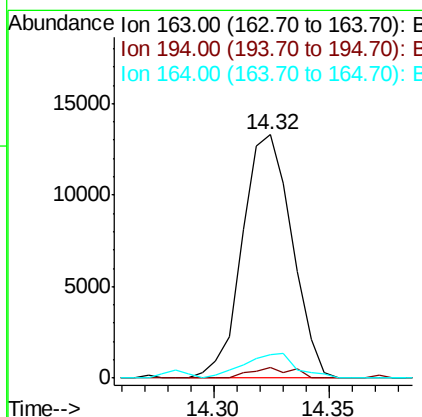
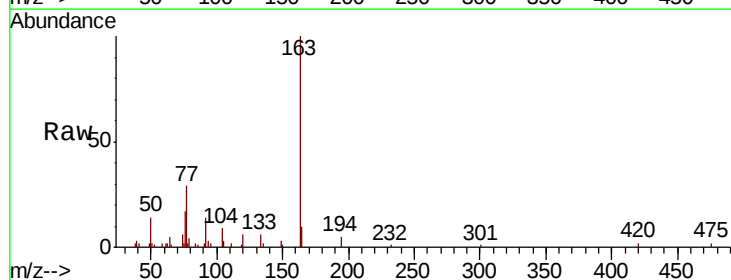
RT: 14.32 min Scan# 1870

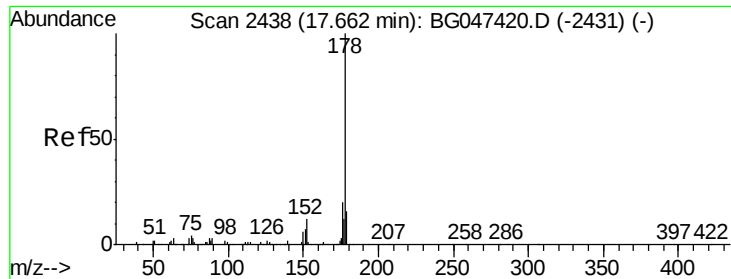
Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tgt Ion:	163	Resp:	19906
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.6	8.5	12.7





#70

Phenanthrene

Concen: 8.193 ng/ul m

RT: 17.66 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Instrument :

BNA_G

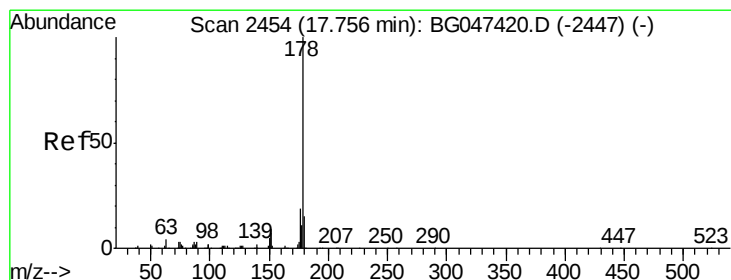
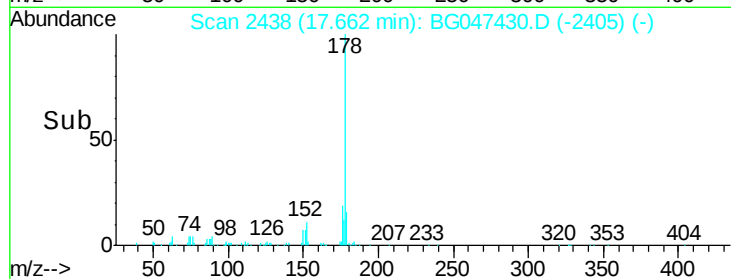
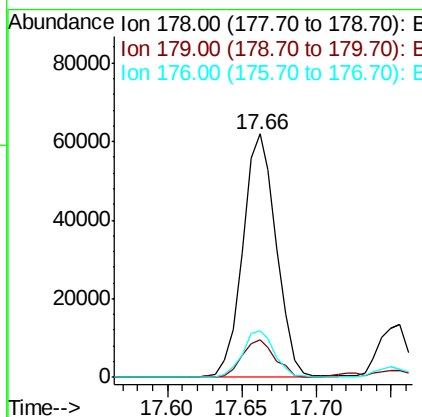
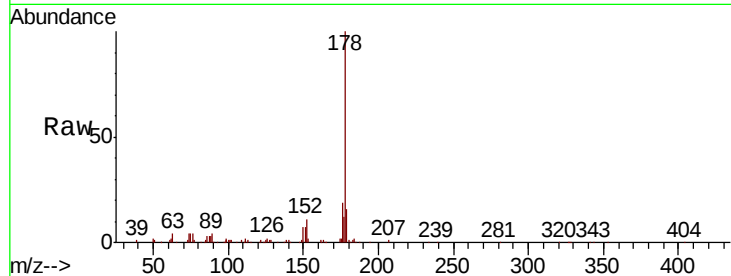
ClientSampleId :

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Tot Ion:178	Resp:	97303
Ion Ratio	Lower	Upper
178	100	
179	15.6	11.8 17.6
176	19.0	13.9 20.9

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#72

Anthracene

Concen: 1.540 ng/ul

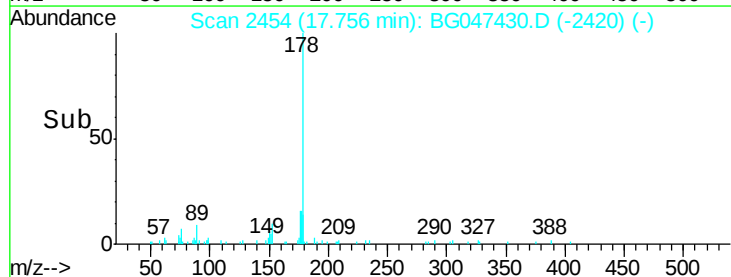
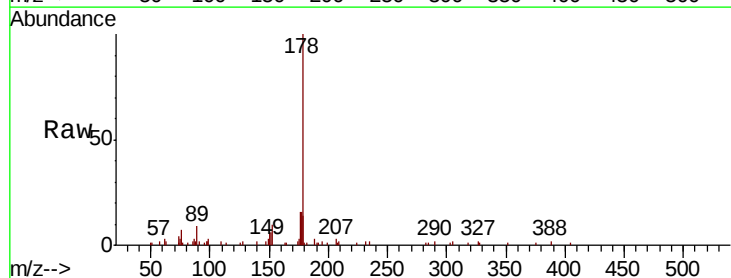
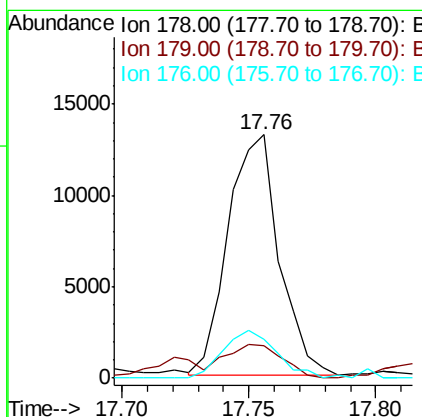
RT: 17.76 min Scan# 2454

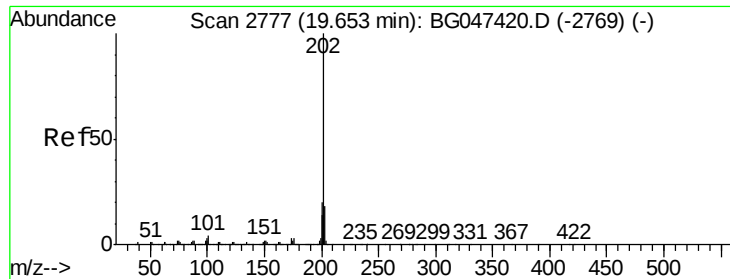
Delta R.T. 0.00 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tgt Ion:178	Resp:	18423
Ion Ratio	Lower	Upper
178	100	
179	13.6	11.7 17.5
176	16.0	15.4 23.0





#77

Fluoranthene

Concen: 12.518 ng/ul m

RT: 19.65 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Instrument :

BNA_G

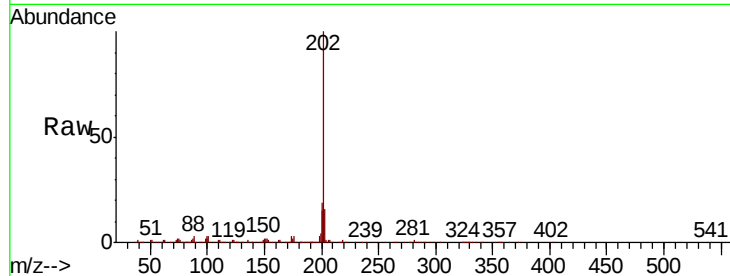
ClientSampleId :

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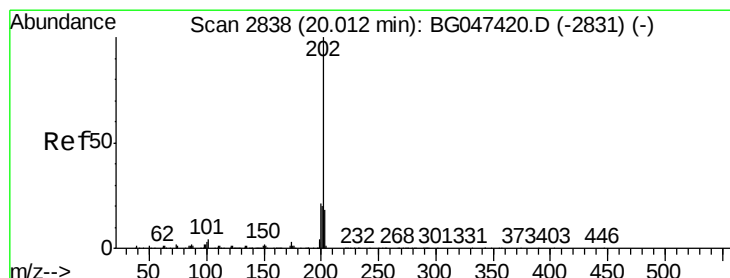
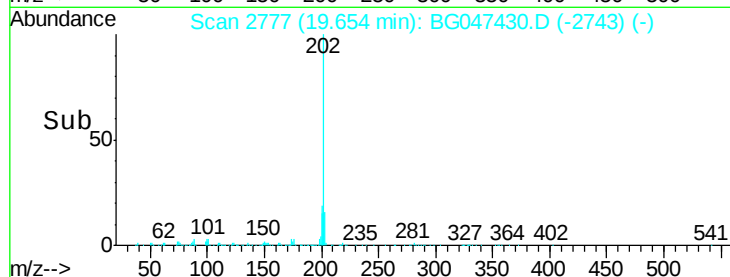
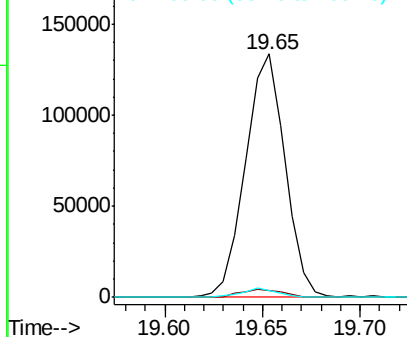
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		187759		
101	3.0	3.0	4.6#		
100	2.8	3.0	4.6#		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 11.571 ng/ul

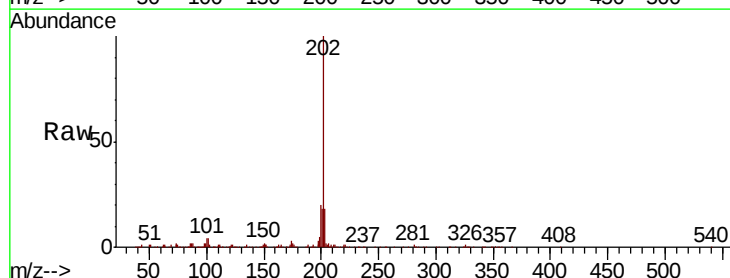
RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

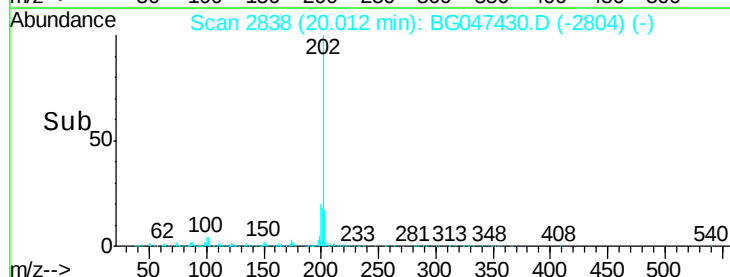
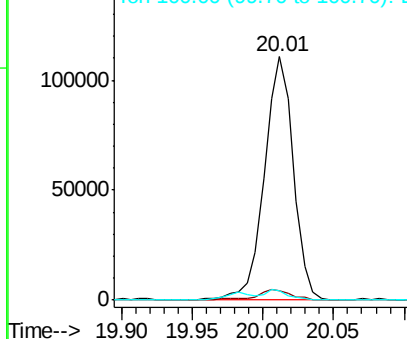
Lab File: BG047430.D

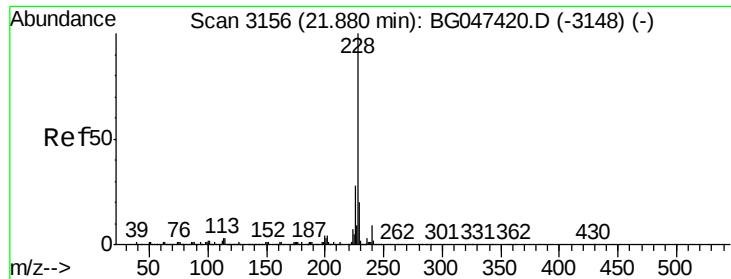
Acq: 24 Nov 2020 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		159501		
101	3.8	3.5	5.3		
100	3.8	3.4	5.0		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





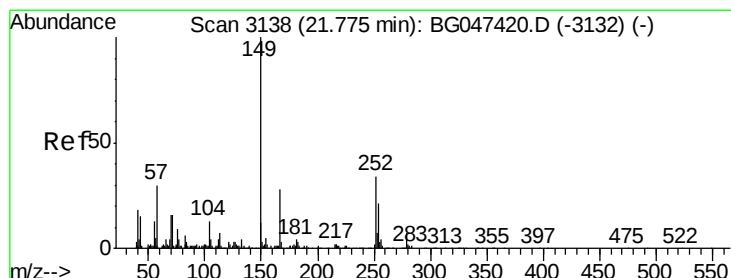
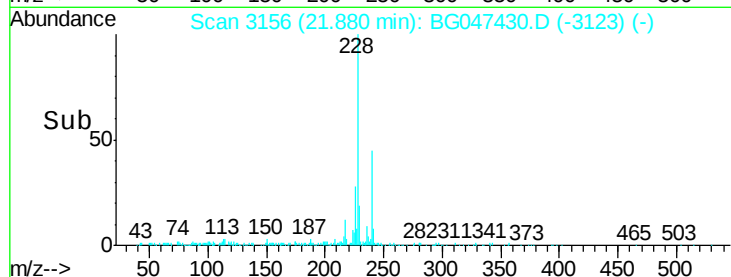
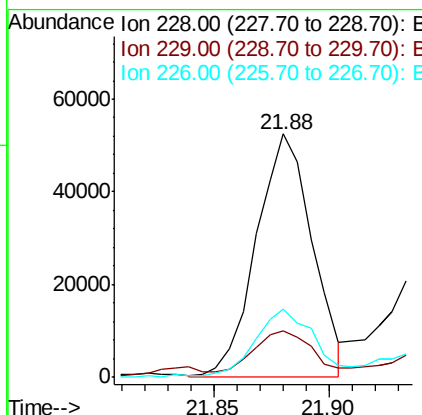
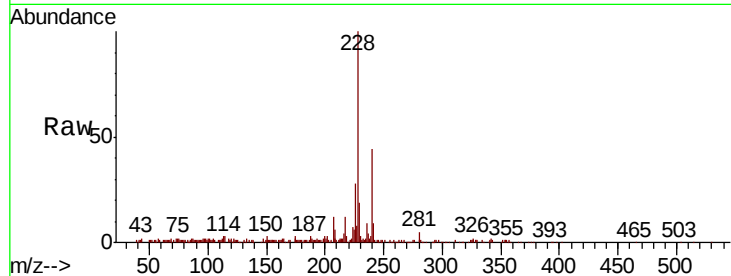
#83
 Benzo(a)anthracene
 Concen: 6.363 ng/ul
 RT: 21.88 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG047430.D
 Acq: 24 Nov 2020 3:07

Instrument :
 BNA_G
 ClientSampleId :
 C0B22

Tot Ion:	228	Resp:	88104
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.6	23.4
226	28.3	21.7	32.5

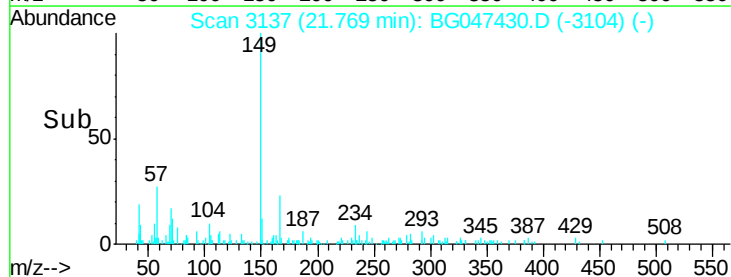
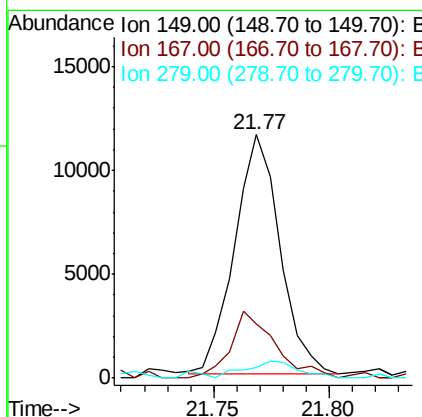
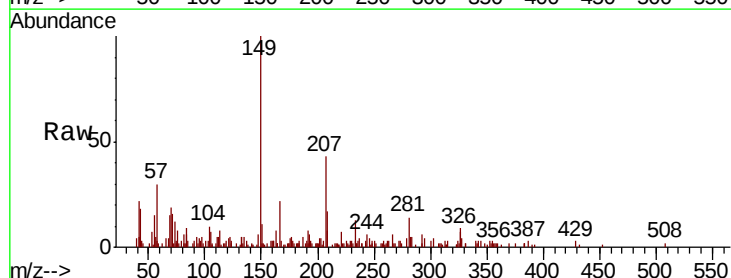
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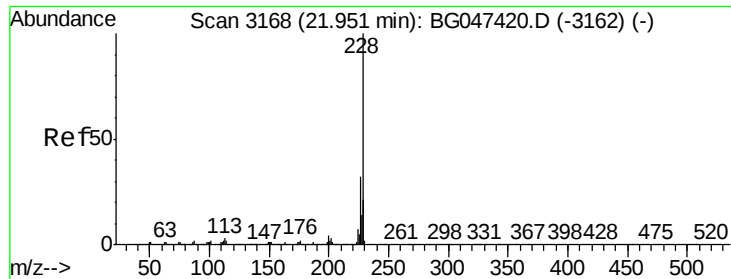
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.330 ng/ul
 RT: 21.77 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG047430.D
 Acq: 24 Nov 2020 3:07

Tgt Ion:	149	Resp:	15726
Ion Ratio	Lower	Upper	
149	100		
167	22.2	23.4	35.2#
279	4.2	5.9	8.9#





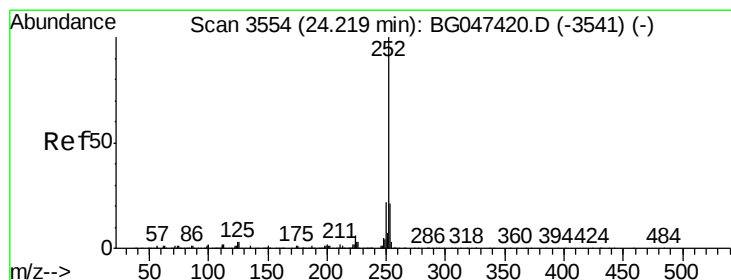
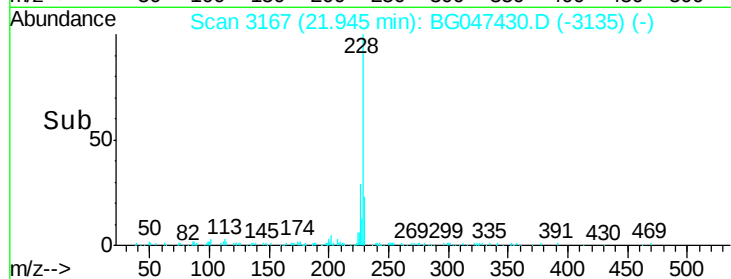
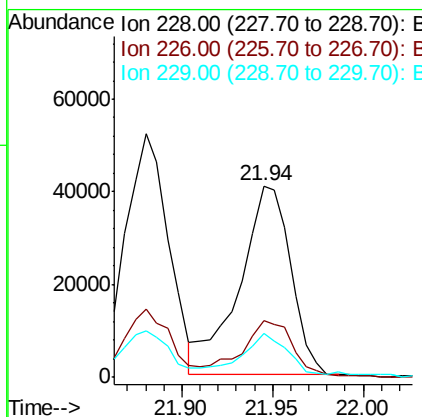
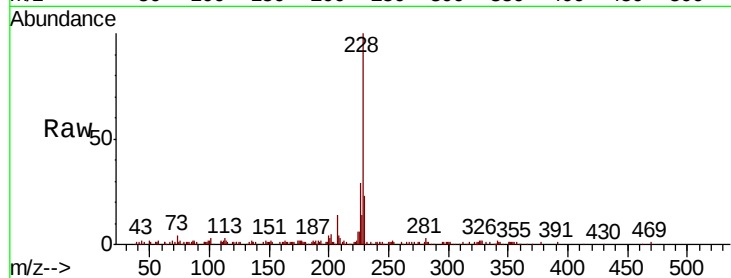
#85
Chrysene
Concen: 6.119 ng/ul
RT: 21.94 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Instrument :
BNA_G
ClientSampleId :
C0B22

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	22.9	16.5	24.7

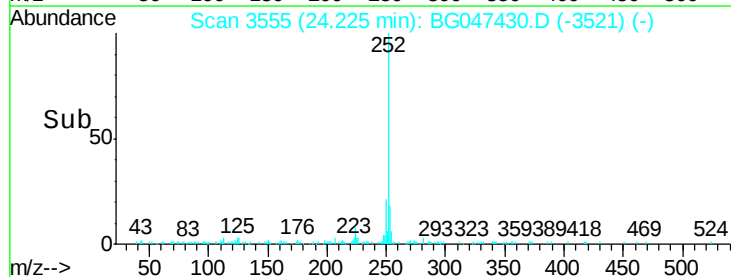
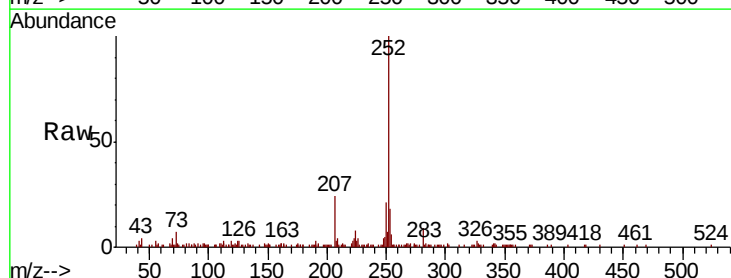
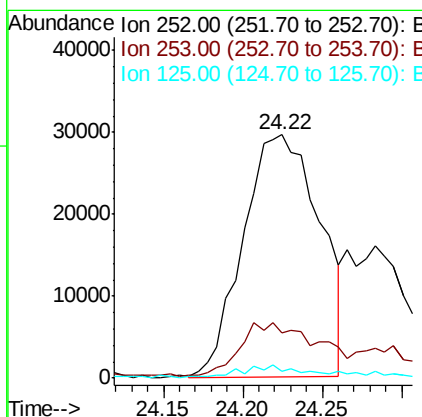
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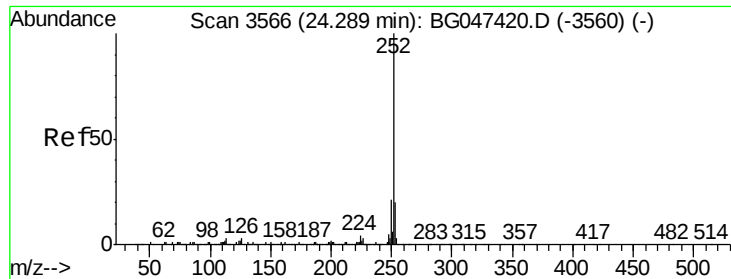
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#88
Benzo(b)fluoranthene
Concen: 6.803 ng/ul
RT: 24.22 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.5	16.6	25.0
125	2.9	2.7	4.1





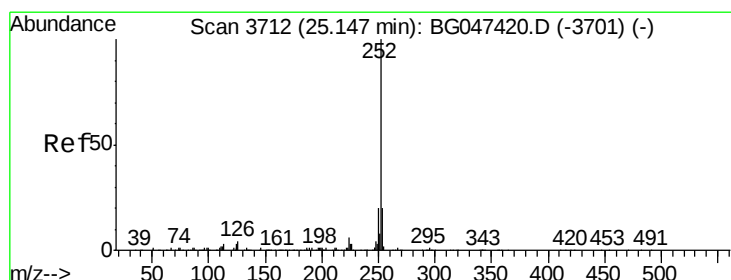
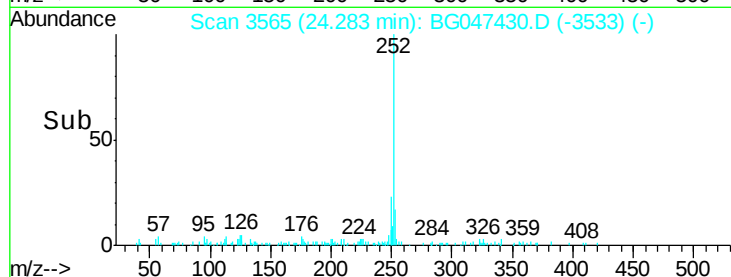
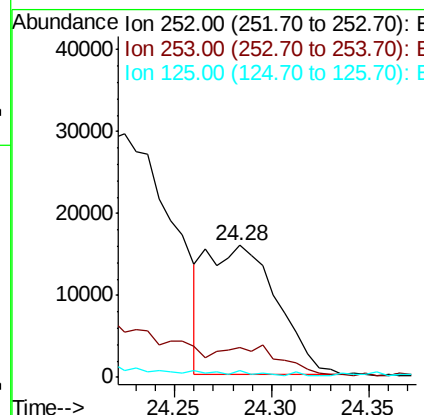
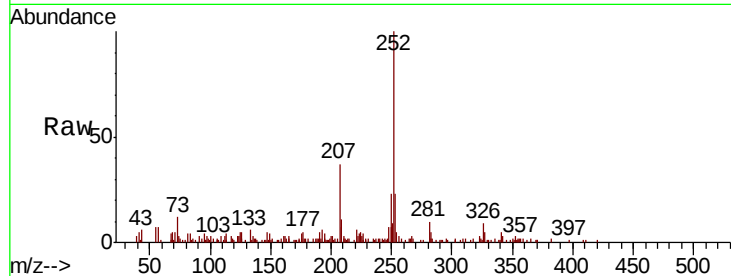
#89
Benzo(k)fluoranthene
Concen: 2.784 ng/ul m
RT: 24.28 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Instrument :
BNA_G
ClientSampleId :
C0B22

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.0	2.2	3.2#

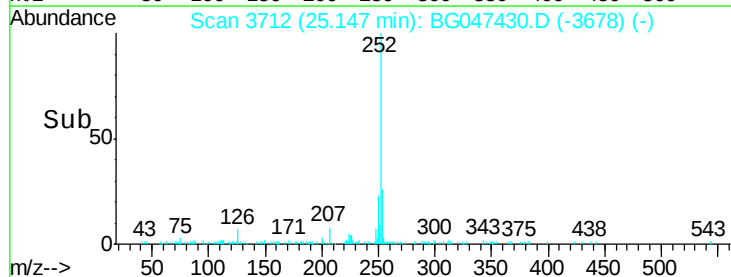
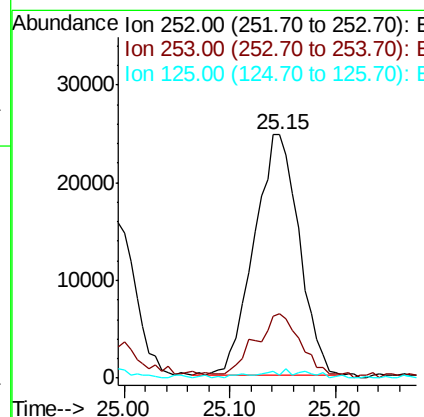
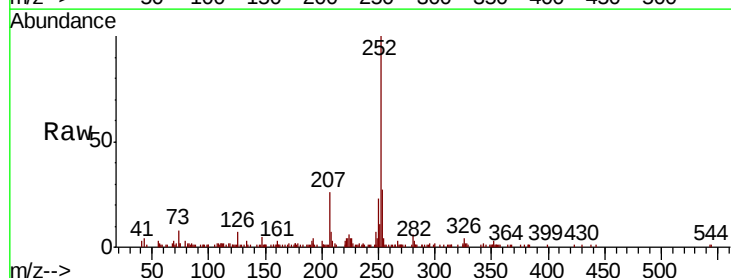
Manual Integrations
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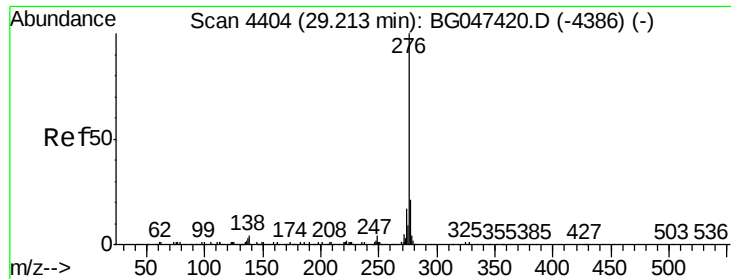
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#91
Benzo(a)pyrene
Concen: 5.599 ng/ul
RT: 25.15 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.6	27.8
125	1.1	3.1	4.7#





#92

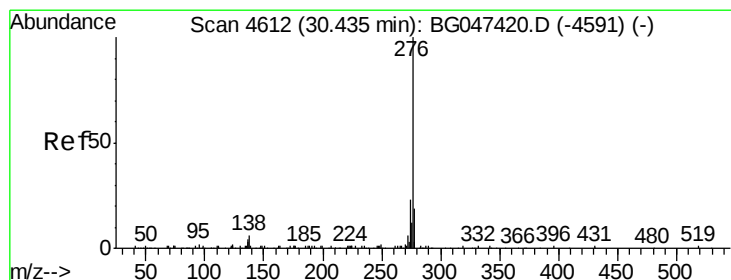
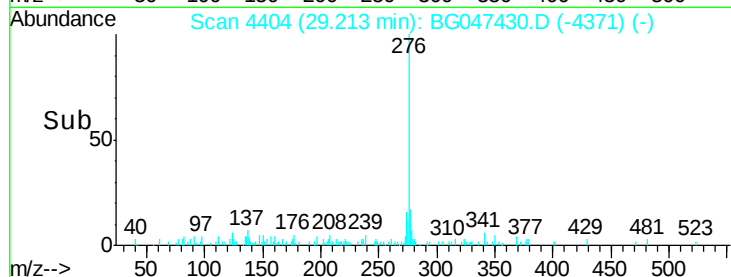
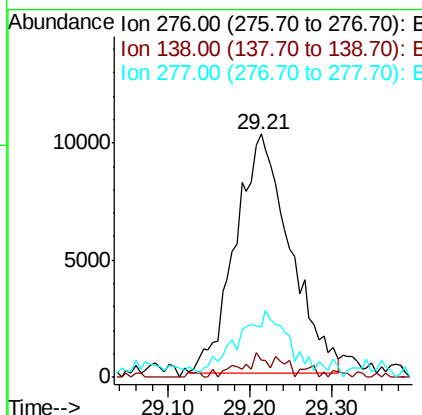
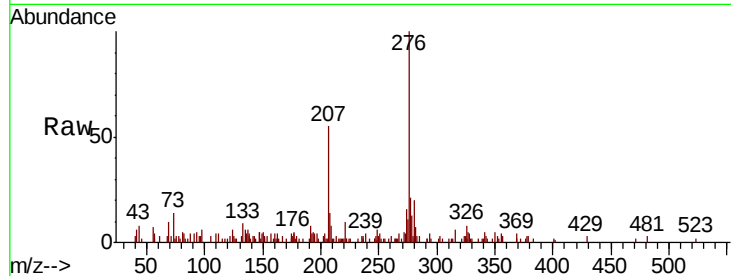
Indeno(1,2,3-cd)pyrene
Concen: 2.996 ng/ul m
RT: 29.21 min Scan# 4404
Delta R.T. -0.01 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Instrument :
BNA_G
ClientSampleId :
C0B22

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.3	5.0	7.6#
277	20.6	16.5	24.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:33 PM



#94

Benzo(g,h,i)perylene
Concen: 2.498 ng/ul m
RT: 30.42 min Scan# 4610
Delta R.T. -0.02 min
Lab File: BG047430.D
Acq: 24 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	5.8	8.6#
277	20.0	17.4	26.2

