Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047441.D
Acq On : 24 Nov 2020 11:16
Operator : CG/JU
Sample : L4751-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B80

Manual Integrations APPROVED
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Quant Time: Nov 24 12:10:42 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	32097	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	124666	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	91135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	200581m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	181098	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	190844	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1147	1.30	ng/uL	0.00
5) Phenol-d5	7.40	99	41435	12.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	23317	12.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	30777	14.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	28630	11.57	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	17235	16.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16554	14.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	35024	13.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	30343	11.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	111232	14.22	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	132154	14.62	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13154	11.02	ng/ul	0.00
58) Fluorene-d10	15.87	176	100663	14.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	5971	5.23	ng/ul	0.00
71) Anthracene-d10	17.72	188	154004	15.48	ng/ul	0.00
79) Pyrene-d10	19.98	212	169724	16.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	169314	15.41	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.43	94	7398	2.399	ng/ul#	77
45) Dimethylphthalate	14.33	163	22337	2.799	ng/ul	96
70) Phenanthrene	17.66	178	67065	6.192	ng/ul	96
77) Fluoranthene	19.65	202	241494	17.654	ng/ul	100
80) Pyrene	20.01	202	189023	14.735	ng/ul	99
83) Benzo(a)anthracene	21.88	228	95570	7.417	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.76	149	7417	1.181	ng/ul#	89
85) Chrysene	21.95	228	126765	10.338	ng/ul	99
88) Benzo(b)fluoranthene	24.23	252	183881	13.646	ng/ul#	99
89) Benzo(k)fluoranthene	24.28	252	56654	4.267	ng/ul	93
91) Benzo(a)pyrene	25.14	252	108411	9.025	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	81451m	5.575	ng/ul	
93) Dibenzo(a,h)anthracene	29.26	278	21495m	1.794	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	68211m	5.658	ng/ul	

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

Quantitation Report (LSC Reviewed)

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Instrument :
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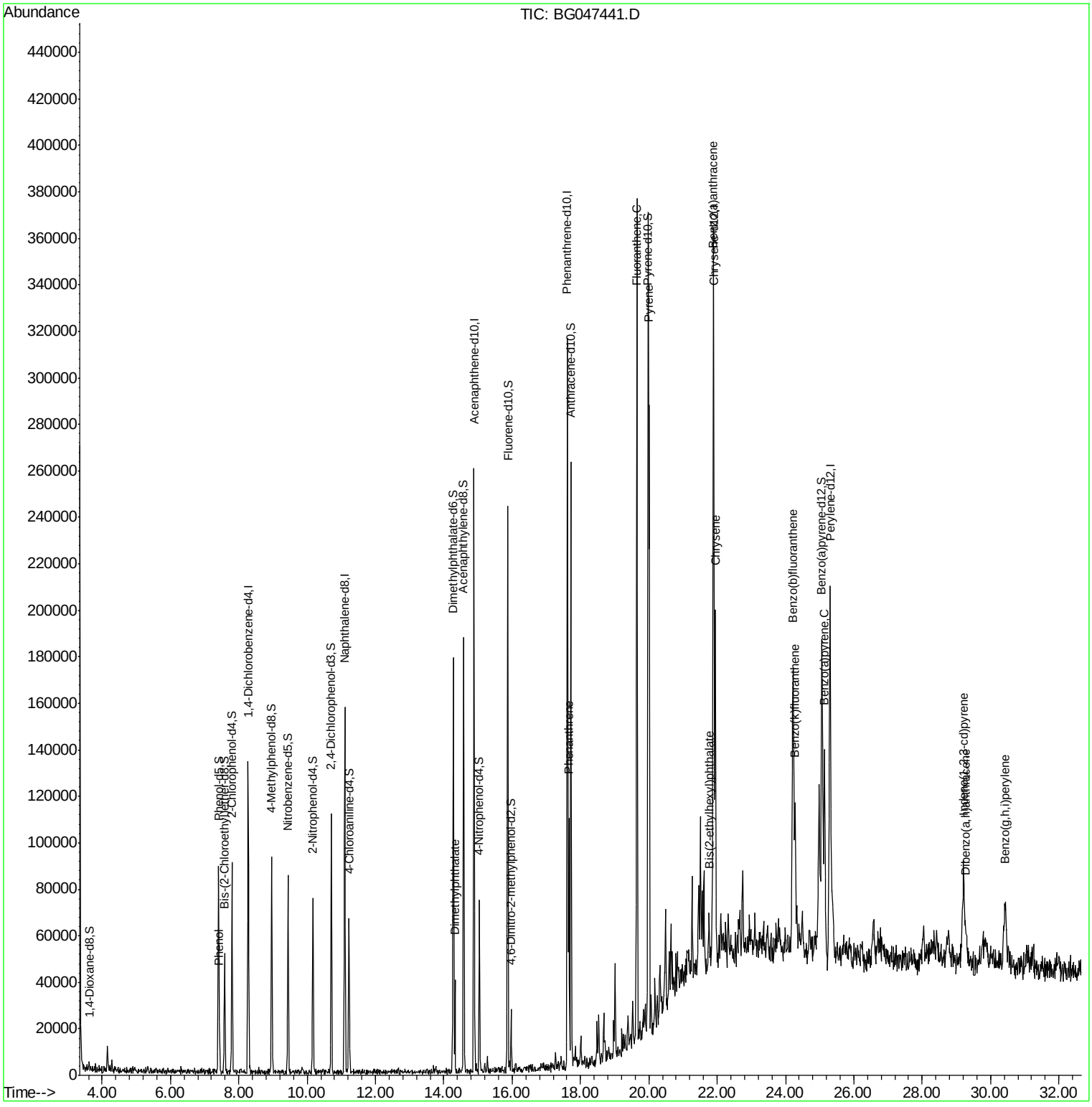
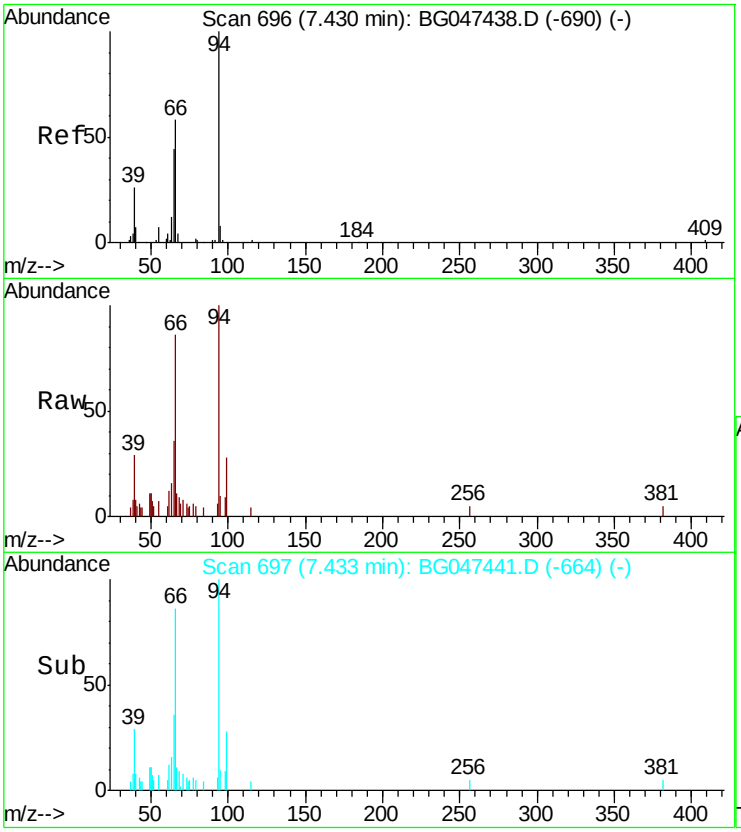
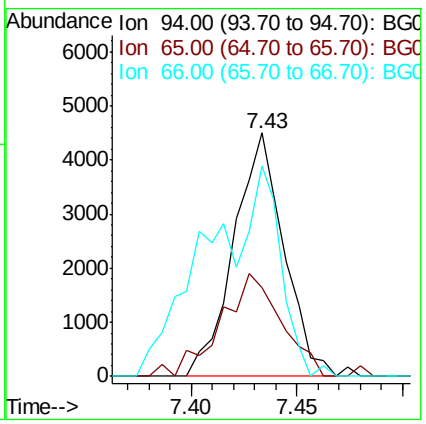




#6
Phenol
Concen: 2.399 ng/ul
RT: 7.43 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion: 94 Resp: 7398

Ion	Ratio	Lower	Upper
94	100		
65	36.4	37.8	56.8#
66	86.3	51.6	77.4#



Instrument :
BNA_G
ClientSampleId :
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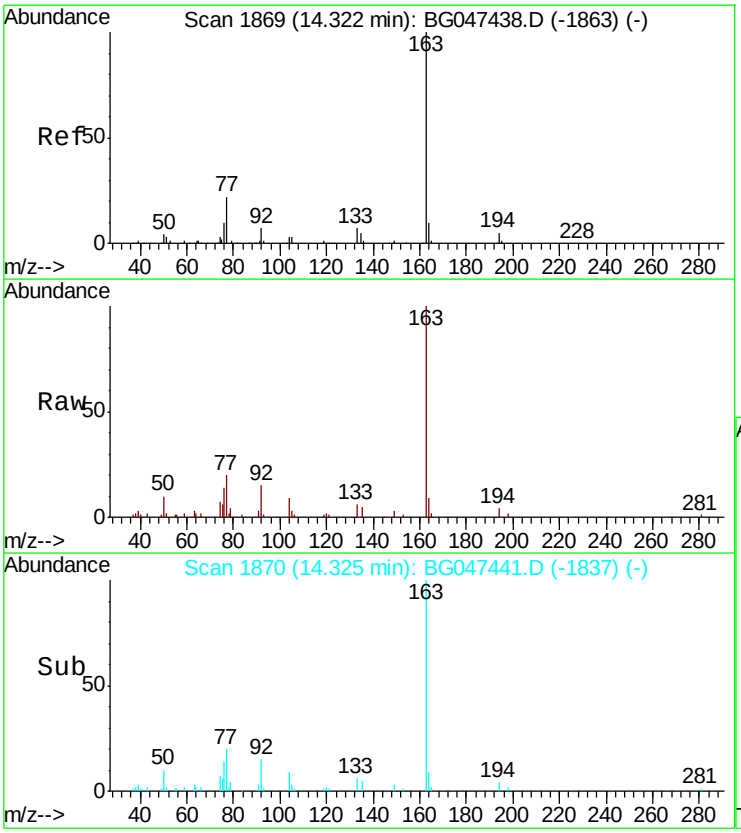
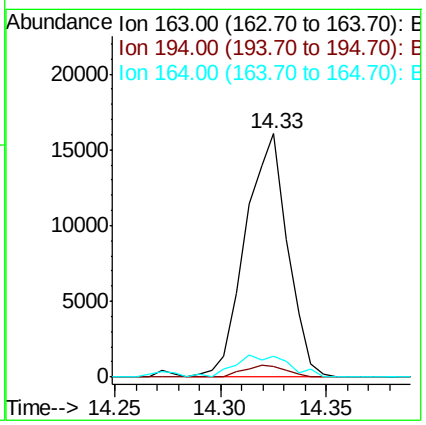
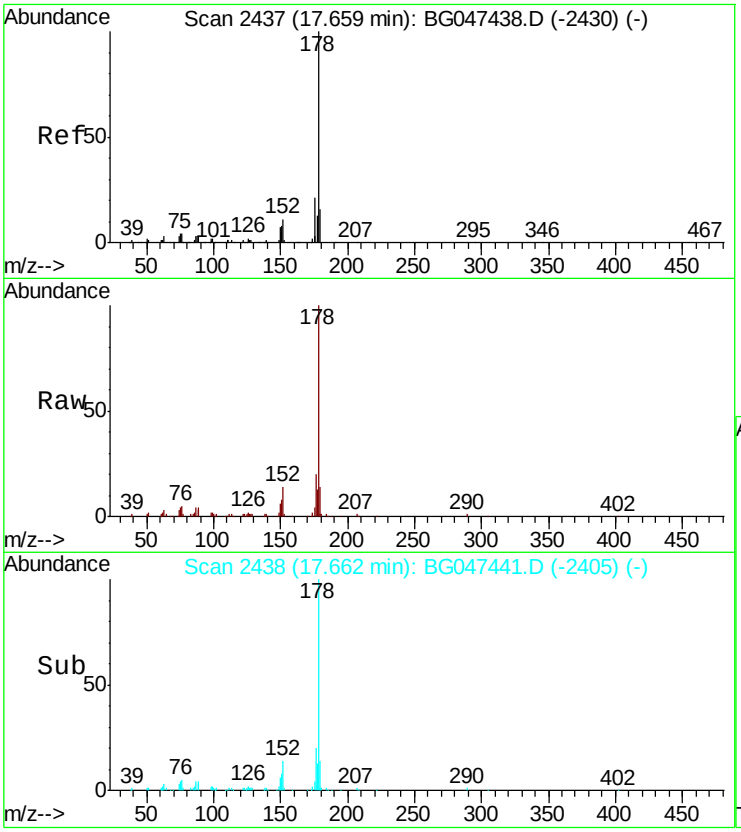


#45
Dimethylphthalate
Concen: 2.799 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:163 Resp: 22337

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	8.7	8.5	12.7

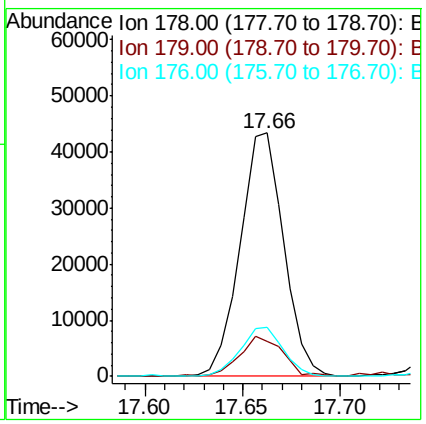




#70
Phenanthrene
Concen: 6.192 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:178 Resp: 67065

Ion	Ratio	Lower	Upper
178	100		
179	14.1	11.8	17.6
176	20.3	13.9	20.9



Instrument :
BNA_G
ClientSampleId :
C0B80

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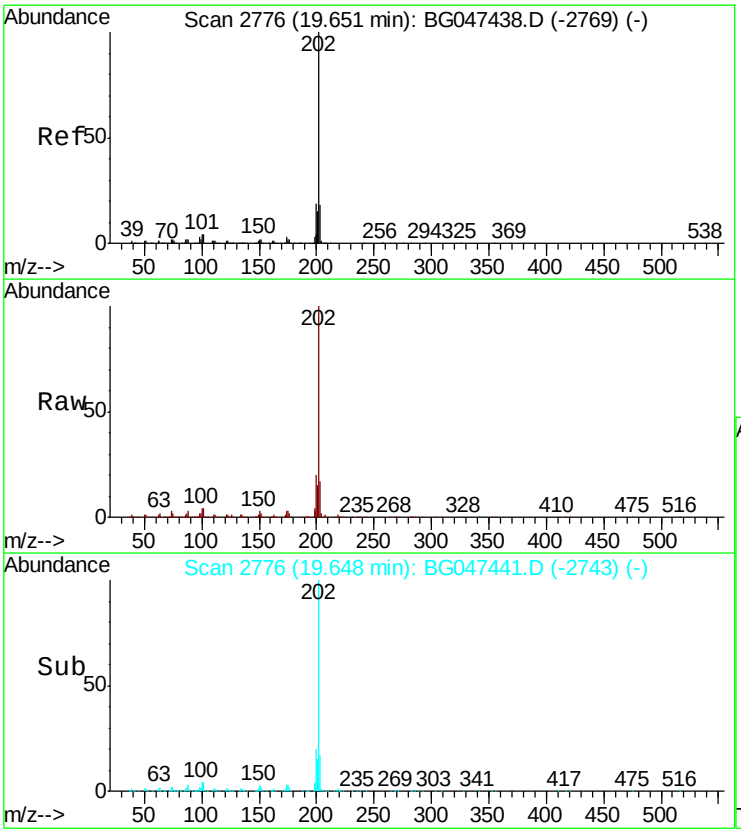
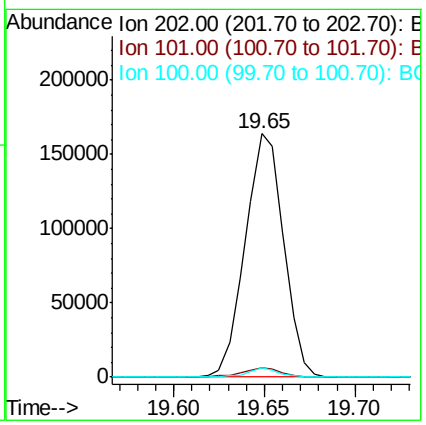
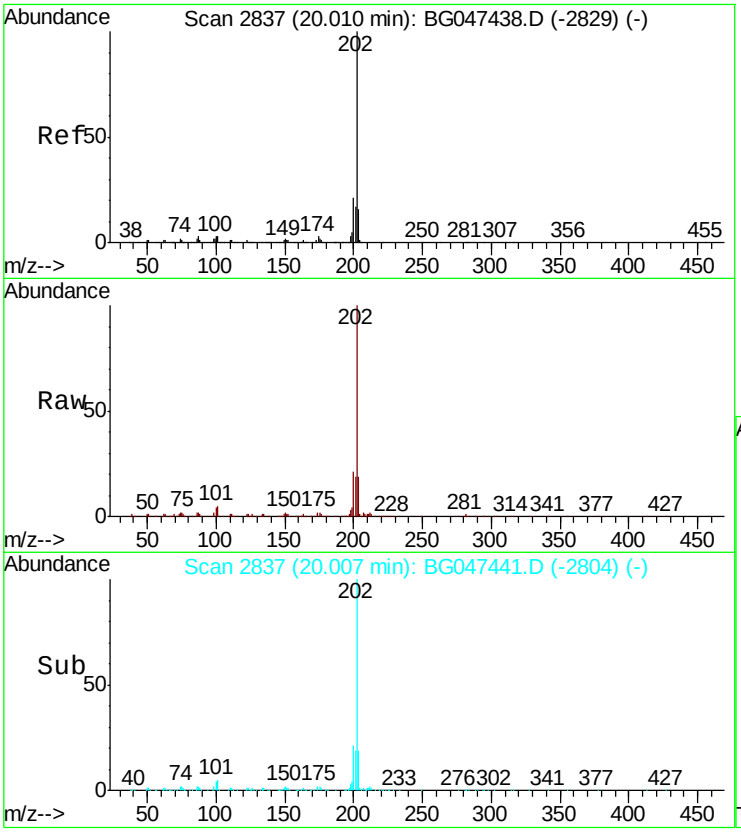


#77
Fluoranthene
Concen: 17.654 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:202 Resp: 241494

Ion	Ratio	Lower	Upper
202	100		
101	3.6	3.0	4.6
100	3.6	3.0	4.6

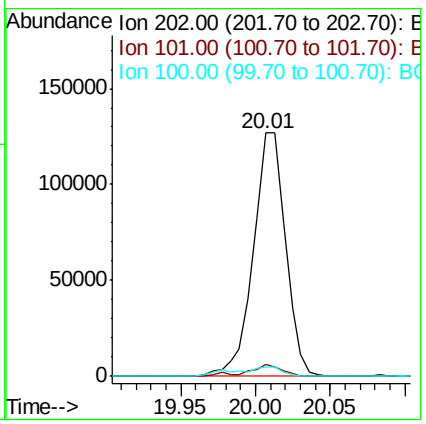




#80
Pyrene
Concen: 14.735 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:202 Resp: 189023

Ion	Ratio	Lower	Upper
202	100		
101	4.9	3.5	5.3
100	3.9	3.4	5.0



Instrument :
BNA_G
ClientSampleId :
C0B80

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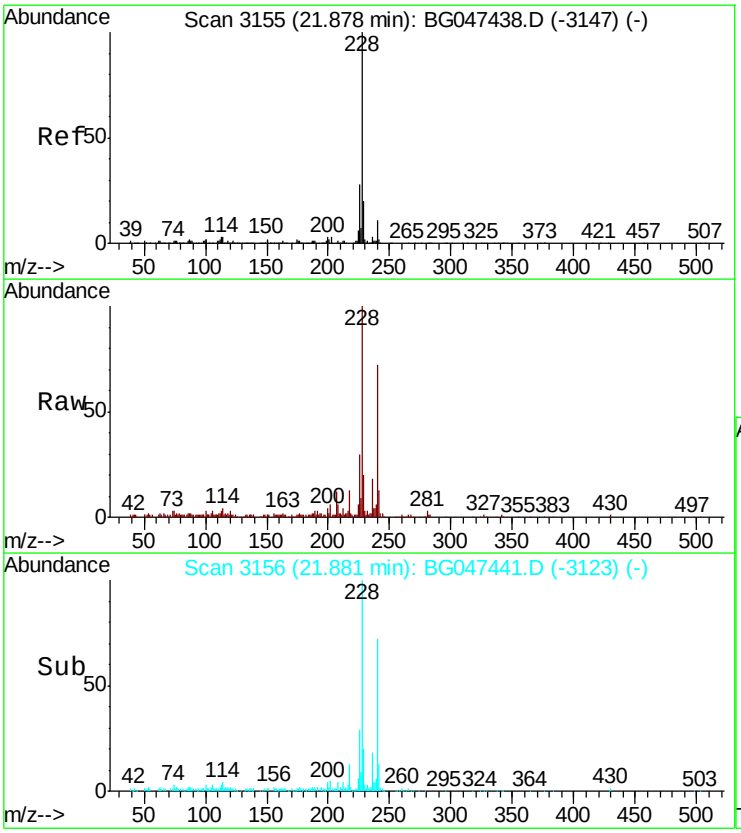
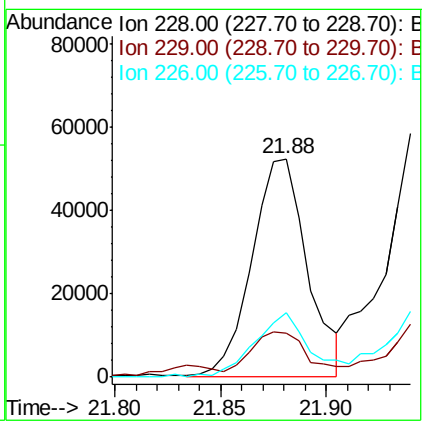
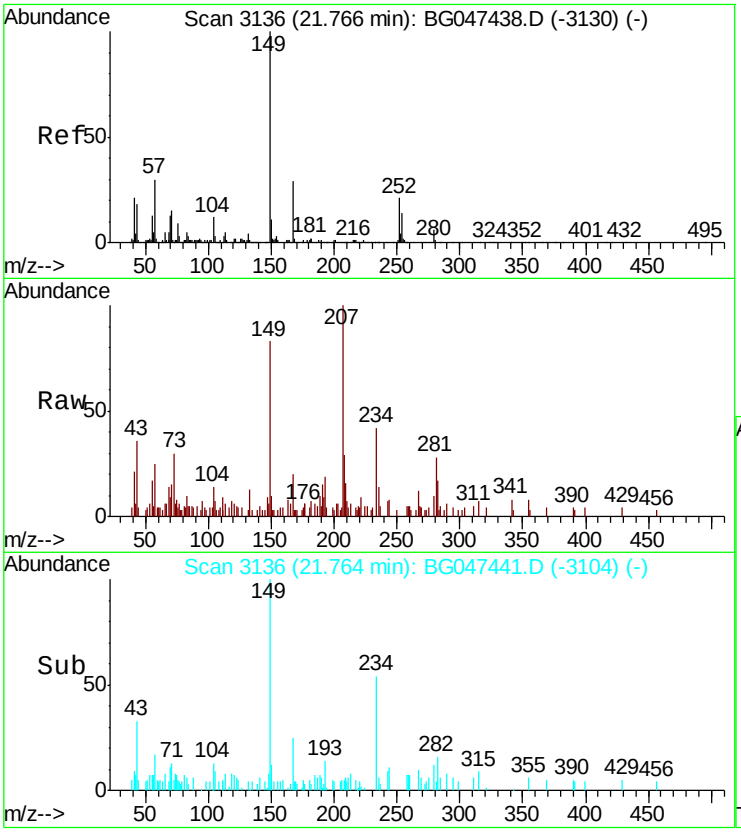


#83
Benzo(a)anthracene
Concen: 7.417 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:228 Resp: 95570

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	29.7	21.7	32.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 1.181 ng/ul
RT: 21.76 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:149 Resp: 7417

Ion	Ratio	Lower	Upper
149	100		
167	24.0	23.4	35.2
279	11.9	5.9	8.9#

Instrument :
BNA_G
ClientSampleId :
C0B80

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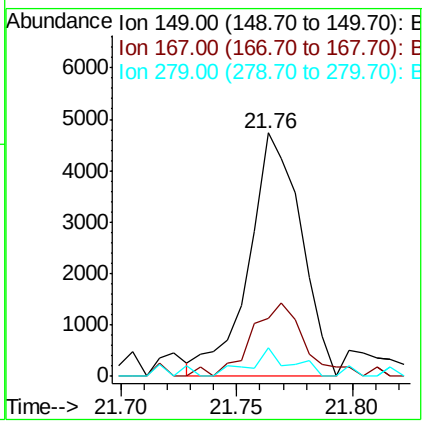
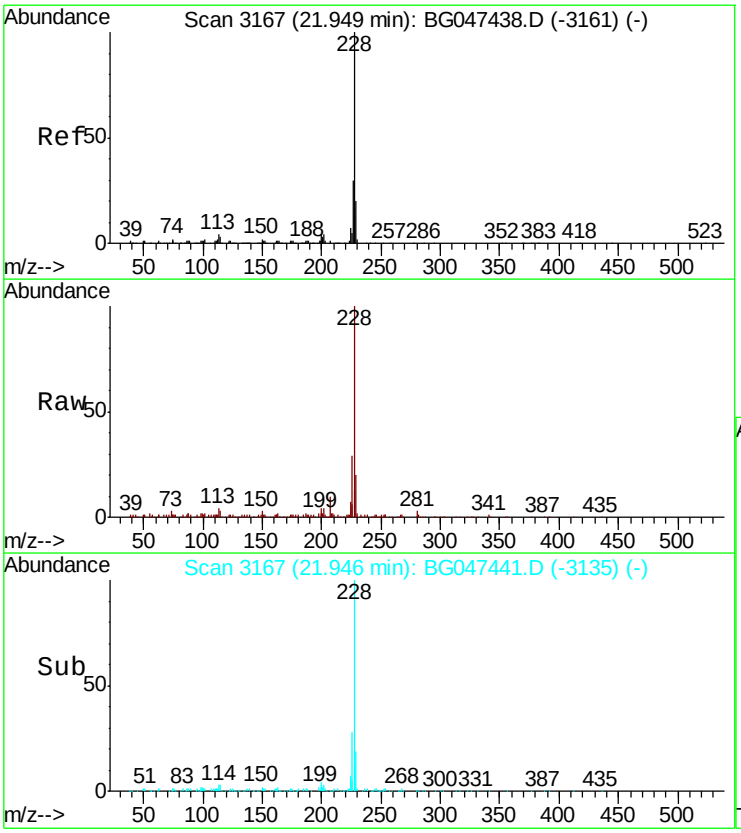
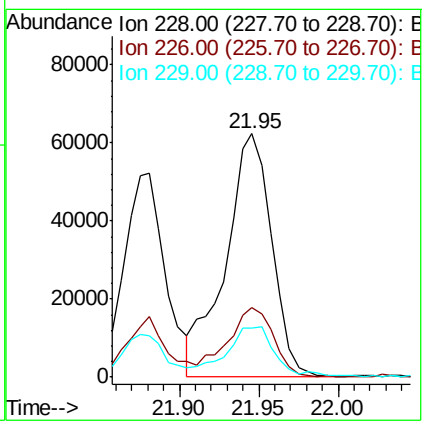


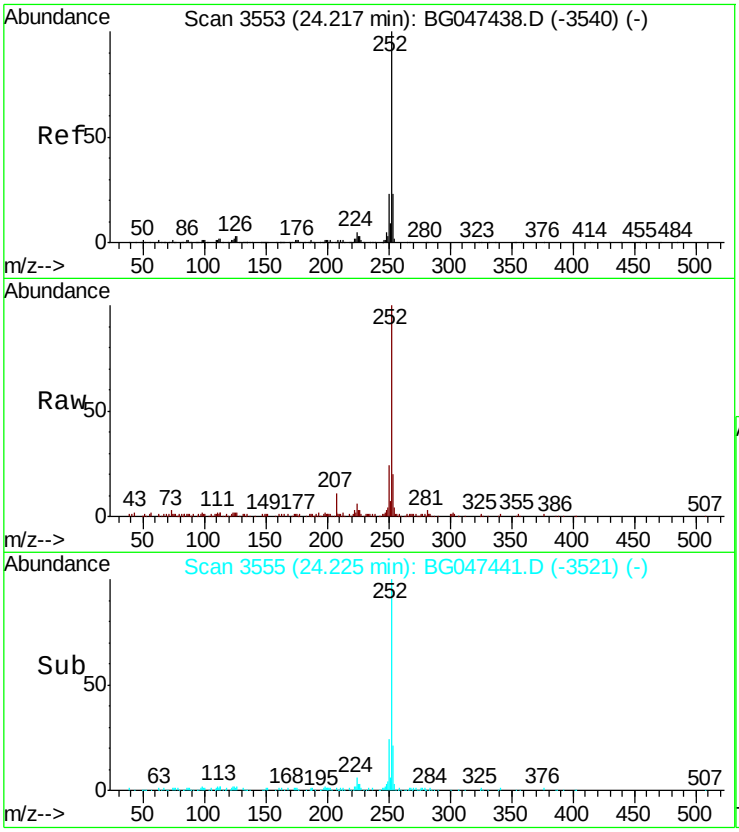


#85
Chrysene
Concen: 10.338 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:228 Resp: 126765

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.1	16.5	24.7

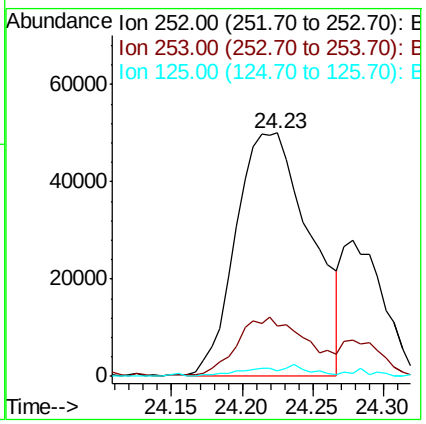




#88
Benzo(b)fluoranthene
Concen: 13.646 ng/ul
RT: 24.23 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:252 Resp: 183881

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.6	25.0
125	2.2	2.7	4.1#



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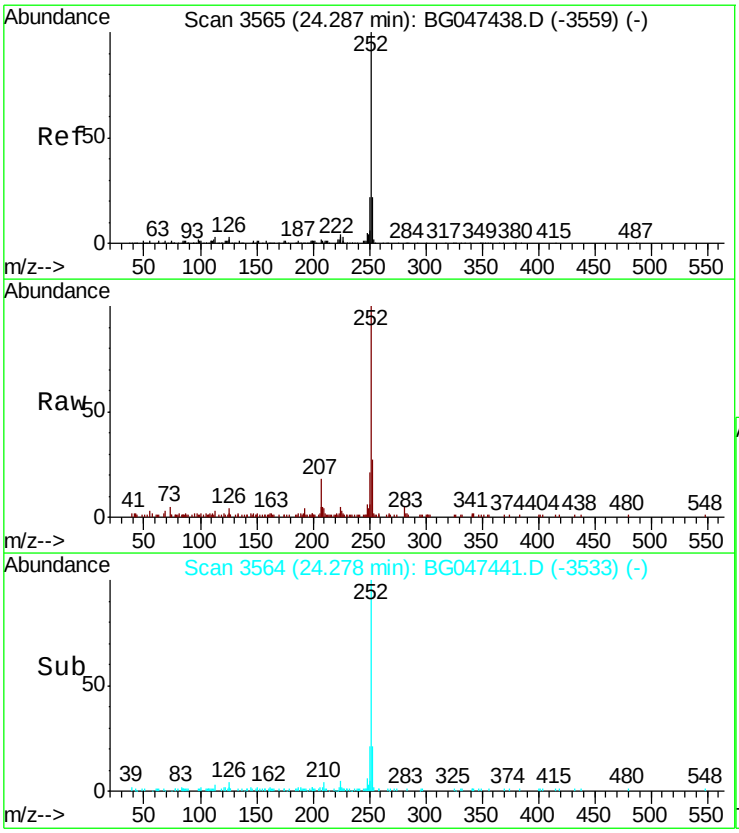
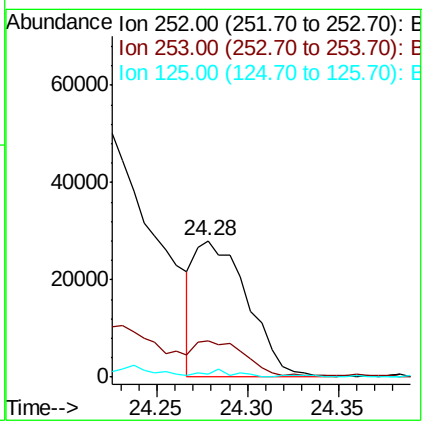
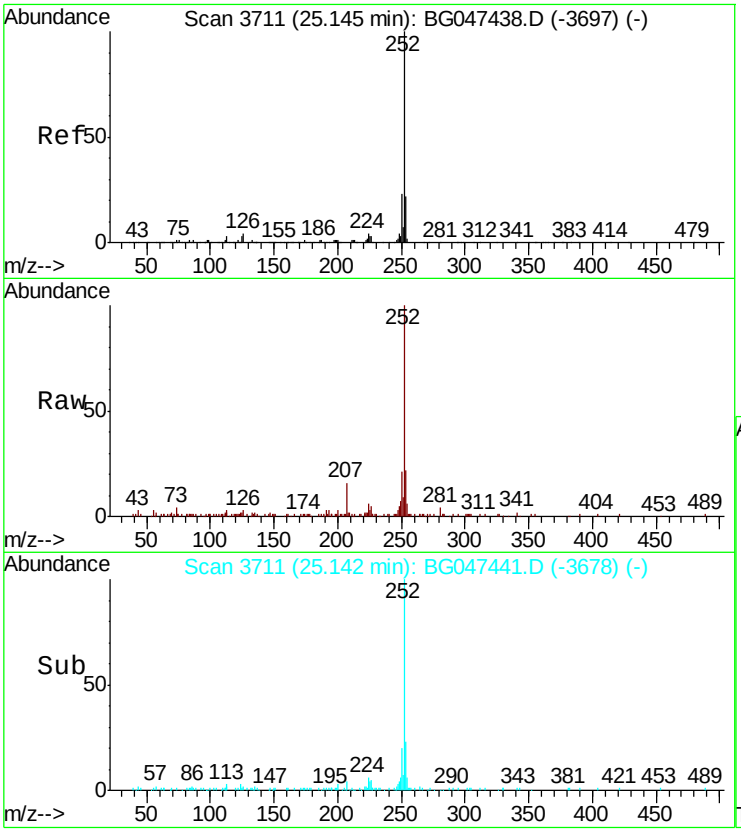


#89
Benzo(k)fluoranthene
Concen: 4.267 ng/ul
RT: 24.28 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:252 Resp: 56654

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.4
125	2.5	2.2	3.2

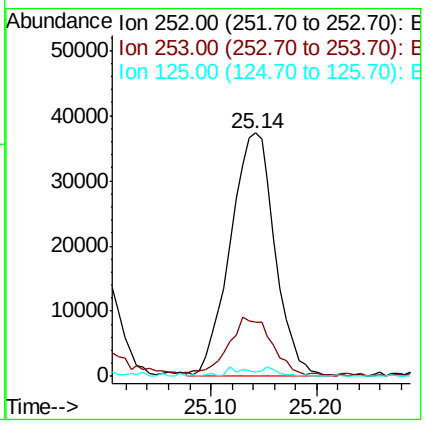




#91
Benzo(a)pyrene
Concen: 9.025 ng/ul
RT: 25.14 min Scan# 3711
Delta R.T. -0.00 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:252 Resp: 108411

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	1.5	3.1	4.7#



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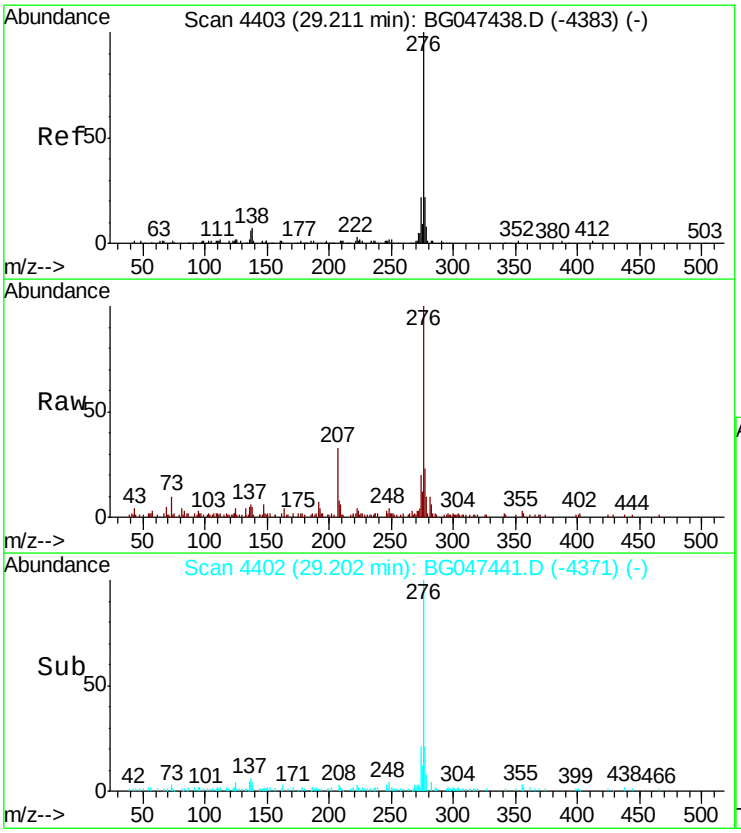
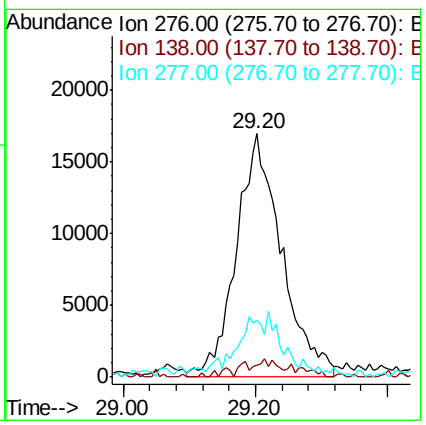
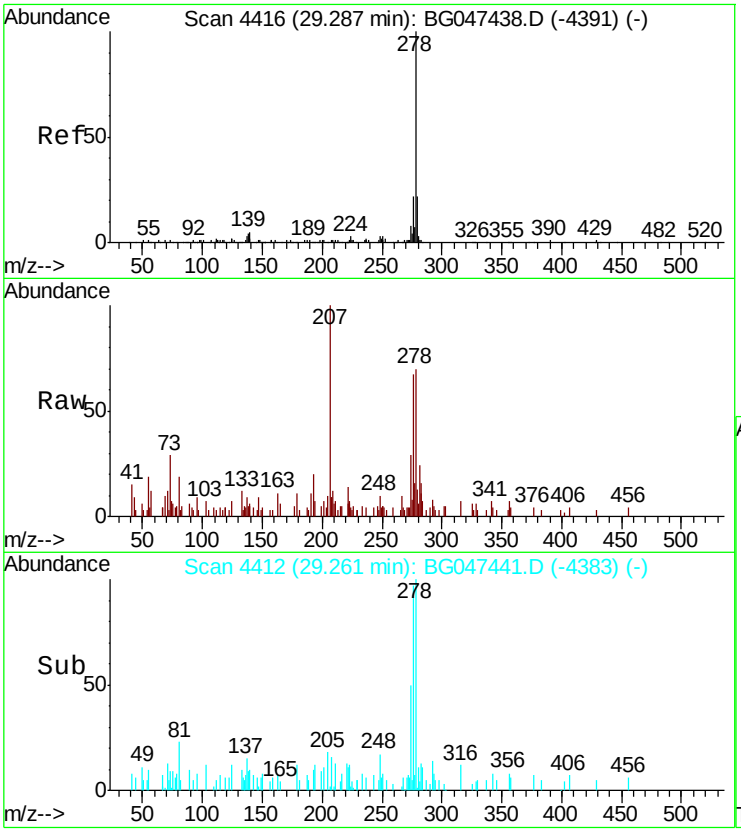


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.575 ng/ul m
RT: 29.20 min Scan# 4402
Delta R.T. -0.02 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:276 Resp: 81451

Ion	Ratio	Lower	Upper
276	100		
138	4.9	5.0	7.6#
277	23.2	16.5	24.7

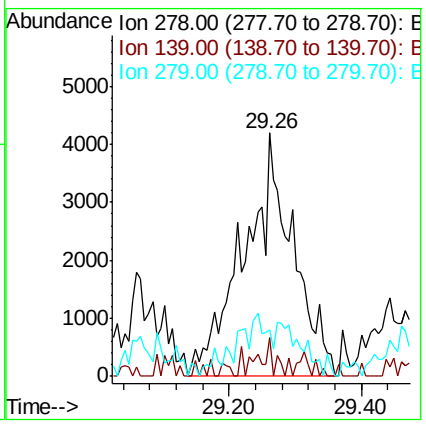




#93
Dibenzo(a,h)anthracene
Concen: 1.794 ng/ul m
RT: 29.26 min Scan# 4412
Delta R.T. -0.03 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:278 Resp: 21495

Ion	Ratio	Lower	Upper
278	100		
139	8.0	4.6	7.0#
279	18.9	18.2	27.2



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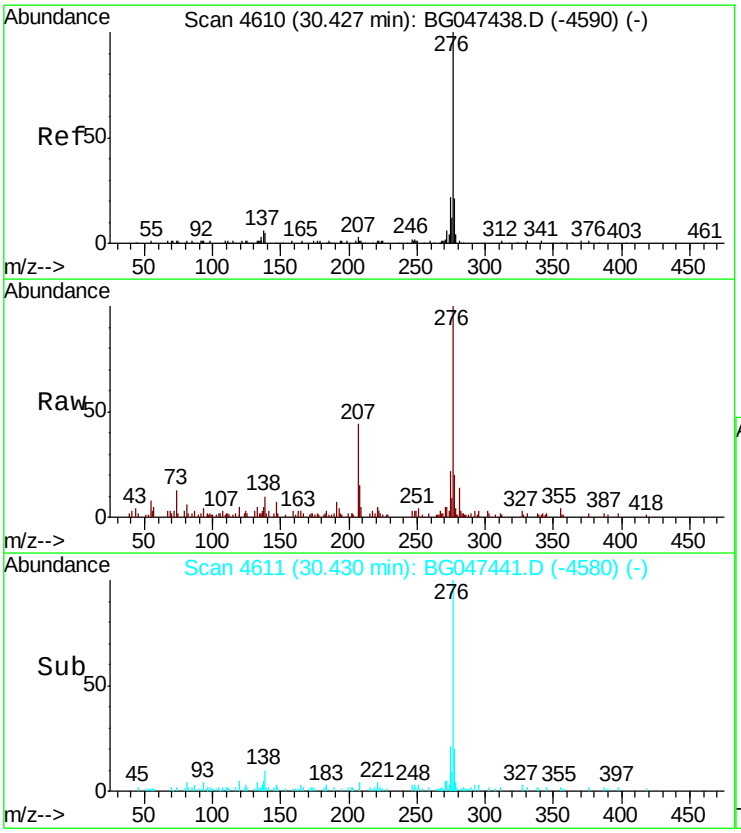

#94
Benzo(g,h,i)perylene
Concen: 5.658 ng/ul m
RT: 30.43 min Scan# 4611
Delta R.T. -0.02 min
Lab File: BG047441.D
Acq: 24 Nov 2020 11:16

Tgt Ion:276 Resp: 68211

Ion	Ratio	Lower	Upper
276	100		
138	10.0	5.8	8.6#
277	20.0	17.4	26.2